

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088176.D
 Acq On : 31 Oct 2025 10:40
 Operator : JC\MD
 Sample : VN1031MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025

Quant Time: Nov 01 00:28:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	365900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	658623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	570292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	276898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	327493	51.760	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.520%			
35) Dibromofluoromethane	8.153	113	225706	51.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	10.547	98	853668	50.071	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.140%			
62) 4-Bromofluorobenzene	12.829	95	310429	51.557	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	76236	18.471	ug/l	94
3) Chloromethane	2.383	50	87306	17.980	ug/l	98
4) Vinyl Chloride	2.536	62	96770	18.291	ug/l	99
5) Bromomethane	2.983	94	55583	17.565	ug/l	99
6) Chloroethane	3.142	64	64268	16.860	ug/l	99
7) Trichlorofluoromethane	3.512	101	147083	17.430	ug/l	99
8) Diethyl Ether	3.965	74	59065	18.833	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	81739	18.772	ug/l	98
10) Methyl Iodide	4.589	142	67859	18.683	ug/l	96
11) Tert butyl alcohol	5.524	59	103331	94.796	ug/l #	82
12) 1,1-Dichloroethene	4.336	96	79759	17.343	ug/l	94
13) Acrolein	4.171	56	129219	105.390	ug/l	99
14) Allyl chloride	5.018	41	152475	18.915	ug/l	98
15) Acrylonitrile	5.706	53	289858	97.621	ug/l	100
16) Acetone	4.424	43	292059	91.880	ug/l	99
17) Carbon Disulfide	4.706	76	236099	16.888	ug/l	98
18) Methyl Acetate	5.012	43	133511	20.516	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	334076	19.780	ug/l	96
20) Methylene Chloride	5.259	84	96023	19.881	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	90217	17.872	ug/l	95
22) Diisopropyl ether	6.659	45	337254	19.894	ug/l	99
23) Vinyl Acetate	6.588	43	1519591	99.511	ug/l	98
24) 1,1-Dichloroethane	6.553	63	182518	19.436	ug/l	99
25) 2-Butanone	7.471	43	412174	98.394	ug/l	99
26) 2,2-Dichloropropane	7.471	77	160576	18.817	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	105917	18.226	ug/l	90
28) Bromochloromethane	7.794	49	80331	18.104	ug/l	98
29) Tetrahydrofuran	7.824	42	252843	92.616	ug/l	98
30) Chloroform	7.947	83	183559	19.566	ug/l	98
31) Cyclohexane	8.235	56	168962	19.077	ug/l	94
32) 1,1,1-Trichloroethane	8.147	97	165303	19.784	ug/l	98
36) 1,1-Dichloropropene	8.353	75	132144	20.454	ug/l	99
37) Ethyl Acetate	7.547	43	163329	19.590	ug/l	98
38) Carbon Tetrachloride	8.341	117	136470	20.452	ug/l	92
39) Methylcyclohexane	9.582	83	148996	17.942	ug/l	98
40) Benzene	8.588	78	392192	19.933	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	84826	19.331	ug/l	96
42) 1,2-Dichloroethane	8.653	62	149103	21.328	ug/l	98
43) Isopropyl Acetate	8.677	43	262079	20.457	ug/l	99
44) Trichloroethene	9.335	130	90431	19.664	ug/l	99
45) 1,2-Dichloropropane	9.600	63	100141	20.160	ug/l	94
46) Dibromomethane	9.688	93	71318	20.131	ug/l	97
47) Bromodichloromethane	9.871	83	145036	20.448	ug/l	99
48) Methyl methacrylate	9.665	41	123141	20.820	ug/l	99
49) 1,4-Dioxane	9.676	88	30578	415.673	ug/l #	92
51) 4-Methyl-2-Pentanone	10.423	43	796743	105.127	ug/l	100
52) Toluene	10.606	92	238757	19.682	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	154459	20.461	ug/l	96
54) cis-1,3-Dichloropropene	10.288	75	165605	20.674	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	90249	19.610	ug/l	97
56) Ethyl methacrylate	10.859	69	152199	20.898	ug/l	97
57) 1,3-Dichloropropane	11.141	76	162624	20.104	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	367462	96.998	ug/l	100
59) 2-Hexanone	11.176	43	525520	104.526	ug/l	96
60) Dibromochloromethane	11.335	129	102136	19.525	ug/l	98
61) 1,2-Dibromoethane	11.447	107	91944	19.412	ug/l	96
64) Tetrachloroethene	11.082	164	74655	19.846	ug/l	96
65) Chlorobenzene	11.870	112	258788	19.984	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	88152	20.778	ug/l	96
67) Ethyl Benzene	11.941	91	469748	20.666	ug/l	99
68) m/p-Xylenes	12.047	106	341537	40.102	ug/l	99
69) o-Xylene	12.376	106	167414	20.736	ug/l	99
70) Styrene	12.394	104	271968	20.658	ug/l	97
71) Bromoform	12.559	173	62373	19.700	ug/l #	100
73) Isopropylbenzene	12.676	105	441631	20.679	ug/l	100
74) N-amyl acetate	12.588	43	114579m	18.899	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	136061	20.464	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	120761m	19.075	ug/l	
77) Bromobenzene	12.959	156	98339	21.353	ug/l	98
78) n-propylbenzene	13.012	91	529965	20.335	ug/l	100
79) 2-Chlorotoluene	13.106	91	314234	21.142	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	359378	20.262	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.723	75	40878	18.012	ug/l	92
82) 4-Chlorotoluene	13.200	91	329263	20.476	ug/l	99
83) tert-Butylbenzene	13.412	119	308050	19.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	370707	20.890	ug/l	97
85) sec-Butylbenzene	13.594	105	442537	19.011	ug/l	99
86) p-Isopropyltoluene	13.706	119	361798	19.374	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	188929	20.550	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	194213	19.669	ug/l	98
89) n-Butylbenzene	14.035	91	340846	18.427	ug/l	97
90) Hexachloroethane	14.306	117	63074	17.442	ug/l	91
91) 1,2-Dichlorobenzene	14.082	146	176748	19.944	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	30844	19.931	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	101412	18.895	ug/l	99
94) Hexachlorobutadiene	15.470	225	35429	17.727	ug/l	96
95) Naphthalene	15.617	128	352616	19.178	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	94098	18.285	ug/l	98

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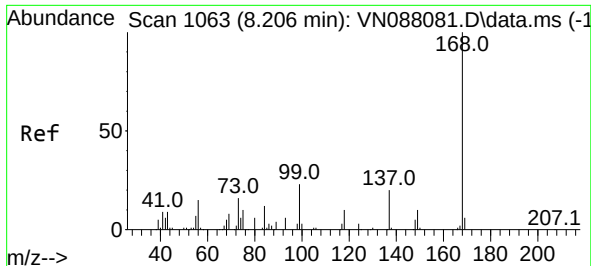
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 11/03/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

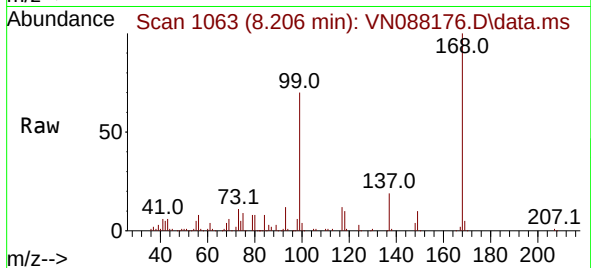
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088176.D
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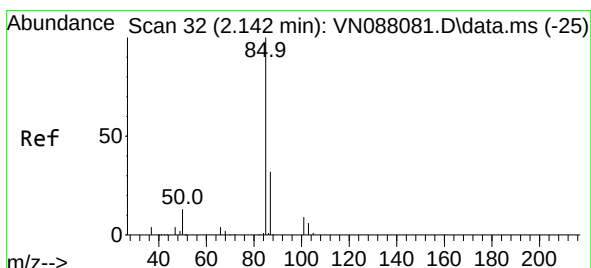
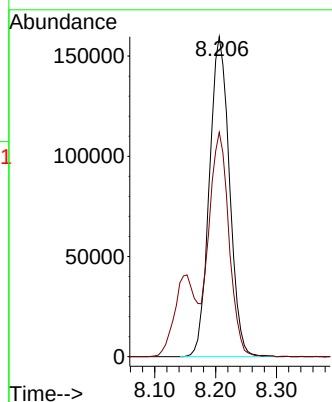
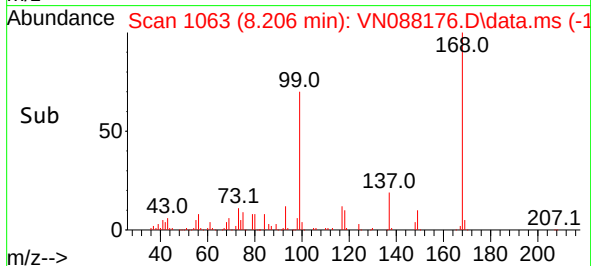
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion:168 Resp: 365900
Ion Ratio Lower Upper
168 100
99 70.0 57.2 85.8

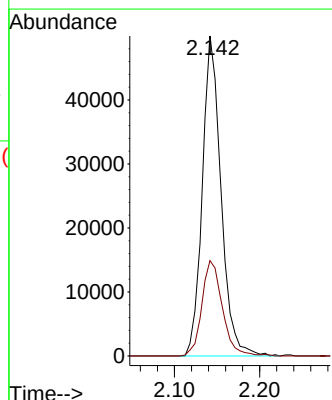
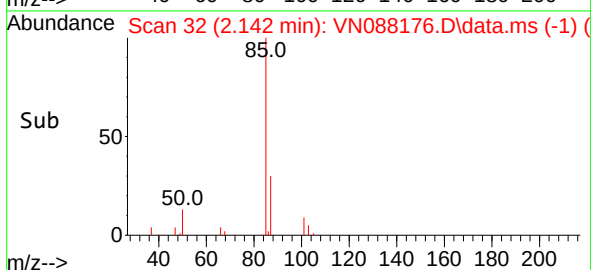
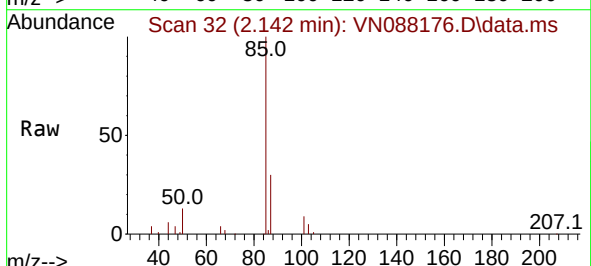
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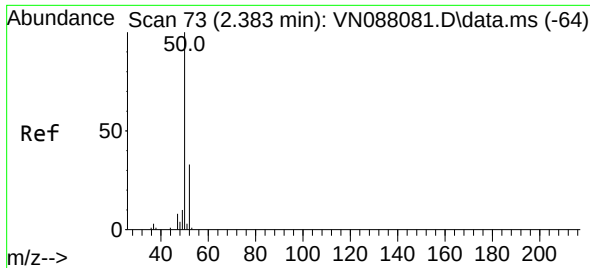
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#2
Dichlorodifluoromethane
Concen: 18.471 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

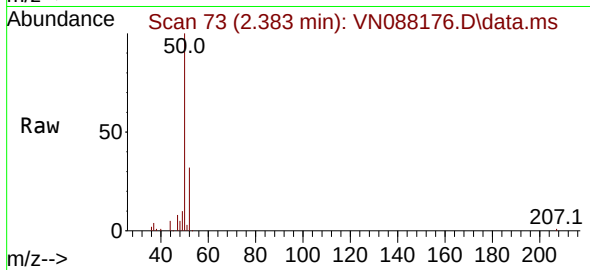
Tgt Ion: 85 Resp: 76236
Ion Ratio Lower Upper
85 100
87 29.8 16.6 49.8





#3
Chloromethane
Concen: 17.980 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

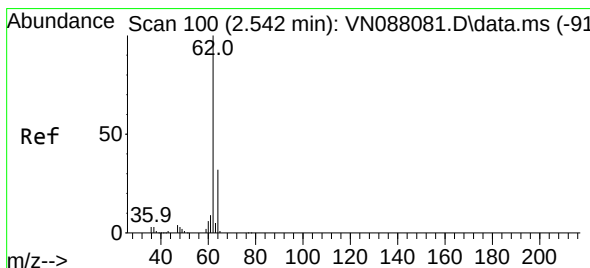
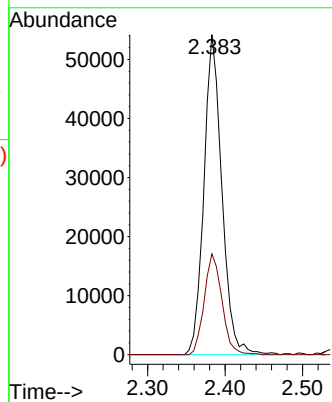
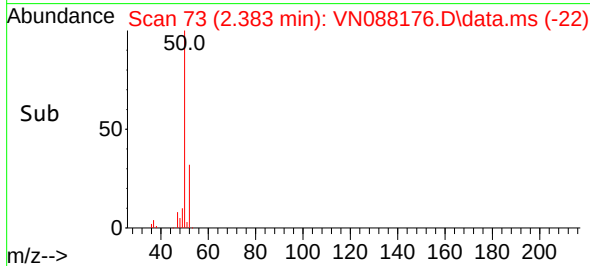
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Tgt Ion: 50 Resp: 87300
Ion Ratio Lower Upper
50 100
52 31.5 26.2 39.4

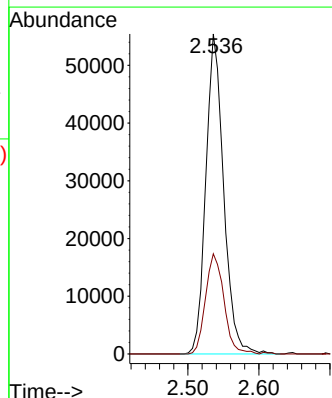
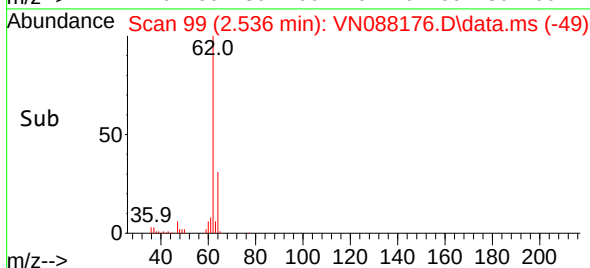
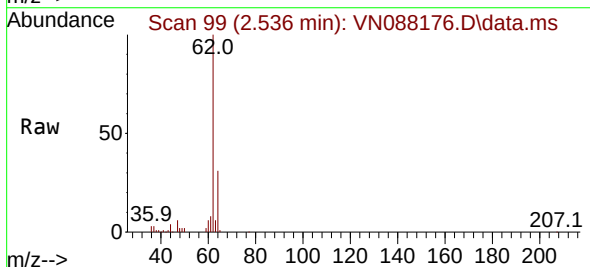
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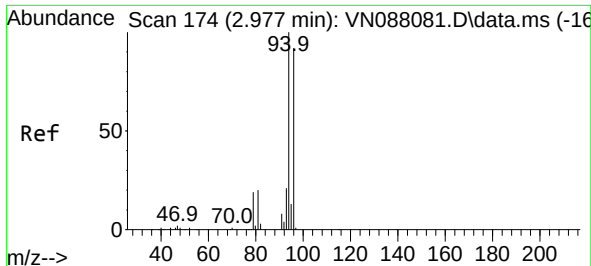
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#4
Vinyl Chloride
Concen: 18.291 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

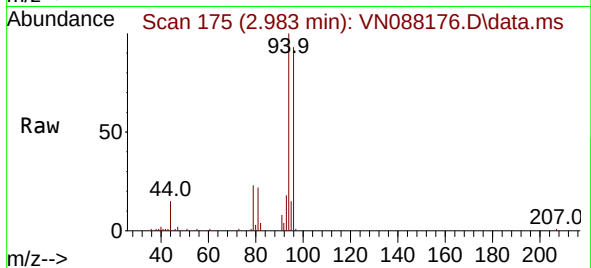
Tgt Ion: 62 Resp: 96770
Ion Ratio Lower Upper
62 100
64 31.3 24.6 37.0





#5
Bromomethane
Concen: 17.565 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

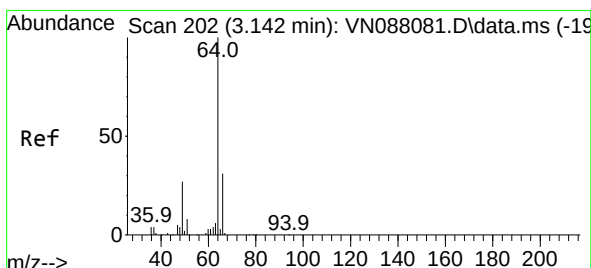
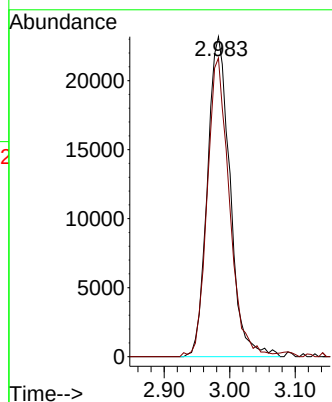
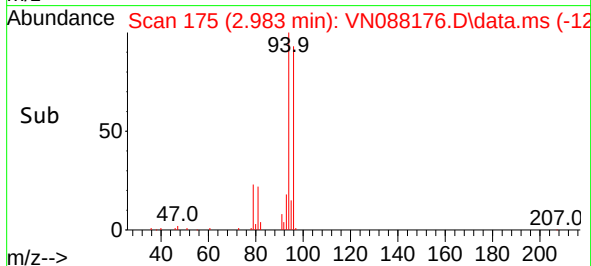
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Tgt Ion: 94 Resp: 5558
Ion Ratio Lower Upper
94 100
96 93.3 75.4 113.2

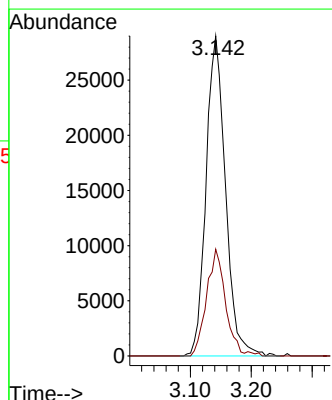
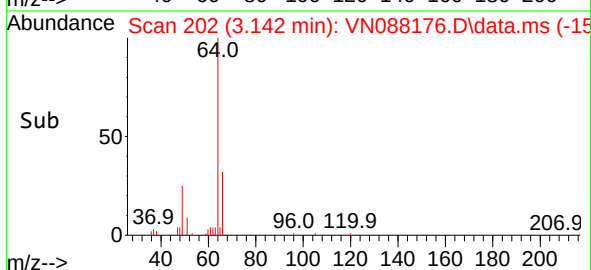
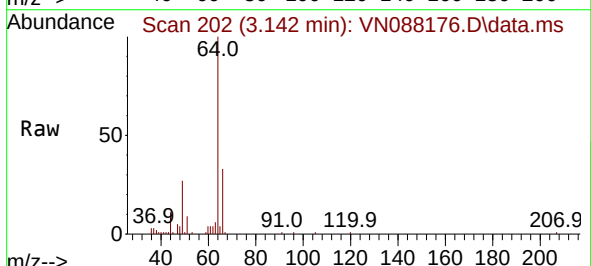
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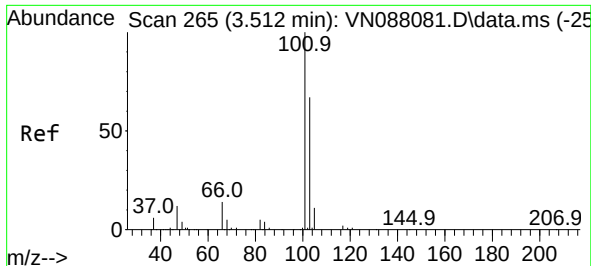
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#6
Chloroethane
Concen: 16.860 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088176.D
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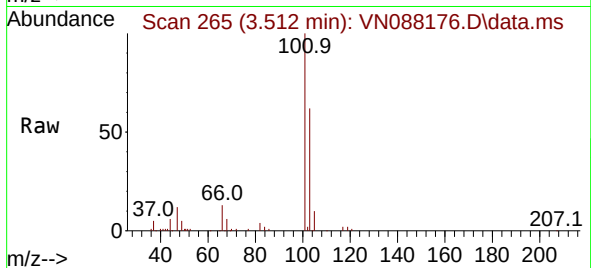
Tgt Ion: 64 Resp: 64268
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.2





#7
Trichlorofluoromethane
Concen: 17.430 ug/l
RT: 3.512 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

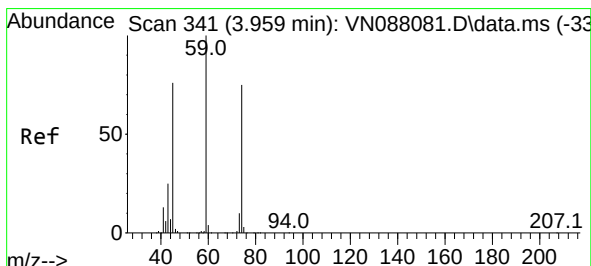
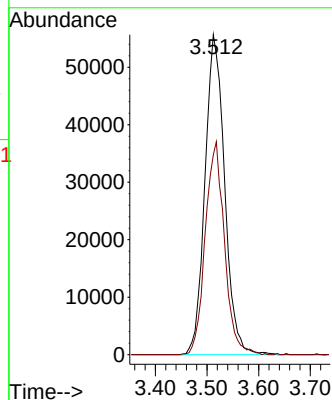
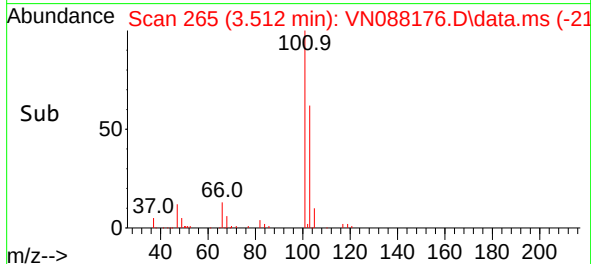
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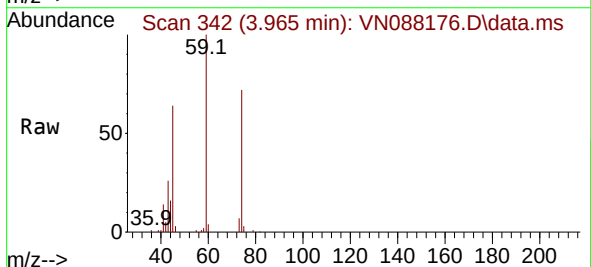
Tgt Ion:101 Resp: 147083
Ion Ratio Lower Upper
101 100
103 62.4 49.4 74.0

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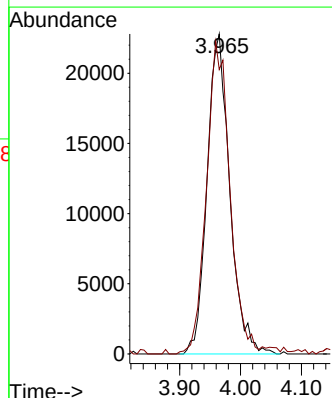
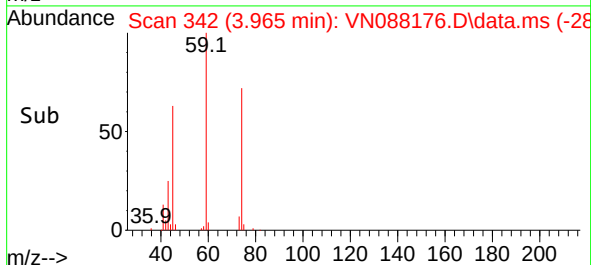
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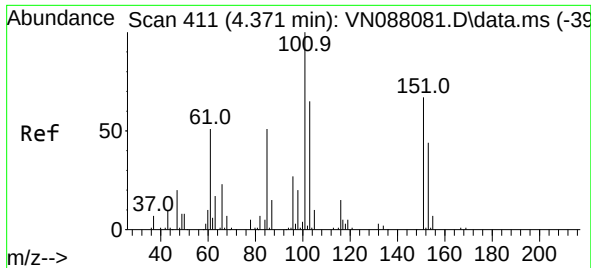


#8
Diethyl Ether
Concen: 18.833 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 59065
Ion Ratio Lower Upper
74 100
45 101.1 50.6 151.9





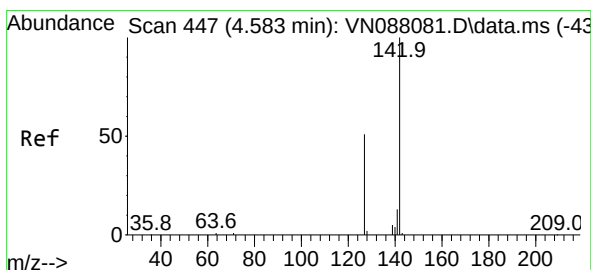
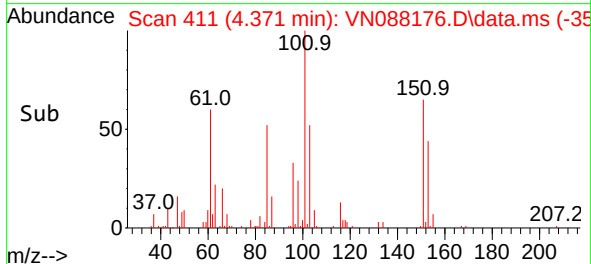
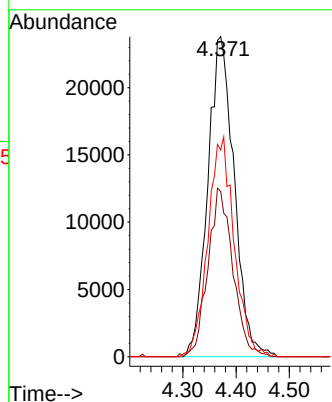
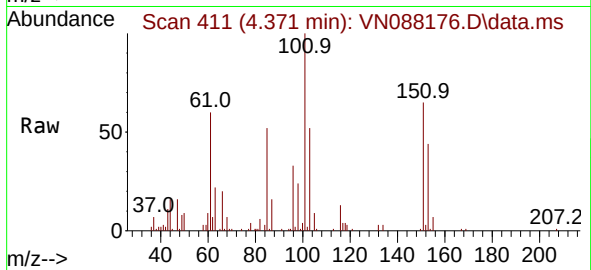
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.772 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion:101 Resp: 81739
Ion Ratio Lower Upper
101 100
85 49.8 36.6 55.0
151 68.5 54.7 82.1

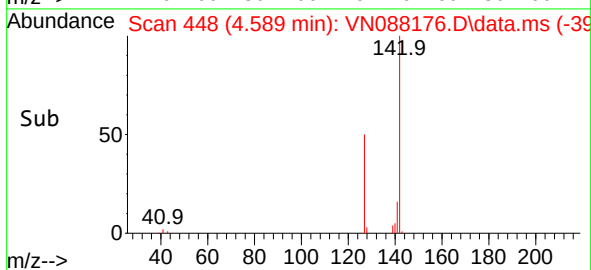
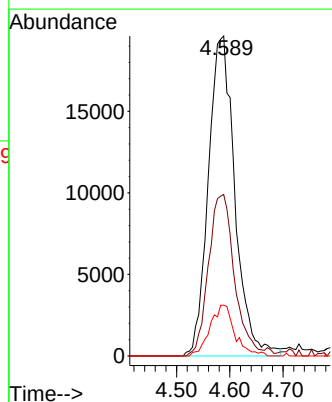
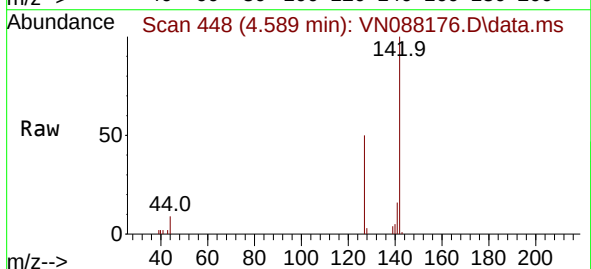
Manual Integrations
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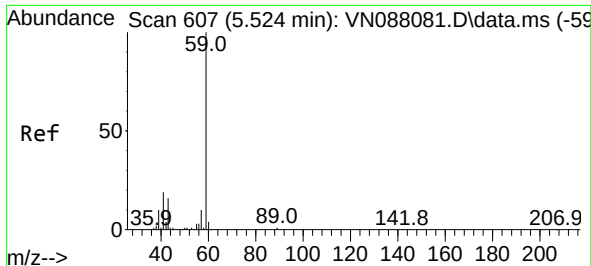
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#10
Methyl Iodide
Concen: 18.683 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

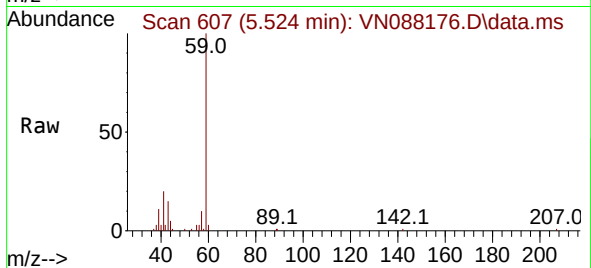
Tgt Ion:142 Resp: 67859
Ion Ratio Lower Upper
142 100
127 50.4 38.0 57.0
141 15.8 12.0 18.0





#11
Tert butyl alcohol
Concen: 94.796 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

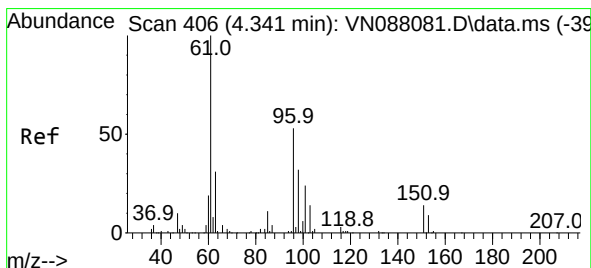
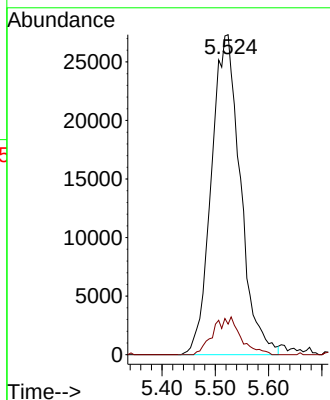
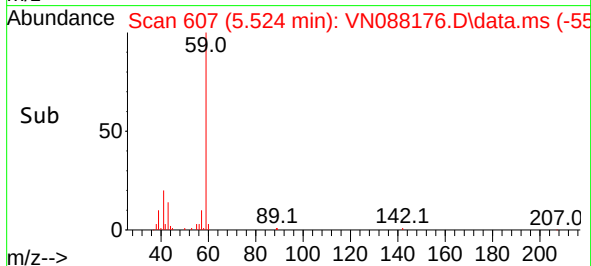
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



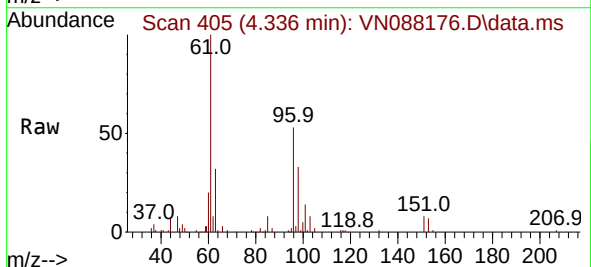
Tgt Ion: 59 Resp: 10333
Ion Ratio Lower Upper
59 100
57 4.5 9.0 13.4

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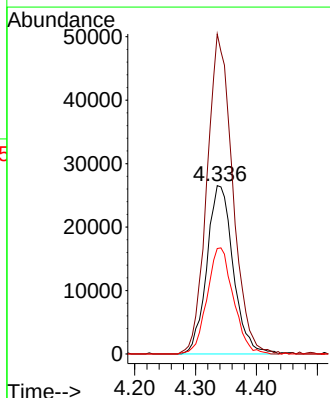
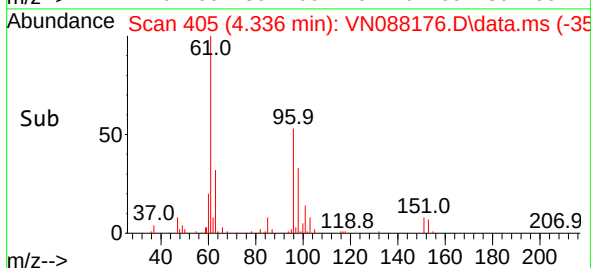
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

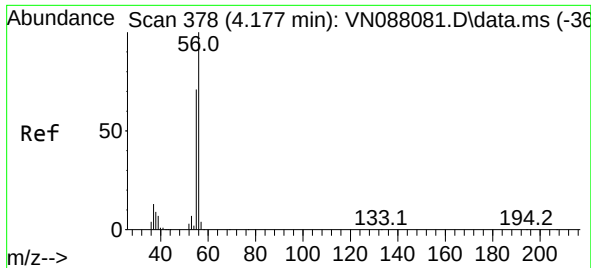


#12
1,1-Dichloroethene
Concen: 17.343 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



Tgt Ion: 96 Resp: 79759
Ion Ratio Lower Upper
96 100
61 190.1 143.8 215.8
98 62.7 52.1 78.1





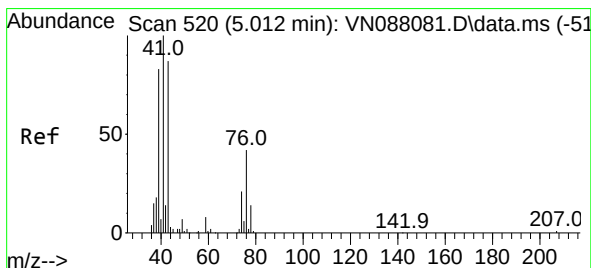
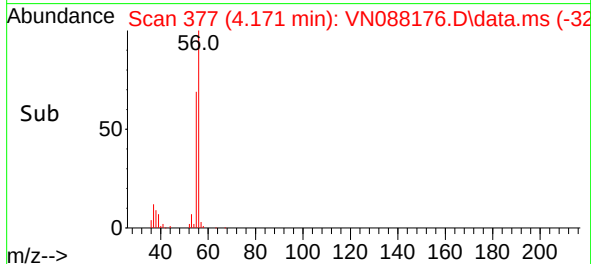
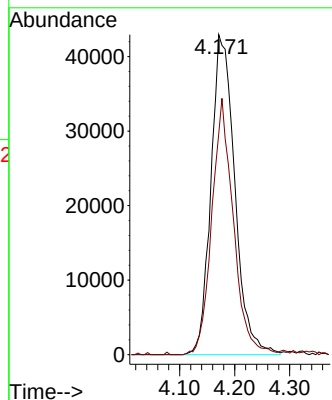
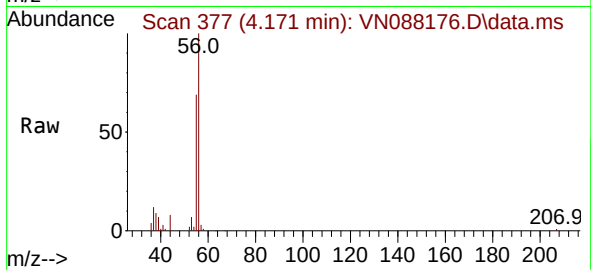
#13
Acrolein
Concen: 105.390 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 56 Resp: 129219
Ion Ratio Lower Upper
56 100
55 72.4 57.3 85.9

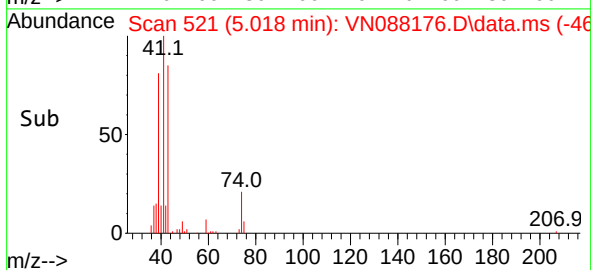
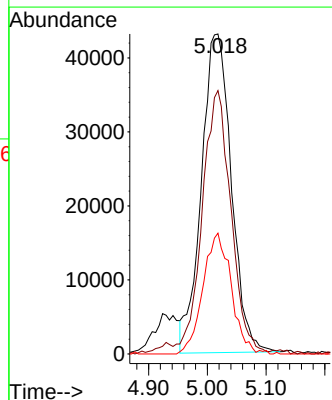
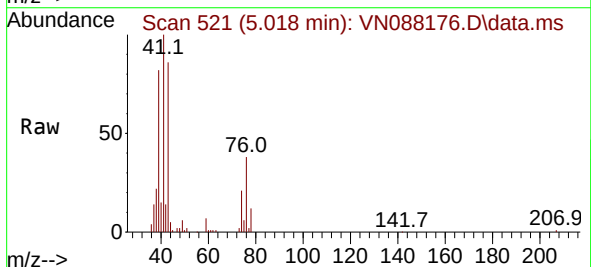
Manual Integrations
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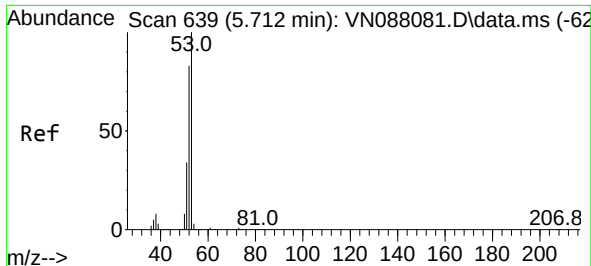
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#14
Allyl chloride
Concen: 18.915 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

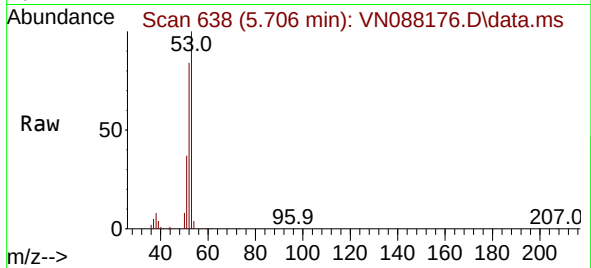
Tgt Ion: 41 Resp: 152475
Ion Ratio Lower Upper
41 100
39 78.1 63.9 95.9
76 35.9 28.1 42.1





#15
Acrylonitrile
Concen: 97.621 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

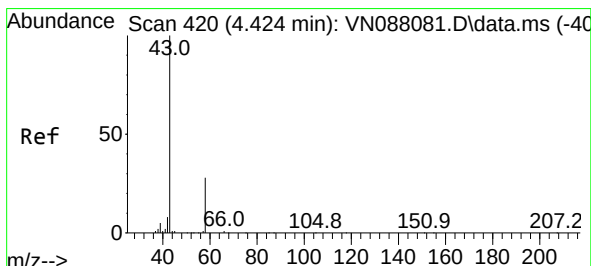
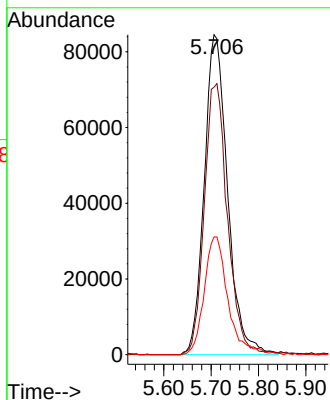
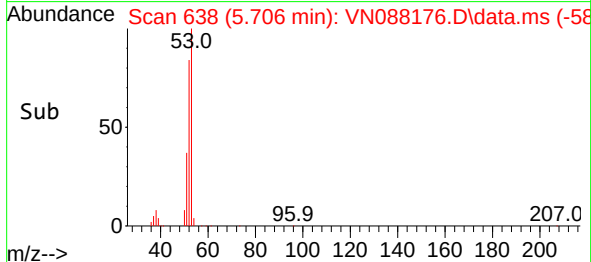
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 53 Resp: 28985
Ion Ratio Lower Upper
53 100
52 84.3 67.6 101.4
51 37.2 30.1 45.1

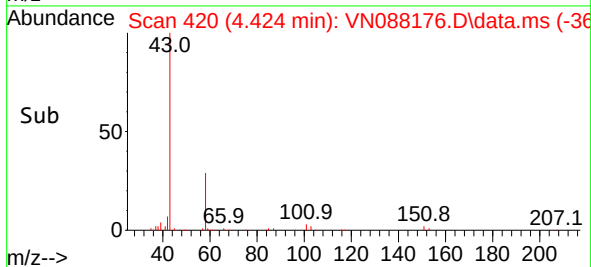
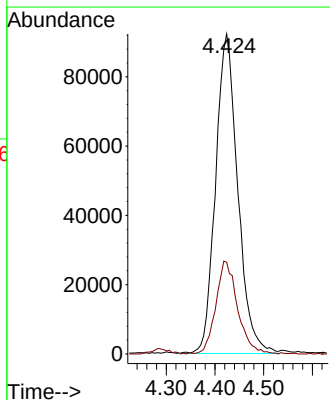
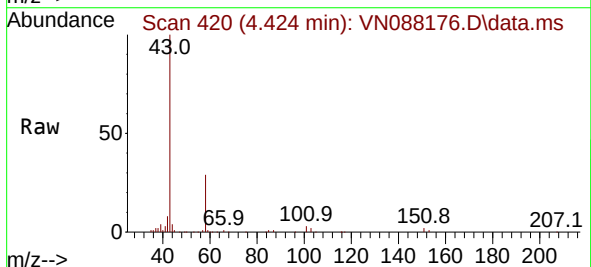
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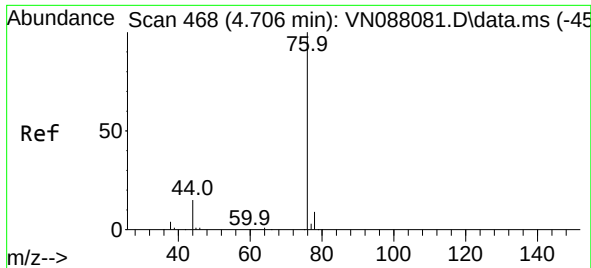
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#16
Acetone
Concen: 91.880 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Tgt Ion: 43 Resp: 292059
Ion Ratio Lower Upper
43 100
58 28.7 22.6 33.8





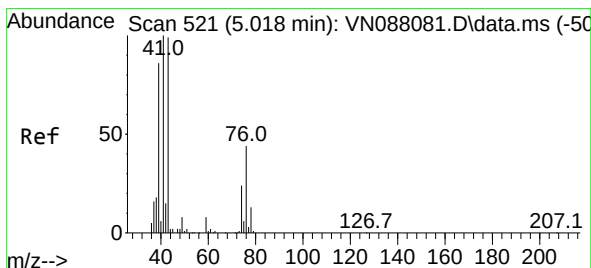
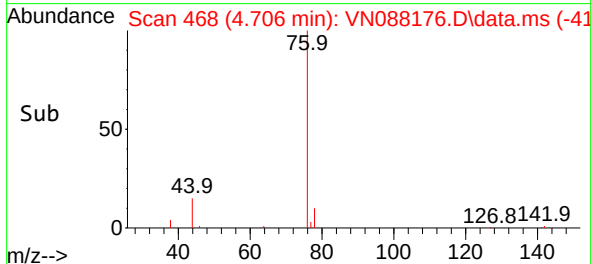
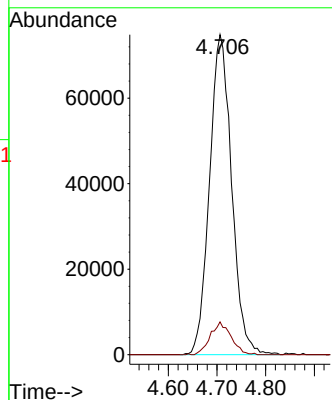
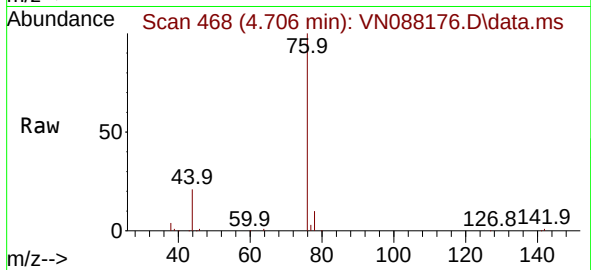
#17
Carbon Disulfide
Concen: 16.888 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 76 Resp: 236099
Ion Ratio Lower Upper
76 100
78 10.3 7.6 11.4

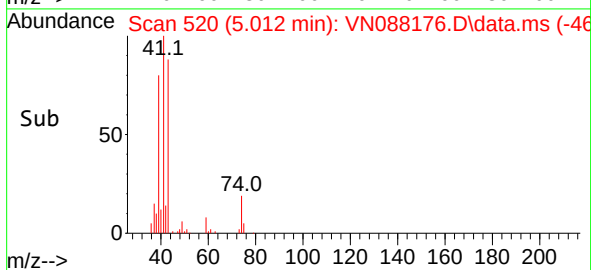
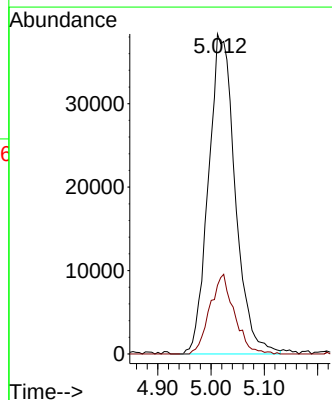
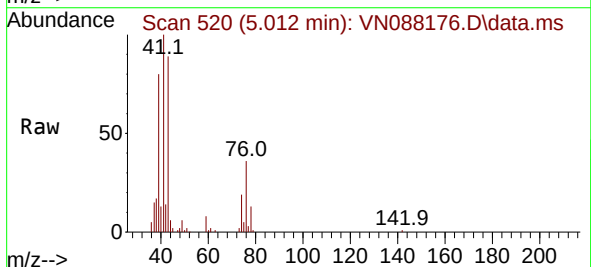
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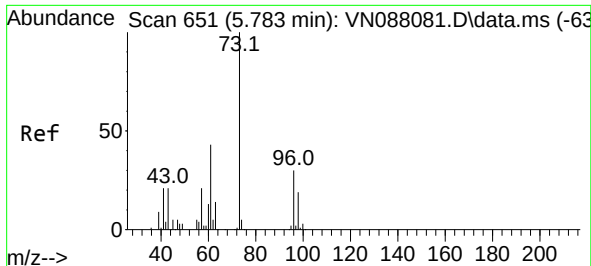
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#18
Methyl Acetate
Concen: 20.516 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

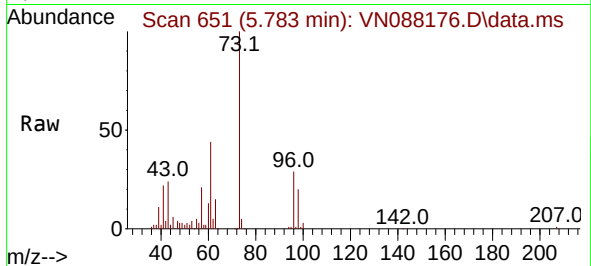
Tgt Ion: 43 Resp: 133511
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 19.780 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

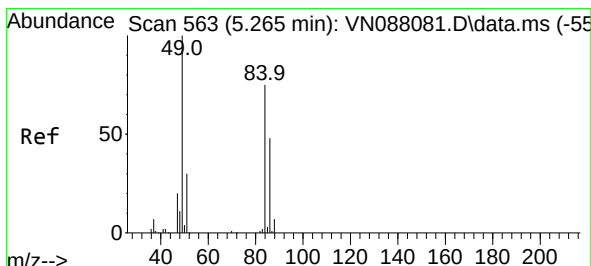
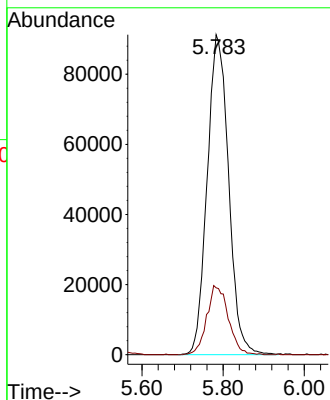
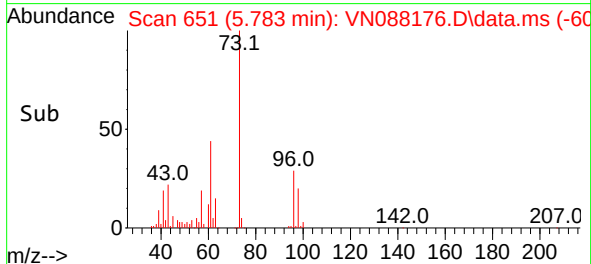
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 73 Resp: 334076
Ion Ratio Lower Upper
73 100
57 20.9 18.4 27.6

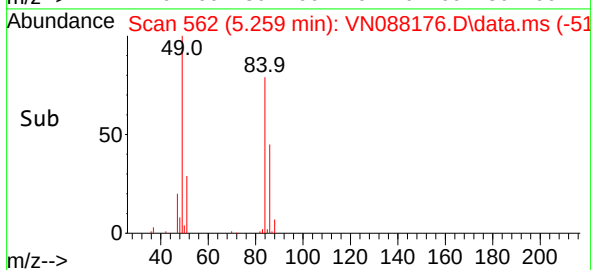
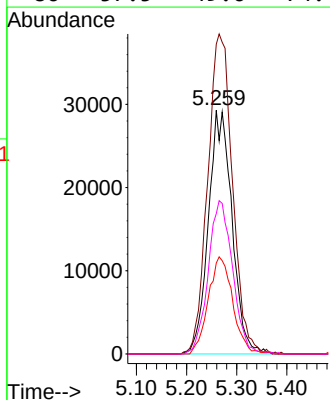
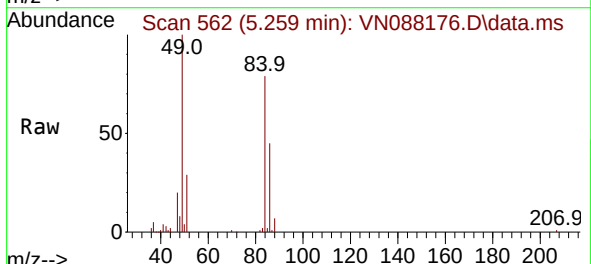
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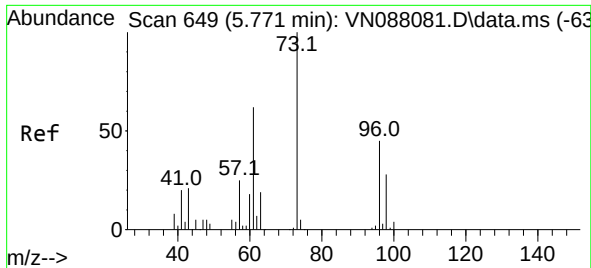
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#20
Methylene Chloride
Concen: 19.881 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Tgt Ion: 84 Resp: 96023
Ion Ratio Lower Upper
84 100
49 127.1 103.4 155.2
51 37.3 33.8 50.8
86 57.5 49.6 74.4





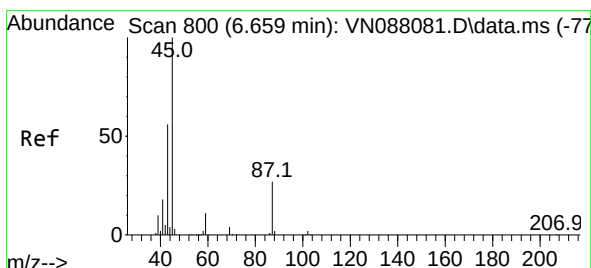
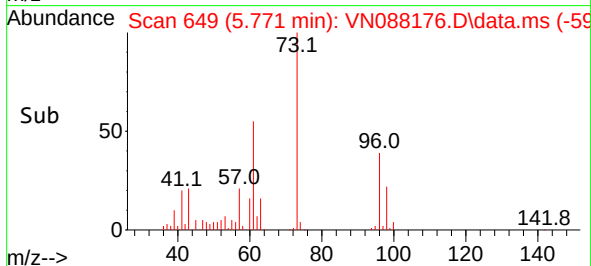
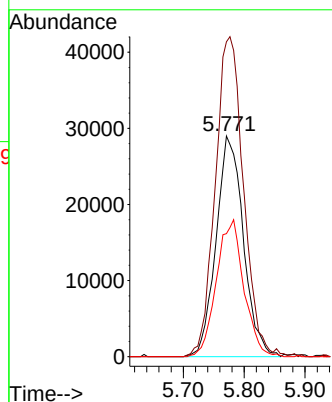
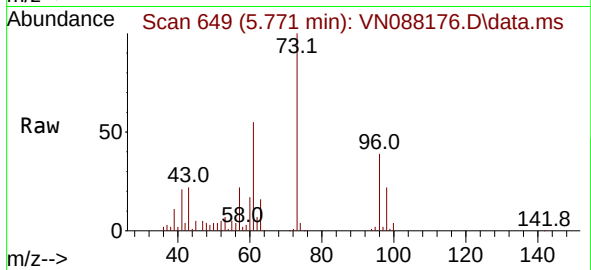
#21
trans-1,2-Dichloroethene
Concen: 17.872 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 96 Resp: 9021
Ion Ratio Lower Upper
96 100
61 142.7 118.0 177.0
98 55.7 50.0 75.0

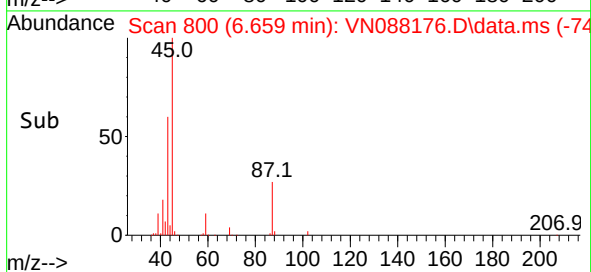
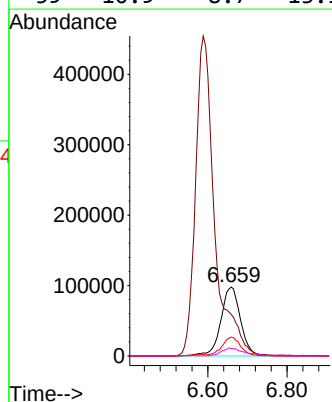
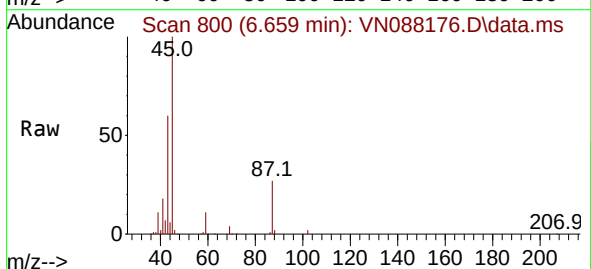
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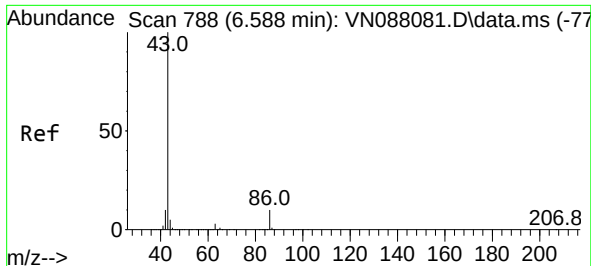
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#22
Diisopropyl ether
Concen: 19.894 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Tgt Ion: 45 Resp: 337254
Ion Ratio Lower Upper
45 100
43 58.9 47.7 71.5
87 27.3 21.4 32.0
59 10.9 8.7 13.1





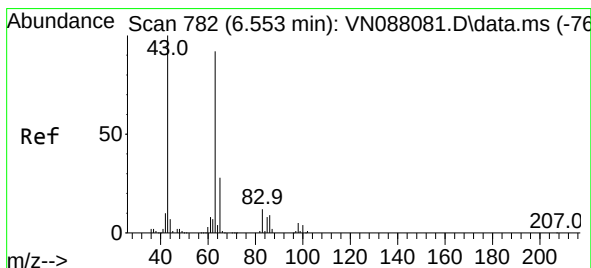
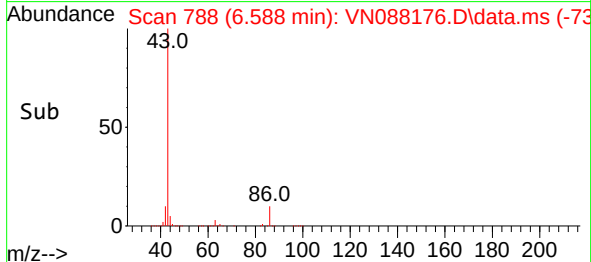
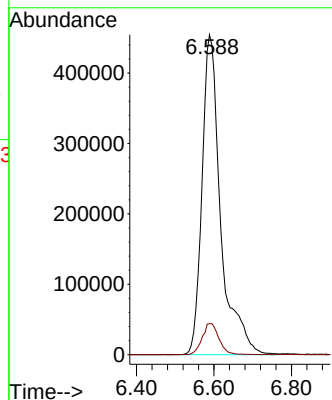
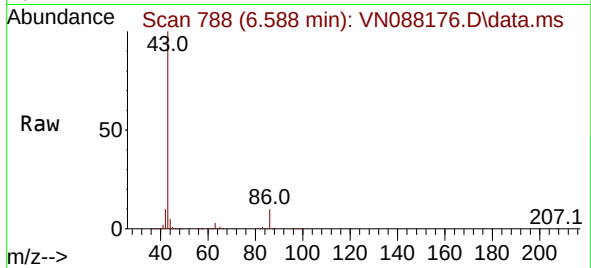
#23
 Vinyl Acetate
 Concen: 99.511 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088176.D
 Acq: 31 Oct 2025 10:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01

Tgt Ion: 43 Resp: 151959
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4

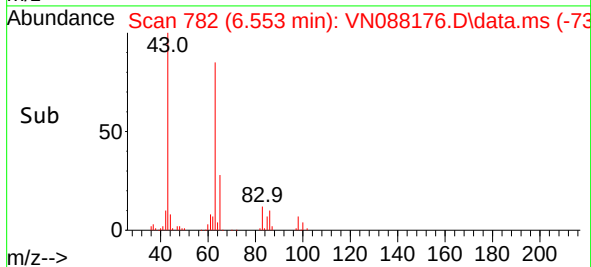
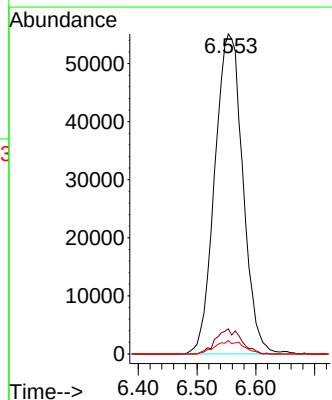
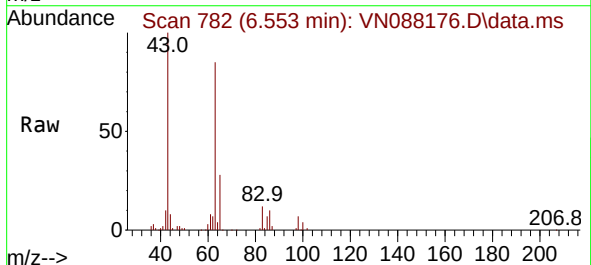
Manual Integrations
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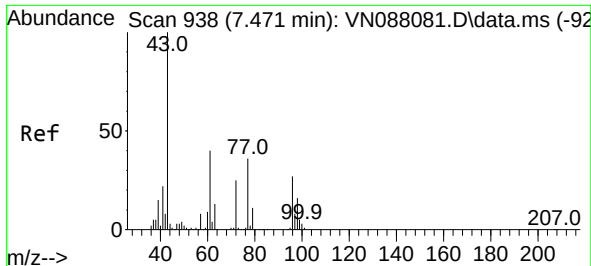
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025



#24
 1,1-Dichloroethane
 Concen: 19.436 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088176.D
 Acq: 31 Oct 2025 10:40

Tgt Ion: 63 Resp: 182518
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 4.2 2.0 6.0





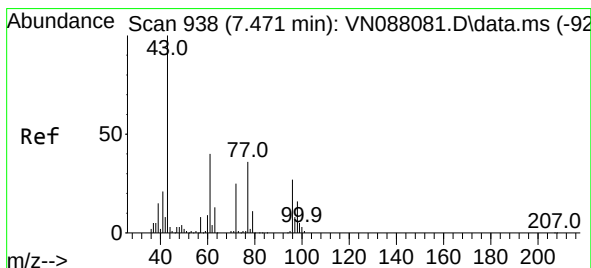
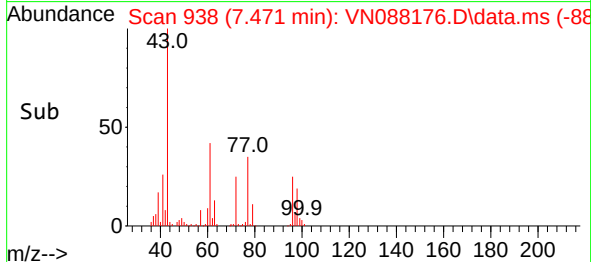
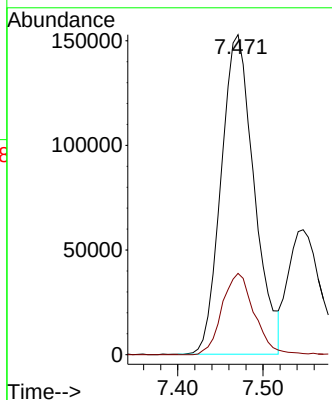
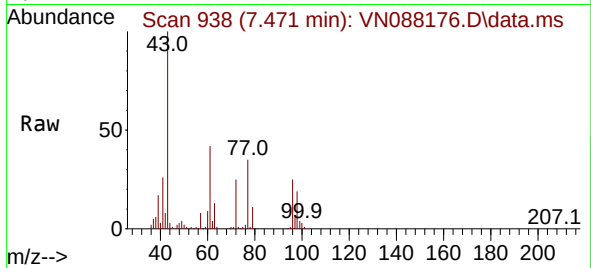
#25
2-Butanone
Concen: 98.394 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 43 Resp: 412174
Ion Ratio Lower Upper
43 100
72 25.4 19.9 29.9

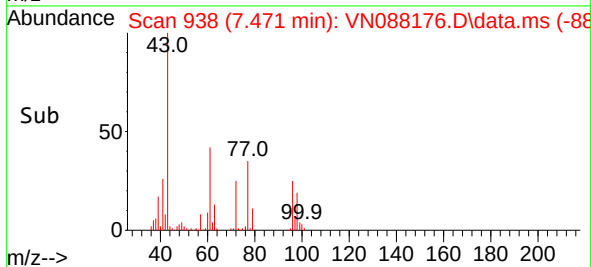
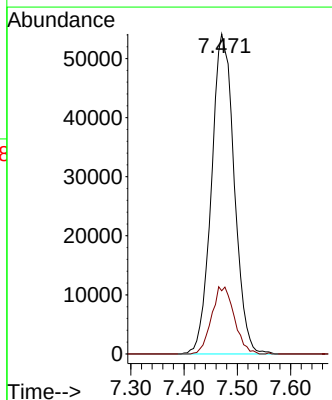
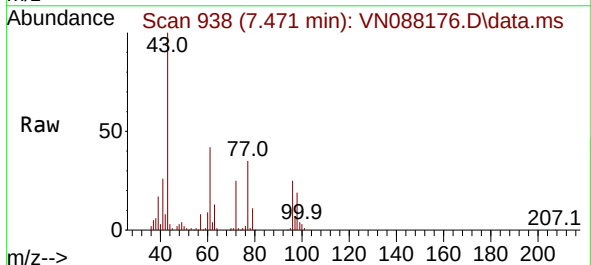
Manual Integrations
APPROVED

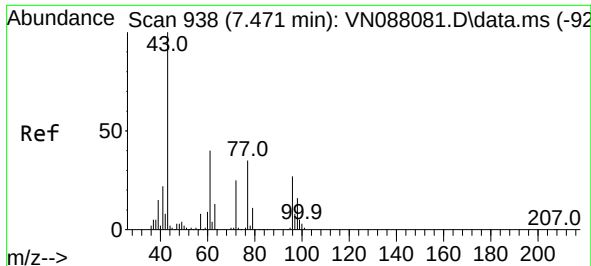
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#26
2,2-Dichloropropane
Concen: 18.817 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

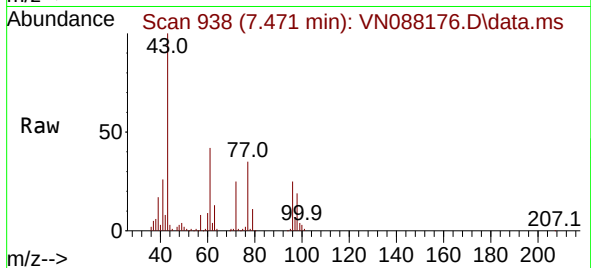
Tgt Ion: 77 Resp: 160576
Ion Ratio Lower Upper
77 100
97 20.9 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 18.226 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

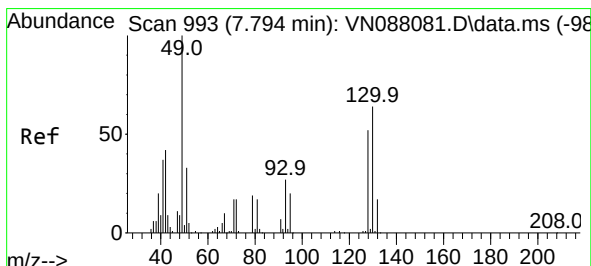
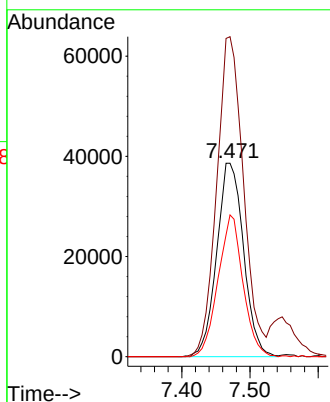
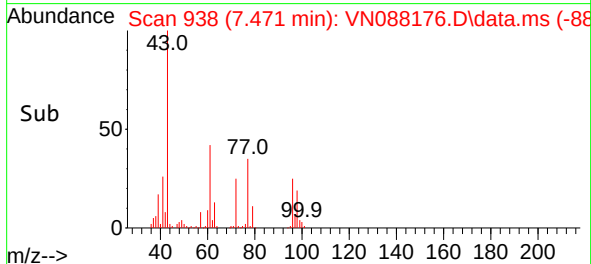
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 96 Resp: 10591
Ion Ratio Lower Upper
96 100
61 165.0 0.0 301.8
98 67.9 0.0 126.2

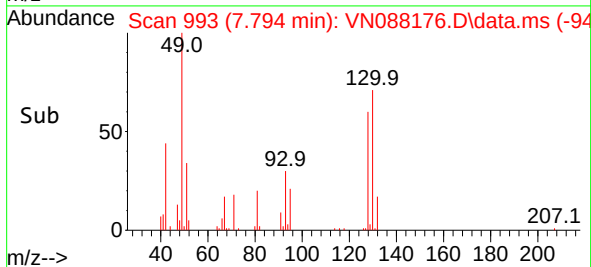
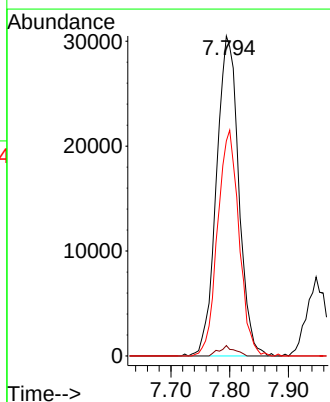
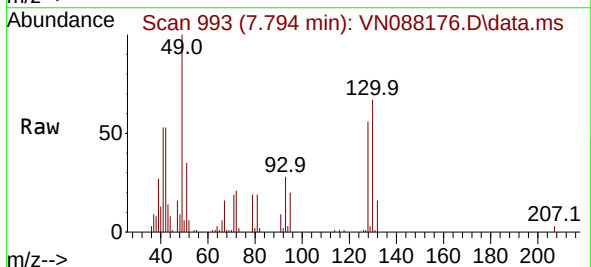
Manual Integrations
APPROVED

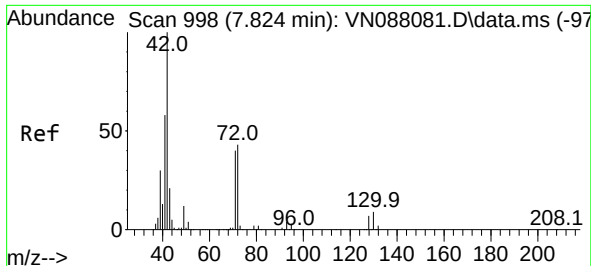
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#28
Bromochloromethane
Concen: 18.104 ug/l
RT: 7.794 min Scan# 993
Delta R.T. -0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Tgt Ion: 49 Resp: 80331
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.0
130 67.9 53.1 79.7





#29

Tetrahydrofuran

Concen: 92.616 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 42 Resp: 25284

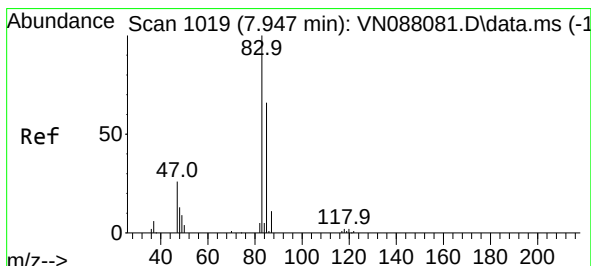
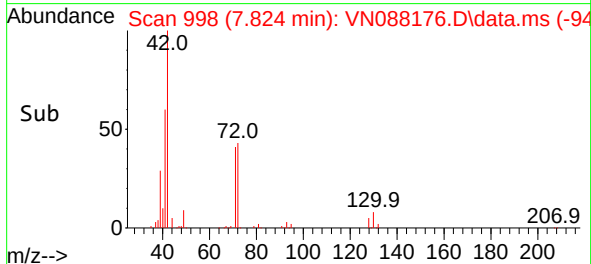
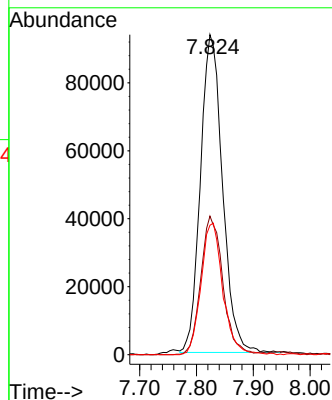
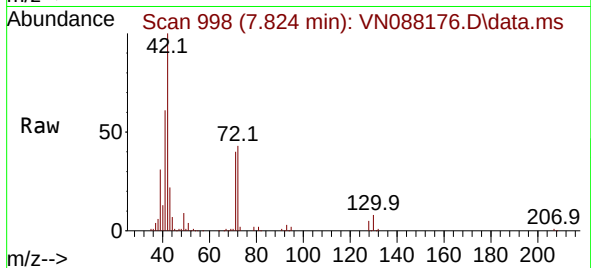
Ion	Ratio	Lower	Upper
42	100		
72	43.4	33.7	50.5
71	40.8	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#30

Chloroform

Concen: 19.566 ug/l

RT: 7.947 min Scan# 1019

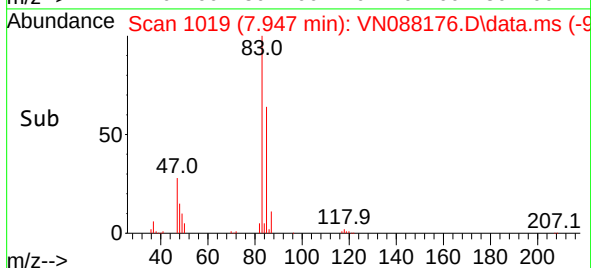
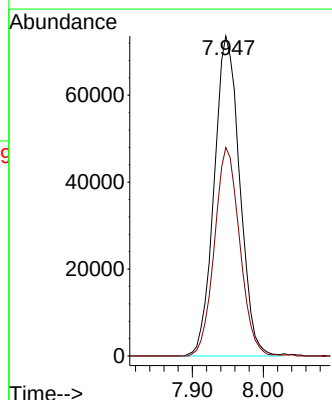
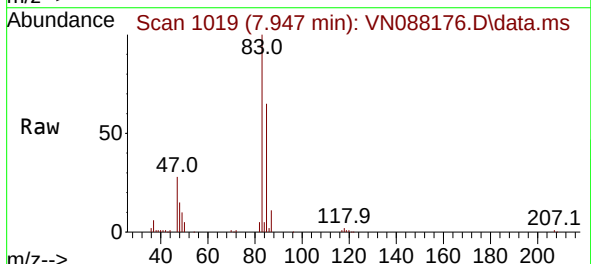
Delta R.T. -0.000 min

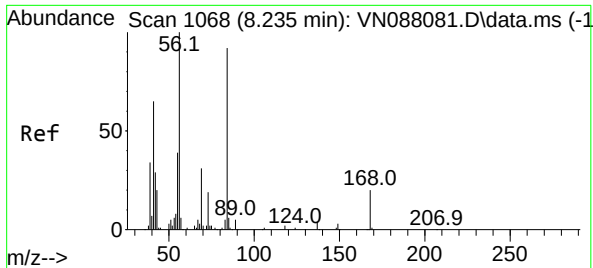
Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

Tgt Ion: 83 Resp: 183559

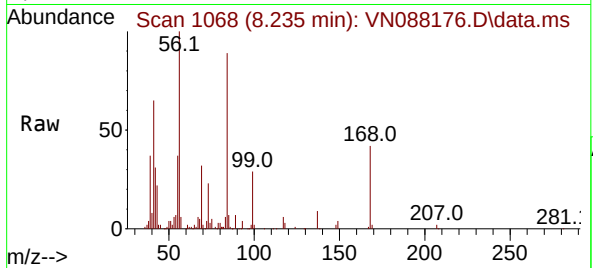
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.7	76.1





#31
Cyclohexane
Concen: 19.077 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

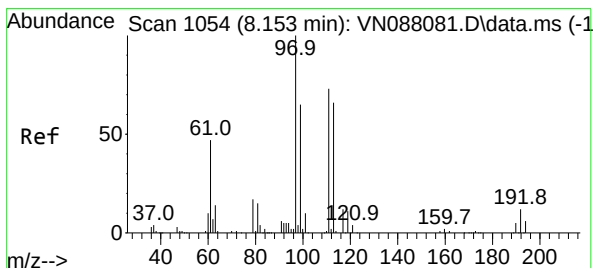
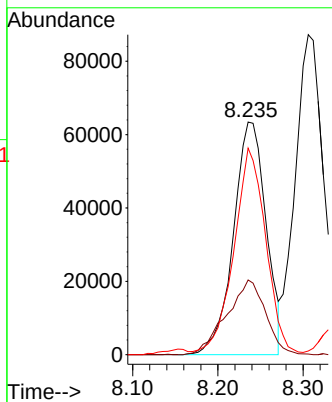
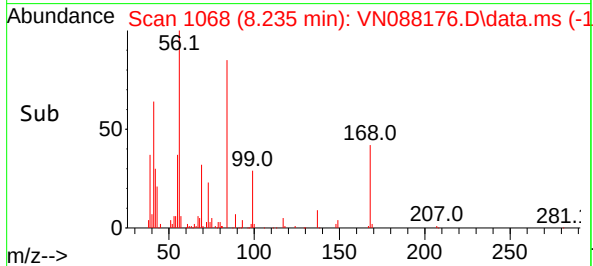
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



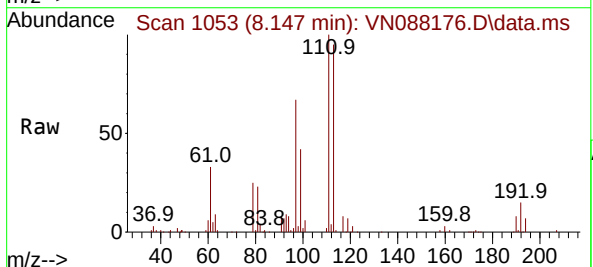
Tgt Ion: 56 Resp: 168962
Ion Ratio Lower Upper
56 100
69 32.1 23.7 35.5
84 86.2 64.7 97.1

Manual Integrations
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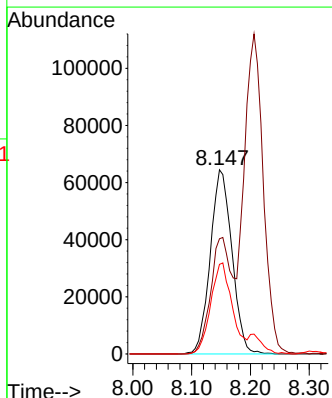
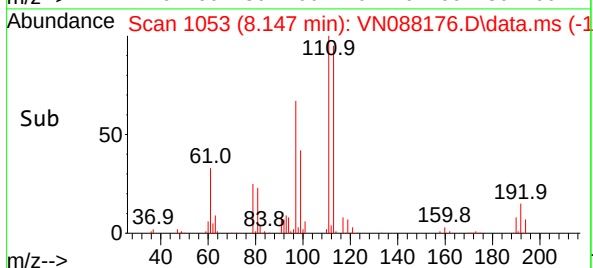
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

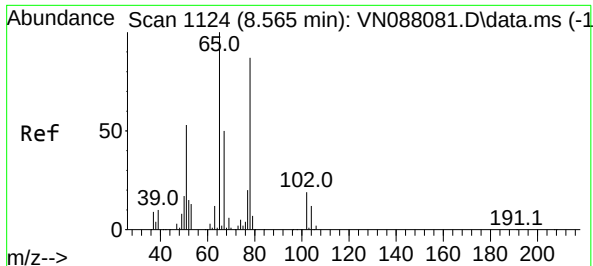


#32
1,1,1-Trichloroethane
Concen: 19.784 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



Tgt Ion: 97 Resp: 165303
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 49.3 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 51.760 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 65 Resp: 32749

Ion Ratio Lower Upper

65 100

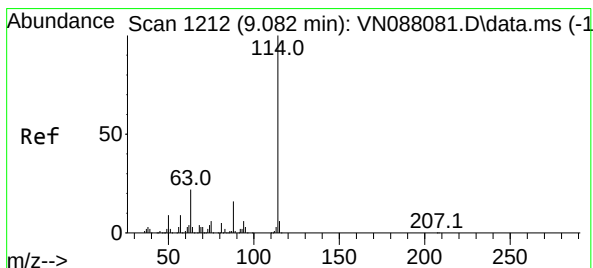
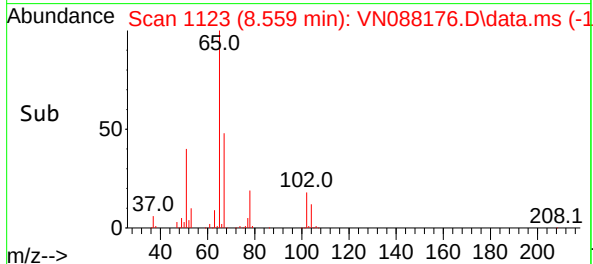
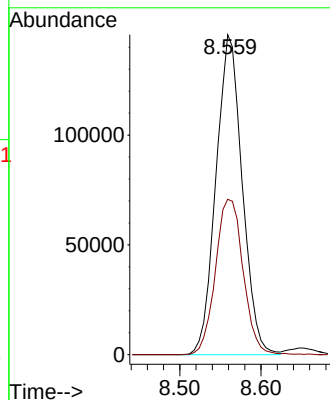
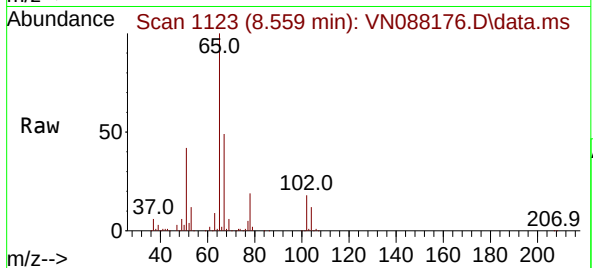
67 51.3 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

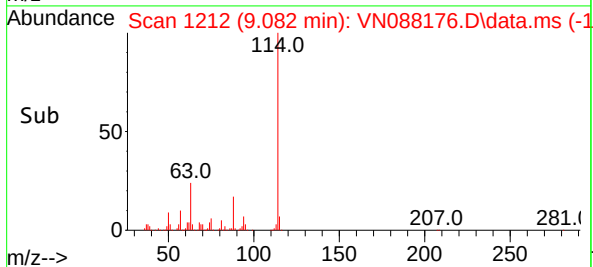
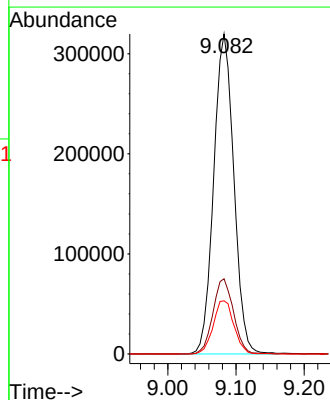
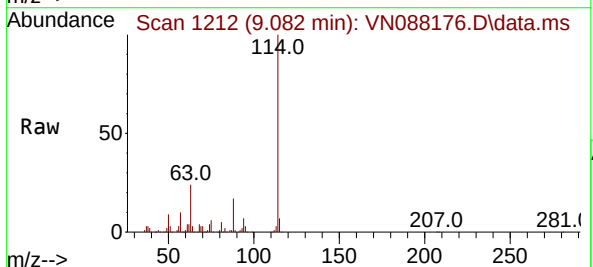
Tgt Ion:114 Resp: 658623

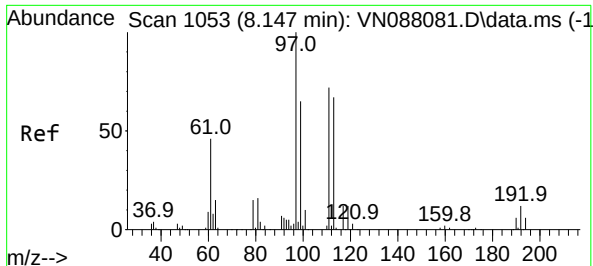
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.2

88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.011 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion:113 Resp: 225700

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

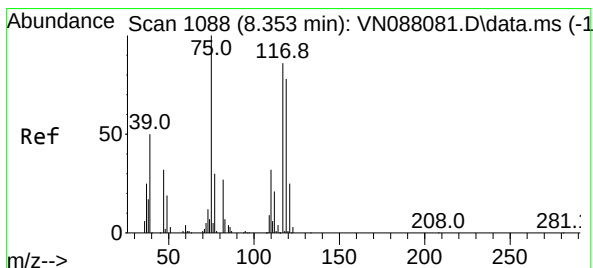
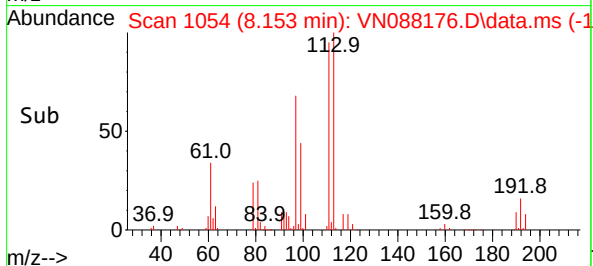
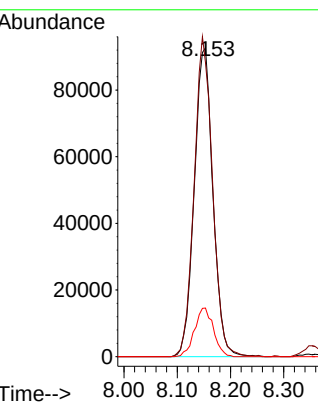
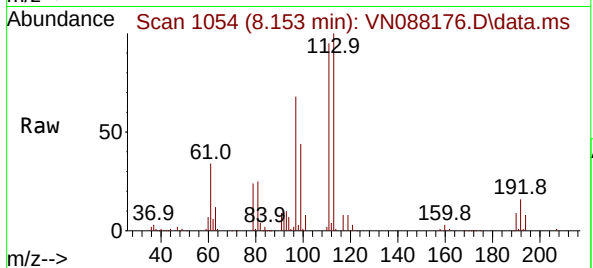
192 16.0 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#36

1,1-Dichloropropene

Concen: 20.454 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

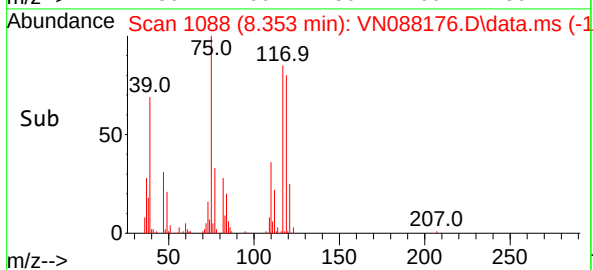
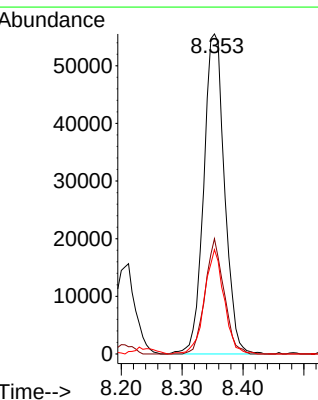
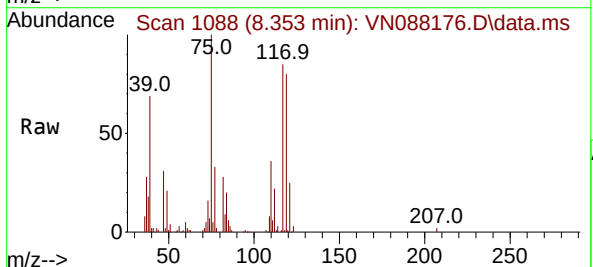
Tgt Ion: 75 Resp: 132144

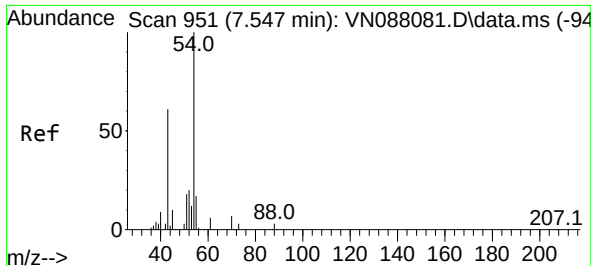
Ion Ratio Lower Upper

75 100

110 32.6 15.9 47.6

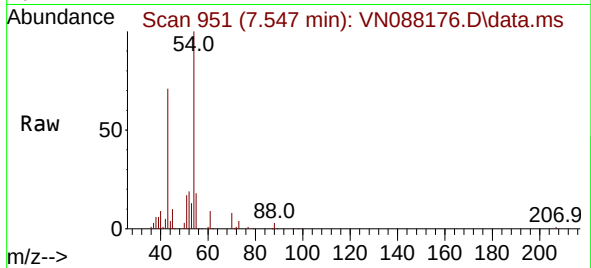
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 19.590 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

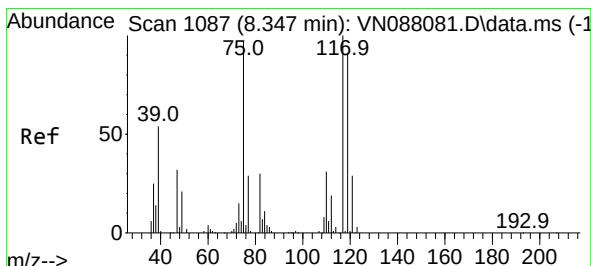
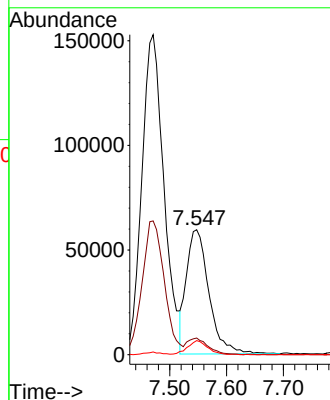
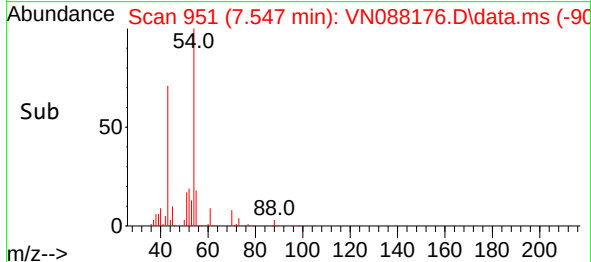
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 43 Resp: 163329
Ion Ratio Lower Upper
43 100
61 12.4 9.3 13.9
70 9.6 7.0 10.6

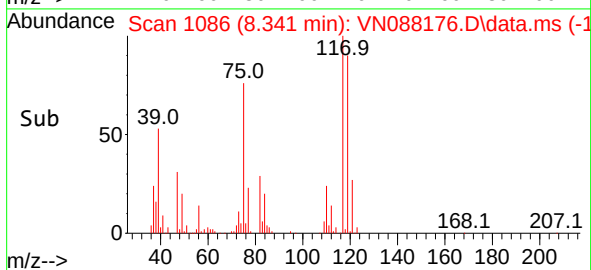
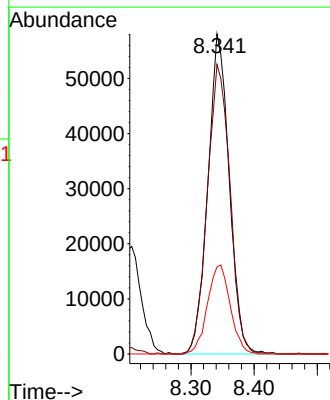
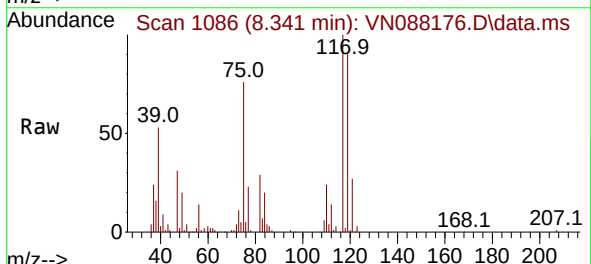
Manual Integrations
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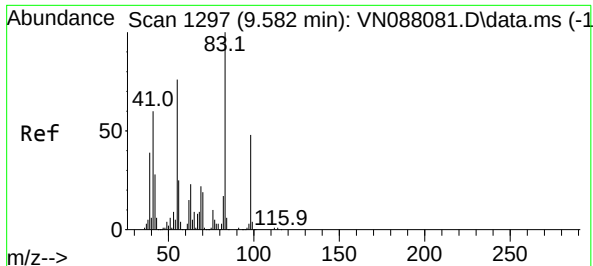
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#38
Carbon Tetrachloride
Concen: 20.452 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Tgt Ion:117 Resp: 136470
Ion Ratio Lower Upper
117 100
119 90.4 79.0 118.6
121 27.2 25.0 37.6





#39

Methylcyclohexane

Concen: 17.942 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

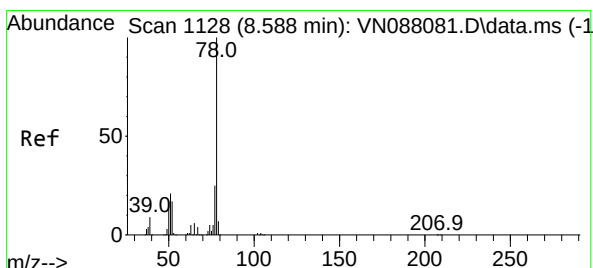
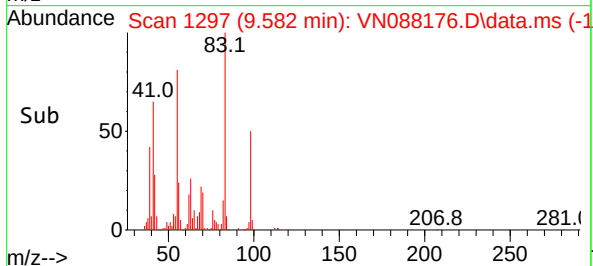
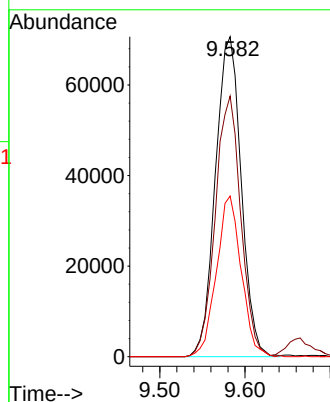
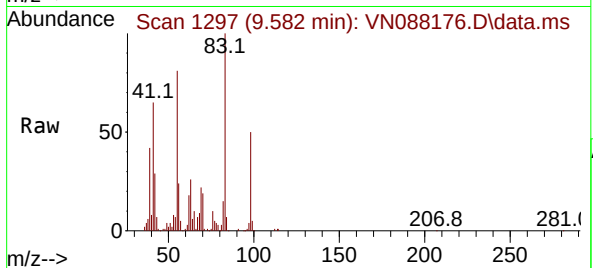
Tgt Ion: 83 Resp: 148990
 Ion Ratio Lower Upper
 83 100
 55 81.5 64.6 96.8
 98 50.2 38.4 57.6

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#40

Benzene

Concen: 19.933 ug/l

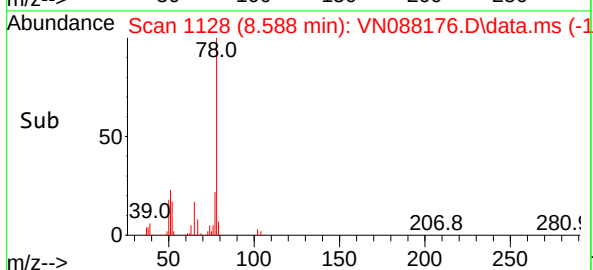
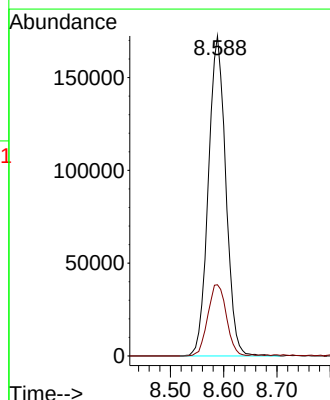
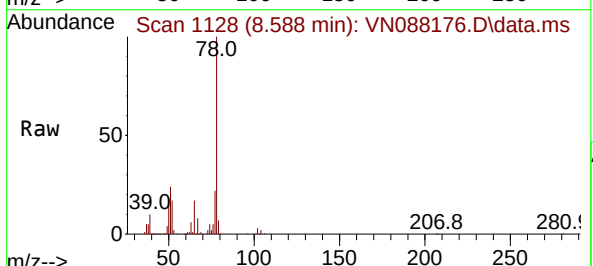
RT: 8.588 min Scan# 1128

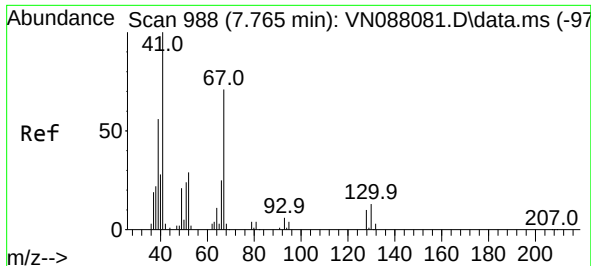
Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

Tgt Ion: 78 Resp: 392192
 Ion Ratio Lower Upper
 78 100
 77 22.2 19.7 29.5





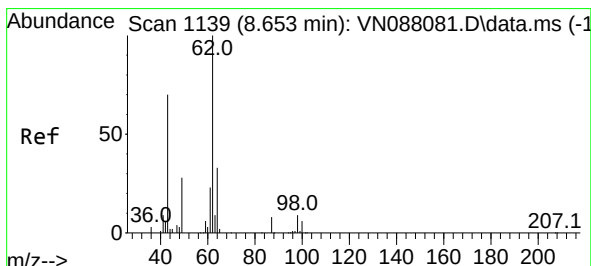
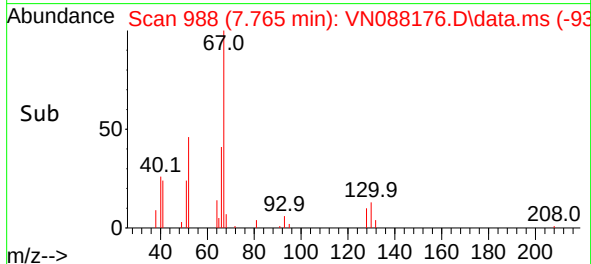
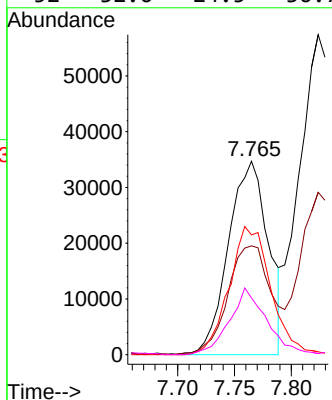
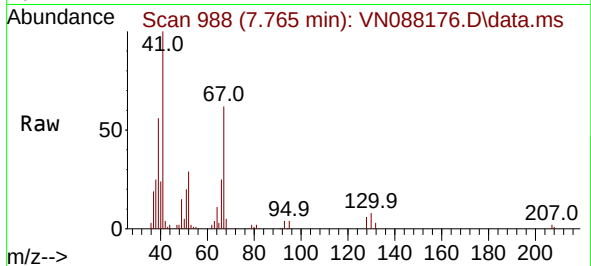
#41
Methacrylonitrile
Concen: 19.331 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 41 Resp: 84820
Ion Ratio Lower Upper
41 100
39 62.6 45.4 68.0
67 69.2 55.3 82.9
52 32.6 24.5 36.7

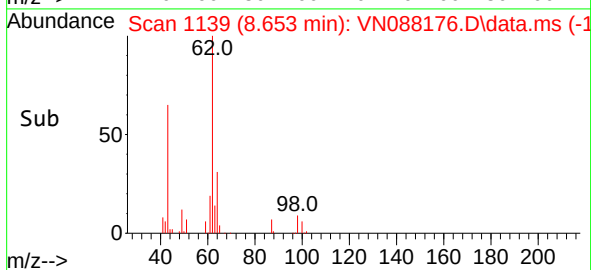
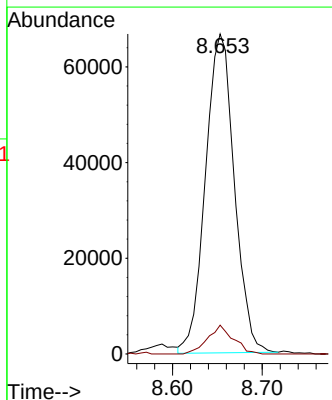
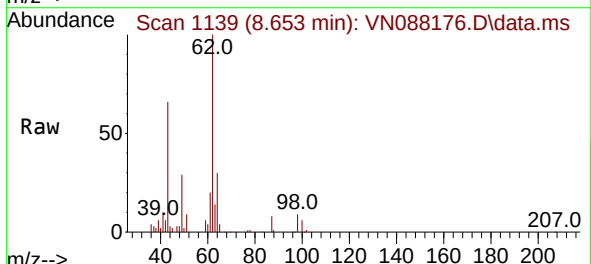
Manual Integrations
APPROVED

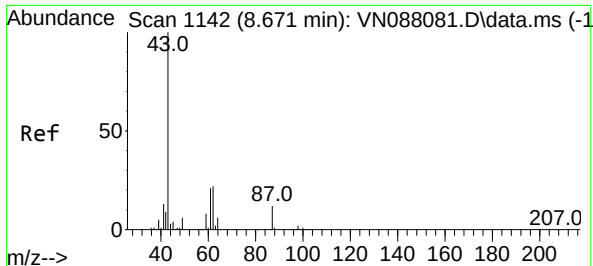
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#42
1,2-Dichloroethane
Concen: 21.328 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

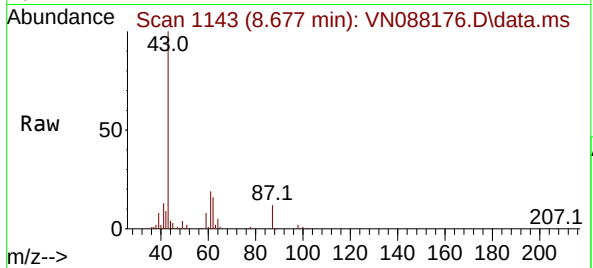
Tgt Ion: 62 Resp: 149103
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.4





#43
Isopropyl Acetate
Concen: 20.457 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

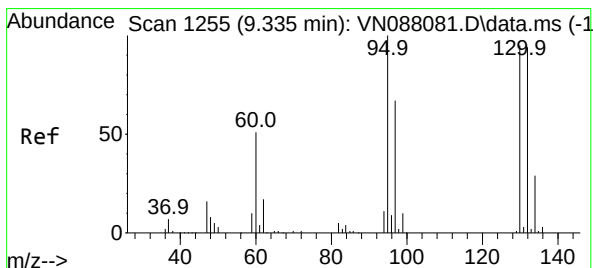
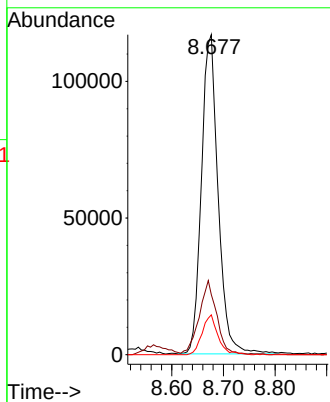
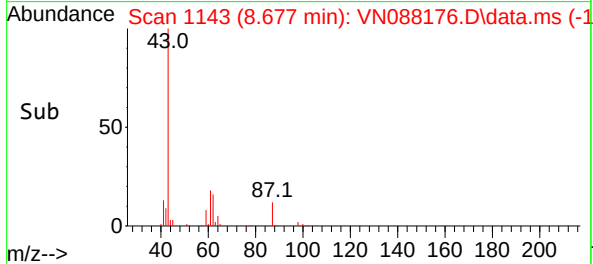
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 43 Resp: 262079
Ion Ratio Lower Upper
43 100
61 24.0 18.8 28.2
87 11.8 9.6 14.4

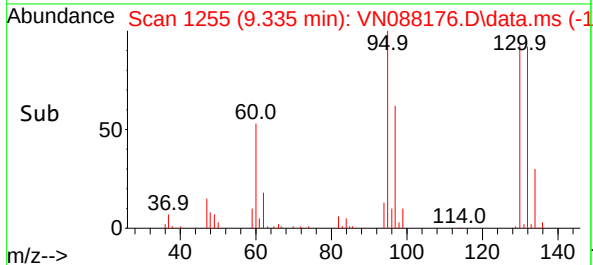
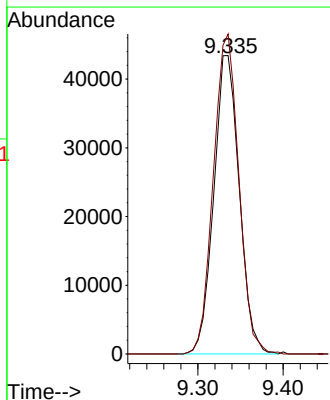
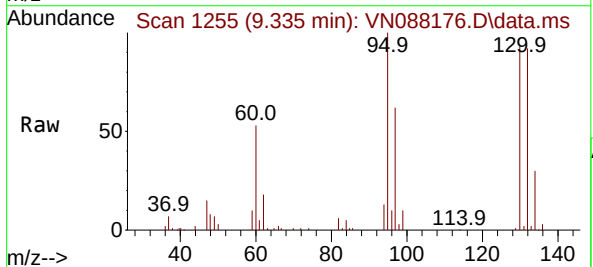
Manual Integrations
APPROVED

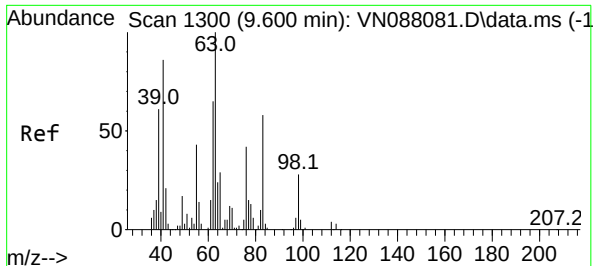
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#44
Trichloroethene
Concen: 19.664 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Tgt Ion:130 Resp: 90431
Ion Ratio Lower Upper
130 100
95 107.2 0.0 212.0





#45

1,2-Dichloropropane

Concen: 20.160 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 63 Resp: 10014

Ion Ratio Lower Upper

63 100

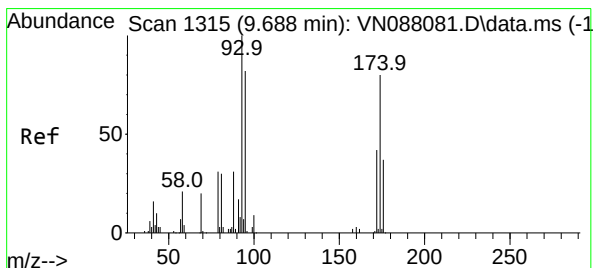
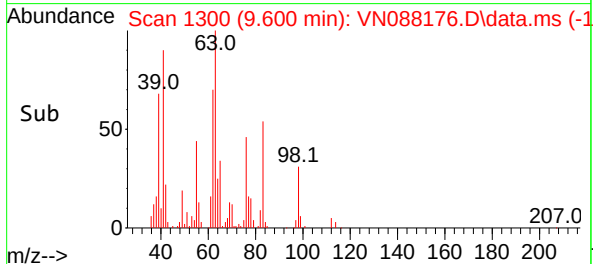
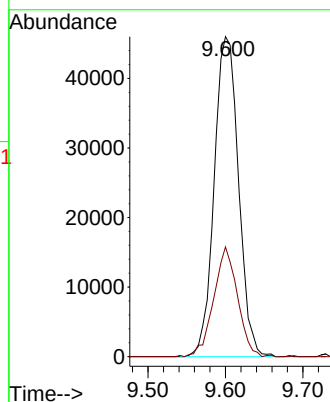
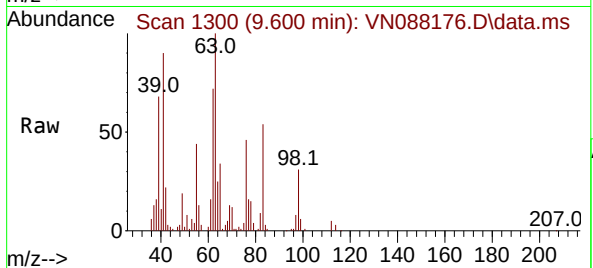
65 34.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#46

Dibromomethane

Concen: 20.131 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

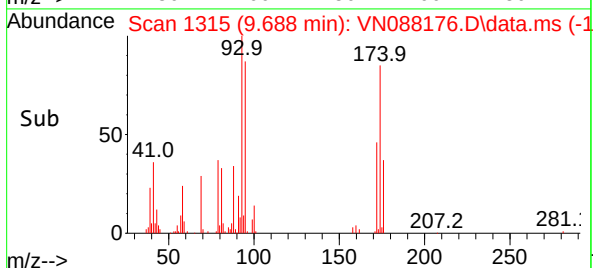
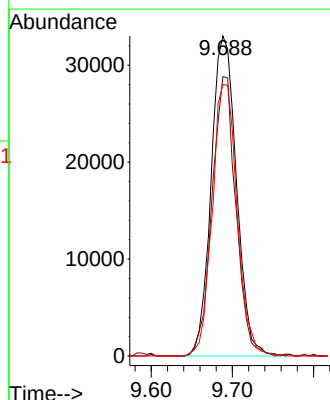
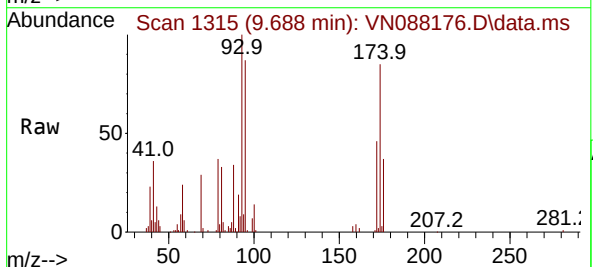
Tgt Ion: 93 Resp: 71318

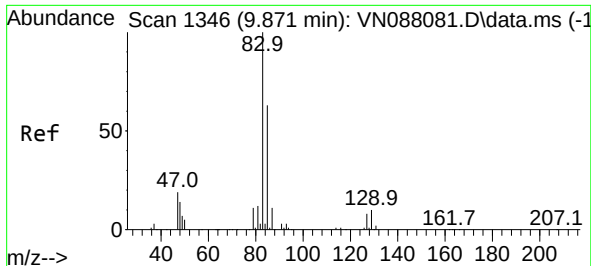
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

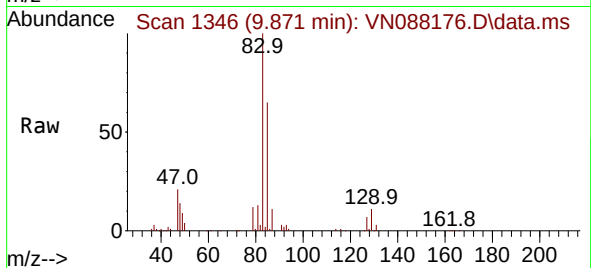
174 83.9 63.4 95.2





#47
Bromodichloromethane
Concen: 20.448 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

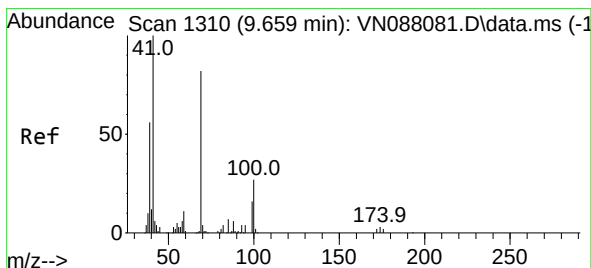
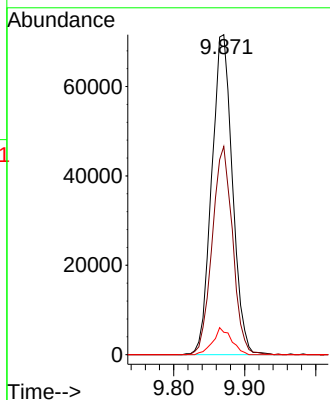
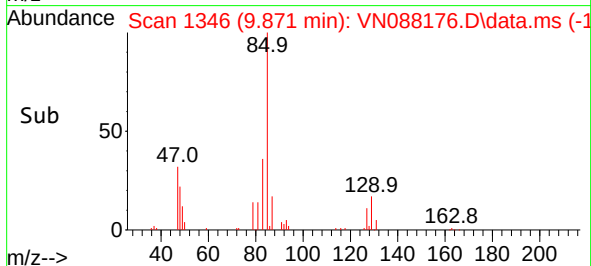
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 83 Resp: 145030
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7
127 7.0 5.8 8.6

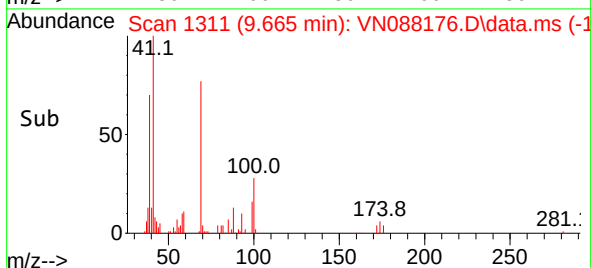
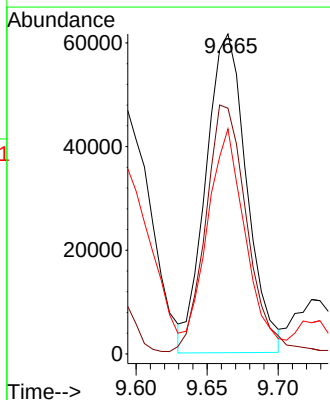
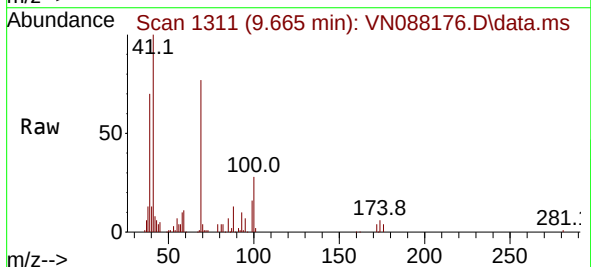
Manual Integrations
APPROVED

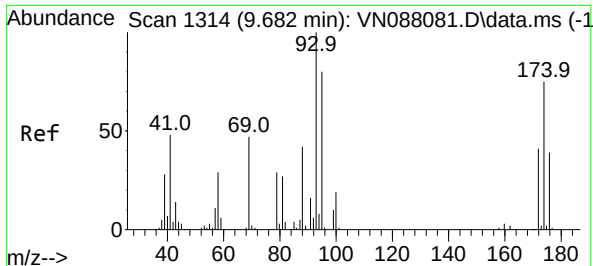
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#48
Methyl methacrylate
Concen: 20.820 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Tgt Ion: 41 Resp: 123141
Ion Ratio Lower Upper
41 100
69 79.9 62.7 94.1
39 66.6 52.9 79.3





#49

1,4-Dioxane

Concen: 415.673 ug/l

RT: 9.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion: 88 Resp: 30578

Ion Ratio Lower Upper

88 100

43 29.9 0.0 0.0

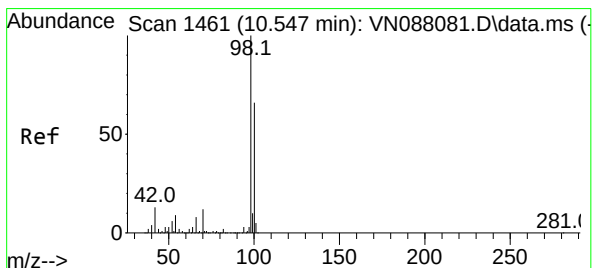
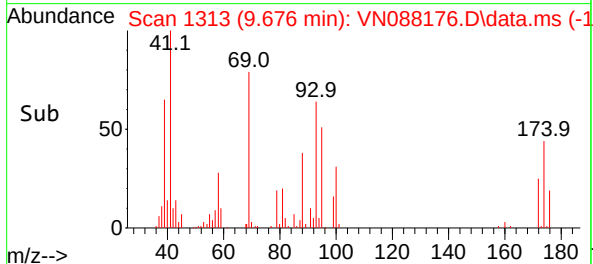
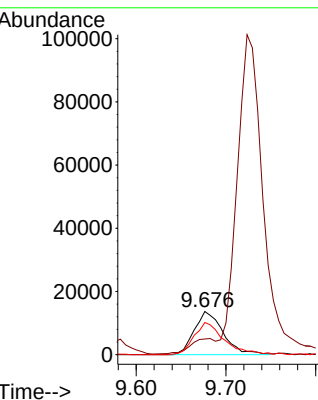
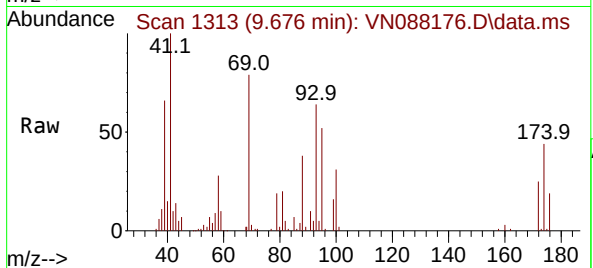
58 78.9 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#50

Toluene-d8

Concen: 50.071 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088176.D

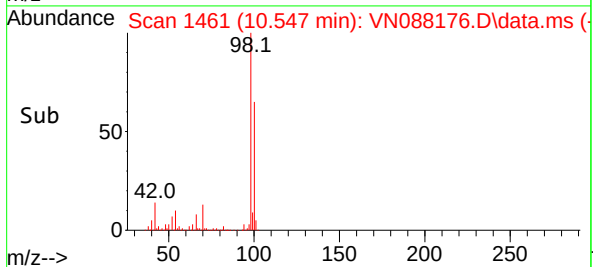
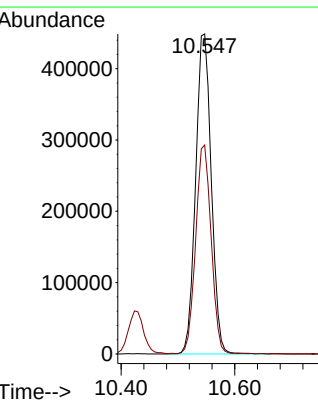
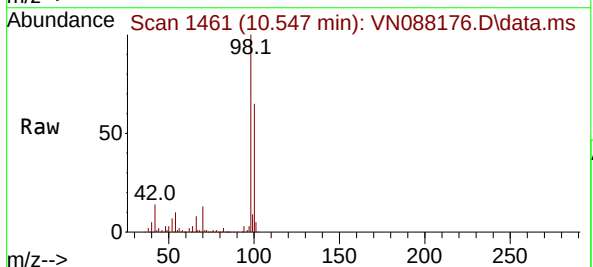
Acq: 31 Oct 2025 10:40

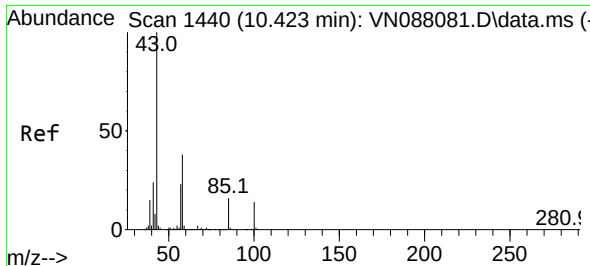
Tgt Ion: 98 Resp: 853668

Ion Ratio Lower Upper

98 100

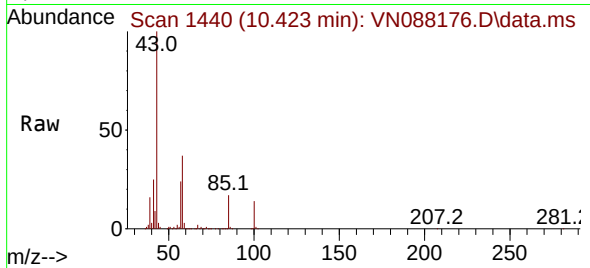
100 64.4 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 105.127 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

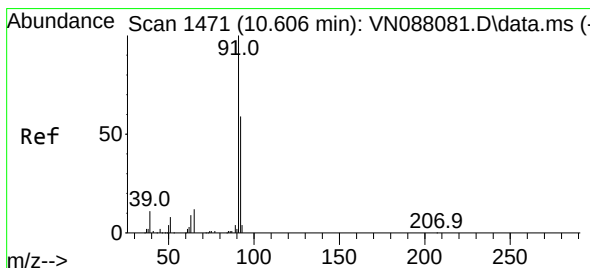
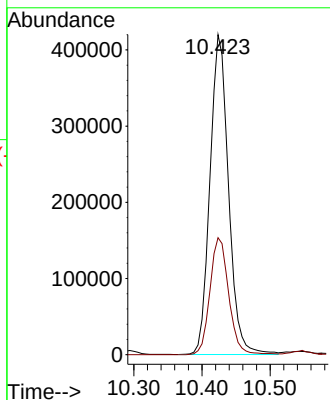
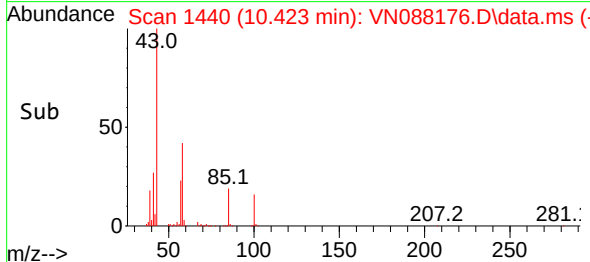
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 43 Resp: 796743
Ion Ratio Lower Upper
43 100
58 36.9 29.6 44.4

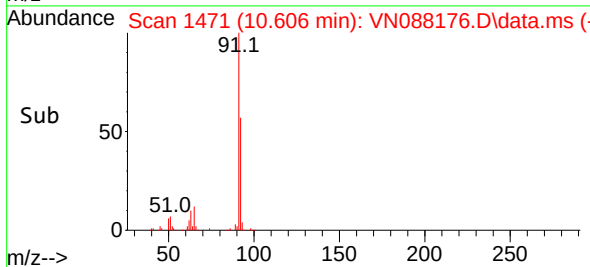
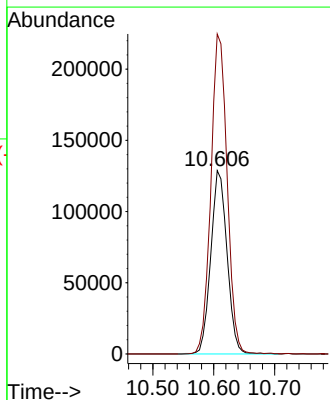
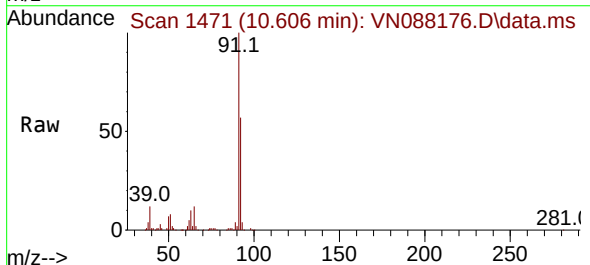
Manual Integrations
APPROVED

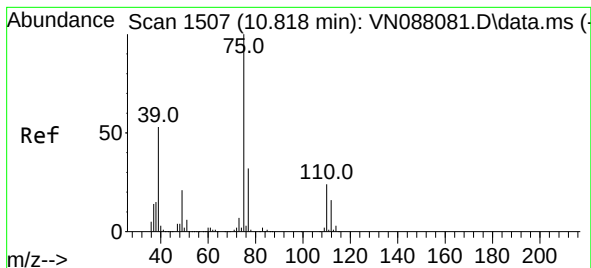
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#52
Toluene
Concen: 19.682 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

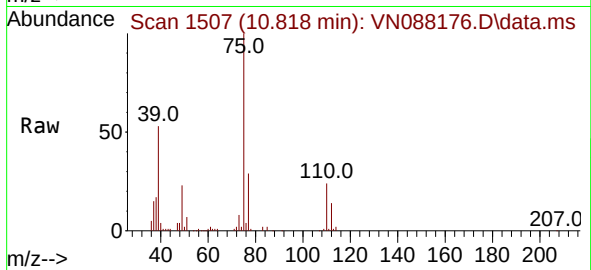
Tgt Ion: 92 Resp: 238757
Ion Ratio Lower Upper
92 100
91 174.5 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 20.461 ug/l
RT: 10.818 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

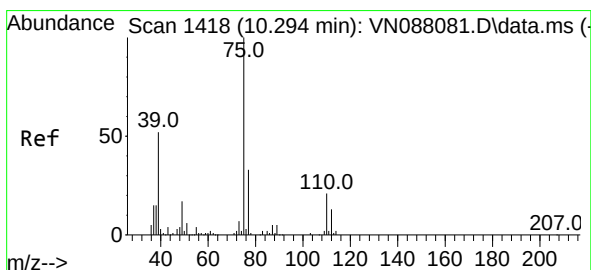
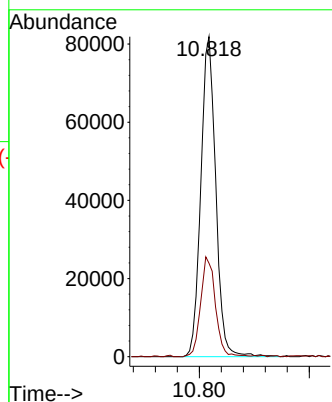
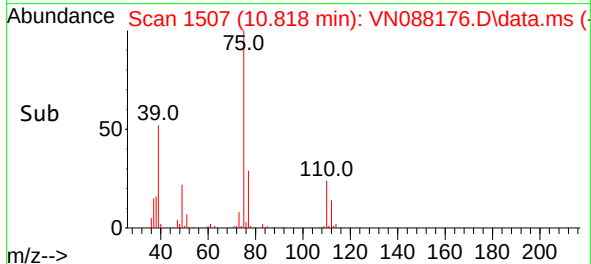
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



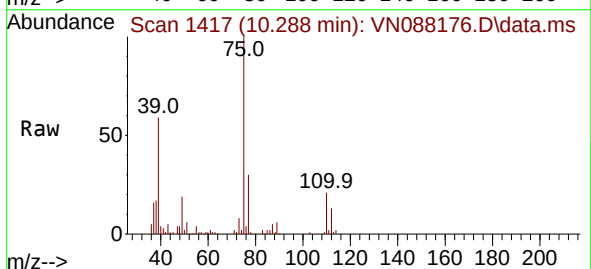
Tgt Ion: 75 Resp: 154459
Ion Ratio Lower Upper
75 100
77 29.2 25.2 37.8

Manual Integrations
APPROVED

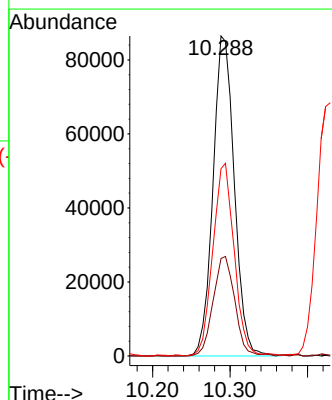
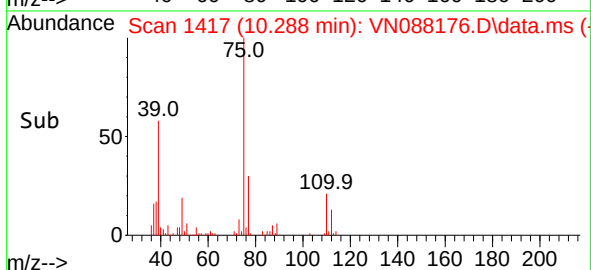
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

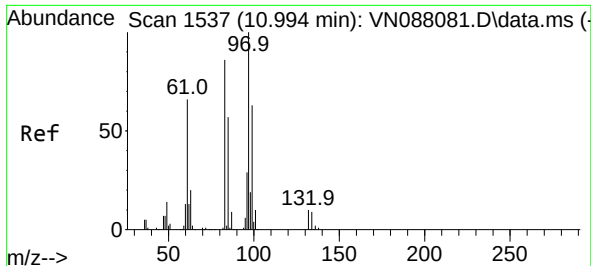


#54
cis-1,3-Dichloropropene
Concen: 20.674 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



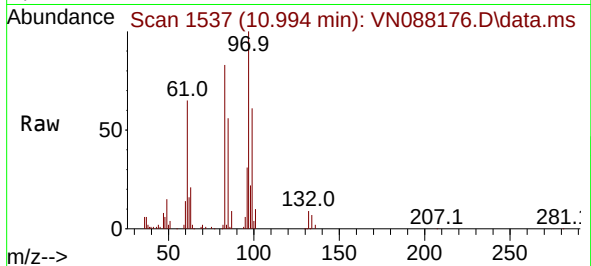
Tgt Ion: 75 Resp: 165605
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0
39 58.3 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 19.610 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

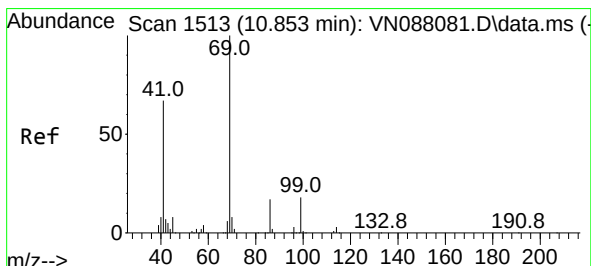
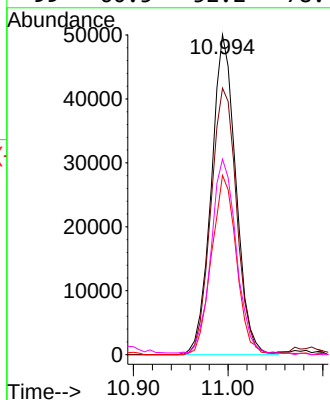
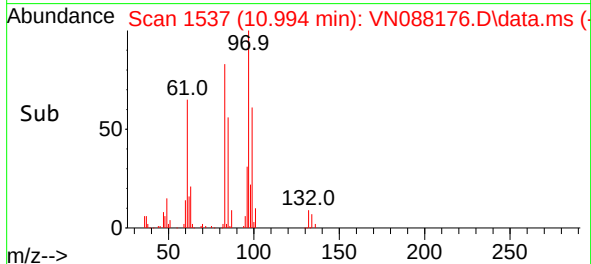
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



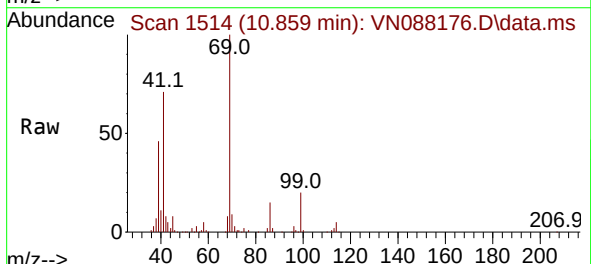
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.2	102.4
85	56.1	45.5	68.3
99	60.5	52.2	78.4

Manual Integrations
APPROVED

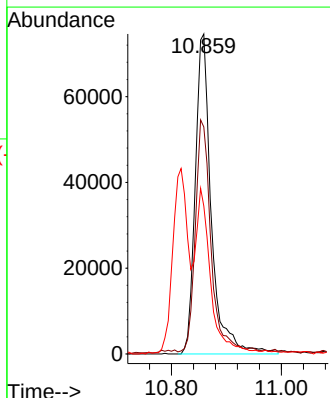
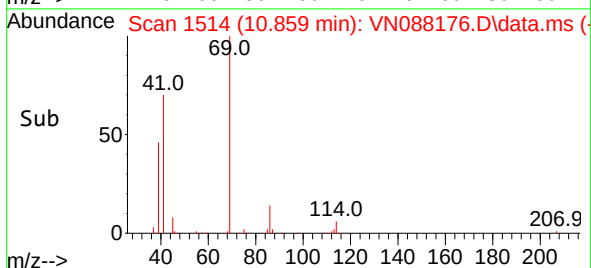
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

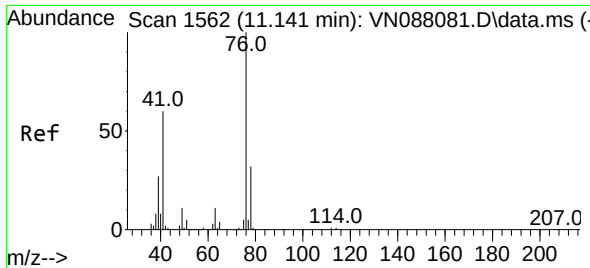


#56
Ethyl methacrylate
Concen: 20.898 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



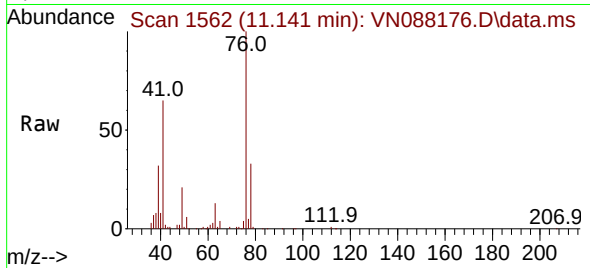
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.5	56.5	84.7
39	46.9	34.2	51.4





#57
1,3-Dichloropropane
Concen: 20.104 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

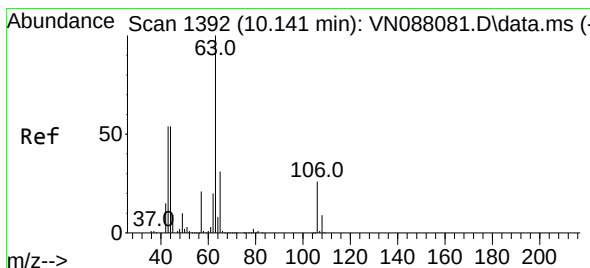
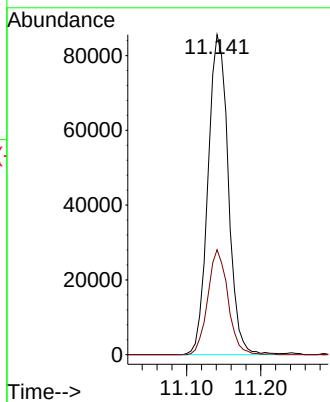
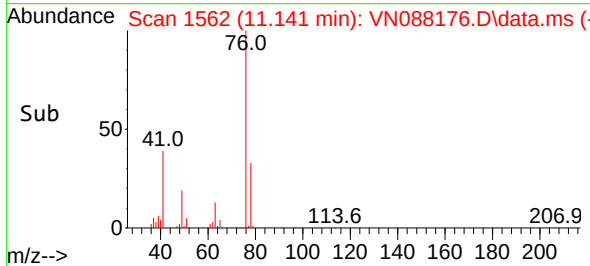
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 76 Resp: 162624
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4

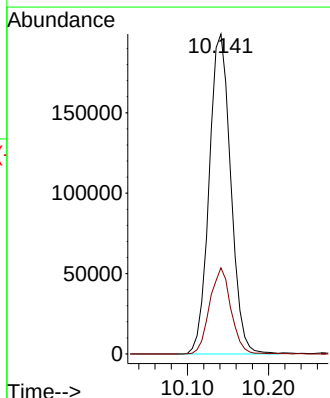
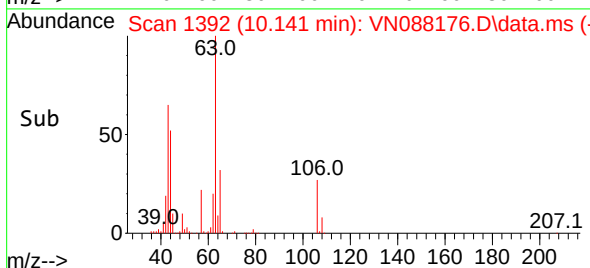
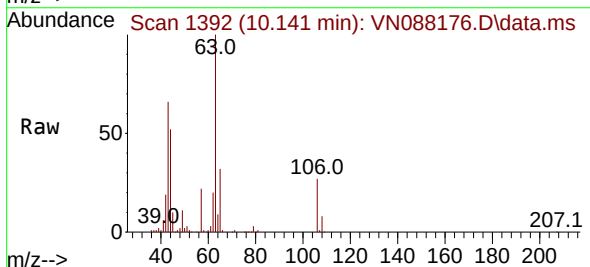
Manual Integrations
APPROVED

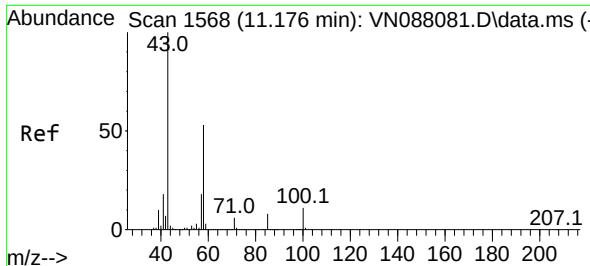
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 96.998 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

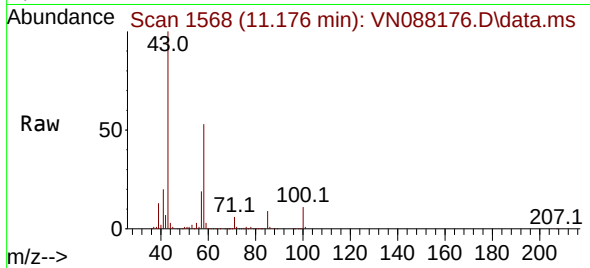
Tgt Ion: 63 Resp: 367462
Ion Ratio Lower Upper
63 100
106 26.5 21.1 31.7





#59
2-Hexanone
Concen: 104.526 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

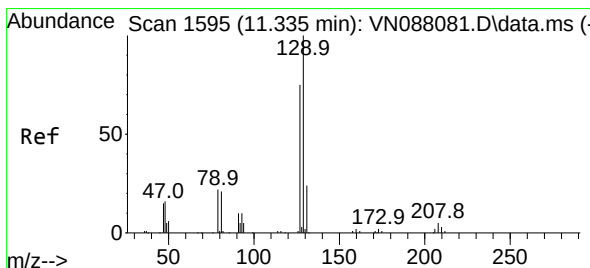
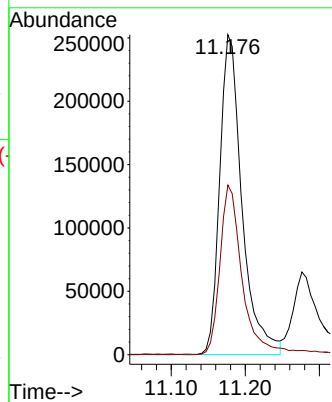
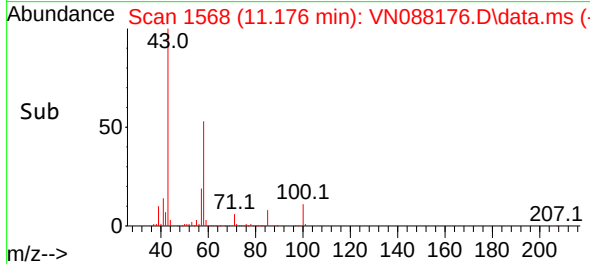
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 43 Resp: 525520
Ion Ratio Lower Upper
43 100
58 54.8 25.9 77.8

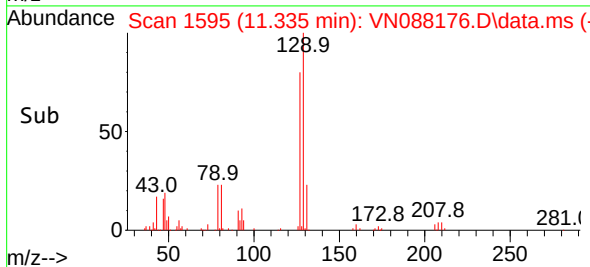
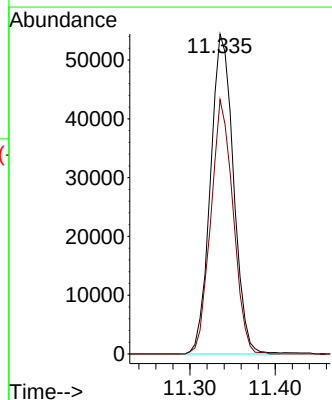
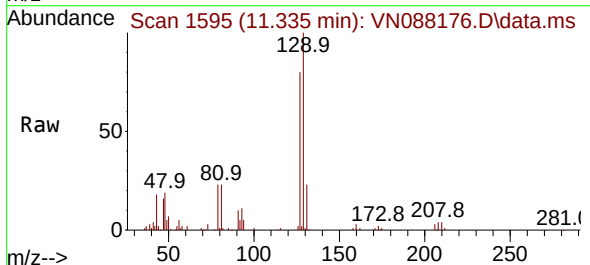
Manual Integrations
APPROVED

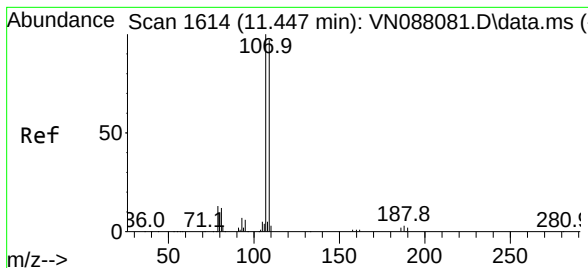
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#60
Dibromochloromethane
Concen: 19.525 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

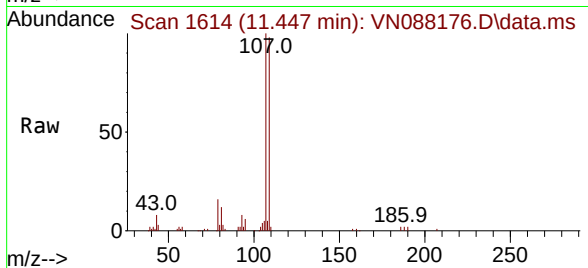
Tgt Ion:129 Resp: 102136
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





#61
1,2-Dibromoethane
Concen: 19.412 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

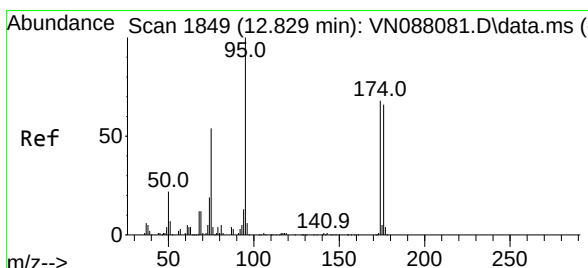
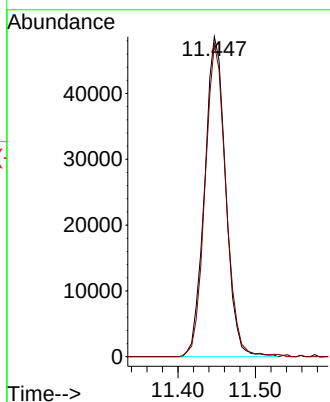
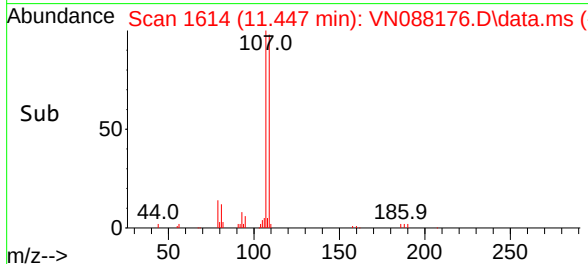
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion:107 Resp: 91944
Ion Ratio Lower Upper
107 100
109 96.8 74.7 112.1

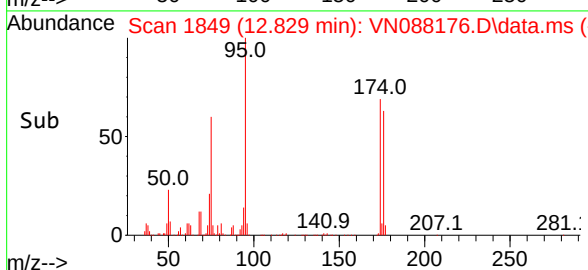
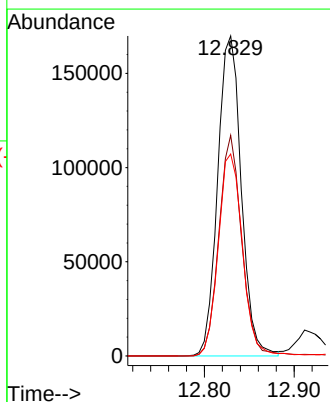
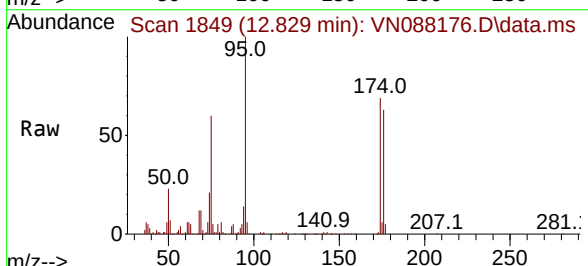
Manual Integrations
APPROVED

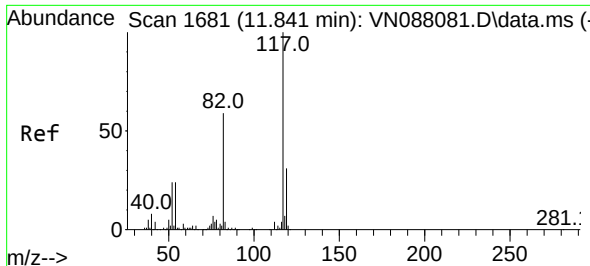
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#62
4-Bromofluorobenzene
Concen: 51.557 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

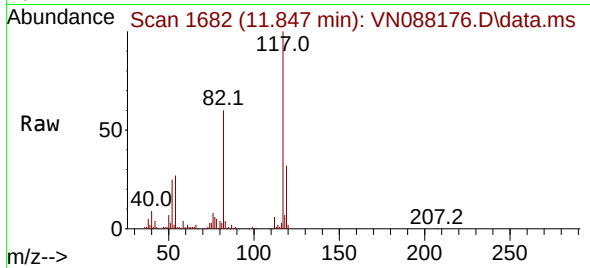
Tgt Ion: 95 Resp: 310429
Ion Ratio Lower Upper
95 100
174 66.7 0.0 138.4
176 64.8 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

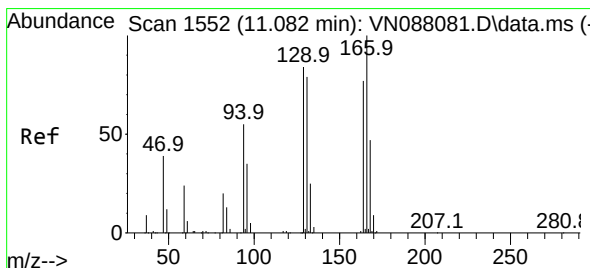
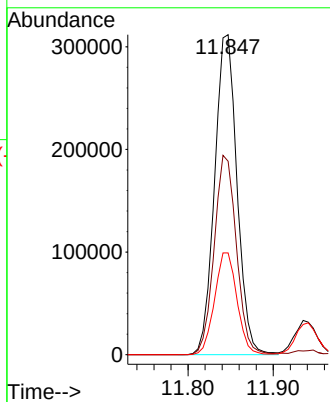
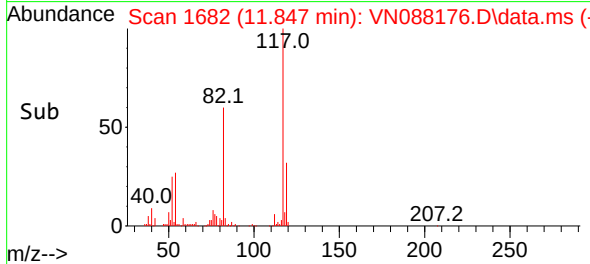
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



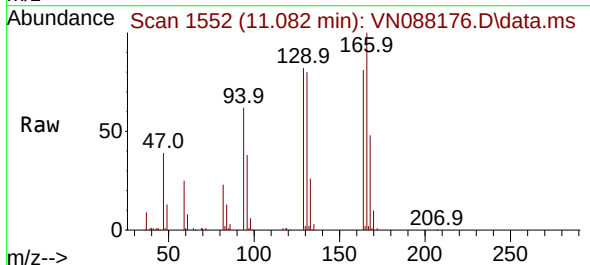
Tgt Ion:117 Resp: 570292
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 31.8 24.3 36.5

Manual Integrations
APPROVED

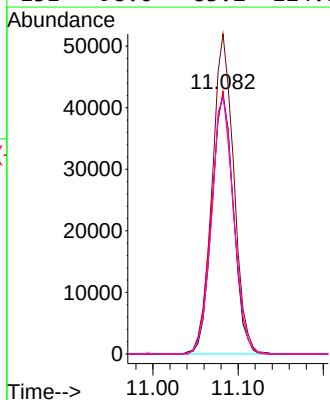
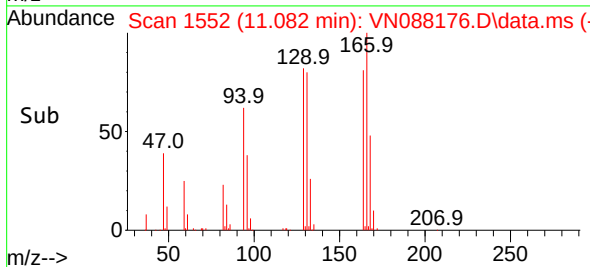
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

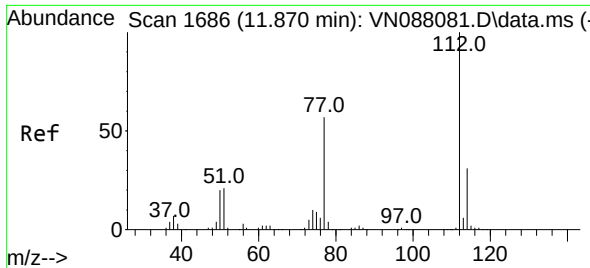


#64
Tetrachloroethene
Concen: 19.846 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



Tgt Ion:164 Resp: 74655
Ion Ratio Lower Upper
164 100
166 123.2 97.7 146.5
129 101.2 85.9 128.9
131 98.6 83.2 124.8





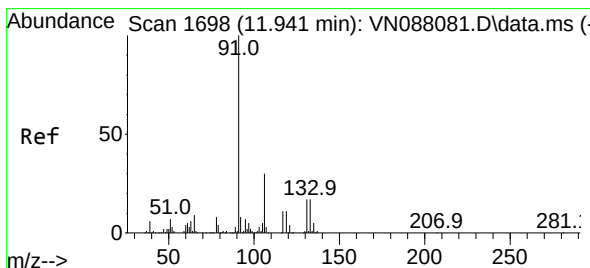
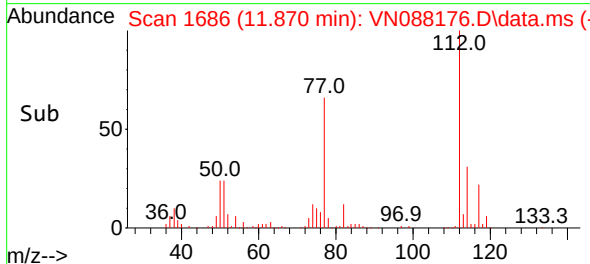
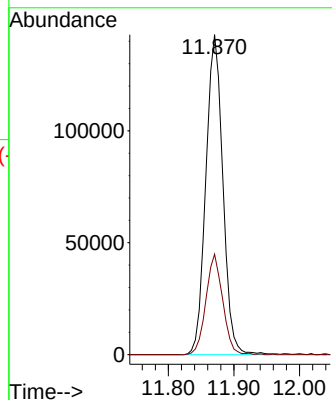
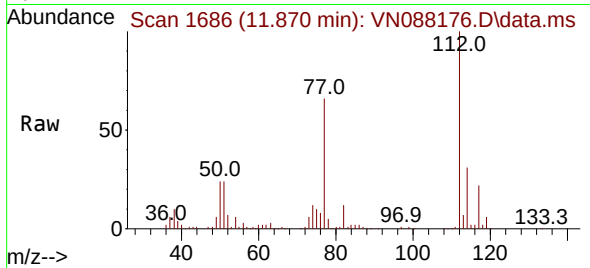
#65
Chlorobenzene
Concen: 19.984 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion:112 Resp: 25878
Ion Ratio Lower Upper
112 100
114 31.4 24.3 36.5

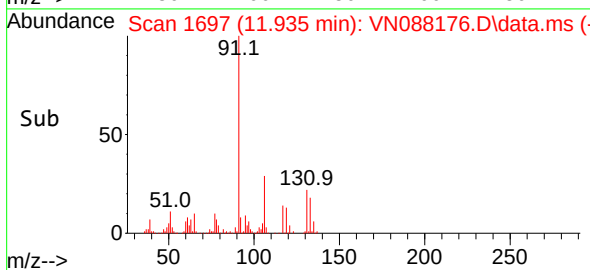
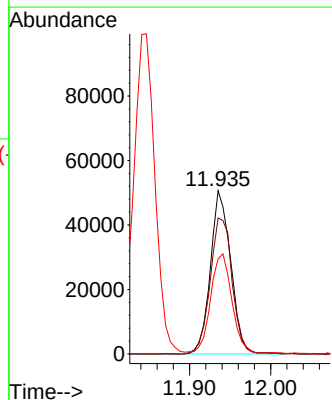
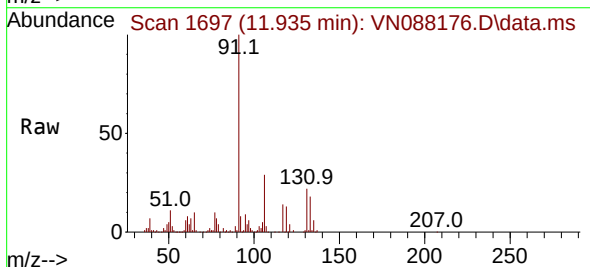
Manual Integrations
APPROVED

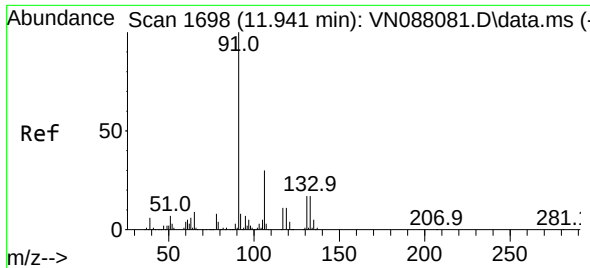
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.778 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

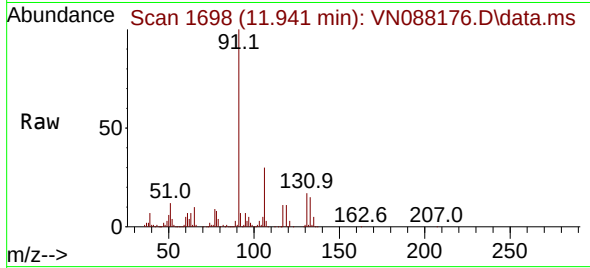
Tgt Ion:131 Resp: 88152
Ion Ratio Lower Upper
131 100
133 90.4 48.0 144.0
119 63.2 32.6 97.7





#67
Ethyl Benzene
Concen: 20.666 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

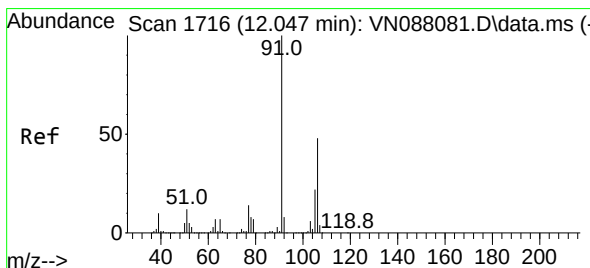
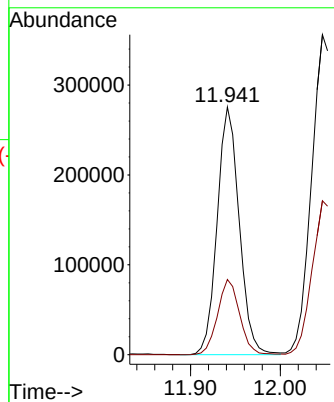
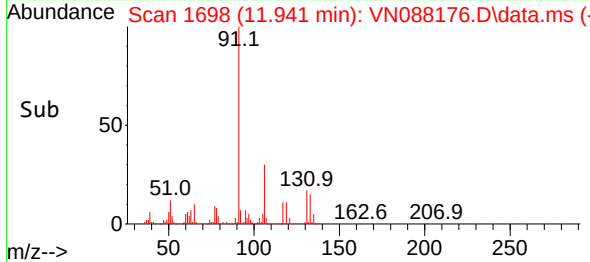
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



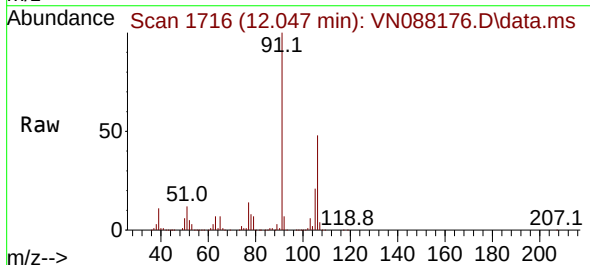
Tgt Ion: 91 Resp: 469748
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1

Manual Integrations
APPROVED

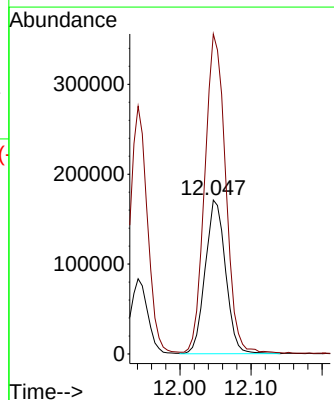
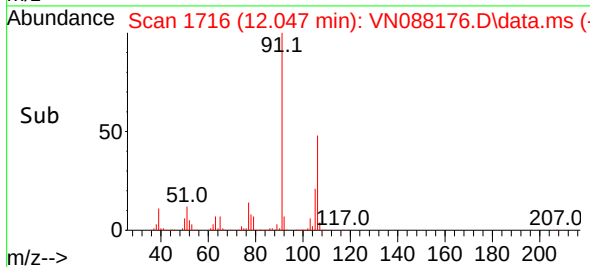
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

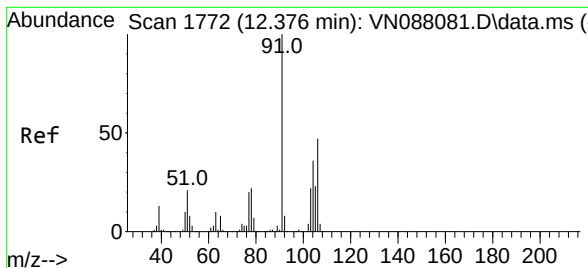


#68
m/p-Xylenes
Concen: 40.102 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



Tgt Ion:106 Resp: 341537
Ion Ratio Lower Upper
106 100
91 212.9 169.3 253.9





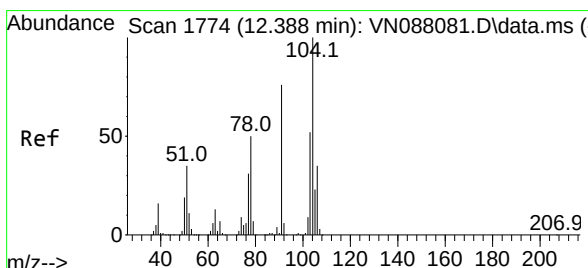
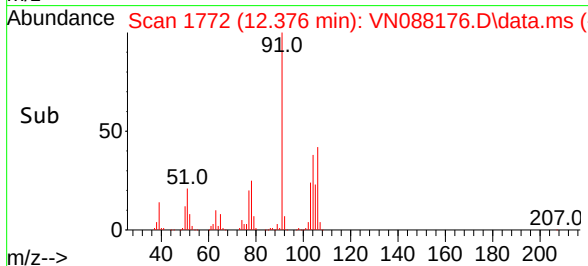
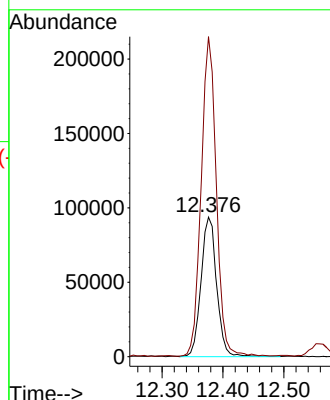
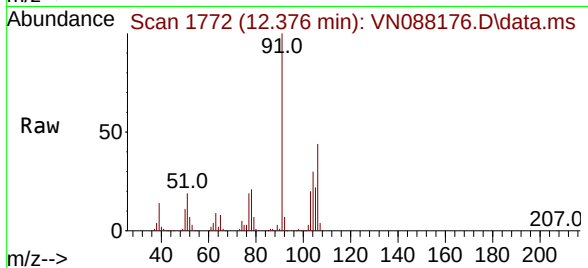
#69
o-Xylene
Concen: 20.736 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion:106 Resp: 167414
Ion Ratio Lower Upper
106 100
91 221.4 111.4 334.2

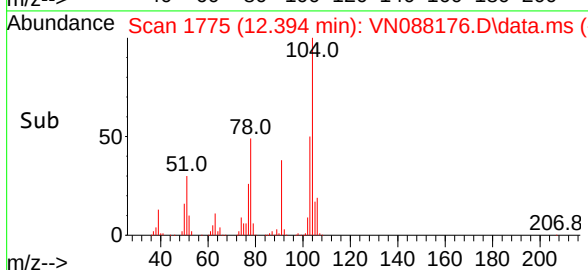
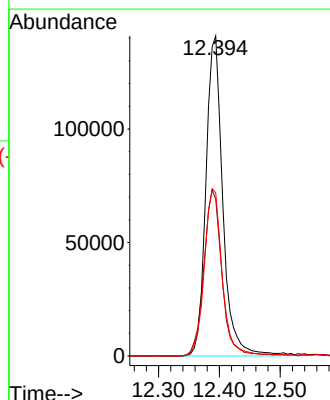
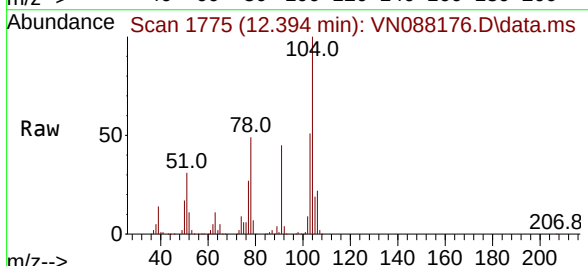
Manual Integrations
APPROVED

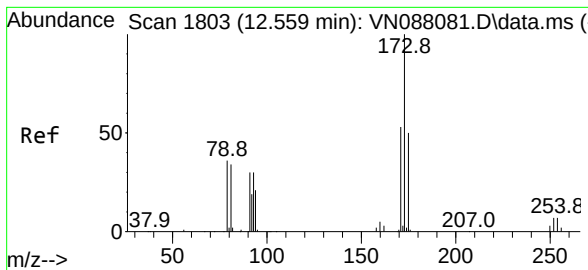
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#70
Styrene
Concen: 20.658 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

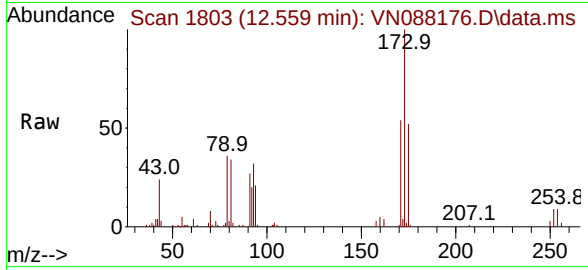
Tgt Ion:104 Resp: 271968
Ion Ratio Lower Upper
104 100
78 55.3 42.2 63.2
103 55.8 43.4 65.2





#71
Bromoform
Concen: 19.700 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

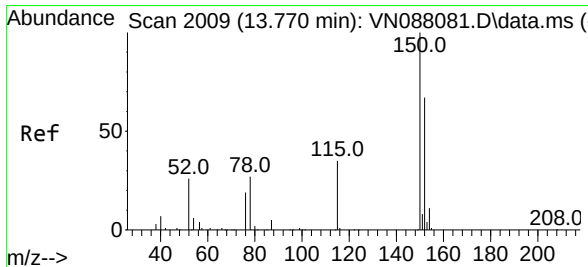
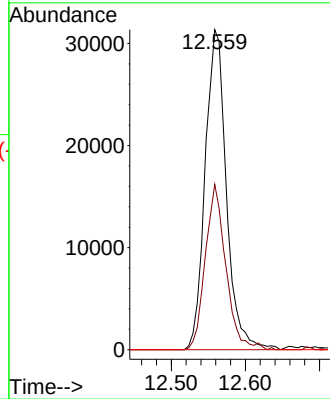
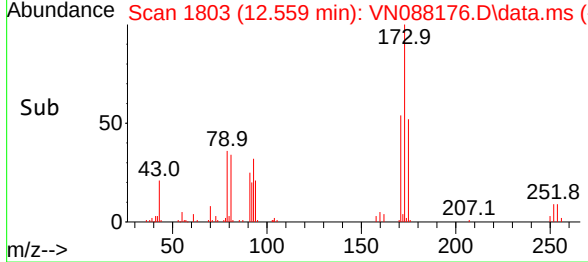
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



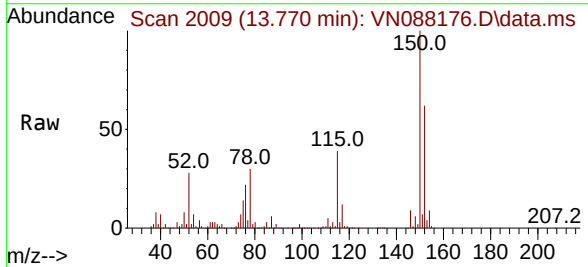
Tgt Ion:173 Resp: 6237
Ion Ratio Lower Upper
173 100
175 50.0 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

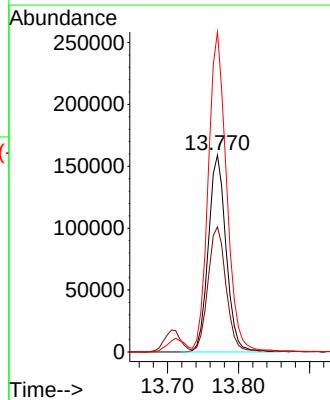
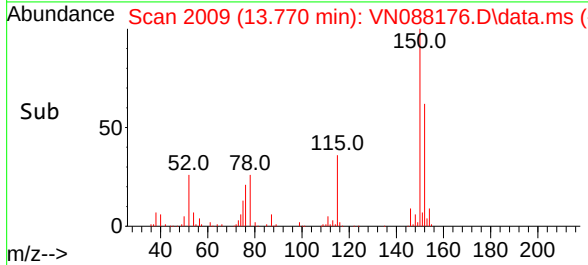
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

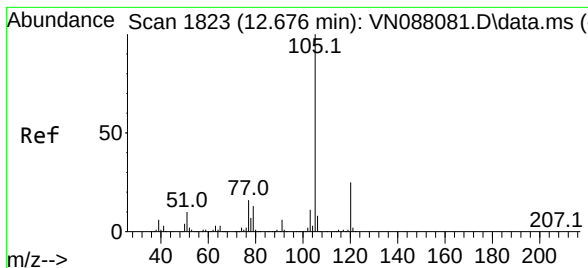


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



Tgt Ion:152 Resp: 276898
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 166.1 0.0 351.0





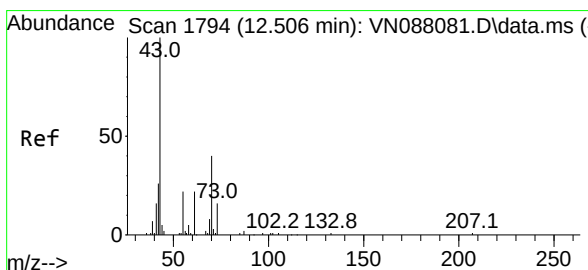
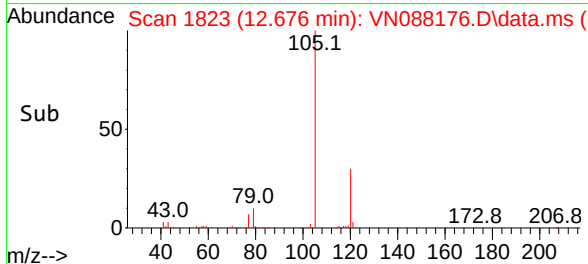
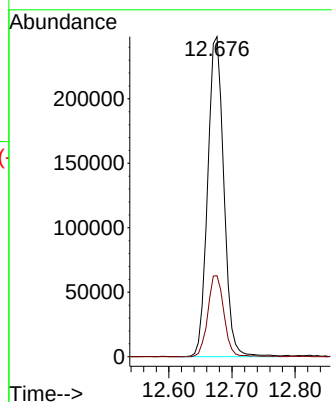
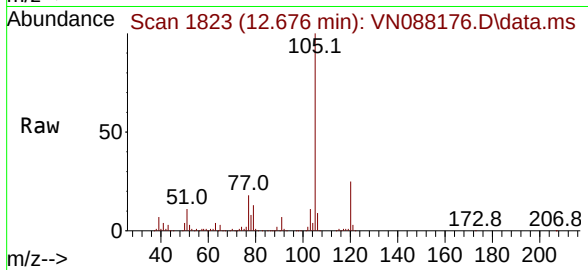
#73
Isopropylbenzene
Concen: 20.679 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion:105 Resp: 44163
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3

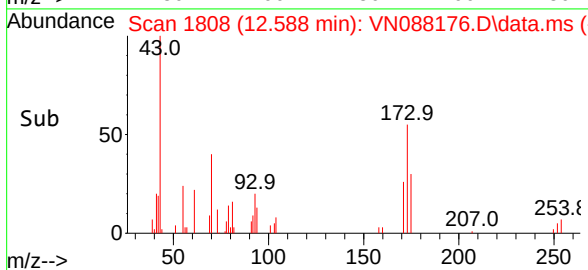
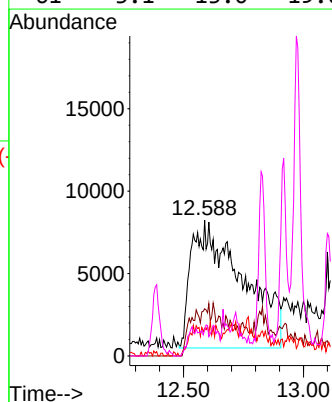
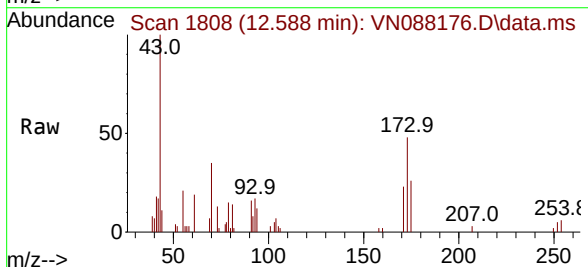
Manual Integrations
APPROVED

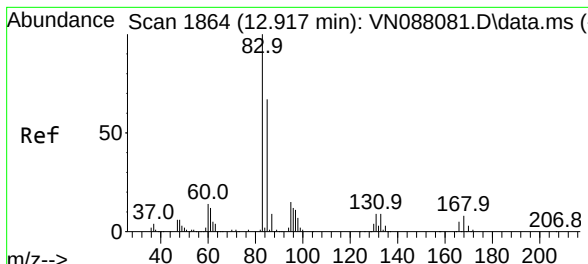
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#74
N-ethyl acetate
Concen: 18.899 ug/l m
RT: 12.588 min Scan# 1808
Delta R.T. 0.088 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

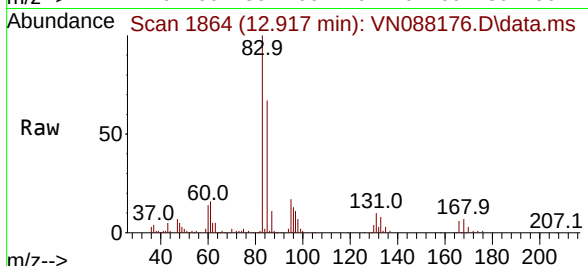
Tgt Ion: 43 Resp: 114579
Ion Ratio Lower Upper
43 100
70 7.8 27.6 41.4#
55 4.9 13.0 19.6#
61 3.1 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.464 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

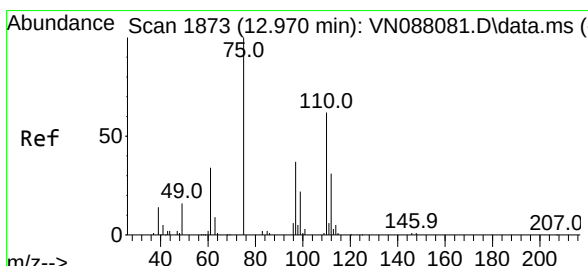
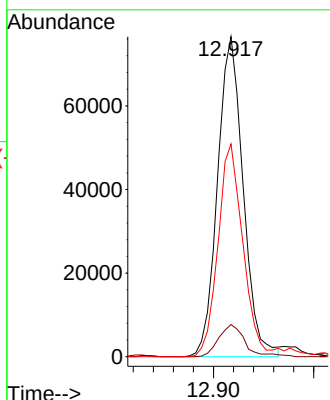
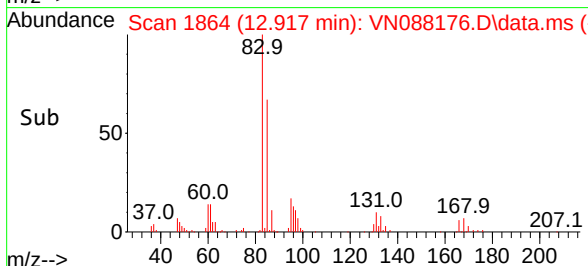
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



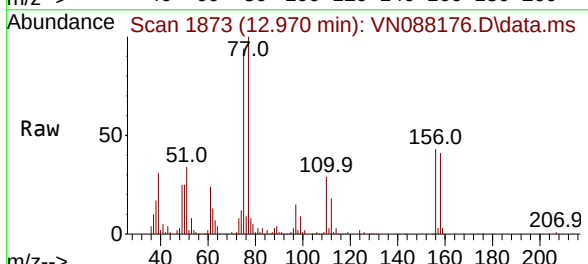
Tgt Ion: 83 Resp: 136061
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 64.4 32.1 96.3

Manual Integrations
APPROVED

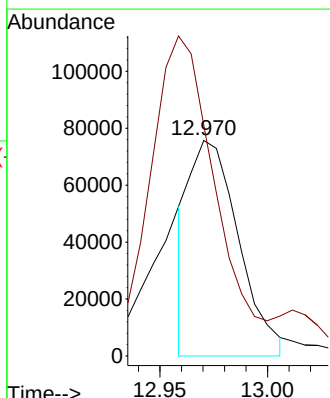
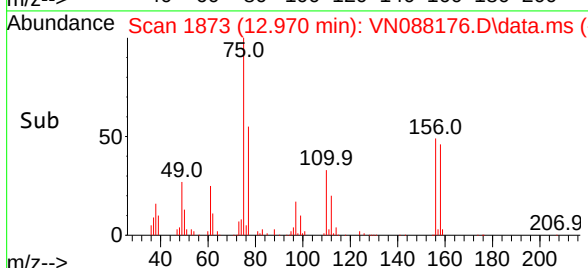
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

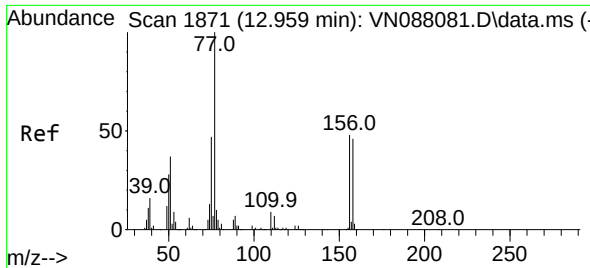


#76
1,2,3-Trichloropropane
Concen: 19.075 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



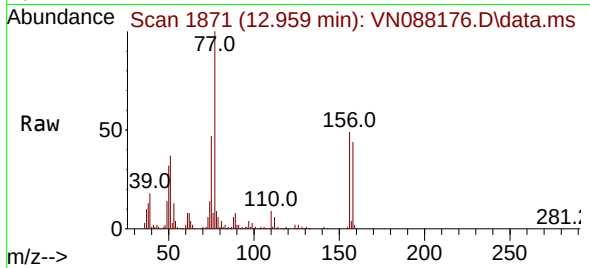
Tgt Ion: 75 Resp: 120761
Ion Ratio Lower Upper
75 100
77 198.0 89.1 267.4





#77
Bromobenzene
Concen: 21.353 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

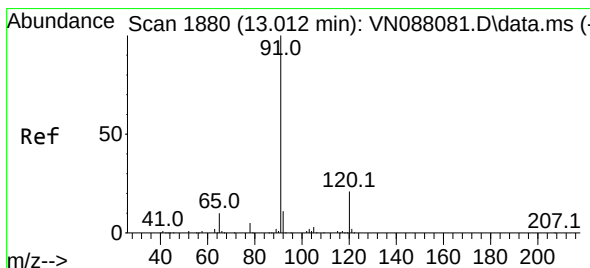
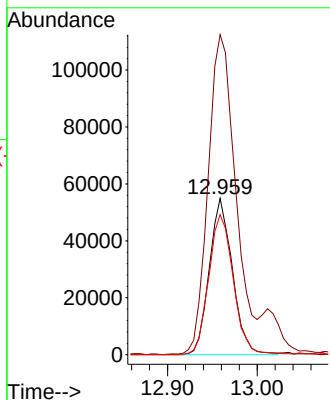
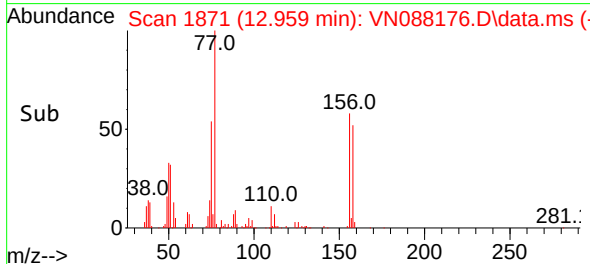
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



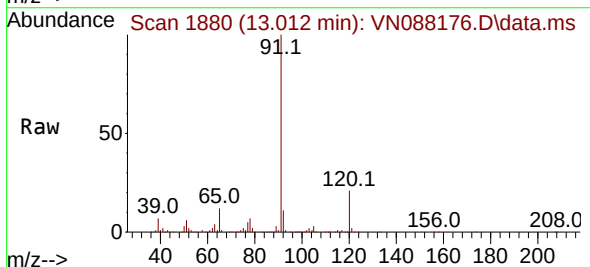
Tgt Ion:156 Resp: 98339
Ion Ratio Lower Upper
156 100
77 243.2 119.3 358.0
158 95.1 48.2 144.6

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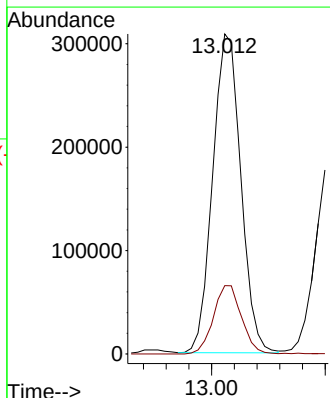
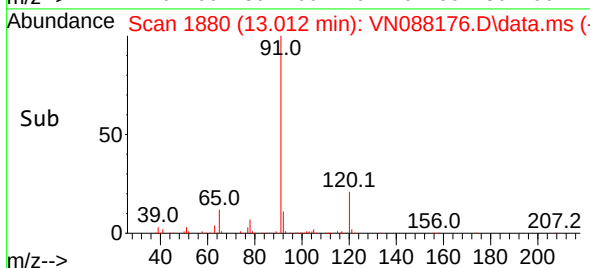
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

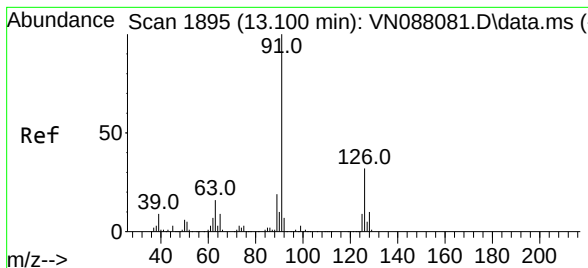


#78
n-propylbenzene
Concen: 20.335 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



Tgt Ion: 91 Resp: 529965
Ion Ratio Lower Upper
91 100
120 21.4 10.7 32.1





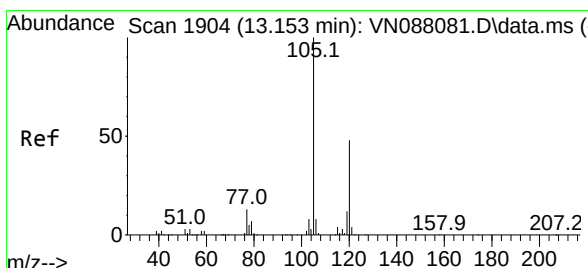
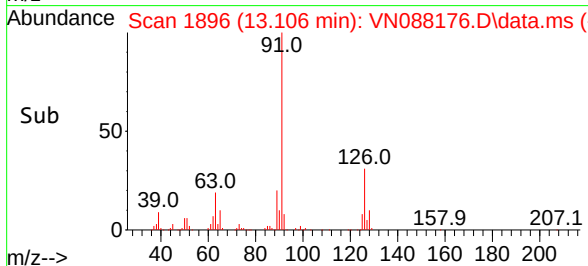
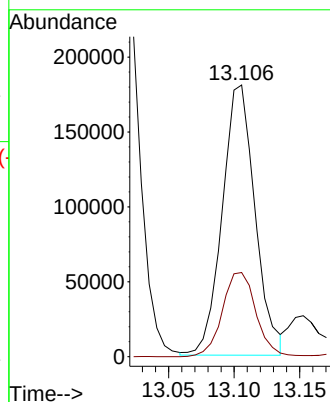
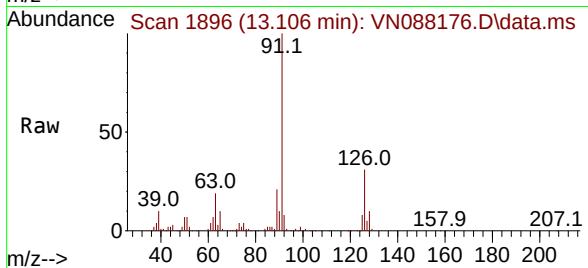
#79
2-Chlorotoluene
Concen: 21.142 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion: 91 Resp: 314234
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3

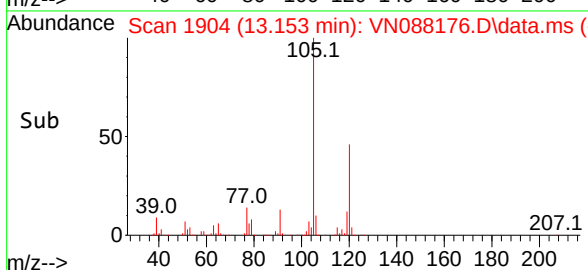
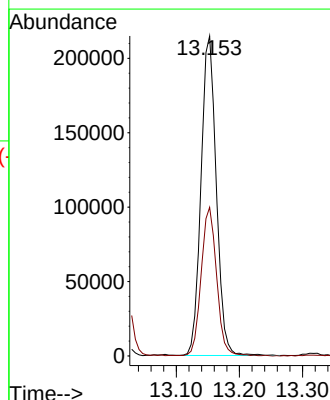
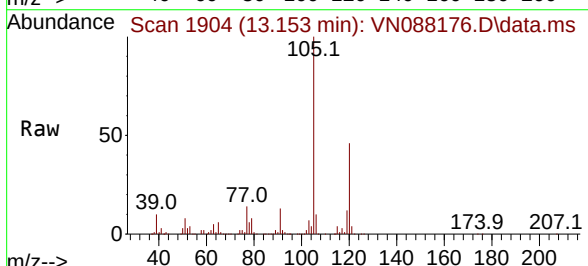
Manual Integrations
APPROVED

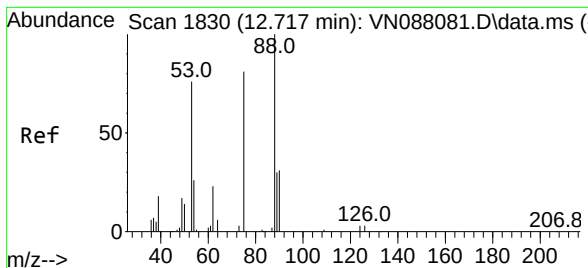
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.262 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

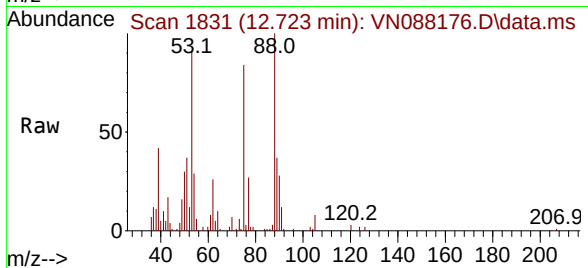
Tgt Ion:105 Resp: 359378
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.012 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

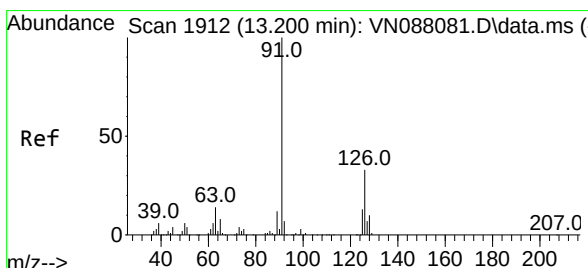
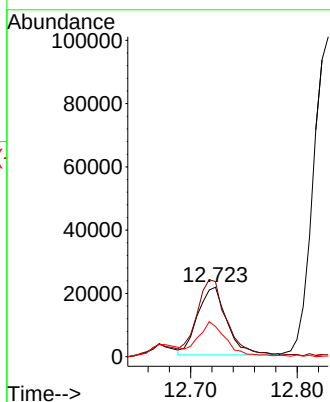
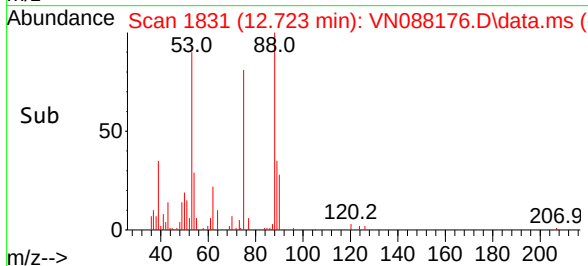
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



Tgt Ion: 75 Resp: 40878
Ion Ratio Lower Upper
75 100
53 116.9 101.8 152.6
89 48.0 35.6 53.4

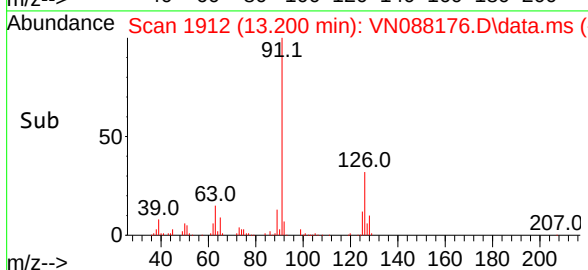
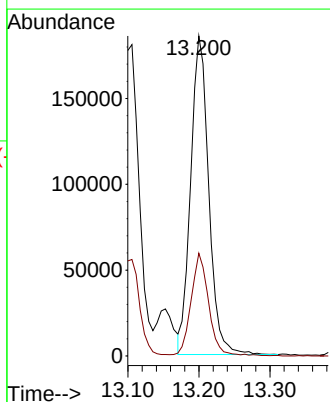
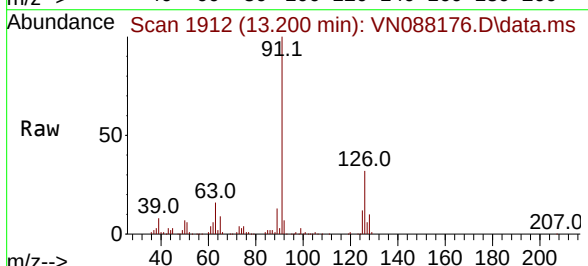
Manual Integrations
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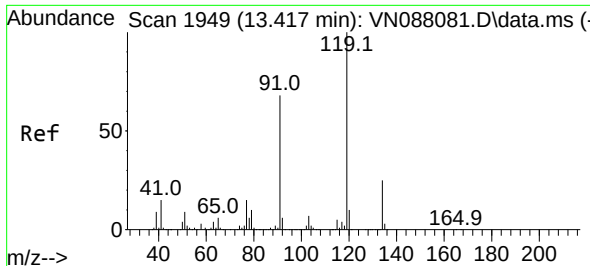
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#82
4-Chlorotoluene
Concen: 20.476 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Tgt Ion: 91 Resp: 329263
Ion Ratio Lower Upper
91 100
126 31.6 15.6 46.8





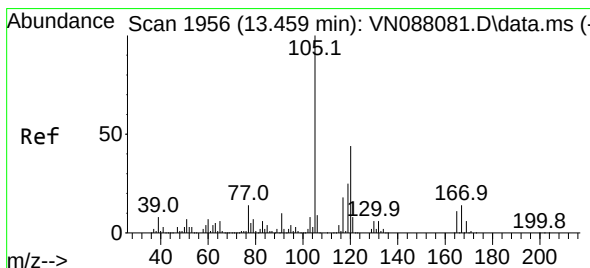
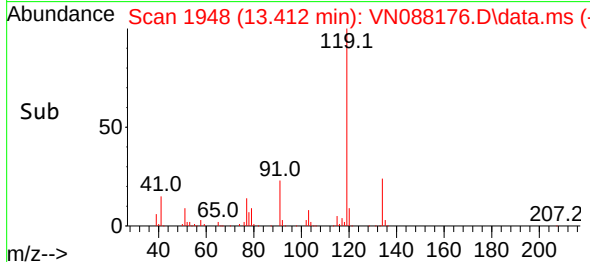
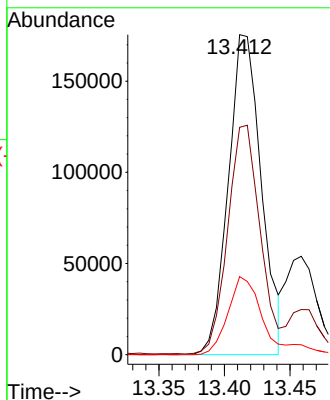
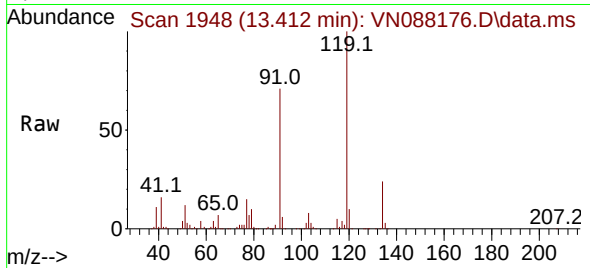
#83
tert-Butylbenzene
Concen: 19.443 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01

Tgt Ion:119 Resp: 308050
Ion Ratio Lower Upper
119 100
91 69.6 35.0 105.0
134 26.5 12.6 37.8

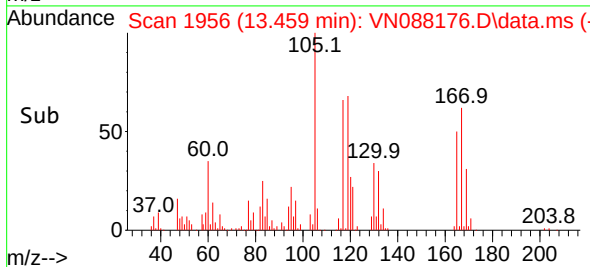
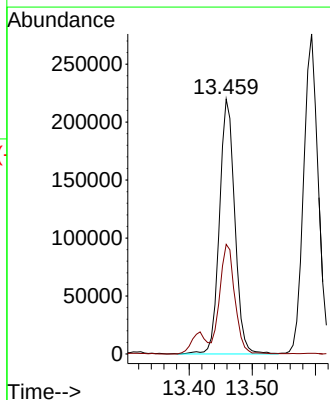
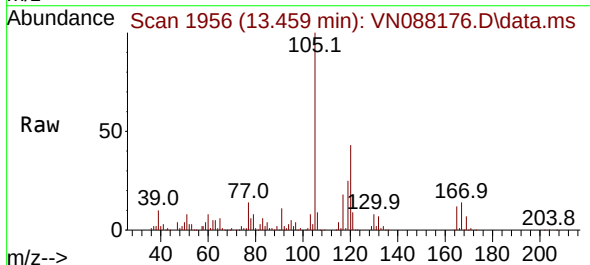
Manual Integrations
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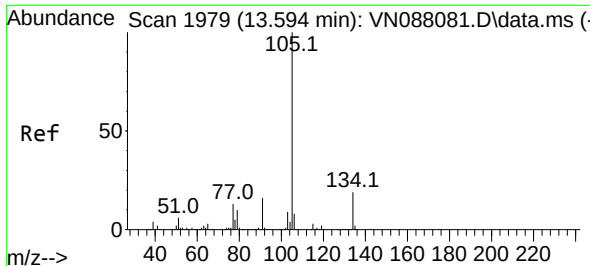
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.890 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

Tgt Ion:105 Resp: 370707
Ion Ratio Lower Upper
105 100
120 41.9 22.0 66.0





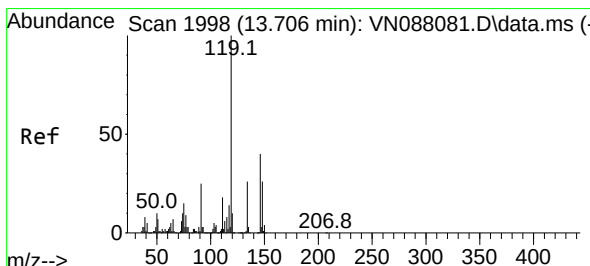
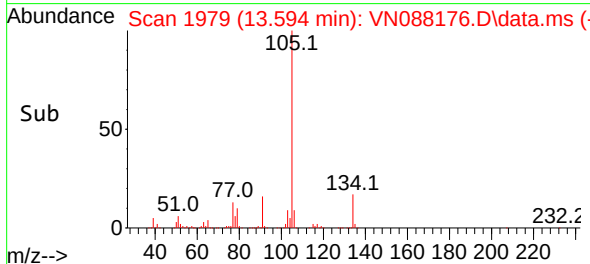
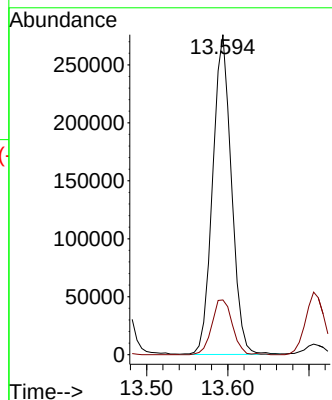
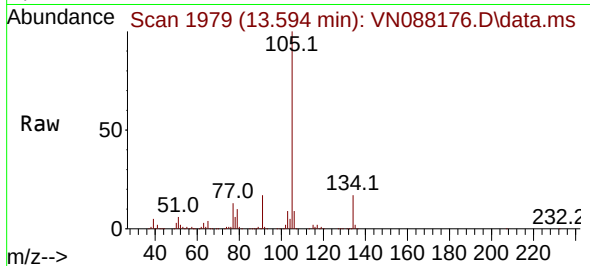
#85
 sec-Butylbenzene
 Concen: 19.011 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088176.D
 Acq: 31 Oct 2025 10:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBS01

Tgt Ion:105 Resp: 44253
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

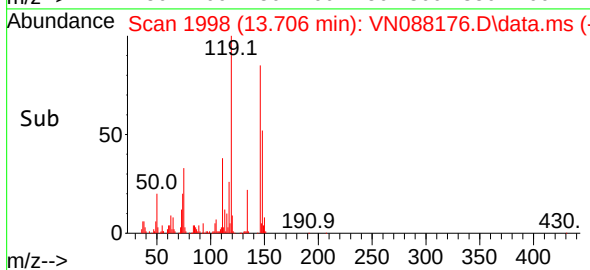
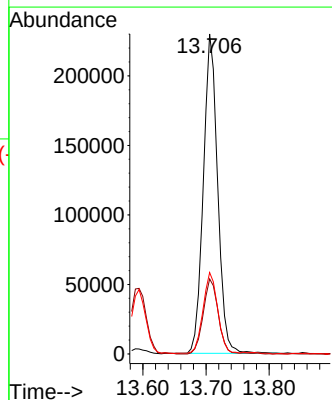
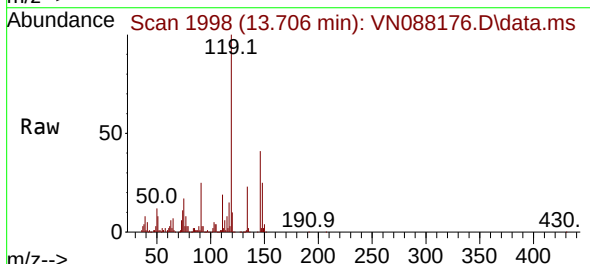
Manual Integrations
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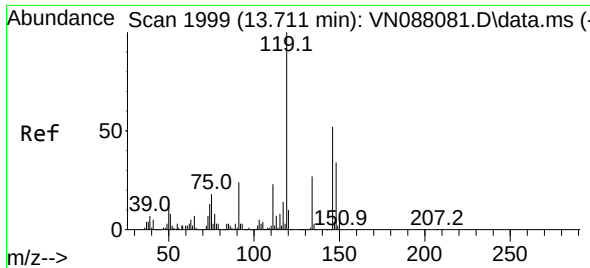
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025



#86
 p-Isopropyltoluene
 Concen: 19.374 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088176.D
 Acq: 31 Oct 2025 10:40

Tgt Ion:119 Resp: 361798
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.0
 91 25.8 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 20.550 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

Tgt Ion:146 Resp: 188929

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.5

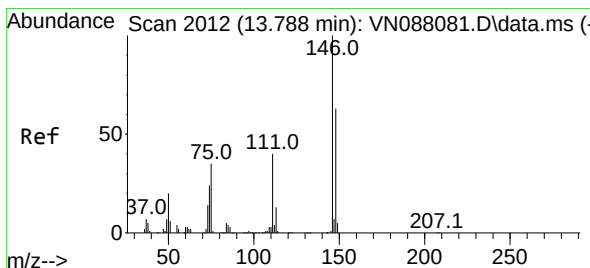
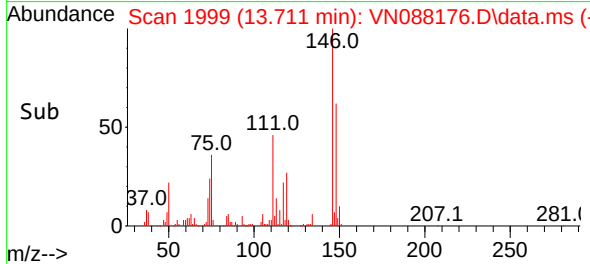
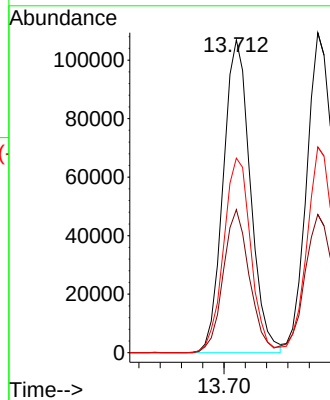
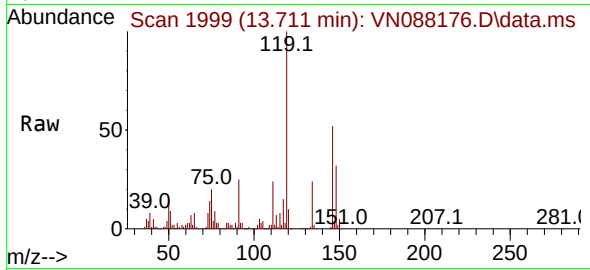
148 62.1 32.0 96.2

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#88

1,4-Dichlorobenzene

Concen: 19.669 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

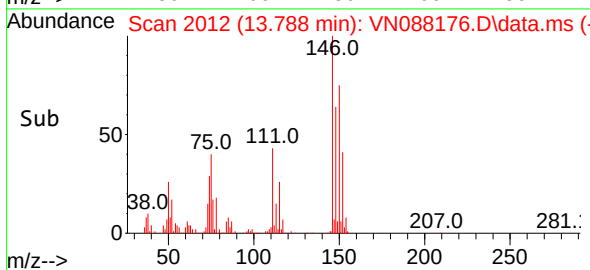
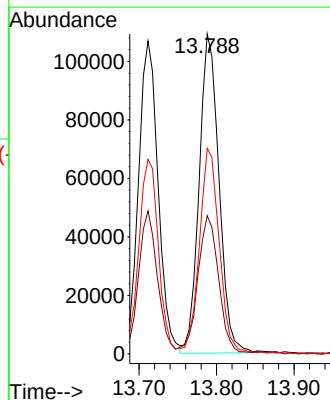
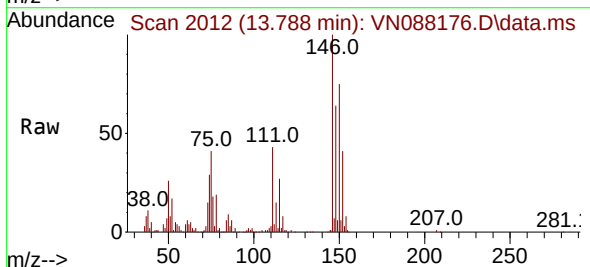
Tgt Ion:146 Resp: 194213

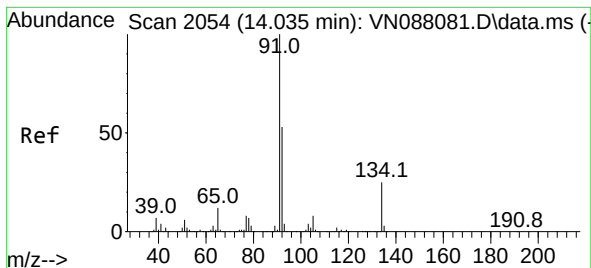
Ion Ratio Lower Upper

146 100

111 44.7 21.0 63.0

148 64.1 32.0 96.0





#89

n-Butylbenzene

Concen: 18.427 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBS01

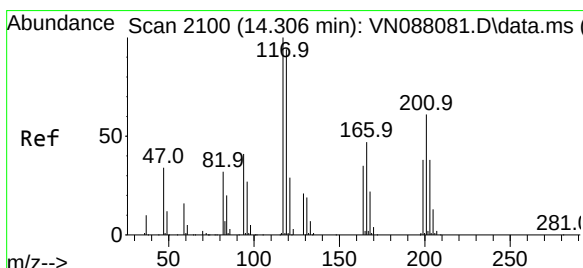
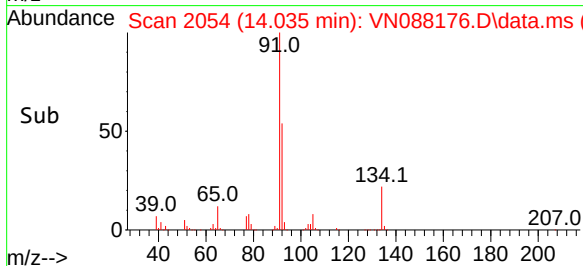
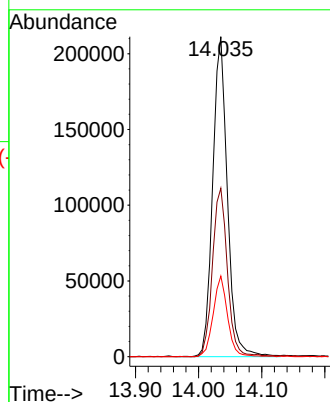
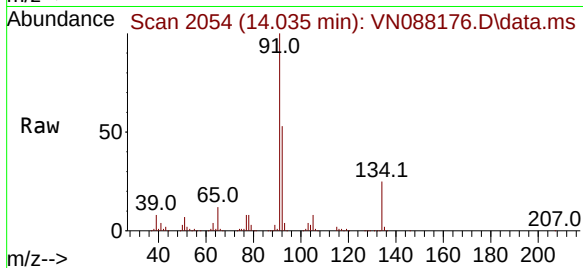
Tgt Ion: 91 Resp: 340840
 Ion Ratio Lower Upper
 91 100
 92 53.6 25.9 77.8
 134 24.6 11.7 35.0

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#90

Hexachloroethane

Concen: 17.442 ug/l

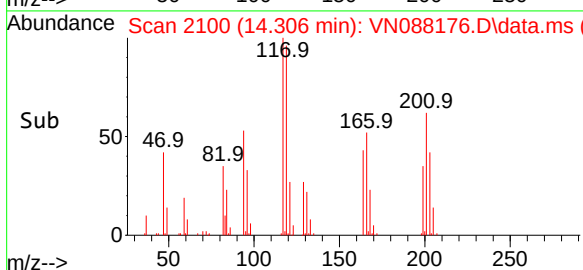
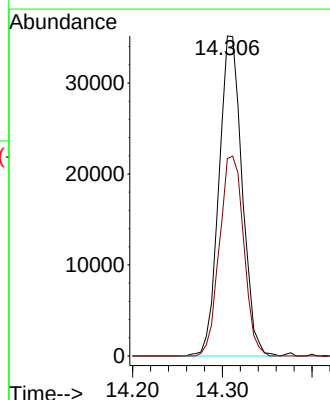
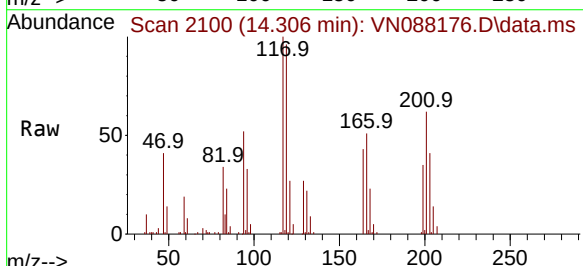
RT: 14.306 min Scan# 2100

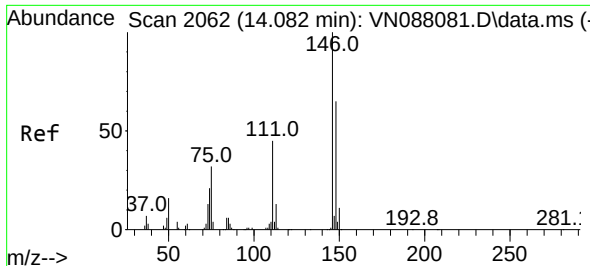
Delta R.T. -0.006 min

Lab File: VN088176.D

Acq: 31 Oct 2025 10:40

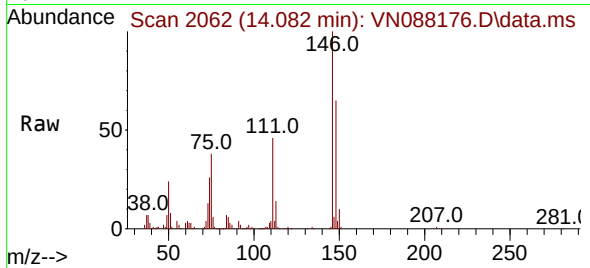
Tgt Ion:117 Resp: 63074
 Ion Ratio Lower Upper
 117 100
 201 65.3 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 19.944 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

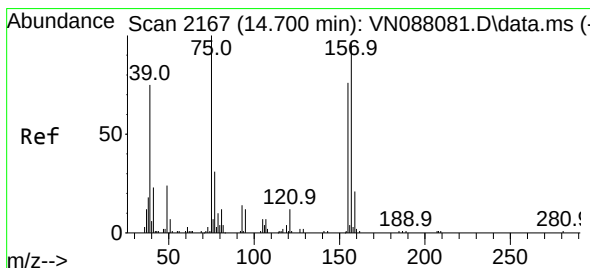
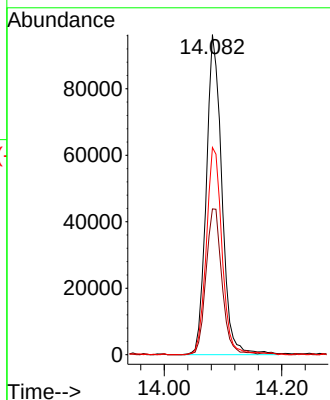
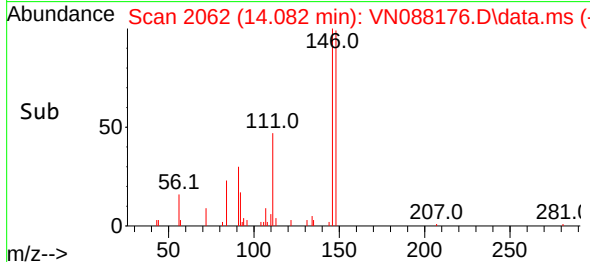
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



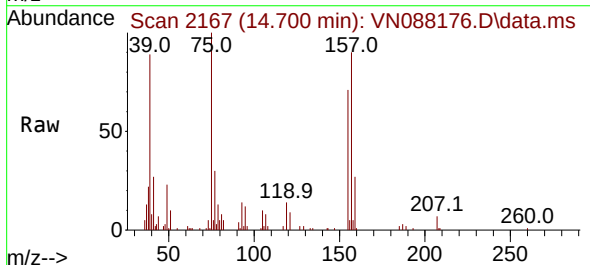
Tgt Ion:146 Resp: 176748
Ion Ratio Lower Upper
146 100
111 46.8 22.6 67.8
148 65.6 31.9 95.9

Manual Integrations
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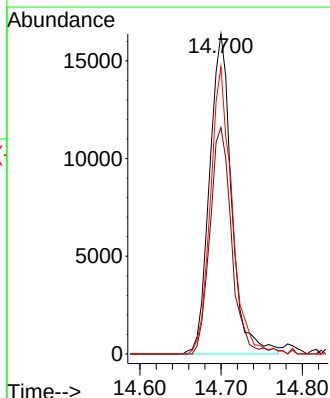
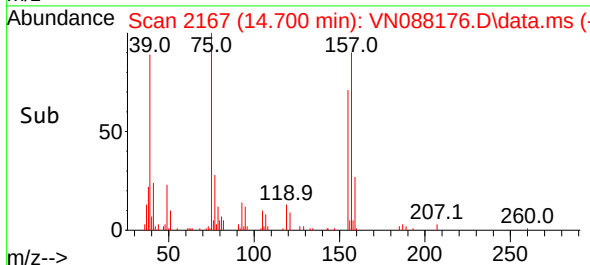
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

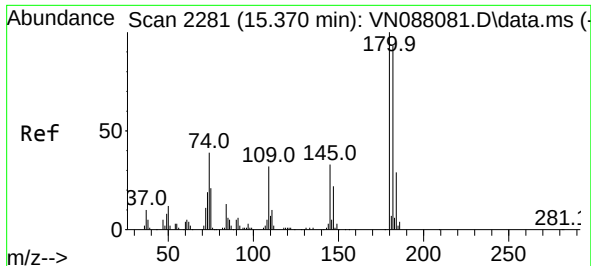


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.931 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



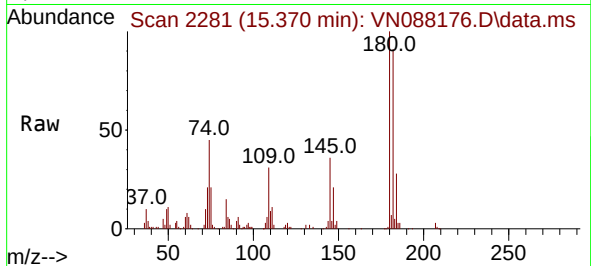
Tgt Ion: 75 Resp: 30844
Ion Ratio Lower Upper
75 100
155 70.0 36.6 109.9
157 87.9 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 18.895 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

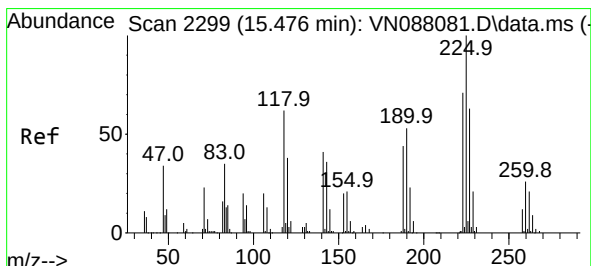
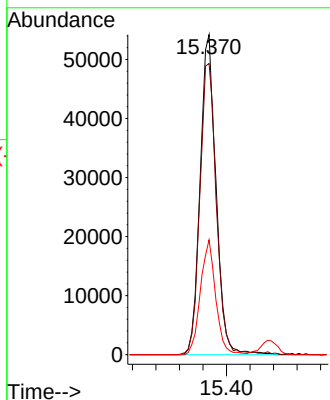
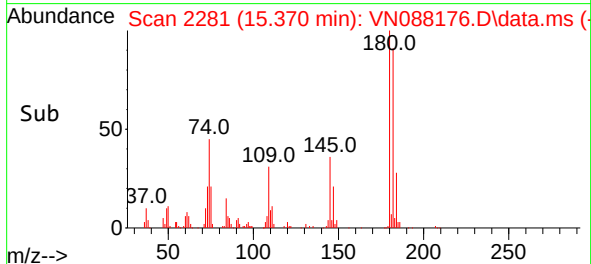
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



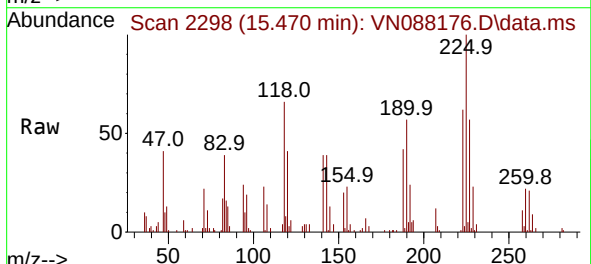
Tgt Ion:180 Resp: 10141
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 34.5 16.5 49.5

Manual Integrations
APPROVED

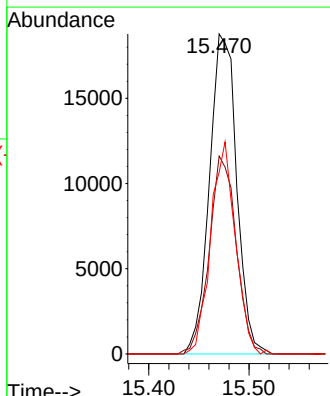
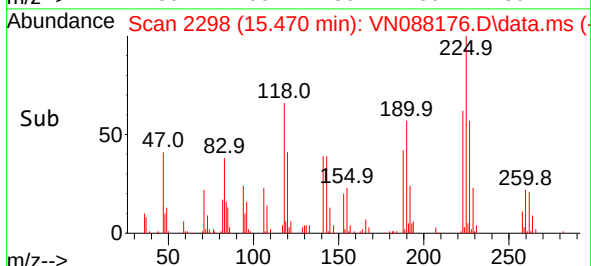
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

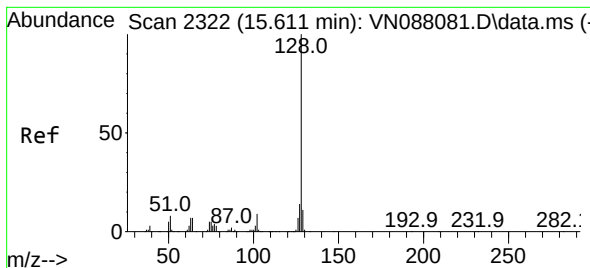


#94
Hexachlorobutadiene
Concen: 17.727 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



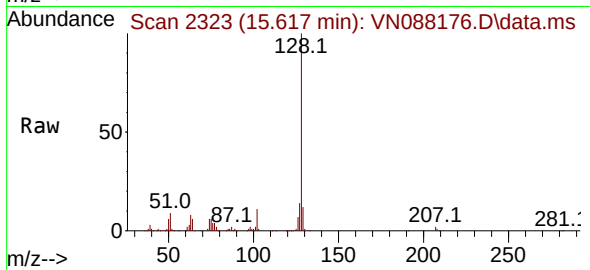
Tgt Ion:225 Resp: 35429
Ion Ratio Lower Upper
225 100
223 61.2 32.0 96.2
227 60.1 32.1 96.5





#95
Naphthalene
Concen: 19.178 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40

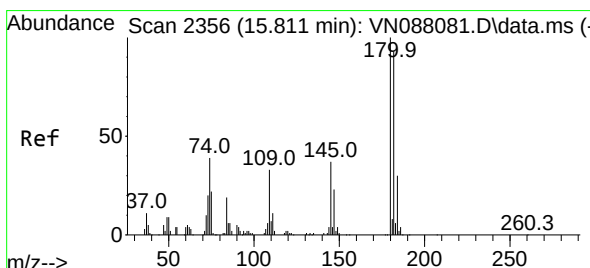
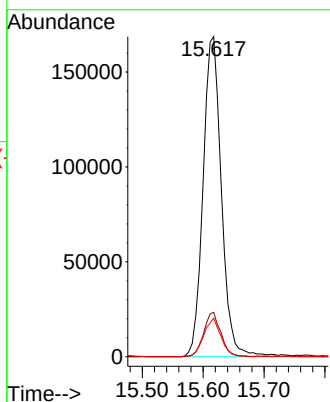
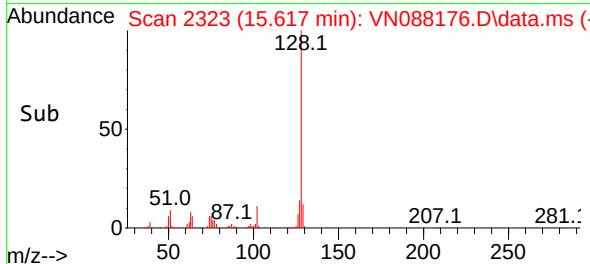
Instrument :
MSVOA_N
ClientSampleId :
VN1031MBS01



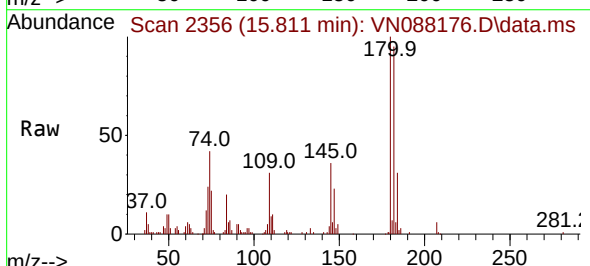
Tgt Ion:128 Resp: 352610
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.285 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088176.D
Acq: 31 Oct 2025 10:40



Tgt Ion:180 Resp: 94098
Ion Ratio Lower Upper
180 100
182 93.3 46.8 140.3
145 37.7 17.3 52.0

