

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087679.D
 Acq On : 28 Aug 2025 12:50
 Operator : JC\MD
 Sample : VN0828WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2025
 Supervised By : Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 03:16:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	201986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	408675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	385379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	202847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	221081	53.421	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.840%			
35) Dibromofluoromethane	8.147	113	150672	51.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.120%			
50) Toluene-d8	10.547	98	534236	48.375	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.740%			
62) 4-Bromofluorobenzene	12.829	95	196094	49.929	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	55920	19.493	ug/l	99
3) Chloromethane	2.383	50	56702	19.233	ug/l	96
4) Vinyl Chloride	2.536	62	63973	18.715	ug/l	99
5) Bromomethane	2.977	94	34507	19.564	ug/l	99
6) Chloroethane	3.142	64	45414	18.903	ug/l	96
7) Trichlorofluoromethane	3.512	101	95301	19.029	ug/l	92
8) Diethyl Ether	3.959	74	37824	17.342	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	55794	19.689	ug/l	95
10) Methyl Iodide	4.571	142	27536	18.042	ug/l #	92
11) Tert butyl alcohol	5.518	59	66113	92.021	ug/l	98
12) 1,1-Dichloroethene	4.330	96	53102	18.235	ug/l	90
13) Acrolein	4.177	56	71906	81.411	ug/l	99
14) Allyl chloride	5.018	41	87055	16.496	ug/l	99
15) Acrylonitrile	5.712	53	180843	89.252	ug/l	99
16) Acetone	4.424	43	193722	85.990	ug/l	99
17) Carbon Disulfide	4.706	76	134814	16.816	ug/l	96
18) Methyl Acetate	5.024	43	93132	19.744	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	190584	17.445	ug/l	97
20) Methylene Chloride	5.265	84	59304	17.390	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	52855	16.747	ug/l	86
22) Diisopropyl ether	6.653	45	202577	17.788	ug/l	94
23) Vinyl Acetate	6.589	43	919507	88.748	ug/l	97
24) 1,1-Dichloroethane	6.559	63	110462	17.691	ug/l	99
25) 2-Butanone	7.471	43	262362	88.519	ug/l	97
26) 2,2-Dichloropropane	7.477	77	97212	18.140	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	67429	17.871	ug/l	97
28) Bromochloromethane	7.794	49	57737	19.127	ug/l	96
29) Tetrahydrofuran	7.830	42	171509	89.916	ug/l	96
30) Chloroform	7.953	83	115503	18.123	ug/l	90
31) Cyclohexane	8.236	56	94955	18.242	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	95419	17.666	ug/l	97
36) 1,1-Dichloropropene	8.353	75	74271	16.408	ug/l	99
37) Ethyl Acetate	7.547	43	100483	16.245	ug/l	100
38) Carbon Tetrachloride	8.341	117	81078	18.141	ug/l	89
39) Methylcyclohexane	9.583	83	80495	16.152	ug/l	91
40) Benzene	8.583	78	240604	17.330	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	54106	16.886	ug/l	97
42) 1,2-Dichloroethane	8.653	62	91740	17.195	ug/l	98
43) Isopropyl Acetate	8.677	43	168013	17.398	ug/l	98
44) Trichloroethene	9.336	130	55385	17.473	ug/l	94
45) 1,2-Dichloropropane	9.600	63	63839	17.444	ug/l	90
46) Dibromomethane	9.683	93	46241	17.756	ug/l	97
47) Bromodichloromethane	9.865	83	95359	17.866	ug/l #	91
48) Methyl methacrylate	9.659	41	75364	16.498	ug/l	98
49) 1,4-Dioxane	9.677	88	23294	393.435	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	526009	90.277	ug/l	99
52) Toluene	10.612	92	148967	17.307	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	98864	17.895	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	101355	17.669	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	59745	17.943	ug/l	93
56) Ethyl methacrylate	10.853	69	88739	16.677	ug/l	96
57) 1,3-Dichloropropane	11.141	76	106853	18.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	262365	91.096	ug/l	99
59) 2-Hexanone	11.177	43	339943	92.315	ug/l	99
60) Dibromochloromethane	11.335	129	65239	16.910	ug/l	100
61) 1,2-Dibromoethane	11.453	107	62803	17.888	ug/l	98
64) Tetrachloroethene	11.082	164	42046	15.726	ug/l	88
65) Chlorobenzene	11.871	112	164859	17.195	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	56478	17.744	ug/l	99
67) Ethyl Benzene	11.941	91	277890	16.740	ug/l	99
68) m/p-Xylenes	12.047	106	209265	34.373	ug/l	99
69) o-Xylene	12.377	106	99262	16.637	ug/l	98
70) Styrene	12.388	104	170843	17.092	ug/l	99
71) Bromoform	12.553	173	41150	16.857	ug/l #	100
73) Isopropylbenzene	12.671	105	255576	15.592	ug/l	99
74) N-amyl acetate	12.559	43	104465m	16.817	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	95378	16.901	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	88902m	18.689	ug/l	
77) Bromobenzene	12.959	156	60374	15.622	ug/l	94
78) n-propylbenzene	13.012	91	322643	15.980	ug/l	99
79) 2-Chlorotoluene	13.100	91	196248	16.152	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	221775	15.949	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.712	75	26648	14.831	ug/l	92
82) 4-Chlorotoluene	13.200	91	208693	16.337	ug/l	99
83) tert-Butylbenzene	13.418	119	189117	16.321	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	225943	16.232	ug/l	99
85) sec-Butylbenzene	13.594	105	275879	16.044	ug/l	100
86) p-Isopropyltoluene	13.706	119	232809	16.396	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	123239	16.192	ug/l	96
88) 1,4-Dichlorobenzene	13.788	146	123833	15.635	ug/l	98
89) n-Butylbenzene	14.035	91	226833	16.085	ug/l	99
90) Hexachloroethane	14.306	117	46197	17.077	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	117635	16.292	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	21386	15.953	ug/l	99
93) 1,2,4-Trichlorobenzene	15.365	180	68857	15.881	ug/l	99
94) Hexachlorobutadiene	15.470	225	25120	16.251	ug/l	98
95) Naphthalene	15.612	128	233614	15.212	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	66423	15.670	ug/l	100

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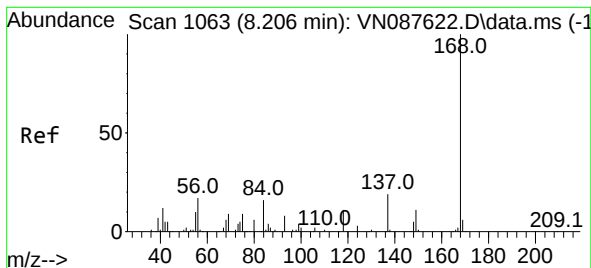
Manual Integrations
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Quant Time: Aug 29 03:16:04 2025
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

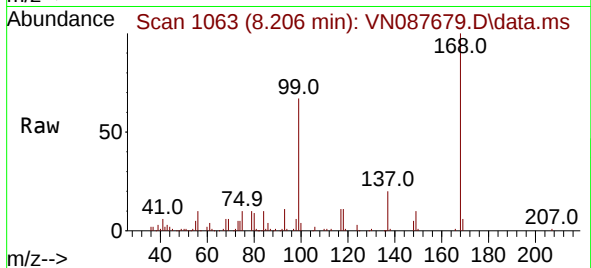
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087679.D
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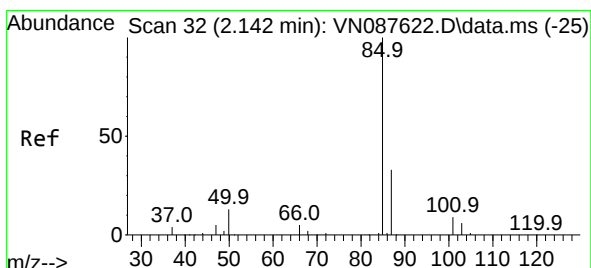
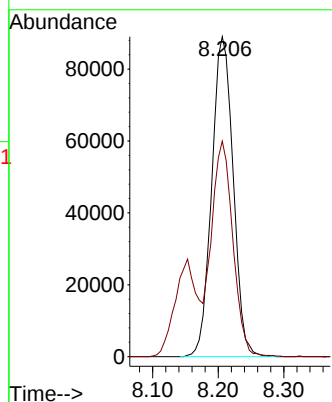
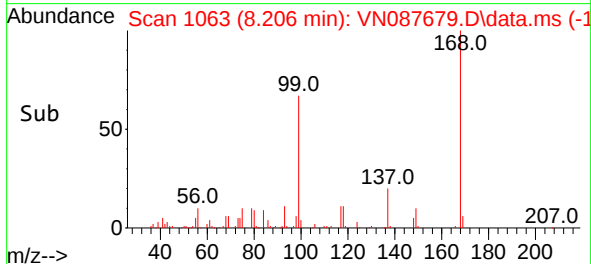
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion:168 Resp: 201980
Ion Ratio Lower Upper
168 100
99 67.2 57.2 85.8

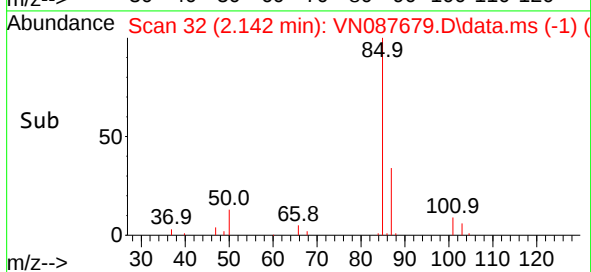
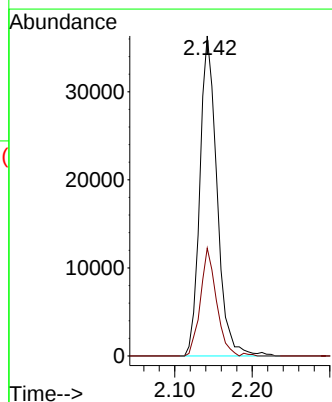
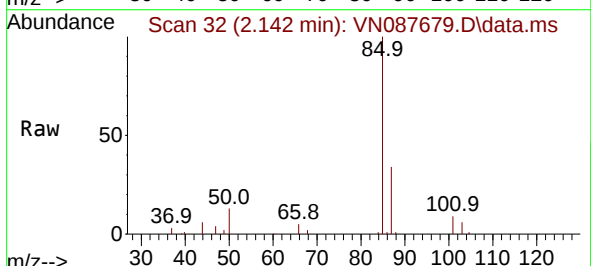
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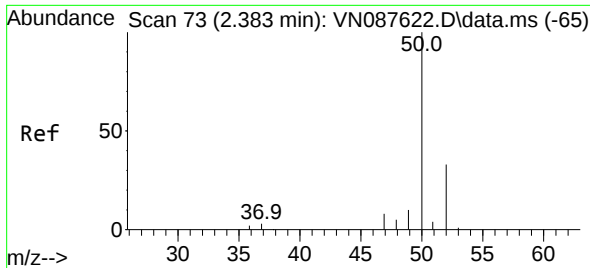
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#2
Dichlorodifluoromethane
Concen: 19.493 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

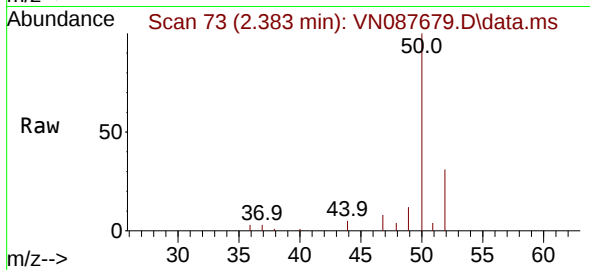
Tgt Ion: 85 Resp: 55920
Ion Ratio Lower Upper
85 100
87 33.7 16.6 49.8





#3
Chloromethane
Concen: 19.233 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

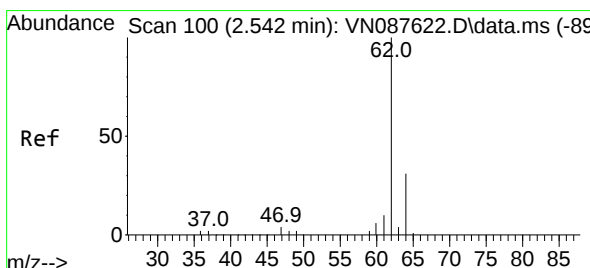
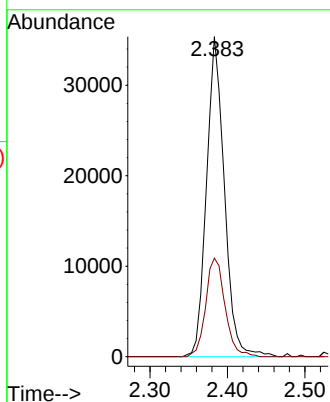
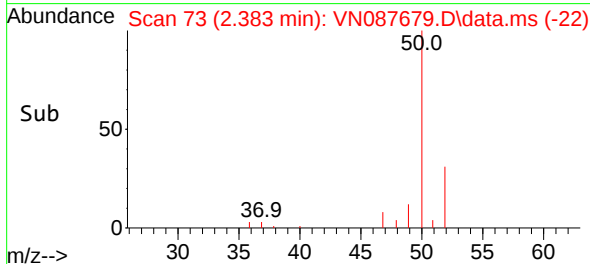
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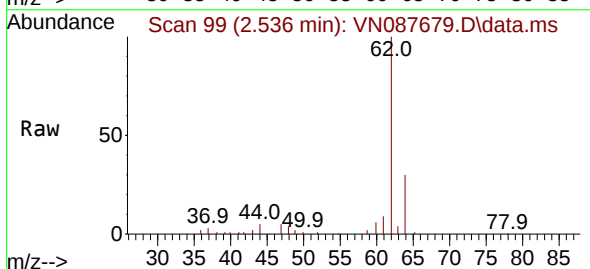
Tgt Ion: 50 Resp: 56702
Ion Ratio Lower Upper
50 100
52 30.8 26.2 39.4

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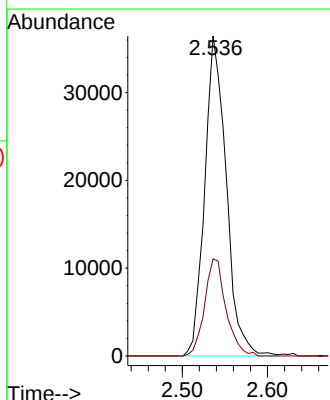
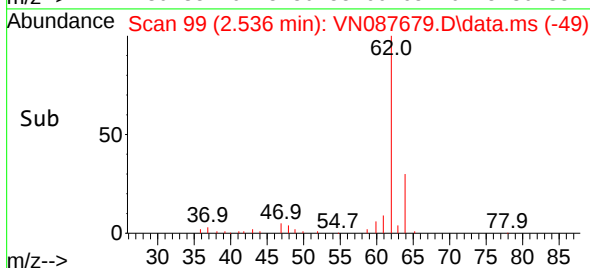
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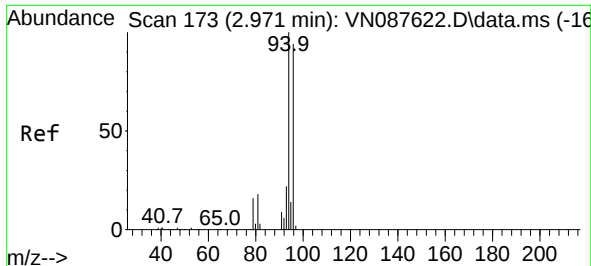


#4
Vinyl Chloride
Concen: 18.715 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



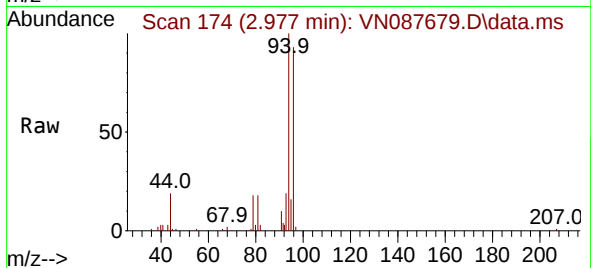
Tgt Ion: 62 Resp: 63973
Ion Ratio Lower Upper
62 100
64 30.4 24.6 37.0





#5
Bromomethane
Concen: 19.564 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

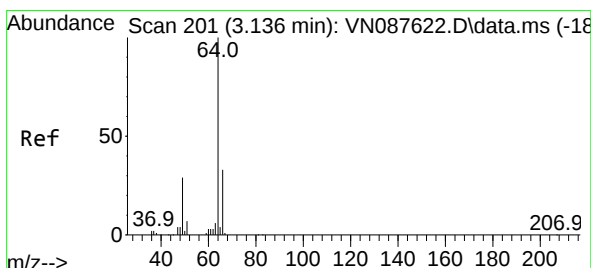
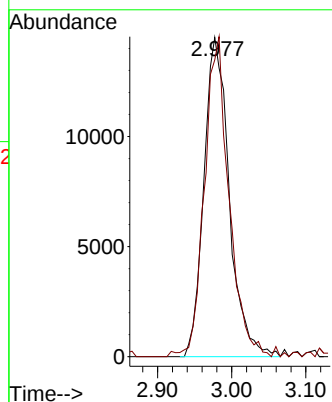
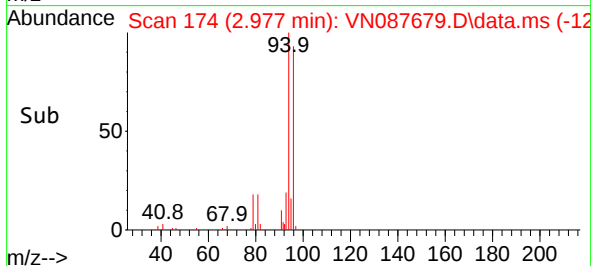
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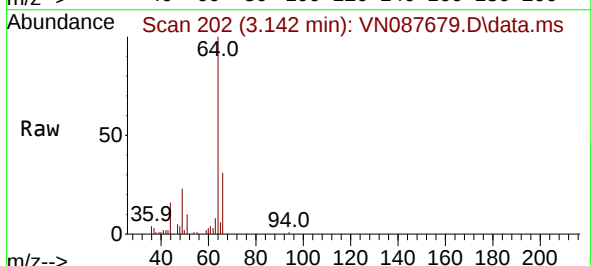
Tgt Ion: 94 Resp: 3450
Ion Ratio Lower Upper
94 100
96 93.0 75.4 113.2

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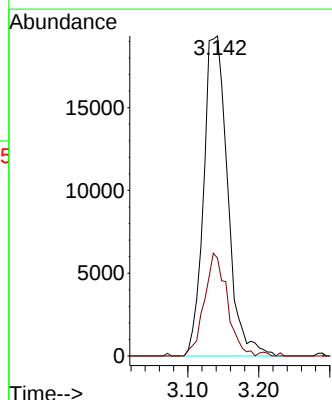
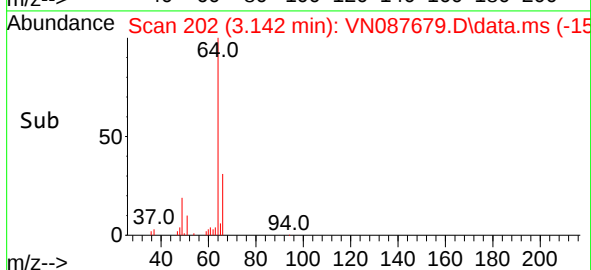
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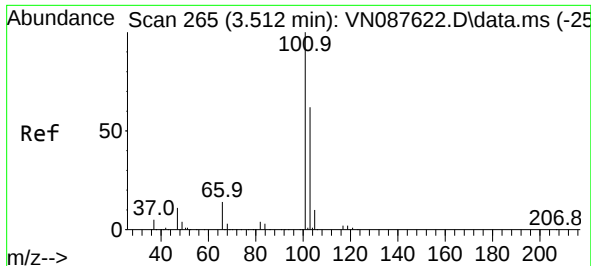


#6
Chloroethane
Concen: 18.903 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



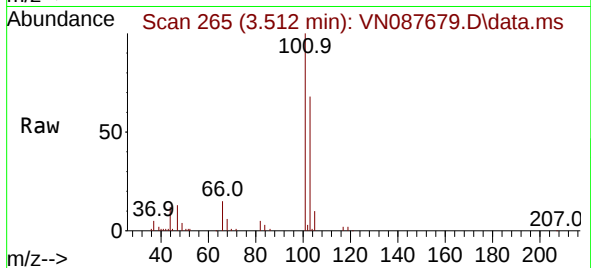
Tgt Ion: 64 Resp: 45414
Ion Ratio Lower Upper
64 100
66 30.6 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 19.029 ug/l
 RT: 3.512 min Scan# 206
 Delta R.T. 0.000 min
 Lab File: VN087679.D
 Acq: 28 Aug 2025 12:50

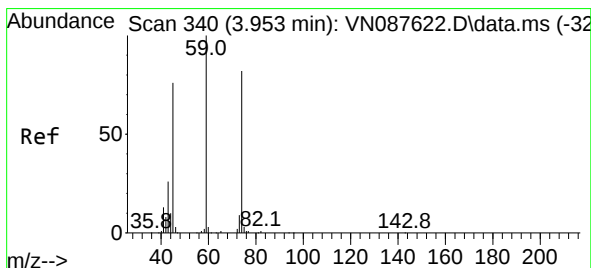
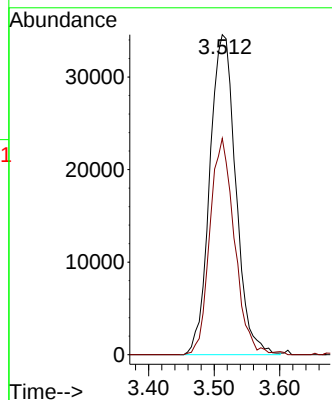
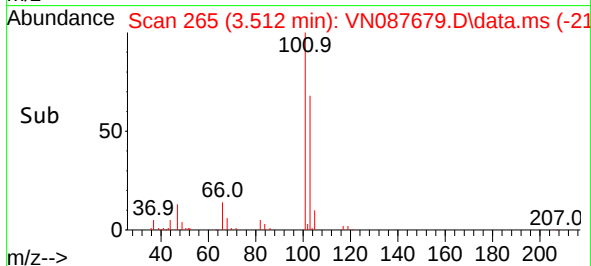
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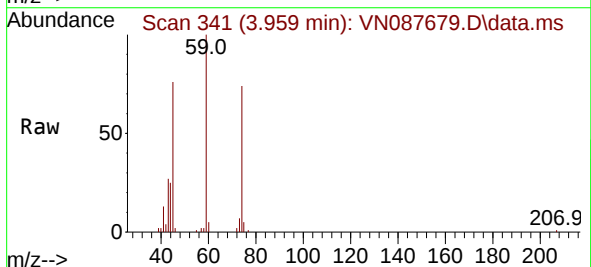
Tgt Ion:101 Resp: 9530
 Ion Ratio Lower Upper
 101 100
 103 67.6 49.4 74.0

Manual Integrations
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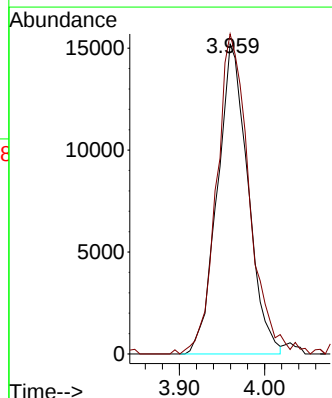
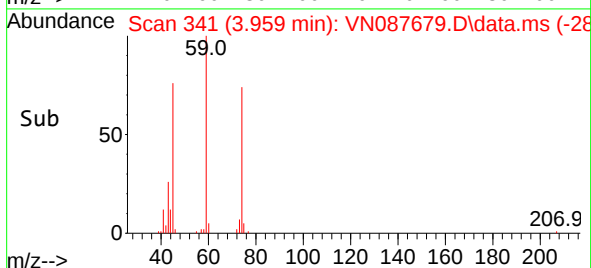
Reviewed By :John Carlone 08/29/2025
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#8
 Diethyl Ether
 Concen: 17.342 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087679.D
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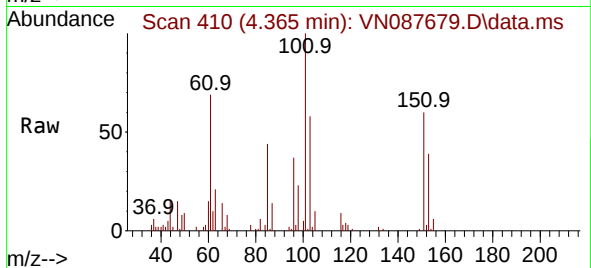
Tgt Ion: 74 Resp: 37824
 Ion Ratio Lower Upper
 74 100
 45 109.7 50.6 151.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.689 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087679.D
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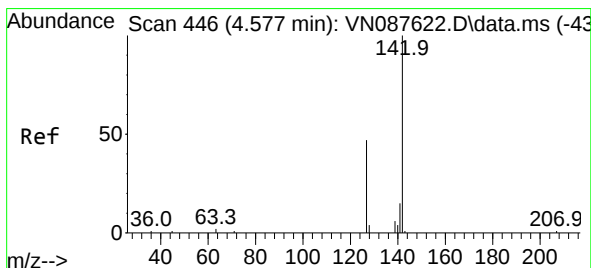
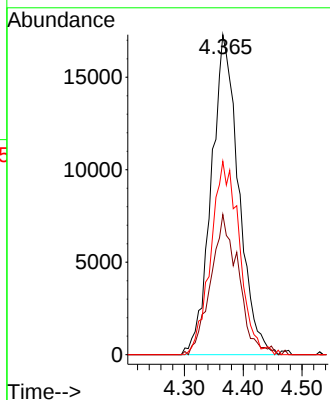
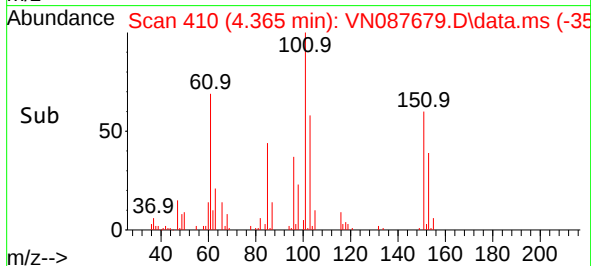
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ClientSampleId :
VN0828WBS01



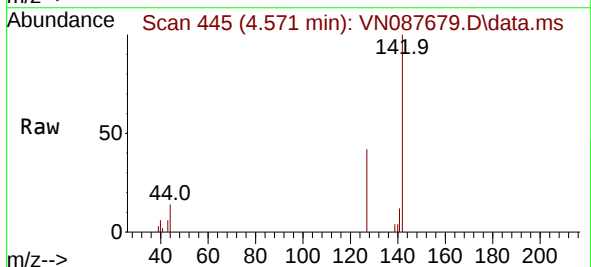
Tgt Ion:101 Resp: 55794
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 63.3 54.7 82.1

Manual Integrations
APPROVED

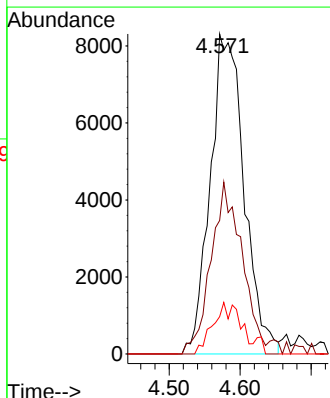
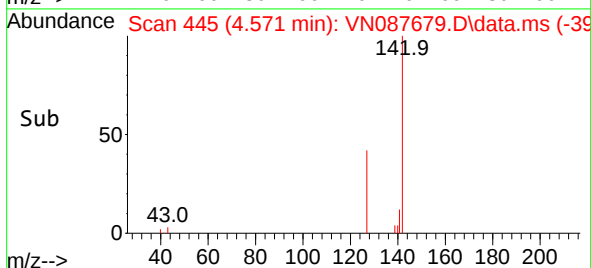
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

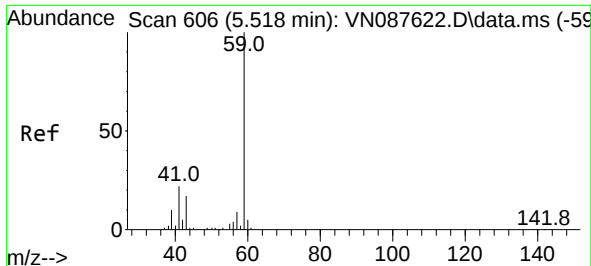


#10
Methyl Iodide
Concen: 18.042 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



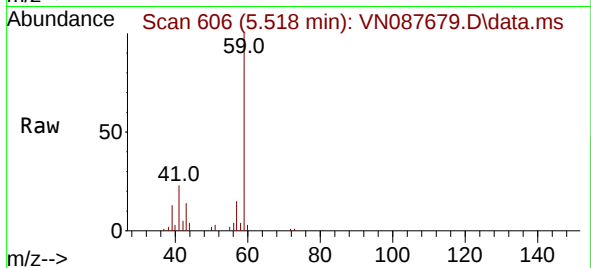
Tgt Ion:142 Resp: 27536
Ion Ratio Lower Upper
142 100
127 41.7 38.0 57.0
141 11.7 12.0 18.0#





#11
Tert butyl alcohol
Concen: 92.021 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

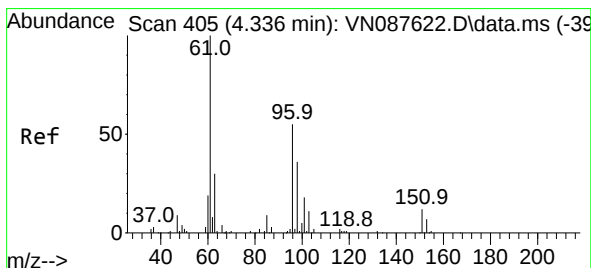
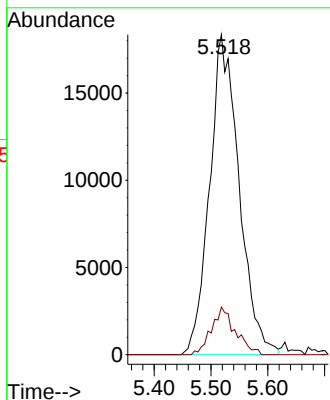
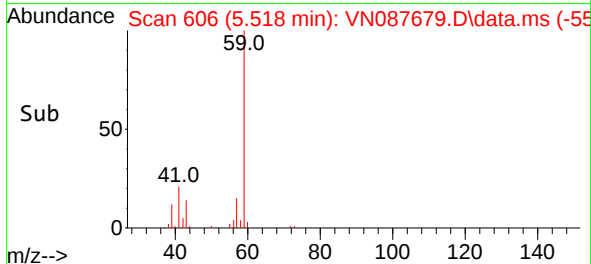
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



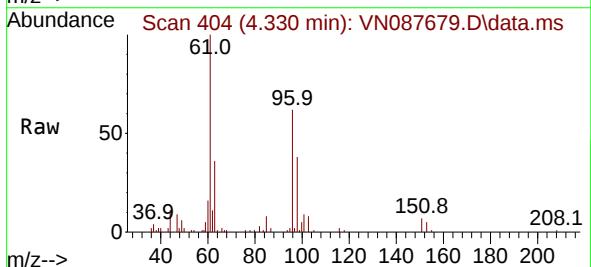
Tgt Ion: 59 Resp: 6611
Ion Ratio Lower Upper
59 100
57 12.1 9.0 13.4

Manual Integrations
APPROVED

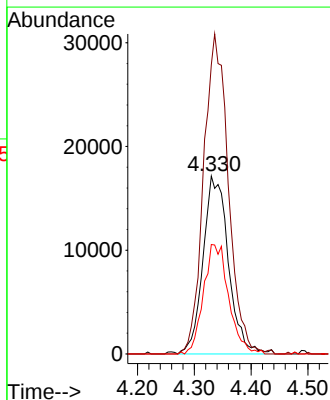
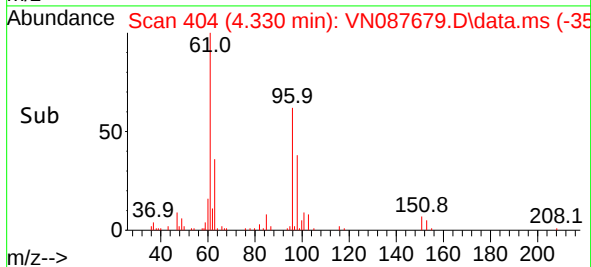
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

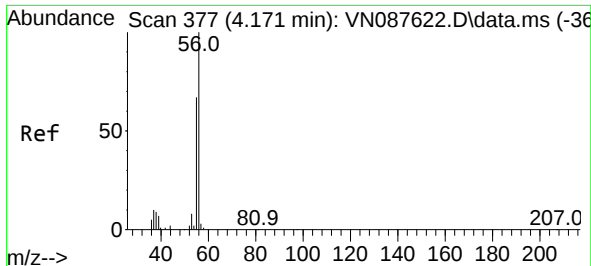


#12
1,1-Dichloroethene
Concen: 18.235 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



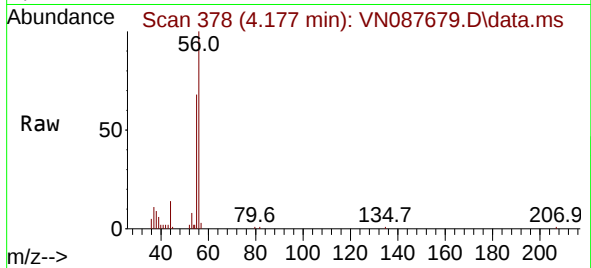
Tgt Ion: 96 Resp: 53102
Ion Ratio Lower Upper
96 100
61 162.5 143.8 215.8
98 61.5 52.1 78.1





#13
Acrolein
Concen: 81.411 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

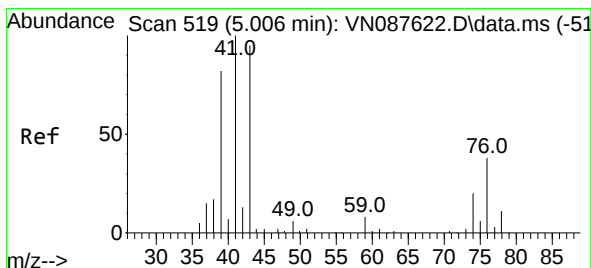
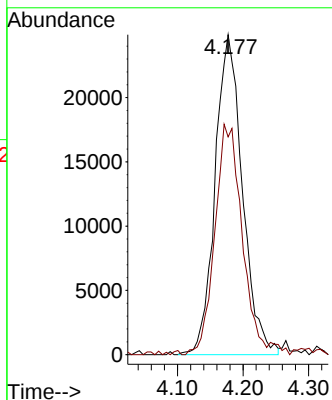
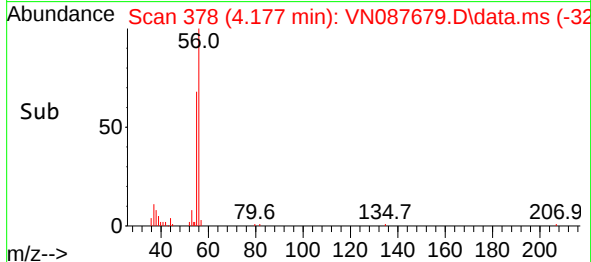
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 56 Resp: 71900
Ion Ratio Lower Upper
56 100
55 71.0 57.3 85.9

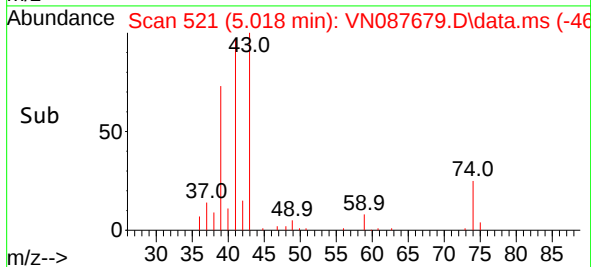
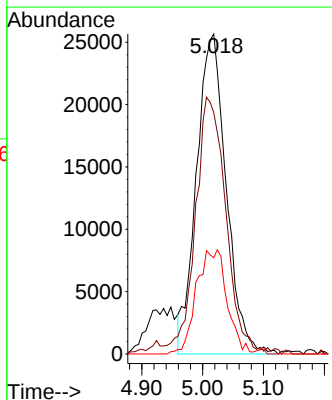
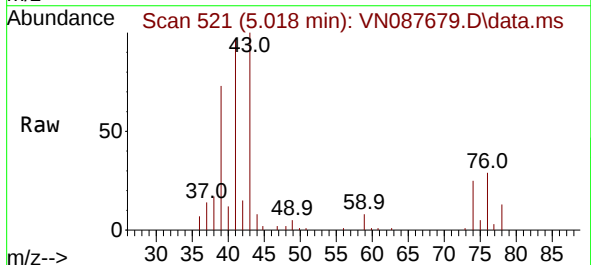
Manual Integrations
APPROVED

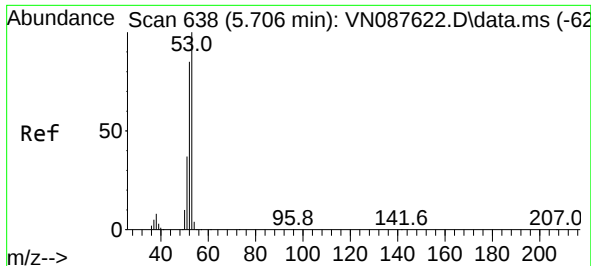
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#14
Allyl chloride
Concen: 16.496 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

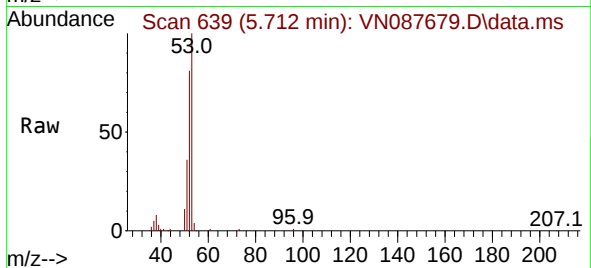
Tgt Ion: 41 Resp: 87055
Ion Ratio Lower Upper
41 100
39 79.7 63.9 95.9
76 33.5 28.1 42.1





#15
Acrylonitrile
Concen: 89.252 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

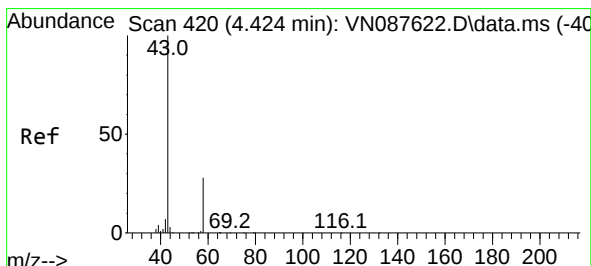
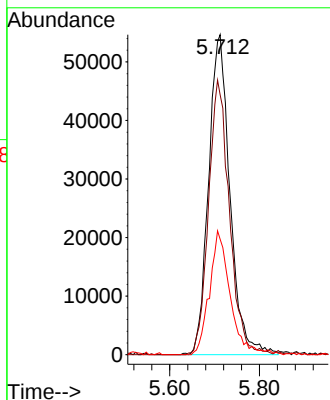
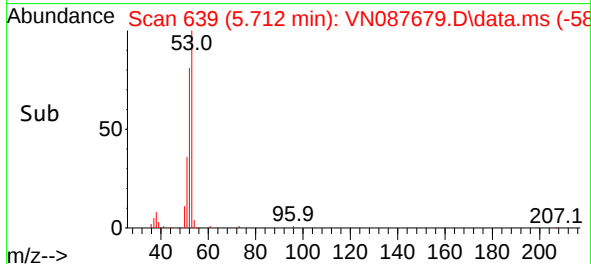
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 53 Resp: 18084
Ion Ratio Lower Upper
53 100
52 83.9 67.6 101.4
51 37.5 30.1 45.1

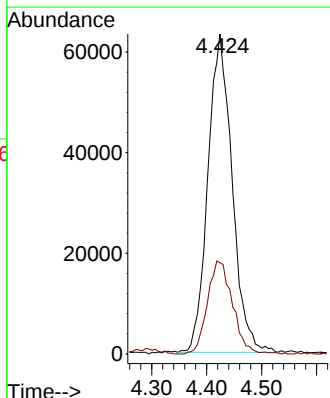
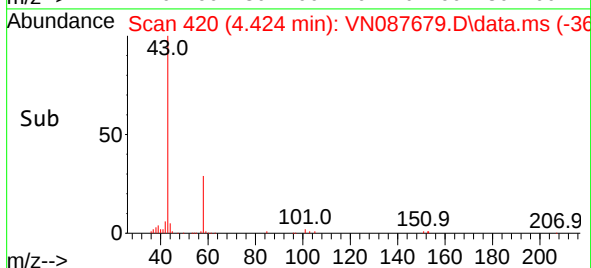
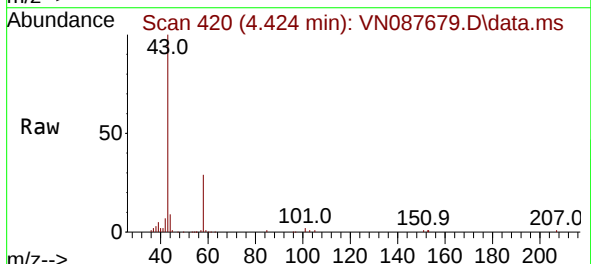
Manual Integrations
APPROVED

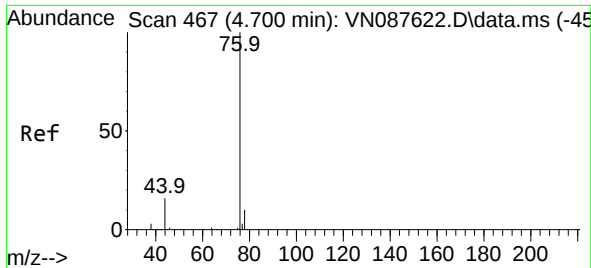
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#16
Acetone
Concen: 85.990 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

Tgt Ion: 43 Resp: 193722
Ion Ratio Lower Upper
43 100
58 28.7 22.6 33.8





#17

Carbon Disulfide

Concen: 16.816 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.006 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01

Tgt Ion: 76 Resp: 134814

Ion Ratio Lower Upper

76 100

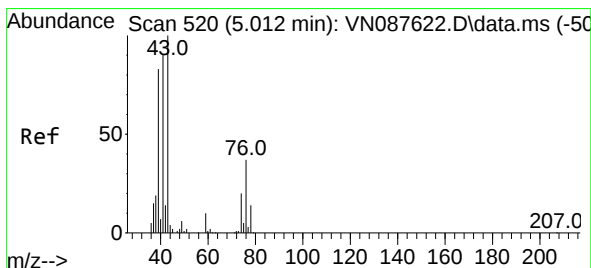
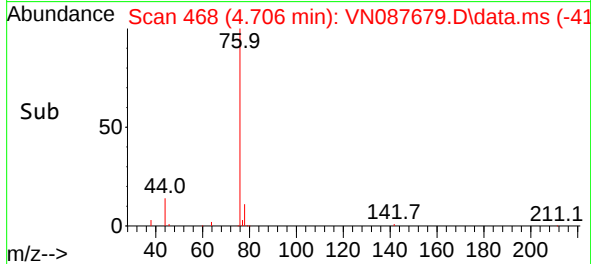
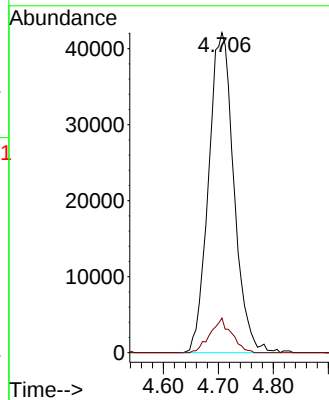
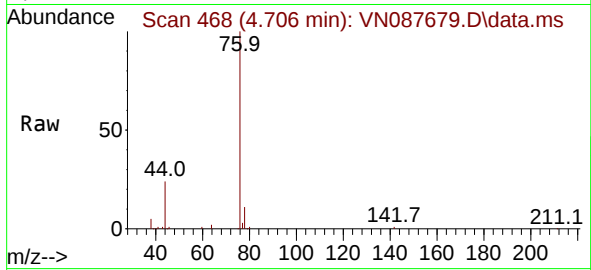
78 10.8 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#18

Methyl Acetate

Concen: 19.744 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.012 min

Lab File: VN087679.D

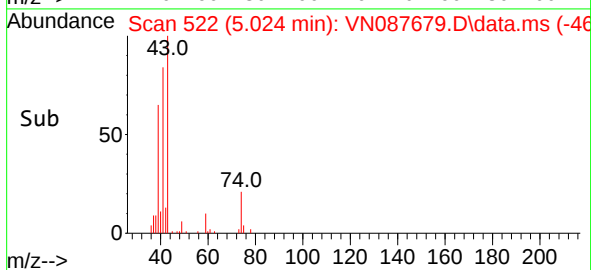
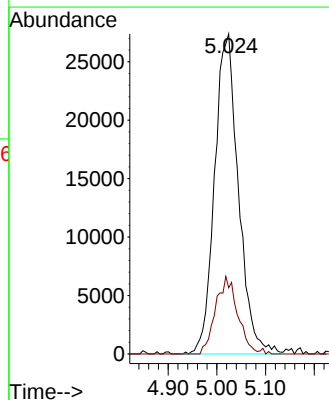
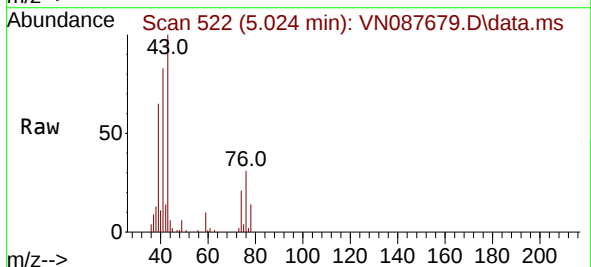
Acq: 28 Aug 2025 12:50

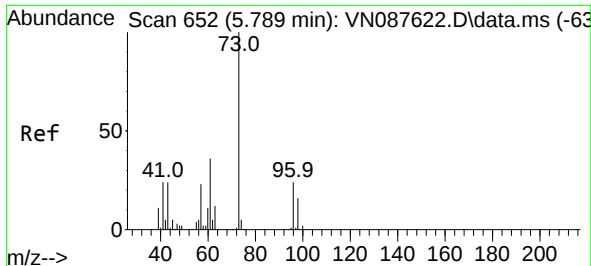
Tgt Ion: 43 Resp: 93132

Ion Ratio Lower Upper

43 100

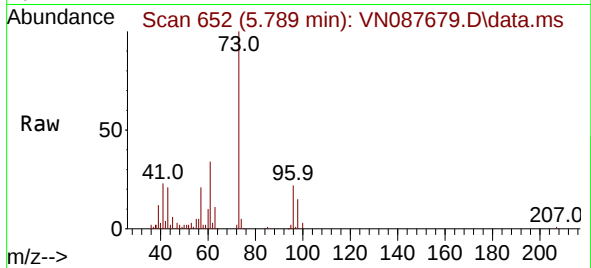
74 22.2 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 17.445 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

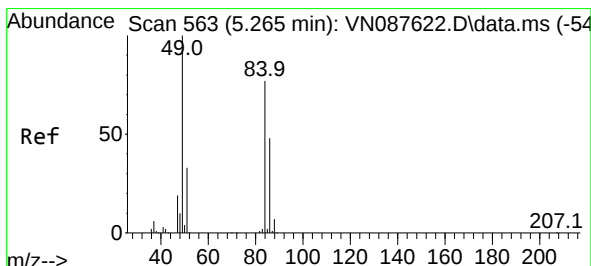
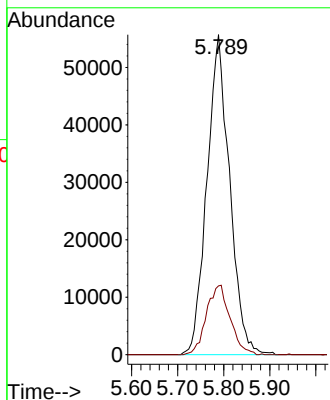
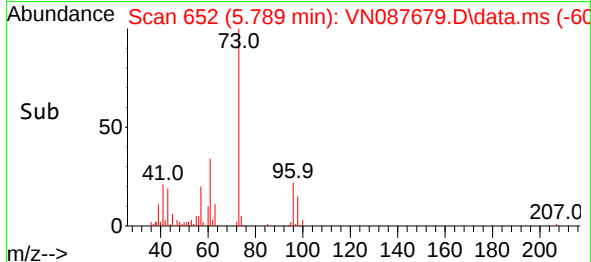
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



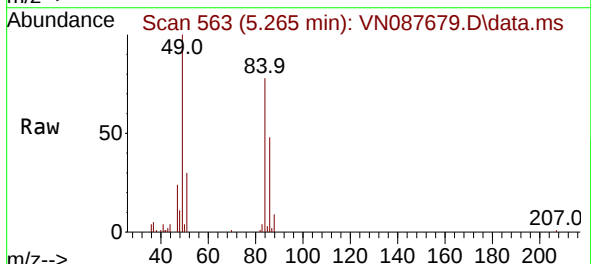
Tgt Ion: 73 Resp: 190584
Ion Ratio Lower Upper
73 100
57 21.5 18.4 27.6

Manual Integrations
APPROVED

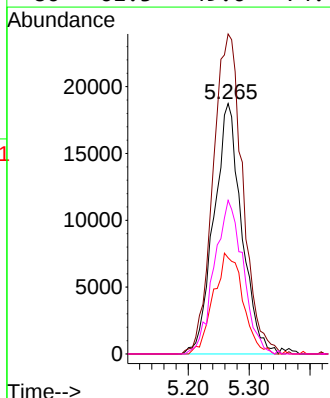
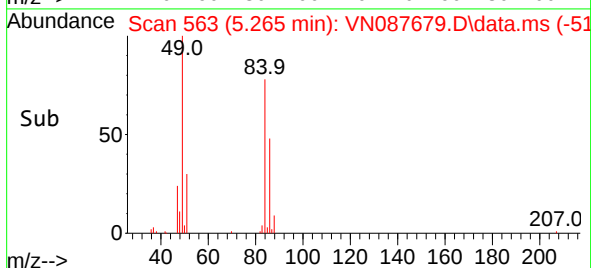
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#20
Methylene Chloride
Concen: 17.390 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



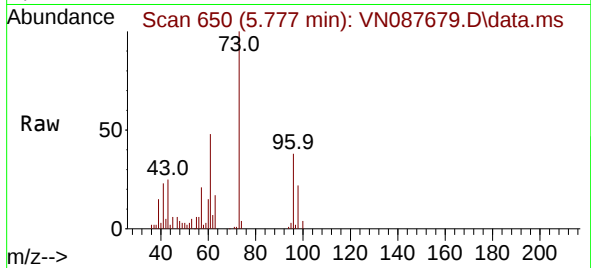
Tgt Ion: 84 Resp: 59304
Ion Ratio Lower Upper
84 100
49 127.8 103.4 155.2
51 38.4 33.8 50.8
86 61.3 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 16.747 ug/l
RT: 5.777 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

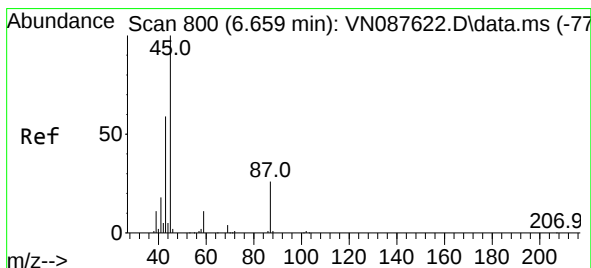
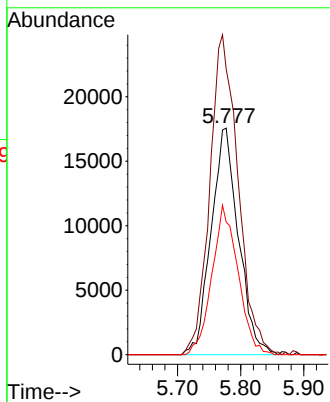
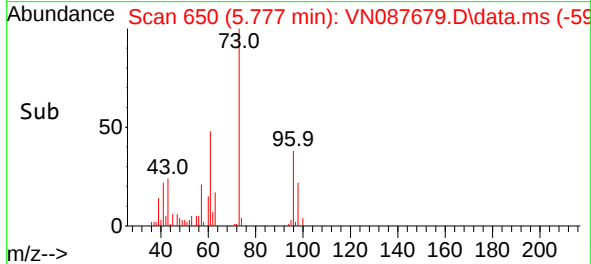
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



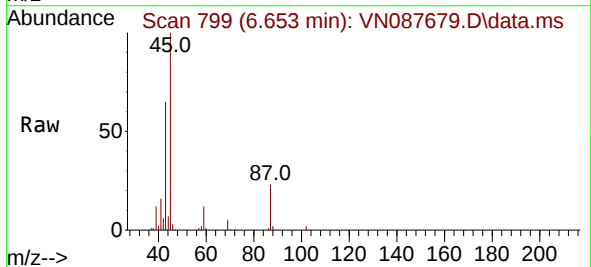
Tgt Ion: 96 Resp: 5285
Ion Ratio Lower Upper
96 100
61 126.0 118.0 177.0
98 58.6 50.0 75.0

Manual Integrations
APPROVED

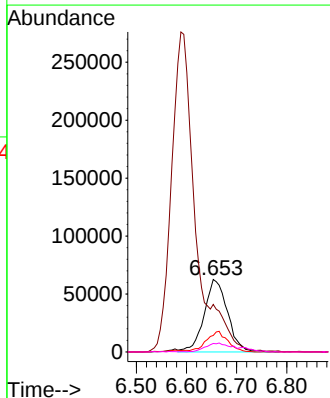
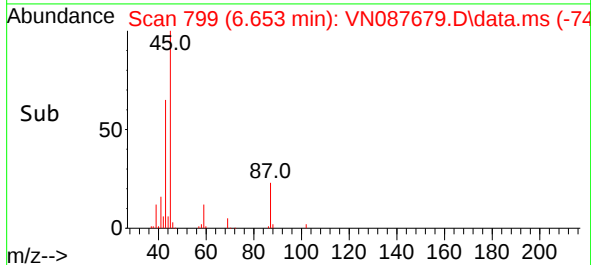
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#22
Diisopropyl ether
Concen: 17.788 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



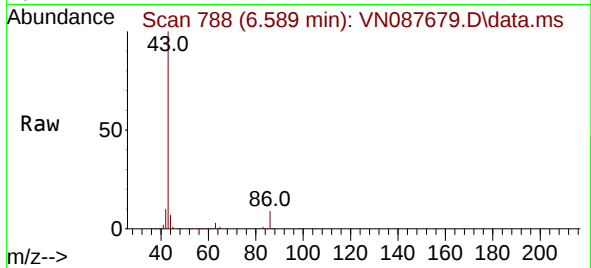
Tgt Ion: 45 Resp: 202577
Ion Ratio Lower Upper
45 100
43 63.9 47.7 71.5
87 22.7 21.4 32.0
59 11.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 88.748 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087679.D
 Acq: 28 Aug 2025 12:50

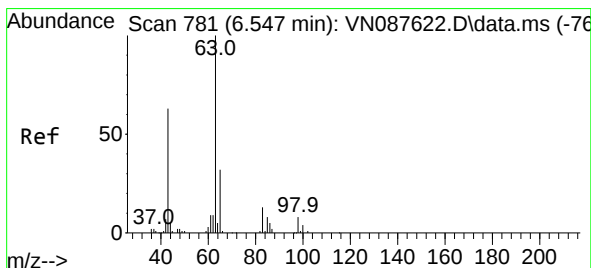
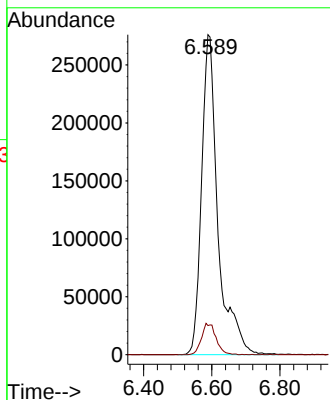
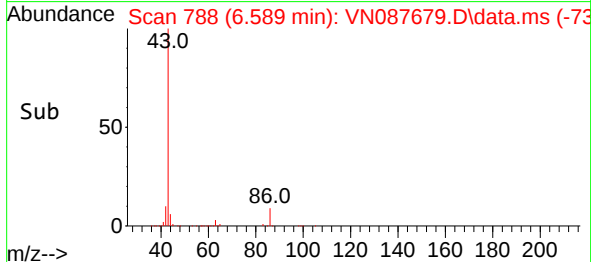
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBS01



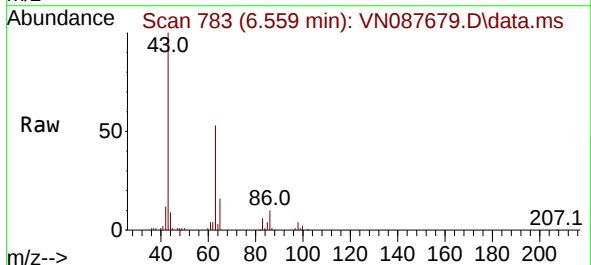
Tgt Ion: 43 Resp: 91950
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.2 12.4

Manual Integrations
 APPROVED

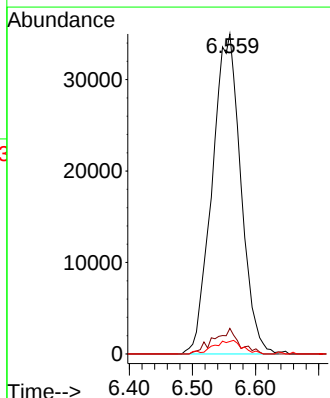
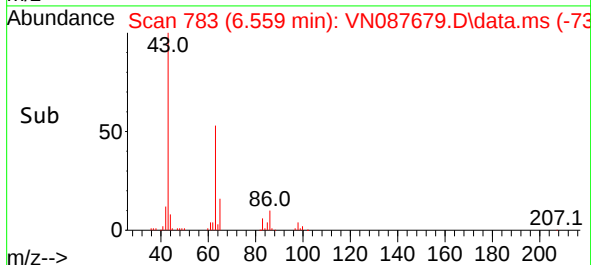
Reviewed By :John Carlone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025



#24
 1,1-Dichloroethane
 Concen: 17.691 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN087679.D
 Acq: 28 Aug 2025 12:50



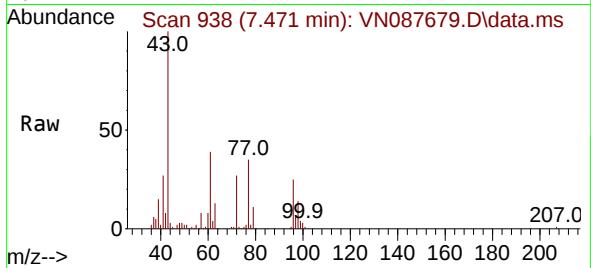
Tgt Ion: 63 Resp: 110462
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.4
 100 3.9 2.0 6.0





#25
2-Butanone
Concen: 88.519 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

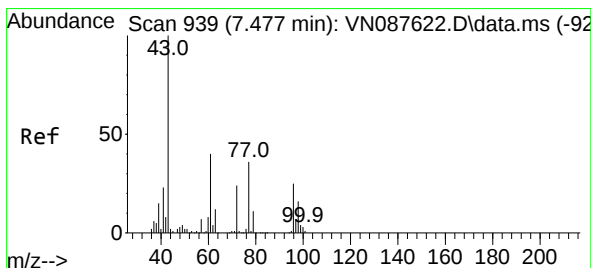
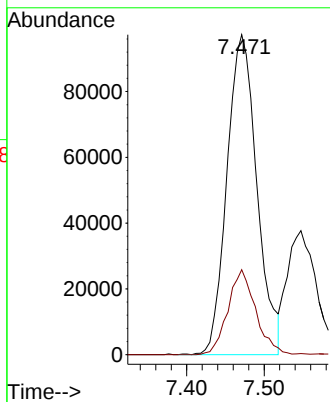
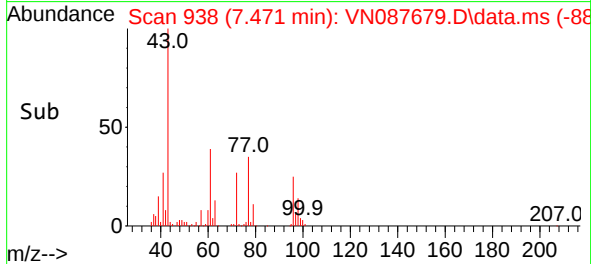
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 43 Resp: 262362
Ion Ratio Lower Upper
43 100
72 26.5 19.9 29.9

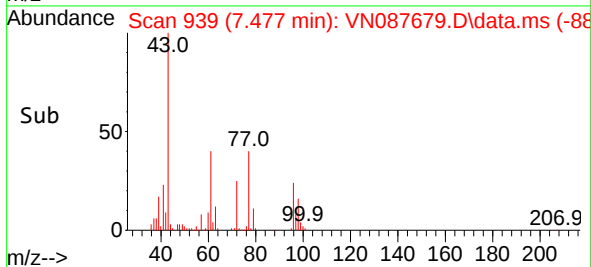
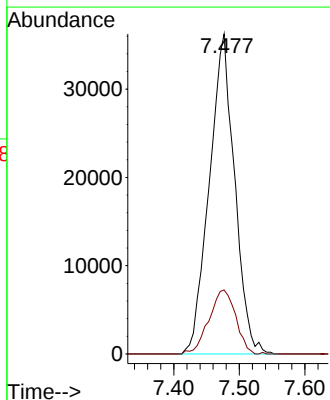
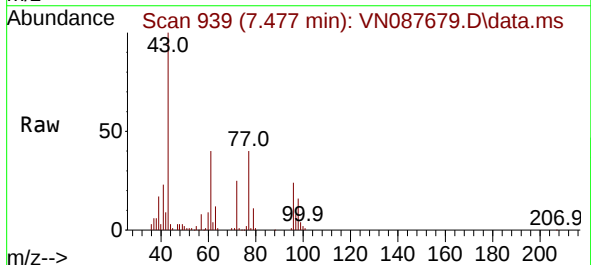
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#26
2,2-Dichloropropane
Concen: 18.140 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

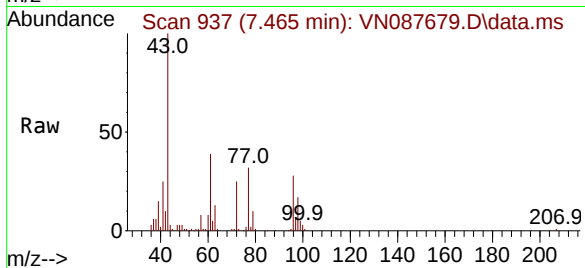
Tgt Ion: 77 Resp: 97212
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 17.871 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087679.D
 Acq: 28 Aug 2025 12:50

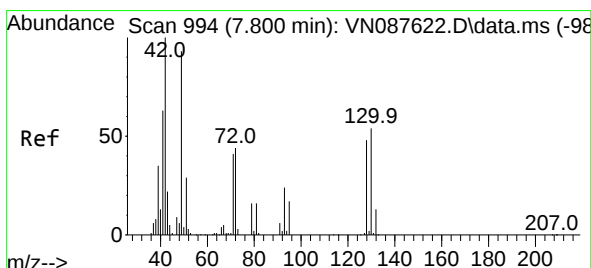
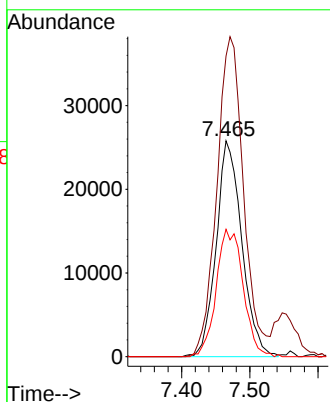
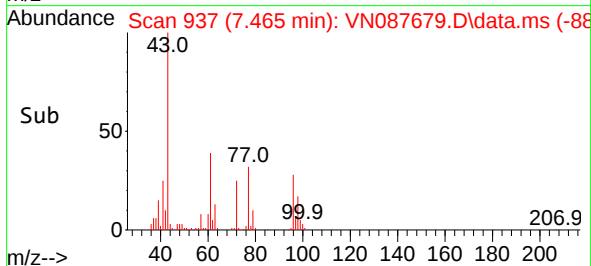
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBS01



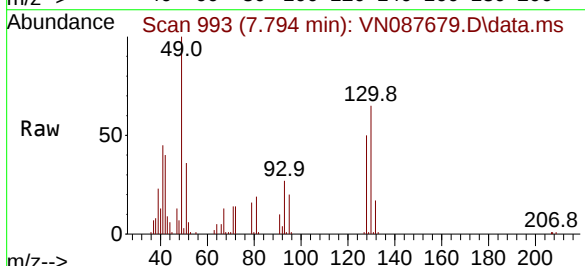
Tgt Ion: 96 Resp: 67429
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 301.8
 98 62.0 0.0 126.2

Manual Integrations
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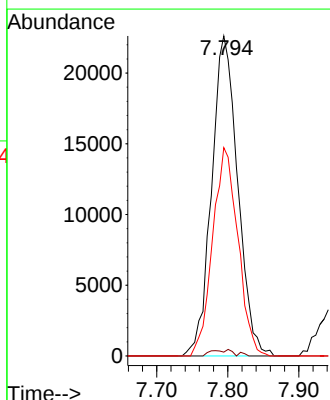
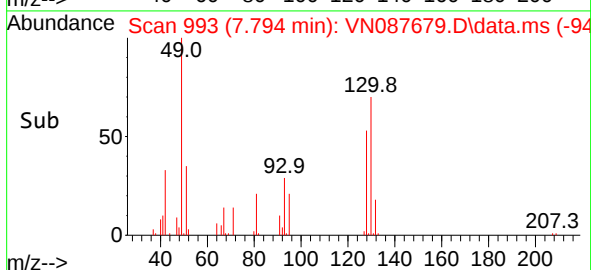
Reviewed By :John Carlone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025



#28
 Bromochloromethane
 Concen: 19.127 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087679.D
 Acq: 28 Aug 2025 12:50



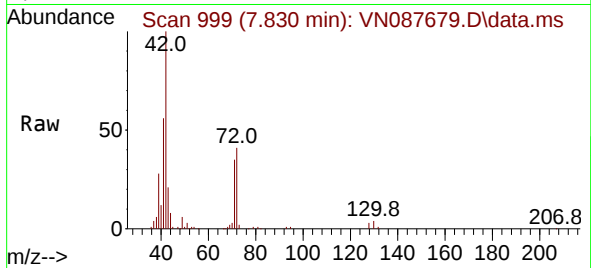
Tgt Ion: 49 Resp: 57737
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 63.0 53.1 79.7





#29
Tetrahydrofuran
Concen: 89.916 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

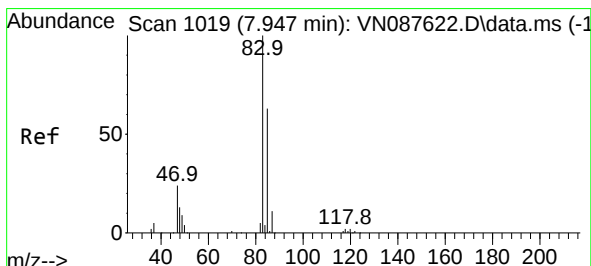
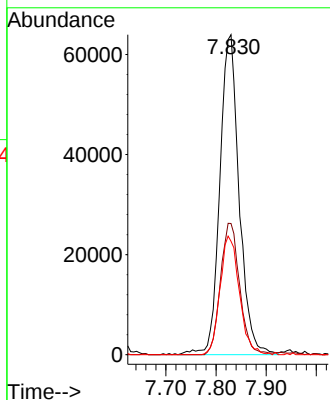
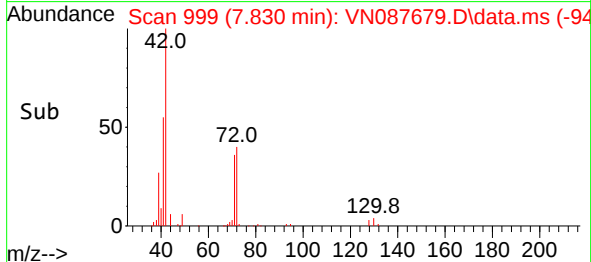
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 42 Resp: 171509
Ion Ratio Lower Upper
42 100
72 40.6 33.7 50.5
71 36.9 31.9 47.9

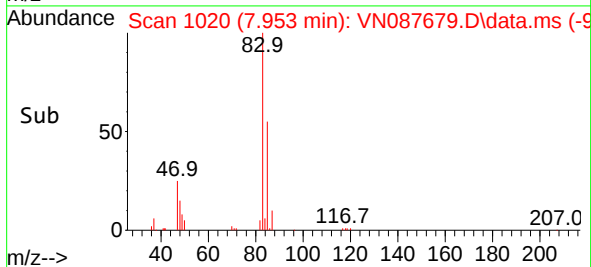
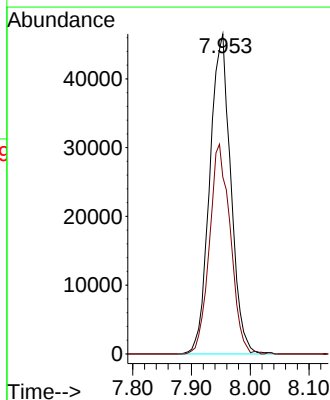
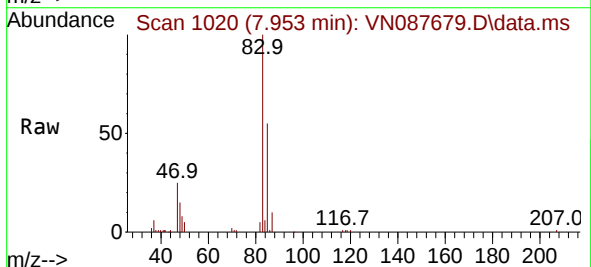
Manual Integrations
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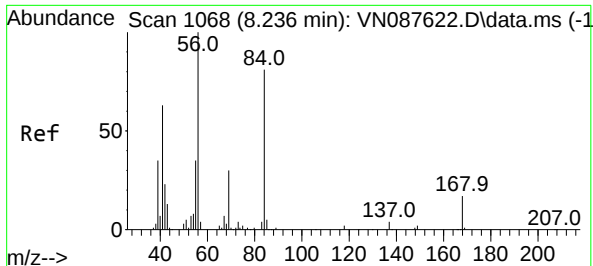
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#30
Chloroform
Concen: 18.123 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

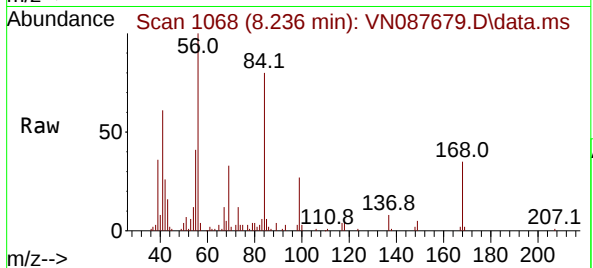
Tgt Ion: 83 Resp: 115503
Ion Ratio Lower Upper
83 100
85 55.3 50.7 76.1





#31
Cyclohexane
Concen: 18.242 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

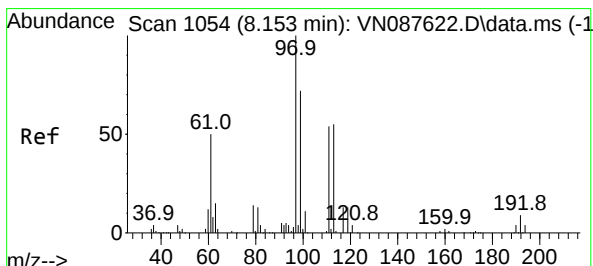
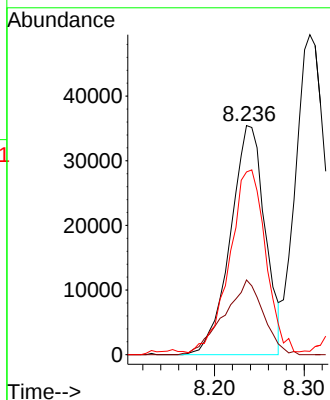
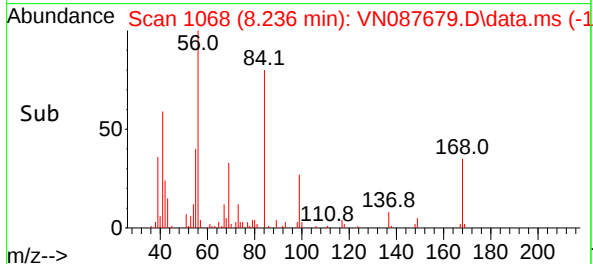
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



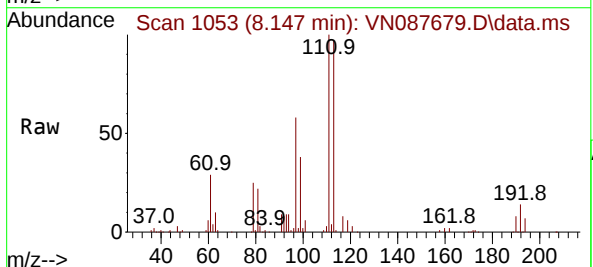
Tgt Ion: 56 Resp: 9495
Ion Ratio Lower Upper
56 100
69 32.6 23.7 35.5
84 78.4 64.7 97.1

Manual Integrations
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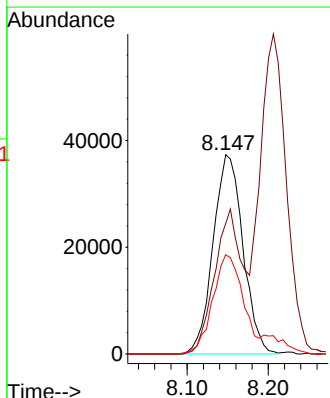
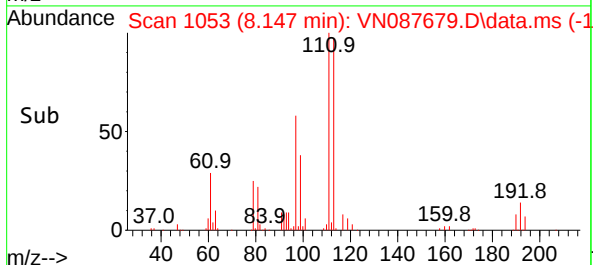
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

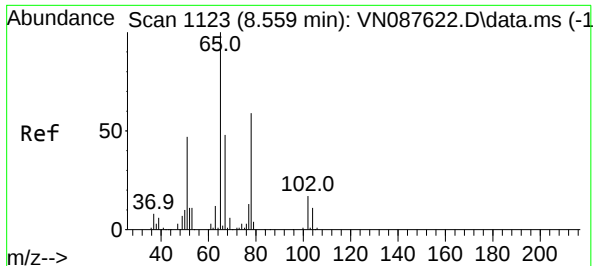


#32
1,1,1-Trichloroethane
Concen: 17.666 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



Tgt Ion: 97 Resp: 95419
Ion Ratio Lower Upper
97 100
99 68.7 52.2 78.2
61 50.7 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 53.421 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01

Tgt Ion: 65 Resp: 22108

Ion Ratio Lower Upper

65 100

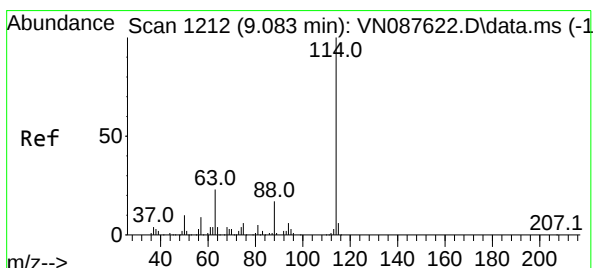
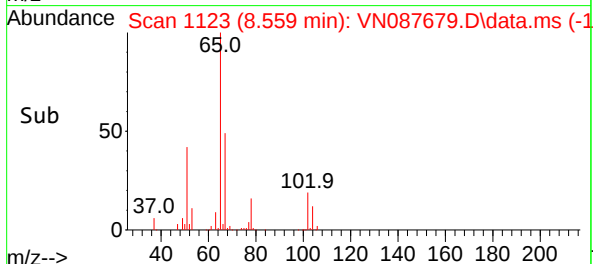
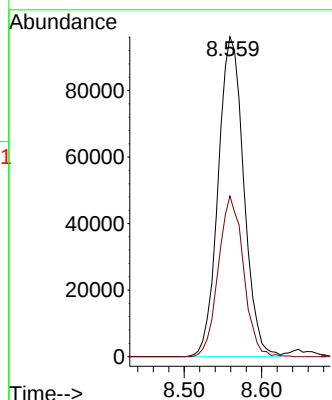
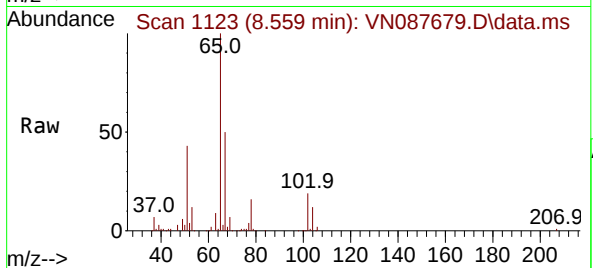
67 49.1 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

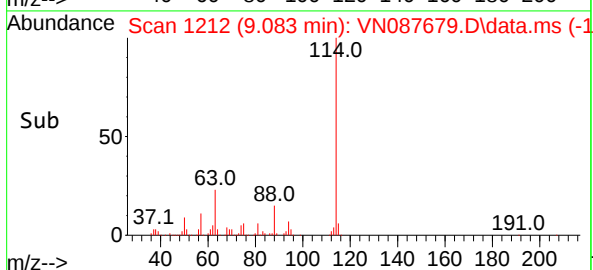
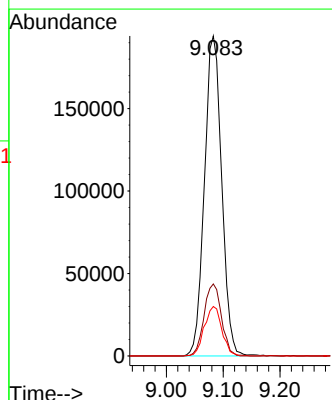
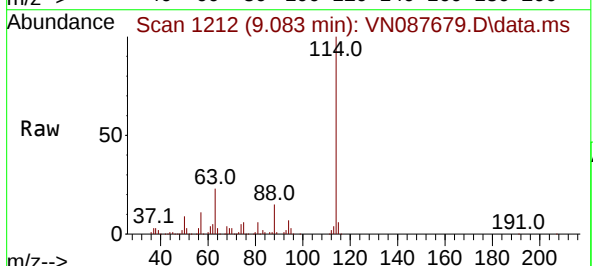
Tgt Ion:114 Resp: 408675

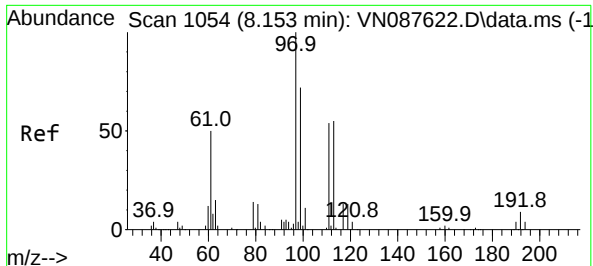
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.064 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01

Tgt Ion: 113 Resp: 150672

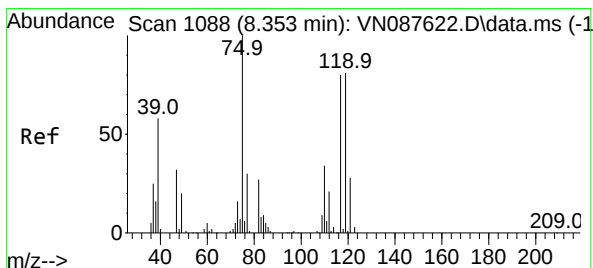
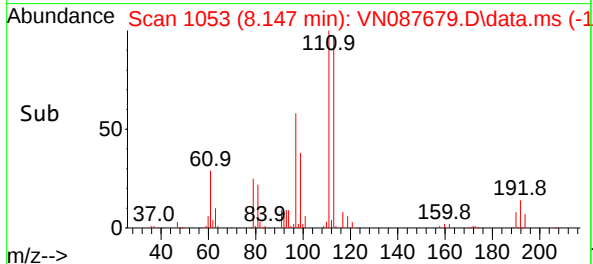
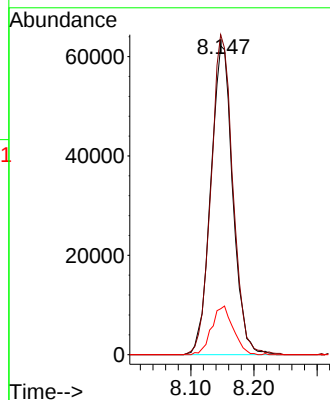
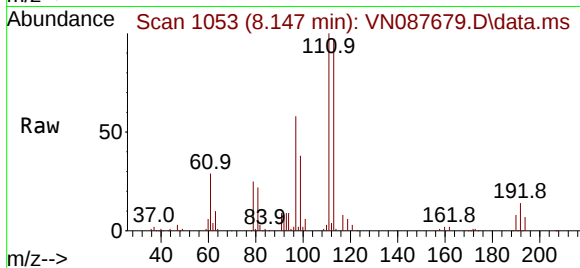
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	15.4	12.8	19.2

Manual Integrations

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Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#36

1,1-Dichloropropene

Concen: 16.408 ug/l

RT: 8.353 min Scan# 1088

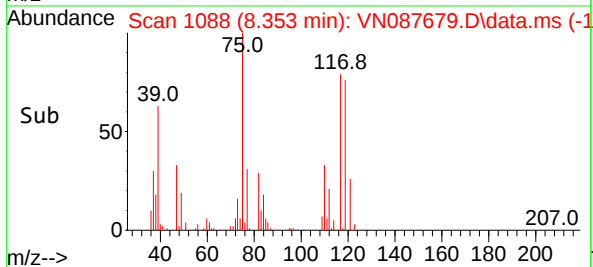
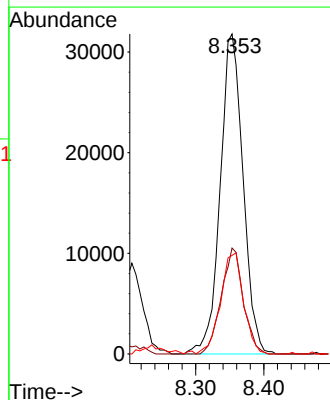
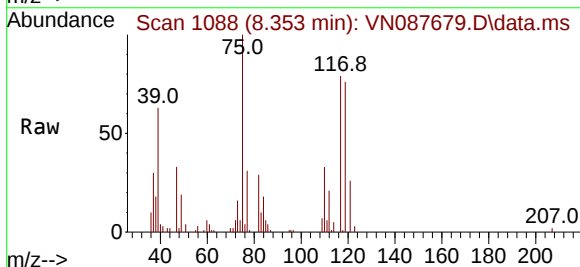
Delta R.T. 0.000 min

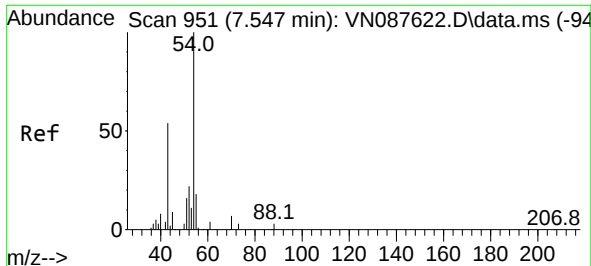
Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Tgt Ion: 75 Resp: 74271

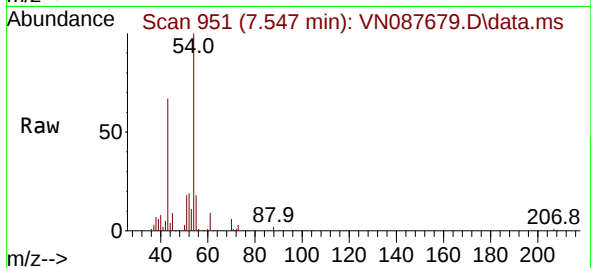
Ion	Ratio	Lower	Upper
75	100		
110	31.8	15.9	47.6
77	31.6	24.4	36.6





#37
Ethyl Acetate
Concen: 16.245 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

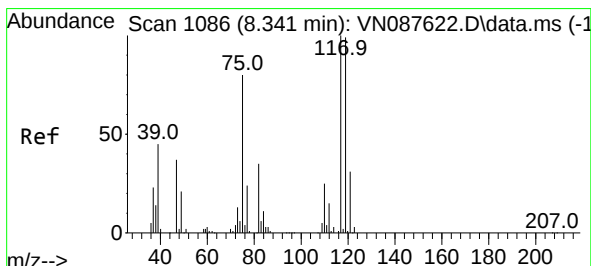
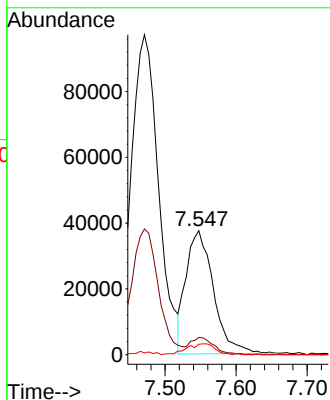
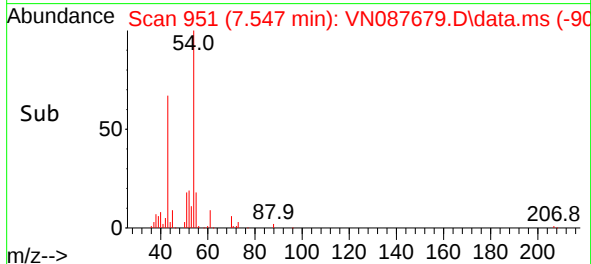
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 43 Resp: 10048
Ion Ratio Lower Upper
43 100
61 11.6 9.3 13.9
70 9.0 7.0 10.6

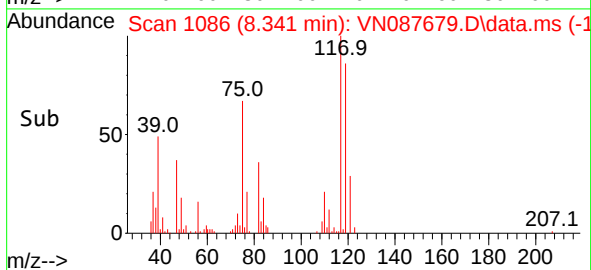
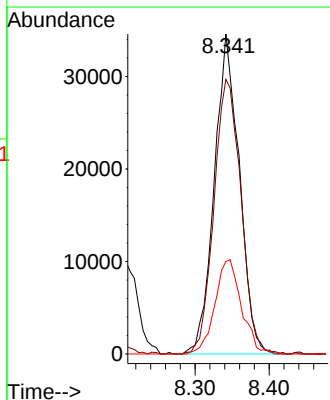
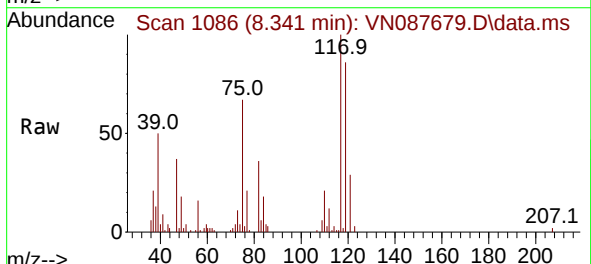
Manual Integrations
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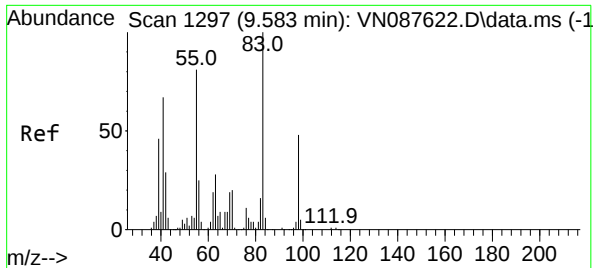
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#38
Carbon Tetrachloride
Concen: 18.141 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

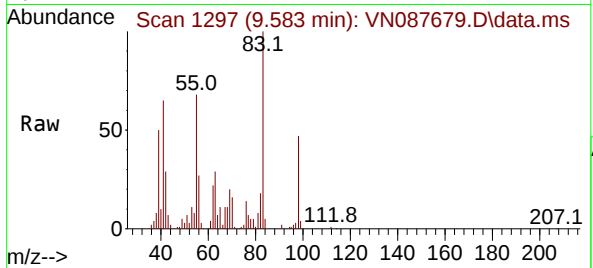
Tgt Ion:117 Resp: 81078
Ion Ratio Lower Upper
117 100
119 85.8 79.0 118.6
121 28.9 25.0 37.6





#39
Methylcyclohexane
Concen: 16.152 ug/l
RT: 9.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

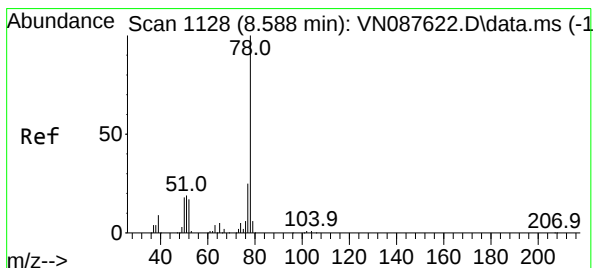
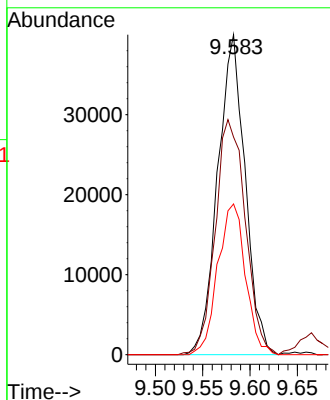
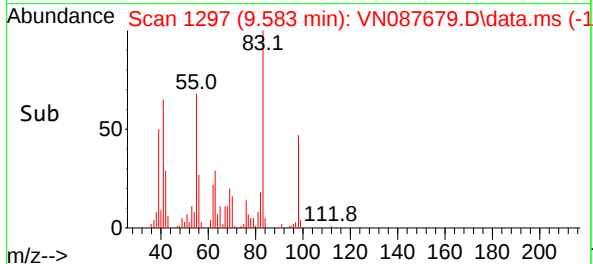
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 83 Resp: 8049
Ion Ratio Lower Upper
83 100
55 68.0 64.6 96.8
98 47.1 38.4 57.6

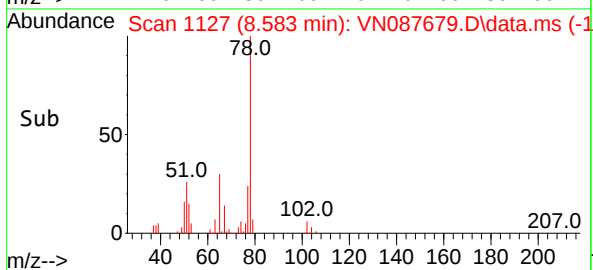
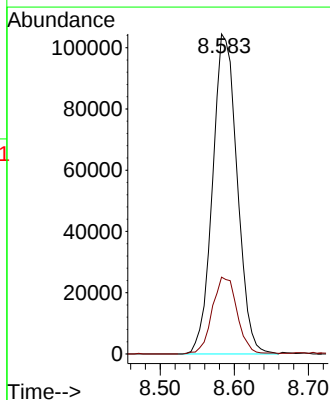
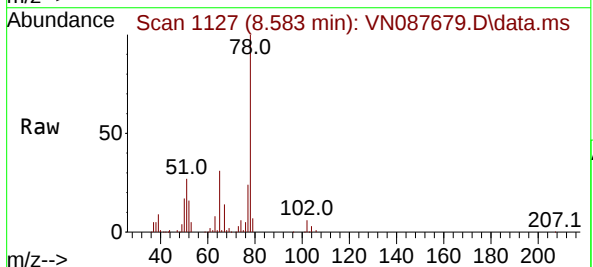
Manual Integrations
APPROVED

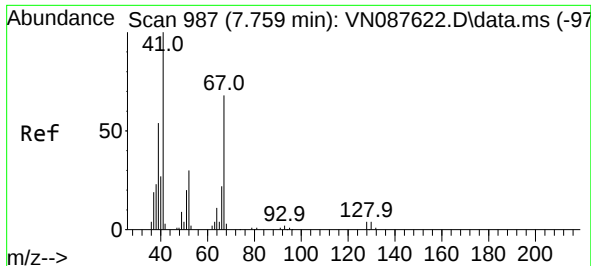
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#40
Benzene
Concen: 17.330 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

Tgt Ion: 78 Resp: 240604
Ion Ratio Lower Upper
78 100
77 24.0 19.7 29.5





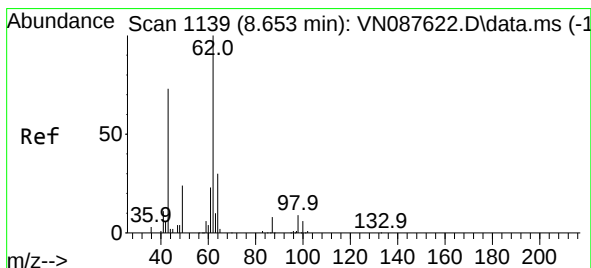
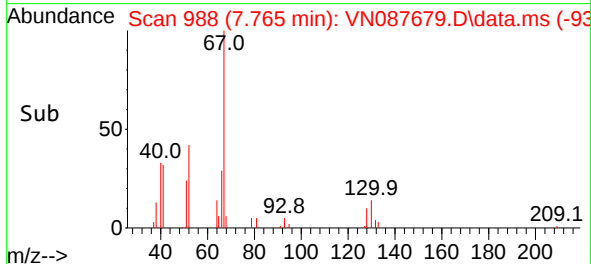
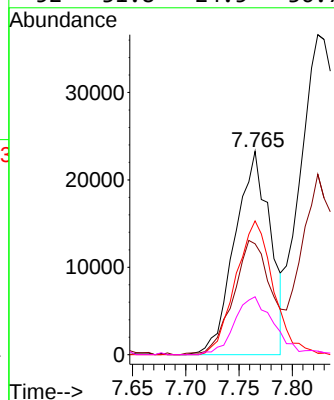
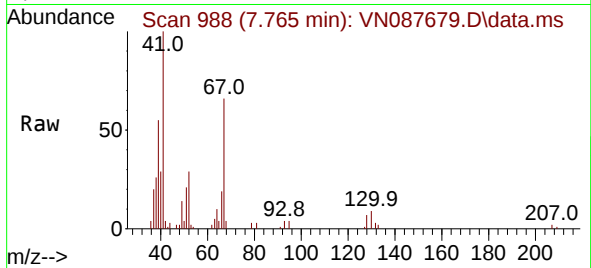
#41
Methacrylonitrile
Concen: 16.886 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01

Tgt Ion: 41 Resp: 54100
Ion Ratio Lower Upper
41 100
39 61.7 45.4 68.0
67 69.5 55.3 82.9
52 31.8 24.5 36.7

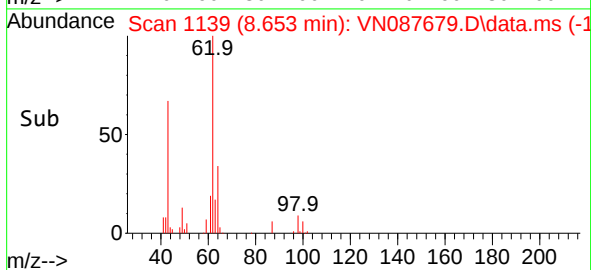
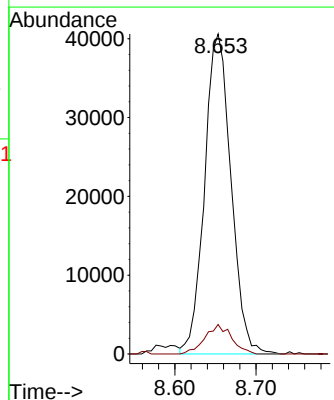
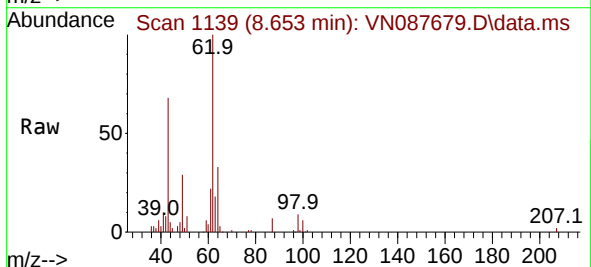
Manual Integrations
APPROVED

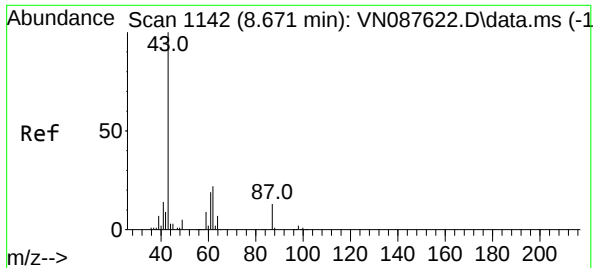
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#42
1,2-Dichloroethane
Concen: 17.195 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

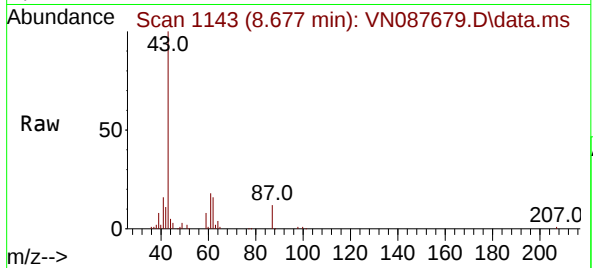
Tgt Ion: 62 Resp: 91740
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.4





#43
Isopropyl Acetate
Concen: 17.398 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

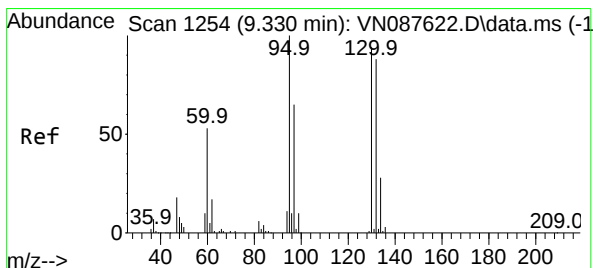
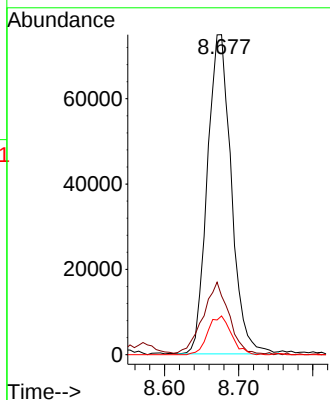
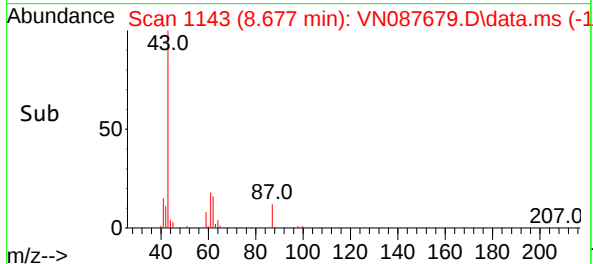
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 43 Resp: 16801
Ion Ratio Lower Upper
43 100
61 25.1 18.8 28.2
87 11.9 9.6 14.4

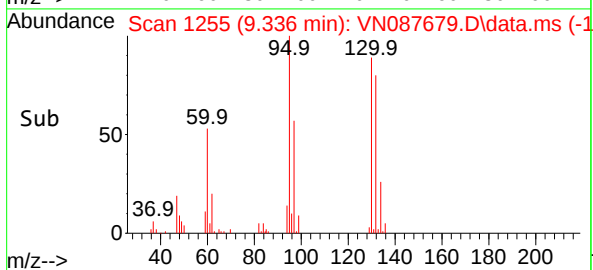
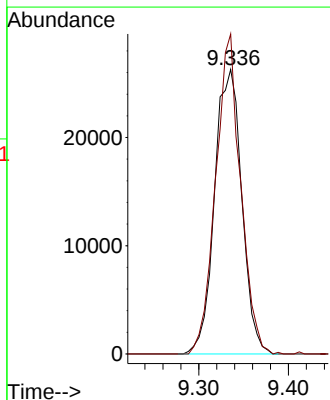
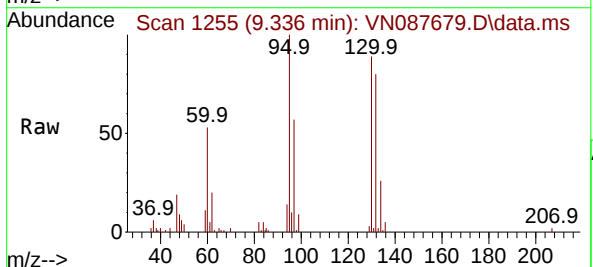
Manual Integrations
APPROVED

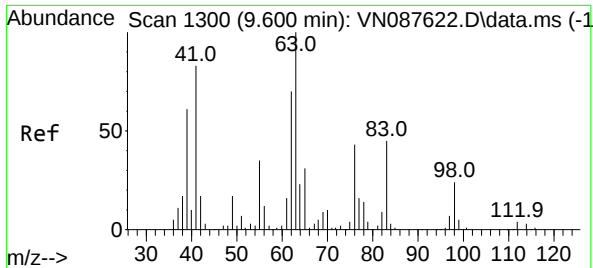
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#44
Trichloroethene
Concen: 17.473 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

Tgt Ion:130 Resp: 55385
Ion Ratio Lower Upper
130 100
95 112.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 17.444 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01

Tgt Ion: 63 Resp: 63839

Ion Ratio Lower Upper

63 100

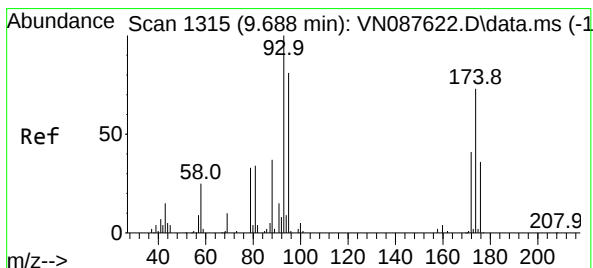
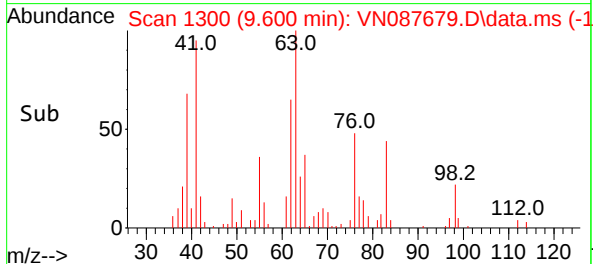
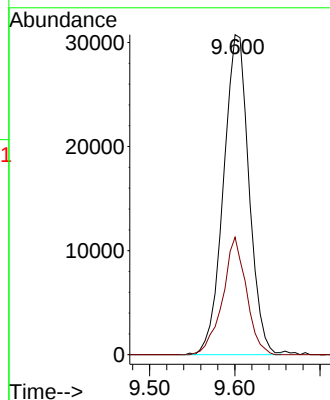
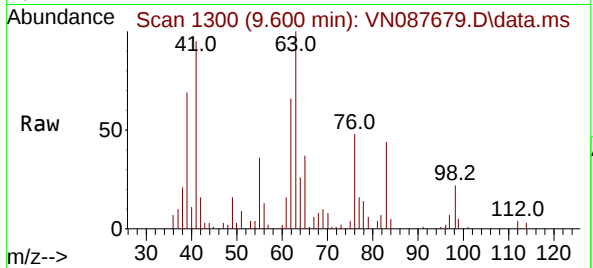
65 36.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#46

Dibromomethane

Concen: 17.756 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

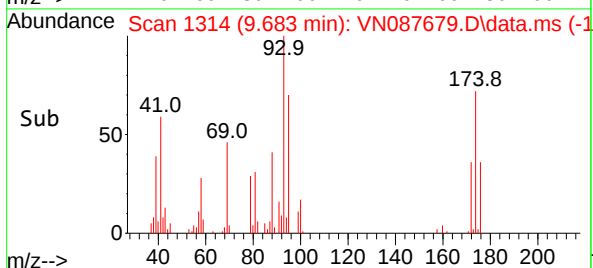
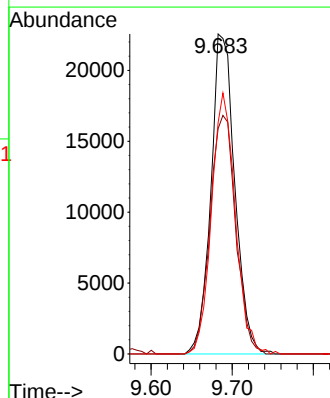
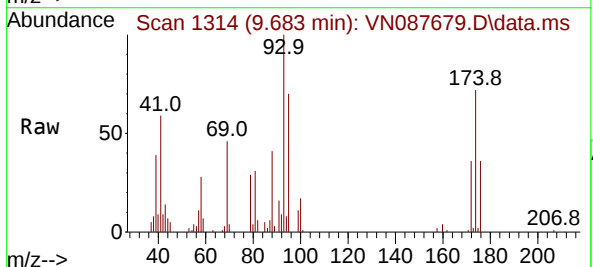
Tgt Ion: 93 Resp: 46241

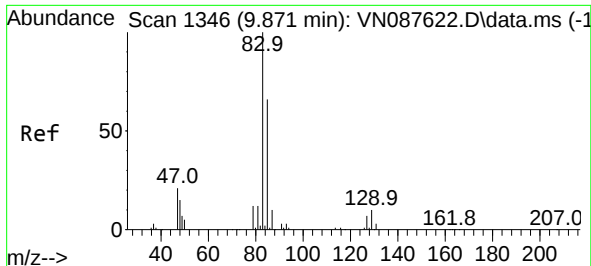
Ion Ratio Lower Upper

93 100

95 79.9 66.2 99.4

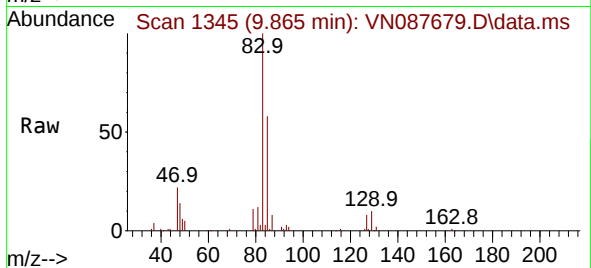
174 81.2 63.4 95.2





#47
Bromodichloromethane
Concen: 17.866 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

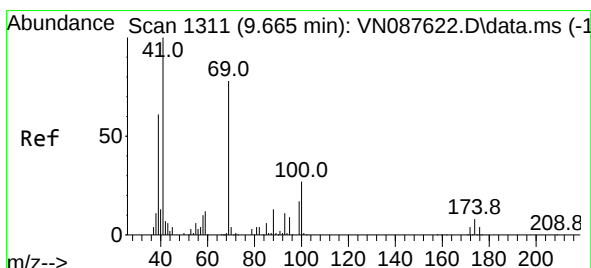
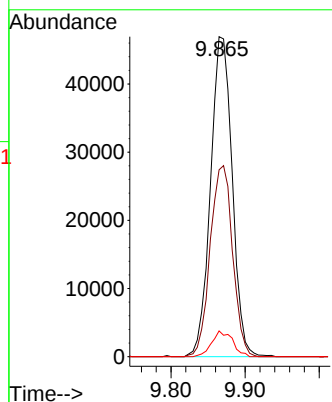
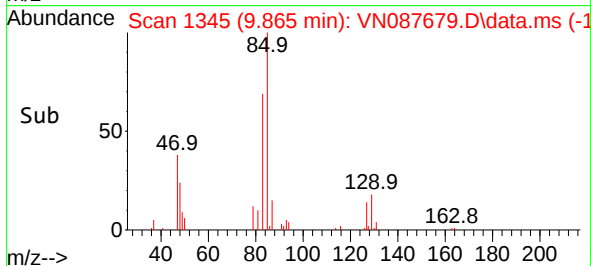
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 83 Resp: 9535
Ion Ratio Lower Upper
83 100
85 58.4 52.5 78.7
127 9.1 5.8 8.6

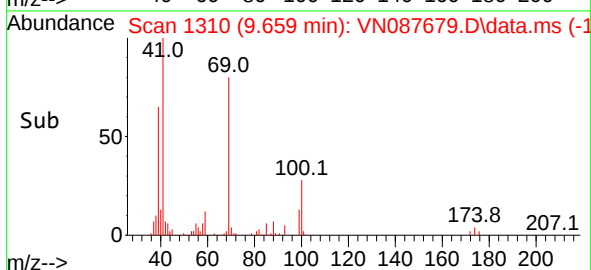
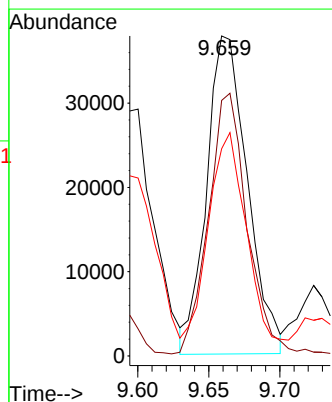
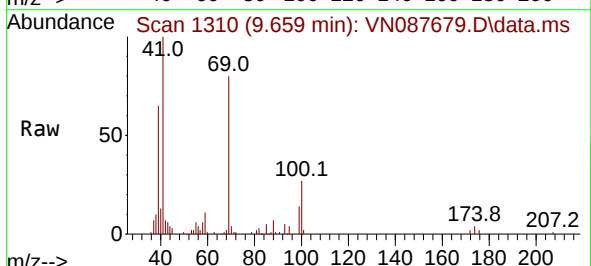
Manual Integrations
APPROVED

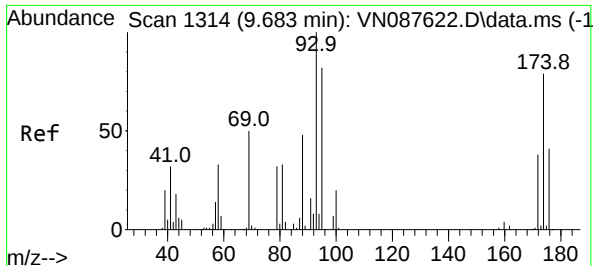
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#48
Methyl methacrylate
Concen: 16.498 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

Tgt Ion: 41 Resp: 75364
Ion Ratio Lower Upper
41 100
69 80.0 62.7 94.1
39 68.0 52.9 79.3





#49

1,4-Dioxane

Concen: 393.435 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN087679.D

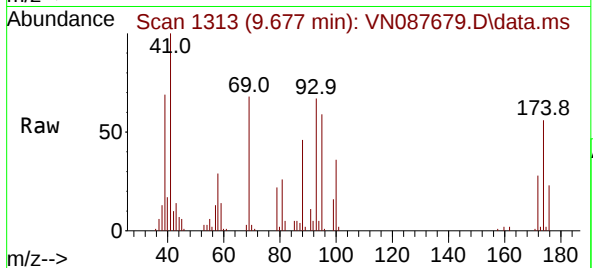
Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01



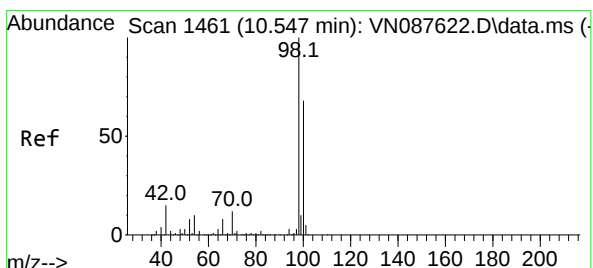
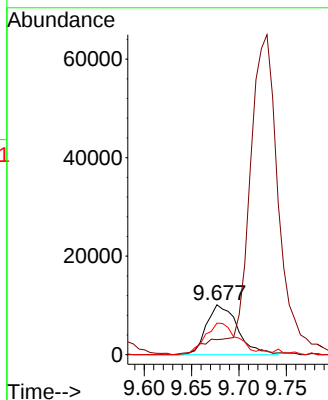
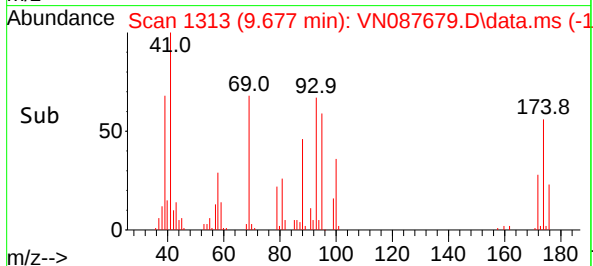
Tgt Ion:	88	Resp:	23294
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	67.8	57.9	86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#50

Toluene-d8

Concen: 48.375 ug/l

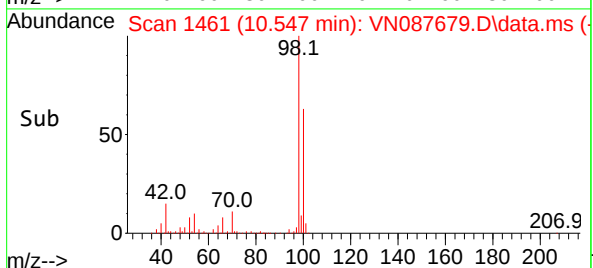
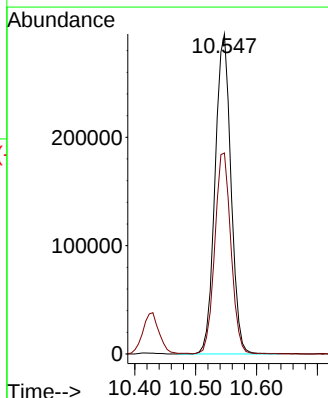
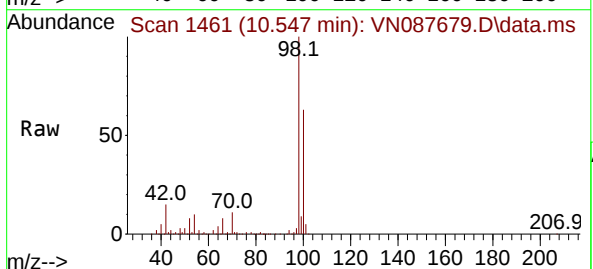
RT: 10.547 min Scan# 1461

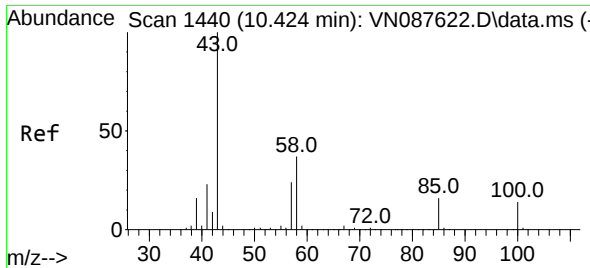
Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Tgt Ion:	98	Resp:	534236
Ion Ratio	Lower	Upper	
98	100		
100	63.7	52.8	79.2





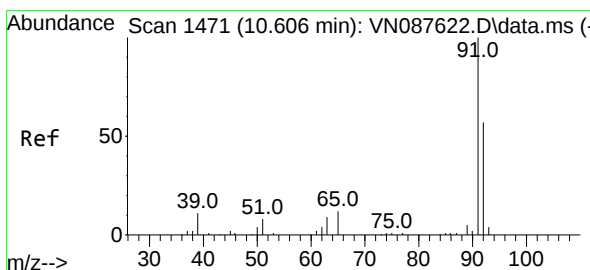
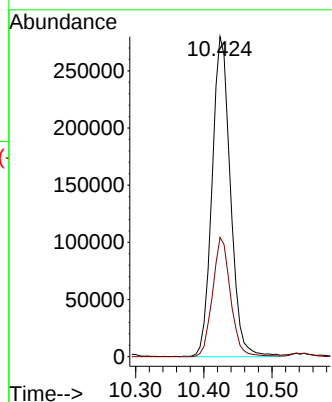
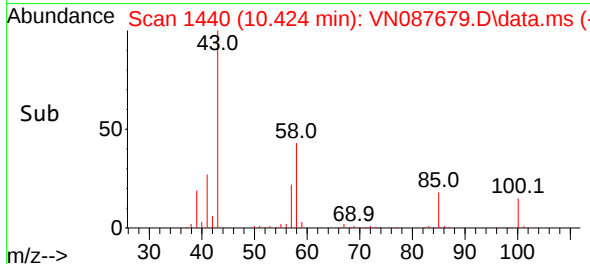
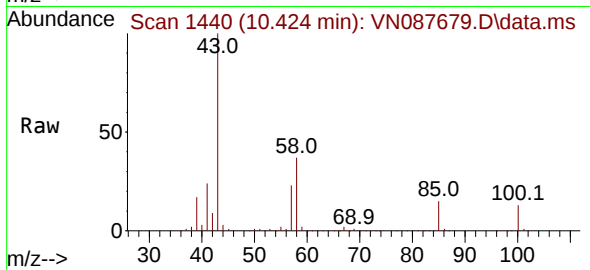
#51
4-Methyl-2-Pentanone
Concen: 90.277 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01

Tgt Ion: 43 Resp: 526009
Ion Ratio Lower Upper
43 100
58 36.4 29.6 44.4

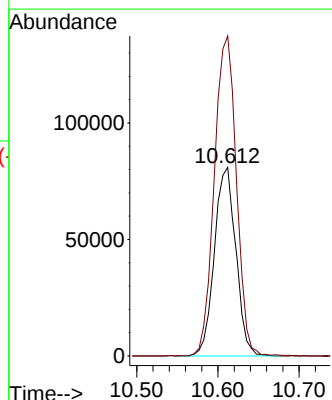
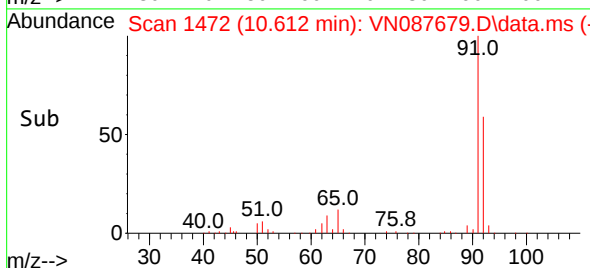
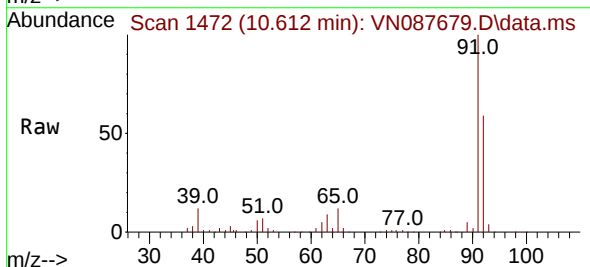
Manual Integrations
APPROVED

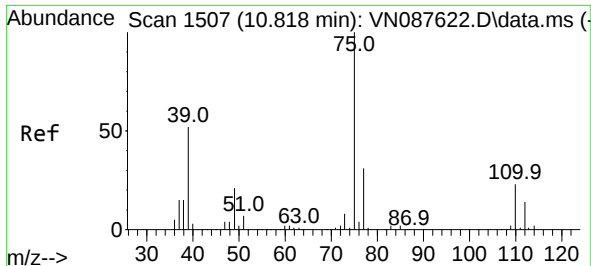
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#52
Toluene
Concen: 17.307 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

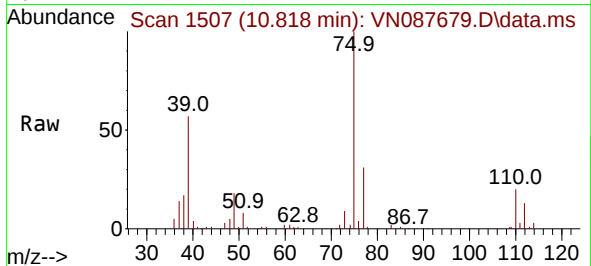
Tgt Ion: 92 Resp: 148967
Ion Ratio Lower Upper
92 100
91 174.5 140.4 210.6





#53
 t-1,3-Dichloropropene
 Concen: 17.895 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. 0.000 min
 Lab File: VN087679.D
 Acq: 28 Aug 2025 12:50

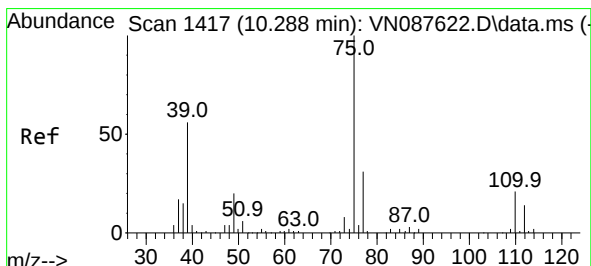
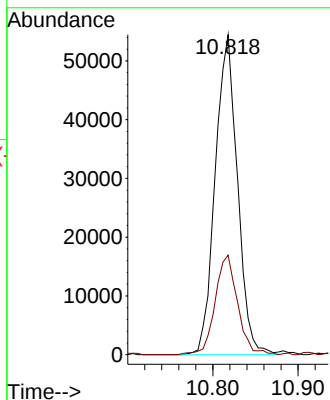
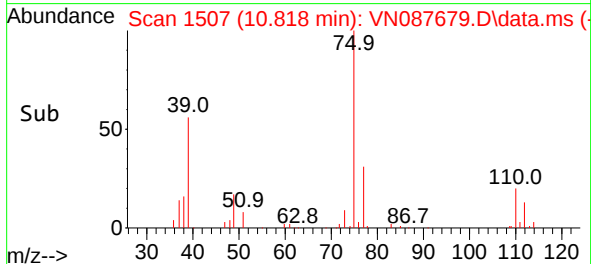
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBS01



Tgt Ion: 75 Resp: 98864
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8

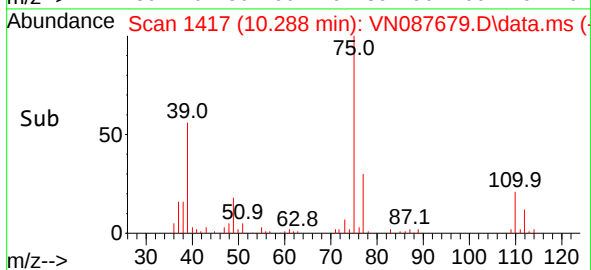
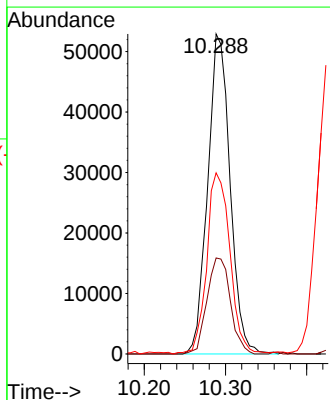
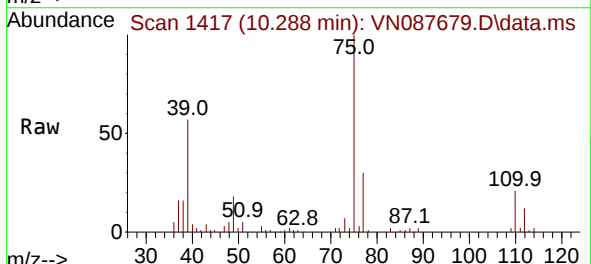
Manual Integrations
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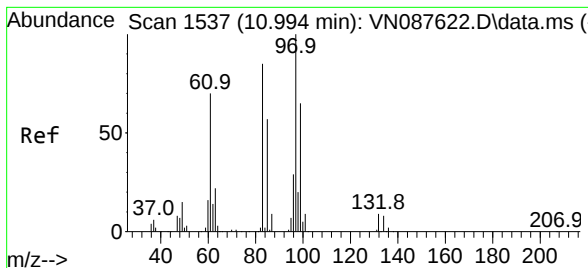
Reviewed By :John Carlone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025



#54
 cis-1,3-Dichloropropene
 Concen: 17.669 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VN087679.D
 Acq: 28 Aug 2025 12:50

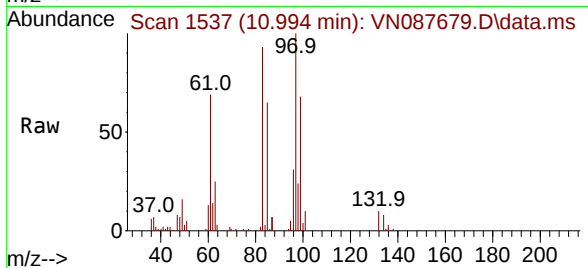
Tgt Ion: 75 Resp: 101355
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.6 37.0
 39 56.2 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 17.943 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

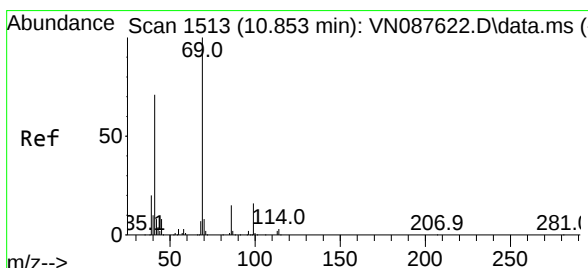
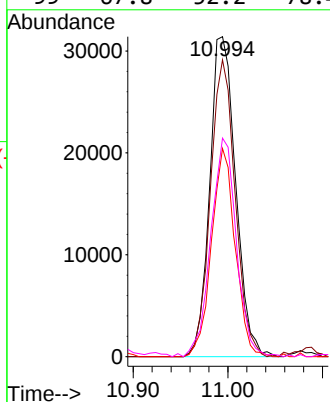
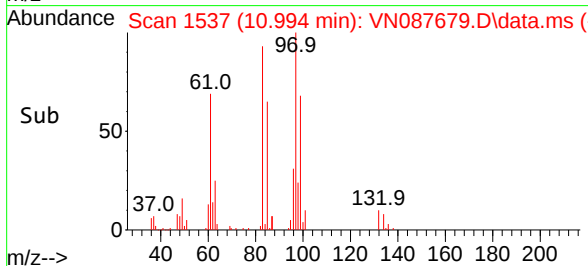
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



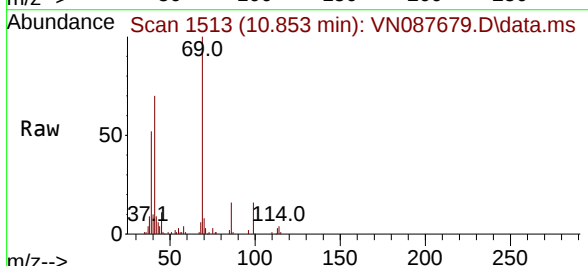
Tgt Ion:	97	Resp:	5974
Ion	Ratio	Lower	Upper
97	100		
83	92.7	68.2	102.4
85	65.1	45.5	68.3
99	67.8	52.2	78.4

Manual Integrations
APPROVED

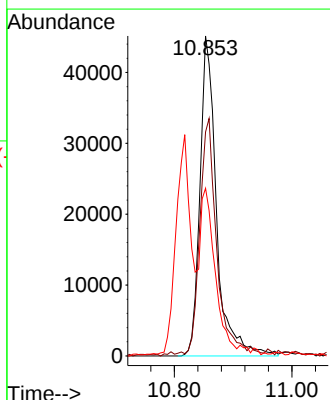
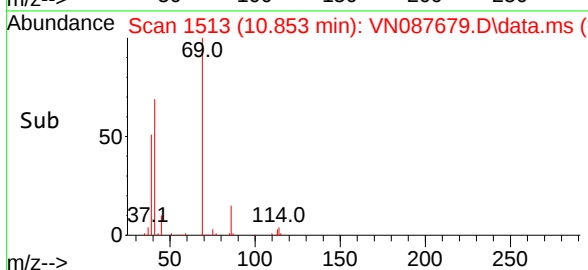
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#56
Ethyl methacrylate
Concen: 16.677 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



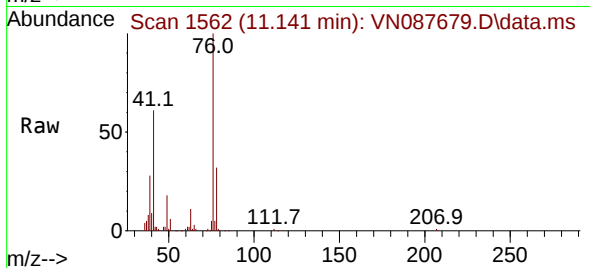
Tgt Ion:	69	Resp:	88739
Ion	Ratio	Lower	Upper
69	100		
41	74.2	56.5	84.7
39	45.5	34.2	51.4





#57
1,3-Dichloropropane
Concen: 18.133 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

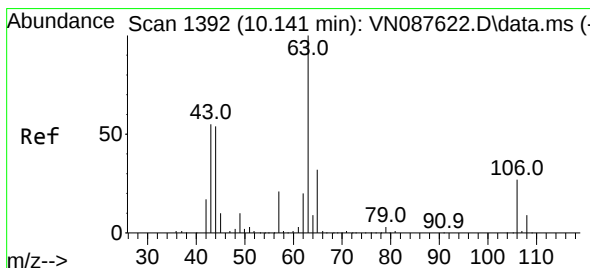
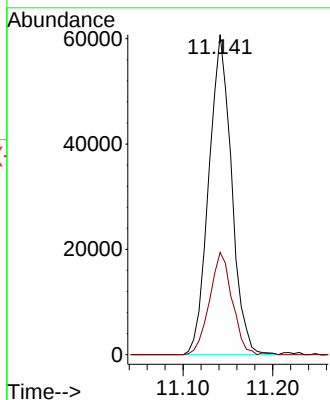
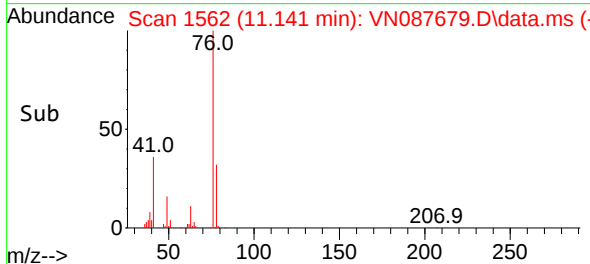
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 76 Resp: 10685
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4

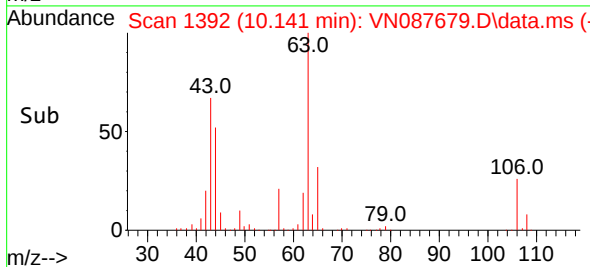
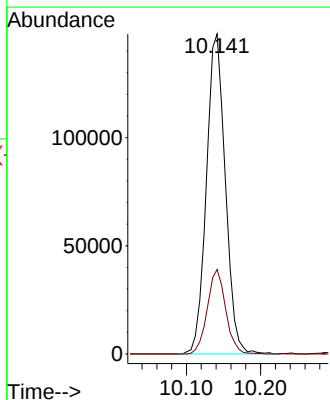
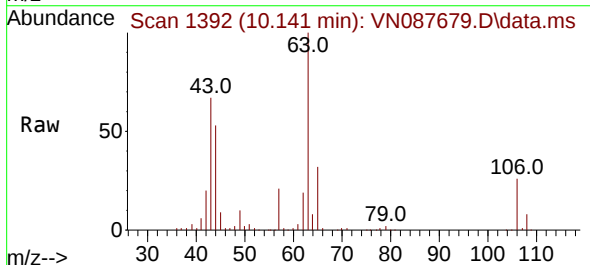
Manual Integrations
APPROVED

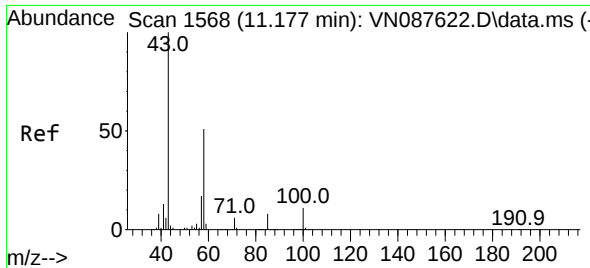
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 91.096 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

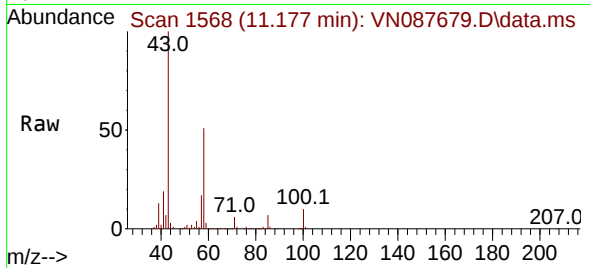
Tgt Ion: 63 Resp: 262365
Ion Ratio Lower Upper
63 100
106 25.6 21.1 31.7





#59
2-Hexanone
Concen: 92.315 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

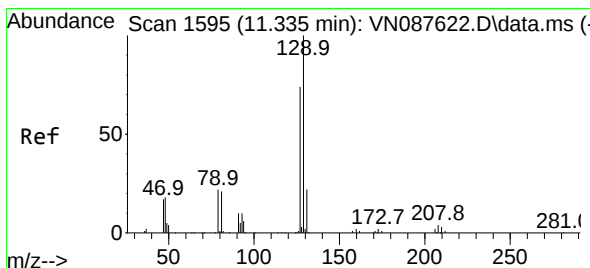
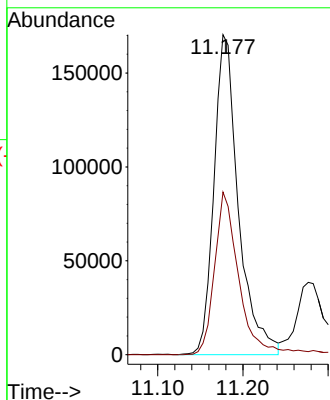
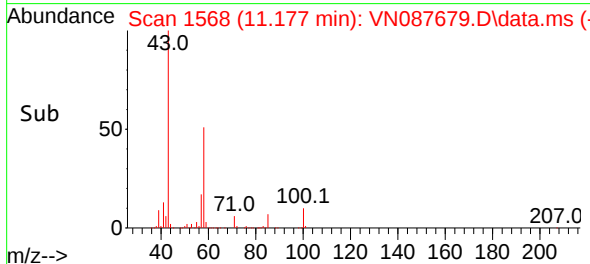
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



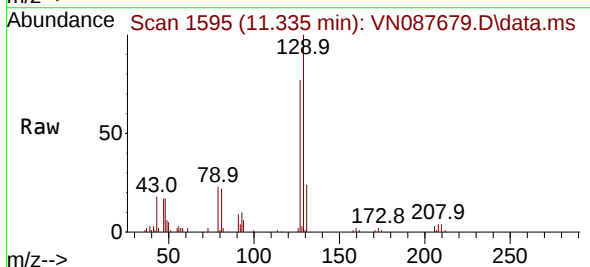
Tgt Ion: 43 Resp: 33994
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8

Manual Integrations
APPROVED

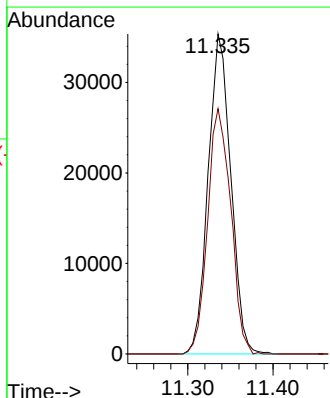
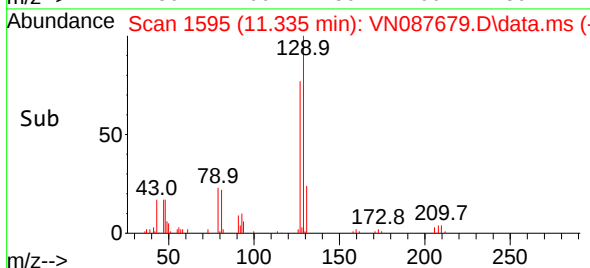
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

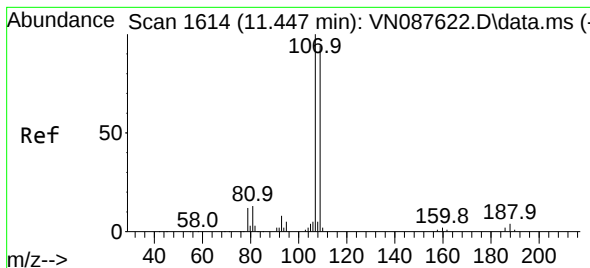


#60
Dibromochloromethane
Concen: 16.910 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



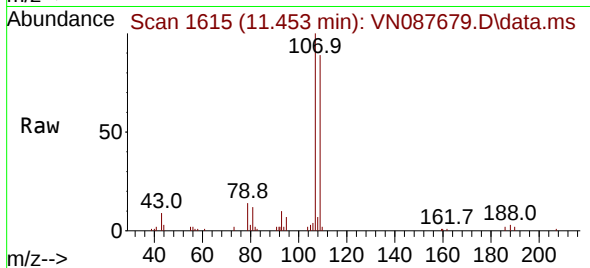
Tgt Ion:129 Resp: 65239
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3





#61
1,2-Dibromoethane
Concen: 17.888 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

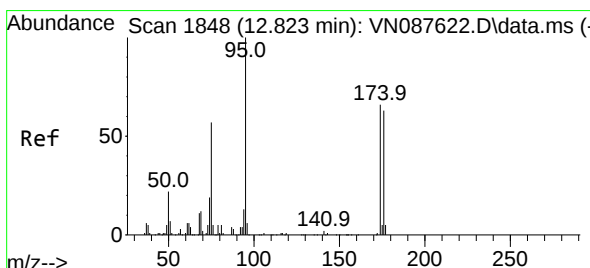
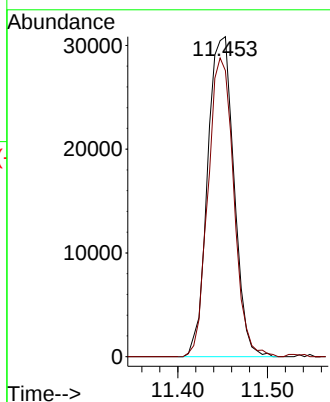
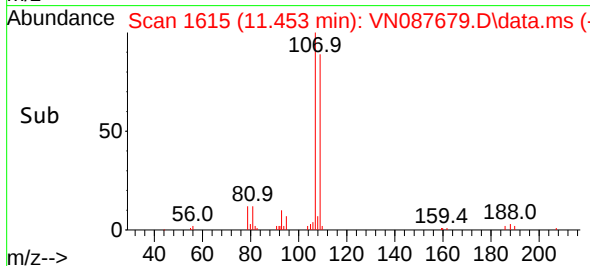
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion:107 Resp: 6280
Ion Ratio Lower Upper
107 100
109 91.2 74.7 112.1

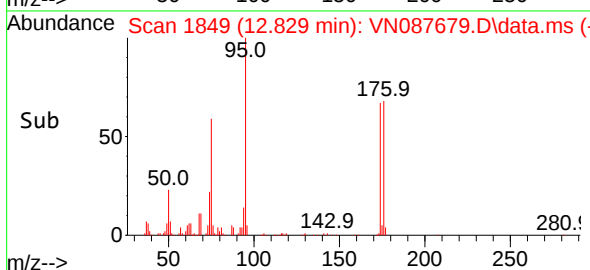
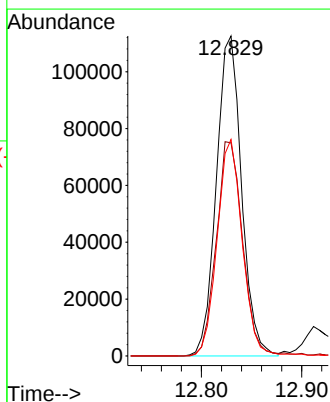
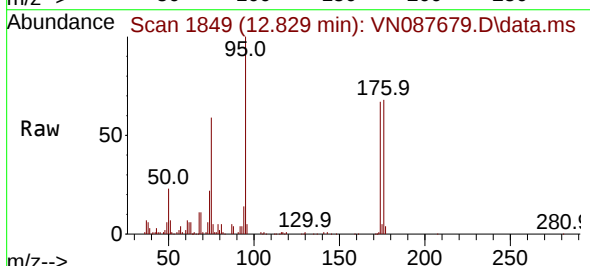
Manual Integrations
APPROVED

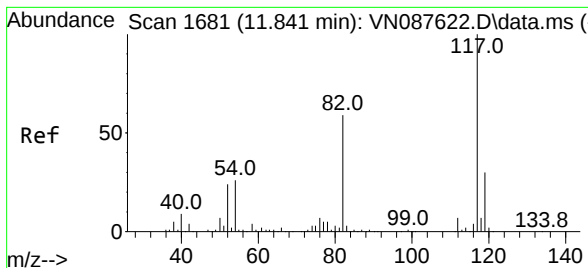
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#62
4-Bromofluorobenzene
Concen: 49.929 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

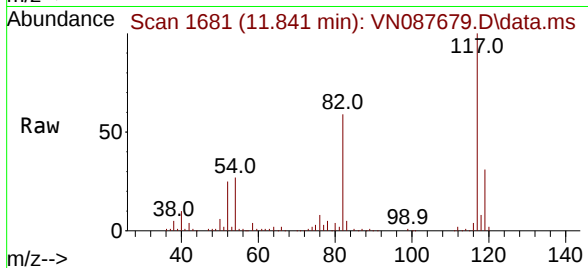
Tgt Ion: 95 Resp: 196094
Ion Ratio Lower Upper
95 100
174 70.4 0.0 138.4
176 67.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

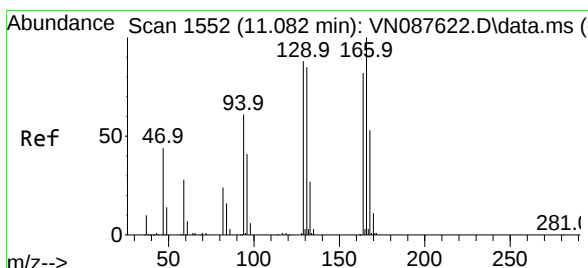
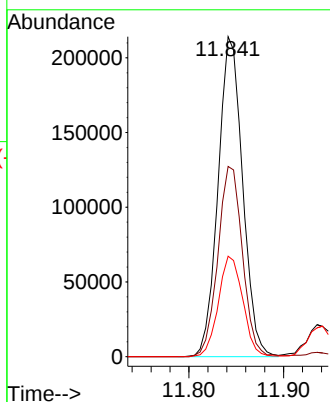
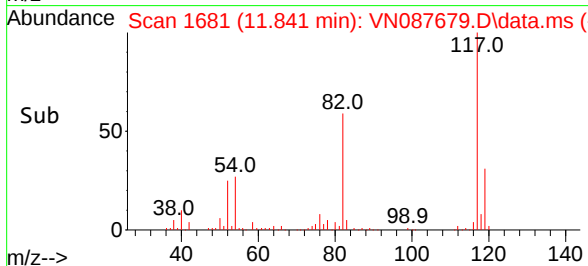
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



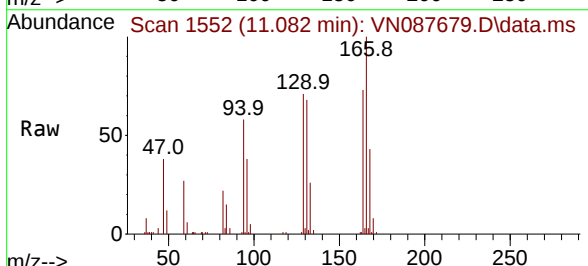
Tgt Ion:117 Resp: 385379
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.4 24.3 36.5

Manual Integrations
APPROVED

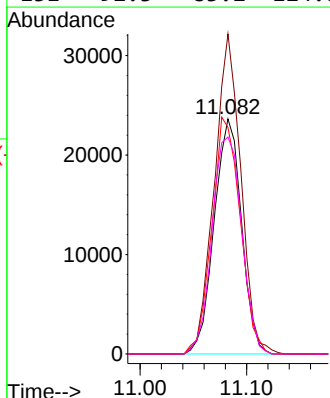
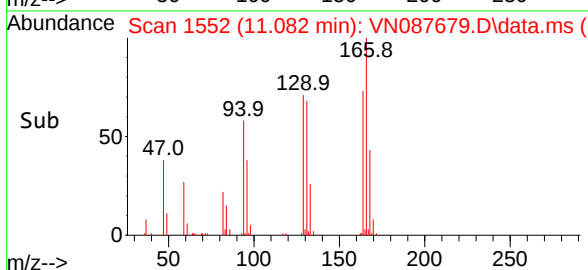
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

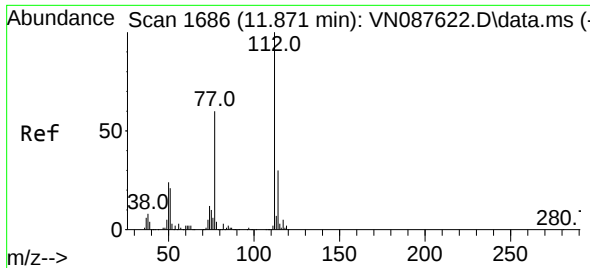


#64
Tetrachloroethene
Concen: 15.726 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



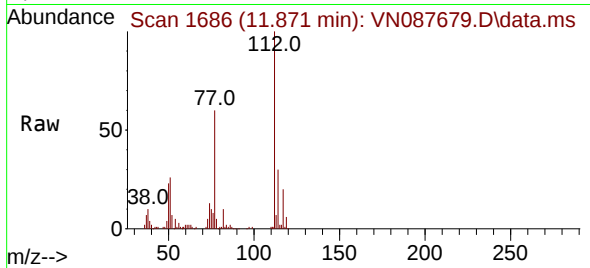
Tgt Ion:164 Resp: 42046
Ion Ratio Lower Upper
164 100
166 136.2 97.7 146.5
129 96.4 85.9 128.9
131 92.3 83.2 124.8





#65
Chlorobenzene
Concen: 17.195 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

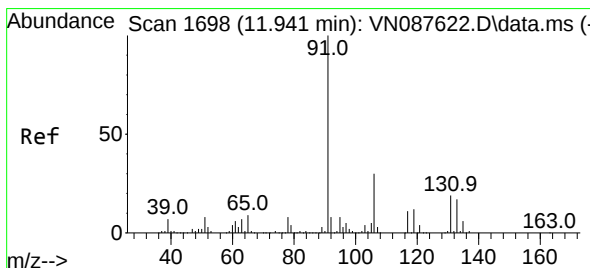
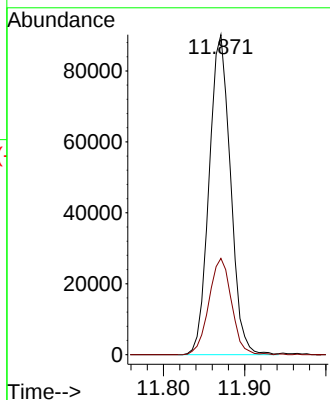
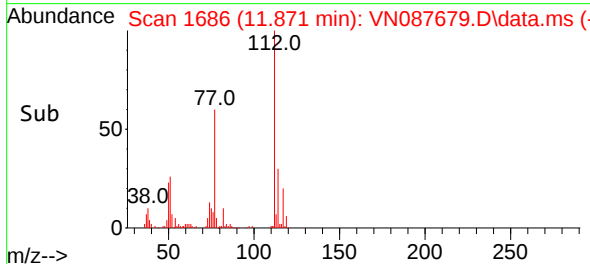
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



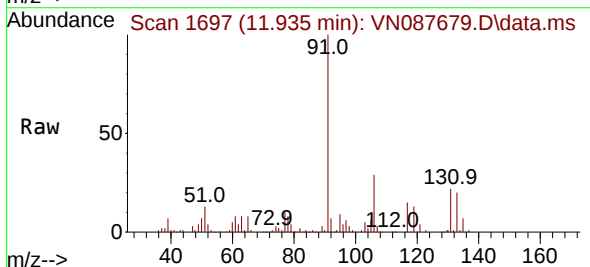
Tgt Ion:112 Resp: 164859
Ion Ratio Lower Upper
112 100
114 30.1 24.3 36.5

Manual Integrations
APPROVED

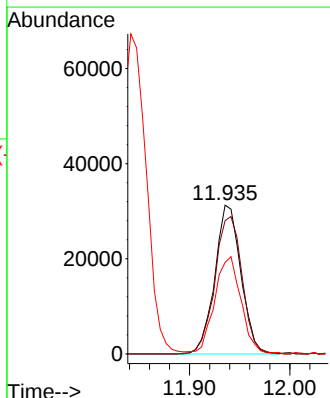
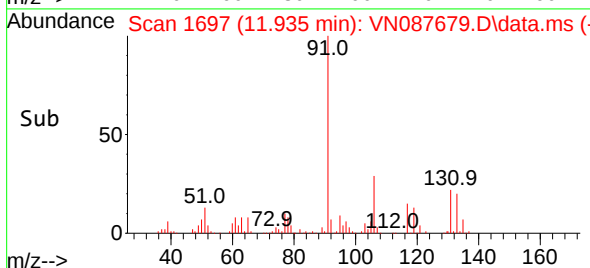
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

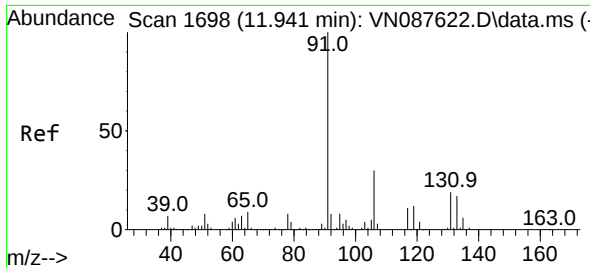


#66
1,1,1,2-Tetrachloroethane
Concen: 17.744 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



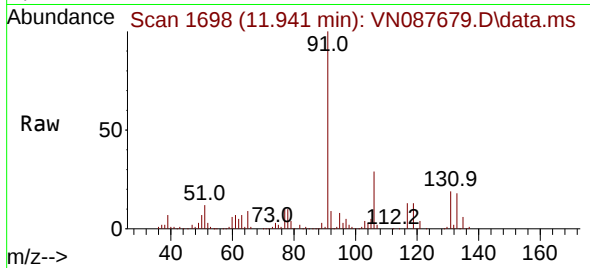
Tgt Ion:131 Resp: 56478
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 66.6 32.6 97.7





#67
Ethyl Benzene
Concen: 16.740 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

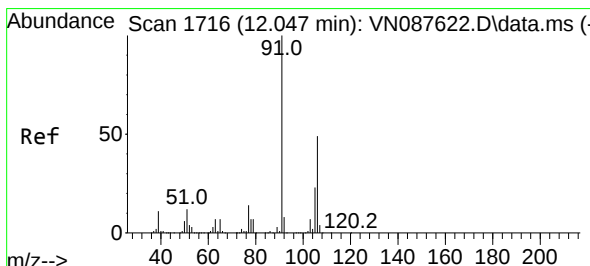
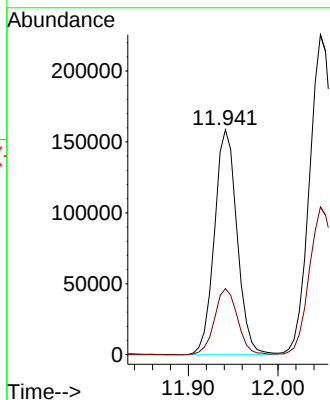
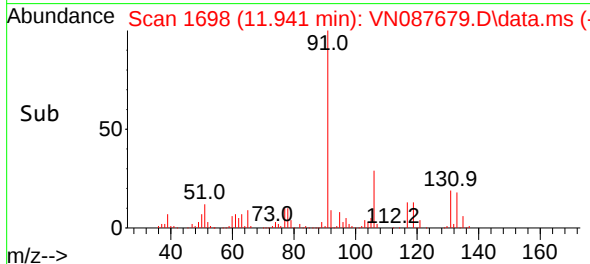
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 91 Resp: 277890
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1

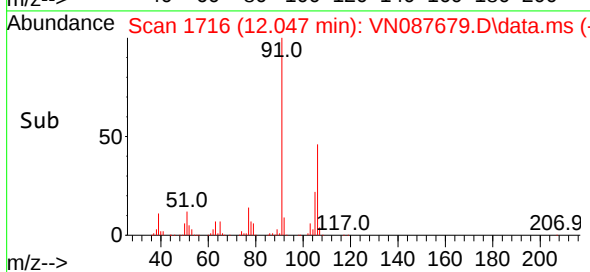
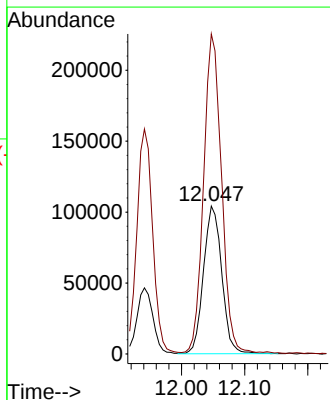
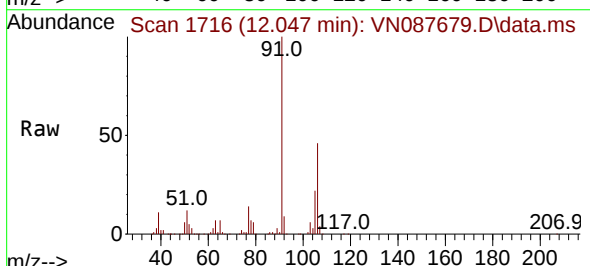
Manual Integrations
APPROVED

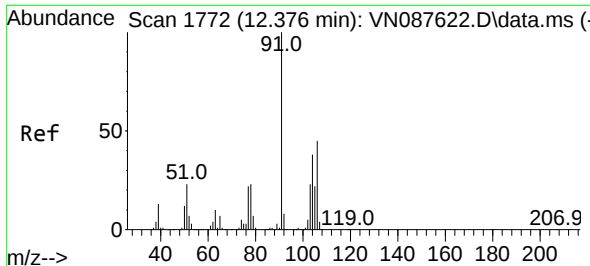
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#68
m/p-Xylenes
Concen: 34.373 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

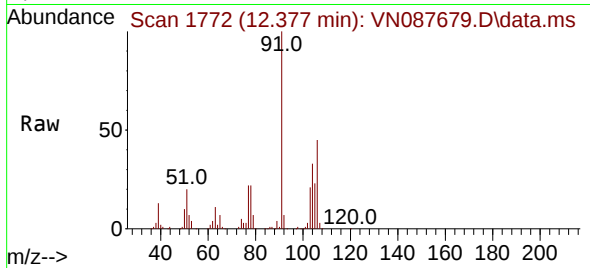
Tgt Ion:106 Resp: 209265
Ion Ratio Lower Upper
106 100
91 210.3 169.3 253.9





#69
o-Xylene
Concen: 16.637 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

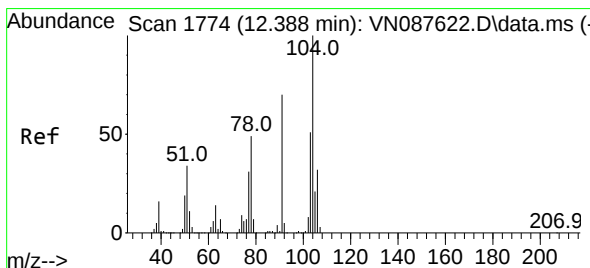
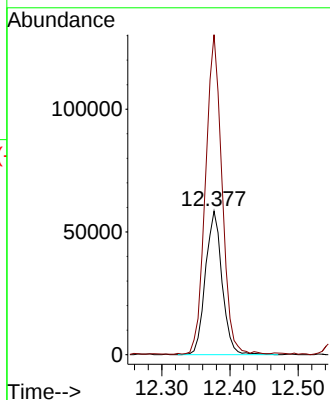
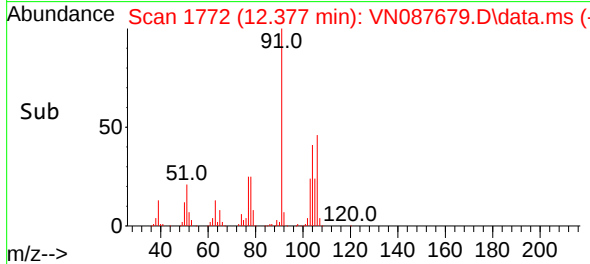
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion:106 Resp: 99262
Ion Ratio Lower Upper
106 100
91 220.3 111.4 334.2

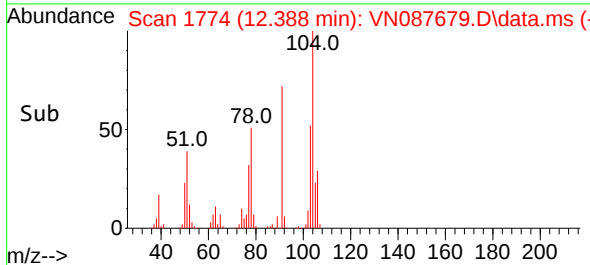
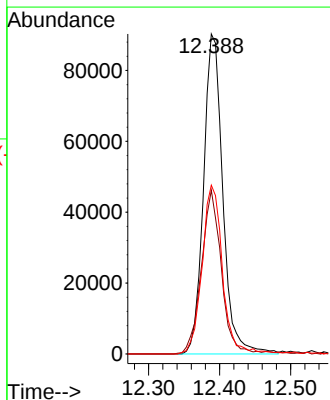
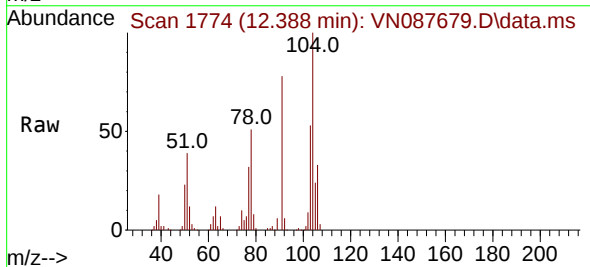
Manual Integrations
APPROVED

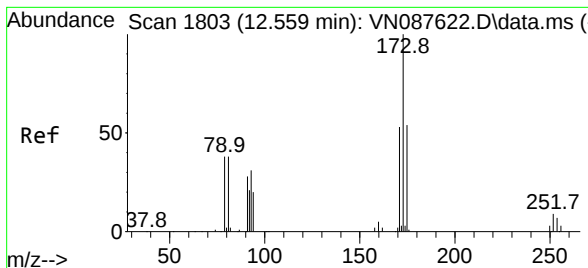
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#70
Styrene
Concen: 17.092 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

Tgt Ion:104 Resp: 170843
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.2
103 55.8 43.4 65.2





#71

Bromoform

Concen: 16.857 ug/l

RT: 12.553 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01

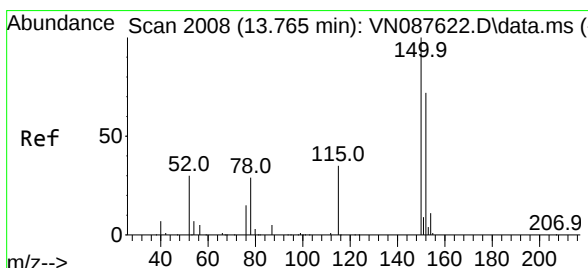
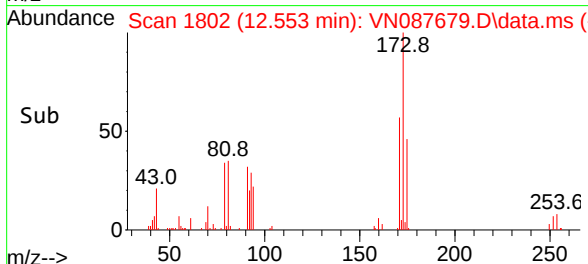
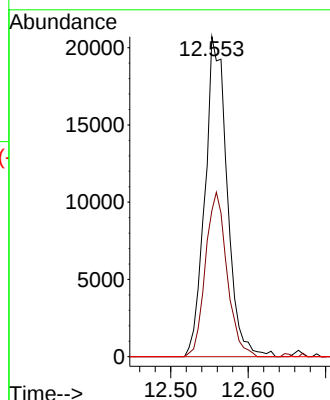
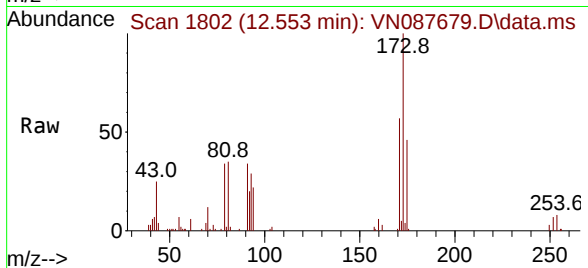
Tgt Ion:173 Resp: 41150
 Ion Ratio Lower Upper
 173 100
 175 49.9 24.9 74.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

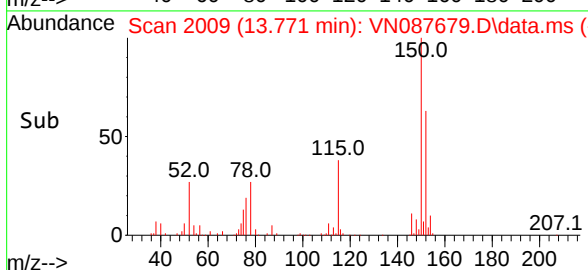
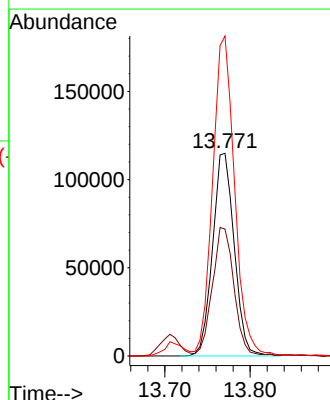
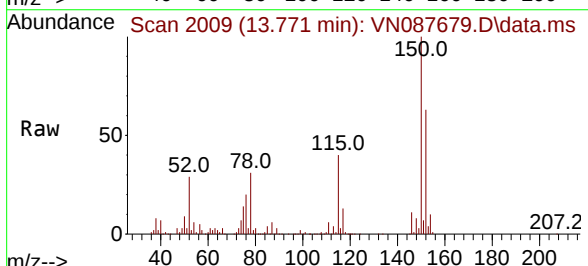
RT: 13.771 min Scan# 2009

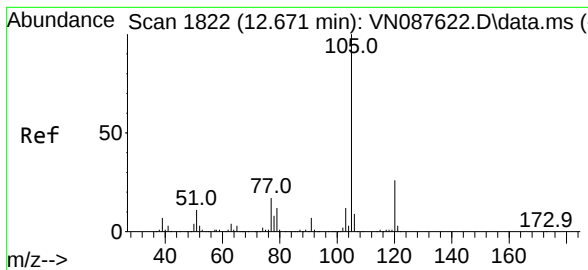
Delta R.T. 0.006 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

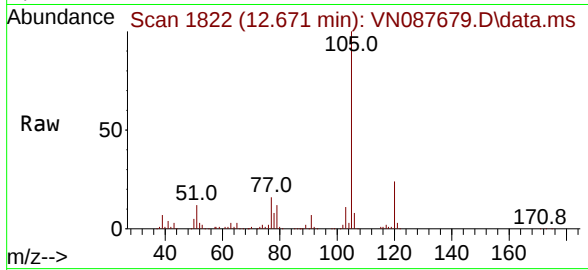
Tgt Ion:152 Resp: 202847
 Ion Ratio Lower Upper
 152 100
 115 62.6 32.3 96.8
 150 160.0 0.0 351.0





#73
Isopropylbenzene
Concen: 15.592 ug/l
RT: 12.671 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

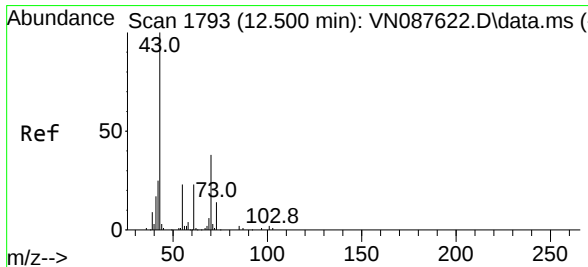
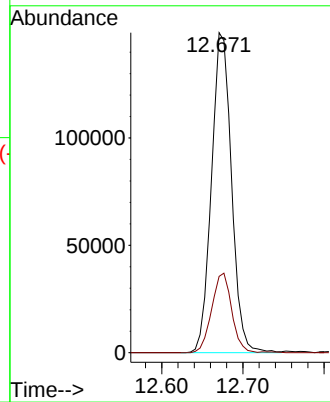
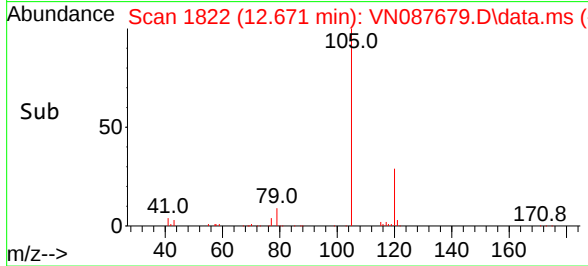
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion:105 Resp: 255570
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.3

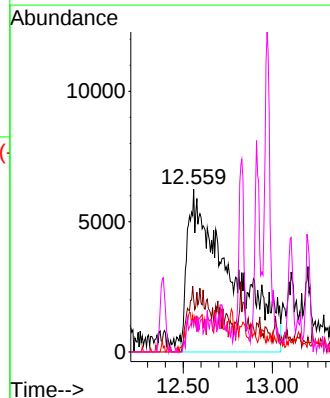
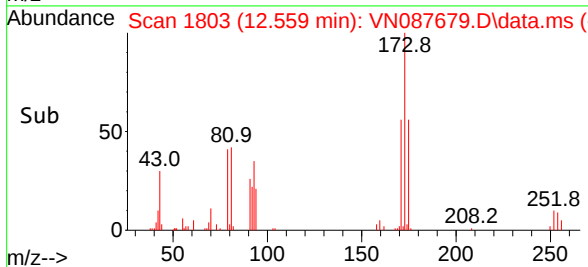
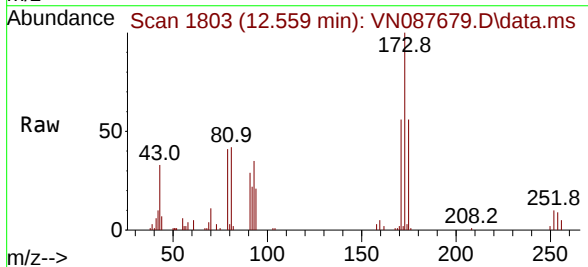
Manual Integrations
APPROVED

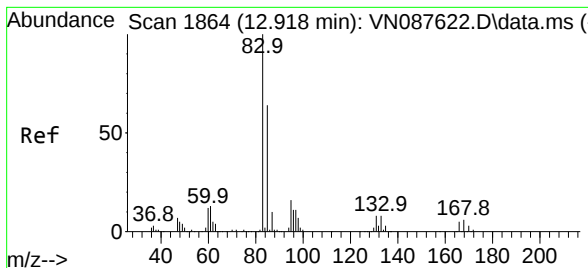
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#74
N-ethyl acetate
Concen: 16.817 ug/l m
RT: 12.559 min Scan# 1803
Delta R.T. 0.059 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

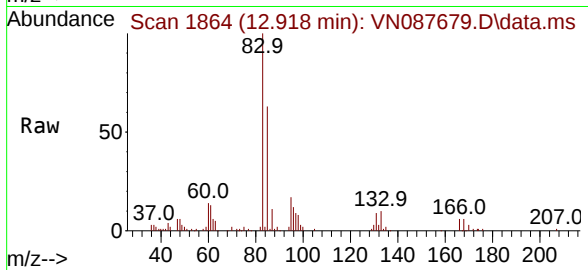
Tgt Ion: 43 Resp: 104465
Ion Ratio Lower Upper
43 100
70 6.4 27.6 41.4#
55 0.0 13.0 19.6#
61 0.4 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 16.901 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

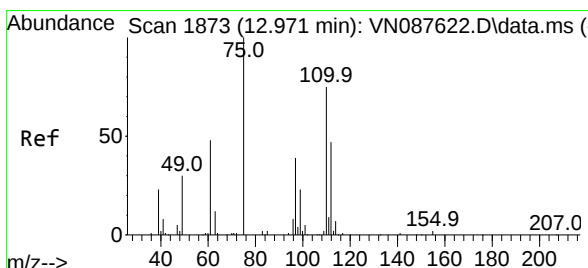
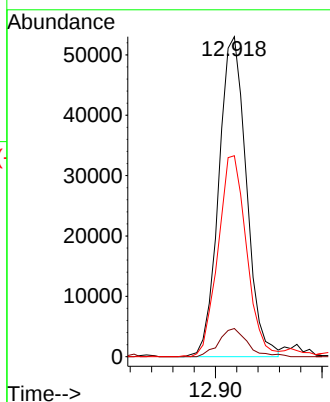
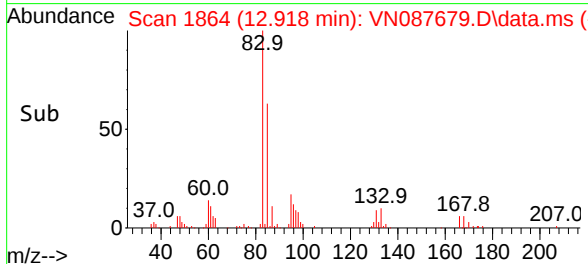
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



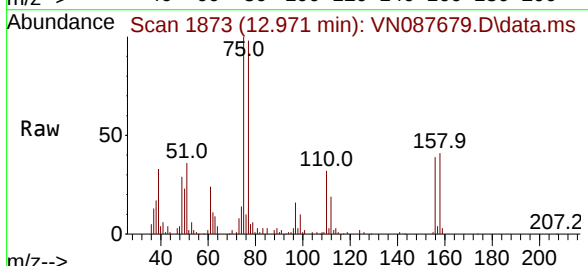
Tgt Ion: 83 Resp: 95378
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 64.8 32.1 96.3

Manual Integrations
APPROVED

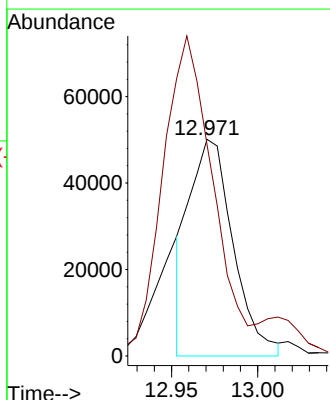
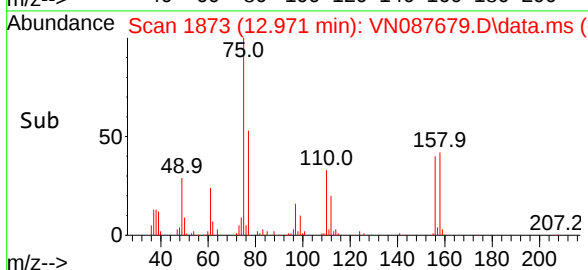
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

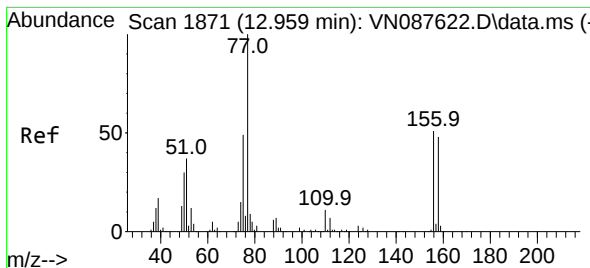


#76
1,2,3-Trichloropropane
Concen: 18.689 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



Tgt Ion: 75 Resp: 88902
Ion Ratio Lower Upper
75 100
77 171.1 89.1 267.4





#77

Bromobenzene

Concen: 15.622 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01

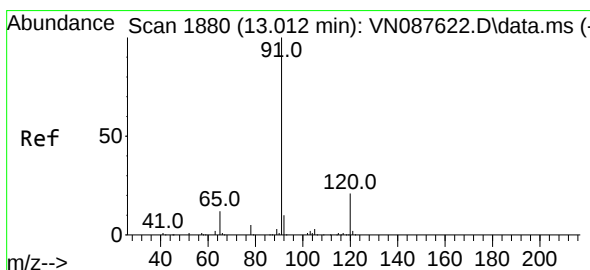
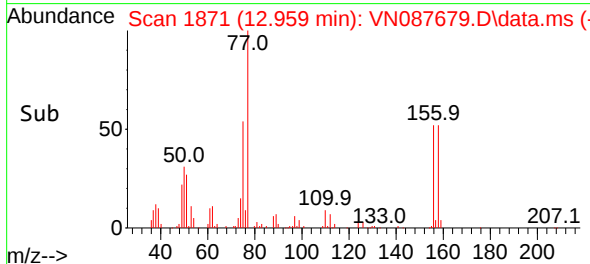
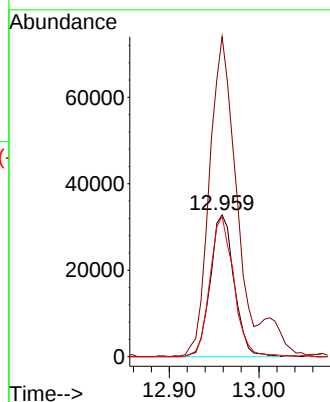
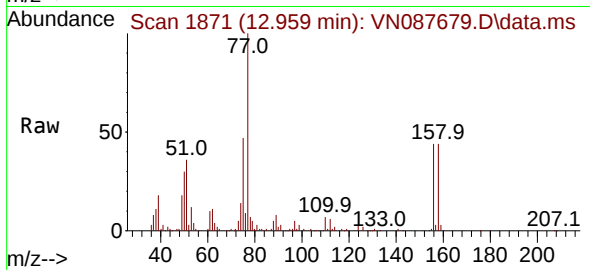
Tgt Ion:	156	Resp:	60374
Ion Ratio	Lower	Upper	
156	100		
77	252.0	119.3	358.0
158	99.2	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#78

n-propylbenzene

Concen: 15.980 ug/l

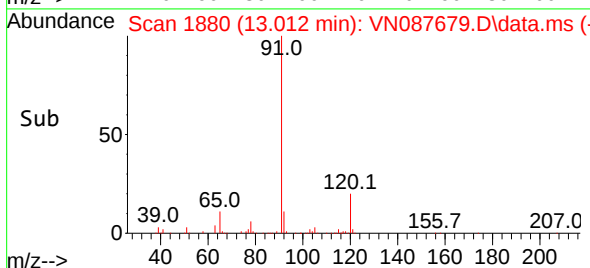
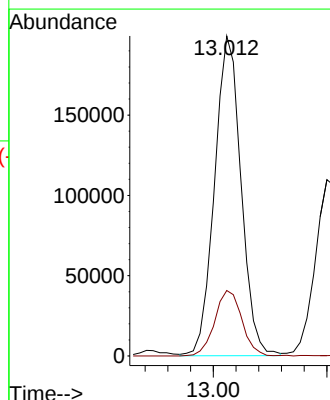
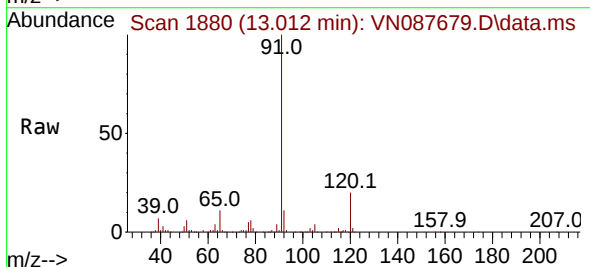
RT: 13.012 min Scan# 1880

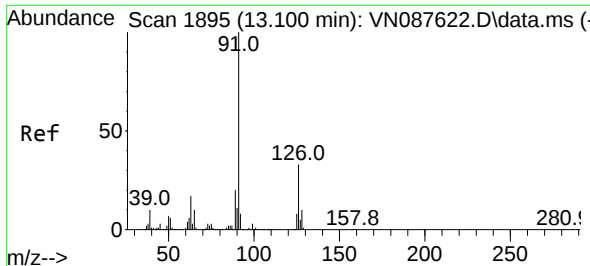
Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

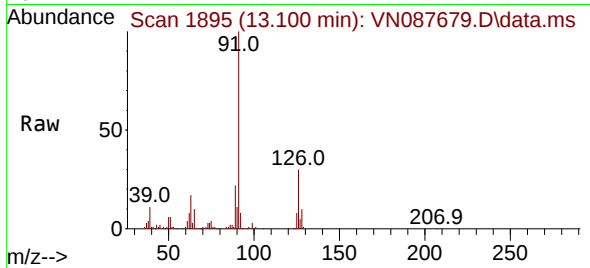
Tgt Ion:	91	Resp:	322643
Ion Ratio	Lower	Upper	
91	100		
120	21.0	10.7	32.1





#79
2-Chlorotoluene
Concen: 16.152 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

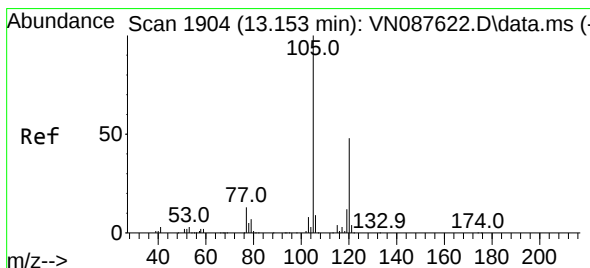
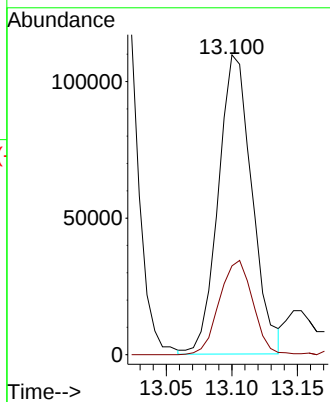
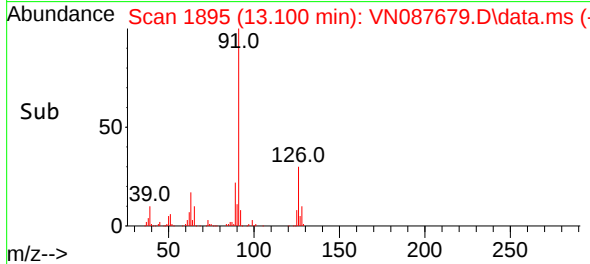
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



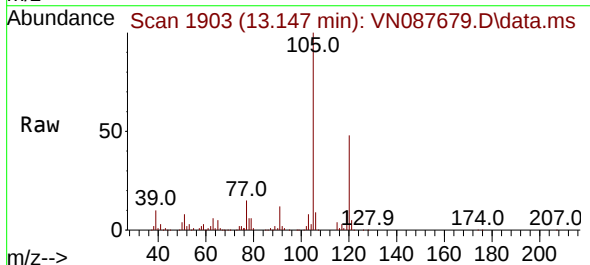
Tgt Ion: 91 Resp: 196248
Ion Ratio Lower Upper
91 100
126 31.3 16.1 48.3

Manual Integrations
APPROVED

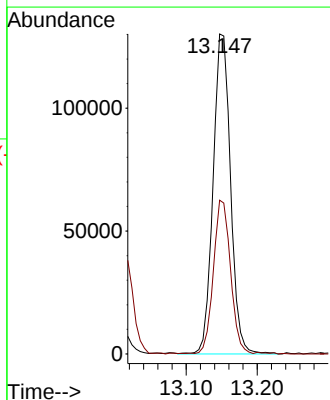
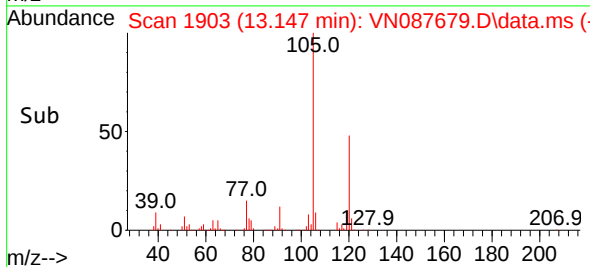
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

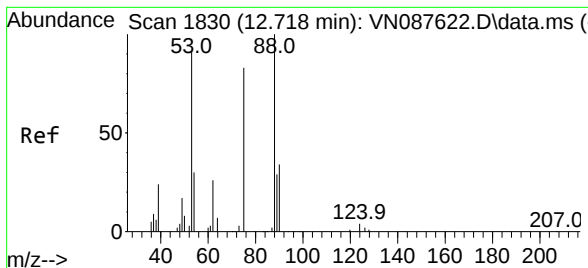


#80
1,3,5-Trimethylbenzene
Concen: 15.949 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



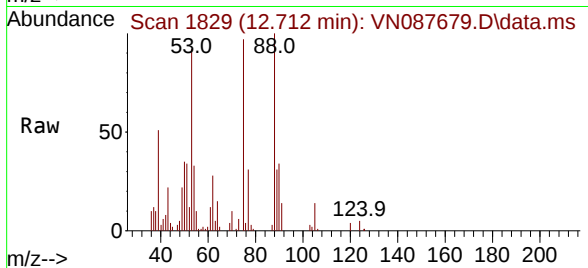
Tgt Ion:105 Resp: 221775
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 14.831 ug/l
RT: 12.712 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

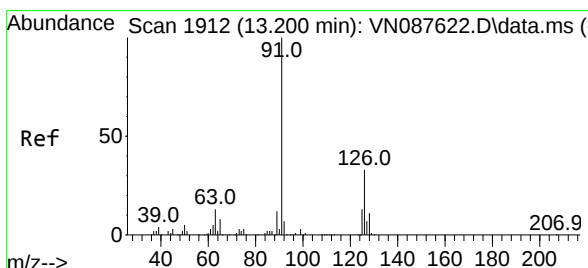
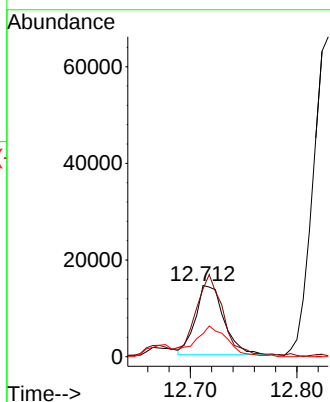
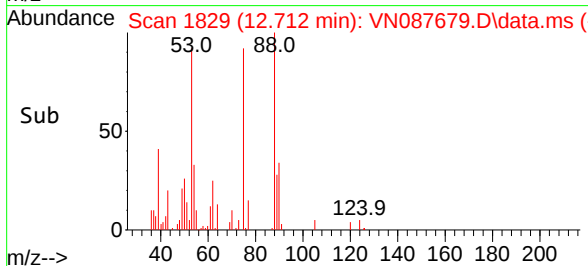
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



Tgt Ion: 75 Resp: 26648
Ion Ratio Lower Upper
75 100
53 117.7 101.8 152.6
89 49.8 35.6 53.4

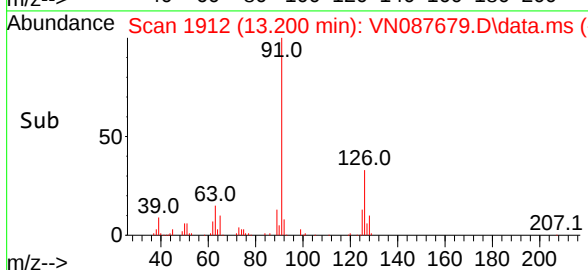
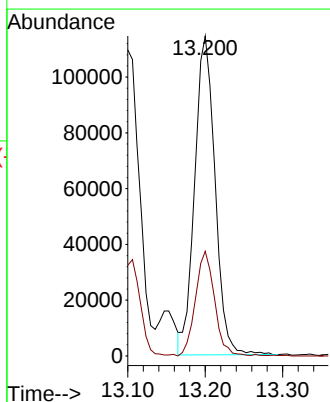
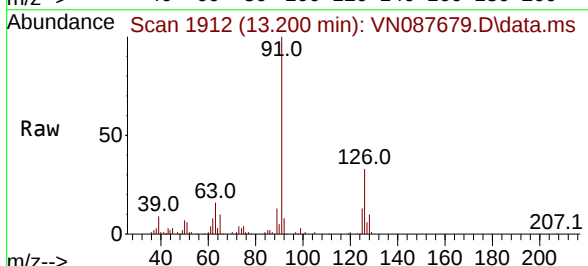
Manual Integrations
APPROVED

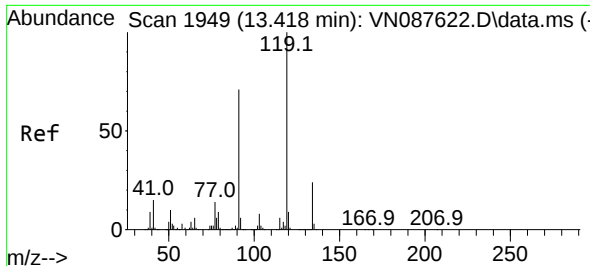
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#82
4-Chlorotoluene
Concen: 16.337 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

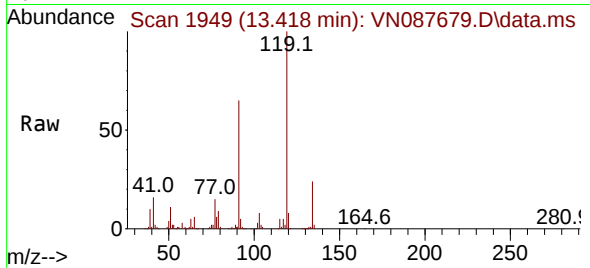
Tgt Ion: 91 Resp: 208693
Ion Ratio Lower Upper
91 100
126 30.5 15.6 46.8





#83
tert-Butylbenzene
Concen: 16.321 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

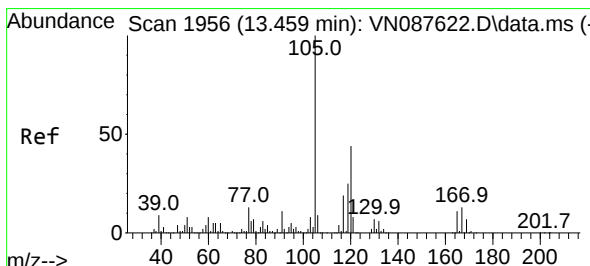
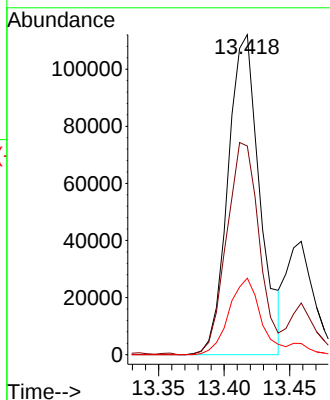
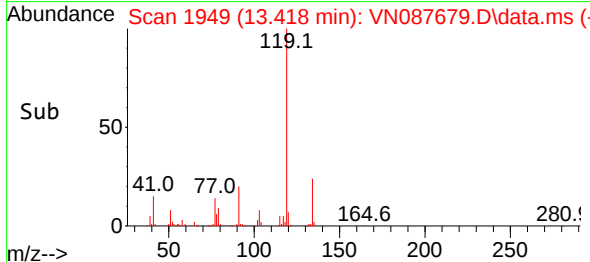
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01



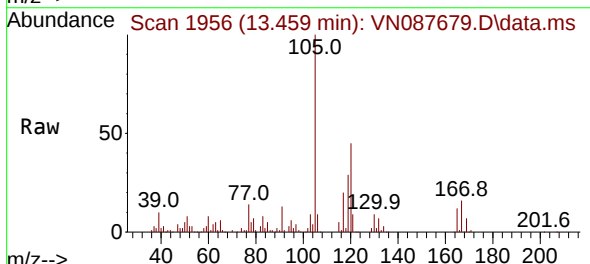
Tgt Ion:119 Resp: 189117
Ion Ratio Lower Upper
119 100
91 68.0 35.0 105.0
134 23.9 12.6 37.8

Manual Integrations
APPROVED

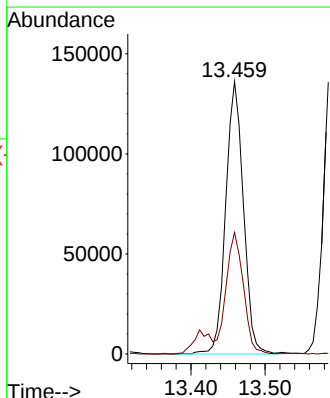
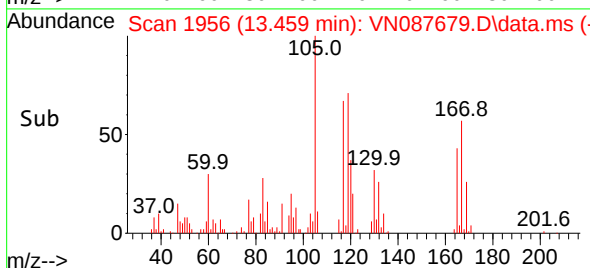
Reviewed By :John Carbone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

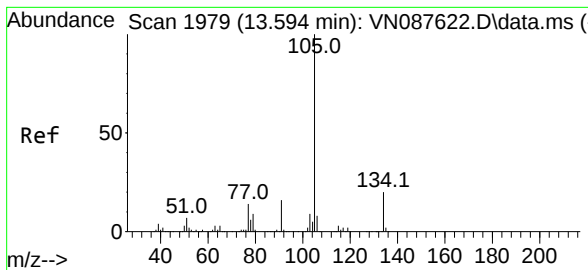


#84
1,2,4-Trimethylbenzene
Concen: 16.232 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50



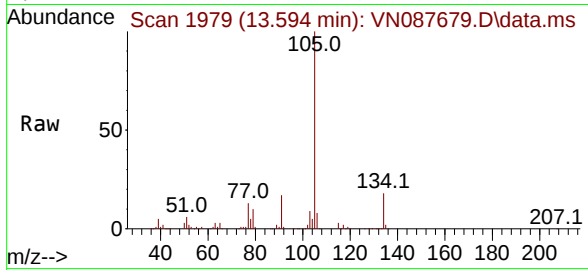
Tgt Ion:105 Resp: 225943
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 16.044 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087679.D
 Acq: 28 Aug 2025 12:50

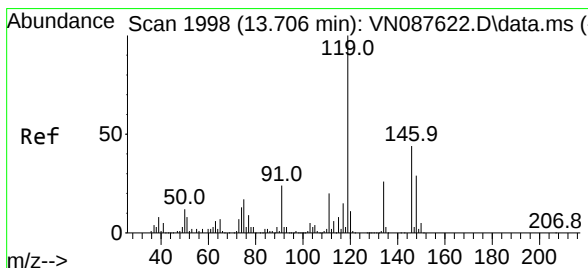
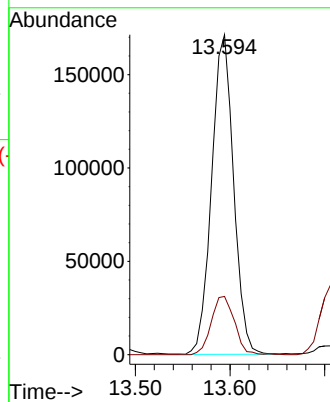
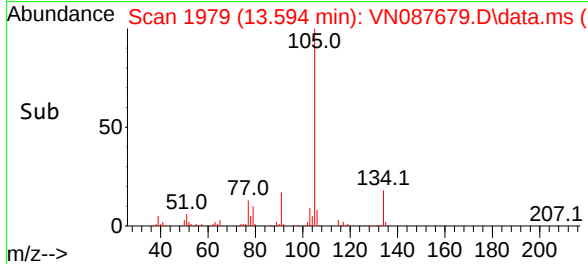
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBS01



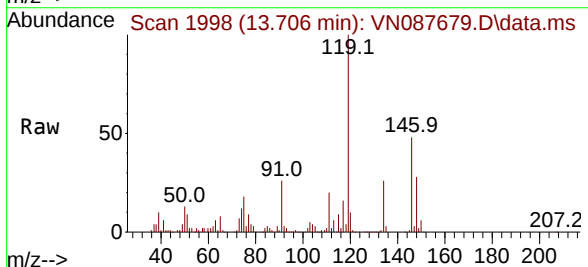
Tgt Ion:105 Resp: 275879
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

Manual Integrations
 APPROVED

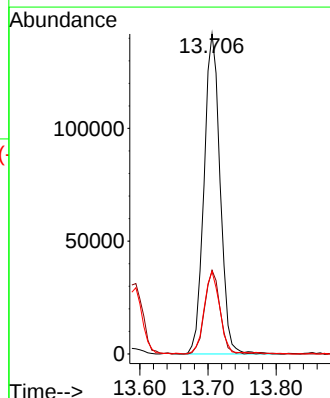
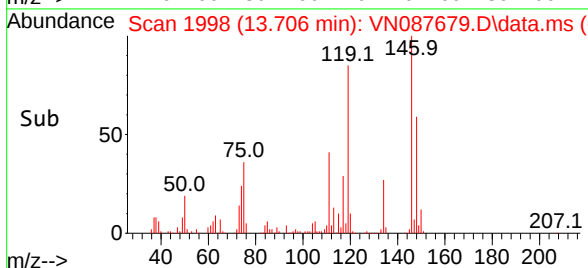
Reviewed By :John Carbone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025

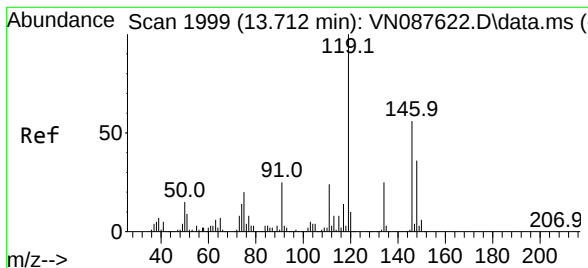


#86
 p-Isopropyltoluene
 Concen: 16.396 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087679.D
 Acq: 28 Aug 2025 12:50



Tgt Ion:119 Resp: 232809
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.0
 91 24.9 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 16.192 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01

Tgt Ion:146 Resp: 123239

Ion Ratio Lower Upper

146 100

111 42.3 22.1 66.5

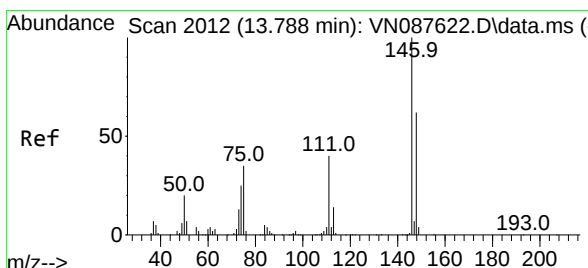
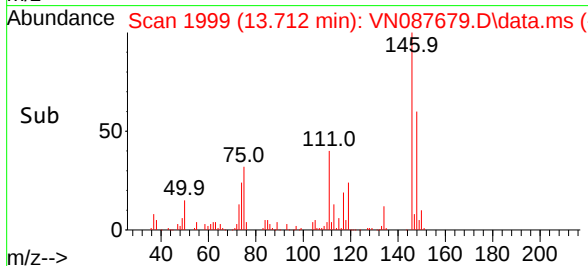
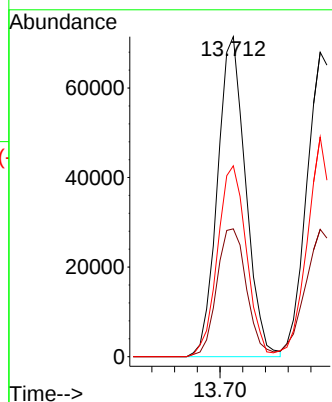
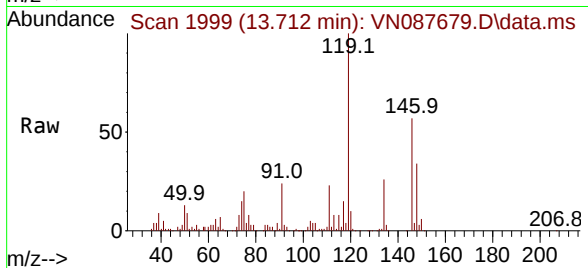
148 61.2 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#88

1,4-Dichlorobenzene

Concen: 15.635 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

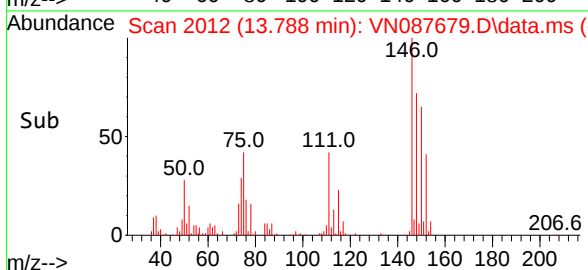
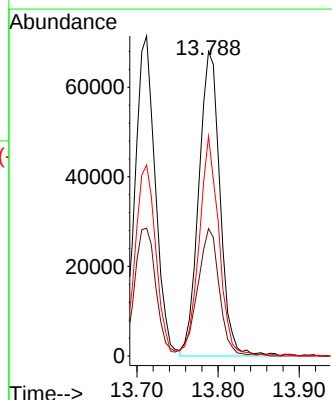
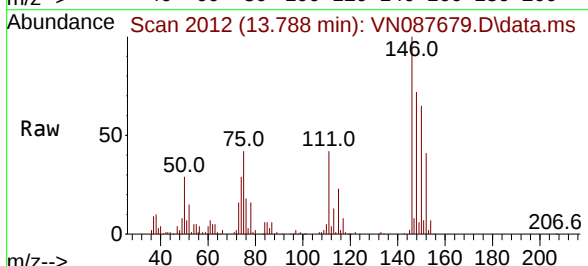
Tgt Ion:146 Resp: 123833

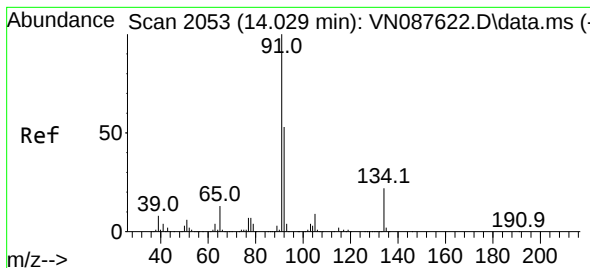
Ion Ratio Lower Upper

146 100

111 42.9 21.0 63.0

148 66.2 32.0 96.0





#89

n-Butylbenzene

Concen: 16.085 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01

Tgt Ion: 91 Resp: 22683

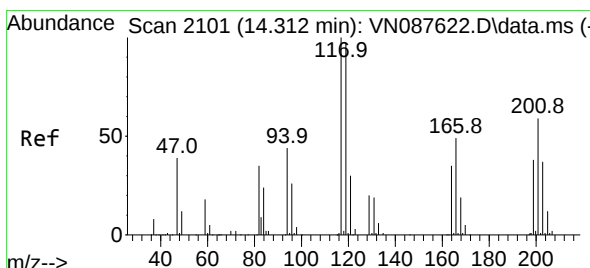
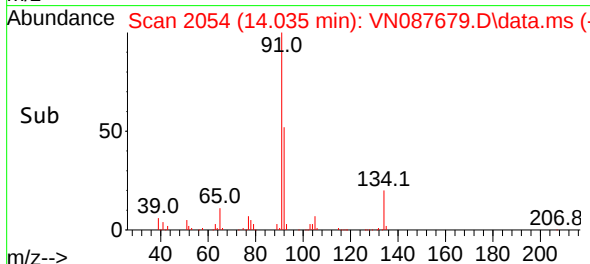
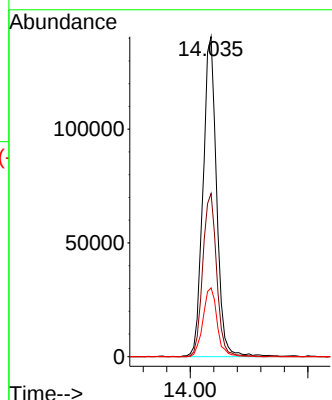
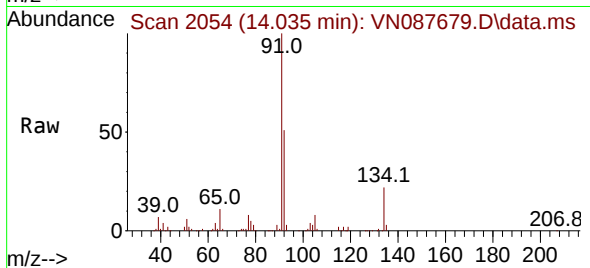
Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.8
134	22.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#90

Hexachloroethane

Concen: 17.077 ug/l

RT: 14.306 min Scan# 2100

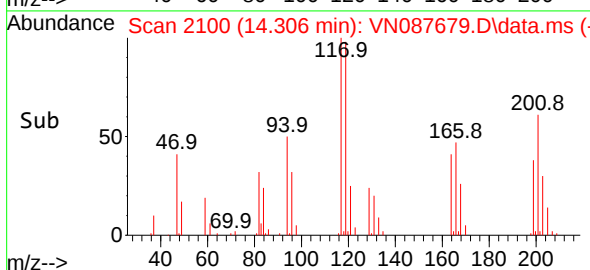
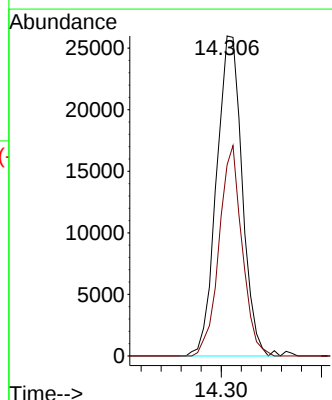
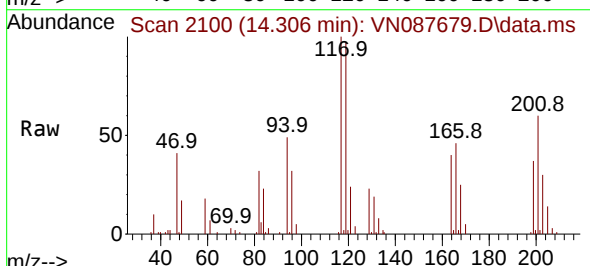
Delta R.T. -0.006 min

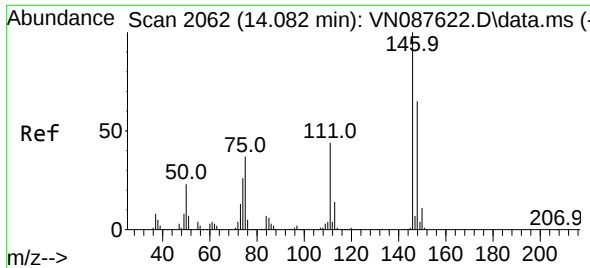
Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Tgt Ion:117 Resp: 46197

Ion	Ratio	Lower	Upper
117	100		
201	59.0	29.1	87.4





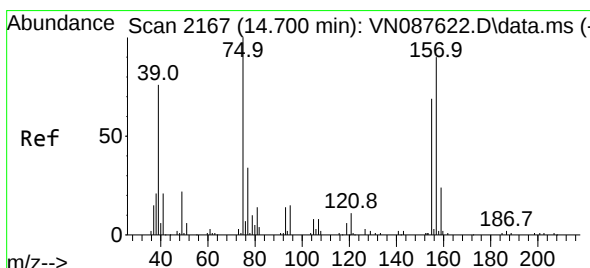
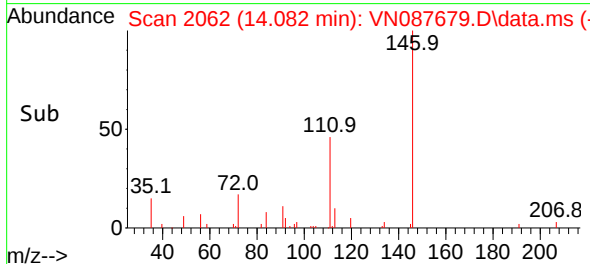
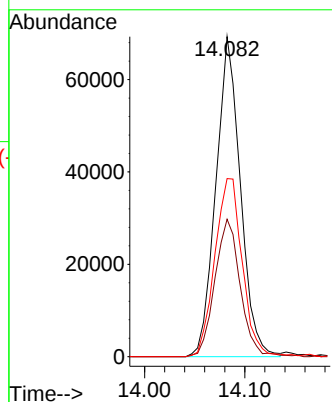
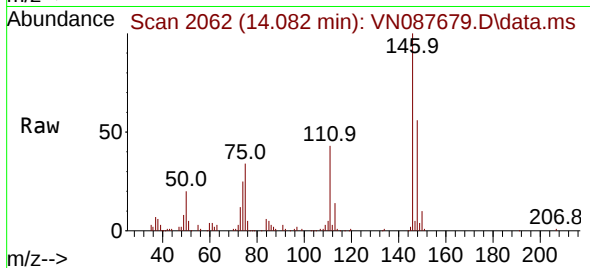
#91
1,2-Dichlorobenzene
Concen: 16.292 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBS01

Tgt Ion:146 Resp: 11763
Ion Ratio Lower Upper
146 100
111 44.6 22.6 67.8
148 62.4 31.9 95.9

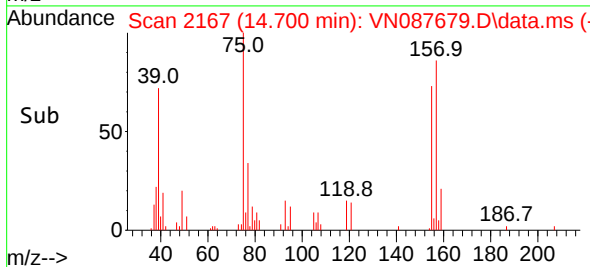
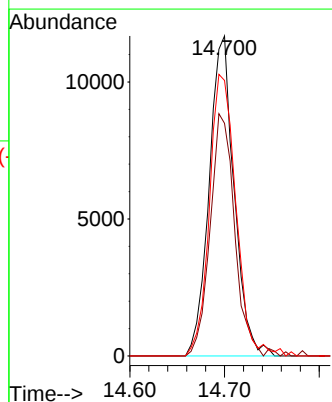
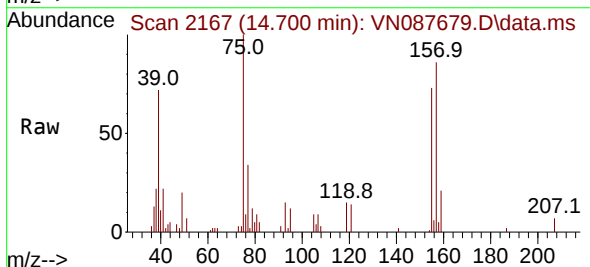
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.953 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087679.D
Acq: 28 Aug 2025 12:50

Tgt Ion: 75 Resp: 21386
Ion Ratio Lower Upper
75 100
155 73.8 36.6 109.9
157 93.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 15.881 ug/l

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01

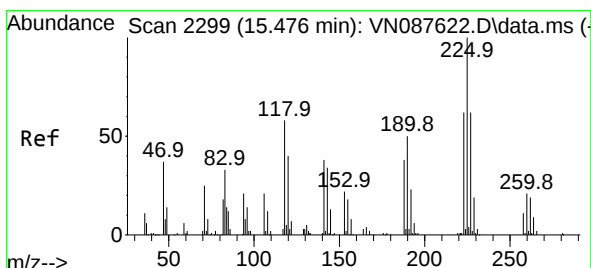
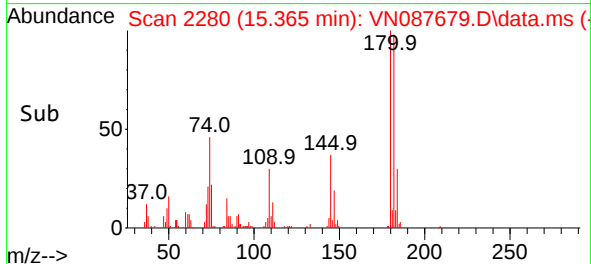
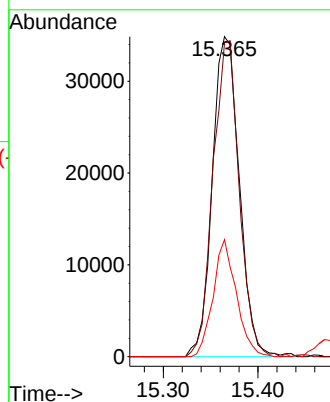
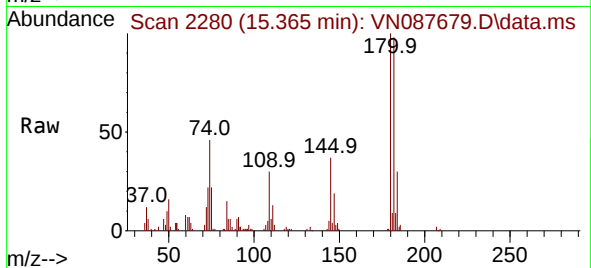
Tgt Ion:	180	Resp:	6885
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.6	142.9
145	31.7	16.5	49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#94

Hexachlorobutadiene

Concen: 16.251 ug/l

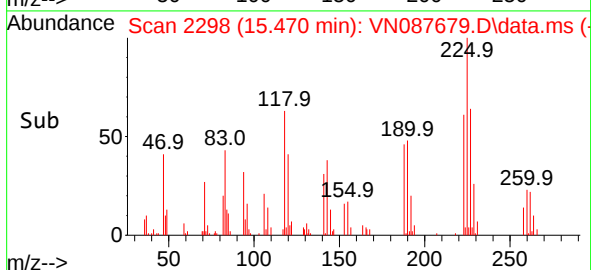
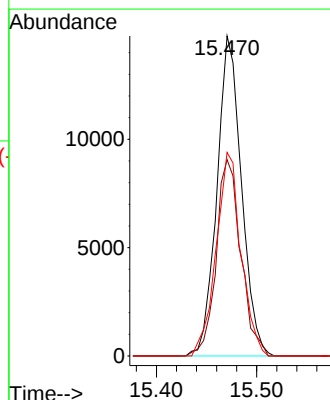
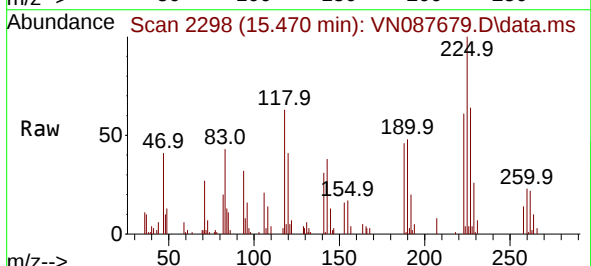
RT: 15.470 min Scan# 2298

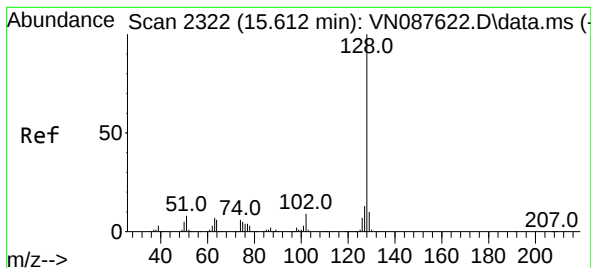
Delta R.T. -0.006 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Tgt Ion:	225	Resp:	25120
Ion Ratio	Lower	Upper	
225	100		
223	61.4	32.0	96.2
227	64.5	32.1	96.5





#95

Naphthalene

Concen: 15.212 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBS01

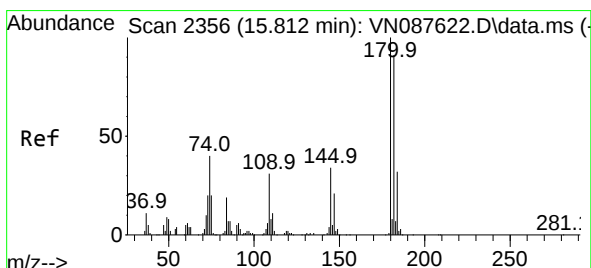
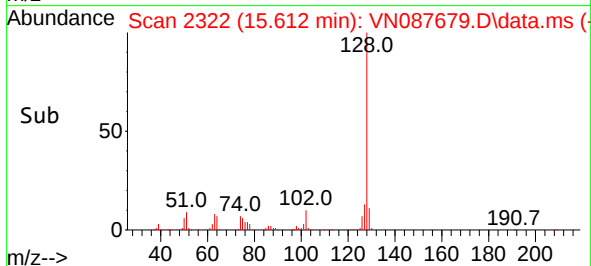
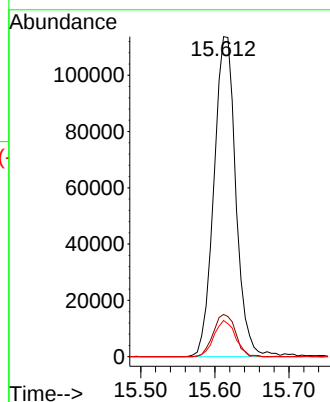
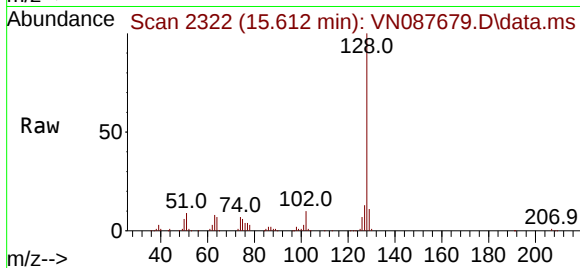
Tgt Ion:128	Resp:	233614
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.6 15.8
129	11.1	8.6 12.8

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#96

1,2,3-Trichlorobenzene

Concen: 15.670 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087679.D

Acq: 28 Aug 2025 12:50

Tgt Ion:180	Resp:	66423
Ion Ratio	Lower	Upper
180	100	
182	93.7	46.8 140.3
145	34.5	17.3 52.0

