

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111225\
 Data File : VN088268.D
 Acq On : 12 Nov 2025 11:59
 Operator : JC\MD
 Sample : VN1112MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Semsettin Yesilyurt 11/14/2025

Quant Time: Nov 14 00:10:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	253584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	472283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	414342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	213572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	227084	51.787	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.580%			
35) Dibromofluoromethane	8.147	113	156312	49.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.540%			
50) Toluene-d8	10.547	98	562442	46.006	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.020%			
62) 4-Bromofluorobenzene	12.829	95	202102	46.809	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	56216	19.653	ug/l	96
3) Chloromethane	2.383	50	67169	19.960	ug/l	99
4) Vinyl Chloride	2.536	62	72316	19.723	ug/l	98
5) Bromomethane	2.977	94	41950	19.128	ug/l	92
6) Chloroethane	3.142	64	48979	18.540	ug/l	95
7) Trichlorofluoromethane	3.512	101	113093	19.338	ug/l	94
8) Diethyl Ether	3.965	74	43382	19.960	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	60380	20.009	ug/l	97
10) Methyl Iodide	4.583	142	58768	21.309	ug/l	98
11) Tert butyl alcohol	5.518	59	74483	98.596	ug/l	97
12) 1,1-Dichloroethene	4.341	96	60274	18.911	ug/l	98
13) Acrolein	4.177	56	56016	65.922	ug/l	98
14) Allyl chloride	5.012	41	110350	19.753	ug/l	98
15) Acrylonitrile	5.712	53	232695	113.080	ug/l	98
16) Acetone	4.424	43	234211	106.316	ug/l	96
17) Carbon Disulfide	4.700	76	177372	18.307	ug/l	96
18) Methyl Acetate	5.018	43	110269	24.450	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	246274	21.040	ug/l	98
20) Methylene Chloride	5.259	84	76267	20.624	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	70944	20.278	ug/l	95
22) Diisopropyl ether	6.653	45	260555	22.177	ug/l	97
23) Vinyl Acetate	6.588	43	115554	109.188	ug/l	97
24) 1,1-Dichloroethane	6.553	63	144865	22.259	ug/l	97
25) 2-Butanone	7.471	43	320996	110.567	ug/l	98
26) 2,2-Dichloropropane	7.471	77	122104	20.646	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	82357	20.448	ug/l	94
28) Bromochloromethane	7.788	49	71286	23.182	ug/l	95
29) Tetrahydrofuran	7.824	42	203724	107.676	ug/l	98
30) Chloroform	7.947	83	144761	22.265	ug/l	99
31) Cyclohexane	8.235	56	119980	19.547	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	124259	21.458	ug/l	95
36) 1,1-Dichloropropene	8.353	75	97755	21.101	ug/l	99
37) Ethyl Acetate	7.547	43	132339	22.136	ug/l	99
38) Carbon Tetrachloride	8.341	117	103673	21.667	ug/l	96
39) Methylcyclohexane	9.582	83	105791	17.766	ug/l	96
40) Benzene	8.582	78	295441	20.940	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	66512	21.138	ug/l	96
42) 1,2-Dichloroethane	8.653	62	120038	23.945	ug/l	98
43) Isopropyl Acetate	8.671	43	197165	21.462	ug/l	98
44) Trichloroethene	9.335	130	69430	21.054	ug/l	96
45) 1,2-Dichloropropane	9.600	63	79518	22.325	ug/l	97
46) Dibromomethane	9.688	93	57119	22.485	ug/l	97
47) Bromodichloromethane	9.865	83	116383	22.883	ug/l	96
48) Methyl methacrylate	9.659	41	95012	22.402	ug/l	97
49) 1,4-Dioxane	9.682	88	21619	409.839	ug/l #	89
51) 4-Methyl-2-Pentanone	10.423	43	637244	117.256	ug/l	98
52) Toluene	10.606	92	179816	20.672	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	116790	21.575	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	125667	21.878	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	70971	21.505	ug/l	98
56) Ethyl methacrylate	10.859	69	107402	20.565	ug/l	96
57) 1,3-Dichloropropane	11.141	76	128750	22.196	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	286151	105.337	ug/l	98
59) 2-Hexanone	11.176	43	403581	111.944	ug/l	98
60) Dibromochloromethane	11.335	129	81030	21.602	ug/l	99
61) 1,2-Dibromoethane	11.447	107	73326	21.589	ug/l	97
64) Tetrachloroethene	11.082	164	55486	20.302	ug/l	96
65) Chlorobenzene	11.870	112	196650	20.902	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	68439	22.203	ug/l	98
67) Ethyl Benzene	11.941	91	337707	20.449	ug/l	98
68) m/p-Xylenes	12.047	106	255361	41.269	ug/l	98
69) o-Xylene	12.376	106	119095	20.303	ug/l	98
70) Styrene	12.388	104	202025	21.121	ug/l	97
71) Bromoform	12.559	173	48994	21.299	ug/l #	99
73) Isopropylbenzene	12.676	105	317835	19.295	ug/l	100
74) N-amyl acetate	12.553	43	12122	2.592	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.917	83	110159	21.480	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	107931m	22.104	ug/l	
77) Bromobenzene	12.959	156	74463	20.963	ug/l	98
78) n-propylbenzene	13.012	91	400804	19.939	ug/l	100
79) 2-Chlorotoluene	13.106	91	239791	20.917	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	267894	19.582	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	31153	17.797	ug/l #	90
82) 4-Chlorotoluene	13.200	91	245209	19.771	ug/l	100
83) tert-Butylbenzene	13.417	119	226852	18.563	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	275446	20.124	ug/l	100
85) sec-Butylbenzene	13.594	105	337177	18.779	ug/l	99
86) p-Isopropyltoluene	13.706	119	279836	19.429	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	145147	20.469	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	155054	20.359	ug/l	98
89) n-Butylbenzene	14.035	91	271838	19.053	ug/l	99
90) Hexachloroethane	14.311	117	54301	19.468	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	141372	20.683	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	24150	20.232	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	78714	19.015	ug/l	98
94) Hexachlorobutadiene	15.476	225	28944	18.776	ug/l	92
95) Naphthalene	15.617	128	258434	18.224	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	76281	19.218	ug/l	99

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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

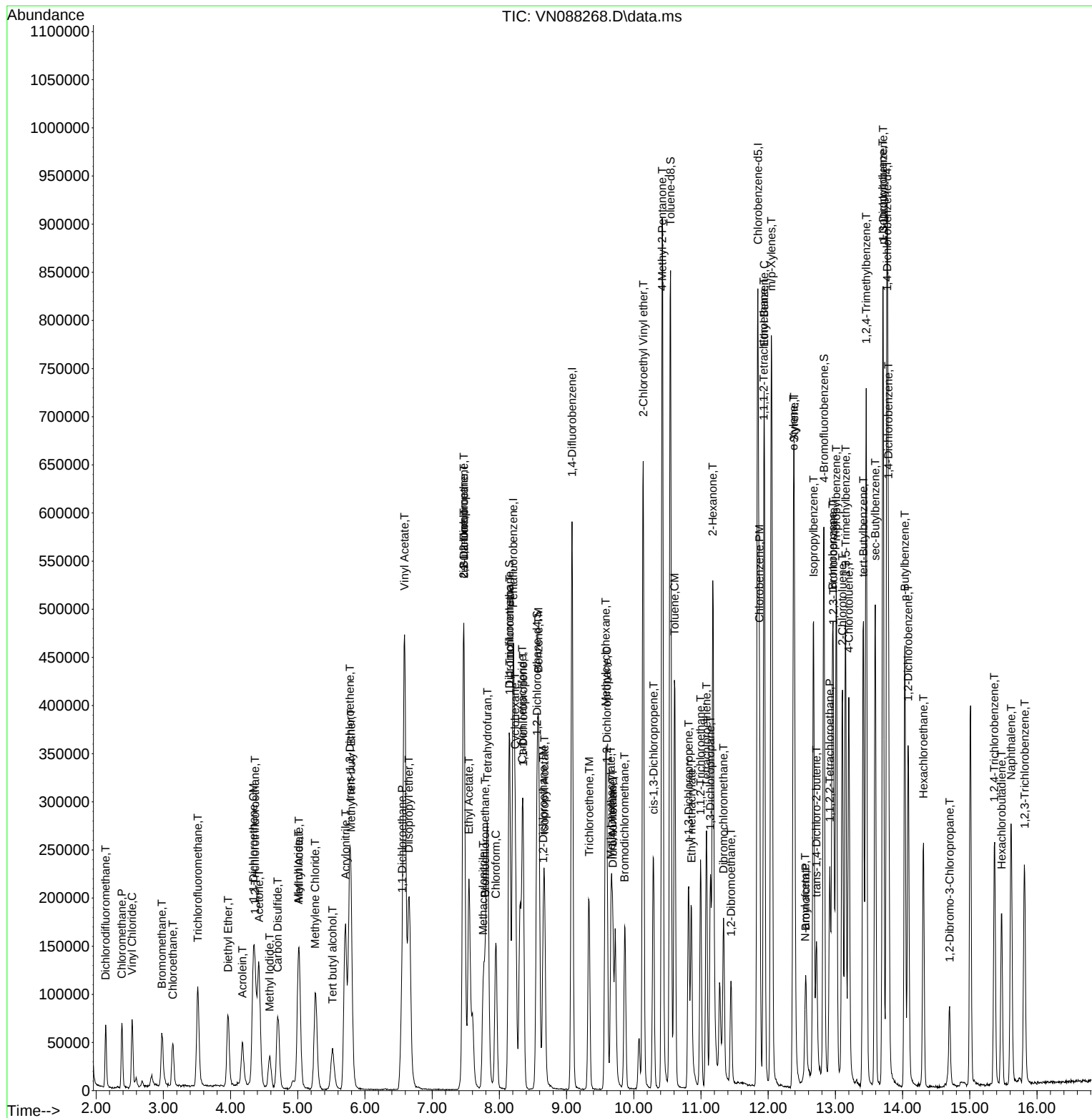
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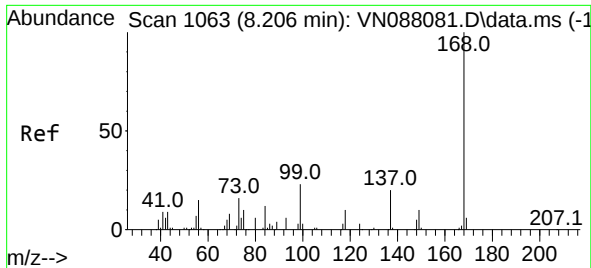
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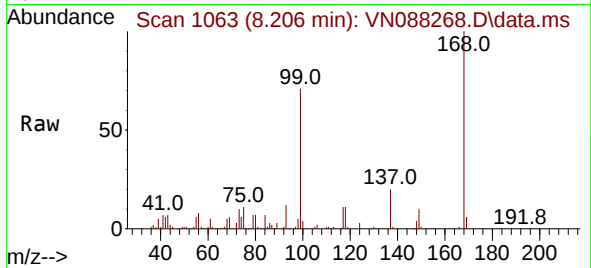
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088268.D
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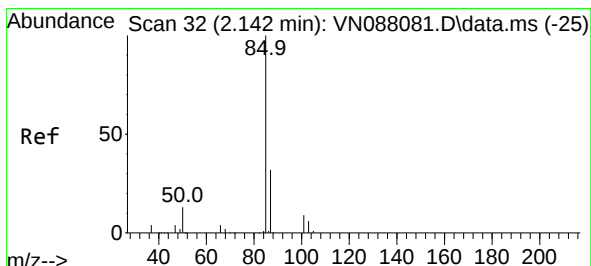
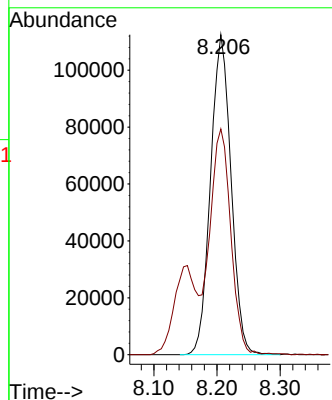
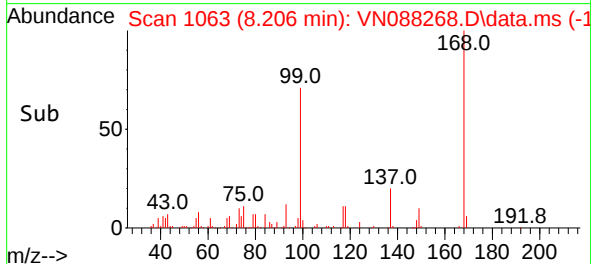
Instrument :
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Tgt Ion:168 Resp: 253584
Ion Ratio Lower Upper
168 100
99 70.3 57.2 85.8

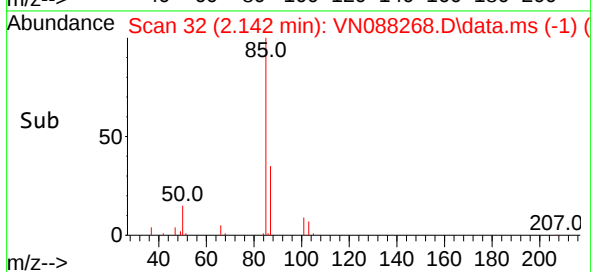
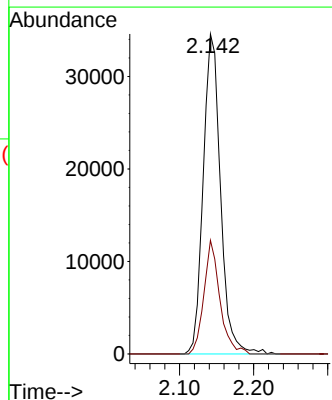
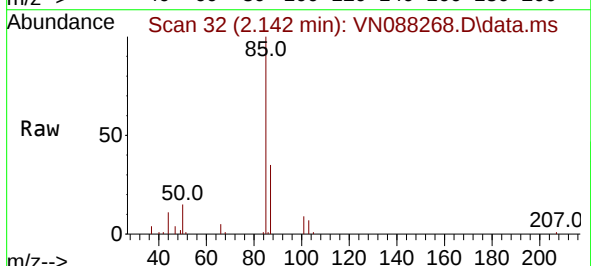
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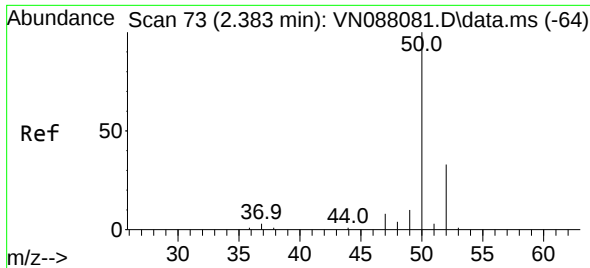
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#2
Dichlorodifluoromethane
Concen: 19.653 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Tgt Ion: 85 Resp: 56216
Ion Ratio Lower Upper
85 100
87 35.5 16.6 49.8





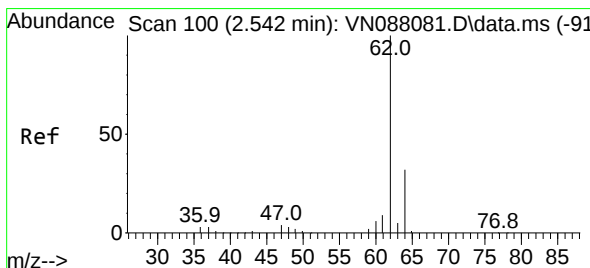
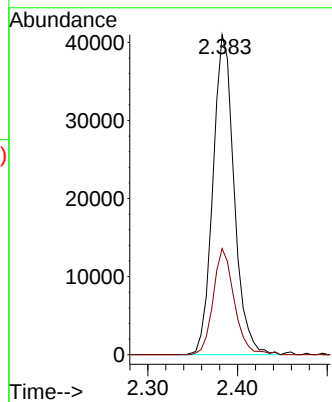
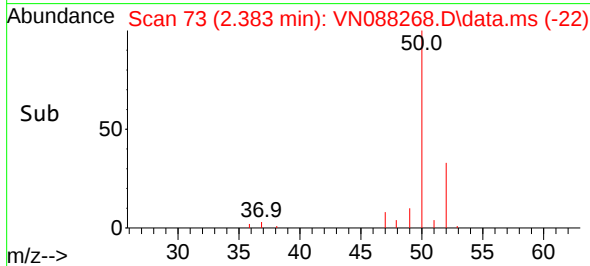
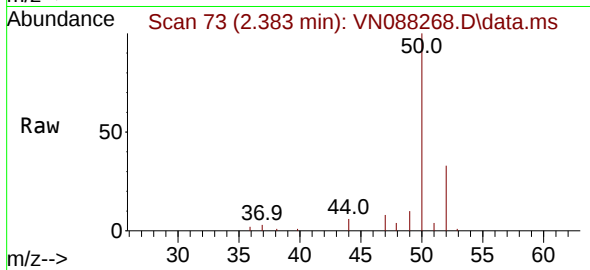
#3
Chloromethane
Concen: 19.960 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Instrument :
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Tgt Ion: 50 Resp: 67169
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.4

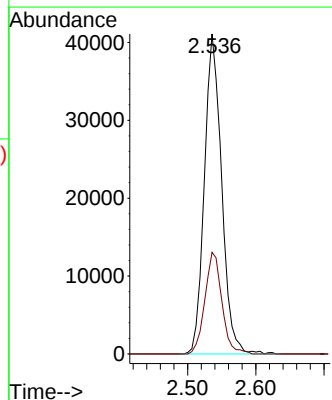
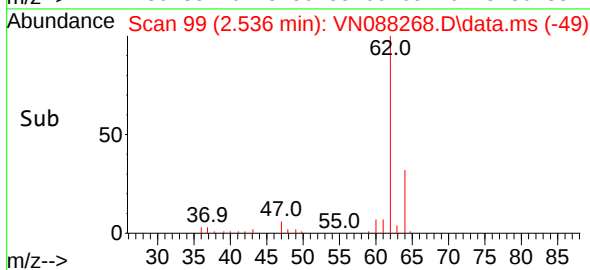
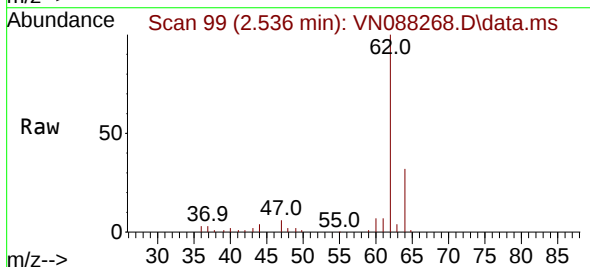
Manual Integrations
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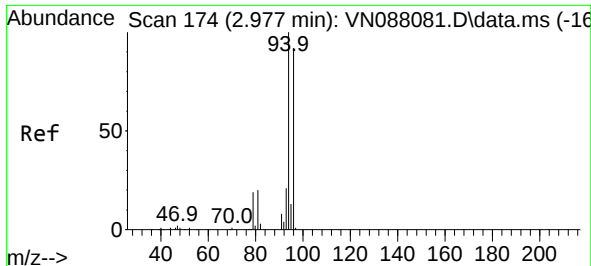
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#4
Vinyl Chloride
Concen: 19.723 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

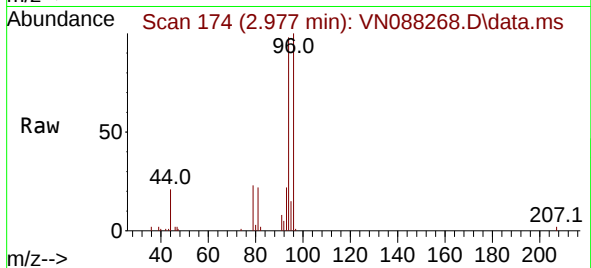
Tgt Ion: 62 Resp: 72316
Ion Ratio Lower Upper
62 100
64 31.7 24.6 37.0





#5
Bromomethane
Concen: 19.128 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

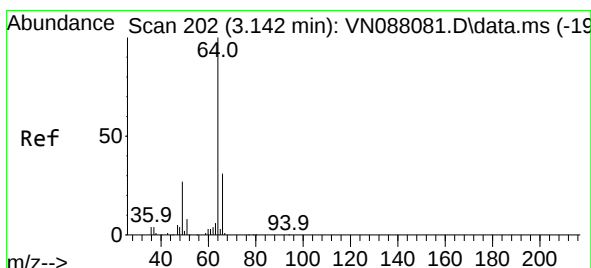
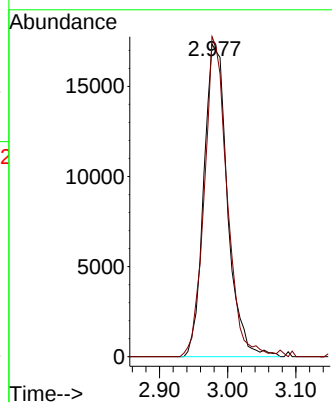
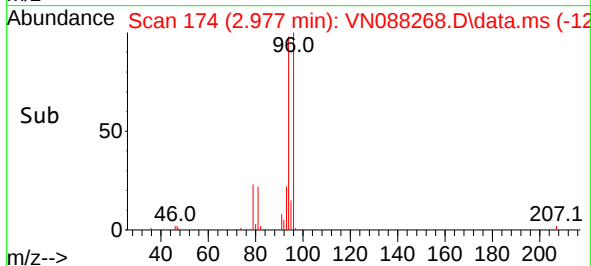
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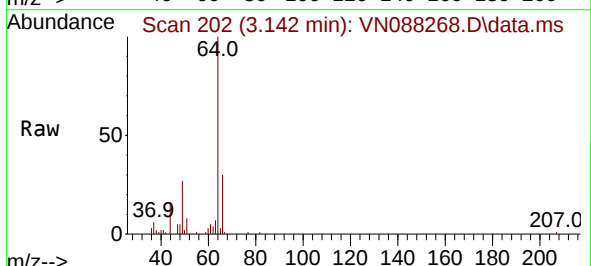
Tgt Ion: 94 Resp: 41950
Ion Ratio Lower Upper
94 100
96 102.4 75.4 113.2

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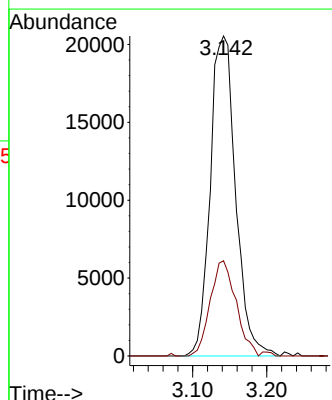
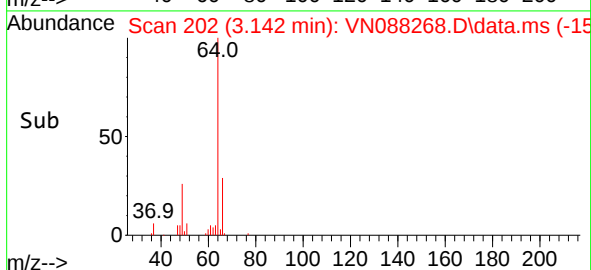
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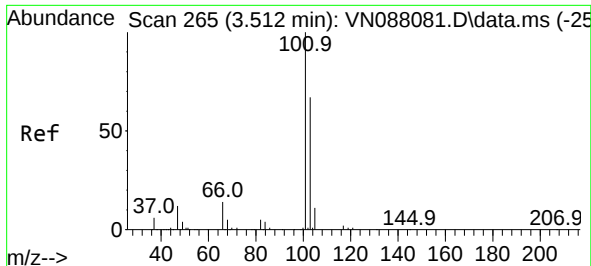


#6
Chloroethane
Concen: 18.540 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



Tgt Ion: 64 Resp: 48979
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.2





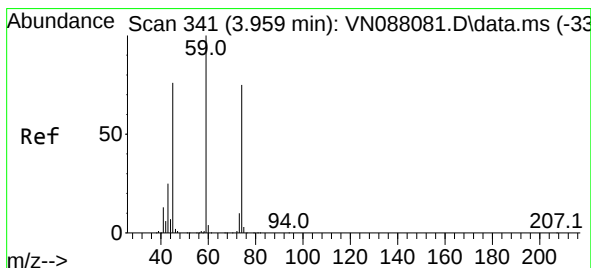
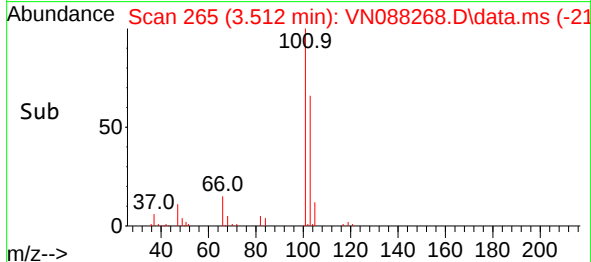
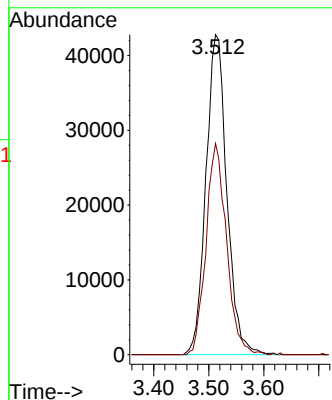
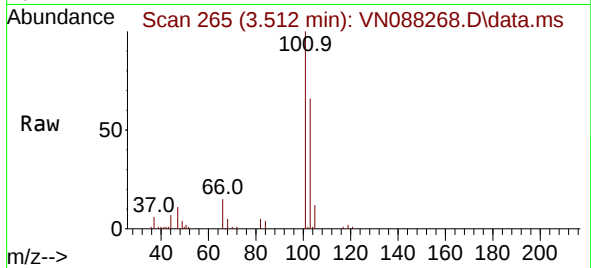
#7
 Trichlorofluoromethane
 Concen: 19.338 ug/l
 RT: 3.512 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VN088268.D
 Acq: 12 Nov 2025 11:59

Instrument :
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Tgt Ion:101 Resp: 11309
 Ion Ratio Lower Upper
 101 100
 103 66.0 49.4 74.0

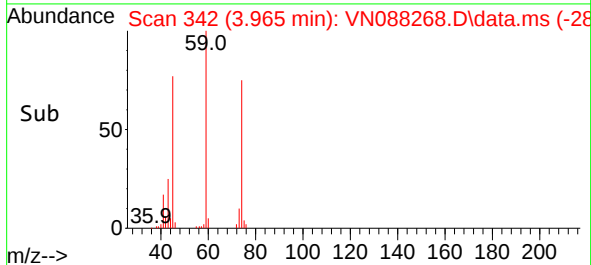
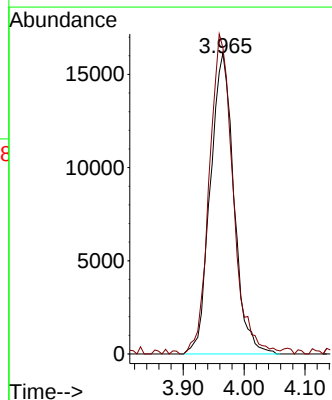
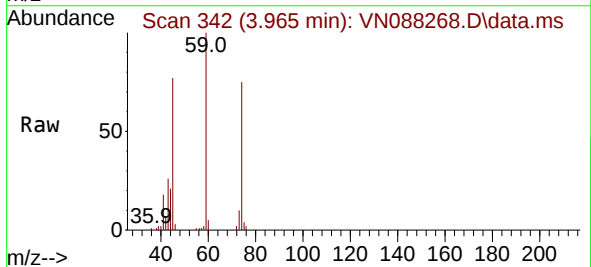
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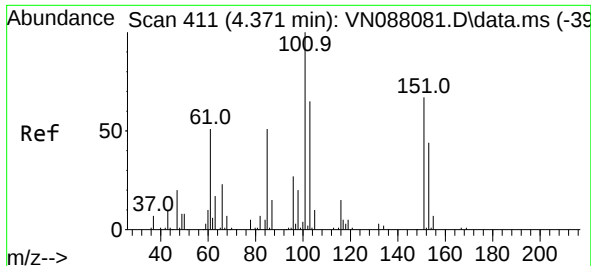
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#8
 Diethyl Ether
 Concen: 19.960 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN088268.D
 Acq: 12 Nov 2025 11:59

Tgt Ion: 74 Resp: 43382
 Ion Ratio Lower Upper
 74 100
 45 107.2 50.6 151.9





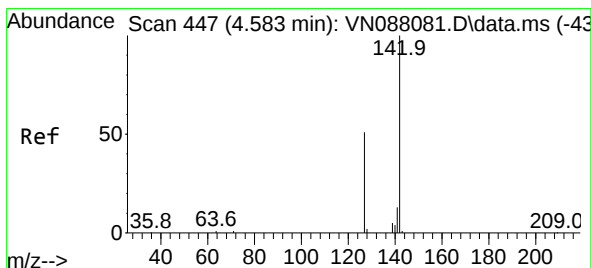
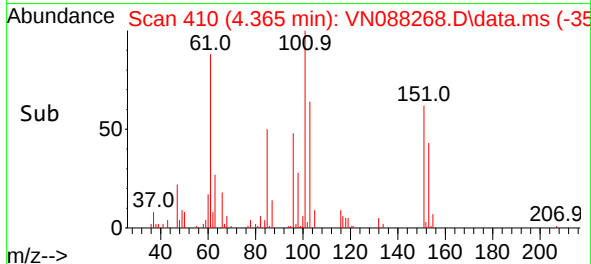
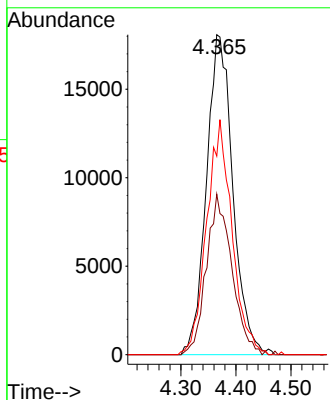
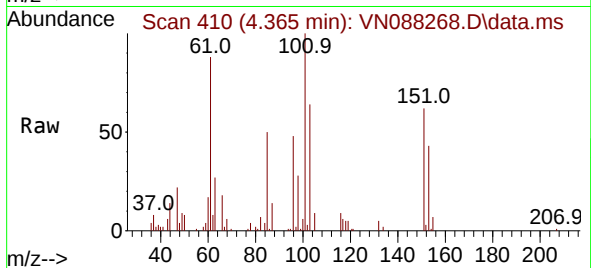
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.009 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion:101 Resp: 60380
Ion Ratio Lower Upper
101 100
85 48.5 36.6 55.0
151 70.6 54.7 82.1

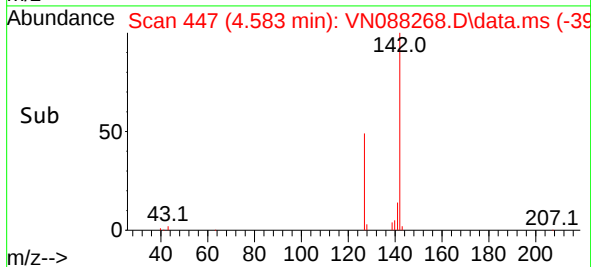
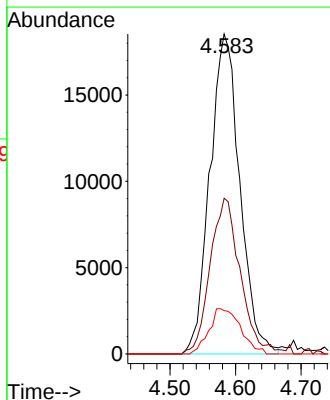
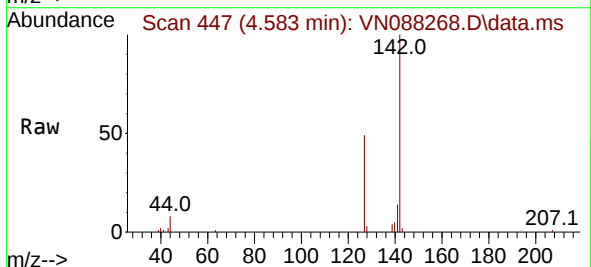
Manual Integrations
APPROVED

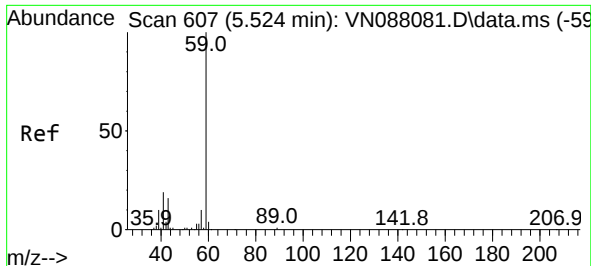
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#10
Methyl Iodide
Concen: 21.309 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

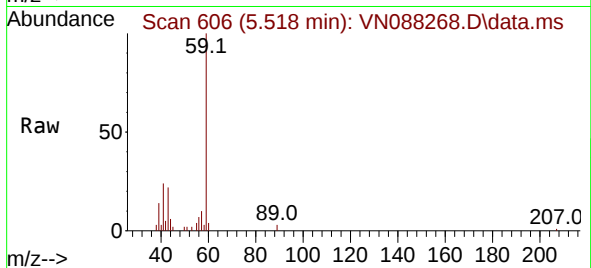
Tgt Ion:142 Resp: 58768
Ion Ratio Lower Upper
142 100
127 48.6 38.0 57.0
141 13.5 12.0 18.0





#11
Tert butyl alcohol
Concen: 98.596 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

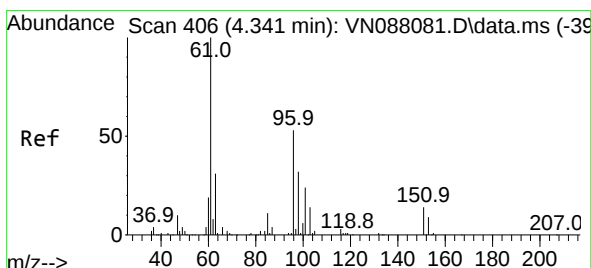
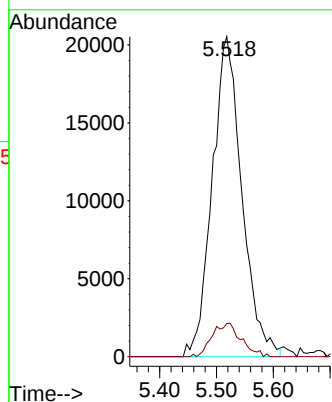
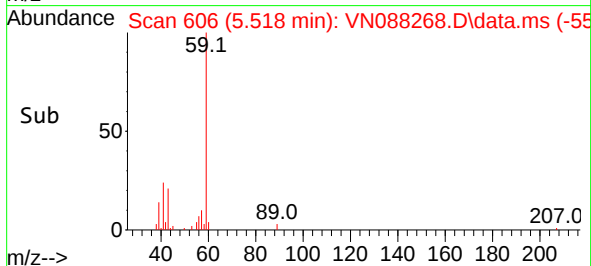
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 59 Resp: 7448
Ion Ratio Lower Upper
59 100
57 10.2 9.0 13.4

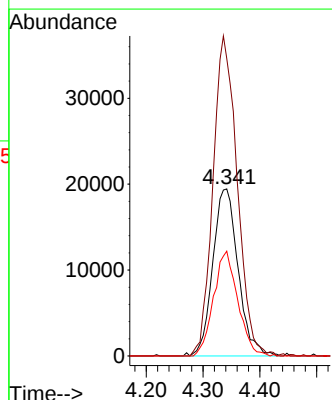
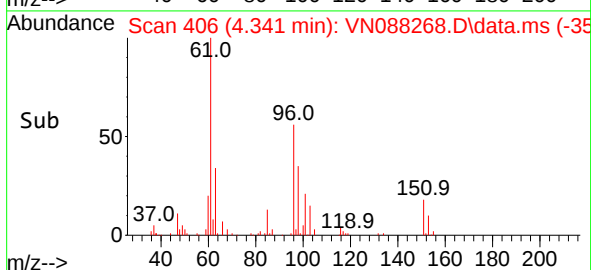
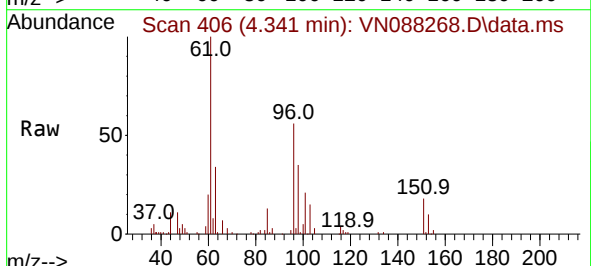
Manual Integrations
APPROVED

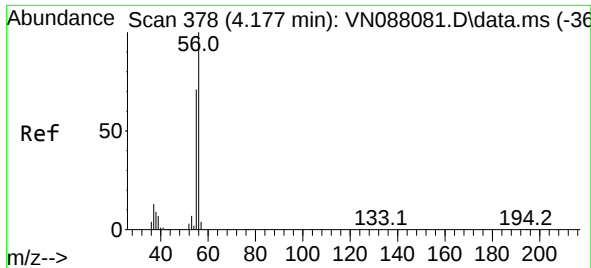
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#12
1,1-Dichloroethene
Concen: 18.911 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Tgt Ion: 96 Resp: 60274
Ion Ratio Lower Upper
96 100
61 178.1 143.8 215.8
98 62.7 52.1 78.1





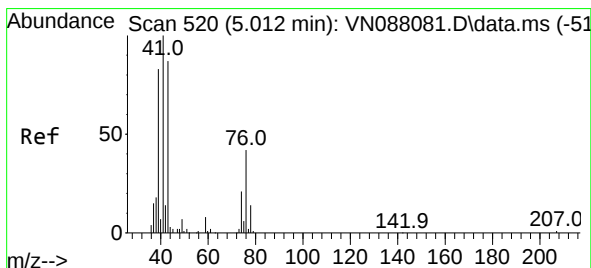
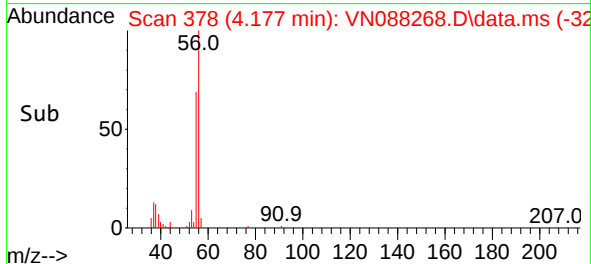
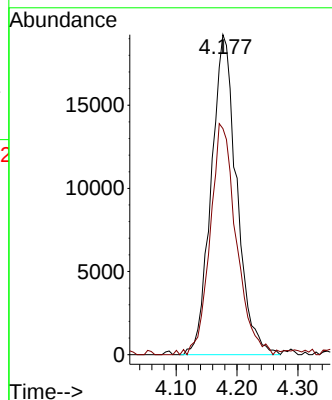
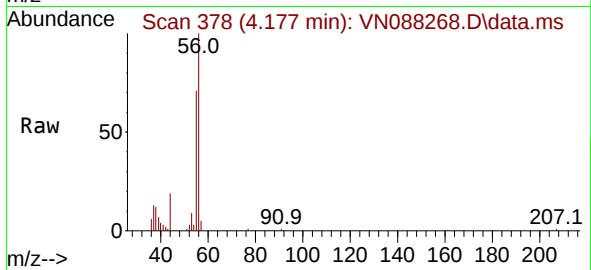
#13
Acrolein
Concen: 65.922 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion: 56 Resp: 56010
Ion Ratio Lower Upper
56 100
55 73.6 57.3 85.9

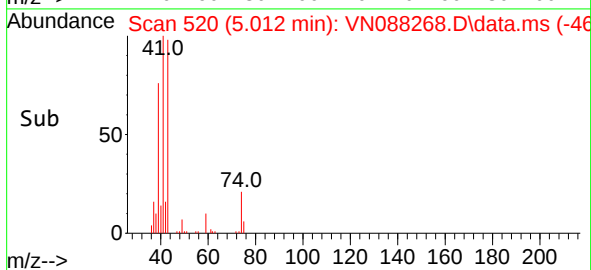
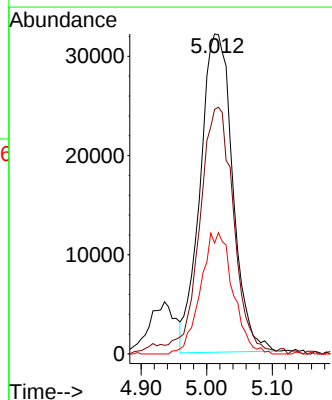
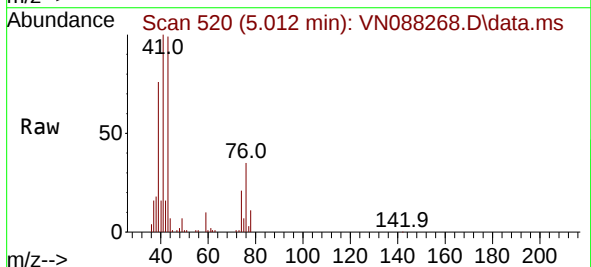
Manual Integrations
APPROVED

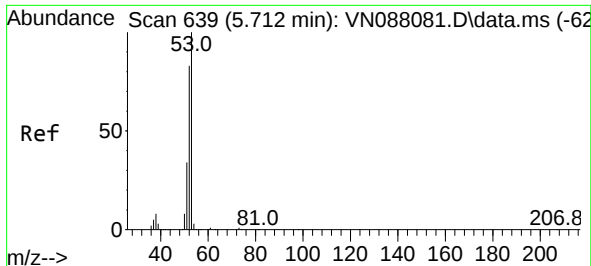
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#14
Allyl chloride
Concen: 19.753 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

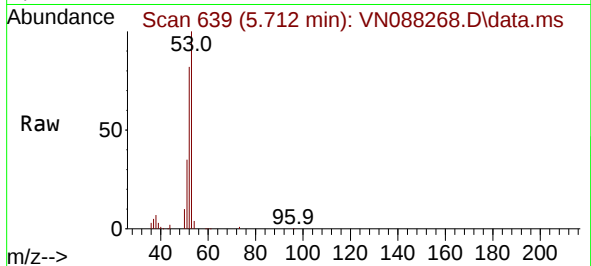
Tgt Ion: 41 Resp: 110350
Ion Ratio Lower Upper
41 100
39 79.4 63.9 95.9
76 38.1 28.1 42.1





#15
Acrylonitrile
Concen: 113.080 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

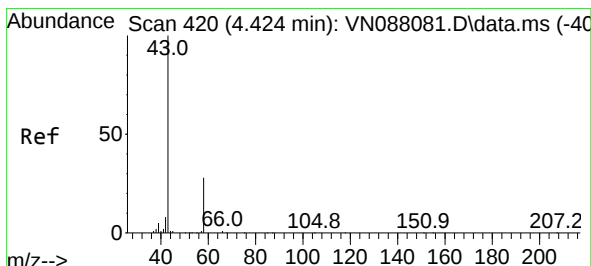
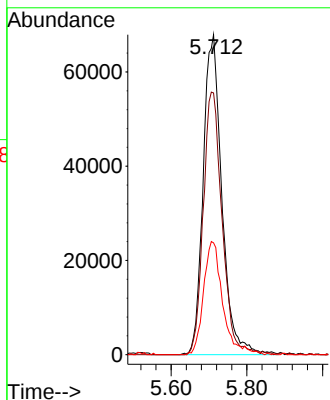
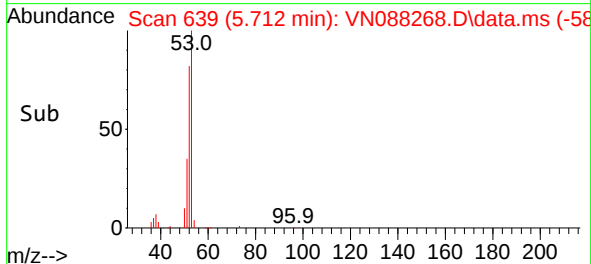
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 53 Resp: 232695
Ion Ratio Lower Upper
53 100
52 82.5 67.6 101.4
51 36.3 30.1 45.1

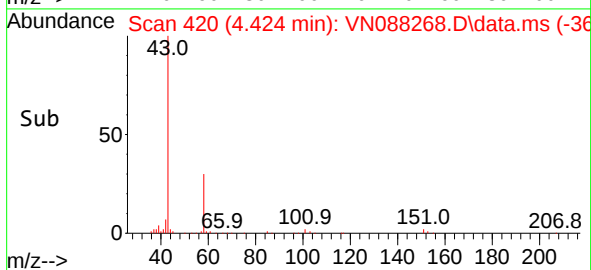
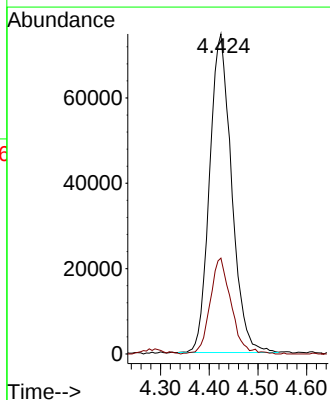
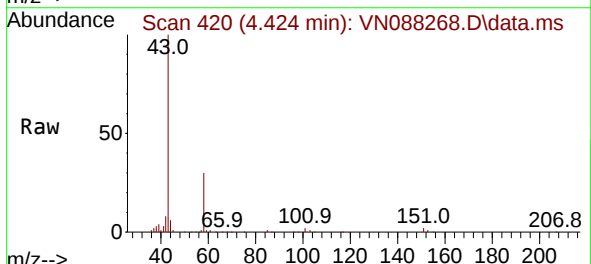
Manual Integrations
APPROVED

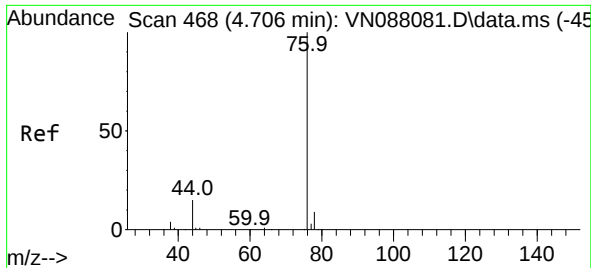
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#16
Acetone
Concen: 106.316 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Tgt Ion: 43 Resp: 234211
Ion Ratio Lower Upper
43 100
58 30.1 22.6 33.8





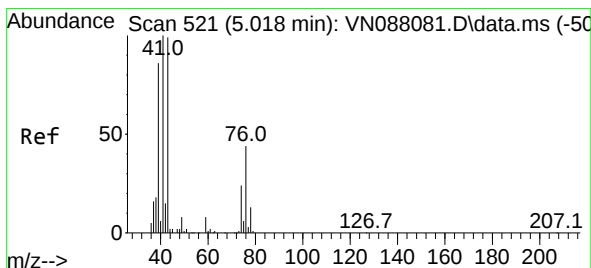
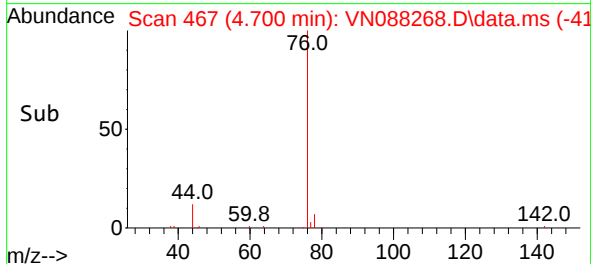
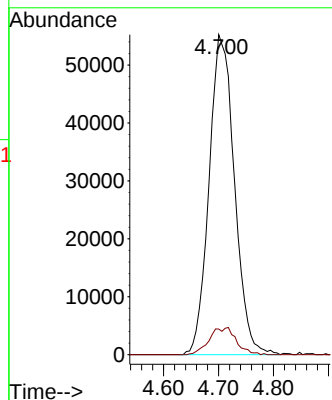
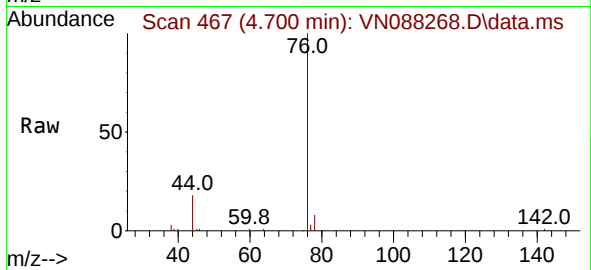
#17
Carbon Disulfide
Concen: 18.307 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion: 76 Resp: 177372
Ion Ratio Lower Upper
76 100
78 8.0 7.6 11.4

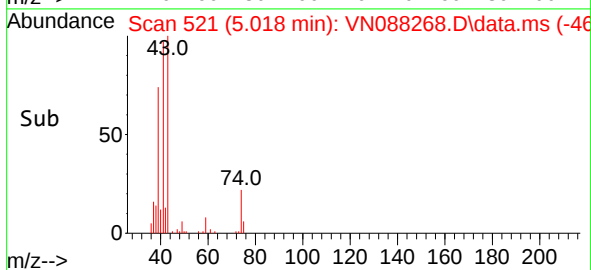
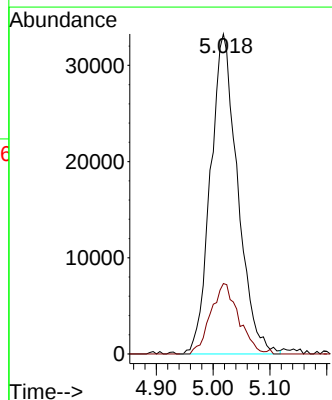
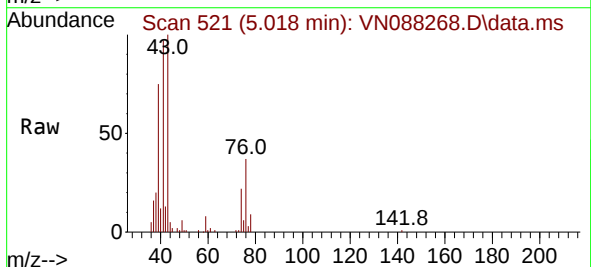
Manual Integrations
APPROVED

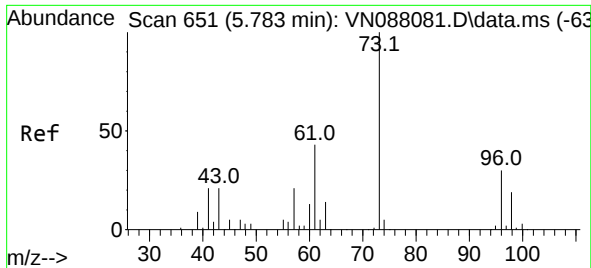
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#18
Methyl Acetate
Concen: 24.450 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Tgt Ion: 43 Resp: 110269
Ion Ratio Lower Upper
43 100
74 22.6 17.6 26.4





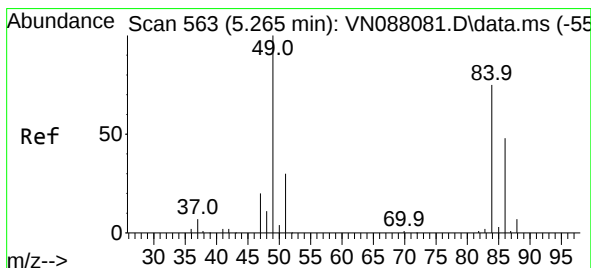
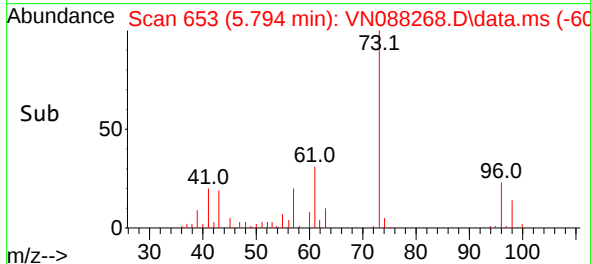
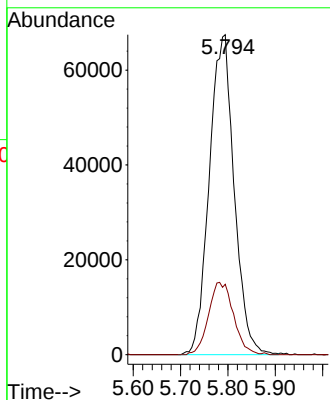
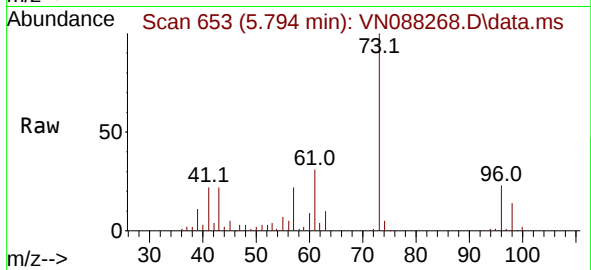
#19
Methyl tert-butyl Ether
Concen: 21.040 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion: 73 Resp: 246274
Ion Ratio Lower Upper
73 100
57 22.0 18.4 27.6

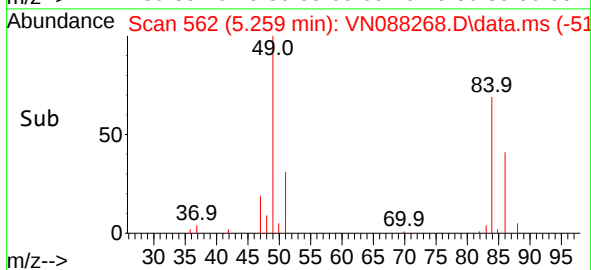
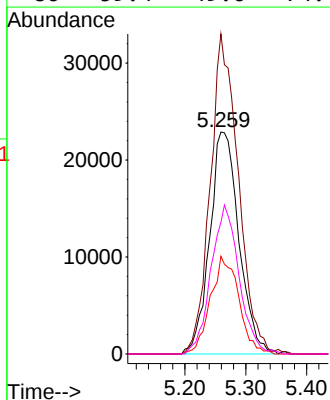
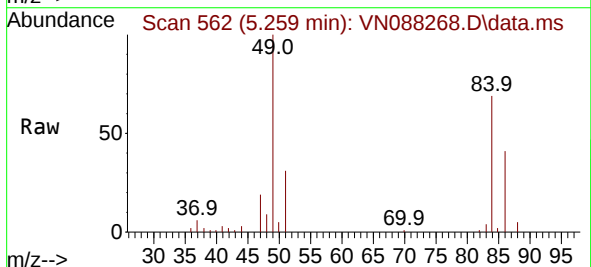
Manual Integrations
APPROVED

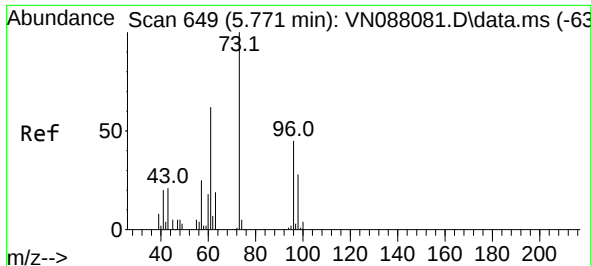
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#20
Methylene Chloride
Concen: 20.624 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

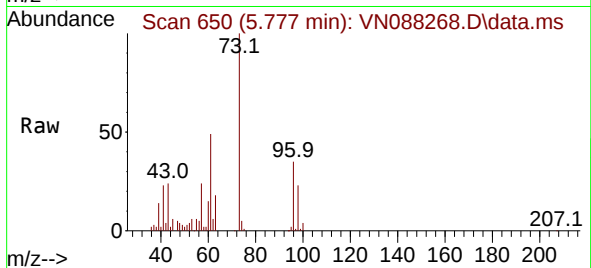
Tgt Ion: 84 Resp: 76267
Ion Ratio Lower Upper
84 100
49 144.2 103.4 155.2
51 44.0 33.8 50.8
86 59.4 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 20.278 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

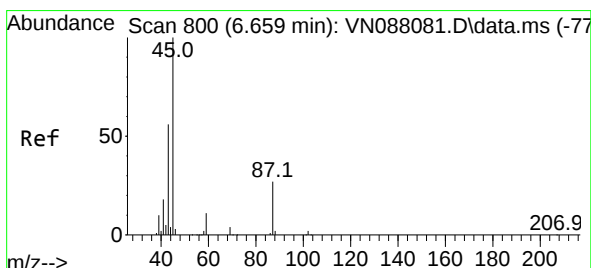
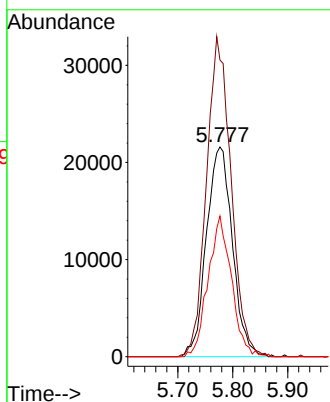
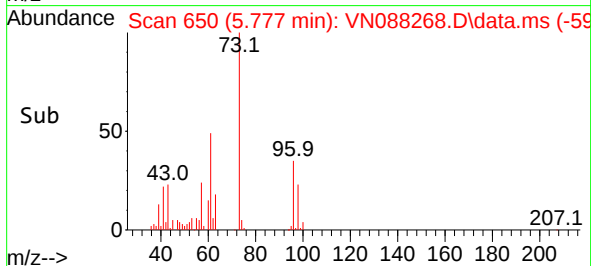
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



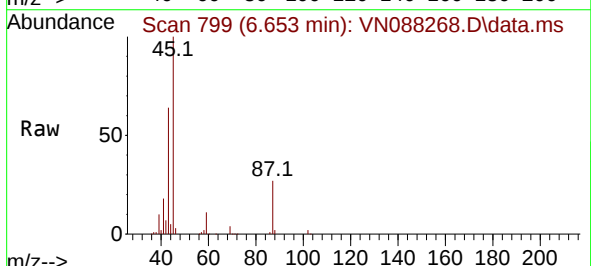
Tgt Ion: 96 Resp: 70944
Ion Ratio Lower Upper
96 100
61 141.4 118.0 177.0
98 67.0 50.0 75.0

Manual Integrations
APPROVED

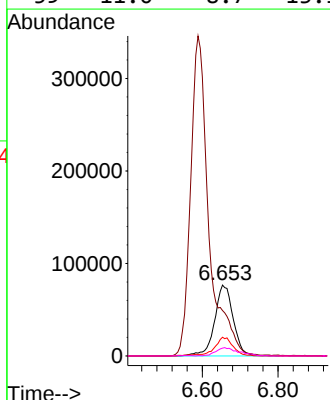
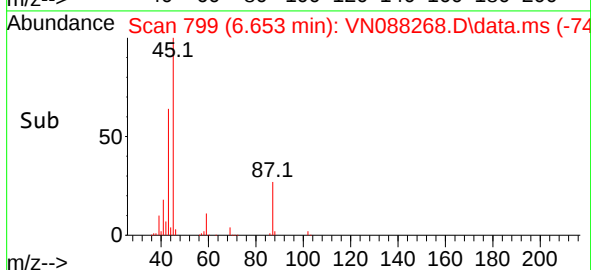
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

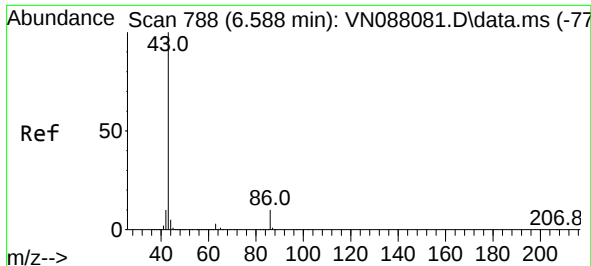


#22
Diisopropyl ether
Concen: 22.177 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



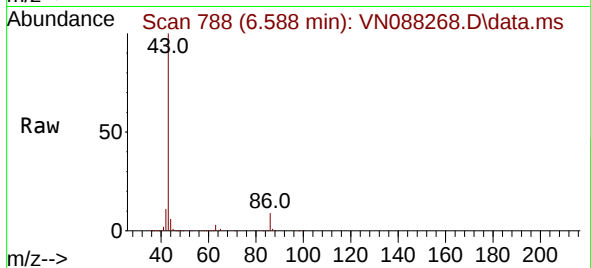
Tgt Ion: 45 Resp: 260555
Ion Ratio Lower Upper
45 100
43 62.8 47.7 71.5
87 26.5 21.4 32.0
59 11.0 8.7 13.1





#23
 Vinyl Acetate
 Concen: 109.188 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088268.D
 Acq: 12 Nov 2025 11:59

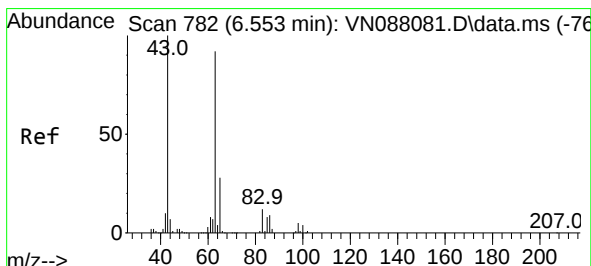
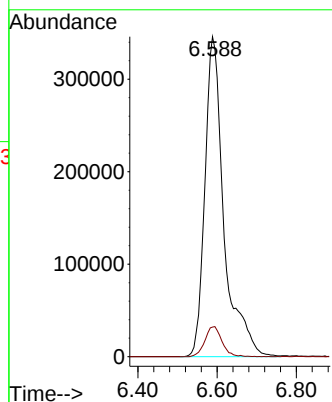
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01



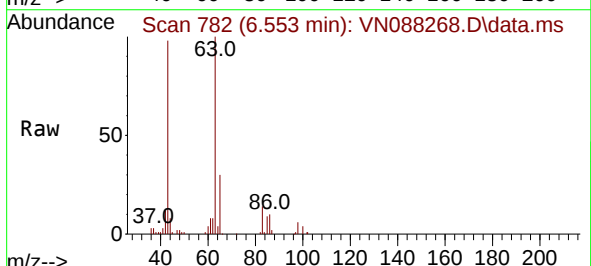
Tgt Ion: 43 Resp: 115554
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.2 12.4

Manual Integrations
 APPROVED

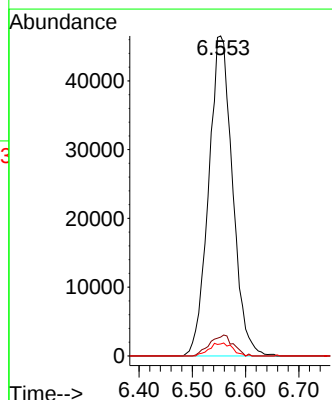
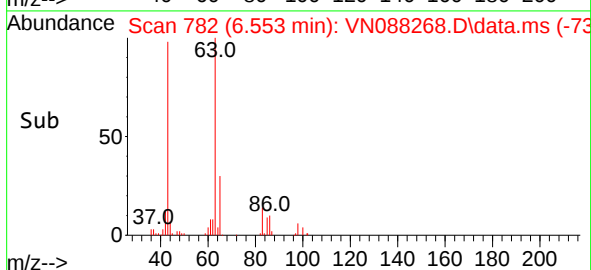
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025

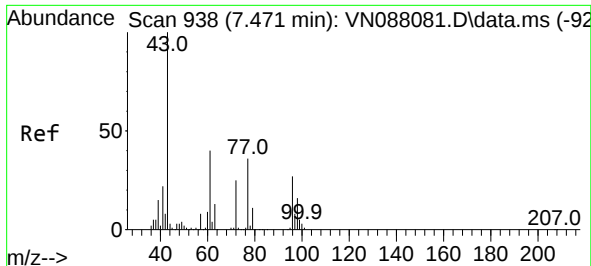


#24
 1,1-Dichloroethane
 Concen: 22.259 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088268.D
 Acq: 12 Nov 2025 11:59



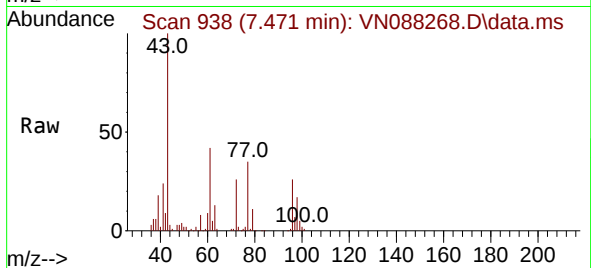
Tgt Ion: 63 Resp: 144865
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.8 11.4
 100 3.8 2.0 6.0





#25
2-Butanone
Concen: 110.567 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

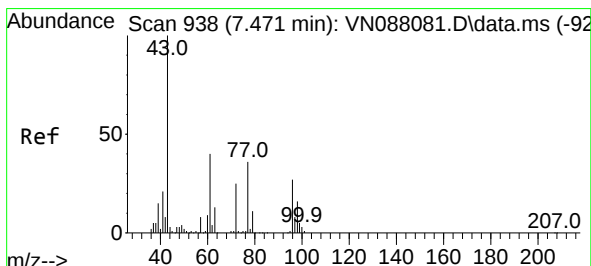
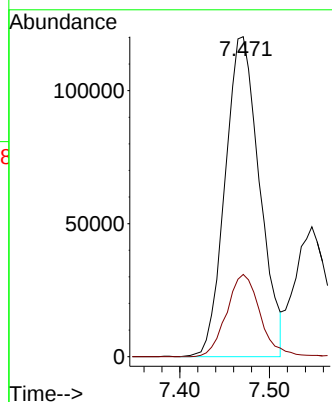
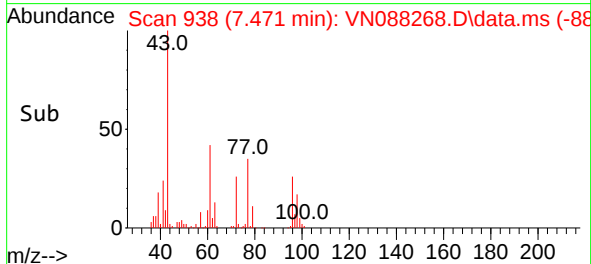
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



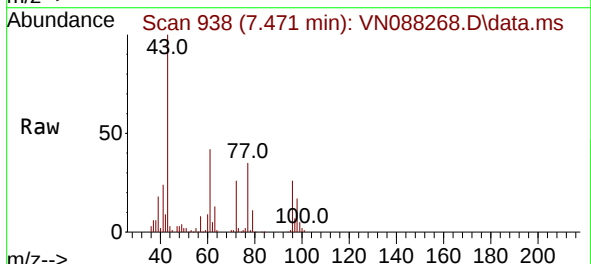
Tgt Ion: 43 Resp: 320990
Ion Ratio Lower Upper
43 100
72 25.7 19.9 29.9

Manual Integrations
APPROVED

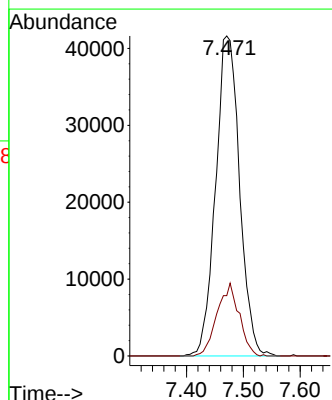
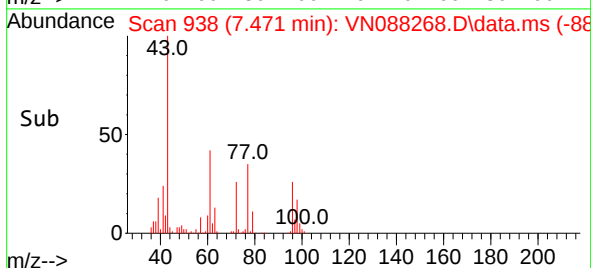
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

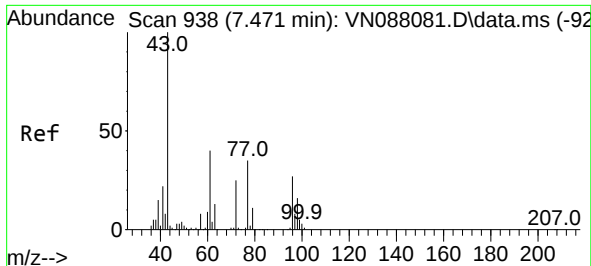


#26
2,2-Dichloropropane
Concen: 20.646 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



Tgt Ion: 77 Resp: 122104
Ion Ratio Lower Upper
77 100
97 20.9 10.9 32.7





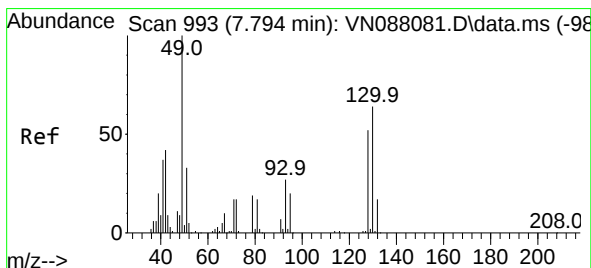
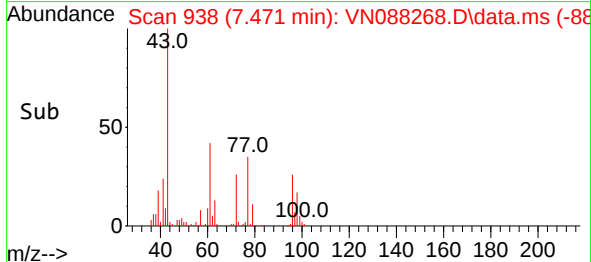
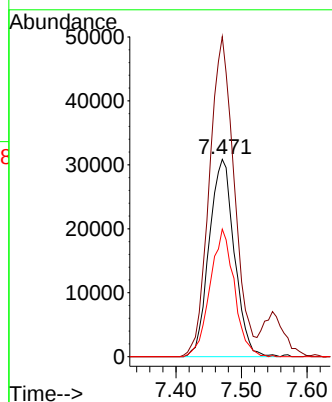
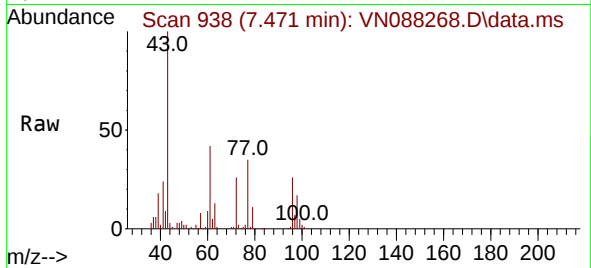
#27
 cis-1,2-Dichloroethene
 Concen: 20.448 ug/l
 RT: 7.471 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN088268.D
 Acq: 12 Nov 2025 11:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01

Tgt Ion: 96 Resp: 8235
 Ion Ratio Lower Upper
 96 100
 61 161.0 0.0 301.8
 98 62.3 0.0 126.2

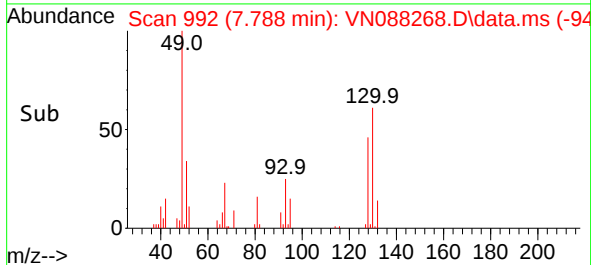
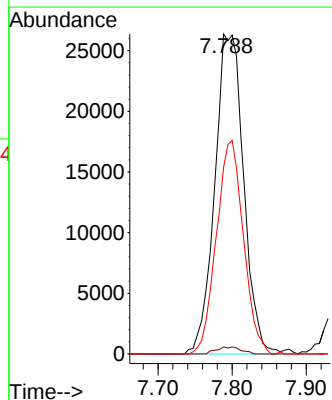
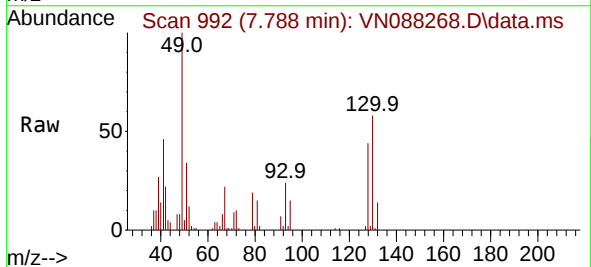
Manual Integrations
 APPROVED

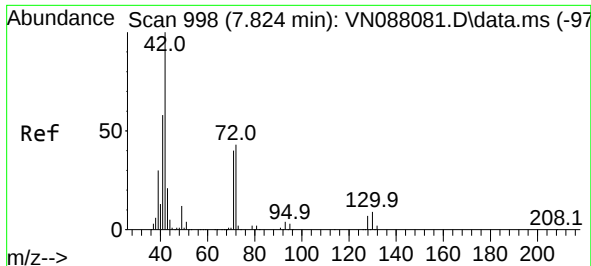
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#28
 Bromochloromethane
 Concen: 23.182 ug/l
 RT: 7.788 min Scan# 992
 Delta R.T. -0.012 min
 Lab File: VN088268.D
 Acq: 12 Nov 2025 11:59

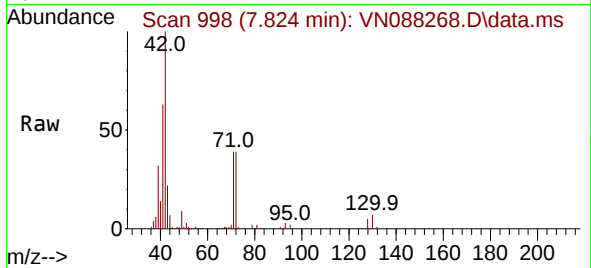
Tgt Ion: 49 Resp: 71286
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 62.5 53.1 79.7





#29
Tetrahydrofuran
Concen: 107.676 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

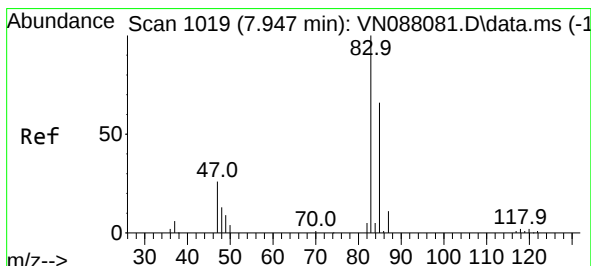
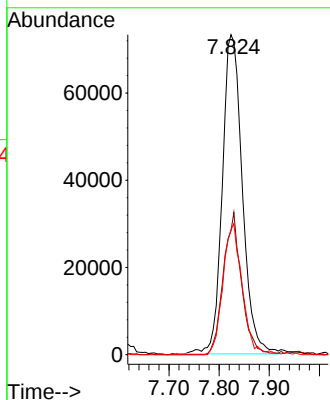
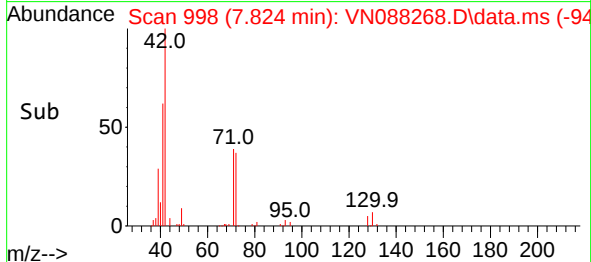
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 42 Resp: 203724
Ion Ratio Lower Upper
42 100
72 40.1 33.7 50.5
71 39.2 31.9 47.9

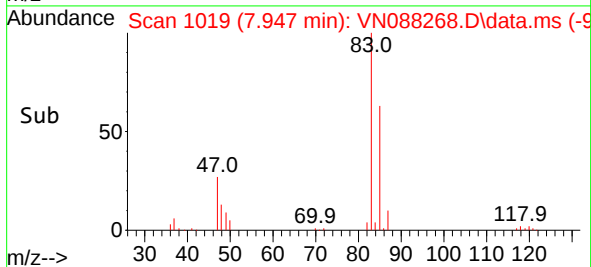
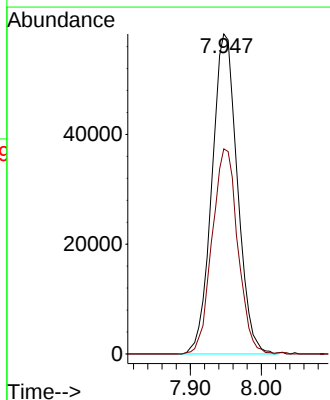
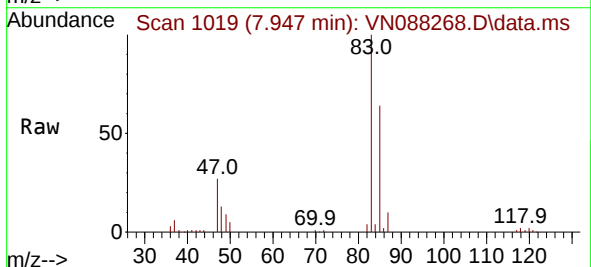
Manual Integrations
APPROVED

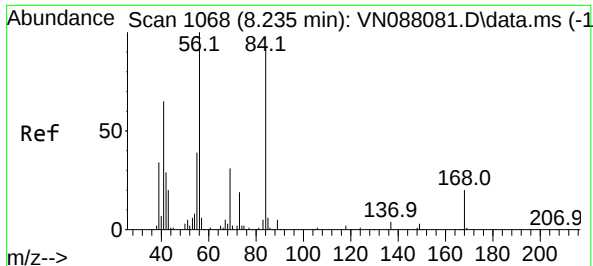
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#30
Chloroform
Concen: 22.265 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

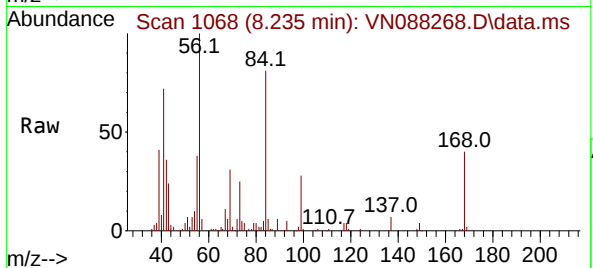
Tgt Ion: 83 Resp: 144761
Ion Ratio Lower Upper
83 100
85 64.1 50.7 76.1





#31
Cyclohexane
Concen: 19.547 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

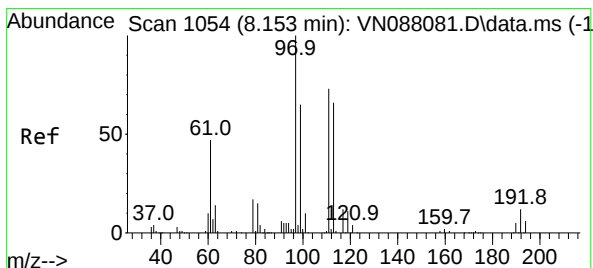
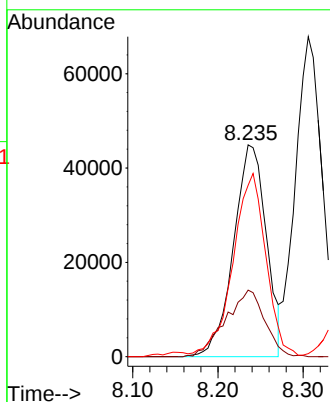
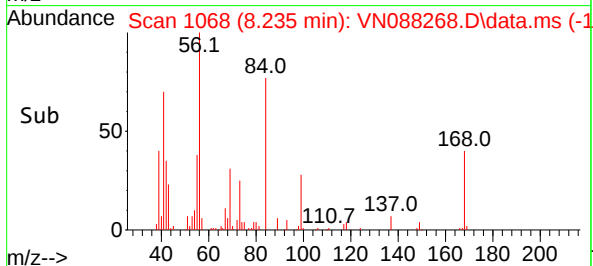
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



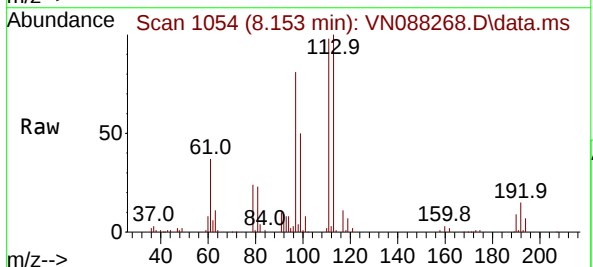
Tgt Ion: 56 Resp: 119980
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 78.9 64.7 97.1

Manual Integrations
APPROVED

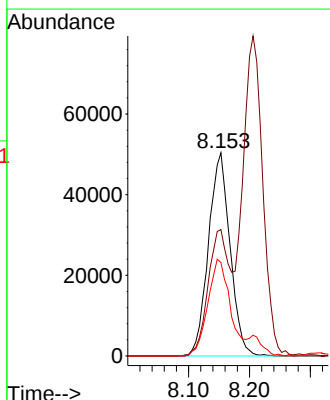
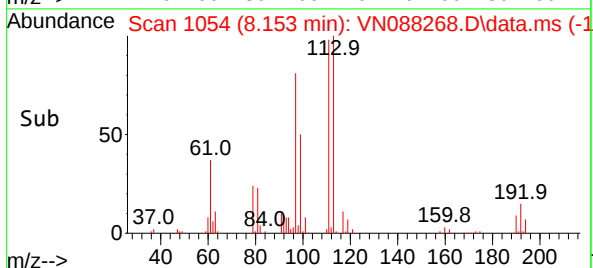
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

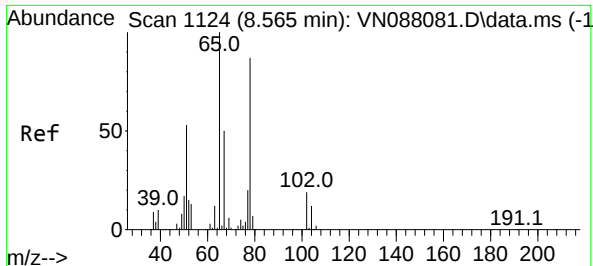


#32
1,1,1-Trichloroethane
Concen: 21.458 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



Tgt Ion: 97 Resp: 124259
Ion Ratio Lower Upper
97 100
99 60.4 52.2 78.2
61 49.7 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 51.787 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion: 65 Resp: 227084

Ion Ratio Lower Upper

65 100

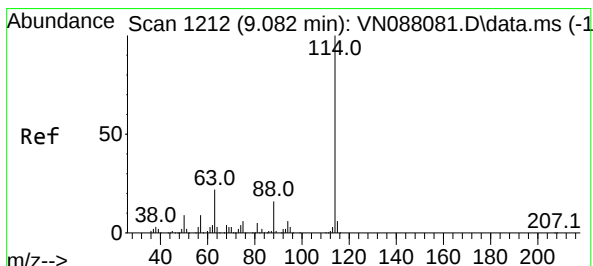
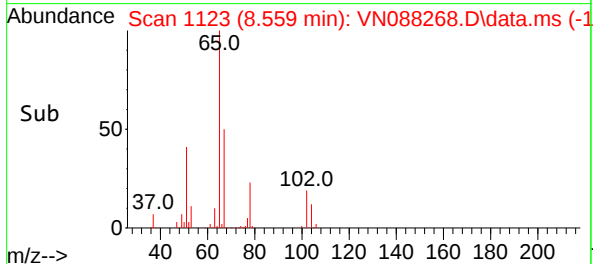
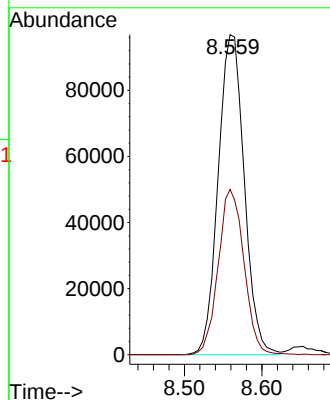
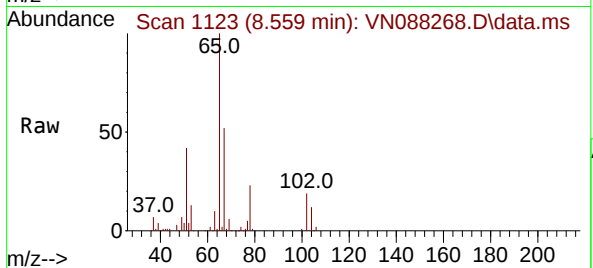
67 50.9 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

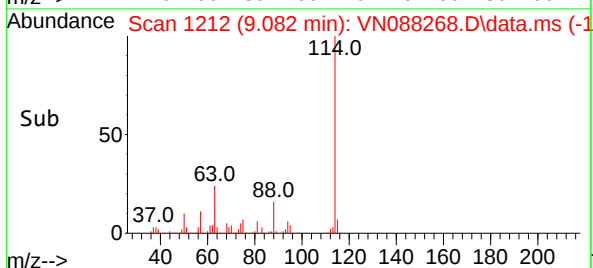
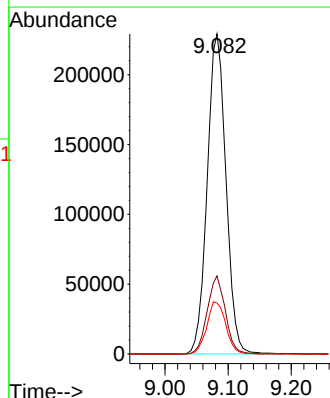
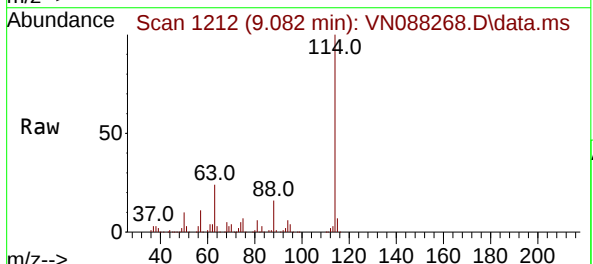
Tgt Ion:114 Resp: 472283

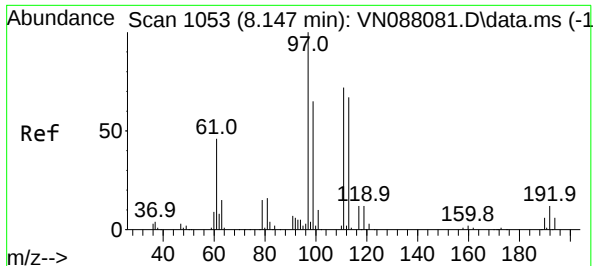
Ion Ratio Lower Upper

114 100

63 24.4 0.0 45.2

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.266 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion:113 Resp: 15631

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

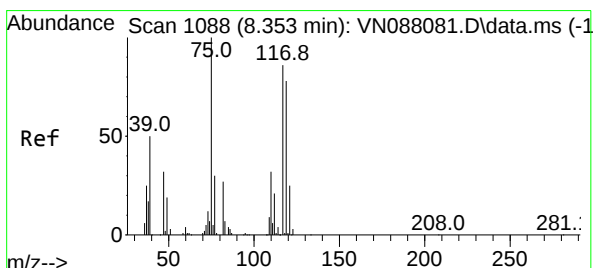
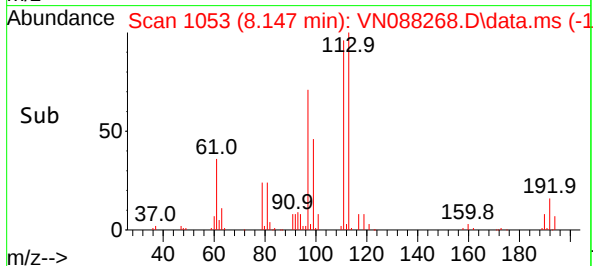
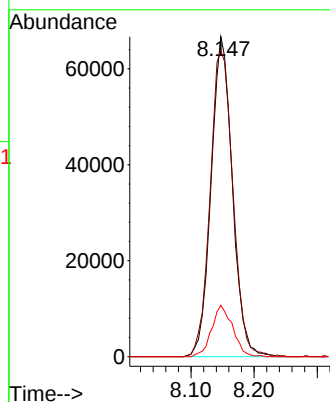
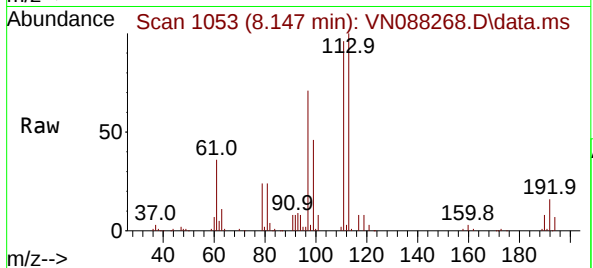
192 15.8 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#36

1,1-Dichloropropene

Concen: 21.101 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

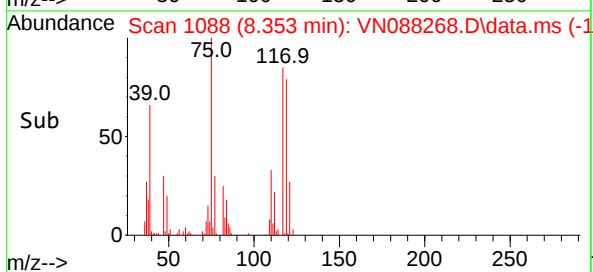
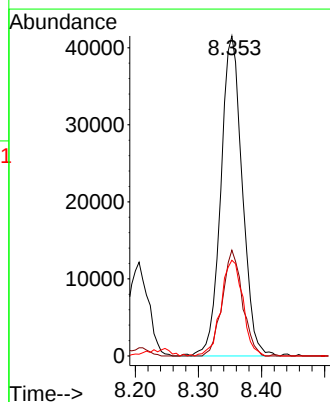
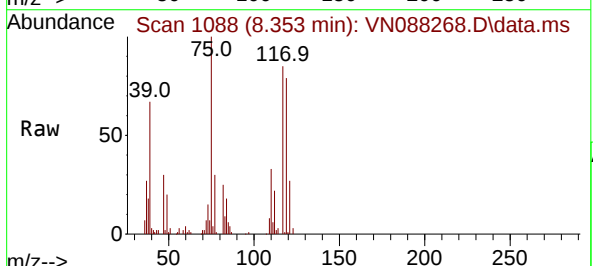
Tgt Ion: 75 Resp: 97755

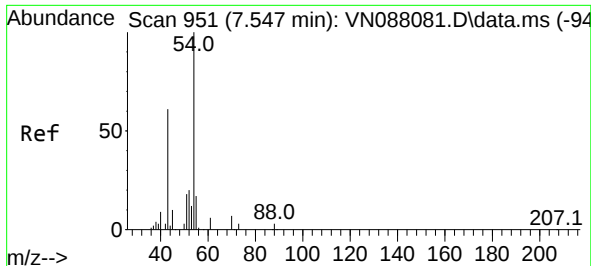
Ion Ratio Lower Upper

75 100

110 31.2 15.9 47.6

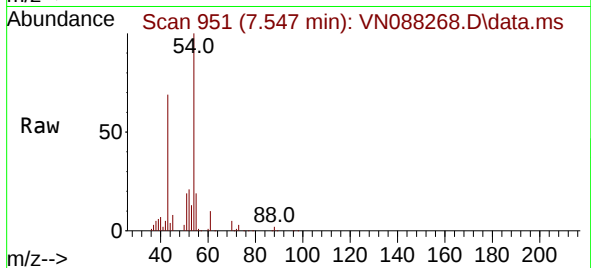
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 22.136 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

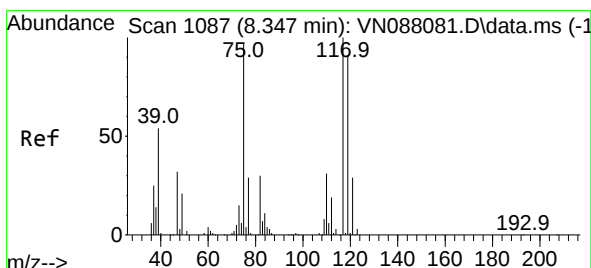
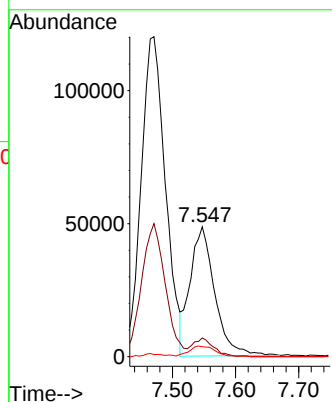
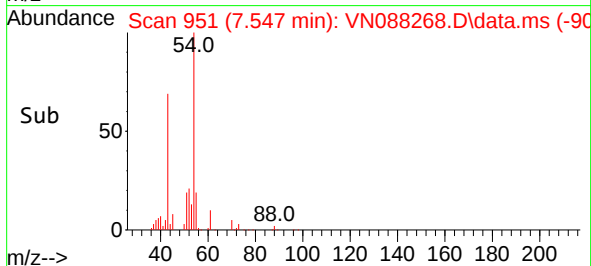
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 43 Resp: 132339
Ion Ratio Lower Upper
43 100
61 11.2 9.3 13.9
70 8.7 7.0 10.6

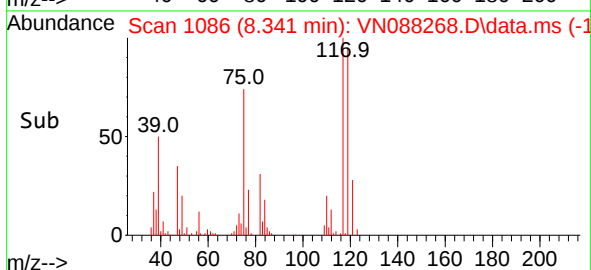
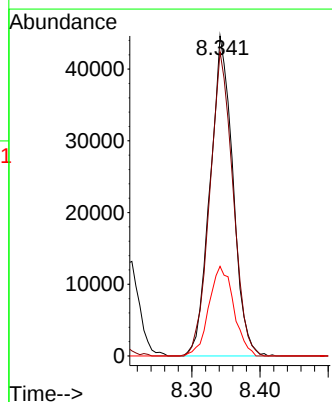
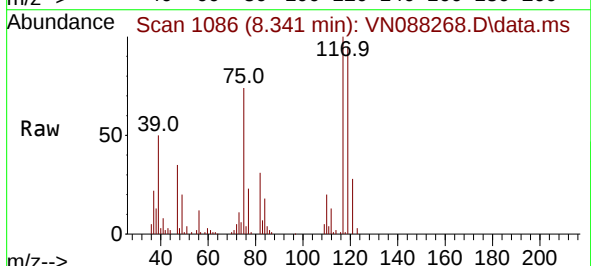
Manual Integrations
APPROVED

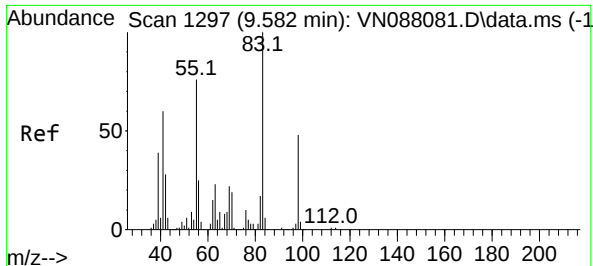
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#38
Carbon Tetrachloride
Concen: 21.667 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Tgt Ion:117 Resp: 103673
Ion Ratio Lower Upper
117 100
119 95.1 79.0 118.6
121 28.0 25.0 37.6





#39

Methylcyclohexane

Concen: 17.766 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

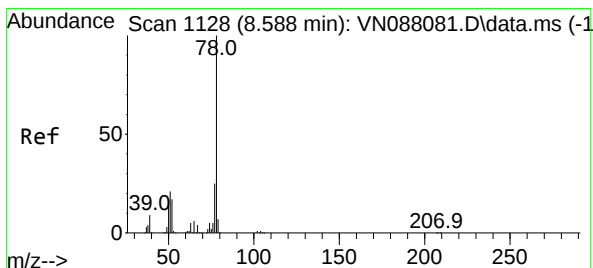
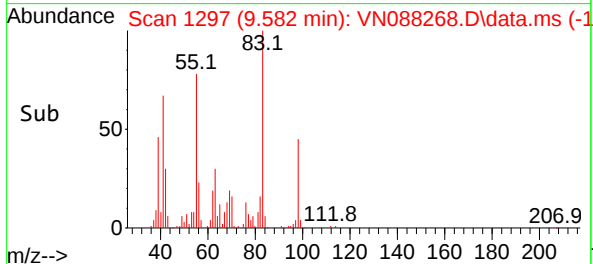
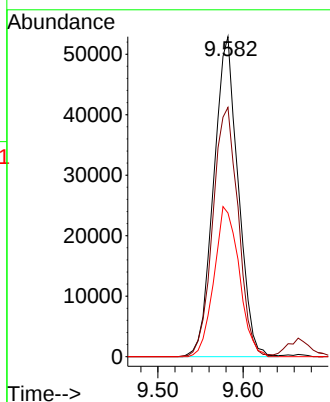
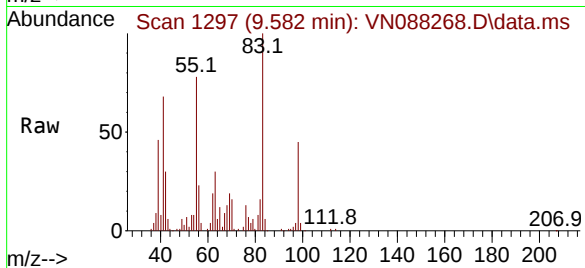
Tgt Ion:	83	Resp:	10579
Ion Ratio	Lower	Upper	
83	100		
55	77.9	64.6	96.8
98	44.9	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#40

Benzene

Concen: 20.940 ug/l

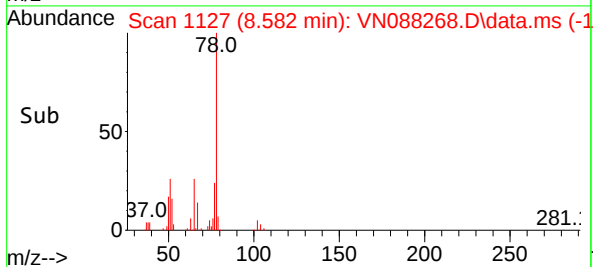
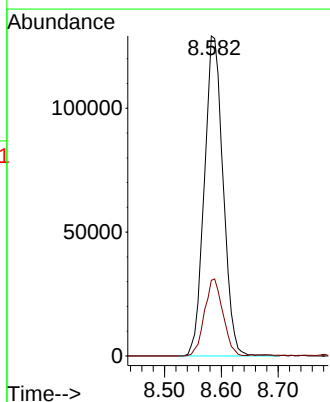
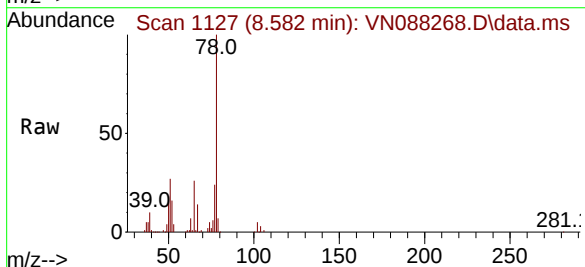
RT: 8.582 min Scan# 1127

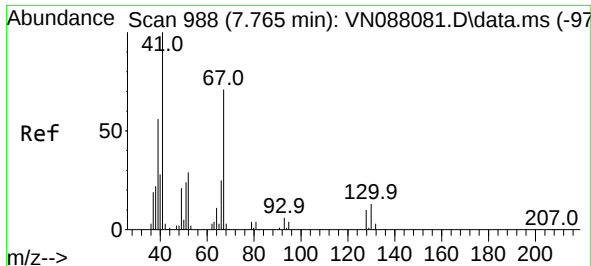
Delta R.T. -0.006 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

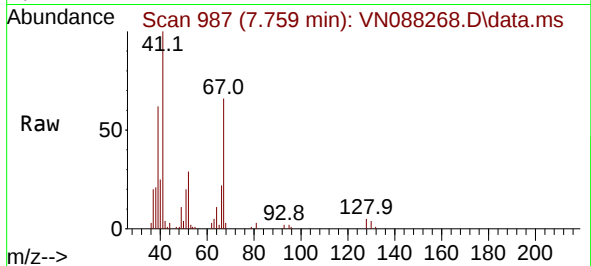
Tgt Ion:	78	Resp:	295441
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.7	29.5





#41
Methacrylonitrile
Concen: 21.138 ug/l
RT: 7.759 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

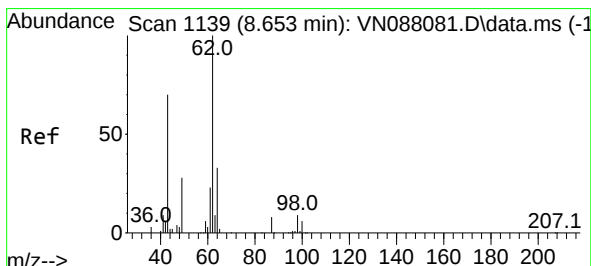
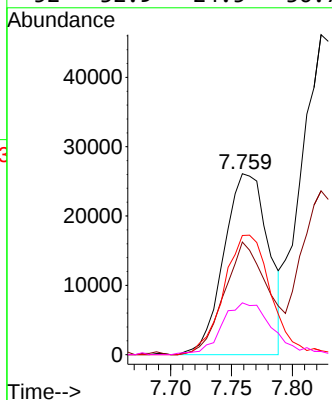
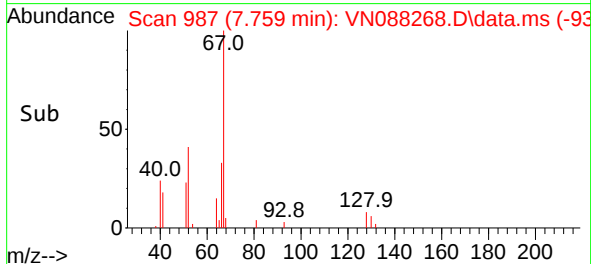
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion:	41	Resp:	6651
Ion Ratio	100	Lower	Upper
39	62.0	45.4	68.0
67	70.2	55.3	82.9
52	32.9	24.5	36.7

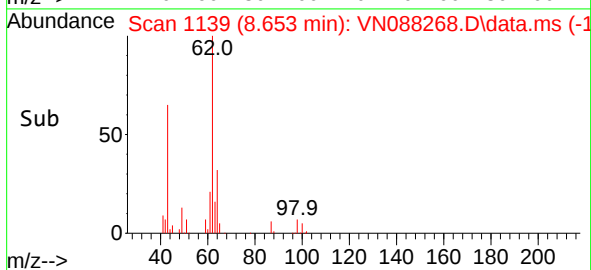
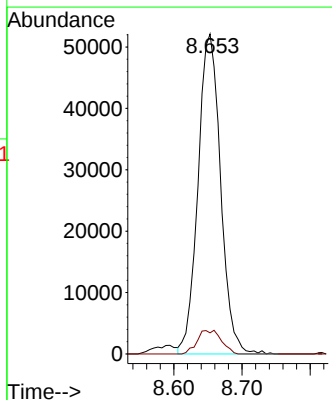
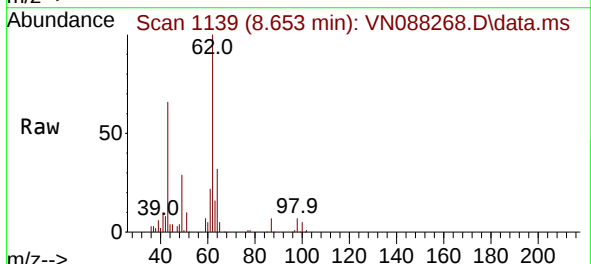
Manual Integrations
APPROVED

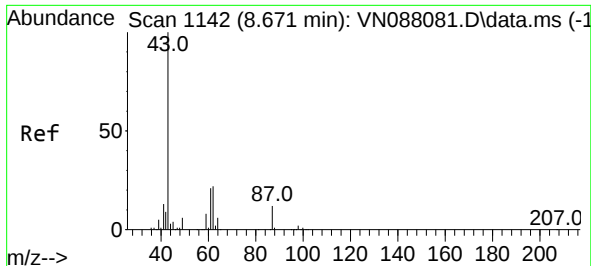
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#42
1,2-Dichloroethane
Concen: 23.945 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

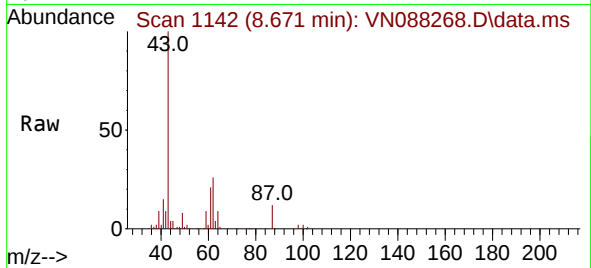
Tgt Ion:	62	Resp:	120038
Ion Ratio	100	Lower	Upper
98	7.9	0.0	17.4





#43
Isopropyl Acetate
Concen: 21.462 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

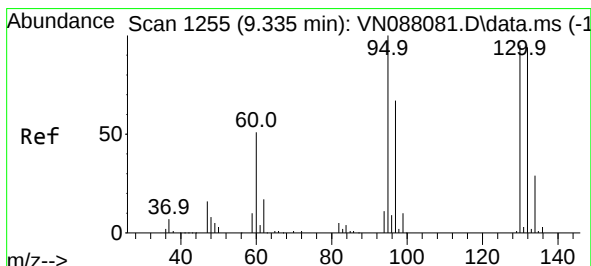
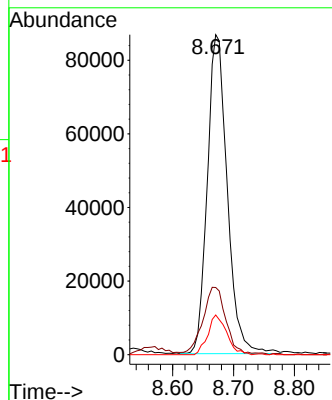
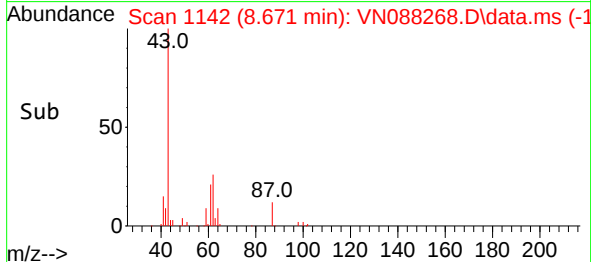
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



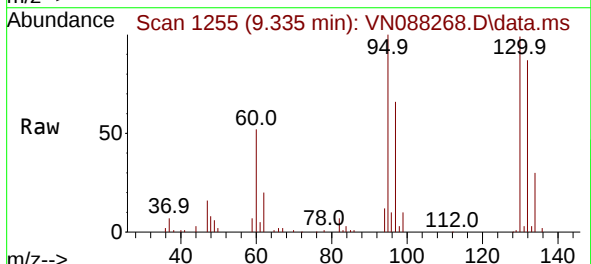
Tgt Ion: 43 Resp: 19716
Ion Ratio Lower Upper
43 100
61 24.7 18.8 28.2
87 11.7 9.6 14.4

Manual Integrations
APPROVED

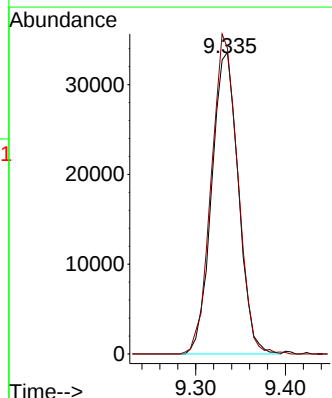
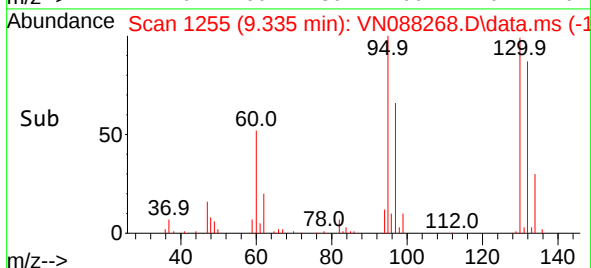
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

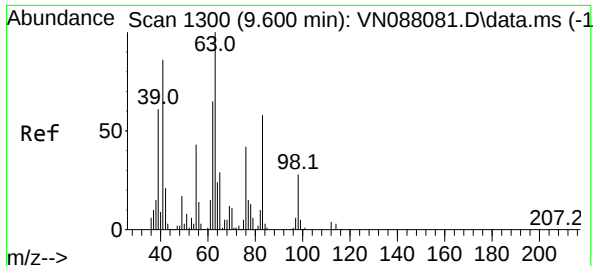


#44
Trichloroethene
Concen: 21.054 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



Tgt Ion:130 Resp: 69430
Ion Ratio Lower Upper
130 100
95 101.4 0.0 212.0





#45

1,2-Dichloropropane

Concen: 22.325 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion: 63 Resp: 79518

Ion Ratio Lower Upper

63 100

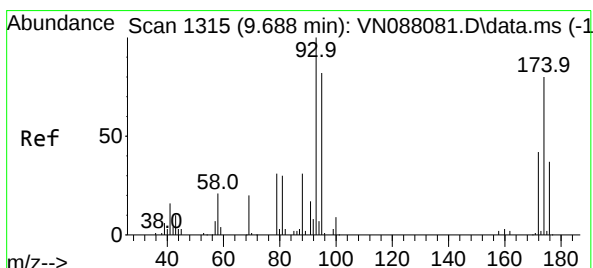
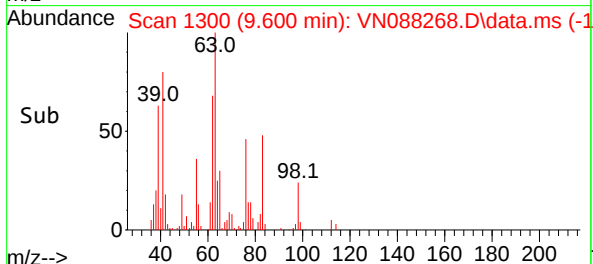
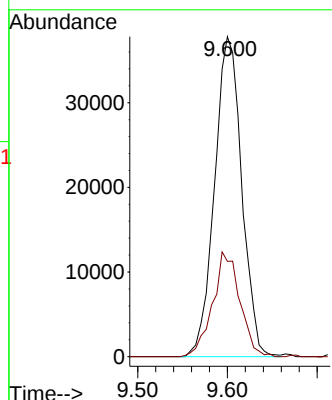
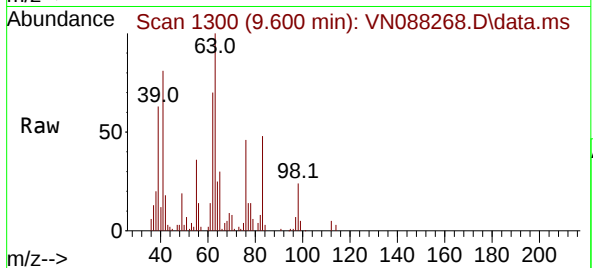
65 29.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#46

Dibromomethane

Concen: 22.485 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

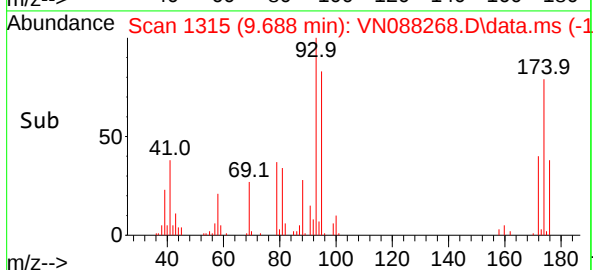
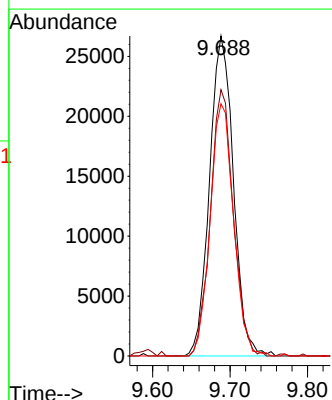
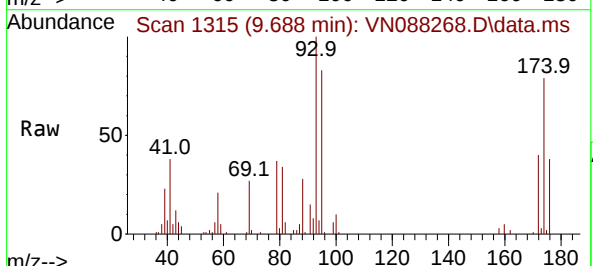
Tgt Ion: 93 Resp: 57119

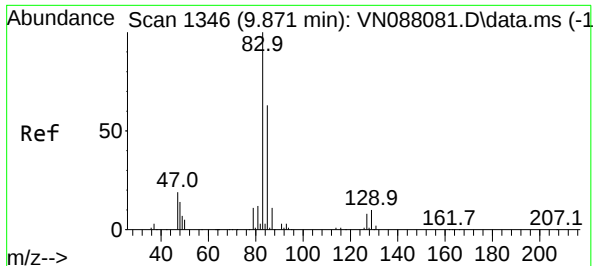
Ion Ratio Lower Upper

93 100

95 80.0 66.2 99.4

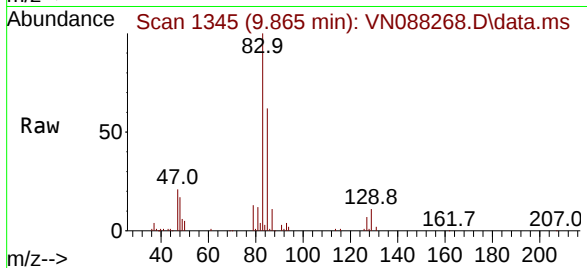
174 77.5 63.4 95.2





#47
Bromodichloromethane
Concen: 22.883 ug/l
RT: 9.865 min Scan# 11638
Delta R.T. -0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

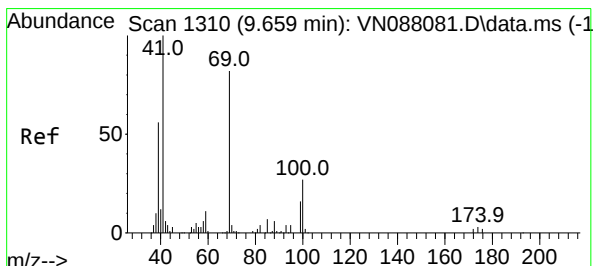
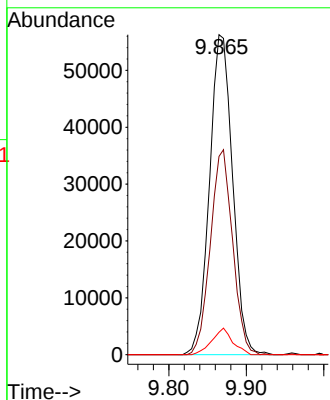
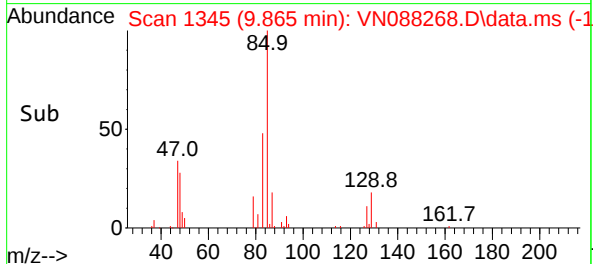
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



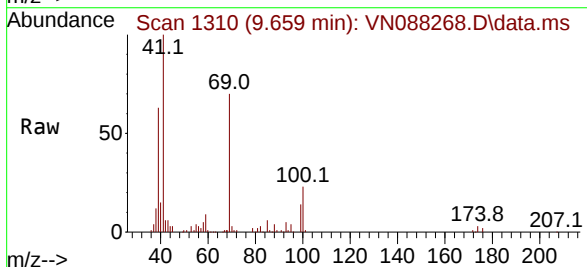
Tgt Ion: 83 Resp: 11638
Ion Ratio Lower Upper
83 100
85 61.9 52.5 78.7
127 7.0 5.8 8.6

Manual Integrations
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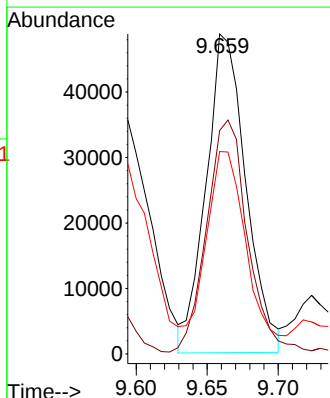
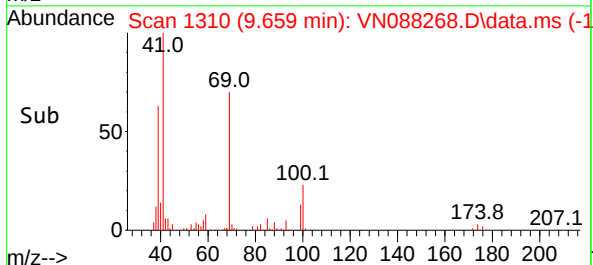
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

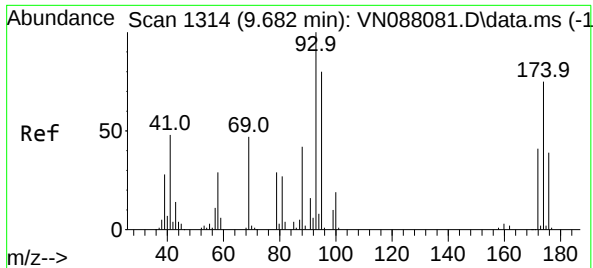


#48
Methyl methacrylate
Concen: 22.402 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



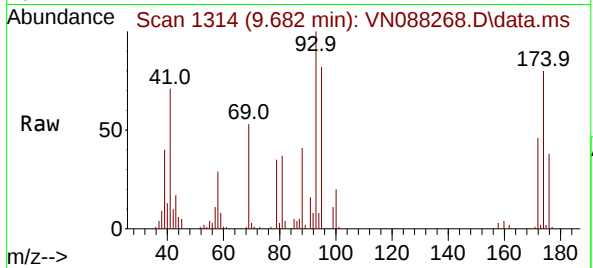
Tgt Ion: 41 Resp: 95012
Ion Ratio Lower Upper
41 100
69 74.3 62.7 94.1
39 65.6 52.9 79.3





#49
1,4-Dioxane
Concen: 409.839 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

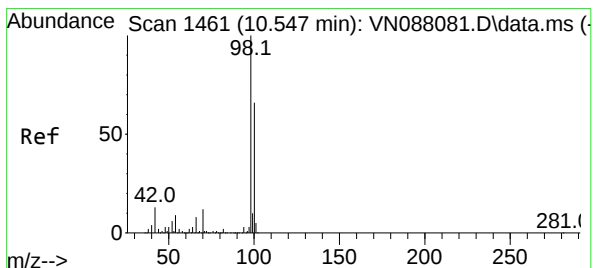
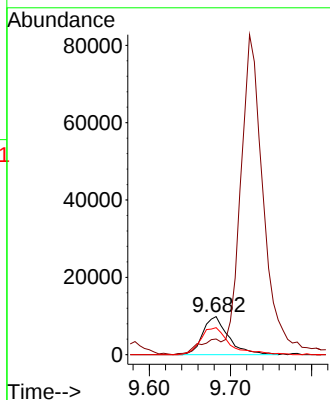
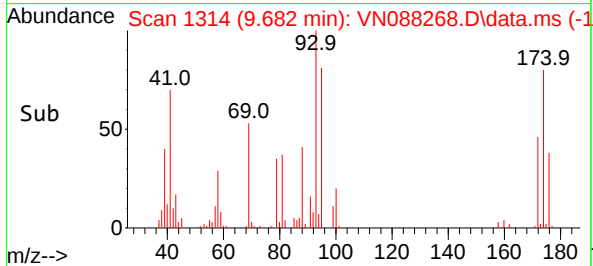
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 88 Resp: 21619
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 81.2 57.9 86.9

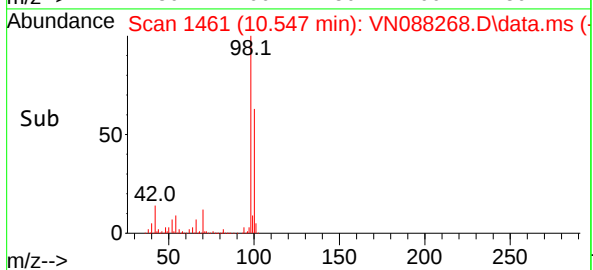
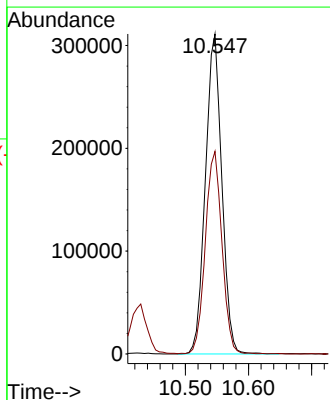
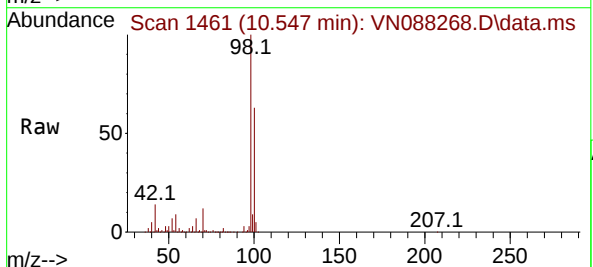
Manual Integrations
APPROVED

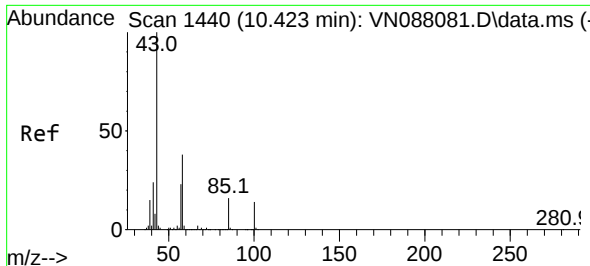
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#50
Toluene-d8
Concen: 46.006 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

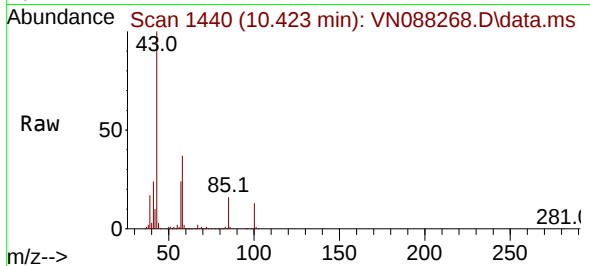
Tgt Ion: 98 Resp: 562442
Ion Ratio Lower Upper
98 100
100 64.1 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 117.256 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

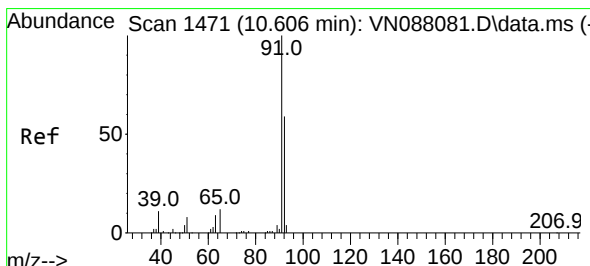
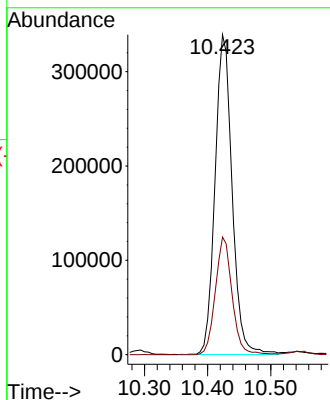
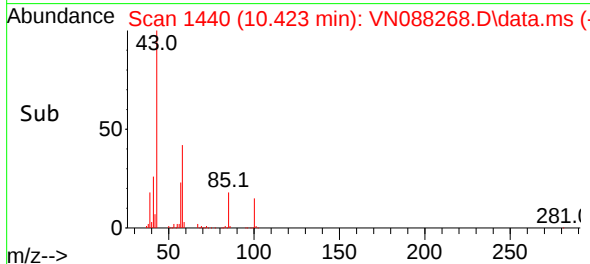
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 43 Resp: 637244
Ion Ratio Lower Upper
43 100
58 36.1 29.6 44.4

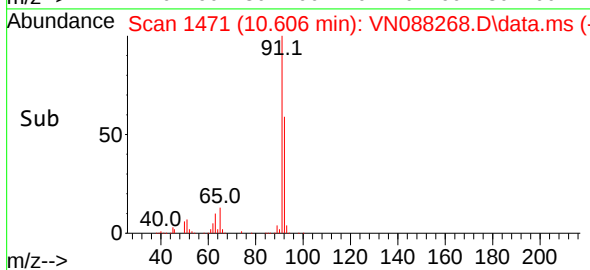
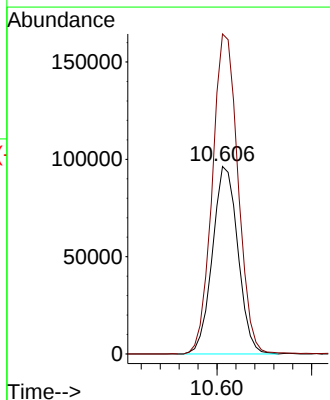
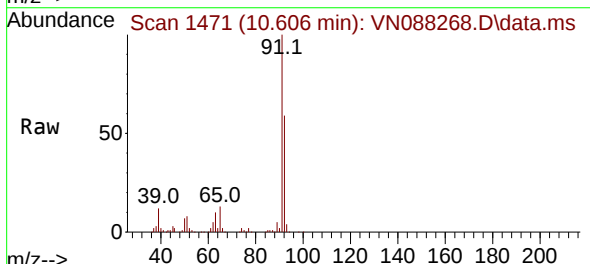
Manual Integrations
APPROVED

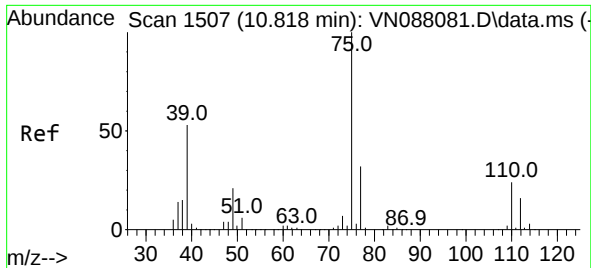
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#52
Toluene
Concen: 20.672 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

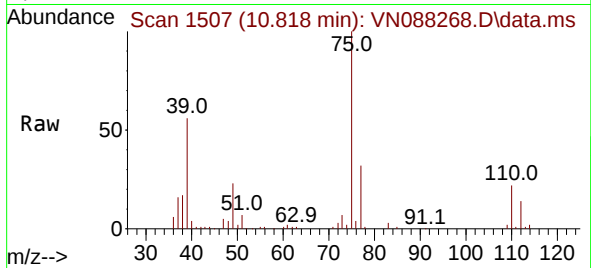
Tgt Ion: 92 Resp: 179816
Ion Ratio Lower Upper
92 100
91 172.6 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 21.575 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

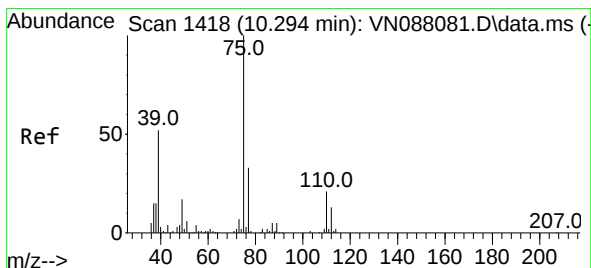
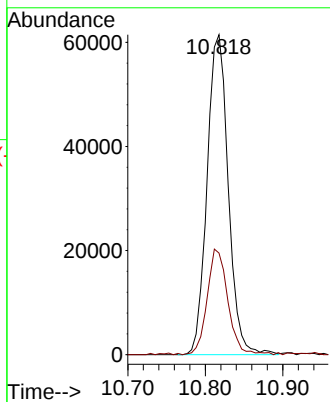
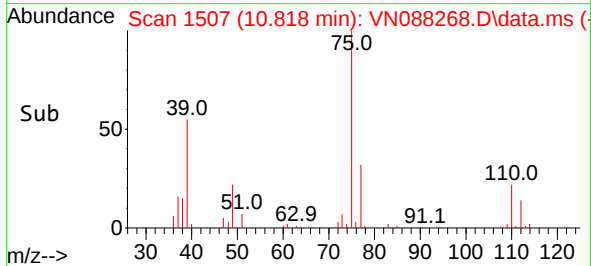
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



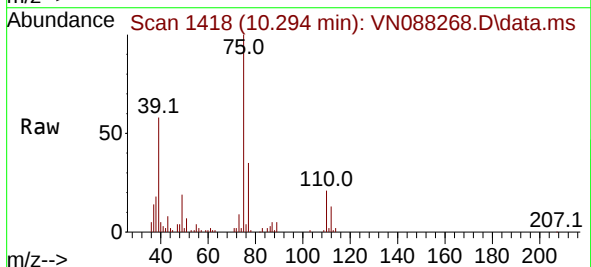
Tgt Ion: 75 Resp: 116790
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8

Manual Integrations
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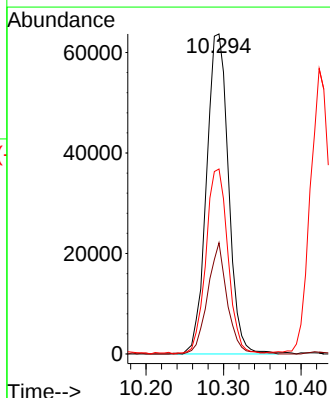
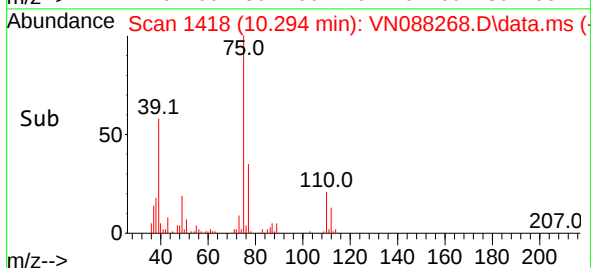
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

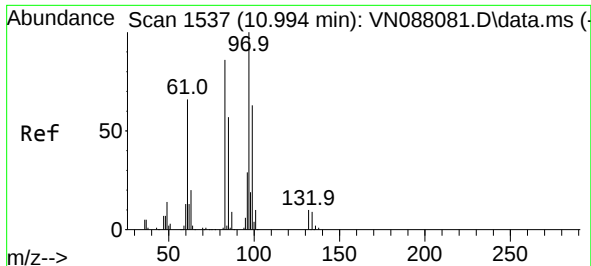


#54
cis-1,3-Dichloropropene
Concen: 21.878 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



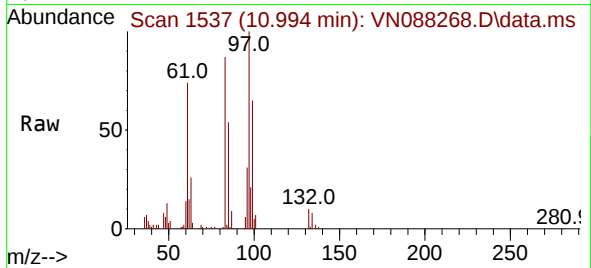
Tgt Ion: 75 Resp: 125667
Ion Ratio Lower Upper
75 100
77 34.8 24.6 37.0
39 57.5 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 21.505 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

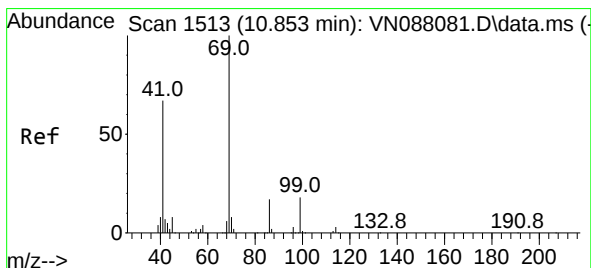
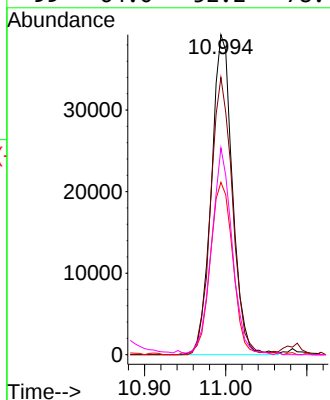
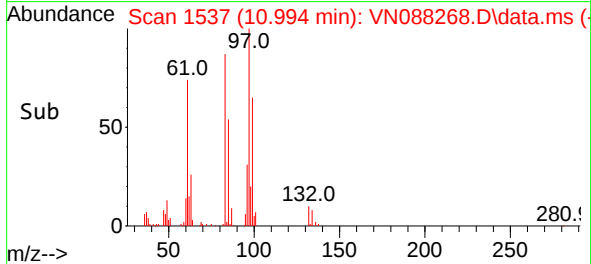
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



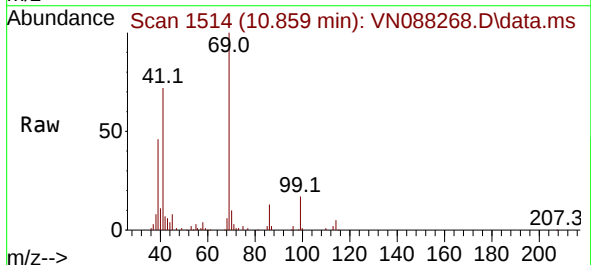
Tgt Ion:	97	Resp:	7097
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.2	102.4
85	53.9	45.5	68.3
99	64.0	52.2	78.4

Manual Integrations
APPROVED

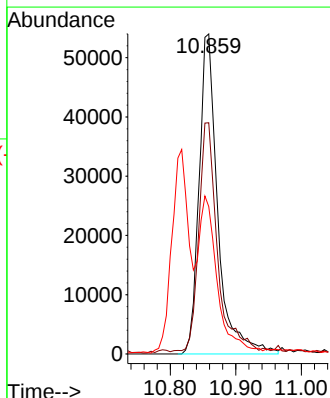
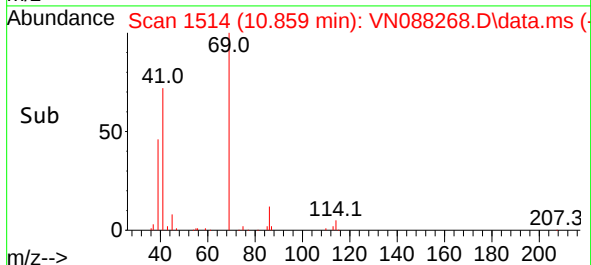
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

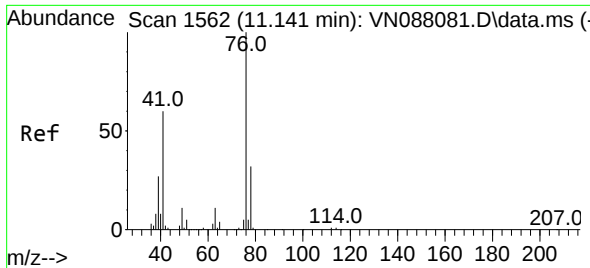


#56
Ethyl methacrylate
Concen: 20.565 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



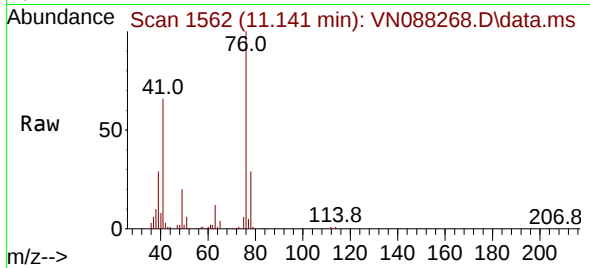
Tgt Ion:	69	Resp:	107402
Ion	Ratio	Lower	Upper
69	100		
41	71.6	56.5	84.7
39	47.6	34.2	51.4





#57
1,3-Dichloropropane
Concen: 22.196 ug/l
RT: 11.141 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

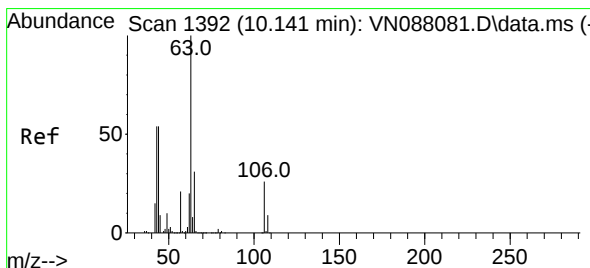
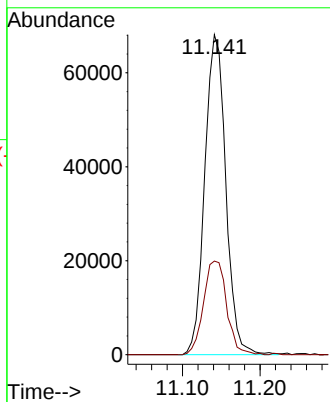
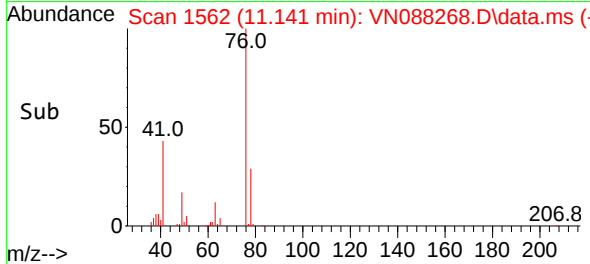
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 76 Resp: 128750
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

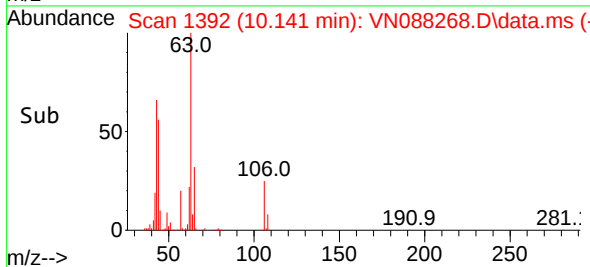
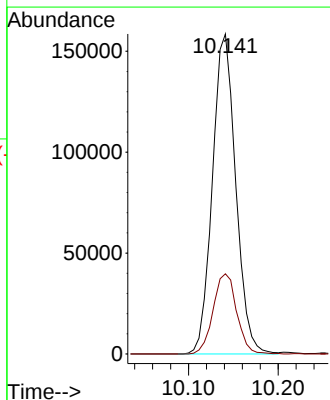
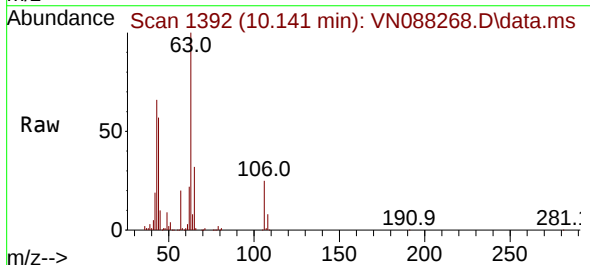
Manual Integrations
APPROVED

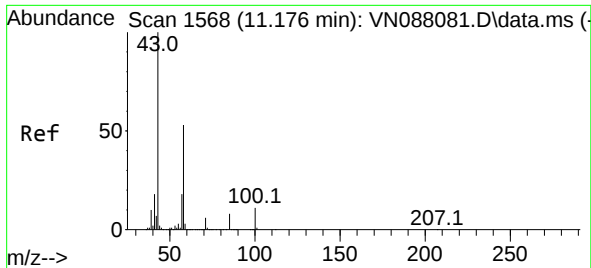
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 105.337 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

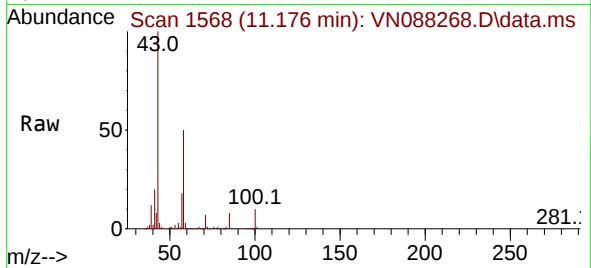
Tgt Ion: 63 Resp: 286151
Ion Ratio Lower Upper
63 100
106 25.3 21.1 31.7





#59
2-Hexanone
Concen: 111.944 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

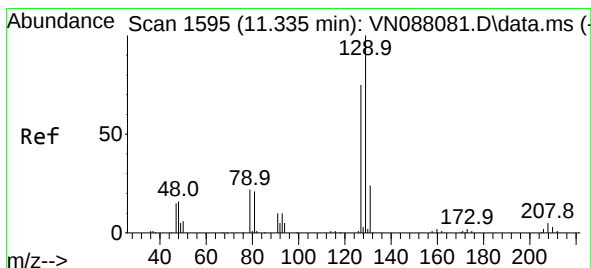
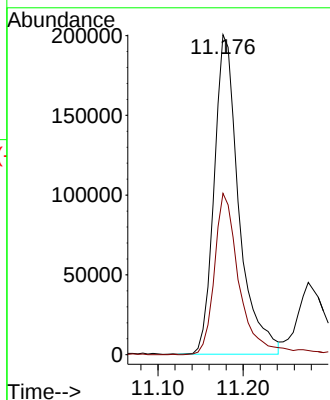
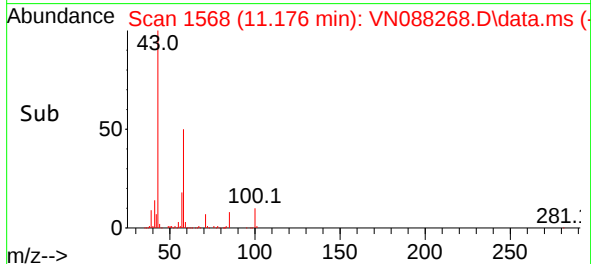
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



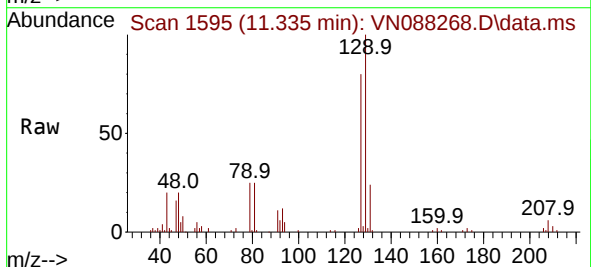
Tgt Ion: 43 Resp: 40358
Ion Ratio Lower Upper
43 100
58 50.3 25.9 77.8

Manual Integrations
APPROVED

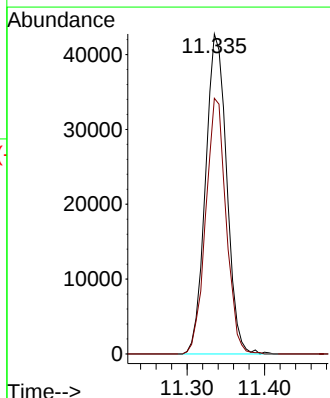
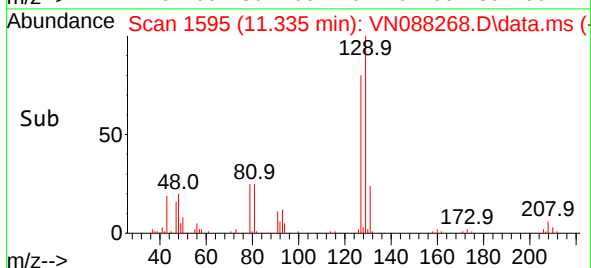
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

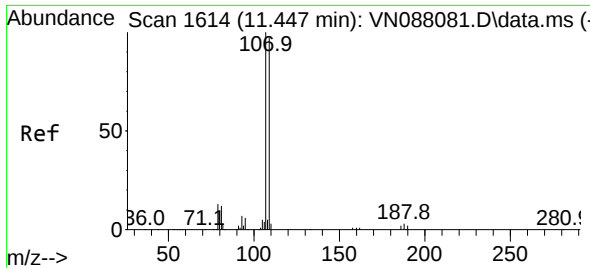


#60
Dibromochloromethane
Concen: 21.602 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



Tgt Ion:129 Resp: 81030
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3





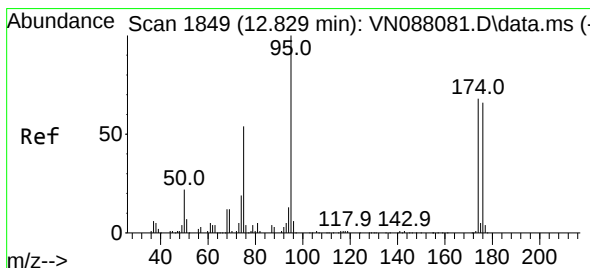
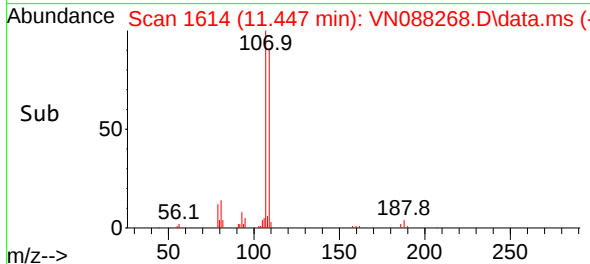
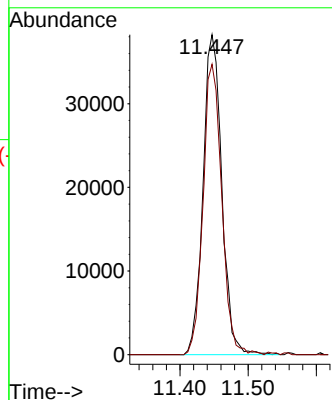
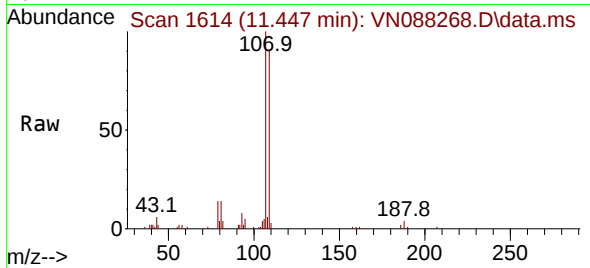
#61
1,2-Dibromoethane
Concen: 21.589 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion:107 Resp: 73320
Ion Ratio Lower Upper
107 100
109 90.4 74.7 112.1

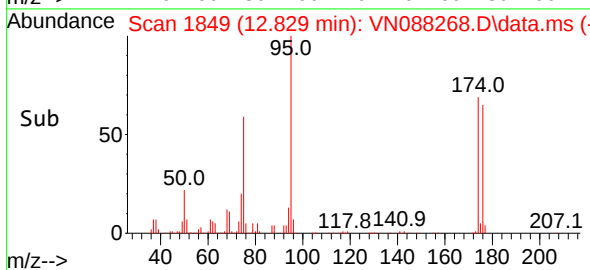
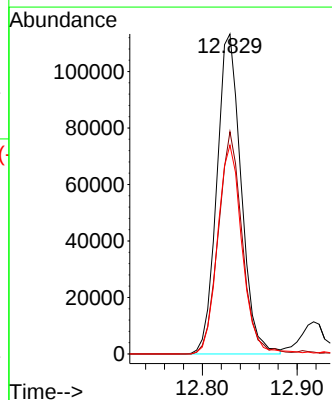
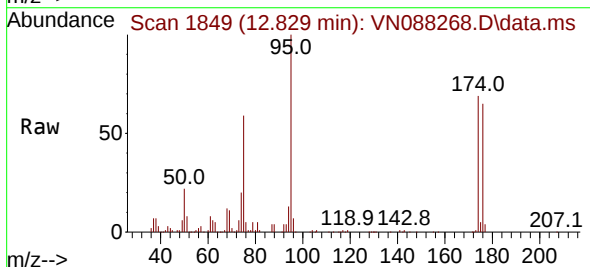
Manual Integrations
APPROVED

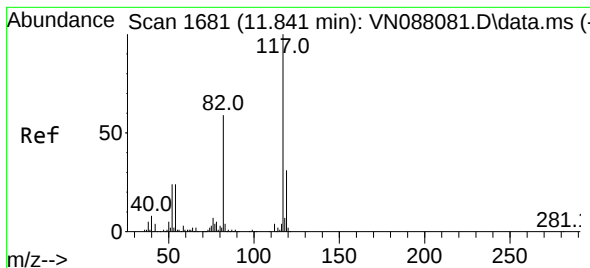
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#62
4-Bromofluorobenzene
Concen: 46.809 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

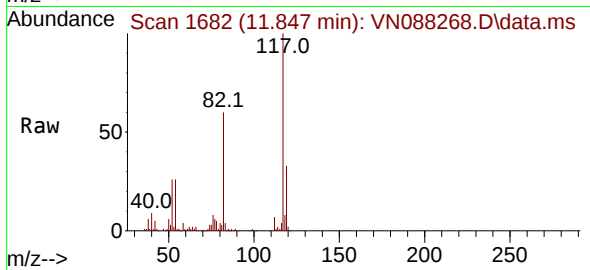
Tgt Ion: 95 Resp: 202102
Ion Ratio Lower Upper
95 100
174 68.2 0.0 138.4
176 66.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

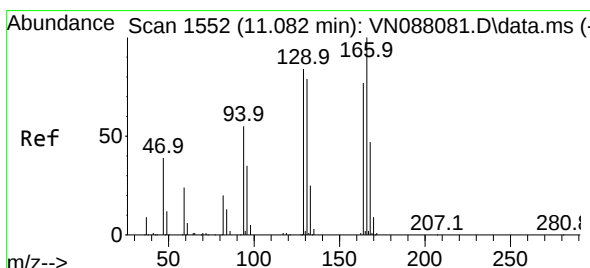
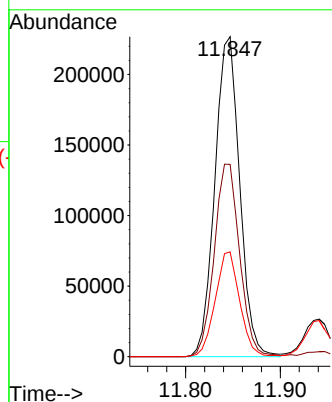
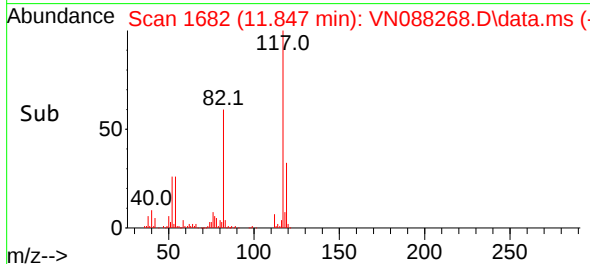
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion:117 Resp: 41434
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 32.8 24.3 36.5

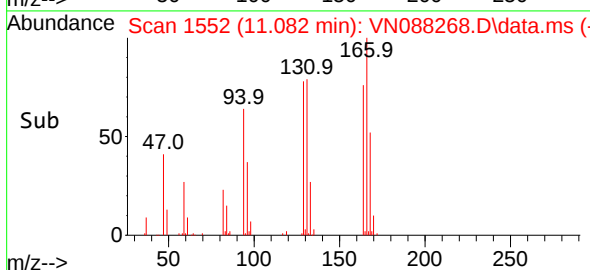
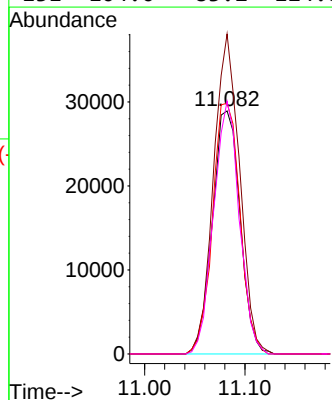
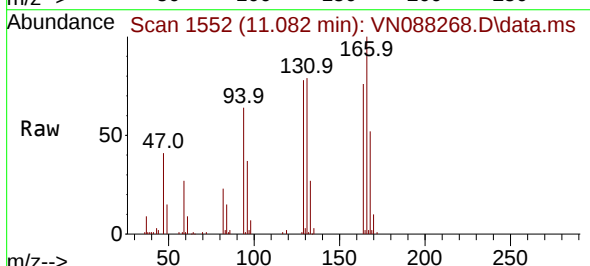
Manual Integrations
APPROVED

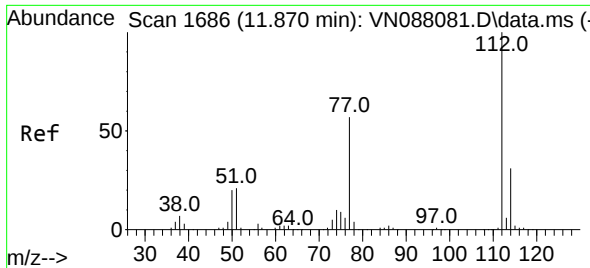
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#64
Tetrachloroethene
Concen: 20.302 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Tgt Ion:164 Resp: 55486
Ion Ratio Lower Upper
164 100
166 131.7 97.7 146.5
129 103.2 85.9 128.9
131 104.0 83.2 124.8





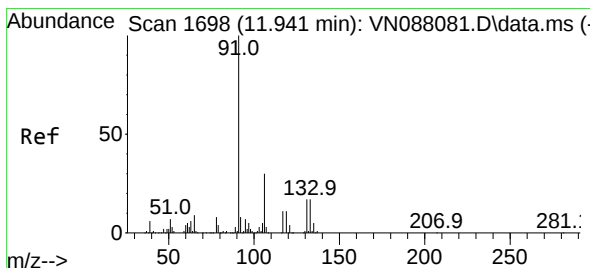
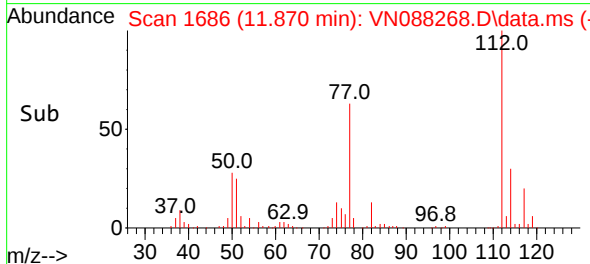
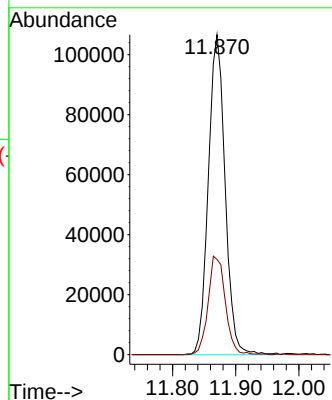
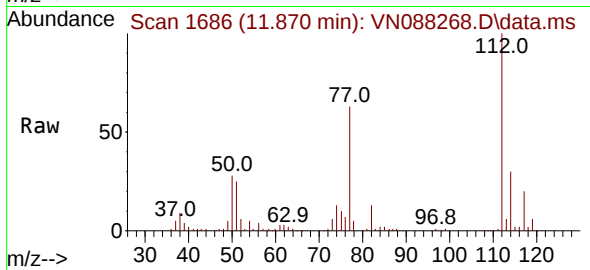
#65
Chlorobenzene
Concen: 20.902 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion:112 Resp: 196650
Ion Ratio Lower Upper
112 100
114 29.8 24.3 36.5

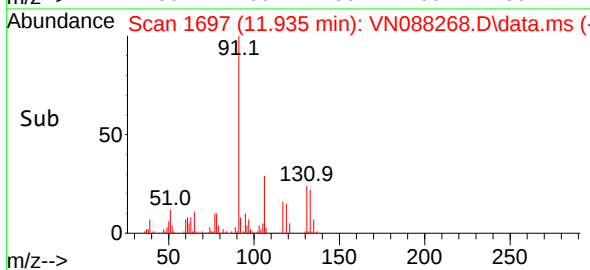
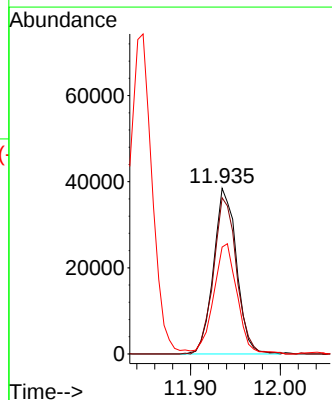
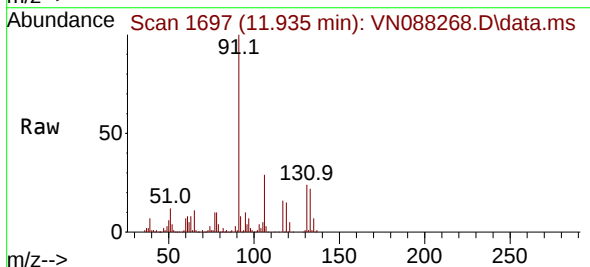
Manual Integrations
APPROVED

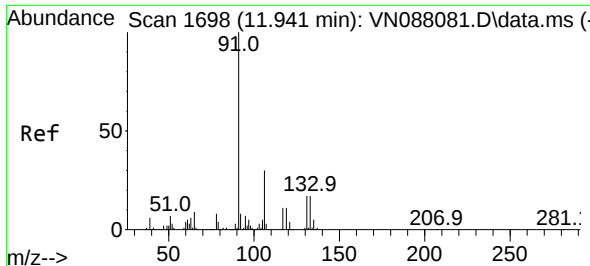
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 22.203 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

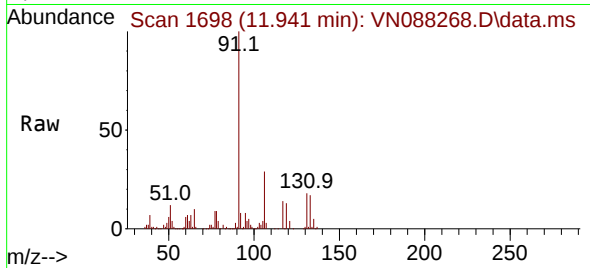
Tgt Ion:131 Resp: 68439
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 68.2 32.6 97.7





#67
Ethyl Benzene
Concen: 20.449 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

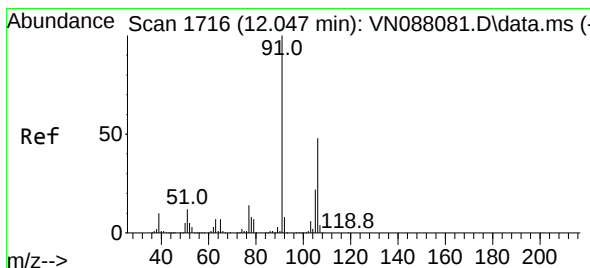
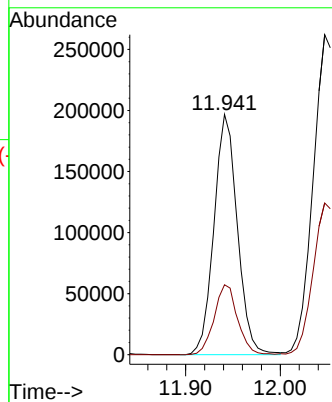
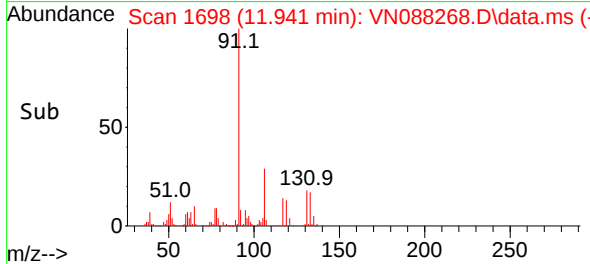
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



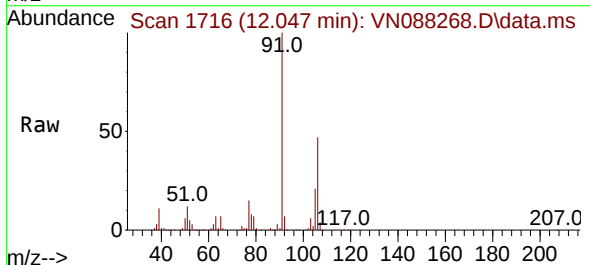
Tgt Ion: 91 Resp: 33770
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1

Manual Integrations
APPROVED

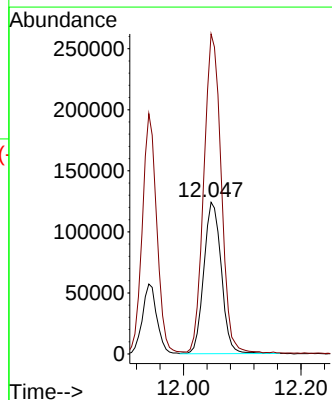
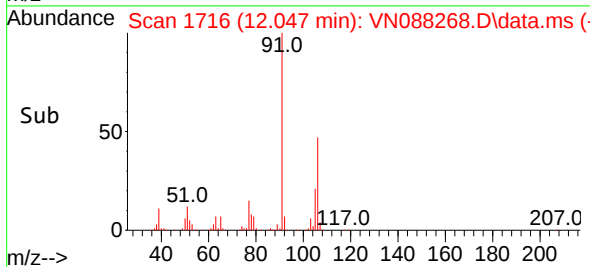
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

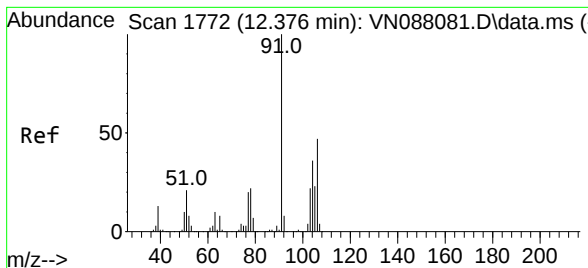


#68
m/p-Xylenes
Concen: 41.269 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



Tgt Ion:106 Resp: 255361
Ion Ratio Lower Upper
106 100
91 209.0 169.3 253.9





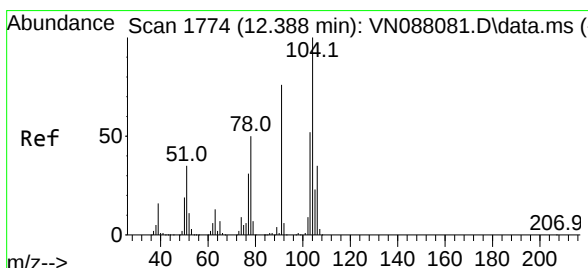
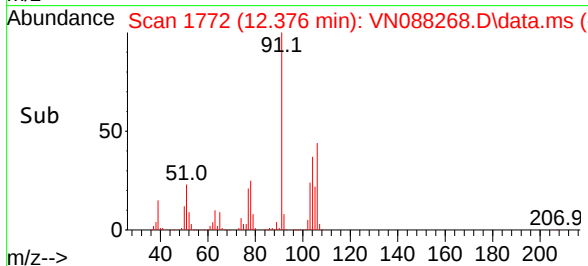
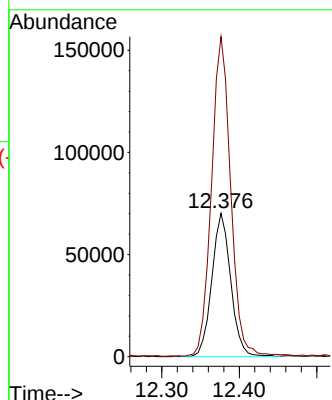
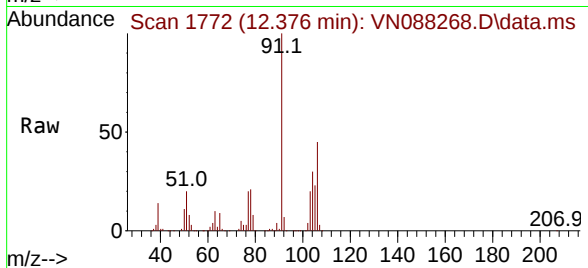
#69
o-Xylene
Concen: 20.303 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion:106 Resp: 119095
Ion Ratio Lower Upper
106 100
91 226.2 111.4 334.2

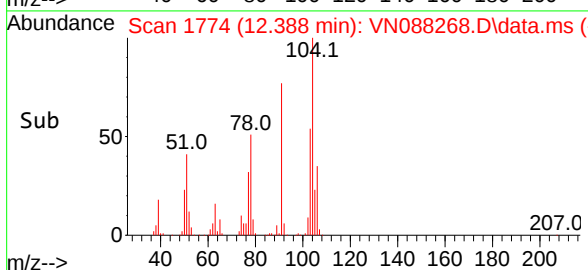
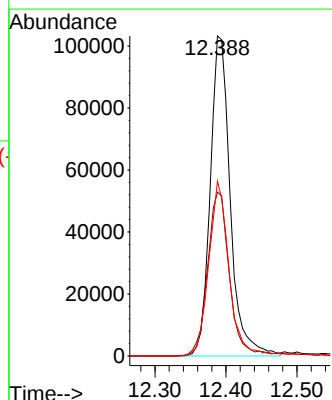
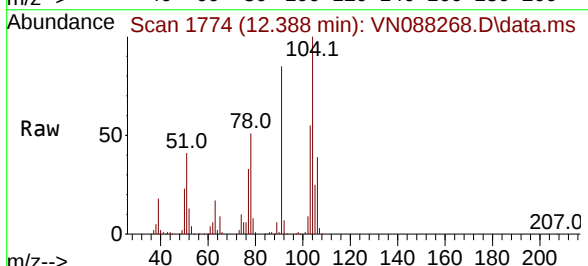
Manual Integrations
APPROVED

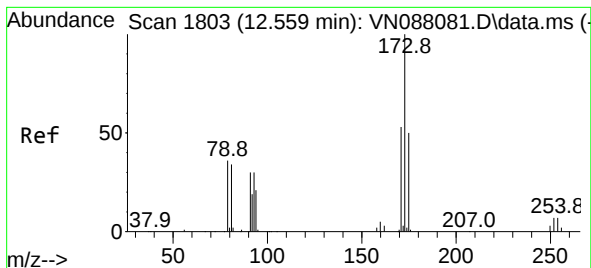
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#70
Styrene
Concen: 21.121 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Tgt Ion:104 Resp: 202025
Ion Ratio Lower Upper
104 100
78 56.1 42.2 63.2
103 54.9 43.4 65.2





#71

Bromoform

Concen: 21.299 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

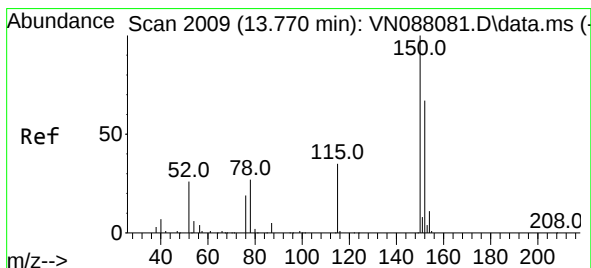
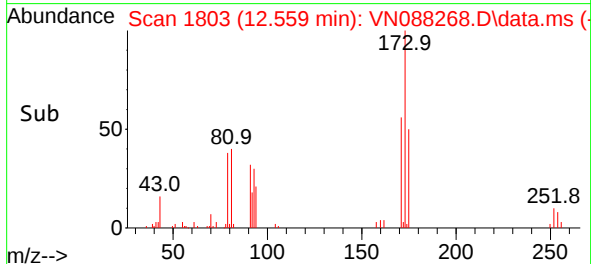
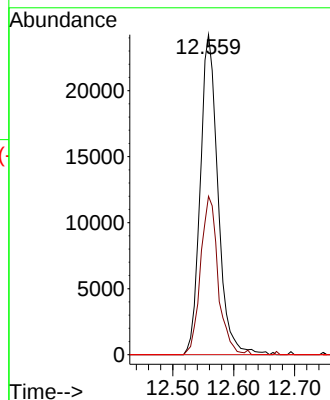
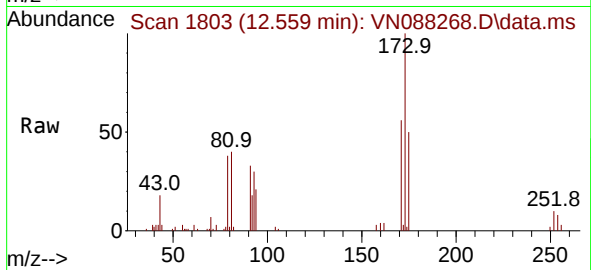
Tgt Ion:173 Resp: 48994
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.9 74.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

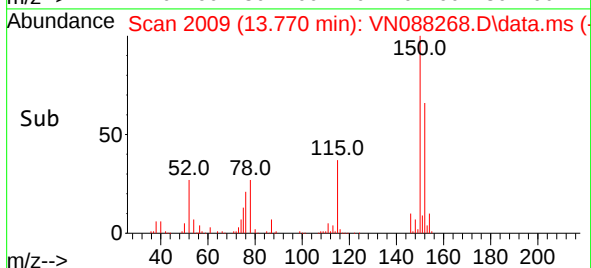
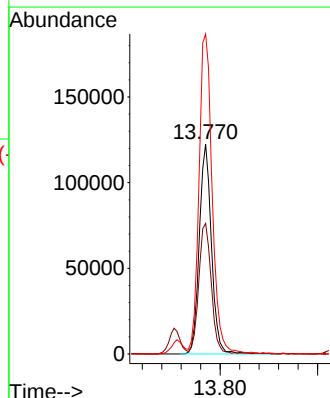
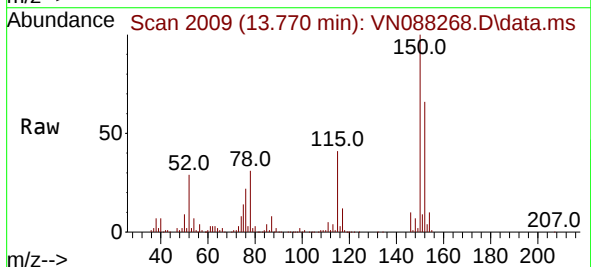
RT: 13.770 min Scan# 2009

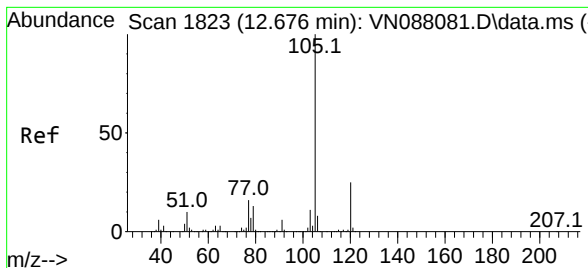
Delta R.T. 0.006 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

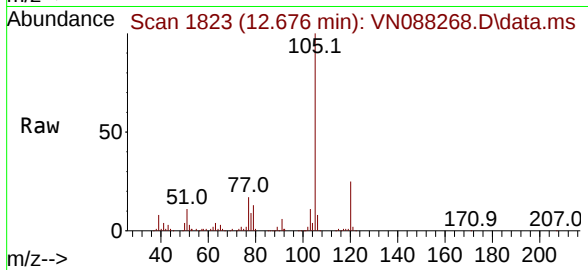
Tgt Ion:152 Resp: 213572
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.3 96.8
 150 164.0 0.0 351.0





#73
Isopropylbenzene
Concen: 19.295 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

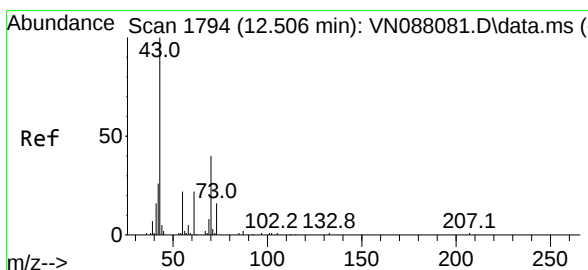
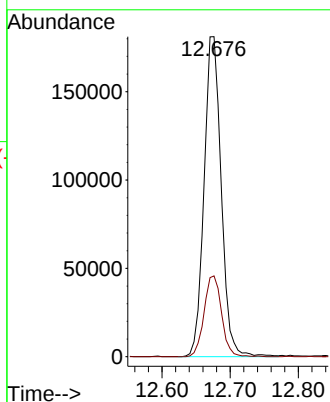
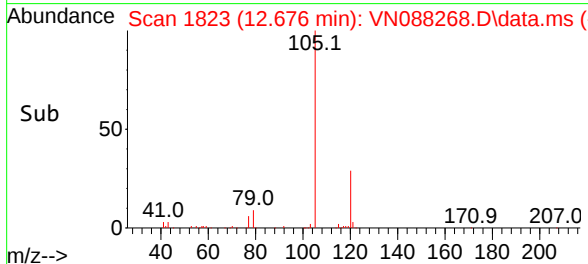
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion:105 Resp: 31783
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3

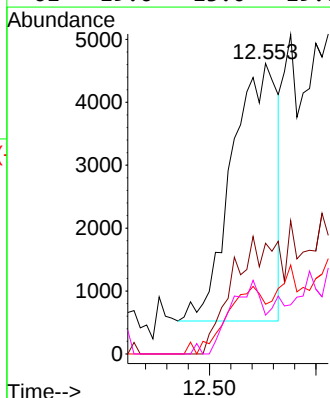
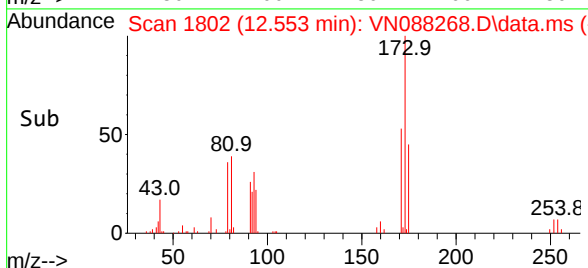
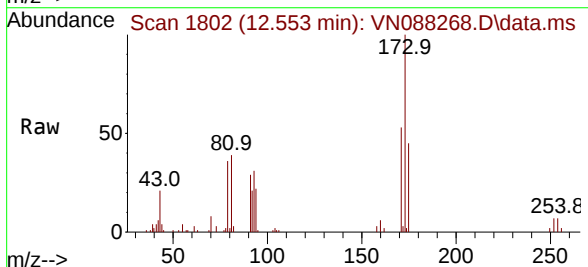
Manual Integrations
APPROVED

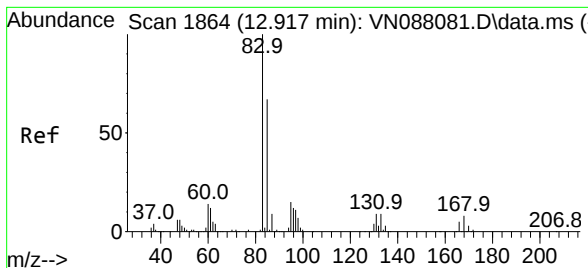
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#74
N-ethyl acetate
Concen: 2.592 ug/l
RT: 12.553 min Scan# 1802
Delta R.T. 0.053 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

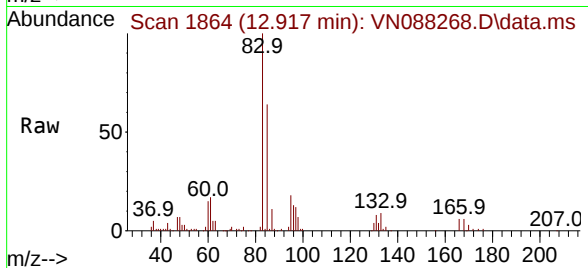
Tgt Ion: 43 Resp: 12122
Ion Ratio Lower Upper
43 100
70 28.6 27.6 41.4
55 21.9 13.0 19.6#
61 19.6 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.480 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

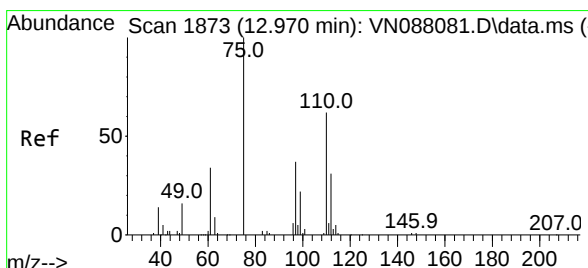
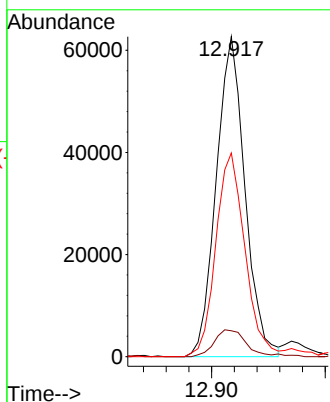
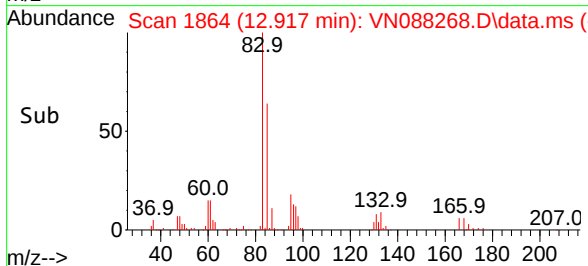
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



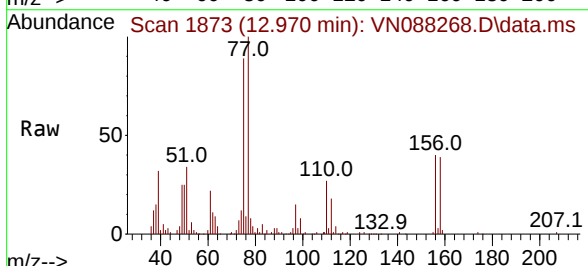
Tgt Ion: 83 Resp: 110159
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.2 32.1 96.3

Manual Integrations
APPROVED

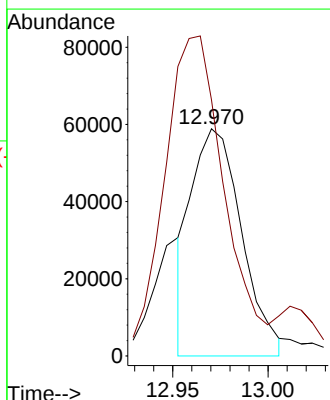
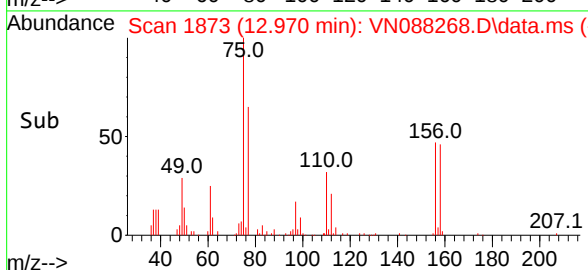
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

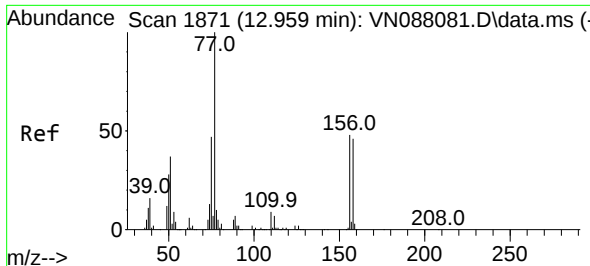


#76
1,2,3-Trichloropropane
Concen: 22.104 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



Tgt Ion: 75 Resp: 107931
Ion Ratio Lower Upper
75 100
77 168.5 89.1 267.4





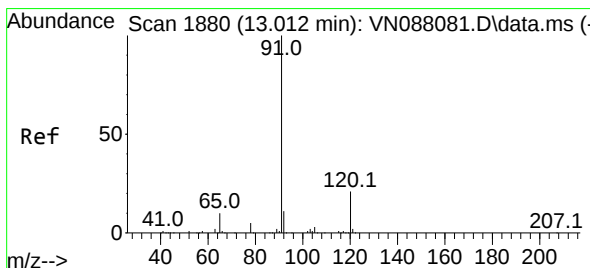
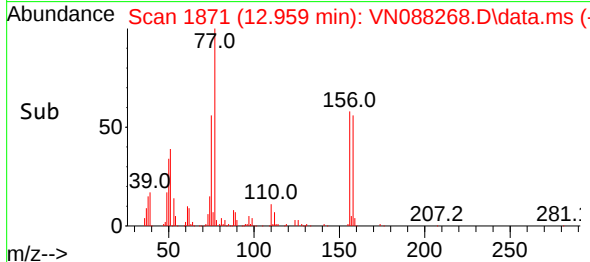
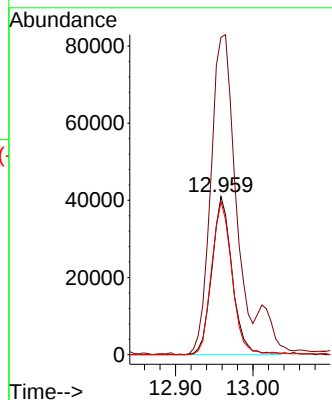
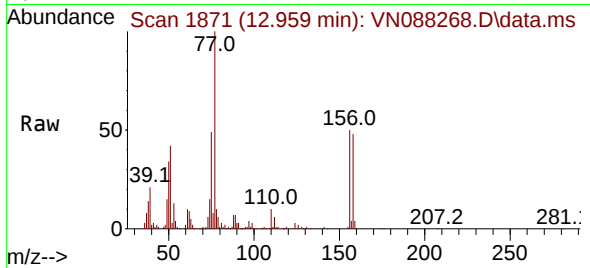
#77
Bromobenzene
Concen: 20.963 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion:156 Resp: 7446
Ion Ratio Lower Upper
156 100
77 244.2 119.3 358.0
158 96.5 48.2 144.6

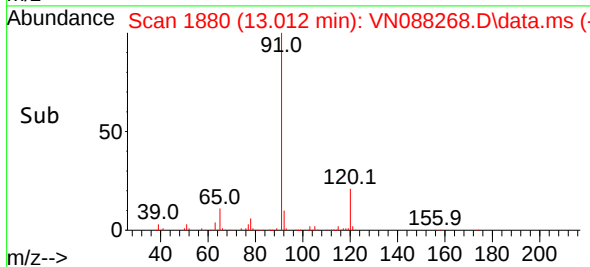
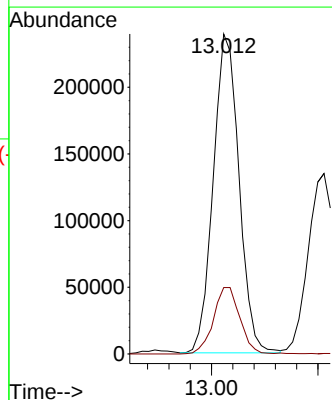
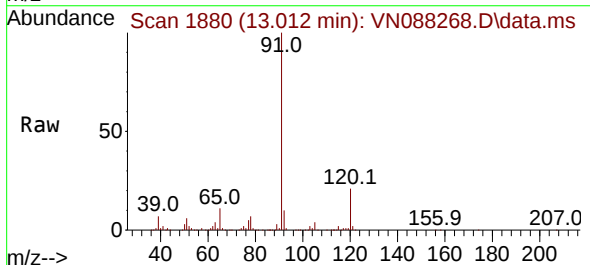
Manual Integrations
APPROVED

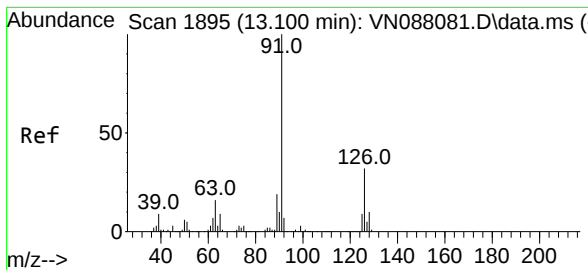
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#78
n-propylbenzene
Concen: 19.939 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.001 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

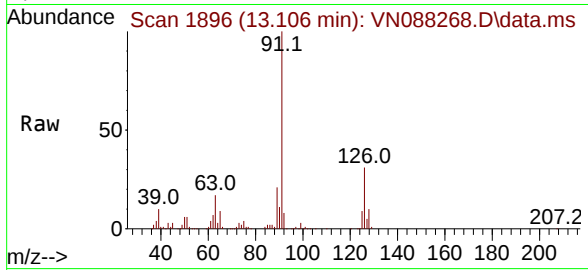
Tgt Ion: 91 Resp: 400804
Ion Ratio Lower Upper
91 100
120 21.3 10.7 32.1





#79
2-Chlorotoluene
Concen: 20.917 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

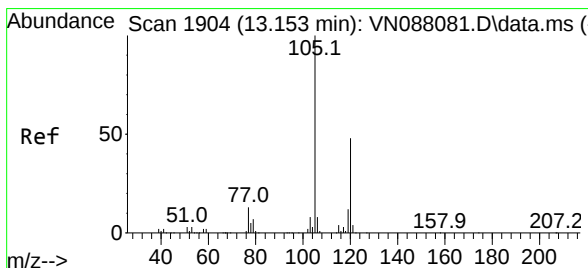
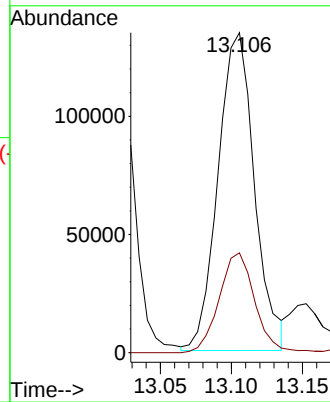
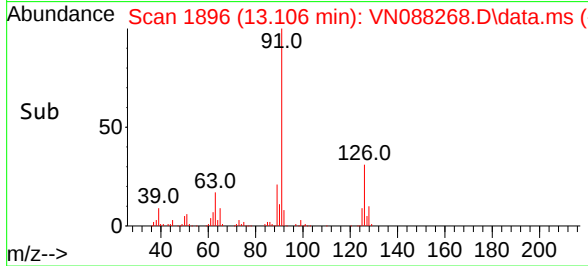
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



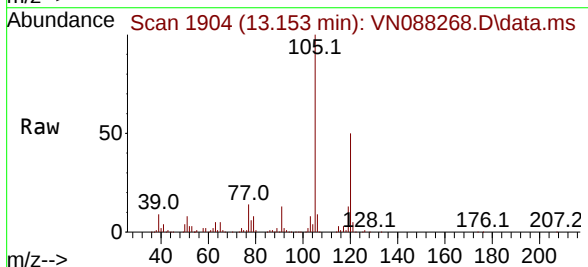
Tgt Ion: 91 Resp: 23979
Ion Ratio Lower Upper
91 100
126 30.9 16.1 48.3

Manual Integrations
APPROVED

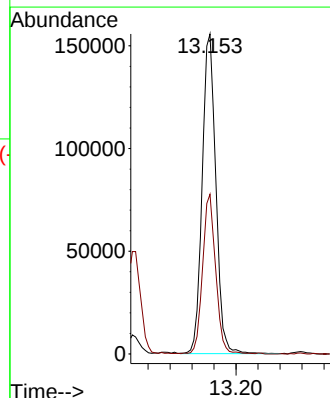
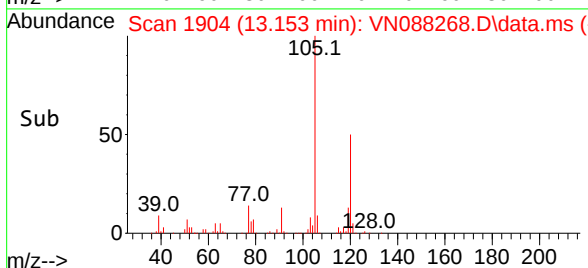
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

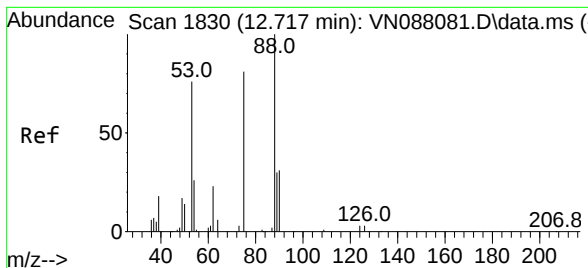


#80
1,3,5-Trimethylbenzene
Concen: 19.582 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



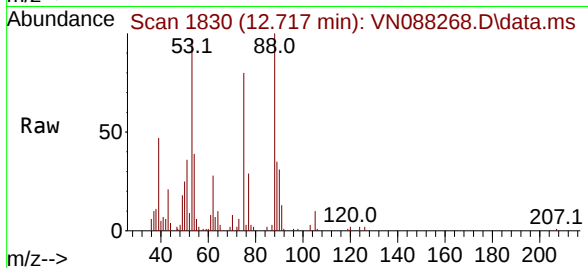
Tgt Ion:105 Resp: 267894
Ion Ratio Lower Upper
105 100
120 47.7 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.797 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

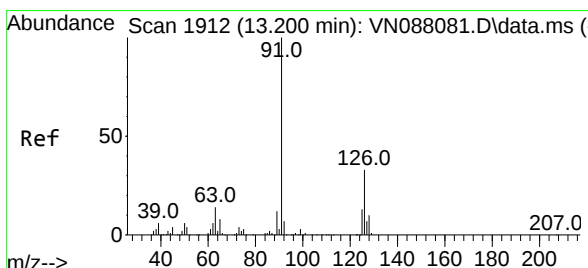
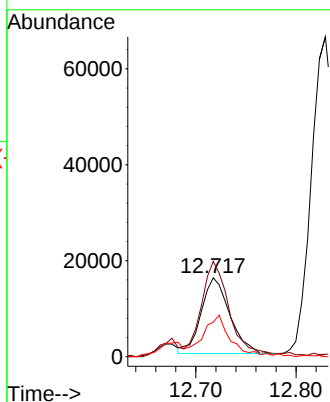
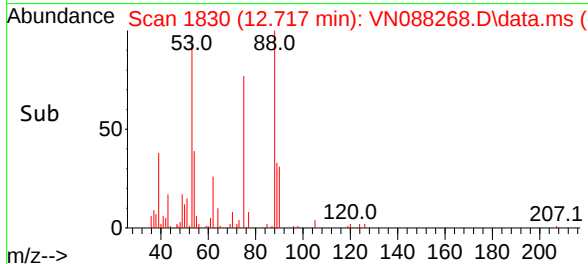
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion: 75 Resp: 3115
Ion Ratio Lower Upper
75 100
53 117.2 101.8 152.6
89 53.9 35.6 53.4

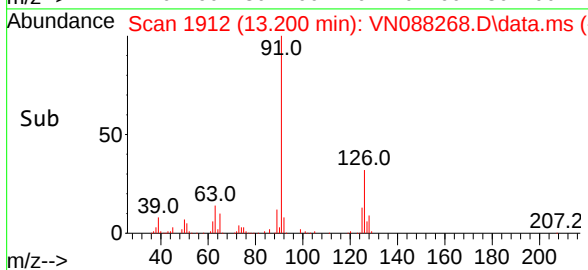
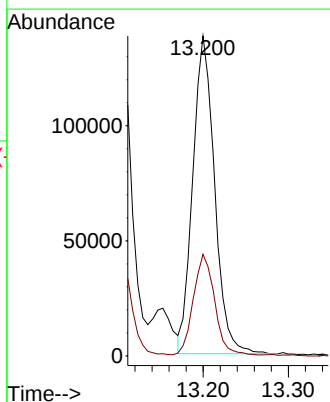
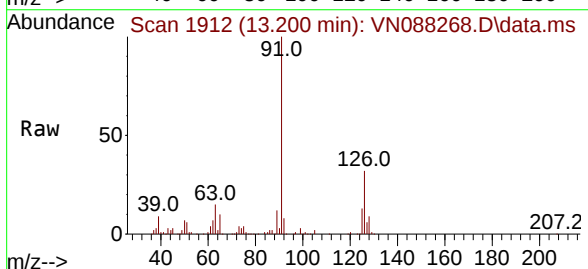
Manual Integrations
APPROVED

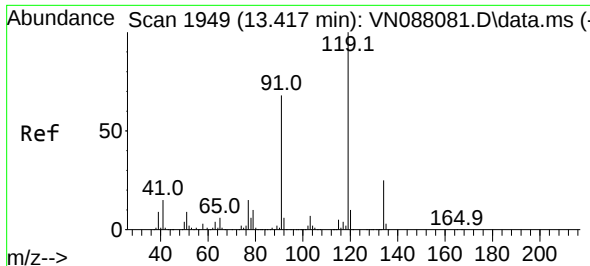
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#82
4-Chlorotoluene
Concen: 19.771 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

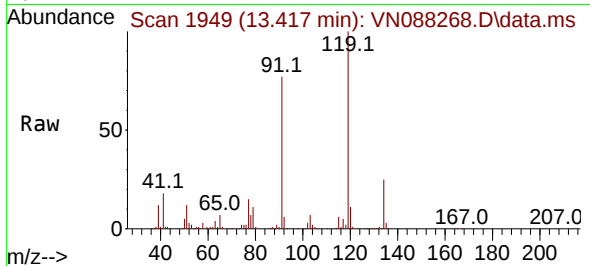
Tgt Ion: 91 Resp: 245209
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.8





#83
tert-Butylbenzene
Concen: 18.563 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

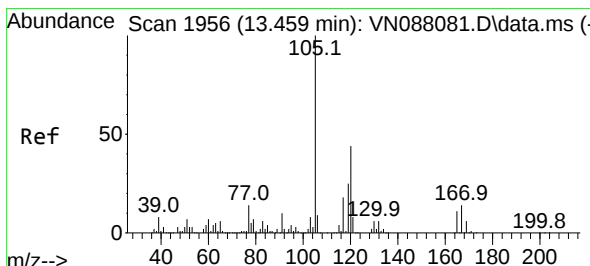
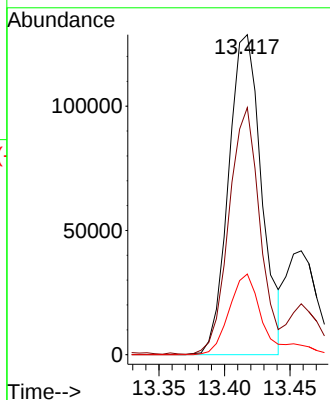
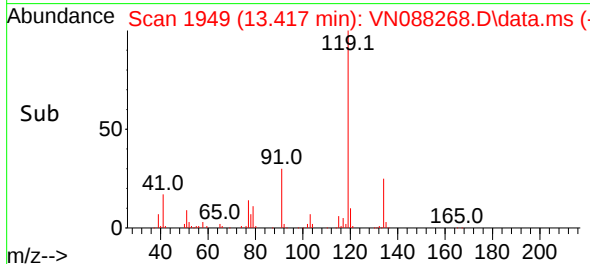
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



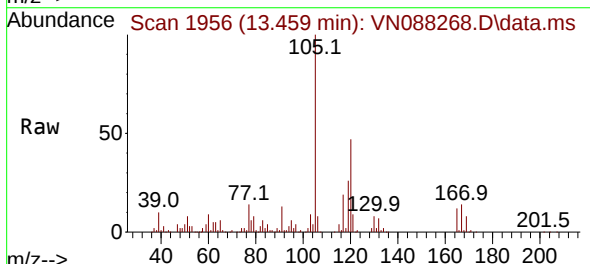
Tgt Ion:119 Resp: 226852
Ion Ratio Lower Upper
119 100
91 71.8 35.0 105.0
134 26.2 12.6 37.8

Manual Integrations
APPROVED

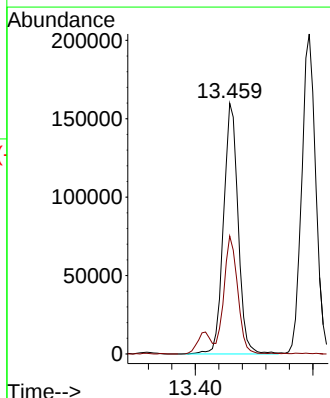
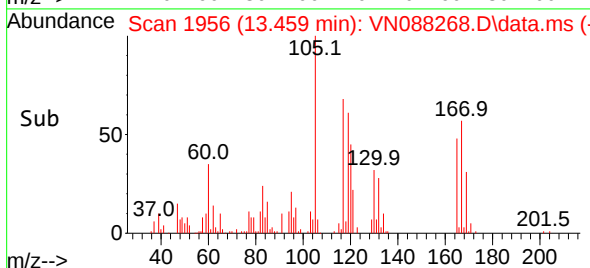
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

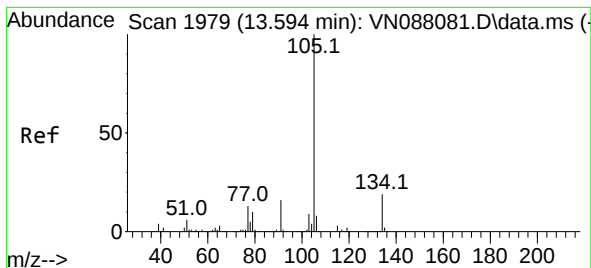


#84
1,2,4-Trimethylbenzene
Concen: 20.124 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



Tgt Ion:105 Resp: 275446
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.779 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

Tgt Ion:105 Resp: 33717

Ion Ratio Lower Upper

105 100

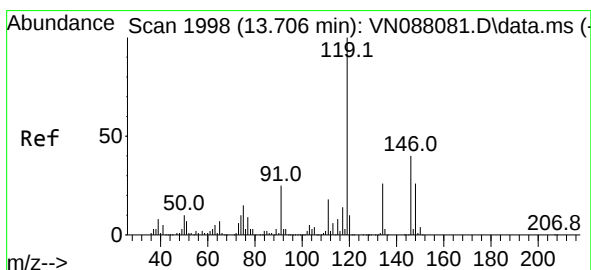
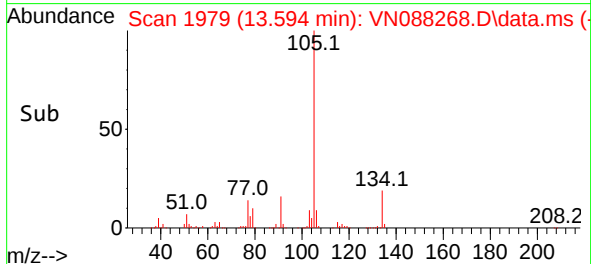
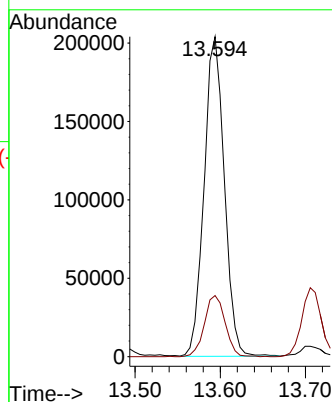
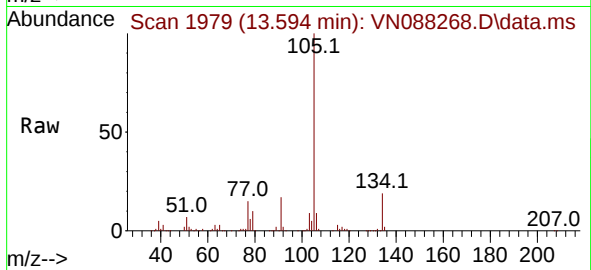
134 19.6 9.6 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#86

p-Isopropyltoluene

Concen: 19.429 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

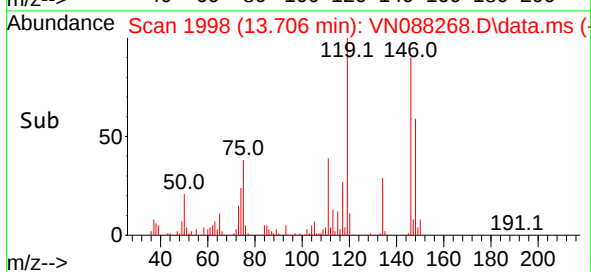
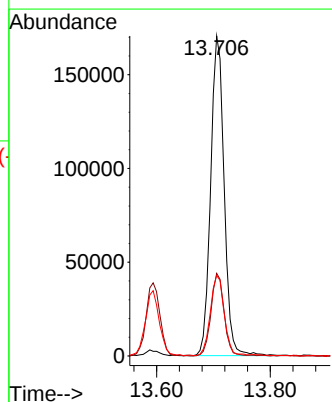
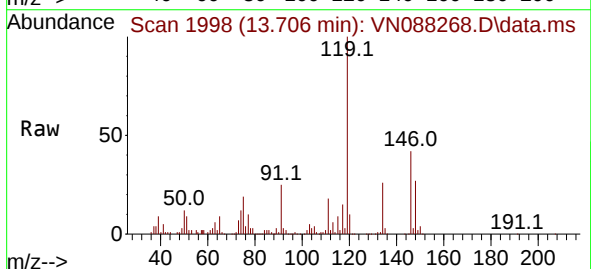
Tgt Ion:119 Resp: 279836

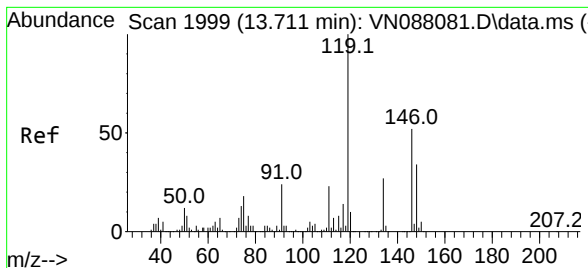
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 25.6 12.5 37.5





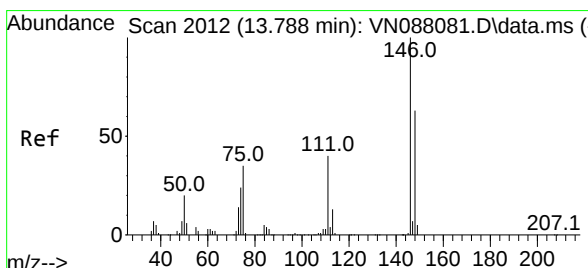
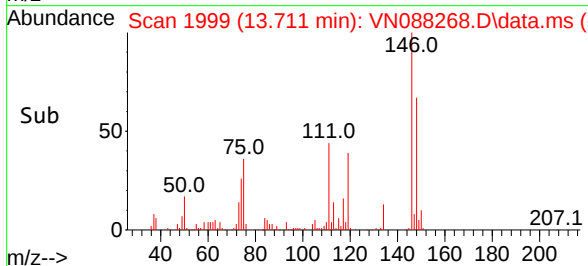
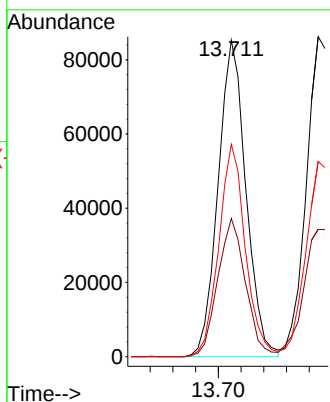
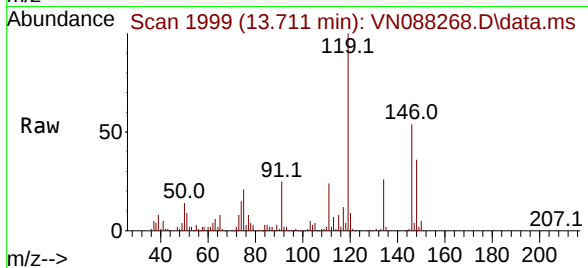
#87
1,3-Dichlorobenzene
Concen: 20.469 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01

Tgt Ion:146 Resp: 14514
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.5
148 64.3 32.0 96.2

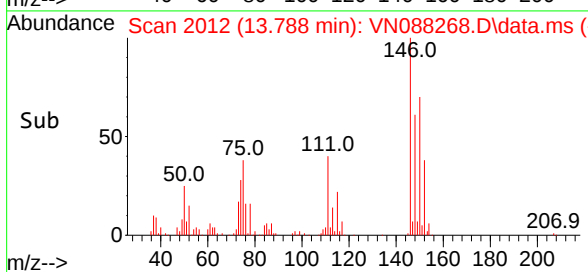
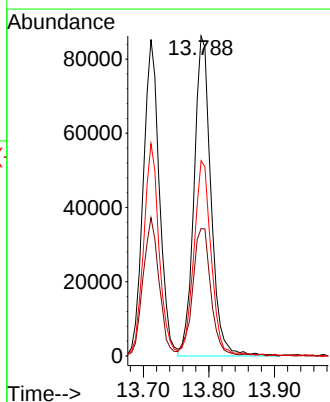
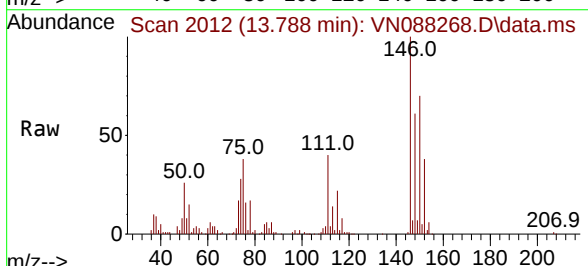
Manual Integrations
APPROVED

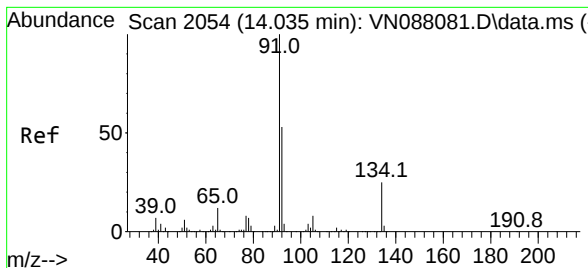
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#88
1,4-Dichlorobenzene
Concen: 20.359 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Tgt Ion:146 Resp: 155054
Ion Ratio Lower Upper
146 100
111 42.1 21.0 63.0
148 61.5 32.0 96.0





#89

n-Butylbenzene

Concen: 19.053 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

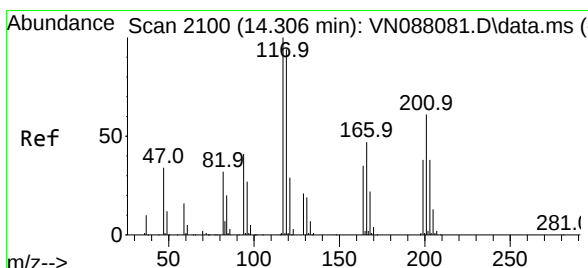
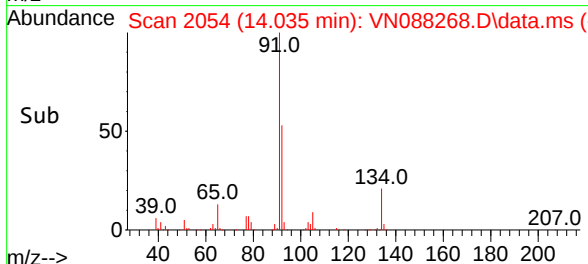
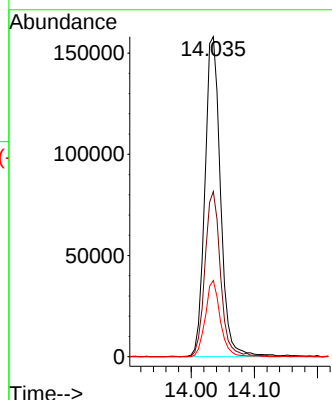
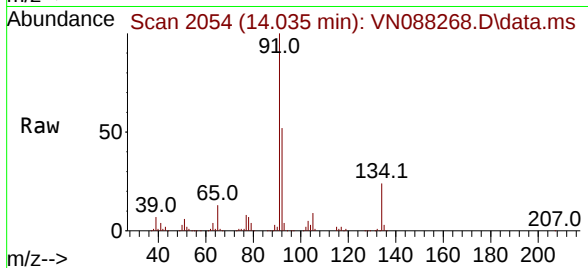
VN1112MBS01

Tgt Ion: 91 Resp: 271838
 Ion Ratio Lower Upper
 91 100
 92 51.6 25.9 77.8
 134 22.8 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#90

Hexachloroethane

Concen: 19.468 ug/l

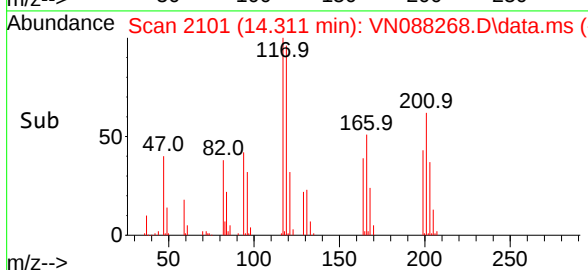
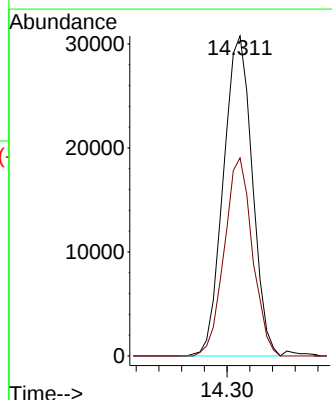
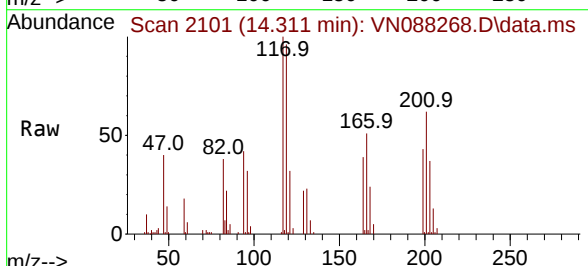
RT: 14.311 min Scan# 2101

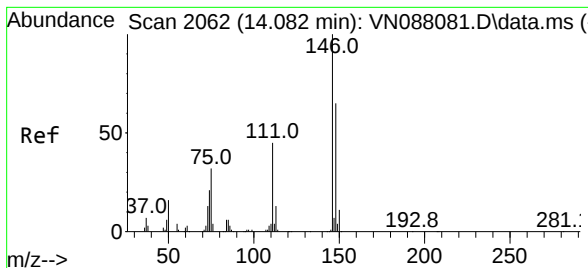
Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

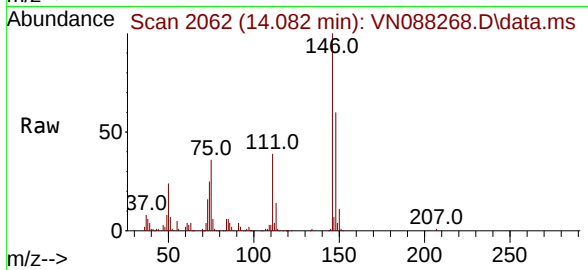
Tgt Ion:117 Resp: 54301
 Ion Ratio Lower Upper
 117 100
 201 60.2 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 20.683 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

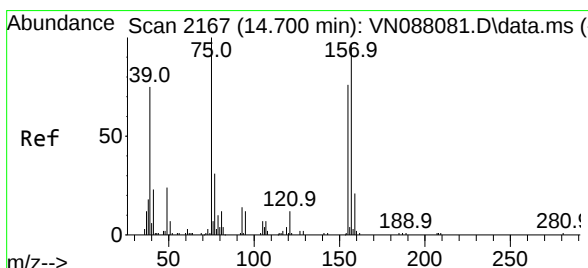
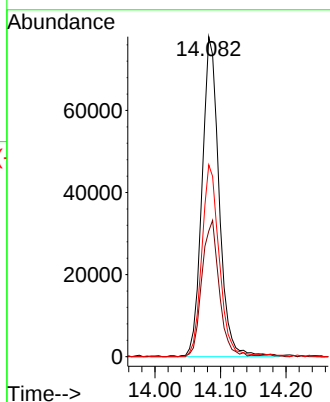
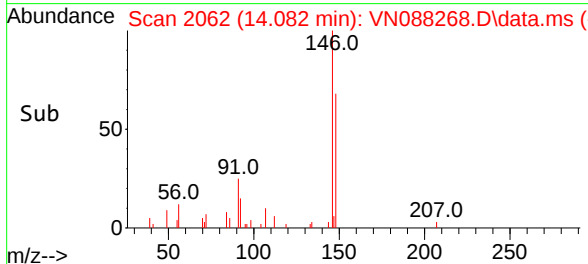
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



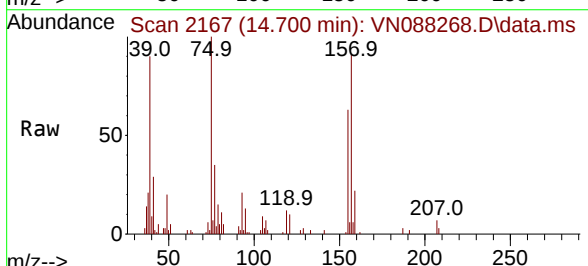
Tgt Ion:146 Resp: 141372
Ion Ratio Lower Upper
146 100
111 43.2 22.6 67.8
148 60.9 31.9 95.9

Manual Integrations
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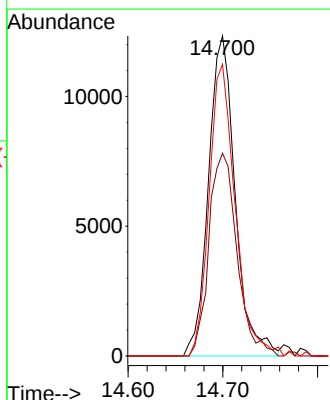
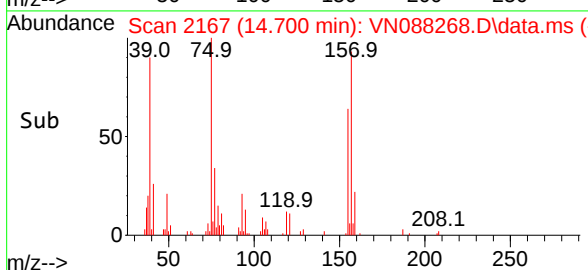
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

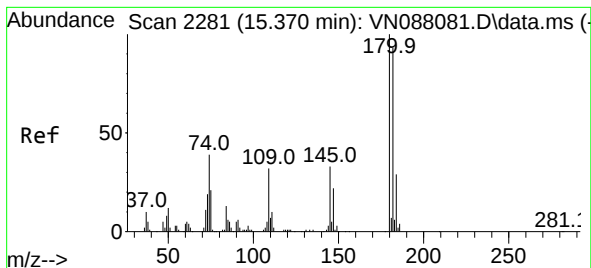


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.232 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59



Tgt Ion: 75 Resp: 24150
Ion Ratio Lower Upper
75 100
155 66.6 36.6 109.9
157 89.0 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 19.015 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

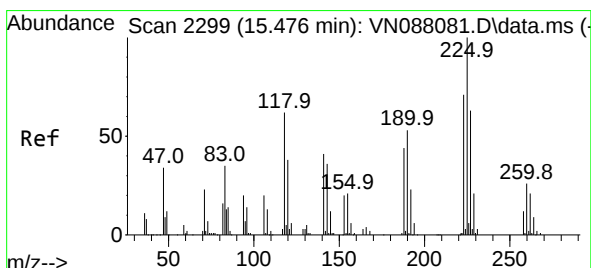
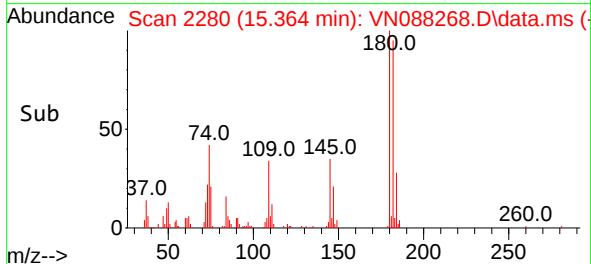
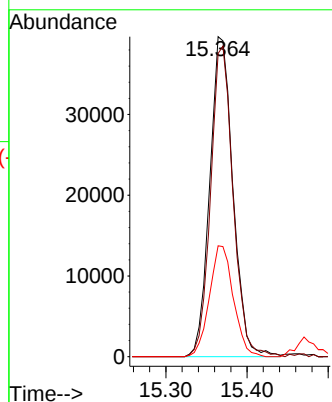
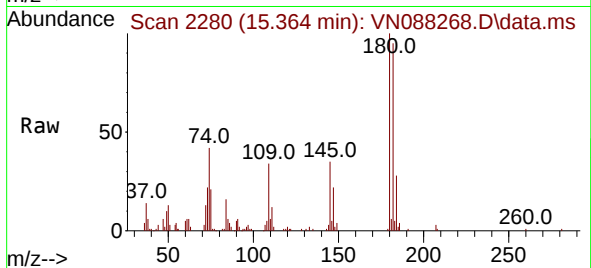
Tgt Ion:	180	Resp:	78714
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.6	142.9
145	35.8	16.5	49.5

Manual Integrations

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Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#94

Hexachlorobutadiene

Concen: 18.776 ug/l

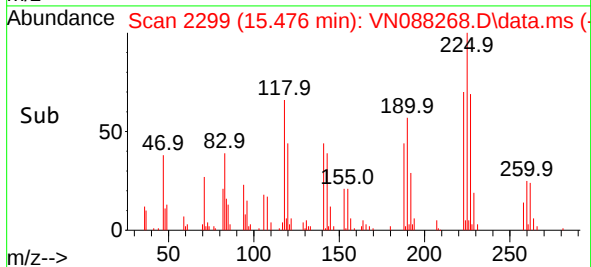
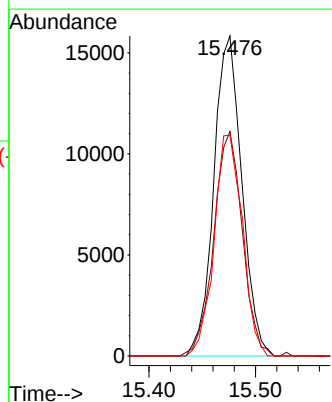
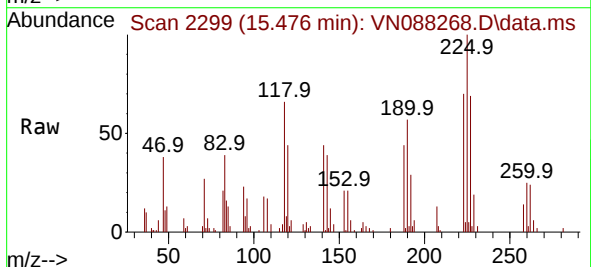
RT: 15.476 min Scan# 2299

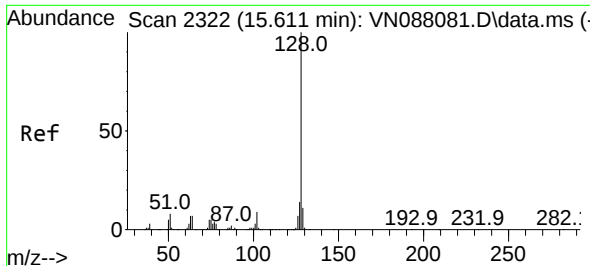
Delta R.T. -0.000 min

Lab File: VN088268.D

Acq: 12 Nov 2025 11:59

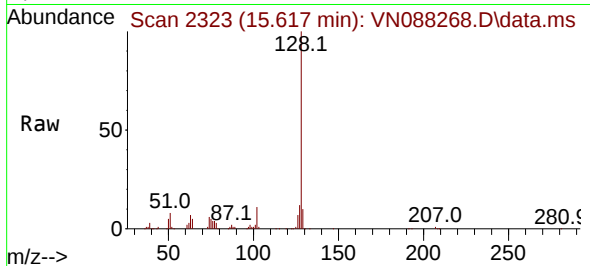
Tgt Ion:	225	Resp:	28944
Ion Ratio	Lower	Upper	
225	100		
223	71.4	32.0	96.2
227	69.6	32.1	96.5





#95
Naphthalene
Concen: 18.224 ug/l
RT: 15.617 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

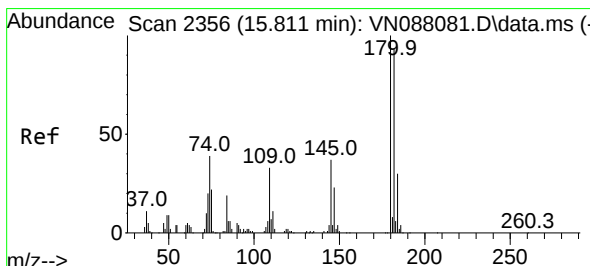
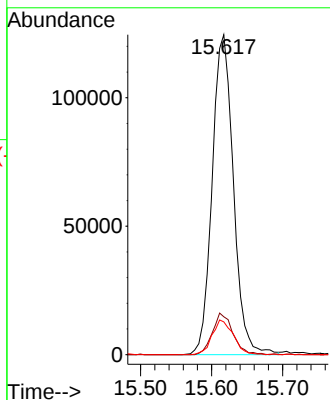
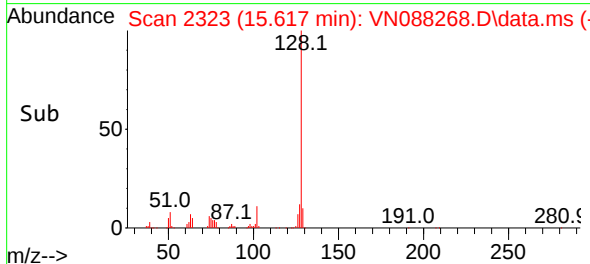
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBS01



Tgt Ion:128 Resp: 258434
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.218 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088268.D
Acq: 12 Nov 2025 11:59

Tgt Ion:180 Resp: 76281
Ion Ratio Lower Upper
180 100
182 93.3 46.8 140.3
145 35.9 17.3 52.0

