

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088105.D
 Acq On : 27 Oct 2025 11:55
 Operator : JC\MD
 Sample : VN1027WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

Quant Time: Oct 28 01:22:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/28/2025
 Supervised By : Semsettin Yesilyurt 10/28/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	300941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	563874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	505093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	256562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	292467	56.202	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.400%			
35) Dibromofluoromethane	8.147	113	201534	53.201	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.400%			
50) Toluene-d8	10.547	98	745408	51.068	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.140%			
62) 4-Bromofluorobenzene	12.829	95	271139	52.599	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70657	20.814	ug/l	97
3) Chloromethane	2.383	50	85119	21.314	ug/l	98
4) Vinyl Chloride	2.536	62	91995	21.142	ug/l	100
5) Bromomethane	2.983	94	52750	20.268	ug/l	100
6) Chloroethane	3.142	64	58867	18.777	ug/l	100
7) Trichlorofluoromethane	3.512	101	136634	19.687	ug/l	99
8) Diethyl Ether	3.959	74	52943	20.525	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	72457	20.232	ug/l	97
10) Methyl Iodide	4.583	142	63251	20.612	ug/l	92
11) Tert butyl alcohol	5.524	59	102660	114.510	ug/l	99
12) 1,1-Dichloroethene	4.342	96	72424	19.147	ug/l	97
13) Acrolein	4.183	56	131856	130.754	ug/l	99
14) Allyl chloride	5.012	41	135015	20.365	ug/l	95
15) Acrylonitrile	5.712	53	271724	111.268	ug/l	100
16) Acetone	4.424	43	272627	104.280	ug/l	99
17) Carbon Disulfide	4.706	76	228511	19.874	ug/l	100
18) Methyl Acetate	5.024	43	120917	22.592	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	302666	21.789	ug/l	98
20) Methylene Chloride	5.271	84	94419	23.618	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	83955	20.221	ug/l	99
22) Diisopropyl ether	6.659	45	307416	22.048	ug/l	95
23) Vinyl Acetate	6.594	43	1424145	113.392	ug/l	97
24) 1,1-Dichloroethane	6.553	63	171245	22.172	ug/l	97
25) 2-Butanone	7.471	43	383491	111.307	ug/l	99
26) 2,2-Dichloropropane	7.471	77	152872	21.781	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	101089	21.150	ug/l	95
28) Bromochloromethane	7.794	49	91201	24.991	ug/l	98
29) Tetrahydrofuran	7.830	42	252484	112.448	ug/l	98
30) Chloroform	7.947	83	174874	22.664	ug/l	98
31) Cyclohexane	8.241	56	153037	21.009	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	150009	21.829	ug/l	96
36) 1,1-Dichloropropene	8.353	75	120548	21.795	ug/l	99
37) Ethyl Acetate	7.547	43	156235	21.888	ug/l	98
38) Carbon Tetrachloride	8.341	117	127037	22.238	ug/l	100
39) Methylcyclohexane	9.577	83	141080	19.844	ug/l	98
40) Benzene	8.588	78	366941	21.784	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	83450	22.213	ug/l	98
42) 1,2-Dichloroethane	8.653	62	145750	24.352	ug/l	98
43) Isopropyl Acetate	8.671	43	249652	22.762	ug/l	98
44) Trichloroethene	9.335	130	83048	21.093	ug/l	98
45) 1,2-Dichloropropane	9.606	63	93135	21.901	ug/l	97
46) Dibromomethane	9.688	93	67628	22.297	ug/l	98
47) Bromodichloromethane	9.865	83	138182	22.756	ug/l	98
48) Methyl methacrylate	9.665	41	116857	23.077	ug/l	97
49) 1,4-Dioxane	9.682	88	27524	437.028	ug/l #	87
51) 4-Methyl-2-Pentanone	10.424	43	756352	116.567	ug/l	100
52) Toluene	10.612	92	223155	21.487	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	141361	21.872	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	152892	22.294	ug/l	96
55) 1,1,2-Trichloroethane	11.000	97	87269	22.149	ug/l	98
56) Ethyl methacrylate	10.859	69	134518	21.574	ug/l	97
57) 1,3-Dichloropropane	11.141	76	154575	22.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	327194	100.882	ug/l	99
59) 2-Hexanone	11.176	43	492033	114.310	ug/l	99
60) Dibromochloromethane	11.335	129	96318	21.507	ug/l	100
61) 1,2-Dibromoethane	11.447	107	89527	22.078	ug/l	98
64) Tetrachloroethene	11.082	164	69633	20.900	ug/l	89
65) Chlorobenzene	11.871	112	244731	21.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	81619	21.722	ug/l	98
67) Ethyl Benzene	11.941	91	421252	20.925	ug/l	99
68) m/p-Xylenes	12.053	106	317335	42.070	ug/l	100
69) o-Xylene	12.376	106	151783	21.227	ug/l	99
70) Styrene	12.394	104	254839	21.855	ug/l	98
71) Bromoform	12.559	173	61158	21.810	ug/l #	99
73) Isopropylbenzene	12.671	105	397427	20.084	ug/l	100
74) N-amyl acetate	12.629	43	128367m	22.852	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	132181	21.456	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	112443m	19.169	ug/l	
77) Bromobenzene	12.959	156	92521	21.683	ug/l	97
78) n-propylbenzene	13.012	91	492713	20.404	ug/l	100
79) 2-Chlorotoluene	13.100	91	294890	21.413	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	333799	20.311	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	38179	18.156	ug/l	91
82) 4-Chlorotoluene	13.200	91	303454	20.367	ug/l	100
83) tert-Butylbenzene	13.418	119	286500	19.516	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	339120	20.625	ug/l	99
85) sec-Butylbenzene	13.594	105	429310	19.904	ug/l	100
86) p-Isopropyltoluene	13.706	119	354614	20.495	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	177044	20.784	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	184081	20.120	ug/l	98
89) n-Butylbenzene	14.035	91	344021	20.072	ug/l	99
90) Hexachloroethane	14.312	117	66650	19.892	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	169616	20.657	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	30171	21.041	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	102766	20.665	ug/l	97
94) Hexachlorobutadiene	15.470	225	38748	20.924	ug/l	99
95) Naphthalene	15.617	128	338638	19.878	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	97739	20.498	ug/l	97

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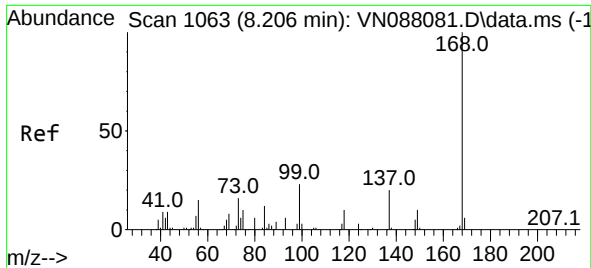
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

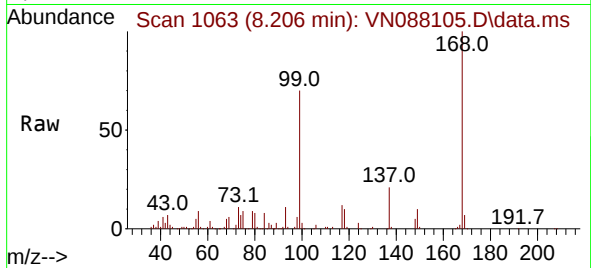
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088105.D
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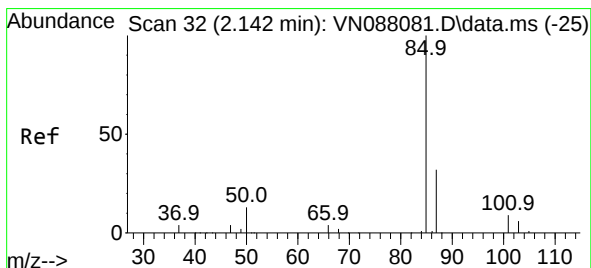
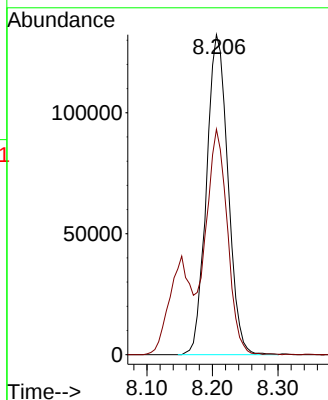
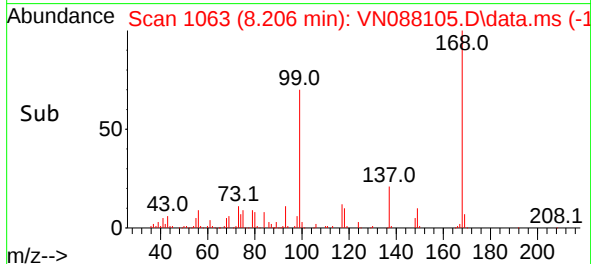
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 30094
Ion Ratio Lower Upper
168 100
99 70.3 57.2 85.8

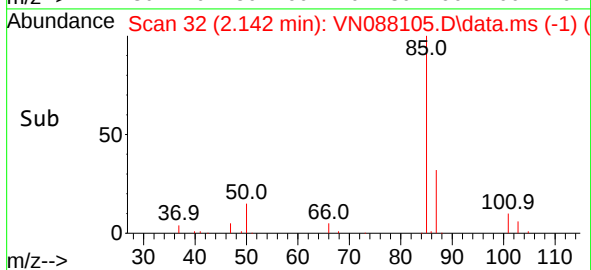
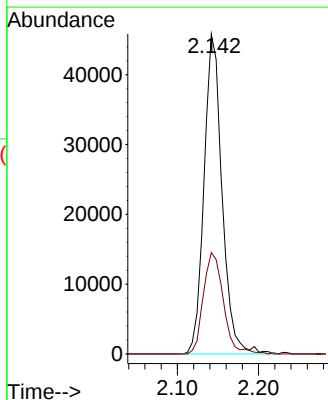
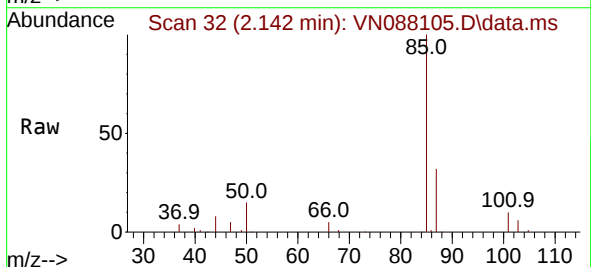
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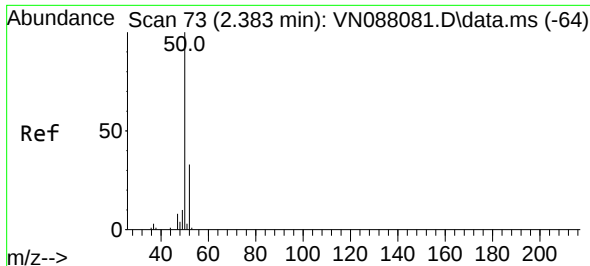
Reviewed By :John Carlone 10/28/2025
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#2
Dichlorodifluoromethane
Concen: 20.814 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

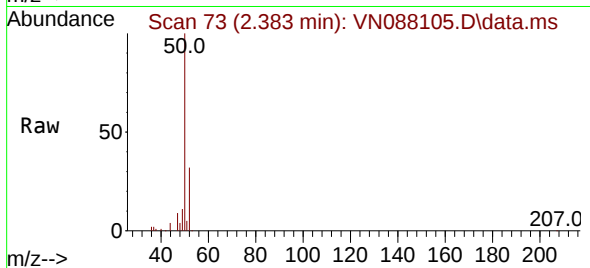
Tgt Ion: 85 Resp: 70657
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8





#3
Chloromethane
Concen: 21.314 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

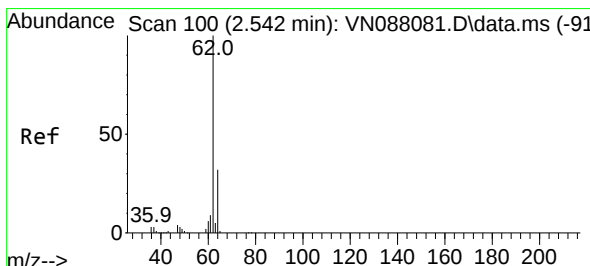
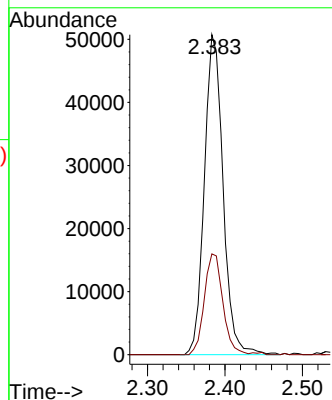
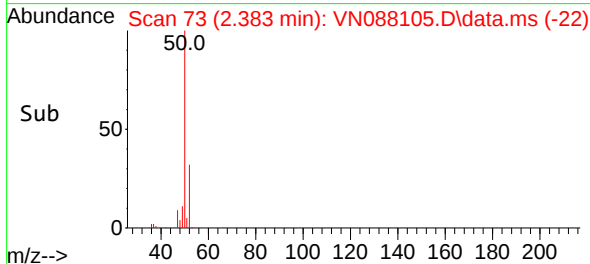
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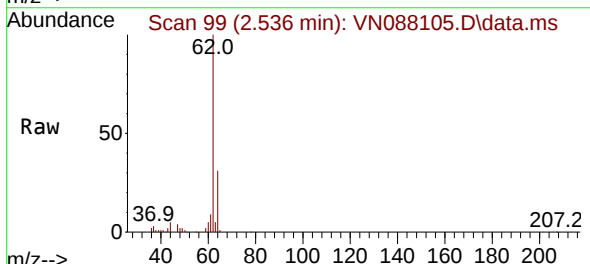
Tgt Ion: 50 Resp: 85119
Ion Ratio Lower Upper
50 100
52 31.5 26.2 39.4

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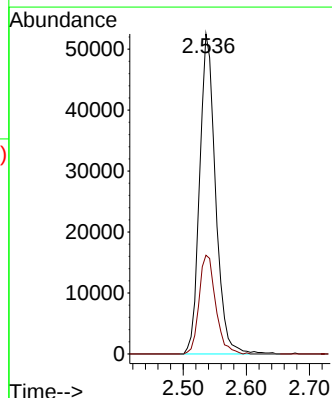
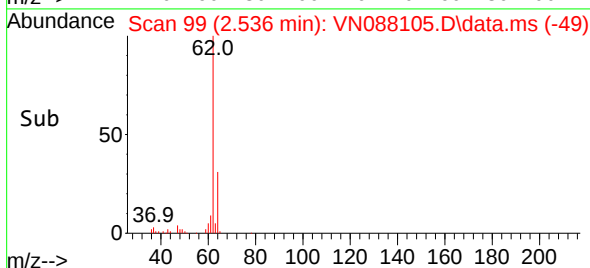
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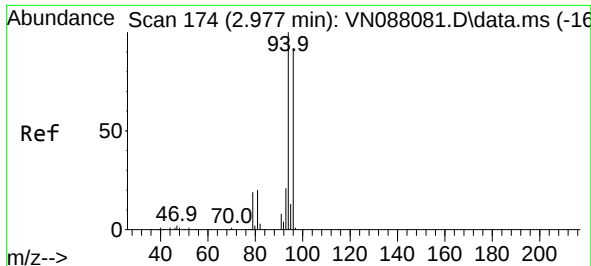


#4
Vinyl Chloride
Concen: 21.142 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



Tgt Ion: 62 Resp: 91995
Ion Ratio Lower Upper
62 100
64 30.9 24.6 37.0





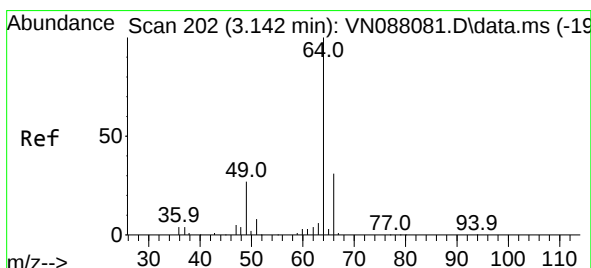
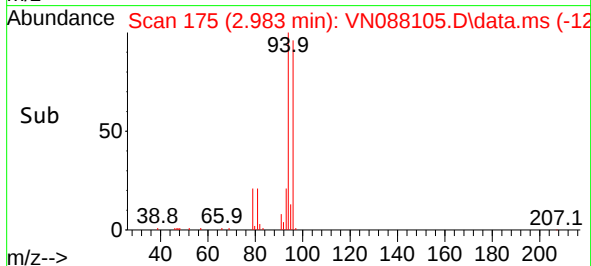
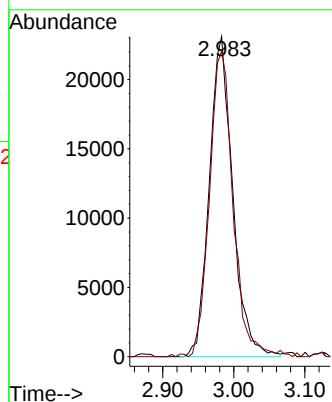
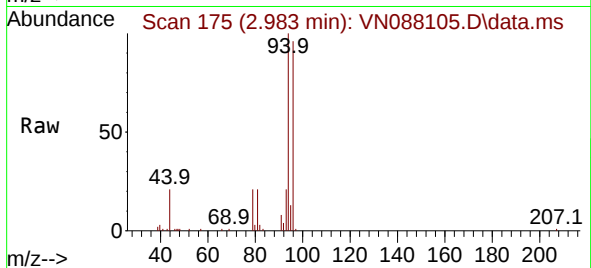
#5
Bromomethane
Concen: 20.268 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
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Tgt Ion: 94 Resp: 52750
Ion Ratio Lower Upper
94 100
96 94.8 75.4 113.2

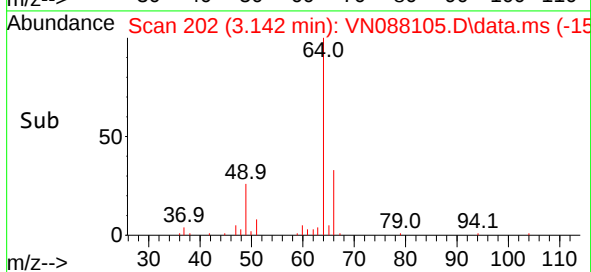
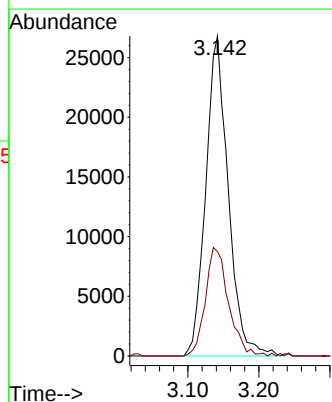
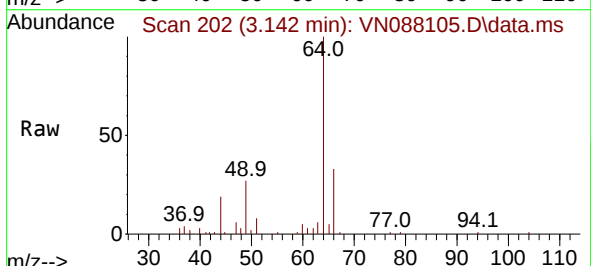
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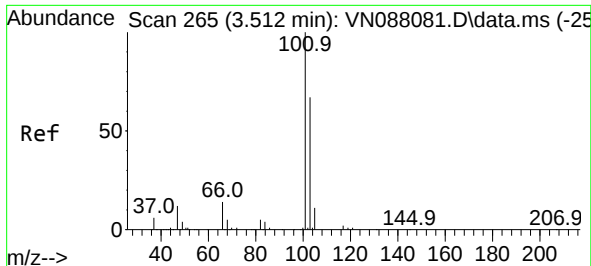
Reviewed By :John Carlone 10/28/2025
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#6
Chloroethane
Concen: 18.777 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088105.D
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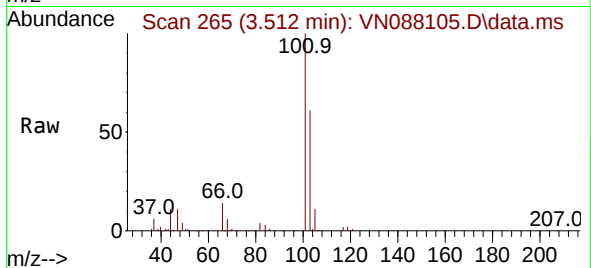
Tgt Ion: 64 Resp: 58867
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.2





#7
Trichlorofluoromethane
Concen: 19.687 ug/l
RT: 3.512 min Scan# 265
Delta R.T. -0.000 min
Lab File: VN088105.D
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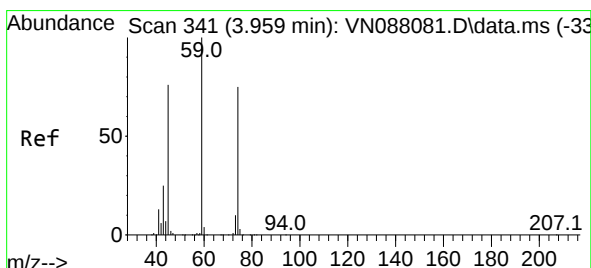
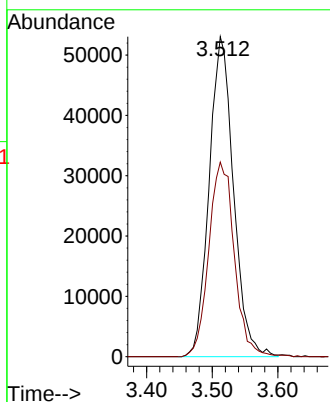
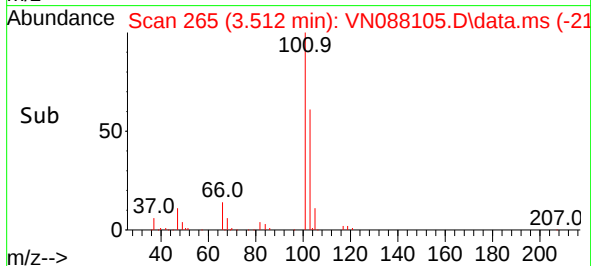
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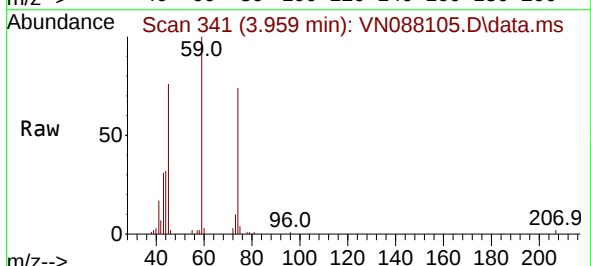
Tgt Ion:101 Resp: 136634
Ion Ratio Lower Upper
101 100
103 60.8 49.4 74.0

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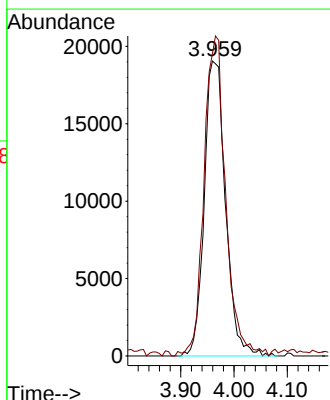
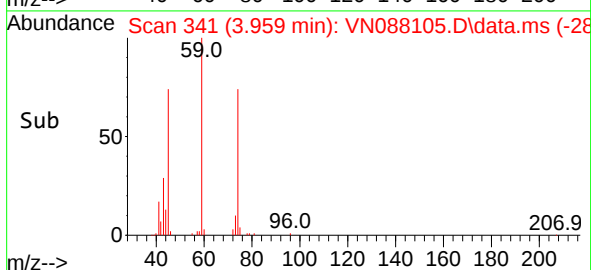
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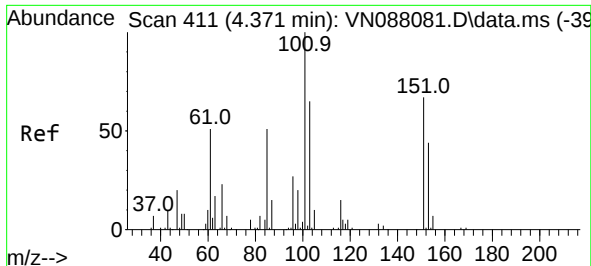


#8
Diethyl Ether
Concen: 20.525 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 52943
Ion Ratio Lower Upper
74 100
45 109.9 50.6 151.9





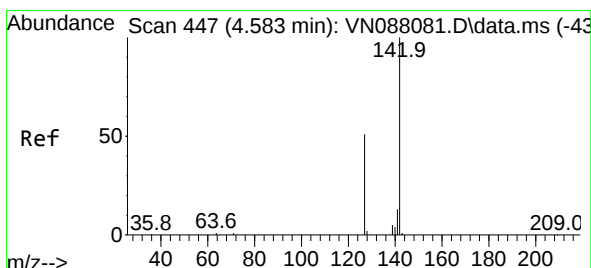
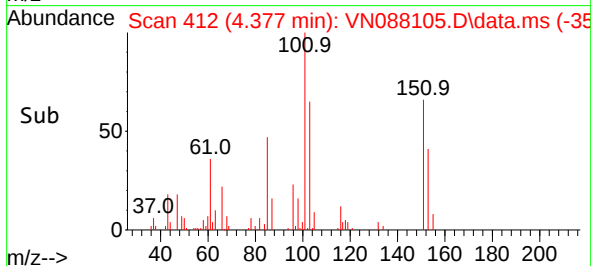
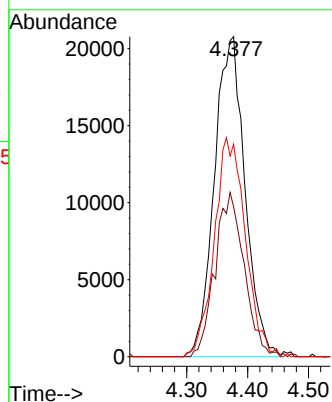
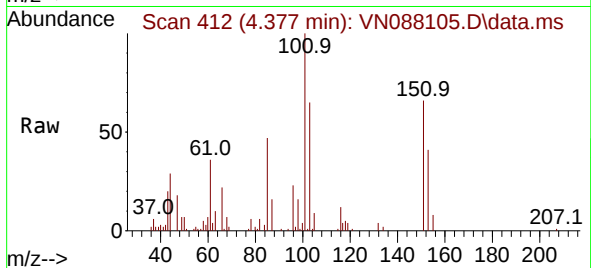
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.232 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion:101 Resp: 7245
Ion Ratio Lower Upper
101 100
85 48.9 36.6 55.0
151 69.5 54.7 82.1

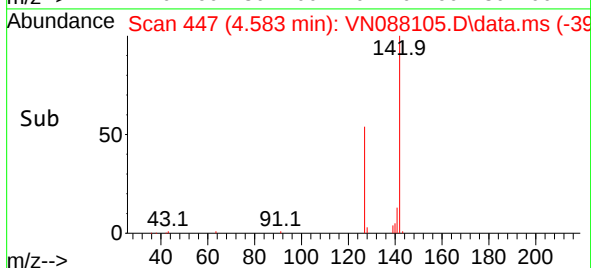
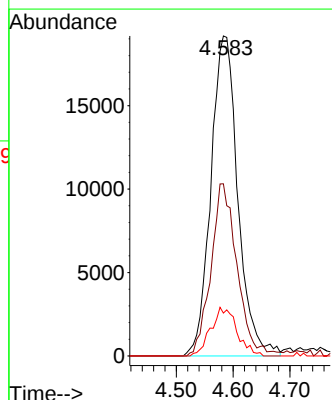
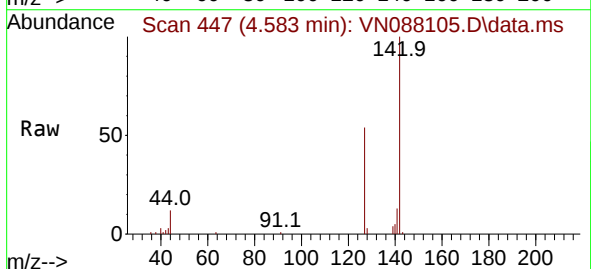
Manual Integrations
APPROVED

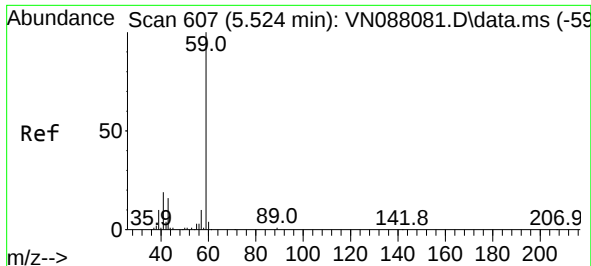
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#10
Methyl Iodide
Concen: 20.612 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

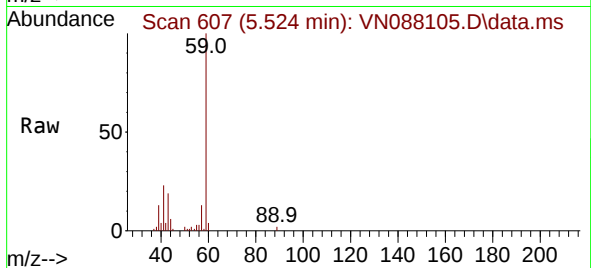
Tgt Ion:142 Resp: 63251
Ion Ratio Lower Upper
142 100
127 53.8 38.0 57.0
141 13.4 12.0 18.0





#11
Tert butyl alcohol
Concen: 114.510 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

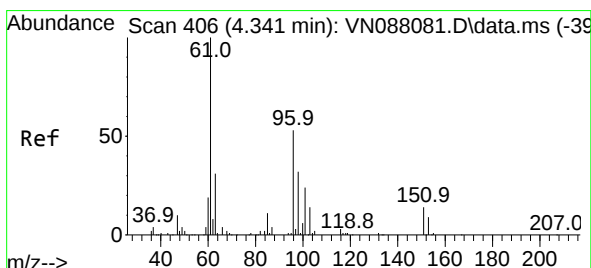
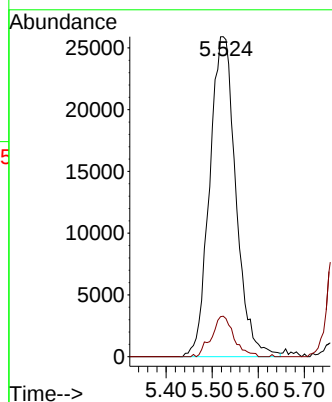
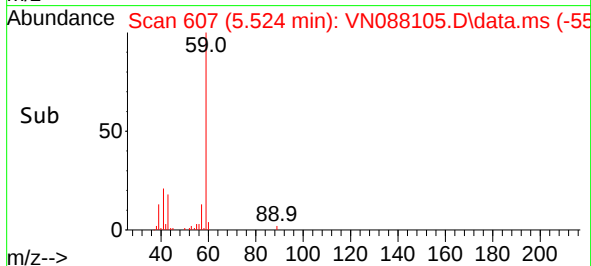
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



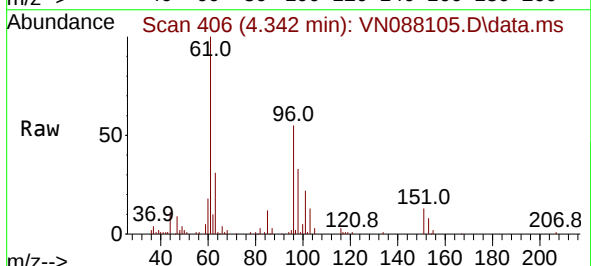
Tgt Ion: 59 Resp: 102660
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4

Manual Integrations
APPROVED

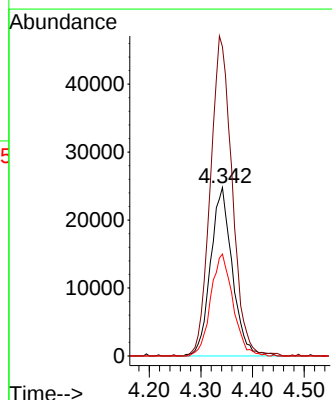
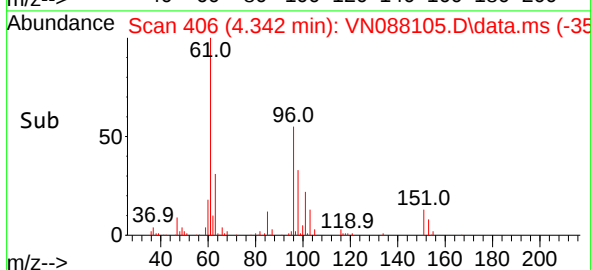
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

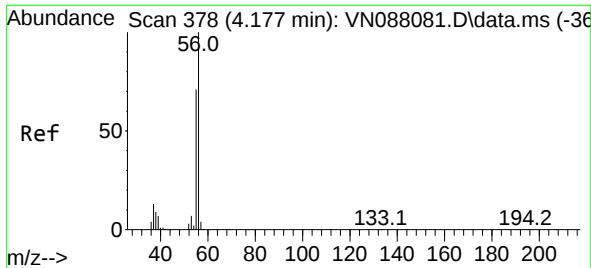


#12
1,1-Dichloroethene
Concen: 19.147 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



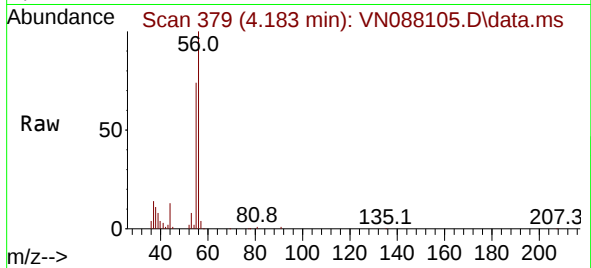
Tgt Ion: 96 Resp: 72424
Ion Ratio Lower Upper
96 100
61 183.4 143.8 215.8
98 60.5 52.1 78.1





#13
Acrolein
Concen: 130.754 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

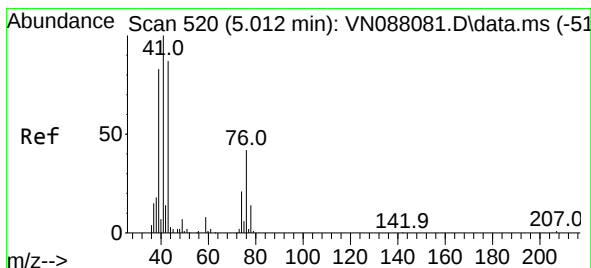
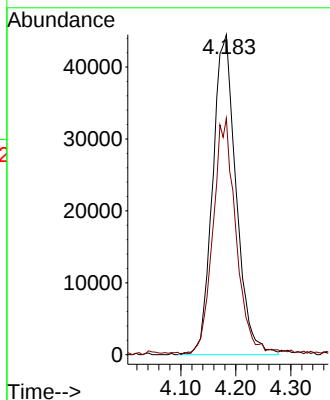
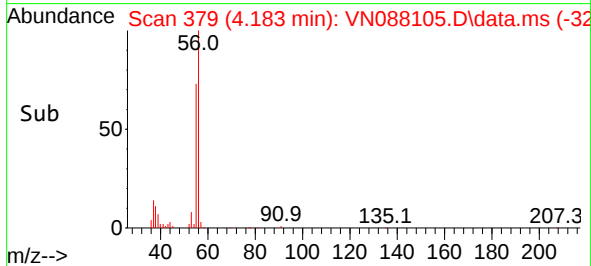
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion: 56 Resp: 131850
Ion Ratio Lower Upper
56 100
55 72.6 57.3 85.9

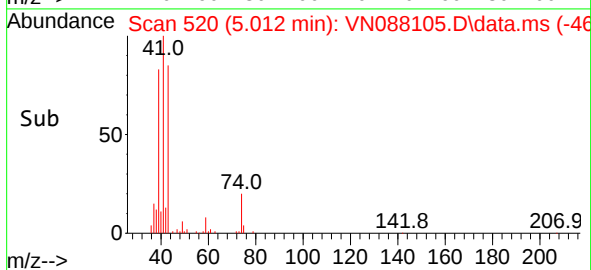
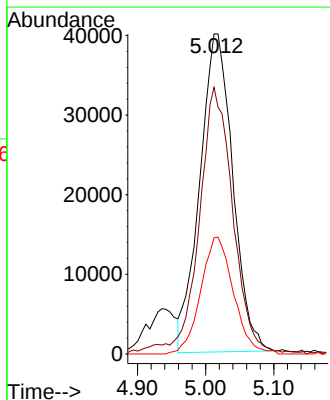
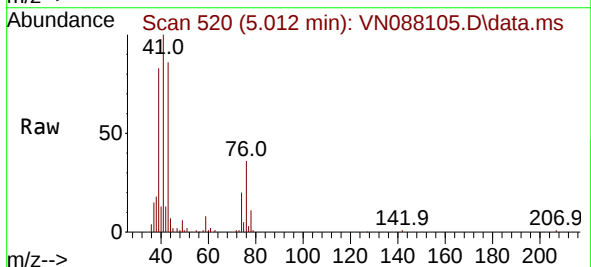
Manual Integrations
APPROVED

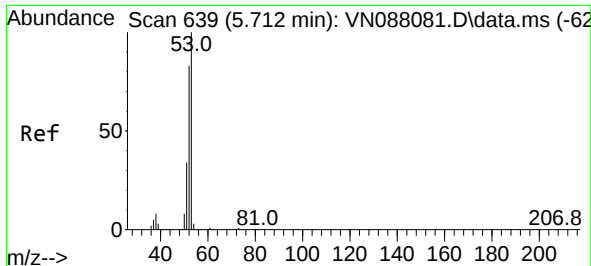
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#14
Allyl chloride
Concen: 20.365 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

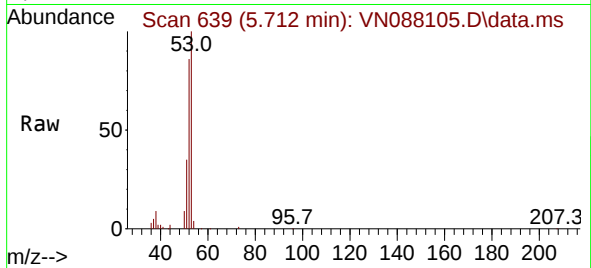
Tgt Ion: 41 Resp: 135015
Ion Ratio Lower Upper
41 100
39 85.9 63.9 95.9
76 36.3 28.1 42.1





#15
Acrylonitrile
Concen: 111.268 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

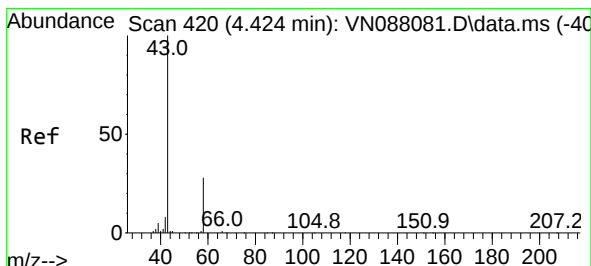
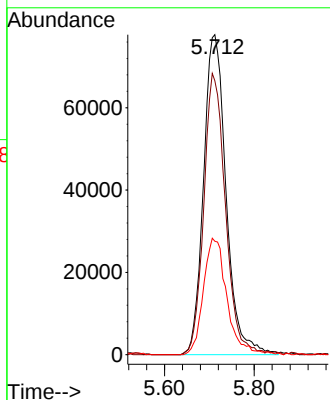
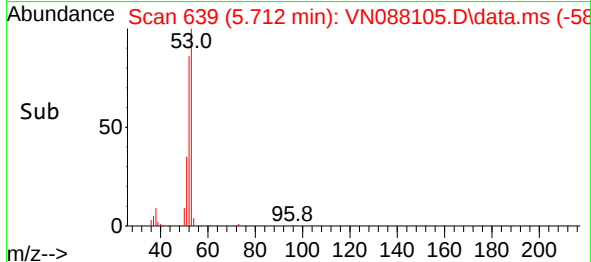
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion: 53 Resp: 271724
Ion Ratio Lower Upper
53 100
52 84.3 67.6 101.4
51 37.9 30.1 45.1

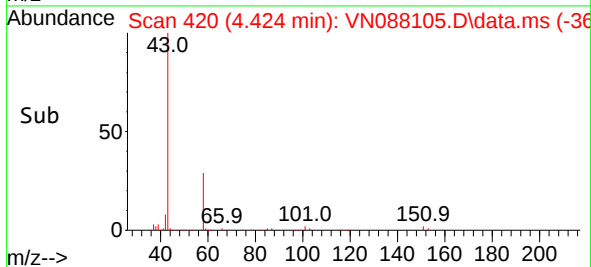
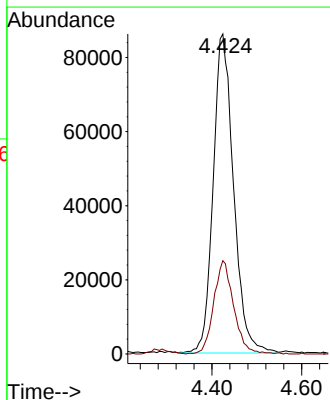
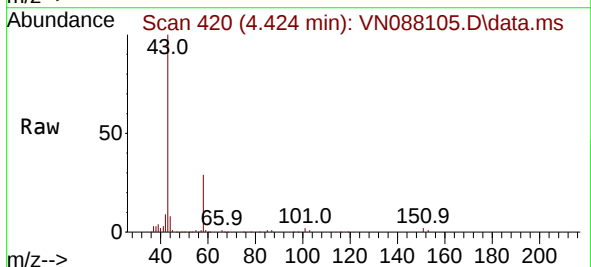
Manual Integrations
APPROVED

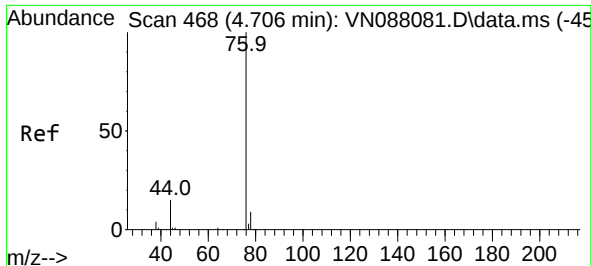
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#16
Acetone
Concen: 104.280 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

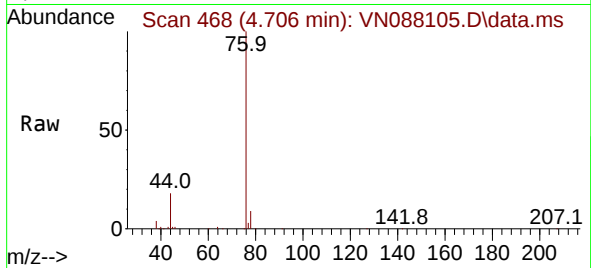
Tgt Ion: 43 Resp: 272627
Ion Ratio Lower Upper
43 100
58 28.8 22.6 33.8





#17
Carbon Disulfide
Concen: 19.874 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

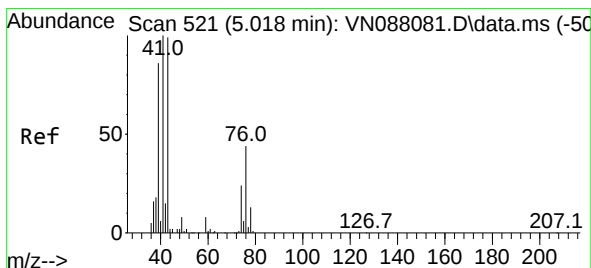
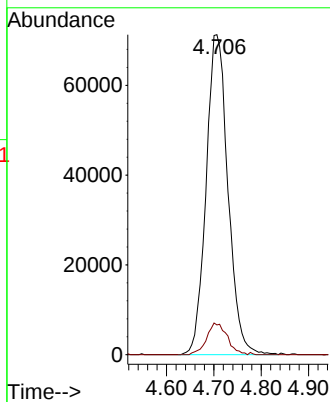
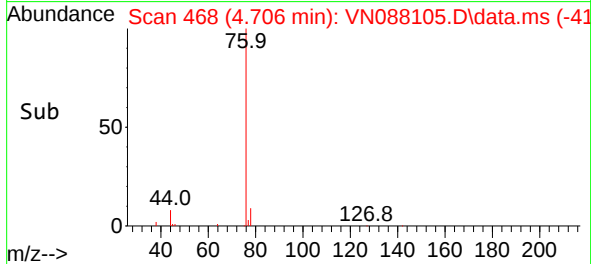
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



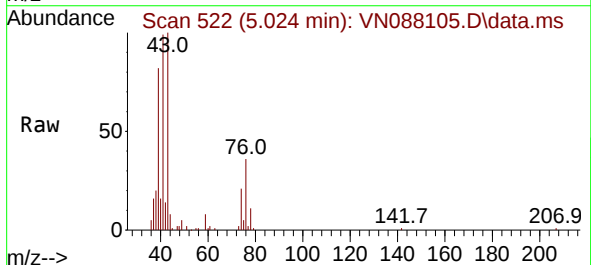
Tgt Ion: 76 Resp: 22851
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

Manual Integrations
APPROVED

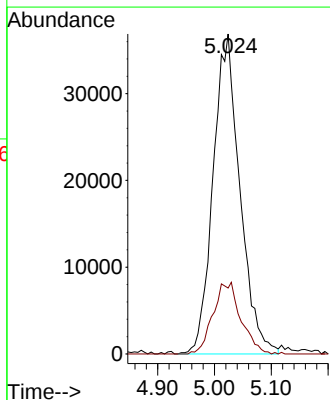
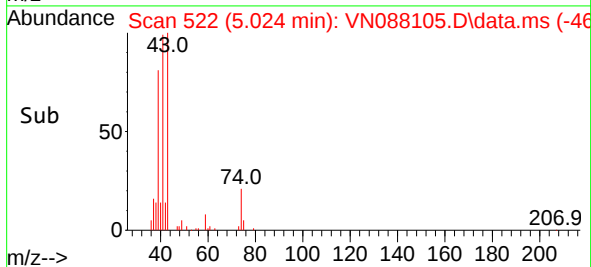
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

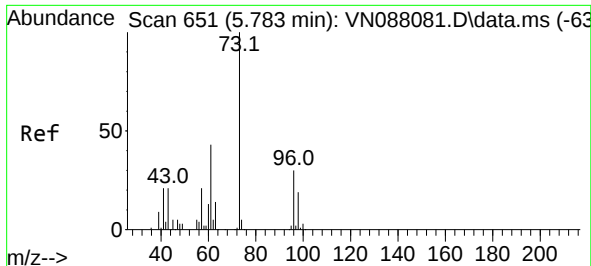


#18
Methyl Acetate
Concen: 22.592 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



Tgt Ion: 43 Resp: 120917
Ion Ratio Lower Upper
43 100
74 23.2 17.6 26.4





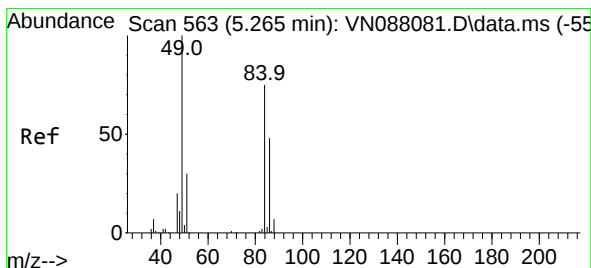
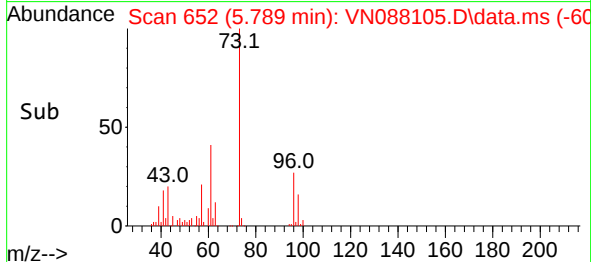
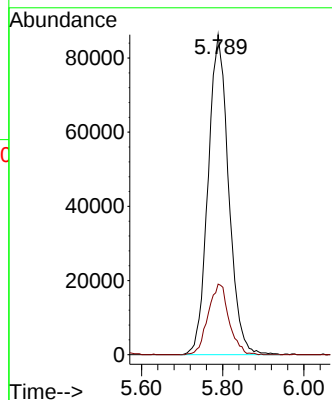
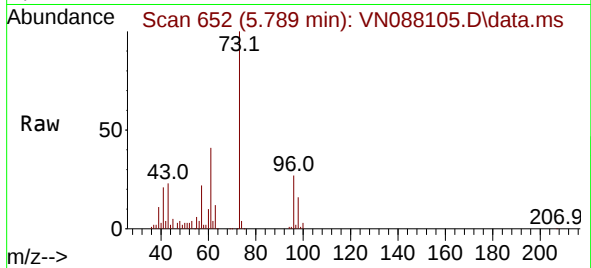
#19
Methyl tert-butyl Ether
Concen: 21.789 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion: 73 Resp: 30266
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6

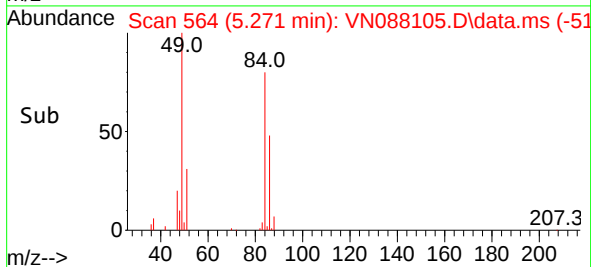
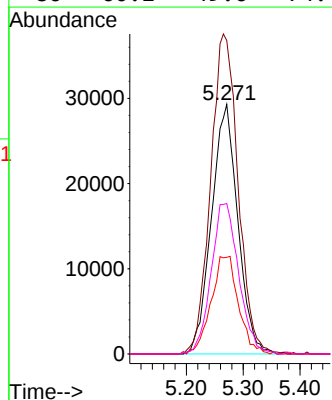
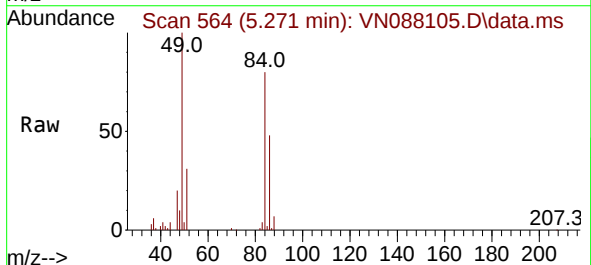
Manual Integrations
APPROVED

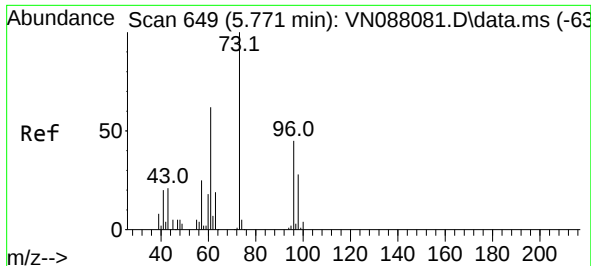
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#20
Methylene Chloride
Concen: 23.618 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

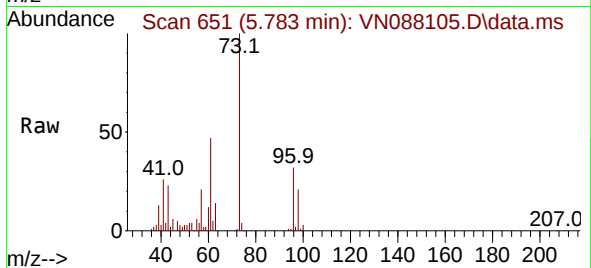
Tgt Ion: 84 Resp: 94419
Ion Ratio Lower Upper
84 100
49 125.6 103.4 155.2
51 38.7 33.8 50.8
86 60.2 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 20.221 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

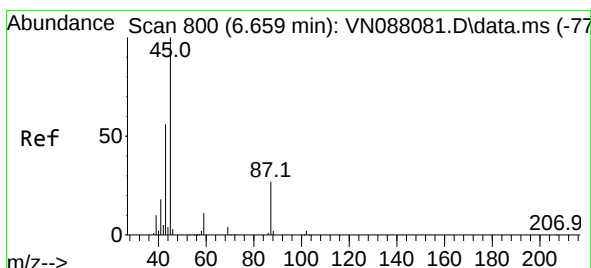
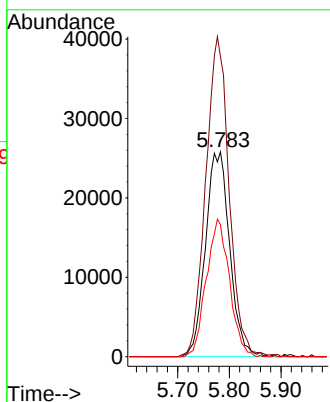
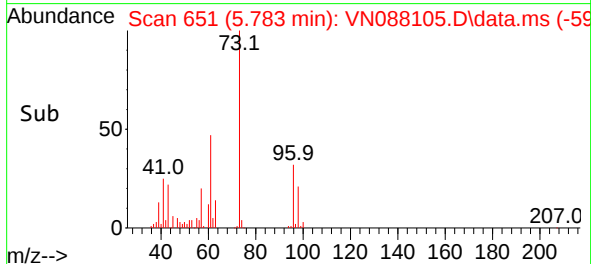
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion: 96 Resp: 8395
Ion Ratio Lower Upper
96 100
61 146.5 118.0 177.0
98 64.5 50.0 75.0

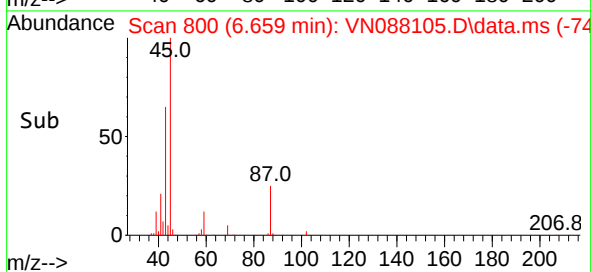
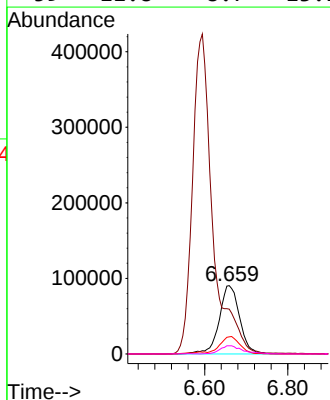
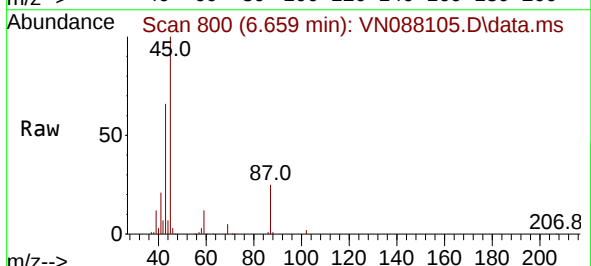
Manual Integrations
APPROVED

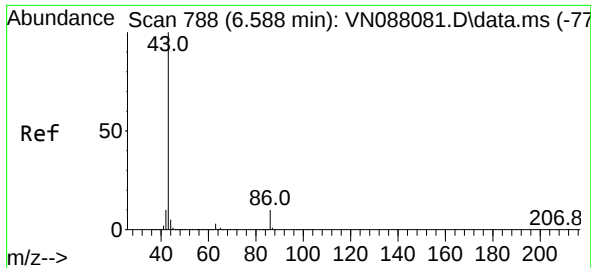
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#22
Diisopropyl ether
Concen: 22.048 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

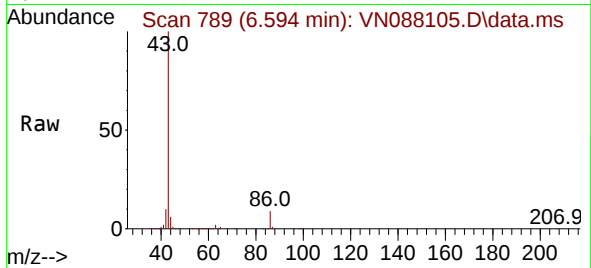
Tgt Ion: 45 Resp: 307416
Ion Ratio Lower Upper
45 100
43 64.5 47.7 71.5
87 25.1 21.4 32.0
59 11.8 8.7 13.1





#23
 Vinyl Acetate
 Concen: 113.392 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

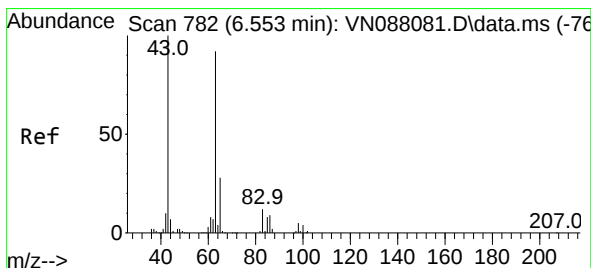
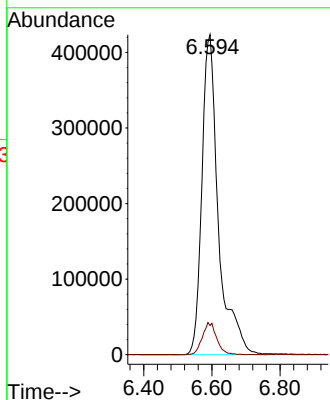
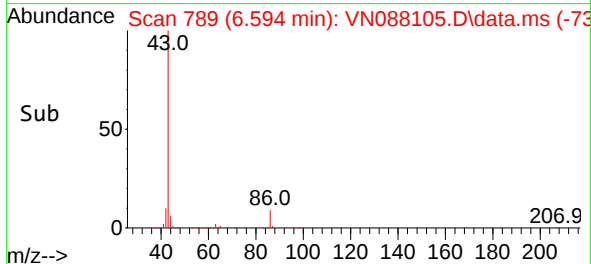
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01



Tgt Ion: 43 Resp: 142414
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.2 12.4

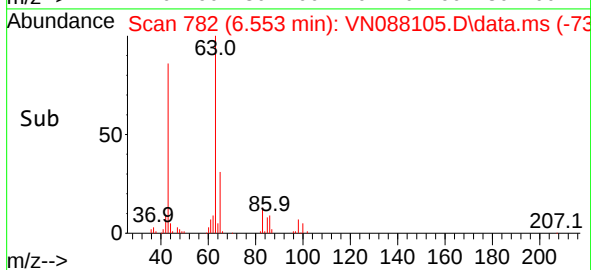
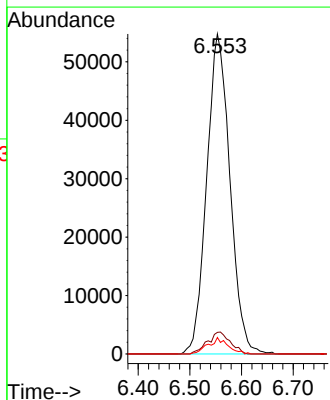
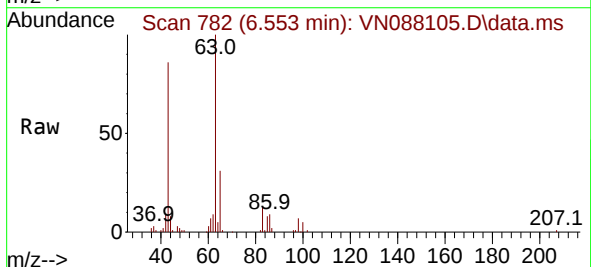
Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/28/2025
 Supervised By :Semsettin Yesilyurt 10/28/2025



#24
 1,1-Dichloroethane
 Concen: 22.172 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

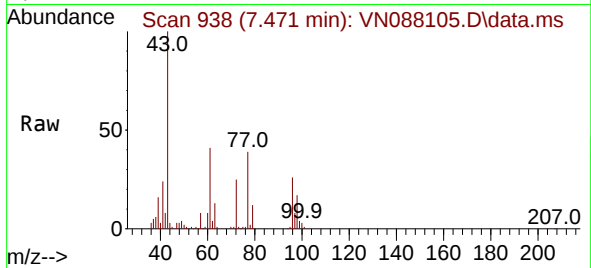
Tgt Ion: 63 Resp: 171245
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 5.2 2.0 6.0





#25
2-Butanone
Concen: 111.307 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

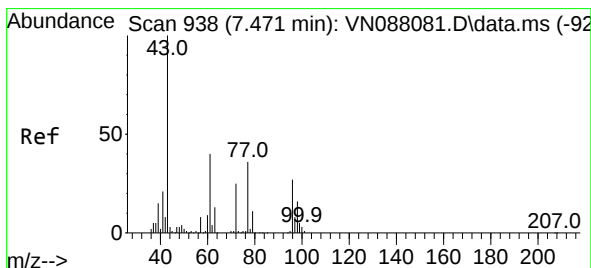
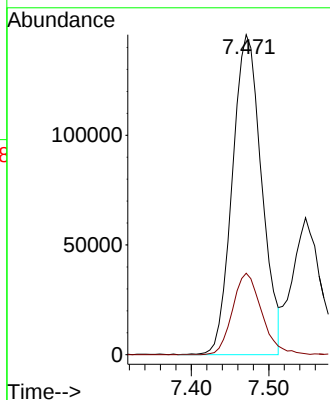
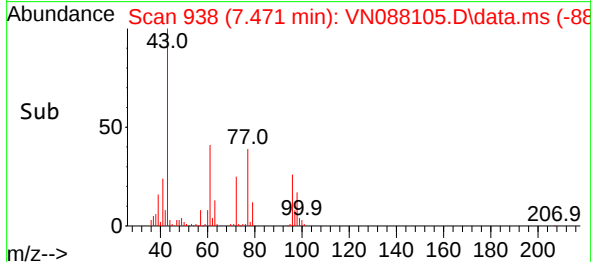
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



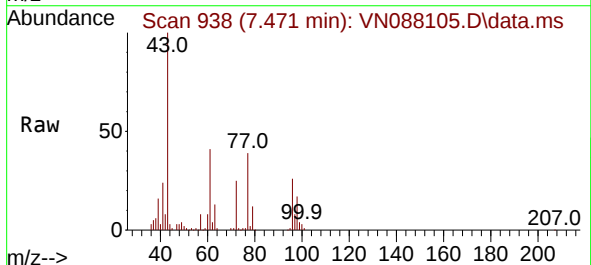
Tgt Ion: 43 Resp: 38349
Ion Ratio Lower Upper
43 100
72 25.4 19.9 29.9

Manual Integrations
APPROVED

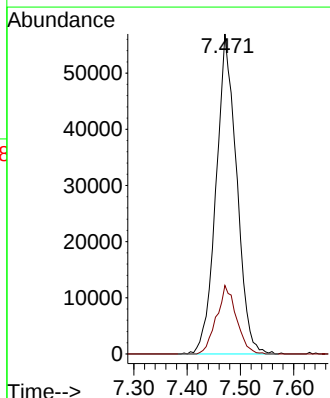
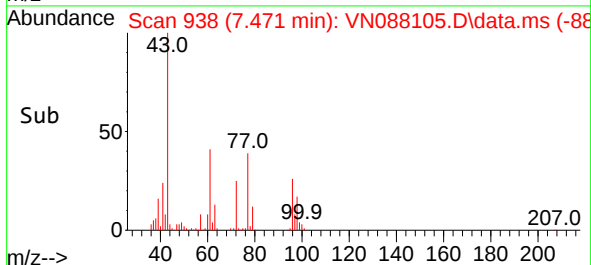
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#26
2,2-Dichloropropane
Concen: 21.781 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



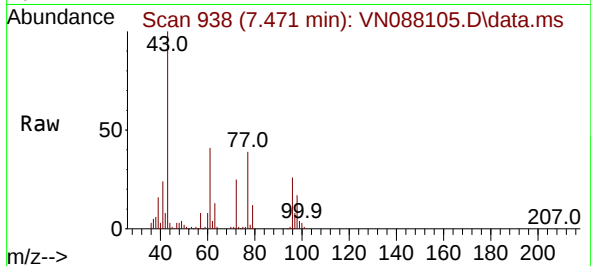
Tgt Ion: 77 Resp: 152872
Ion Ratio Lower Upper
77 100
97 20.7 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 21.150 ug/l
RT: 7.471 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

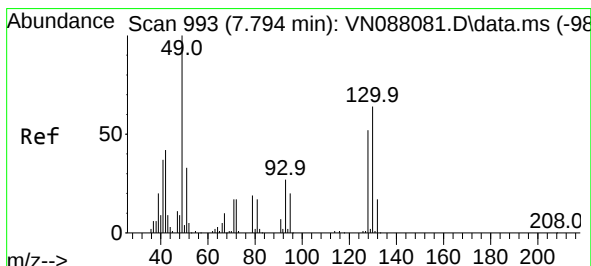
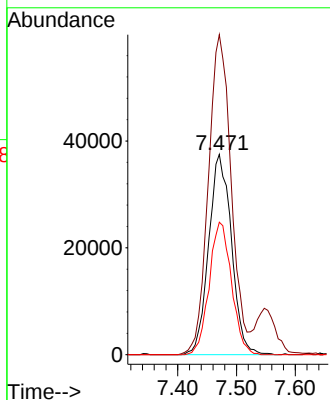
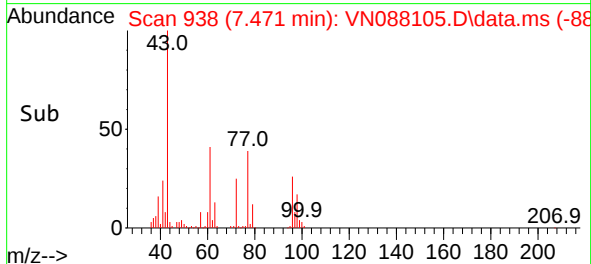
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion: 96 Resp: 101089
Ion Ratio Lower Upper
96 100
61 159.2 0.0 301.8
98 64.7 0.0 126.2

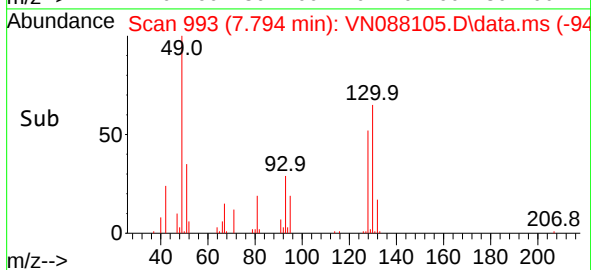
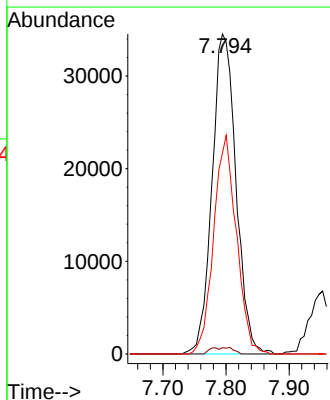
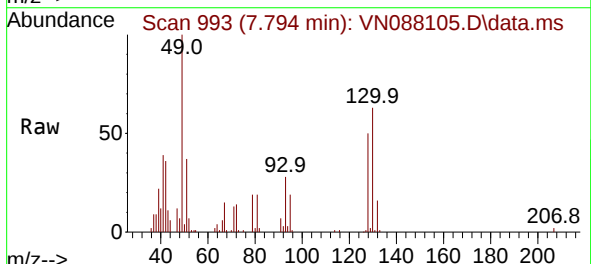
Manual Integrations
APPROVED

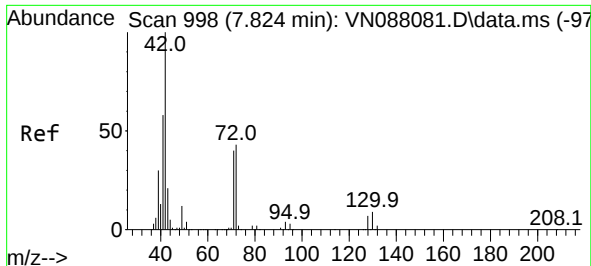
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#28
Bromochloromethane
Concen: 24.991 ug/l
RT: 7.794 min Scan# 993
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 49 Resp: 91201
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.0
130 64.8 53.1 79.7





#29

Tetrahydrofuran

Concen: 112.448 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

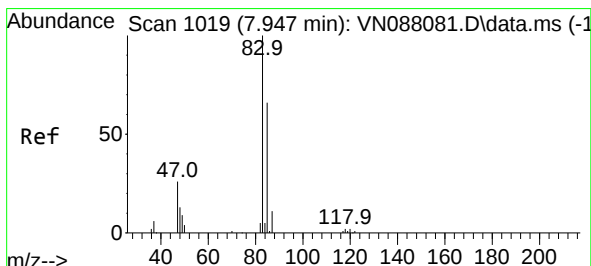
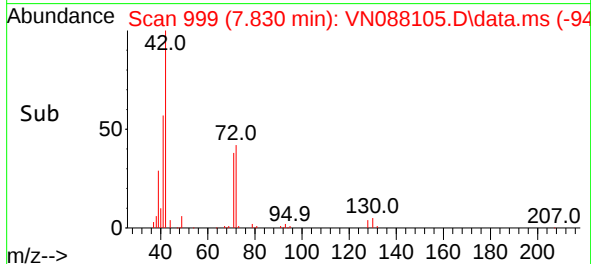
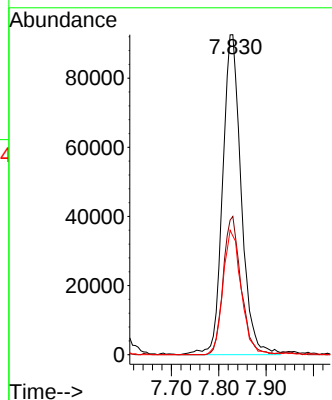
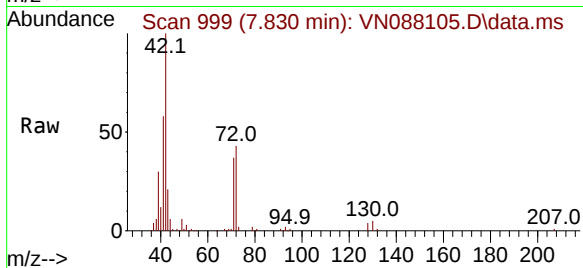
ClientSampleId :

VN1027WBS01

Tgt Ion: 42 Resp: 252484
 Ion Ratio Lower Upper
 42 100
 72 41.5 33.7 50.5
 71 38.3 31.9 47.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/28/2025
 Supervised By :Semsettin Yesilyurt 10/28/2025



#30

Chloroform

Concen: 22.664 ug/l

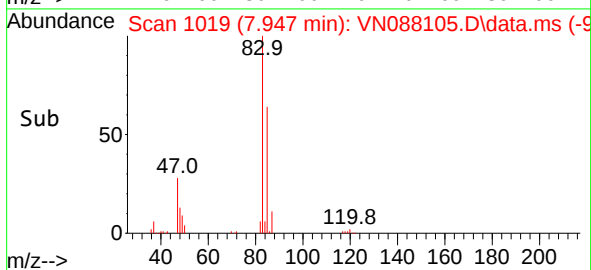
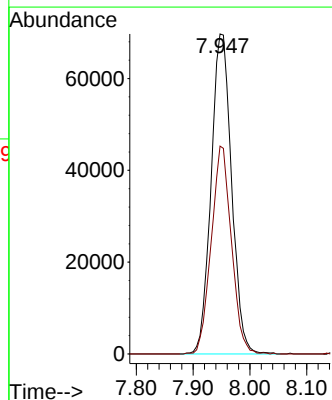
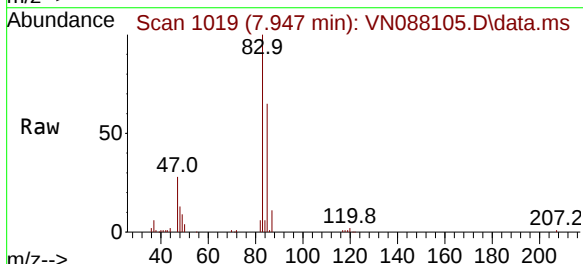
RT: 7.947 min Scan# 1019

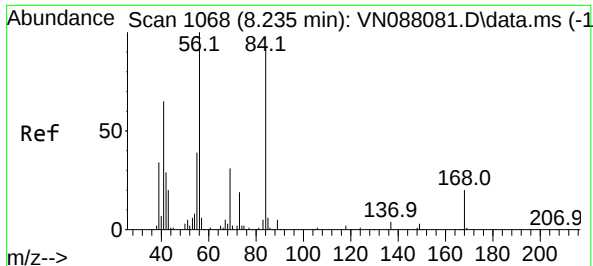
Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

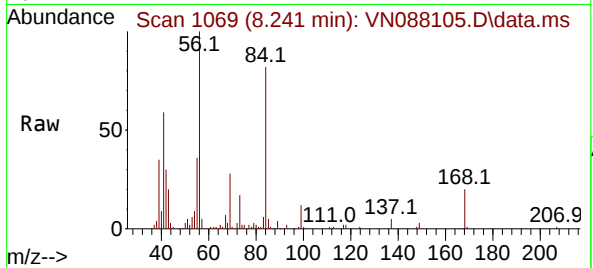
Tgt Ion: 83 Resp: 174874
 Ion Ratio Lower Upper
 83 100
 85 64.9 50.7 76.1





#31
Cyclohexane
Concen: 21.009 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

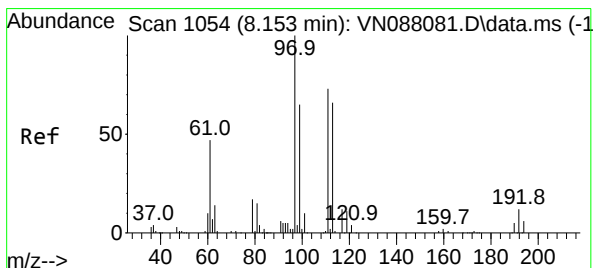
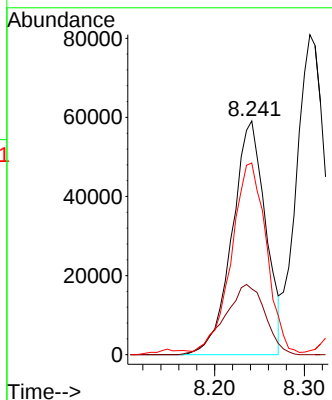
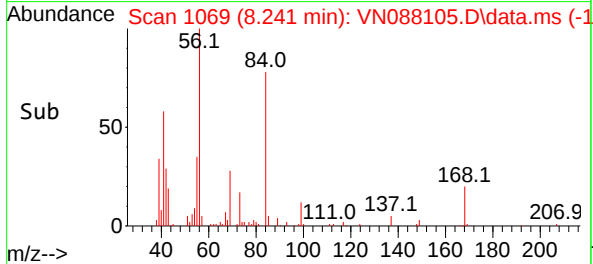
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion: 56 Resp: 15303
Ion Ratio Lower Upper
56 100
69 27.7 23.7 35.5
84 80.3 64.7 97.1

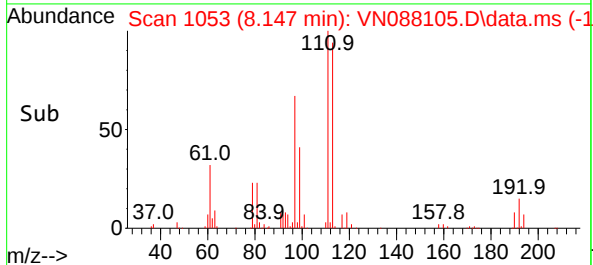
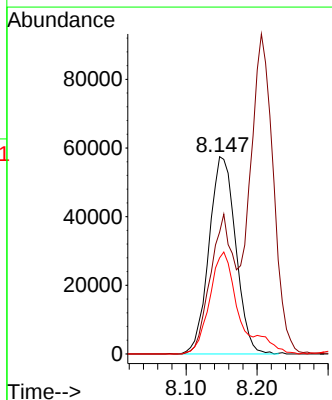
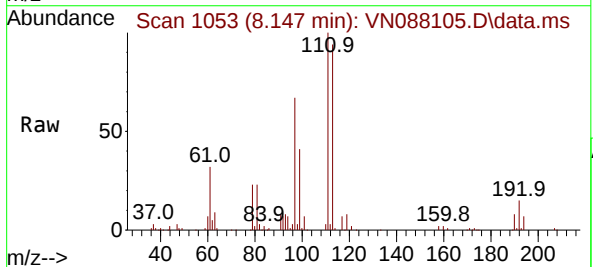
Manual Integrations
APPROVED

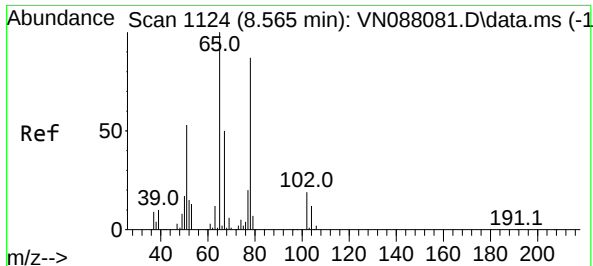
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#32
1,1,1-Trichloroethane
Concen: 21.829 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 97 Resp: 150009
Ion Ratio Lower Upper
97 100
99 60.1 52.2 78.2
61 51.0 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 56.202 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

Tgt Ion: 65 Resp: 29246

Ion Ratio Lower Upper

65 100

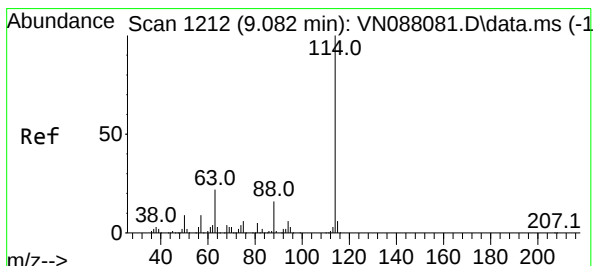
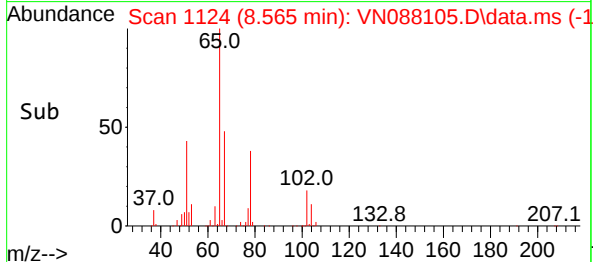
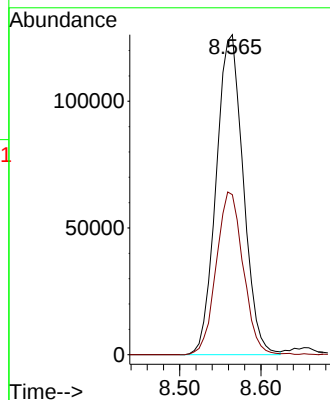
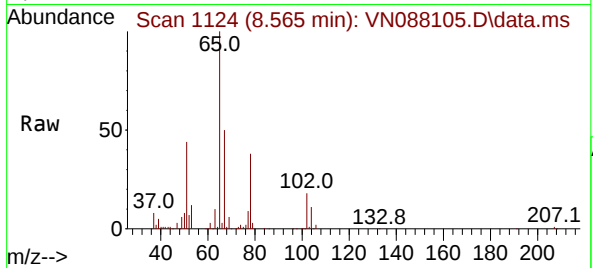
67 50.7 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

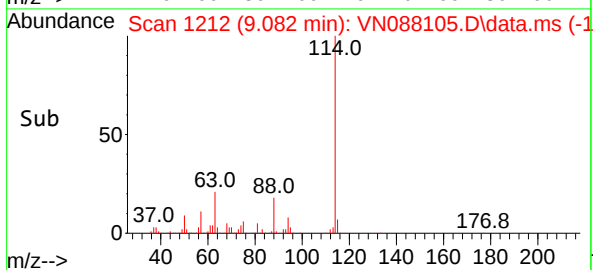
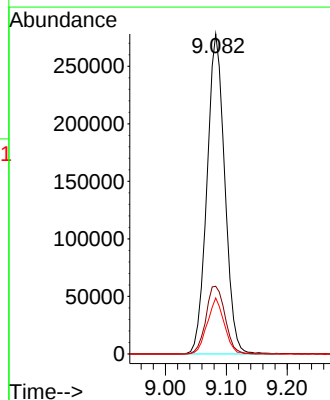
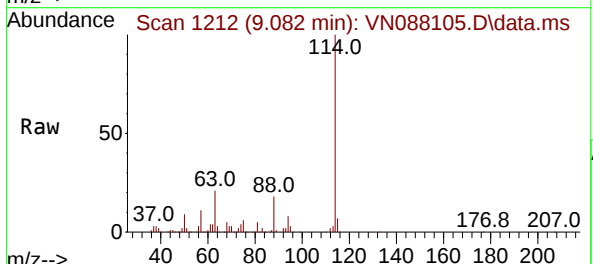
Tgt Ion:114 Resp: 563874

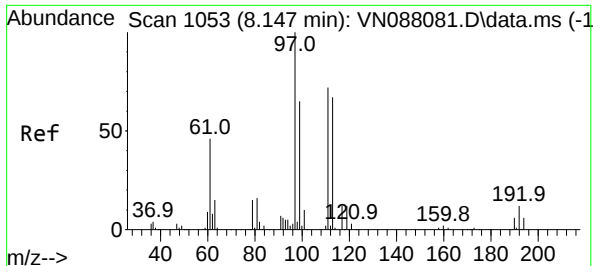
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.2

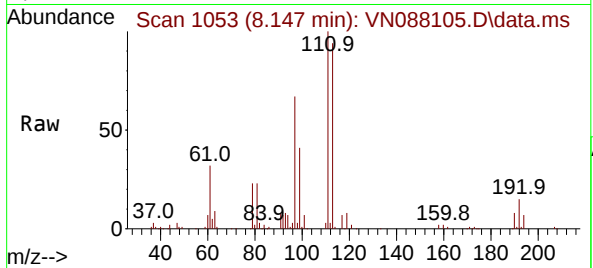
88 17.5 0.0 33.4





#35
Dibromofluoromethane
Concen: 53.201 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

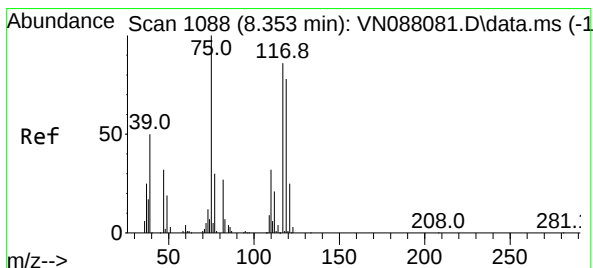
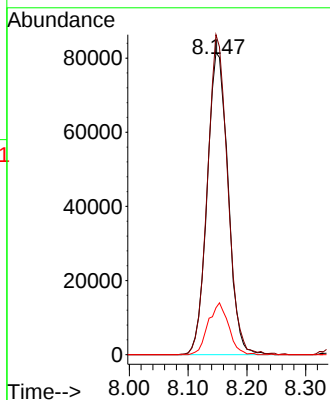
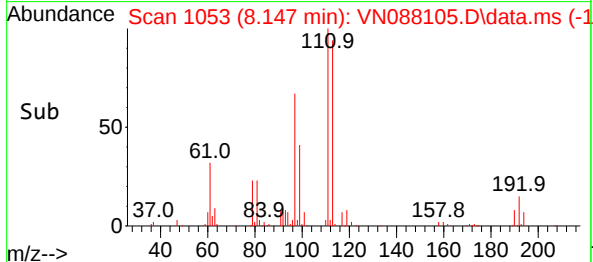
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



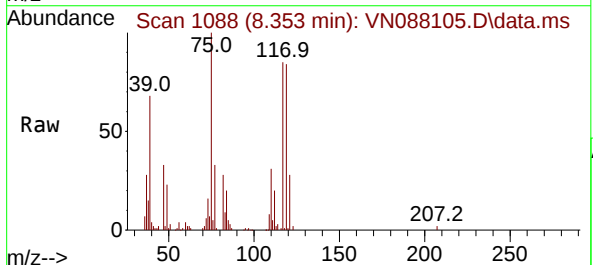
Tgt Ion: 113 Resp: 201534
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 16.8 12.8 19.2

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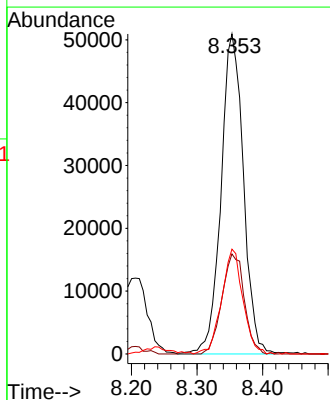
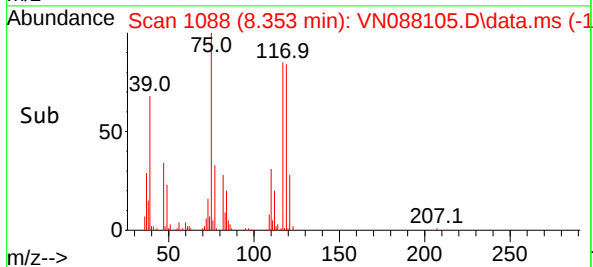
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

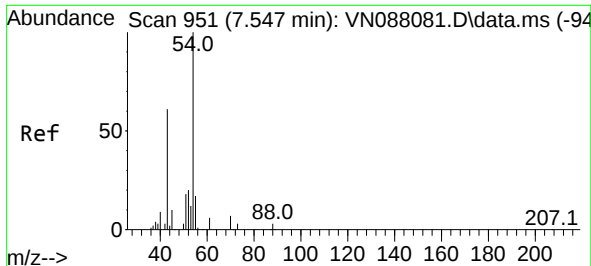


#36
1,1-Dichloropropene
Concen: 21.795 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



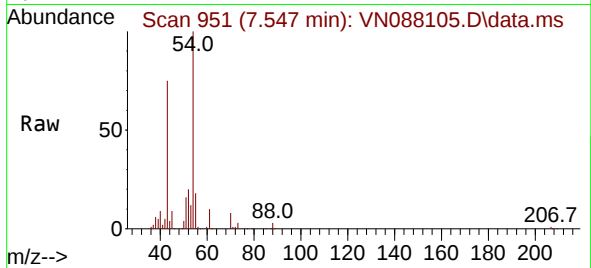
Tgt Ion: 75 Resp: 120548
Ion Ratio Lower Upper
75 100
110 31.3 15.9 47.6
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 21.888 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

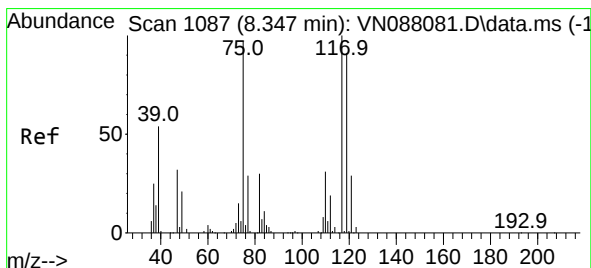
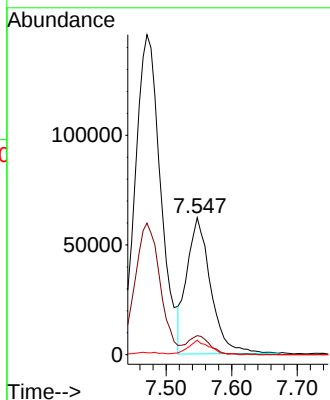
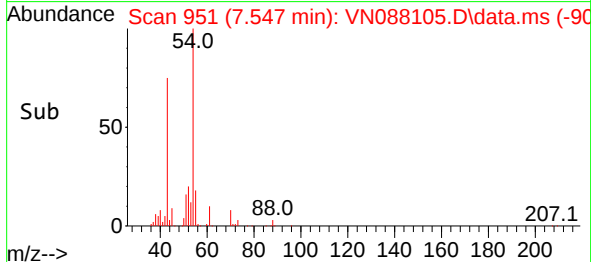
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion: 43 Resp: 15623
Ion Ratio Lower Upper
43 100
61 12.2 9.3 13.9
70 9.6 7.0 10.6

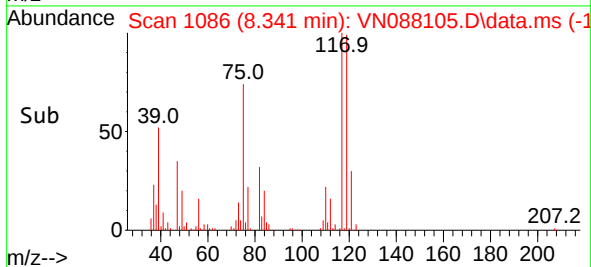
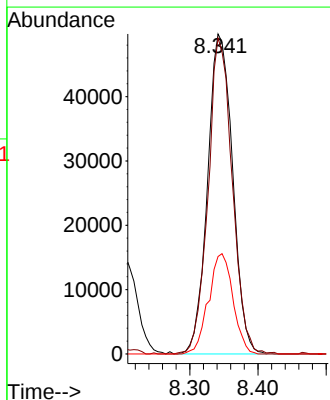
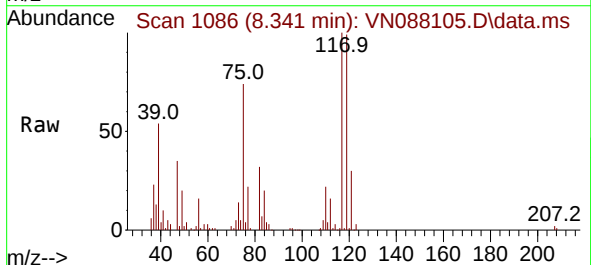
Manual Integrations
APPROVED

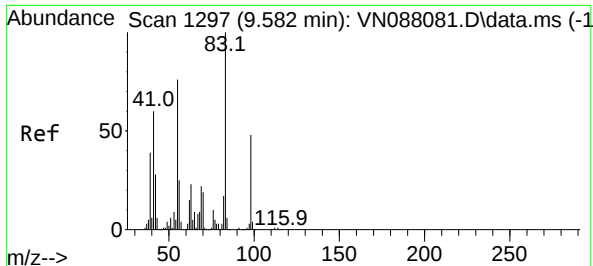
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#38
Carbon Tetrachloride
Concen: 22.238 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:117 Resp: 127037
Ion Ratio Lower Upper
117 100
119 98.7 79.0 118.6
121 30.4 25.0 37.6





#39

Methylcyclohexane

Concen: 19.844 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

Tgt Ion: 83 Resp: 141080

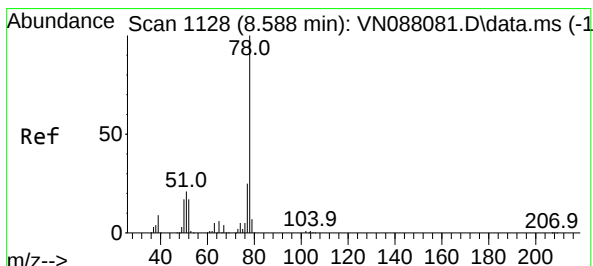
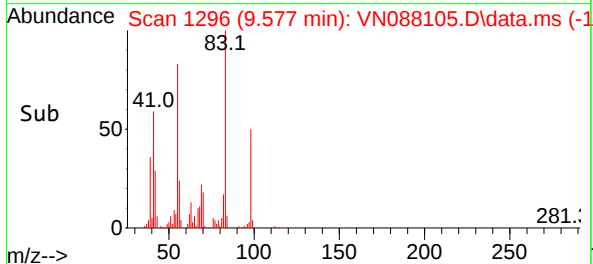
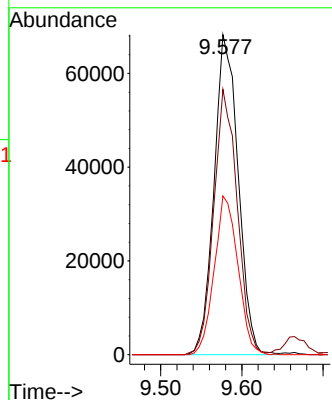
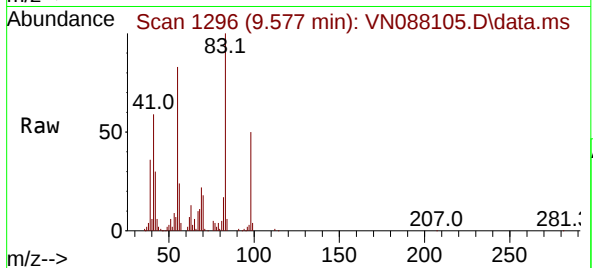
Ion	Ratio	Lower	Upper
83	100		
55	82.9	64.6	96.8
98	49.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#40

Benzene

Concen: 21.784 ug/l

RT: 8.588 min Scan# 1128

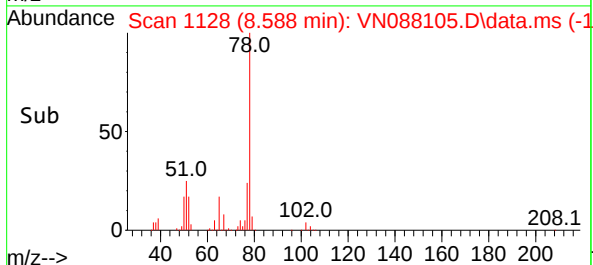
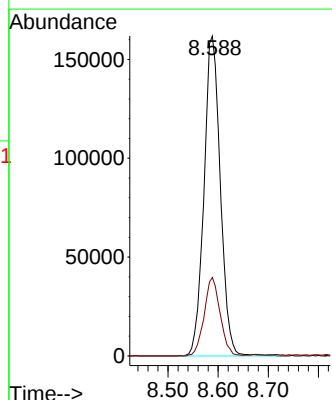
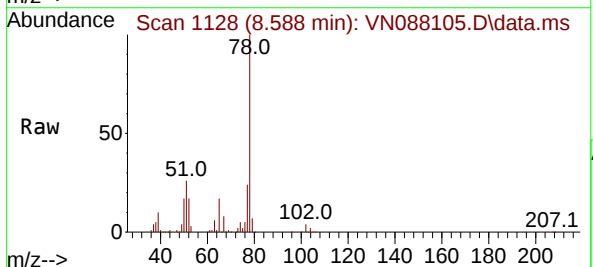
Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Tgt Ion: 78 Resp: 366941

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.7	29.5





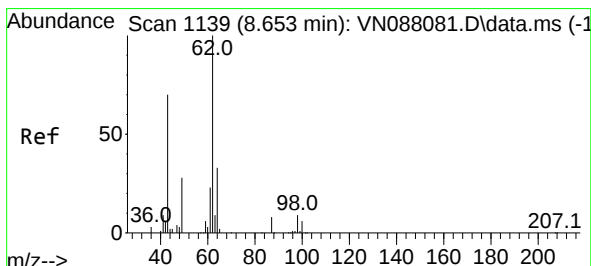
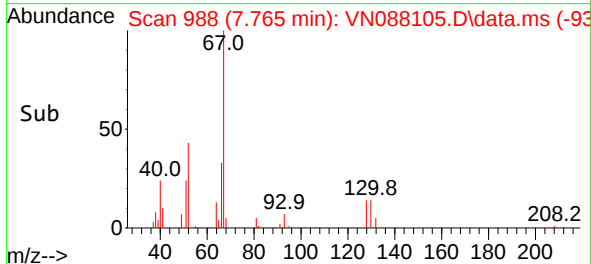
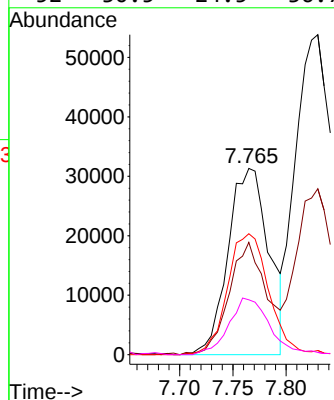
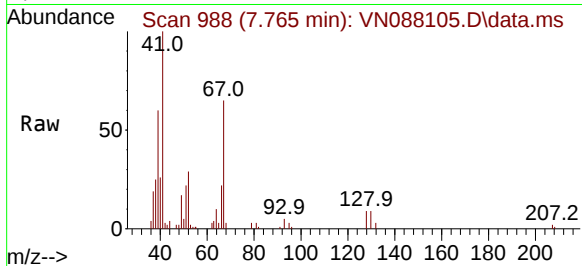
#41
Methacrylonitrile
Concen: 22.213 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion: 41 Resp: 83450
Ion Ratio Lower Upper
41 100
39 55.5 45.4 68.0
67 66.1 55.3 82.9
52 30.5 24.5 36.7

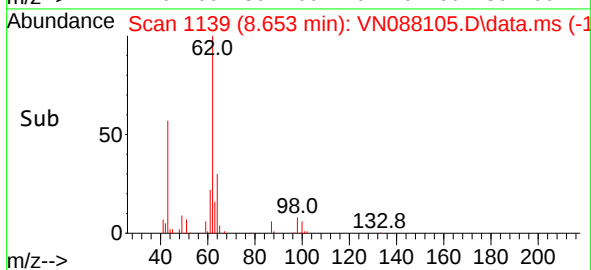
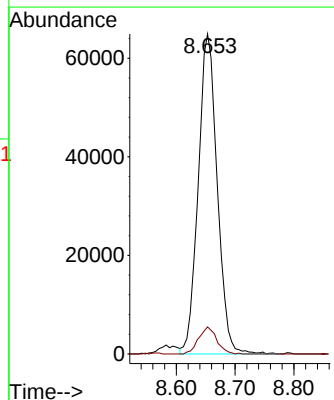
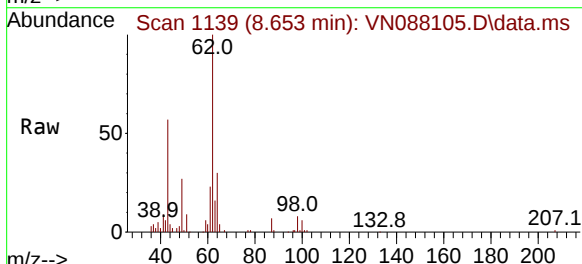
Manual Integrations
APPROVED

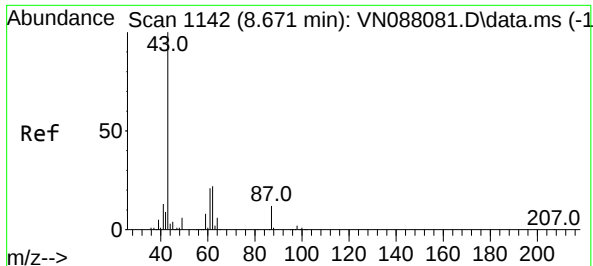
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#42
1,2-Dichloroethane
Concen: 24.352 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

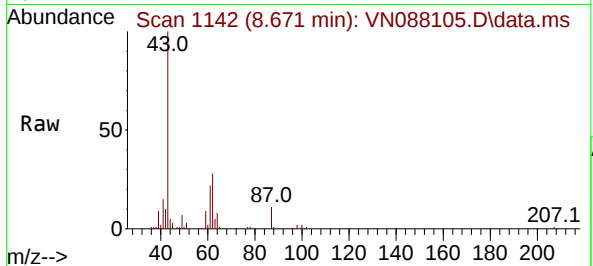
Tgt Ion: 62 Resp: 145750
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.4





#43
Isopropyl Acetate
Concen: 22.762 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

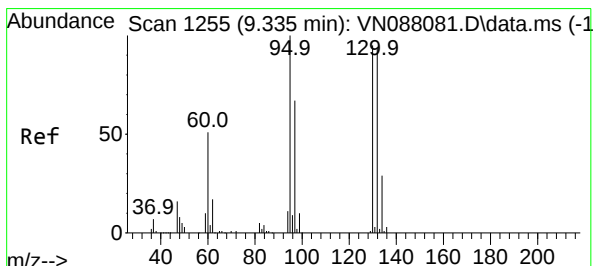
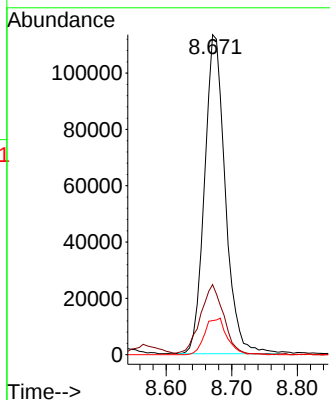
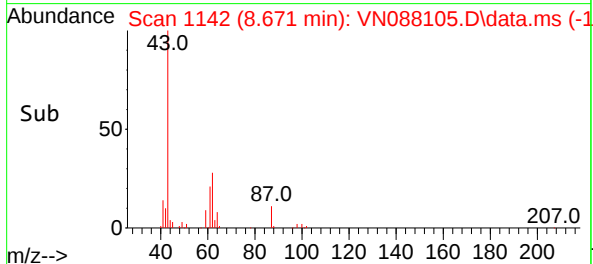
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion: 43 Resp: 249652
Ion Ratio Lower Upper
43 100
61 25.0 18.8 28.2
87 12.3 9.6 14.4

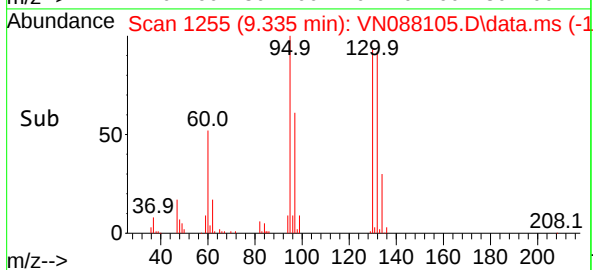
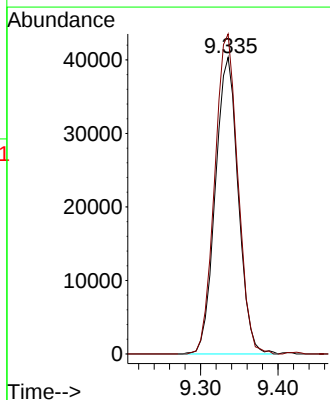
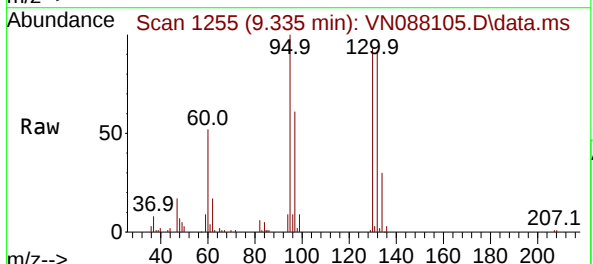
Manual Integrations
APPROVED

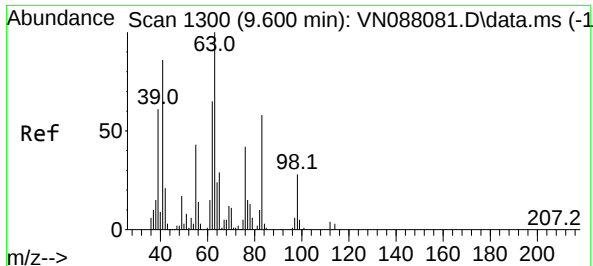
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#44
Trichloroethene
Concen: 21.093 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:130 Resp: 83048
Ion Ratio Lower Upper
130 100
95 107.9 0.0 212.0





#45

1,2-Dichloropropane

Concen: 21.901 ug/l

RT: 9.606 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

Tgt Ion: 63 Resp: 9313

Ion Ratio Lower Upper

63 100

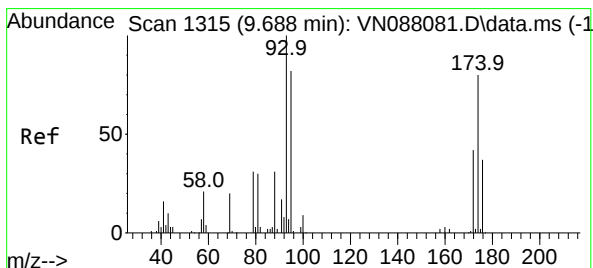
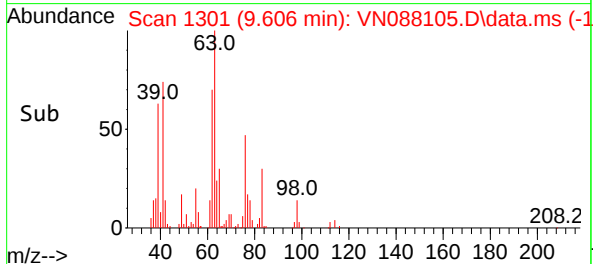
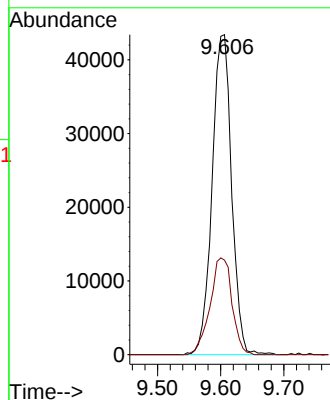
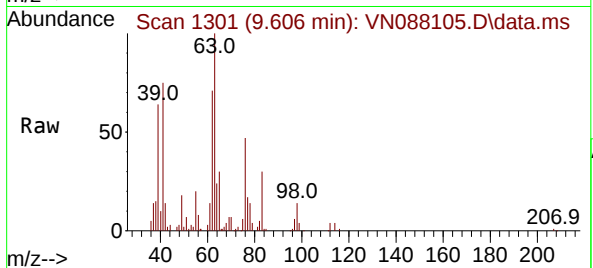
65 29.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#46

Dibromomethane

Concen: 22.297 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

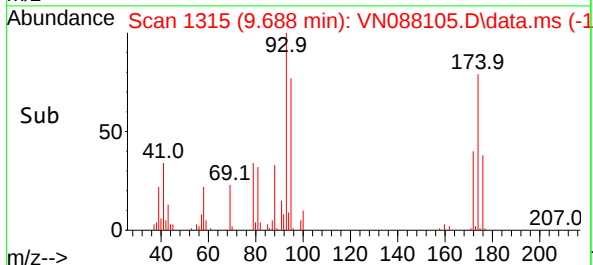
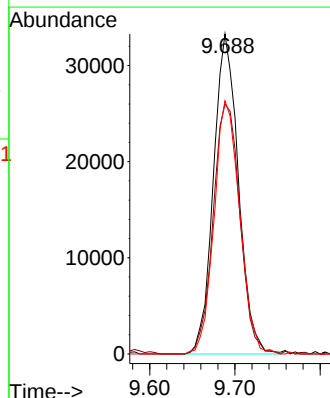
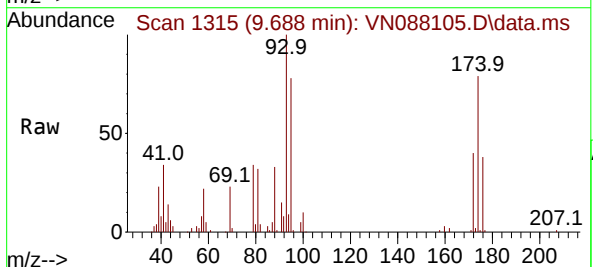
Tgt Ion: 93 Resp: 67628

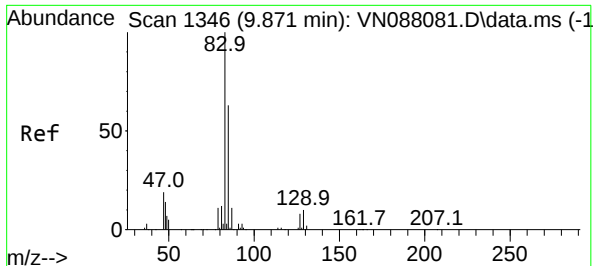
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

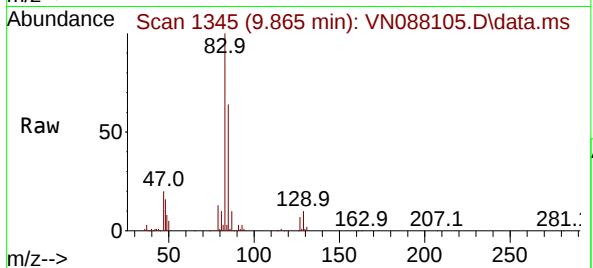
174 81.3 63.4 95.2





#47
Bromodichloromethane
Concen: 22.756 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

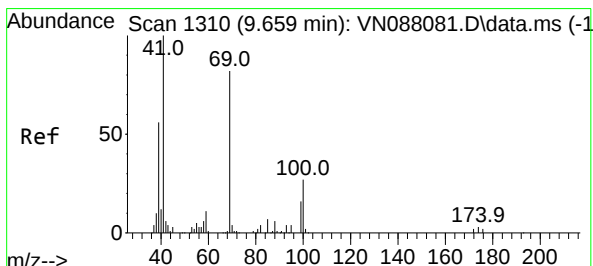
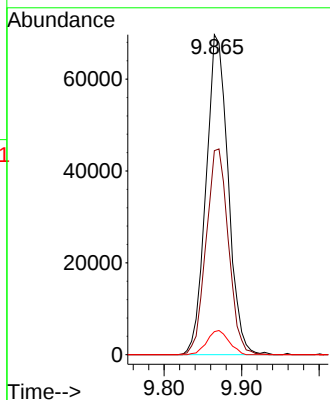
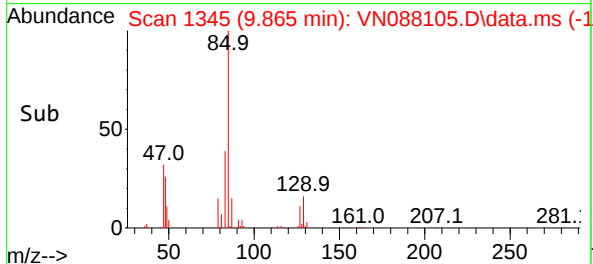
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



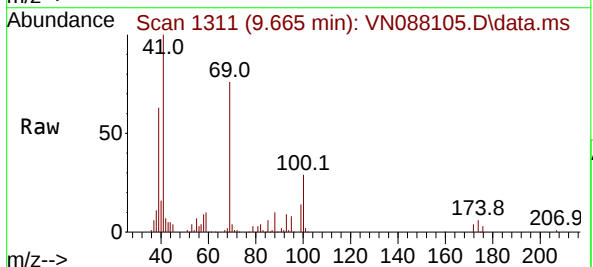
Tgt Ion: 83 Resp: 13818
Ion Ratio Lower Upper
83 100
85 63.7 52.5 78.7
127 7.2 5.8 8.6

Manual Integrations
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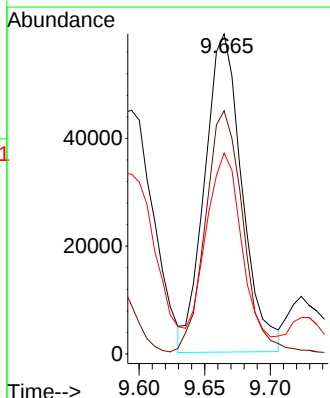
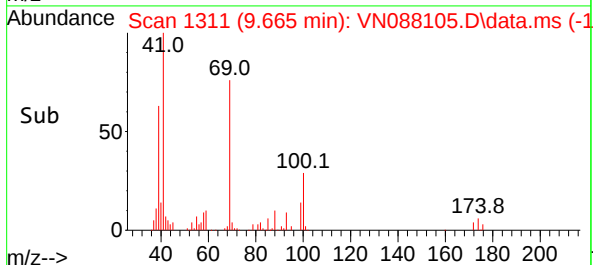
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

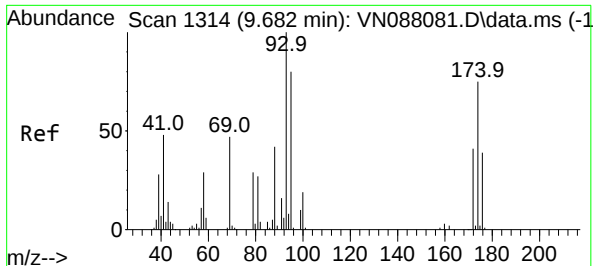


#48
Methyl methacrylate
Concen: 23.077 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



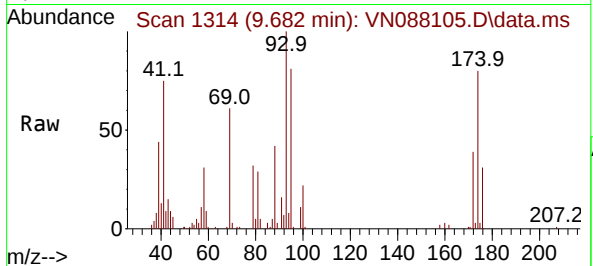
Tgt Ion: 41 Resp: 116857
Ion Ratio Lower Upper
41 100
69 77.2 62.7 94.1
39 61.8 52.9 79.3





#49
1,4-Dioxane
Concen: 437.028 ug/l
RT: 9.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

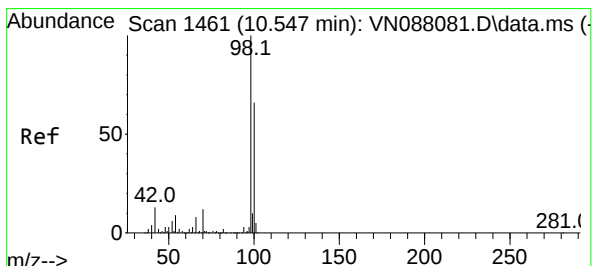
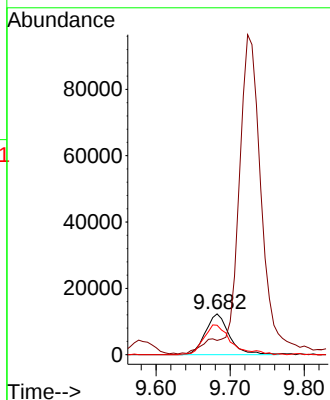
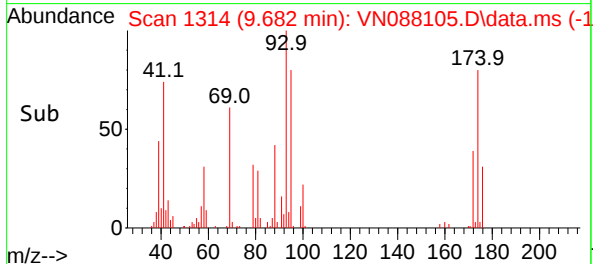
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



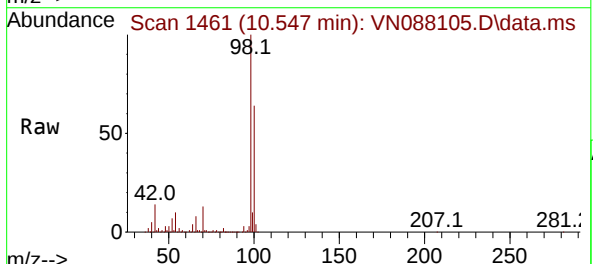
Tgt Ion: 88 Resp: 27524
Ion Ratio Lower Upper
88 100
43 26.8 0.0 0.0
58 83.4 57.9 86.9

Manual Integrations
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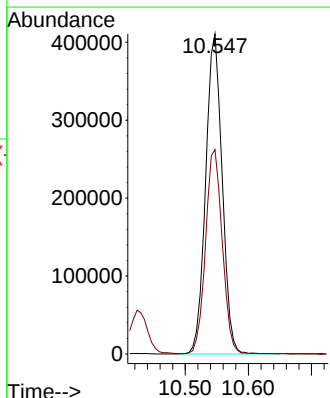
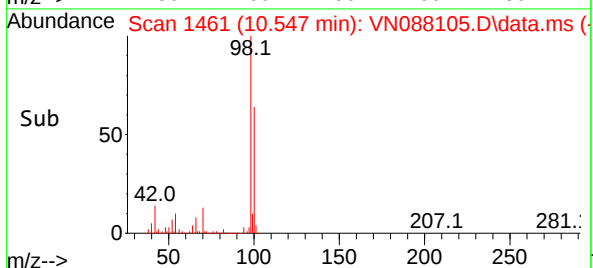
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

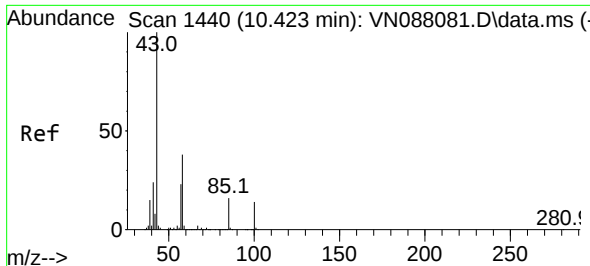


#50
Toluene-d8
Concen: 51.068 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



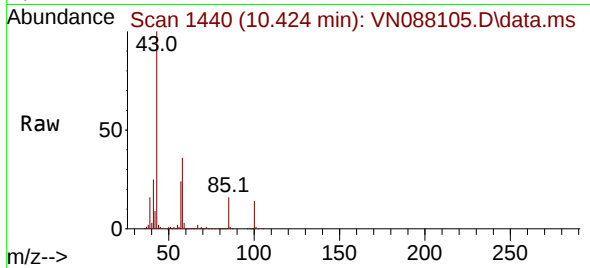
Tgt Ion: 98 Resp: 745408
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 116.567 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

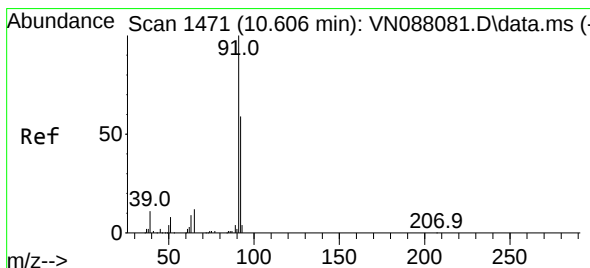
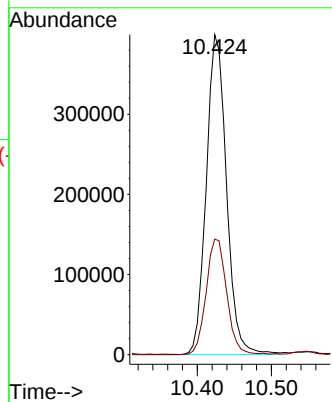
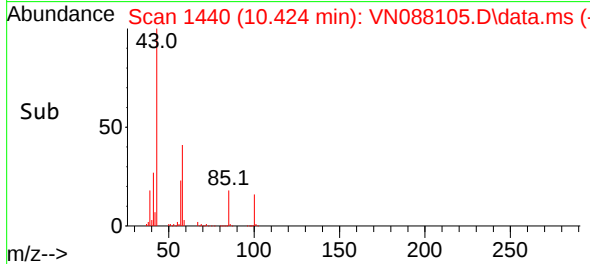
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion: 43 Resp: 756352
Ion Ratio Lower Upper
43 100
58 36.9 29.6 44.4

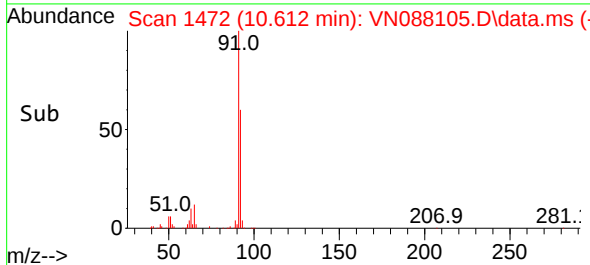
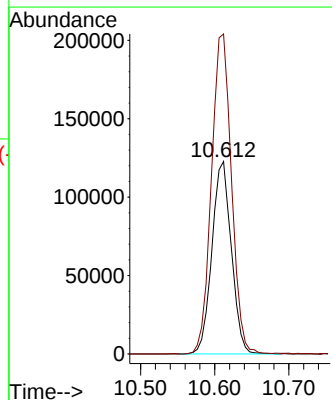
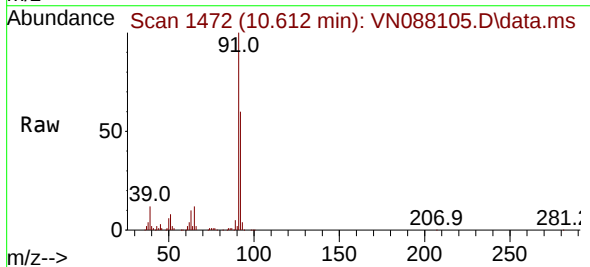
Manual Integrations
APPROVED

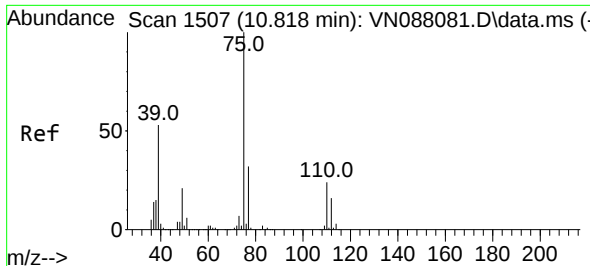
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#52
Toluene
Concen: 21.487 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

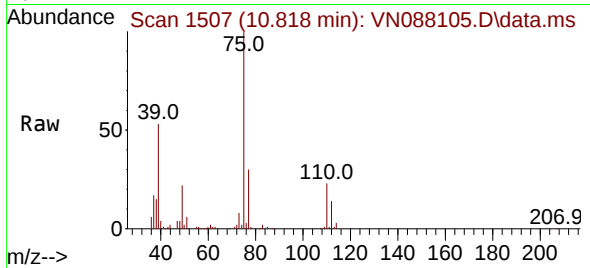
Tgt Ion: 92 Resp: 223155
Ion Ratio Lower Upper
92 100
91 171.6 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 21.872 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

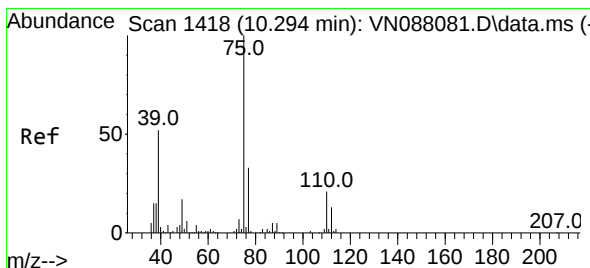
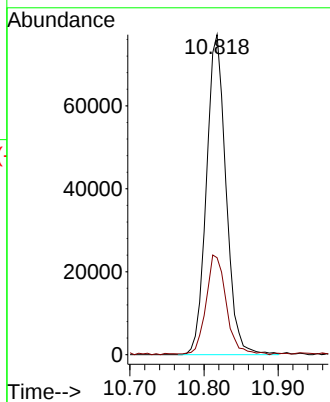
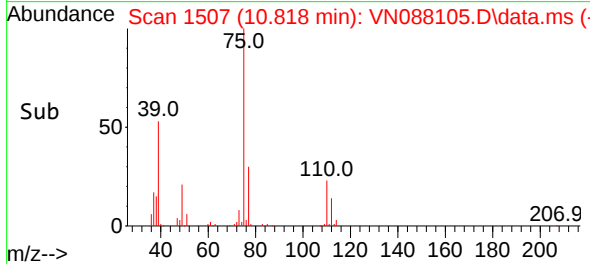
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



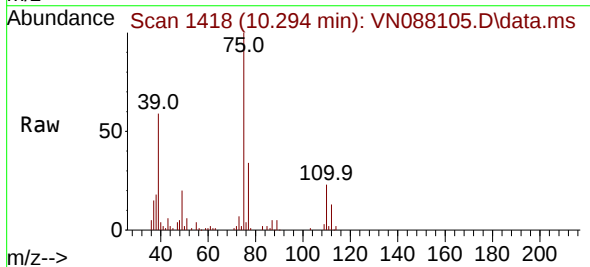
Tgt Ion: 75 Resp: 14136
Ion Ratio Lower Upper
75 100
77 30.1 25.2 37.8

Manual Integrations
APPROVED

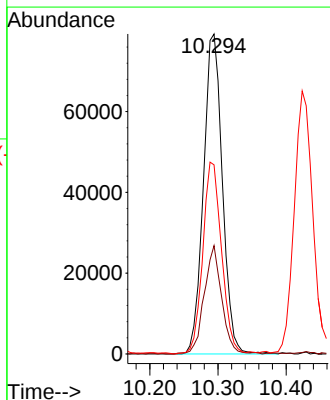
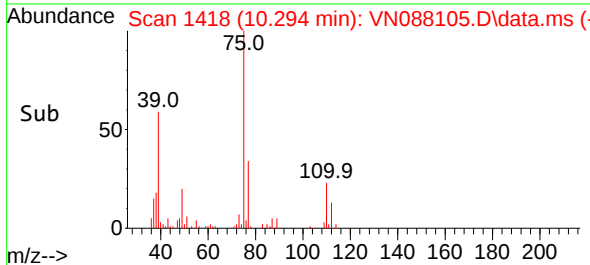
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

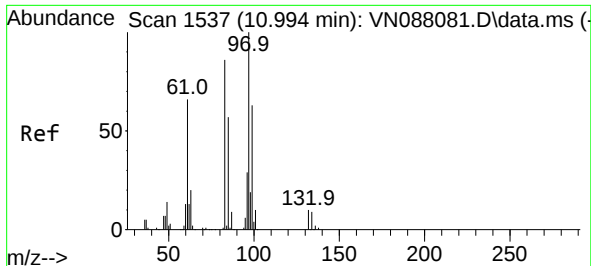


#54
cis-1,3-Dichloropropene
Concen: 22.294 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



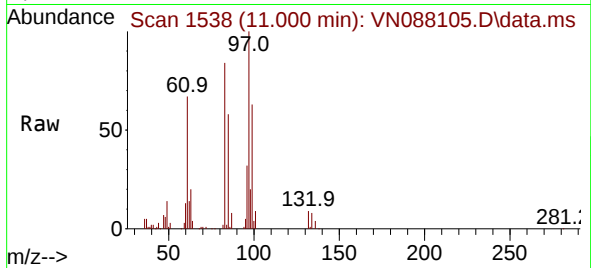
Tgt Ion: 75 Resp: 152892
Ion Ratio Lower Upper
75 100
77 33.6 24.6 37.0
39 58.9 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 22.149 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

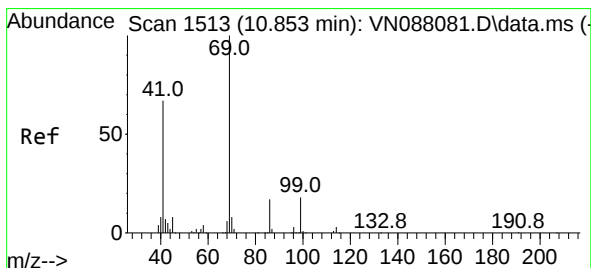
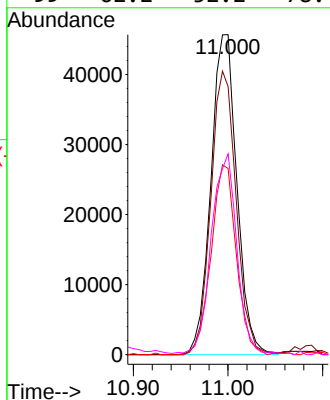
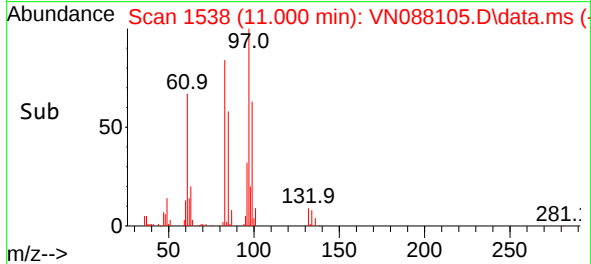
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion: 97 Resp: 87269
Ion Ratio Lower Upper
97 100
83 83.7 68.2 102.4
85 58.2 45.5 68.3
99 62.2 52.2 78.4

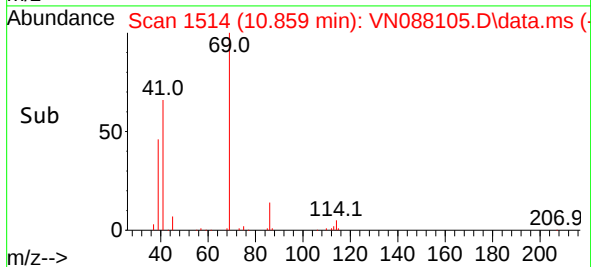
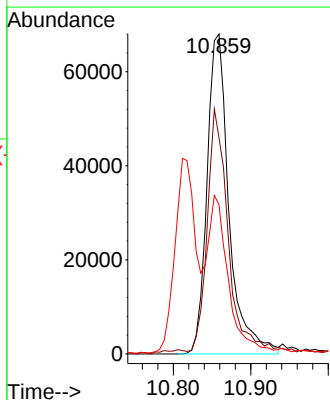
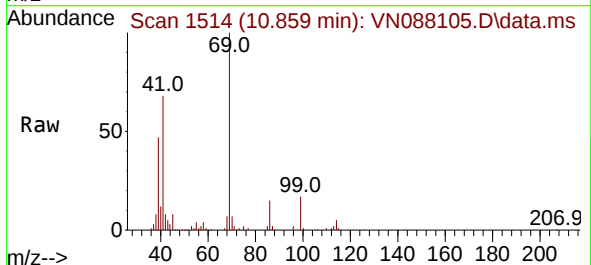
Manual Integrations
APPROVED

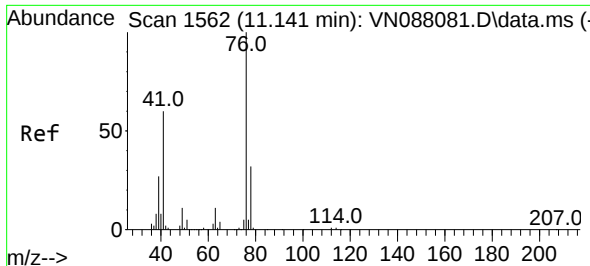
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#56
Ethyl methacrylate
Concen: 21.574 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 69 Resp: 134518
Ion Ratio Lower Upper
69 100
41 72.7 56.5 84.7
39 45.2 34.2 51.4





#57

1,3-Dichloropropane

Concen: 22.319 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

Tgt Ion: 76 Resp: 15457

Ion Ratio Lower Upper

76 100

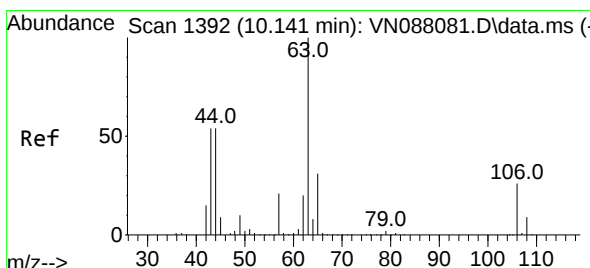
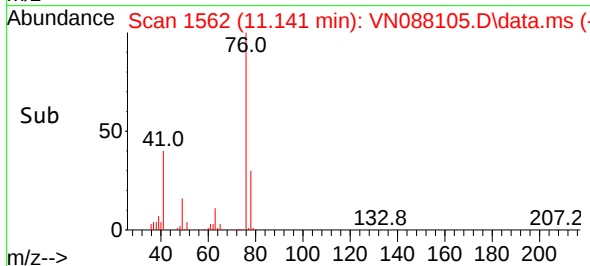
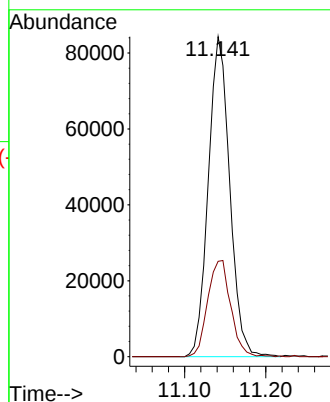
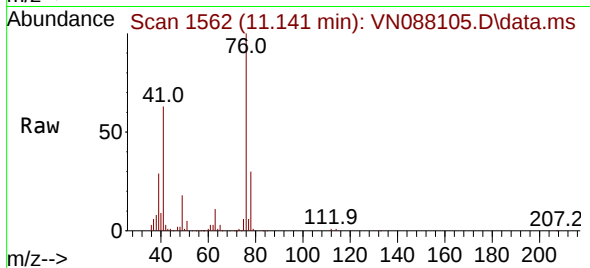
78 32.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 100.882 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088105.D

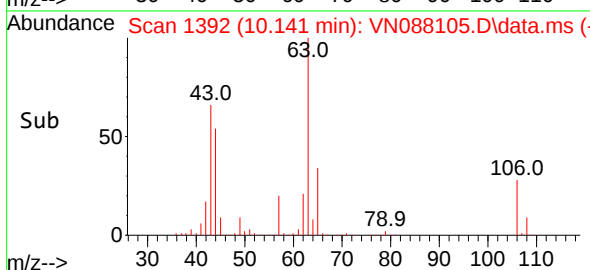
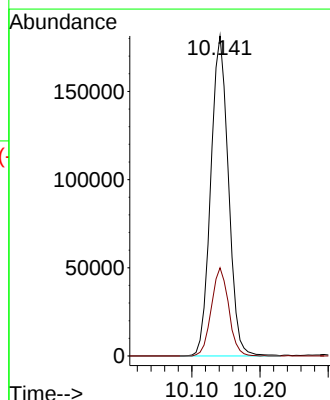
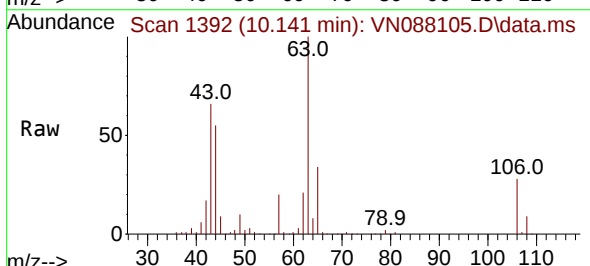
Acq: 27 Oct 2025 11:55

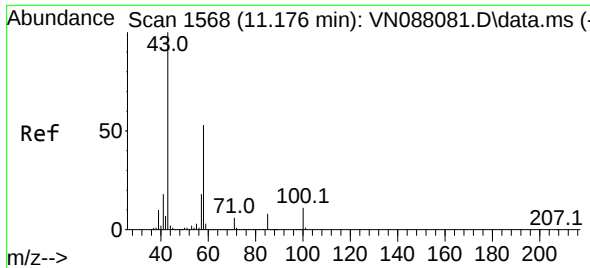
Tgt Ion: 63 Resp: 327194

Ion Ratio Lower Upper

63 100

106 26.9 21.1 31.7





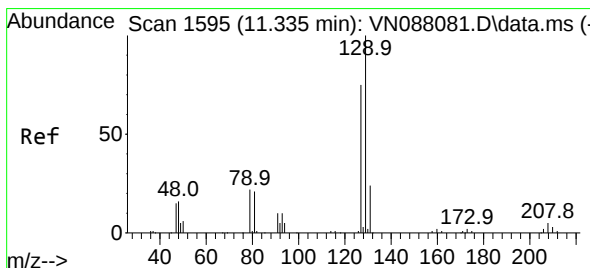
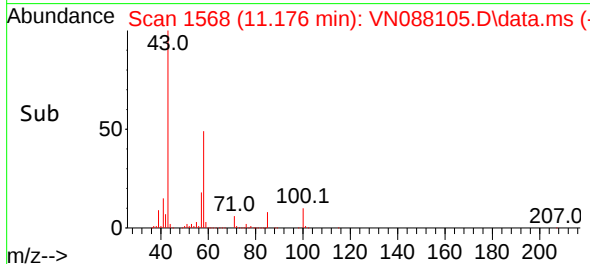
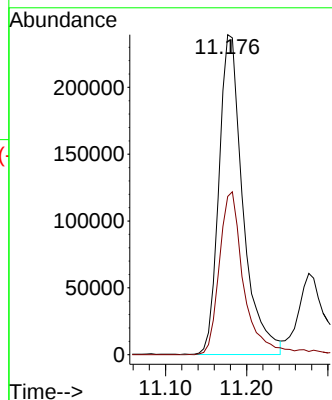
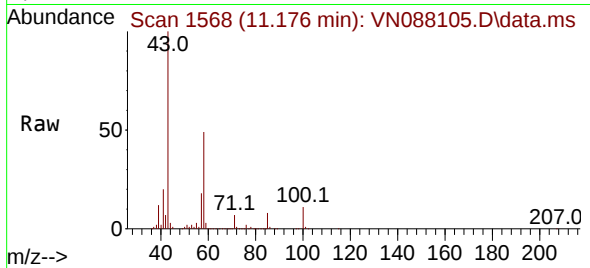
#59
2-Hexanone
Concen: 114.310 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion: 43 Resp: 49203
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.8

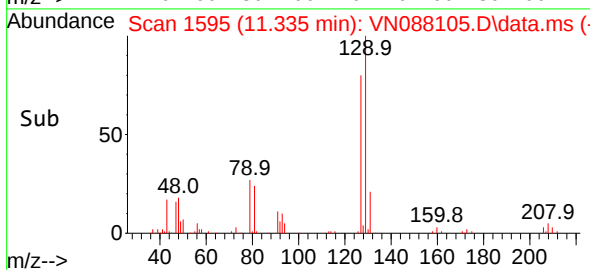
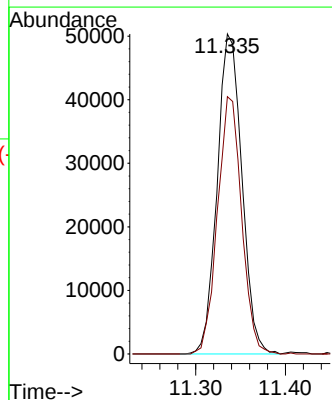
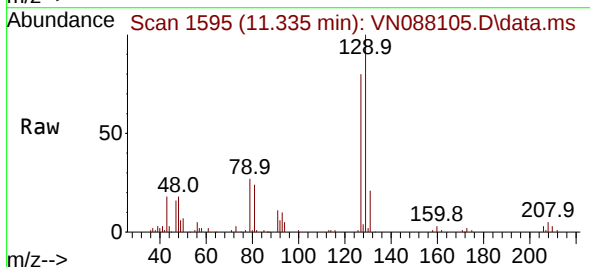
Manual Integrations
APPROVED

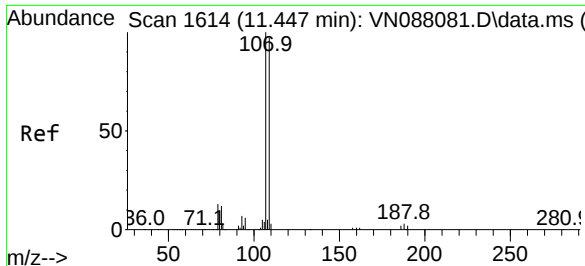
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#60
Dibromochloromethane
Concen: 21.507 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

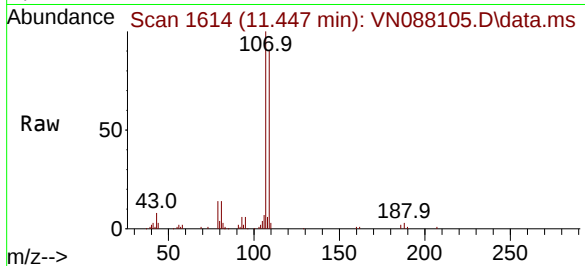
Tgt Ion:129 Resp: 96318
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.3





#61
1,2-Dibromoethane
Concen: 22.078 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

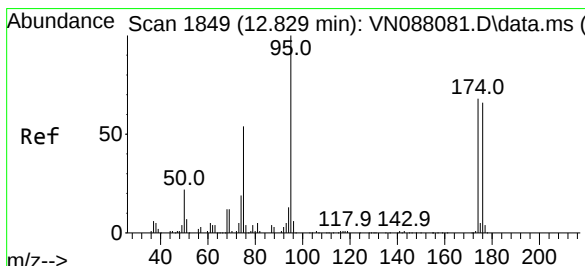
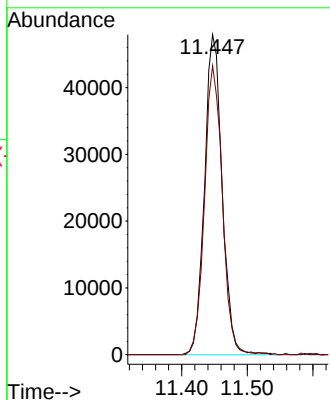
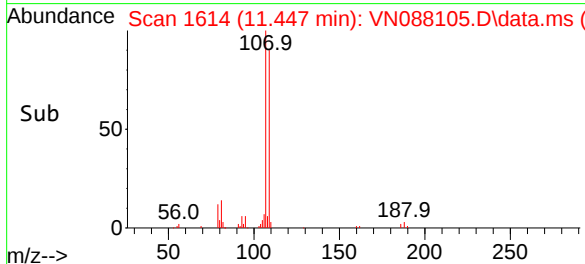
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



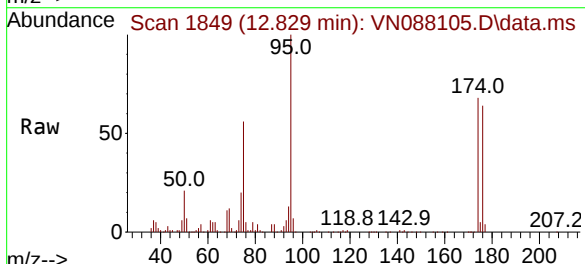
Tgt Ion:107 Resp: 8952
Ion Ratio Lower Upper
107 100
109 91.6 74.7 112.1

Manual Integrations
APPROVED

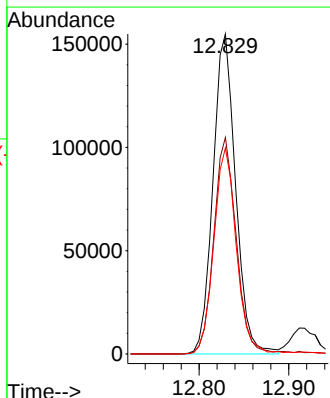
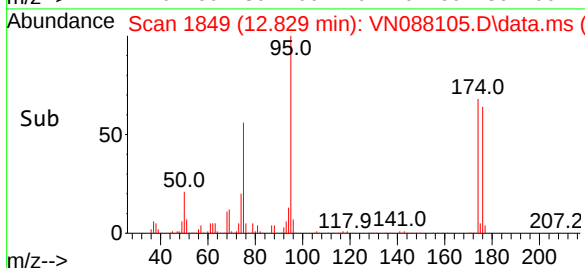
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

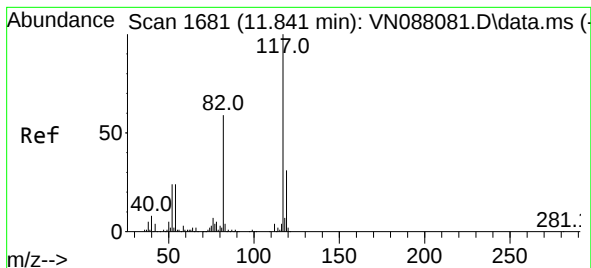


#62
4-Bromofluorobenzene
Concen: 52.599 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



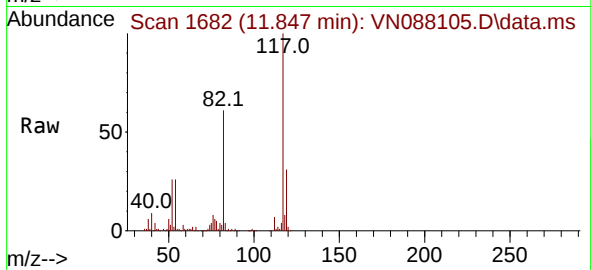
Tgt Ion: 95 Resp: 271139
Ion Ratio Lower Upper
95 100
174 67.3 0.0 138.4
176 64.3 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

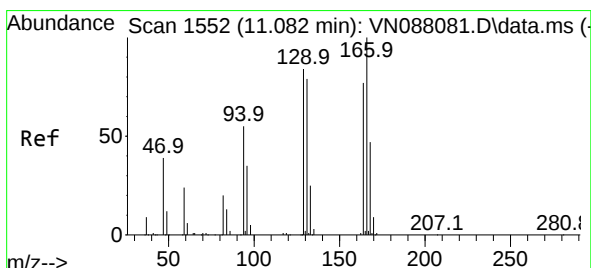
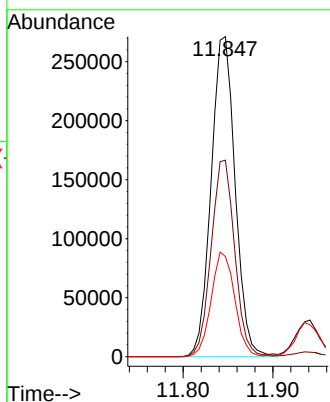
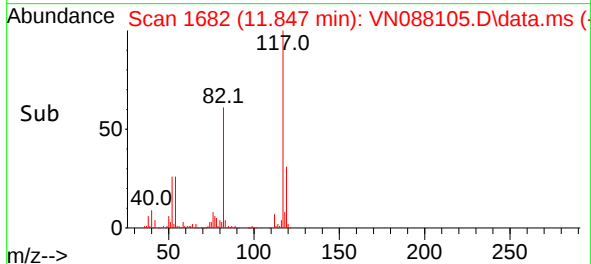
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion:117 Resp: 505093
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.3 24.3 36.5

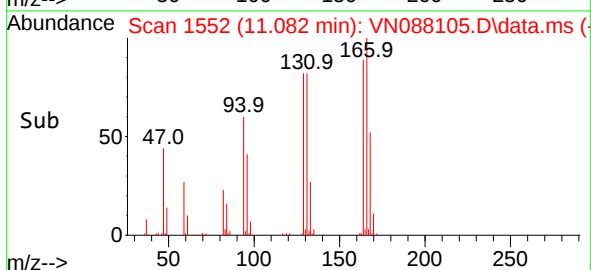
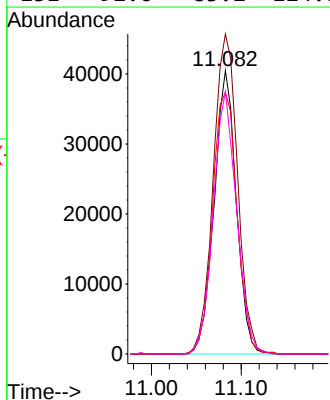
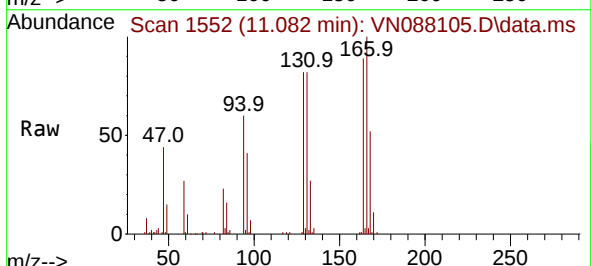
Manual Integrations
APPROVED

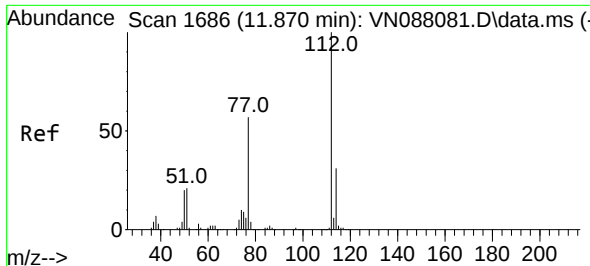
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#64
Tetrachloroethene
Concen: 20.900 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:164 Resp: 69633
Ion Ratio Lower Upper
164 100
166 112.9 97.7 146.5
129 92.5 85.9 128.9
131 92.6 83.2 124.8





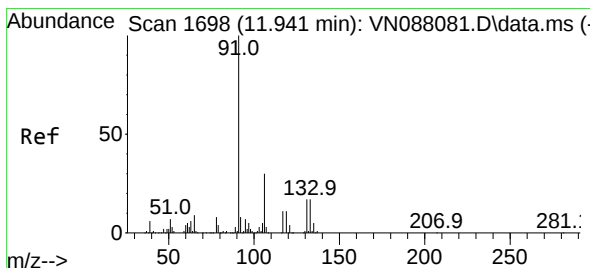
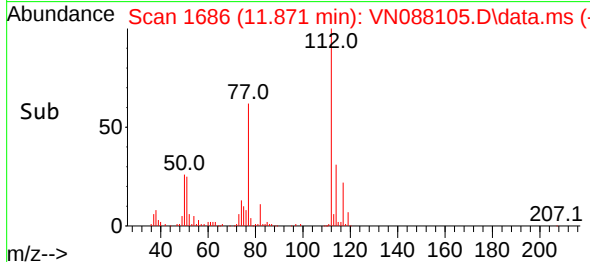
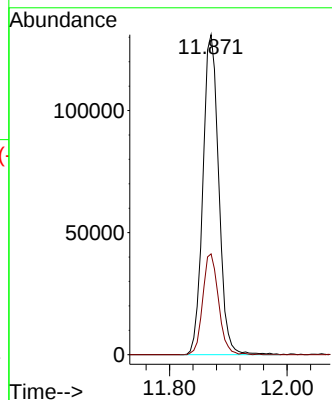
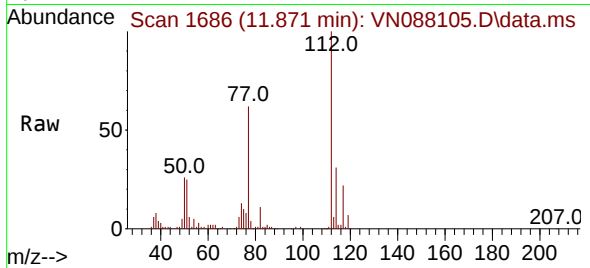
#65
Chlorobenzene
Concen: 21.338 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion:112 Resp: 24473
Ion Ratio Lower Upper
112 100
114 31.5 24.3 36.5

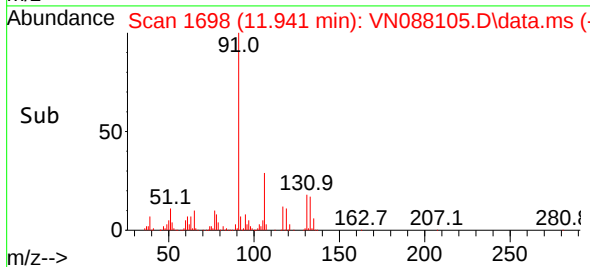
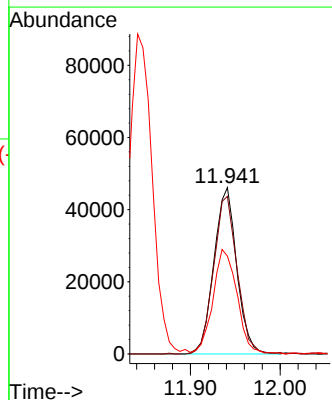
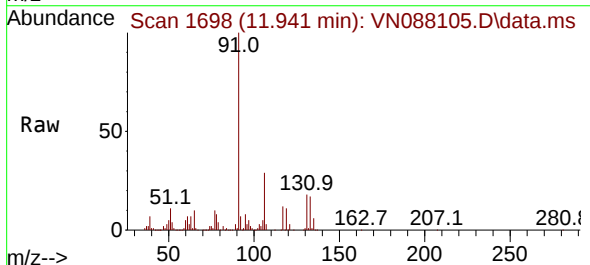
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.722 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

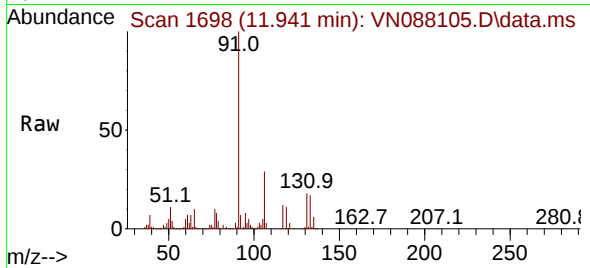
Tgt Ion:131 Resp: 81619
Ion Ratio Lower Upper
131 100
133 97.6 48.0 144.0
119 66.3 32.6 97.7





#67
Ethyl Benzene
Concen: 20.925 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

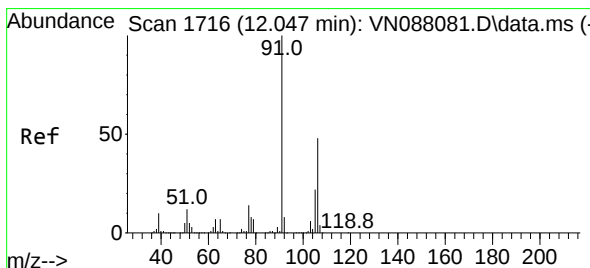
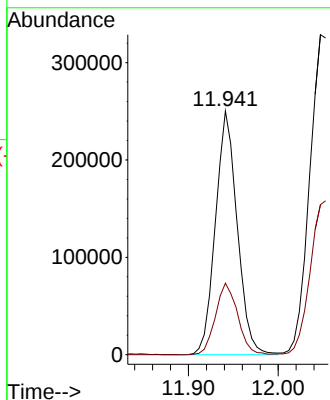
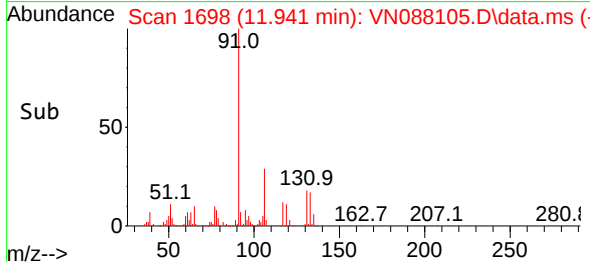
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



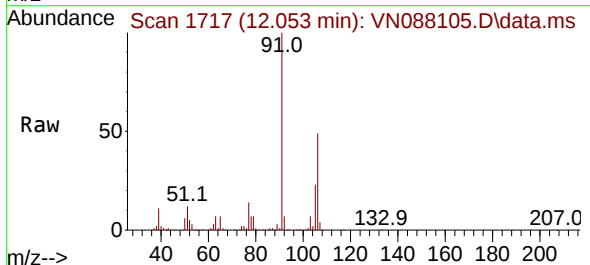
Tgt Ion: 91 Resp: 421252
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1

Manual Integrations
APPROVED

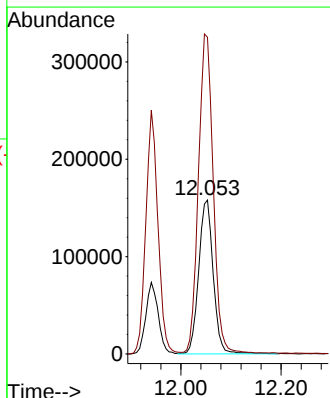
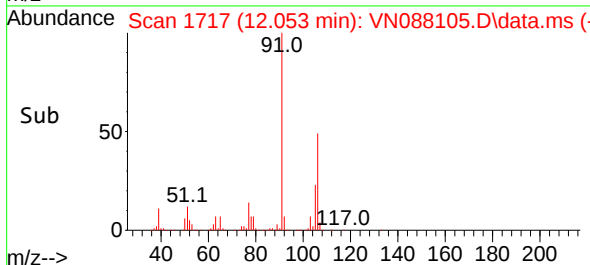
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

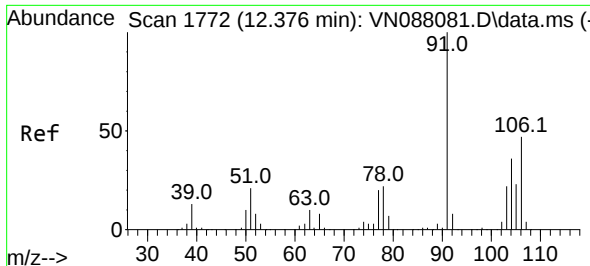


#68
m/p-Xylenes
Concen: 42.070 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



Tgt Ion:106 Resp: 317335
Ion Ratio Lower Upper
106 100
91 210.9 169.3 253.9





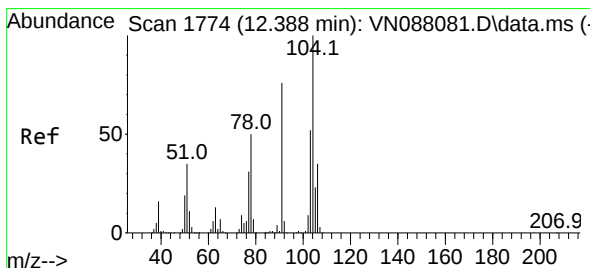
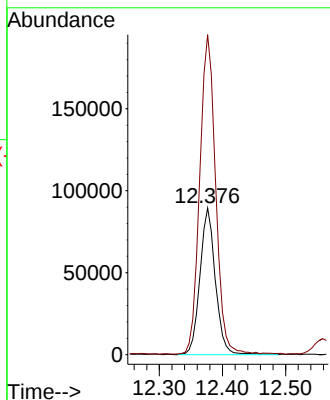
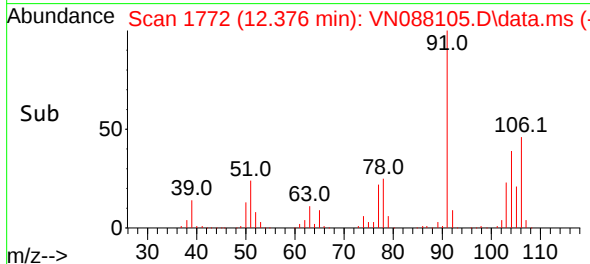
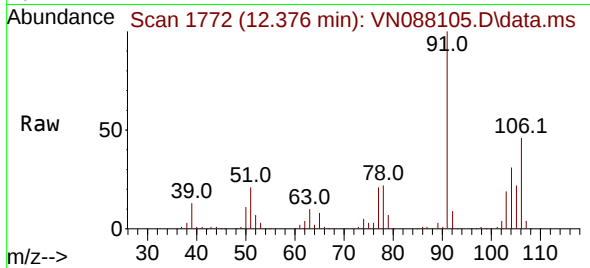
#69
o-Xylene
Concen: 21.227 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion:106 Resp: 15178
Ion Ratio Lower Upper
106 100
91 224.8 111.4 334.2

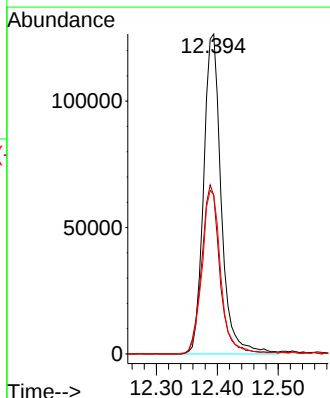
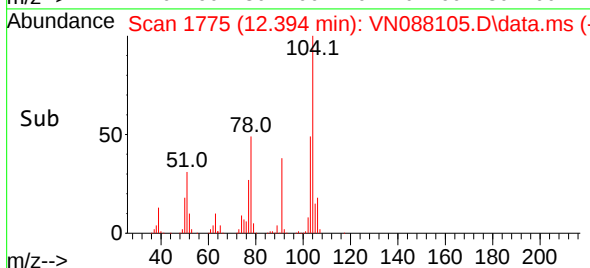
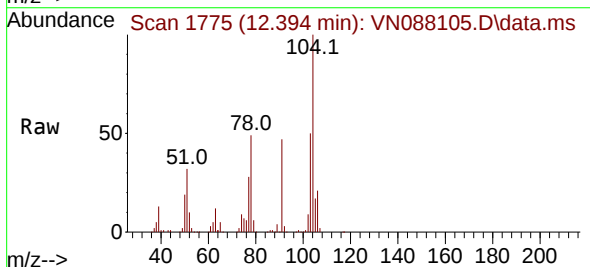
Manual Integrations
APPROVED

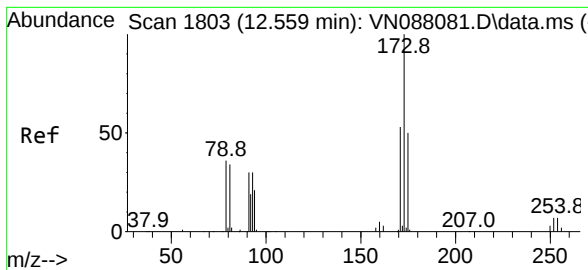
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#70
Styrene
Concen: 21.855 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:104 Resp: 254839
Ion Ratio Lower Upper
104 100
78 54.7 42.2 63.2
103 55.0 43.4 65.2





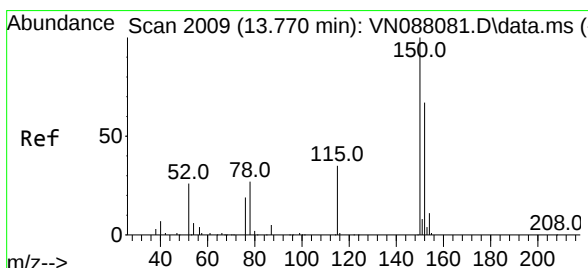
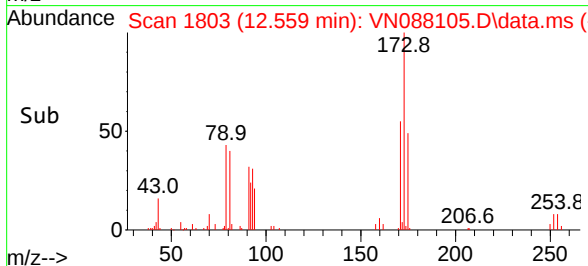
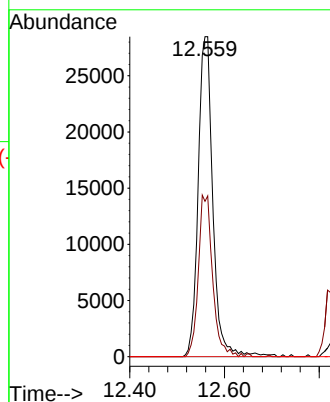
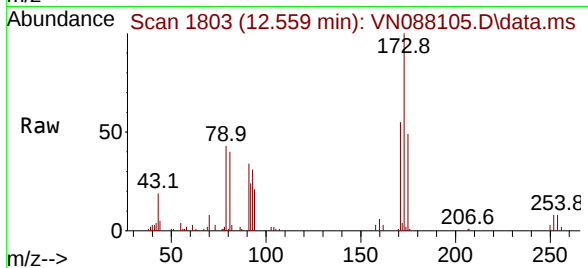
#71
Bromoform
Concen: 21.810 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion:173 Resp: 6115
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.6
254 0.0 0.1 0.1

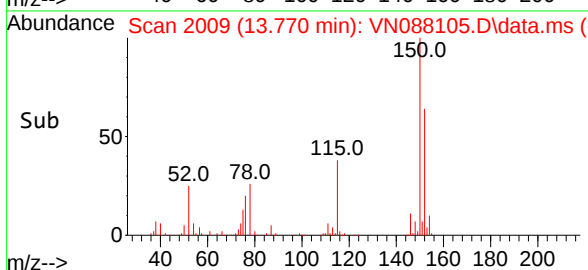
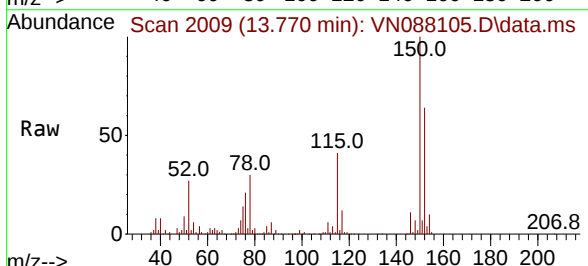
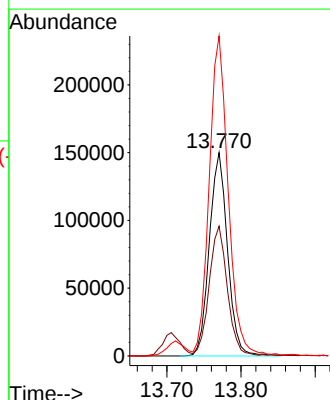
Manual Integrations
APPROVED

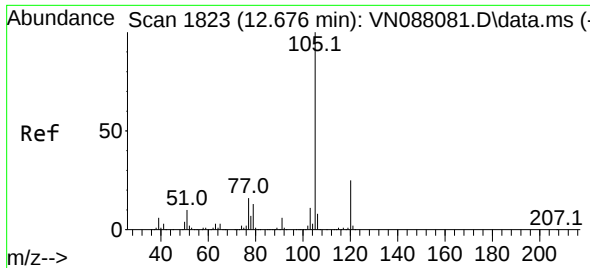
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:152 Resp: 256562
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 162.2 0.0 351.0





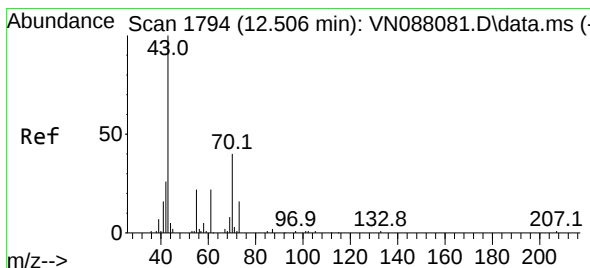
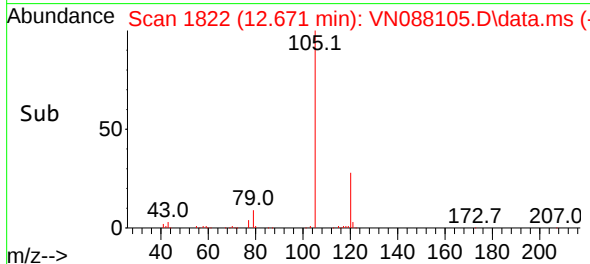
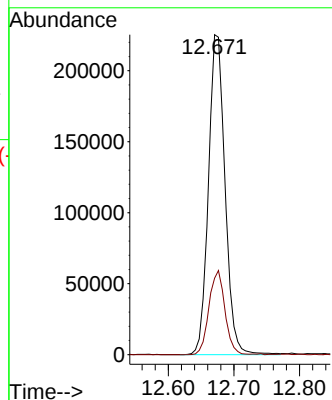
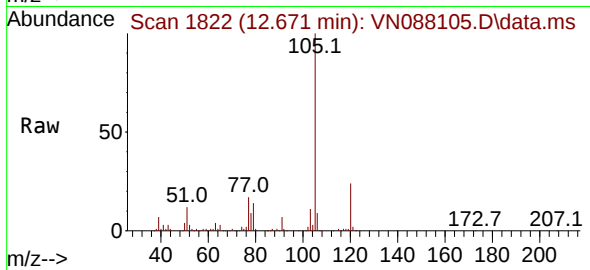
#73
Isopropylbenzene
Concen: 20.084 ug/l
RT: 12.671 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion:105 Resp: 39742
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3

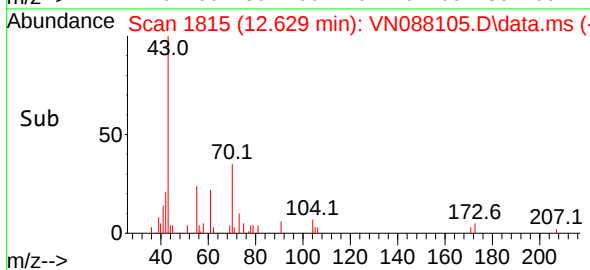
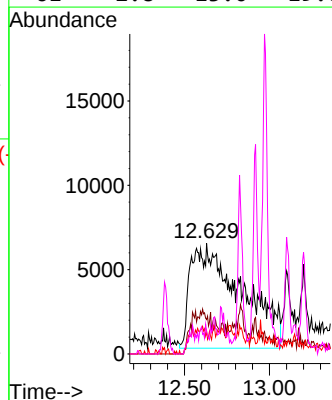
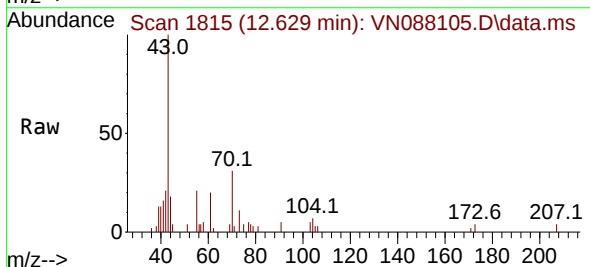
Manual Integrations
APPROVED

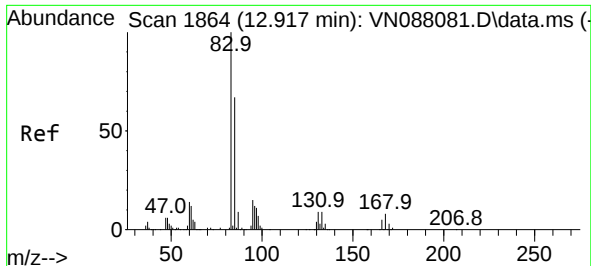
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#74
N-ethyl acetate
Concen: 22.852 ug/l m
RT: 12.629 min Scan# 1815
Delta R.T. 0.129 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

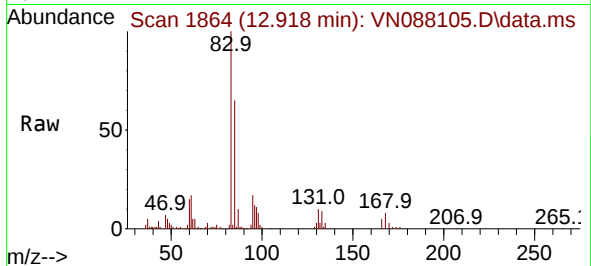
Tgt Ion: 43 Resp: 128367
Ion Ratio Lower Upper
43 100
70 4.3 27.6 41.4#
55 2.5 13.0 19.6#
61 2.8 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.456 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

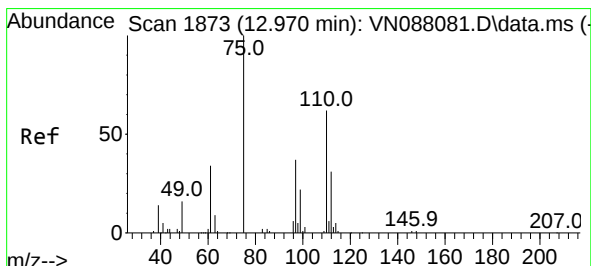
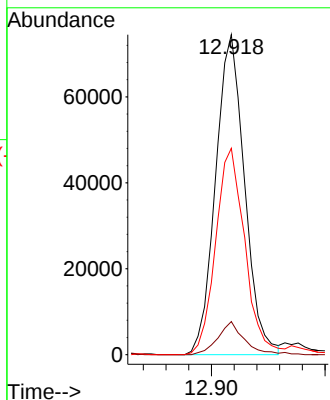
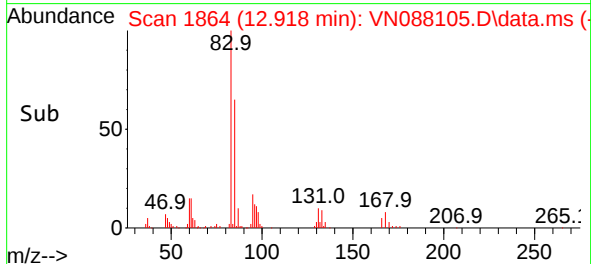
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



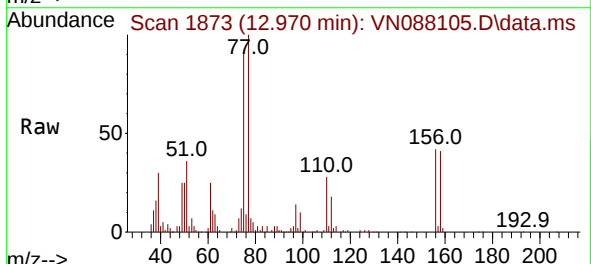
Tgt Ion: 83 Resp: 13218
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 64.9 32.1 96.3

Manual Integrations
APPROVED

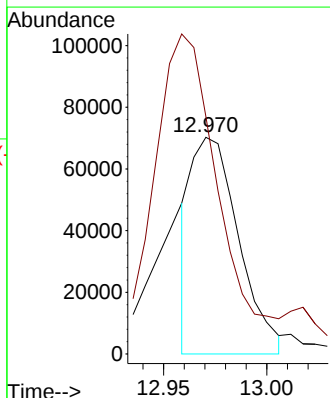
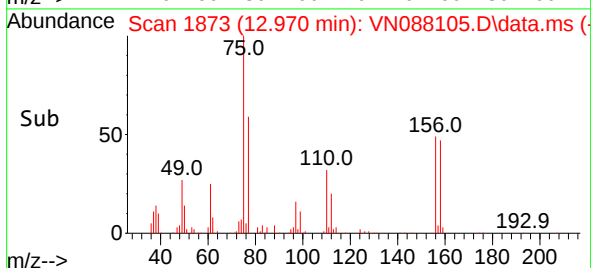
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

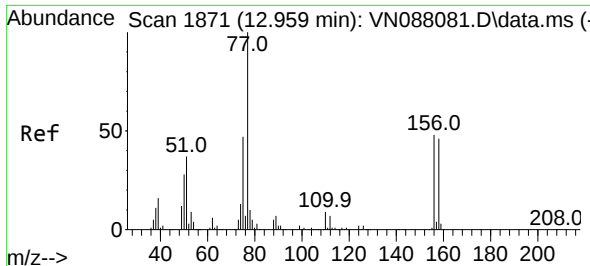


#76
1,2,3-Trichloropropane
Concen: 19.169 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



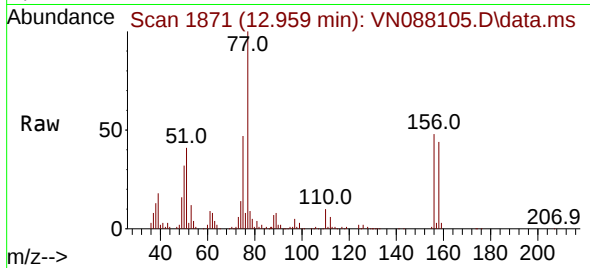
Tgt Ion: 75 Resp: 112443
Ion Ratio Lower Upper
75 100
77 203.2 89.1 267.4





#77
Bromobenzene
Concen: 21.683 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

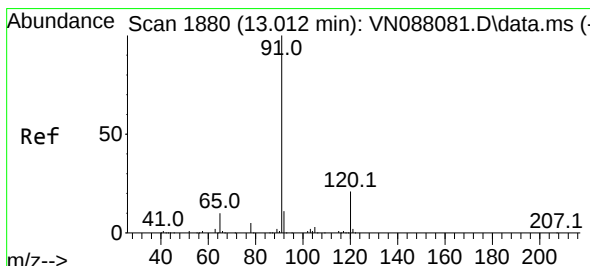
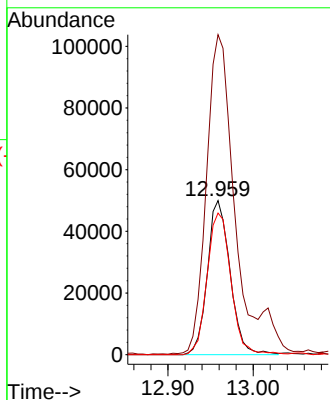
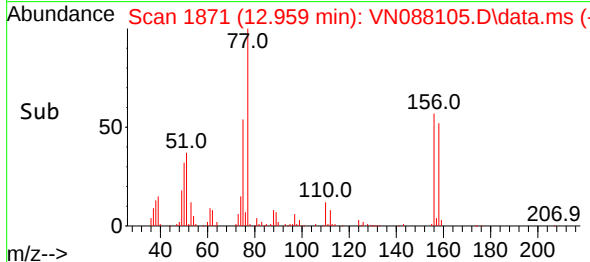
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



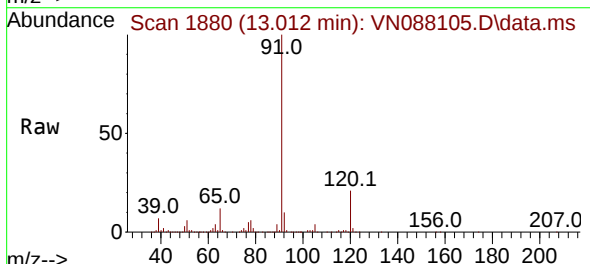
Tgt Ion:156 Resp: 9252
Ion Ratio Lower Upper
156 100
77 246.9 119.3 358.0
158 96.3 48.2 144.6

Manual Integrations
APPROVED

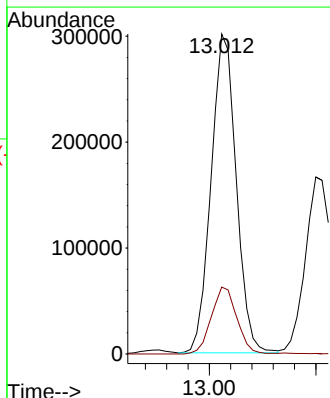
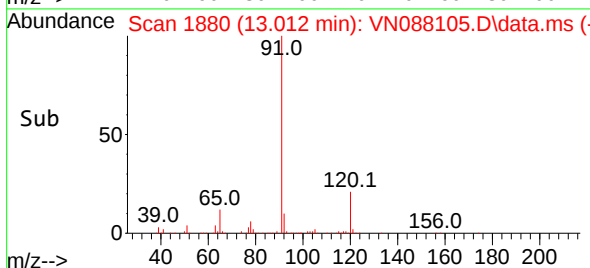
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

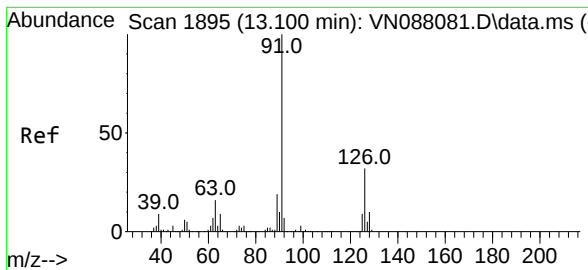


#78
n-propylbenzene
Concen: 20.404 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55



Tgt Ion: 91 Resp: 492713
Ion Ratio Lower Upper
91 100
120 21.3 10.7 32.1





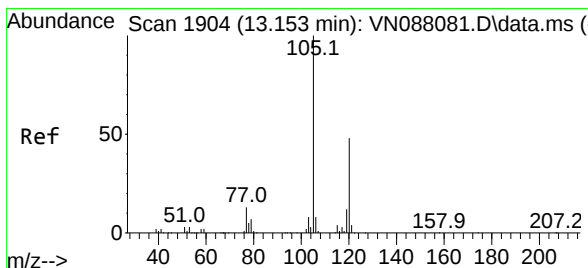
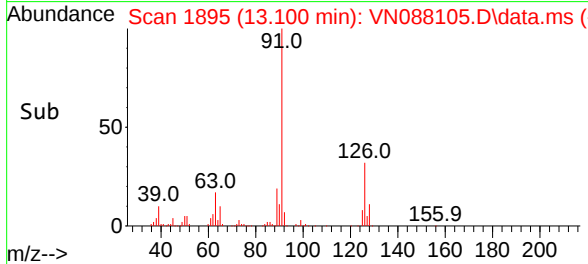
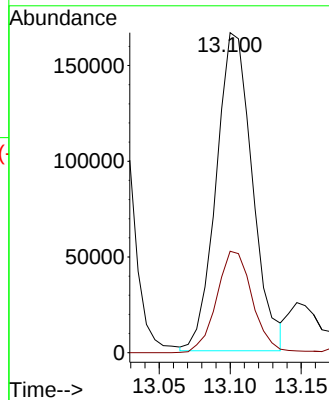
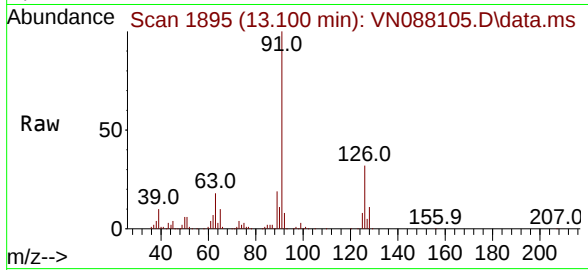
#79
2-Chlorotoluene
Concen: 21.413 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion: 91 Resp: 294890
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.3

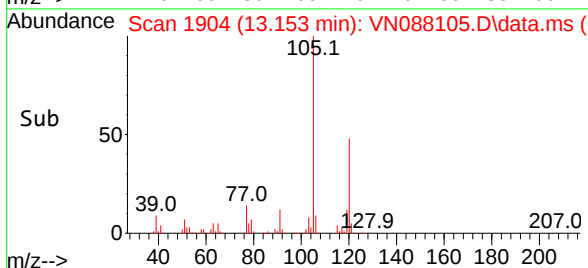
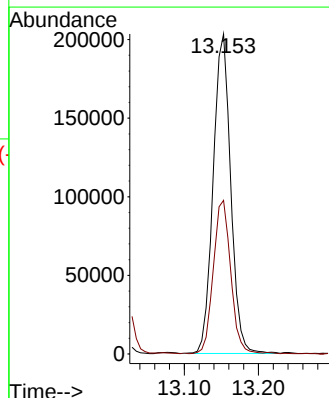
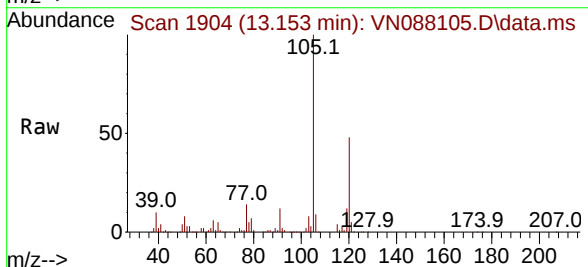
Manual Integrations
APPROVED

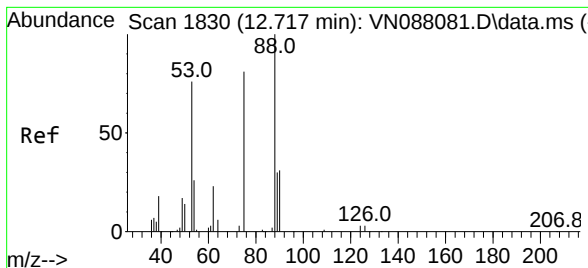
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.311 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

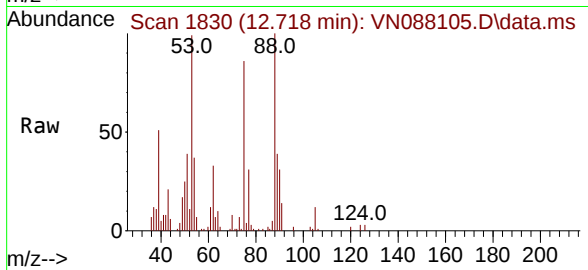
Tgt Ion:105 Resp: 333799
Ion Ratio Lower Upper
105 100
120 47.6 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.156 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

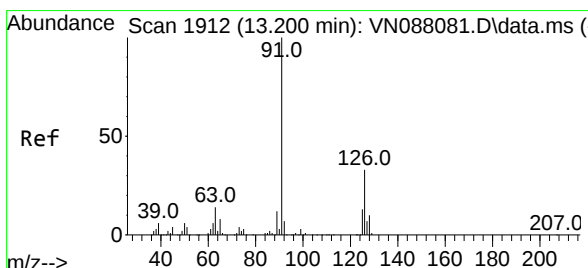
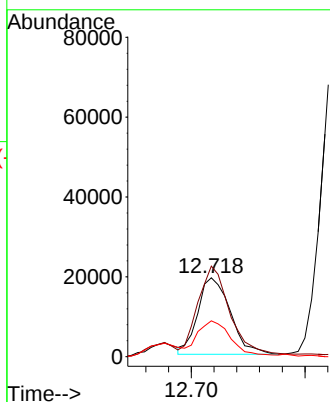
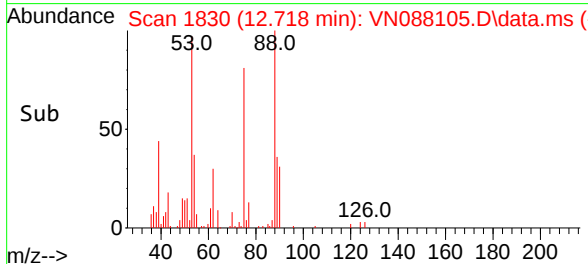
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion: 75 Resp: 38179
Ion Ratio Lower Upper
75 100
53 113.7 101.8 152.6
89 44.7 35.6 53.4

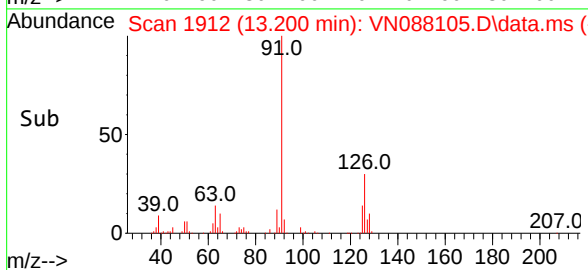
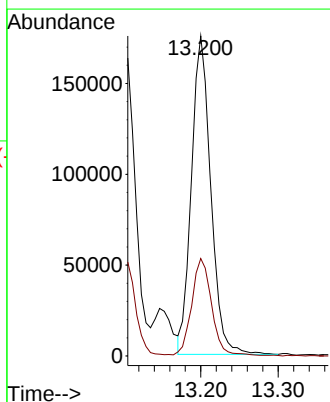
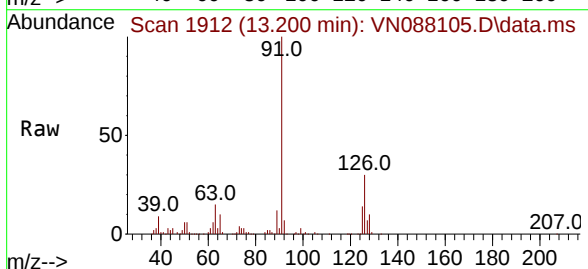
Manual Integrations
APPROVED

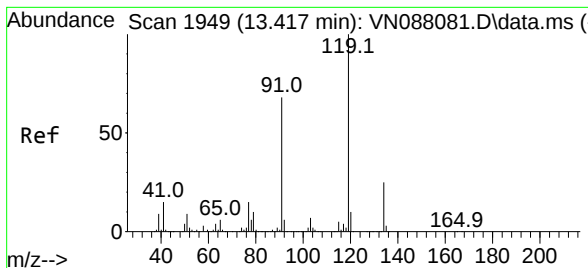
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#82
4-Chlorotoluene
Concen: 20.367 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 91 Resp: 303454
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8





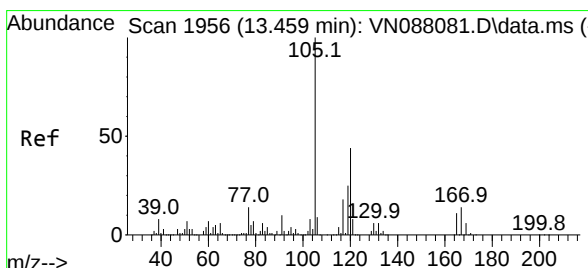
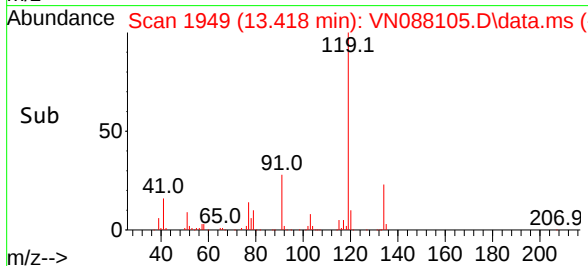
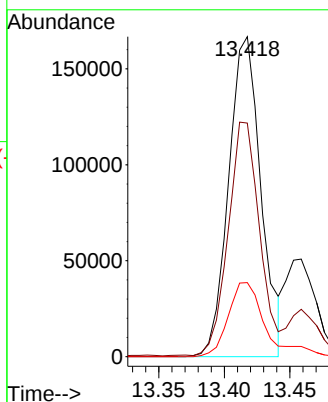
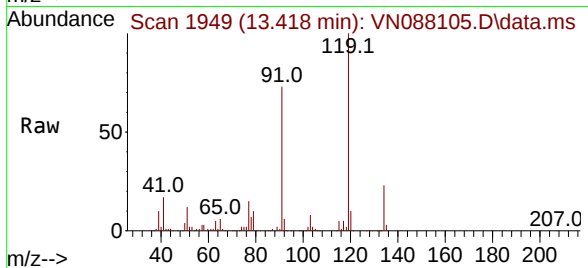
#83
tert-Butylbenzene
Concen: 19.516 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion:119 Resp: 286500
Ion Ratio Lower Upper
119 100
91 70.8 35.0 105.0
134 26.6 12.6 37.8

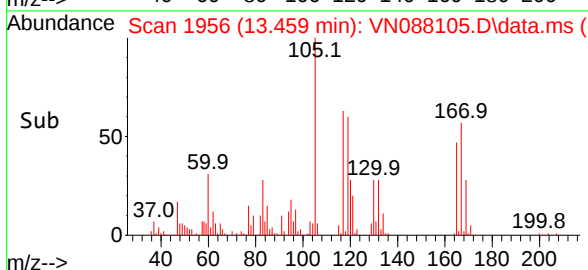
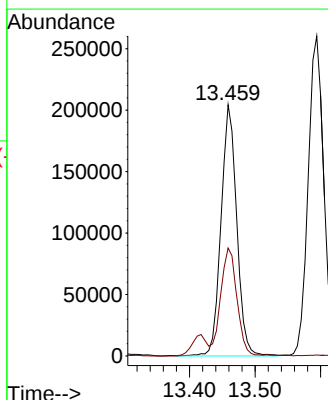
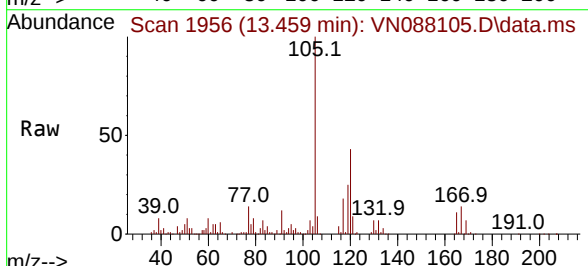
Manual Integrations
APPROVED

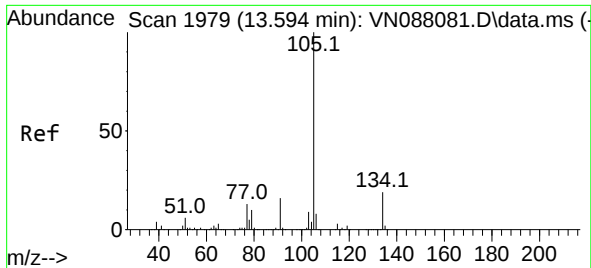
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.625 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:105 Resp: 339120
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





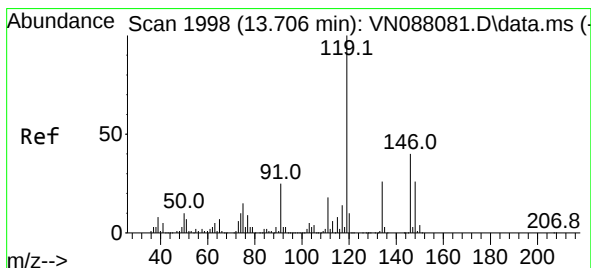
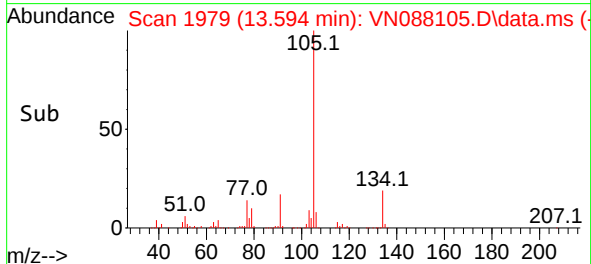
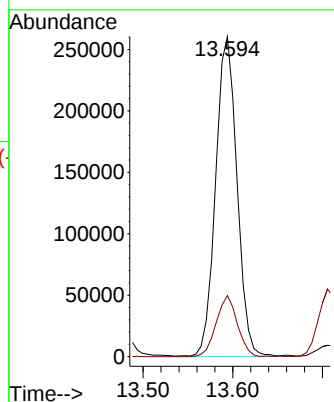
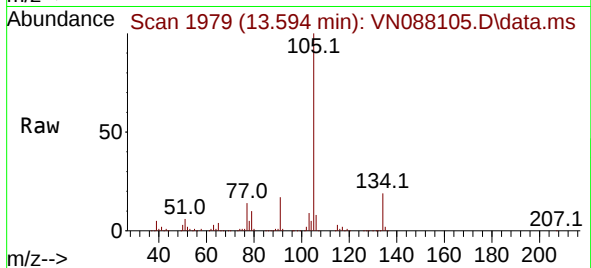
#85
 sec-Butylbenzene
 Concen: 19.904 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

Tgt Ion:105 Resp: 429310
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6

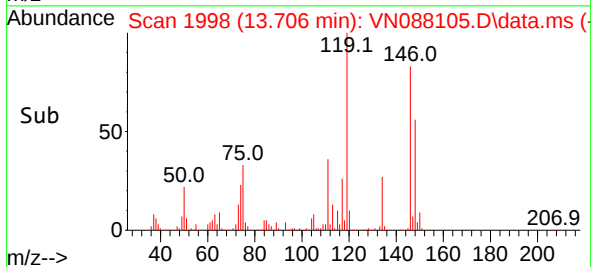
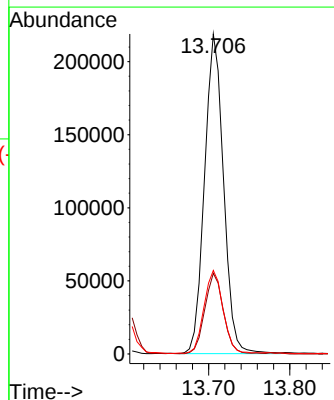
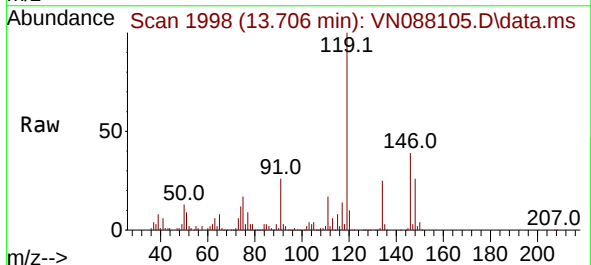
Manual Integrations
 APPROVED

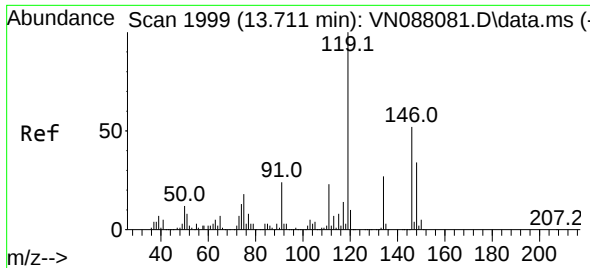
Reviewed By :John Carlone 10/28/2025
 Supervised By :Semsettin Yesilyurt 10/28/2025



#86
 p-Isopropyltoluene
 Concen: 20.495 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Tgt Ion:119 Resp: 354614
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.7 38.0
 91 25.9 12.5 37.5





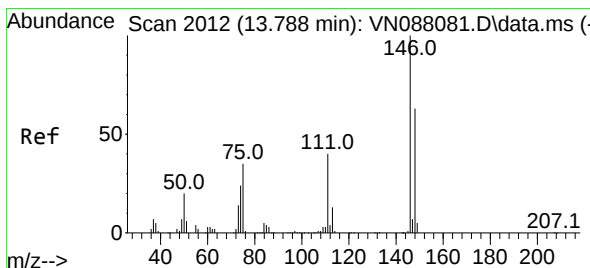
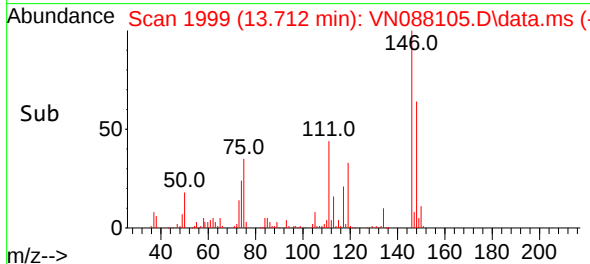
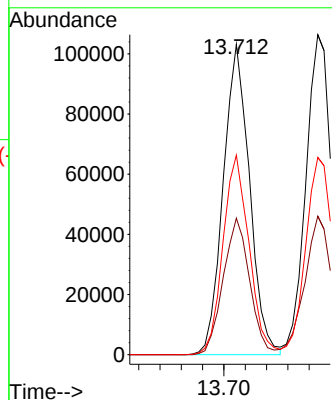
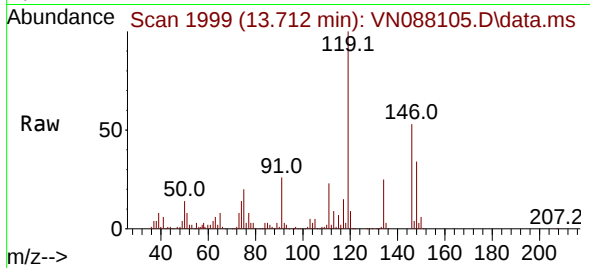
#87
 1,3-Dichlorobenzene
 Concen: 20.784 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

Tgt Ion:146 Resp: 177044
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.1 66.5
 148 63.8 32.0 96.2

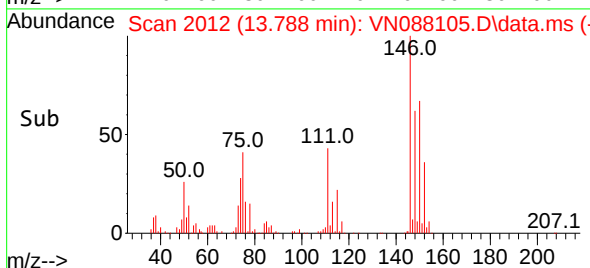
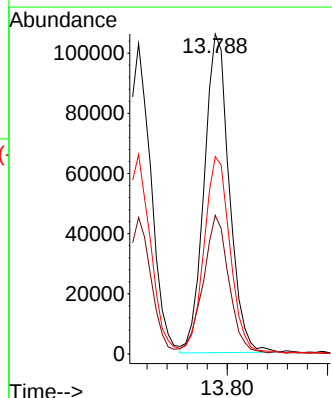
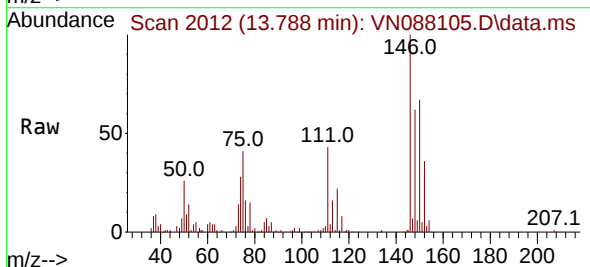
Manual Integrations
 APPROVED

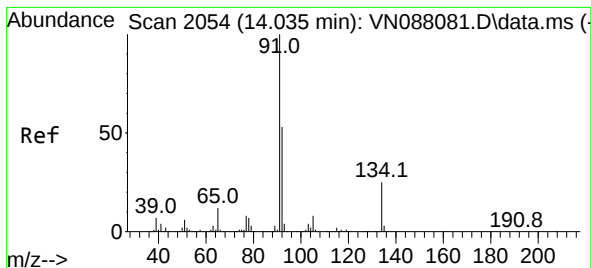
Reviewed By :John Carlone 10/28/2025
 Supervised By :Semsettin Yesilyurt 10/28/2025



#88
 1,4-Dichlorobenzene
 Concen: 20.120 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN088105.D
 Acq: 27 Oct 2025 11:55

Tgt Ion:146 Resp: 184081
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.0 63.0
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 20.072 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

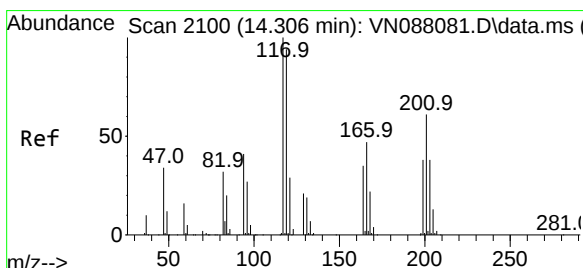
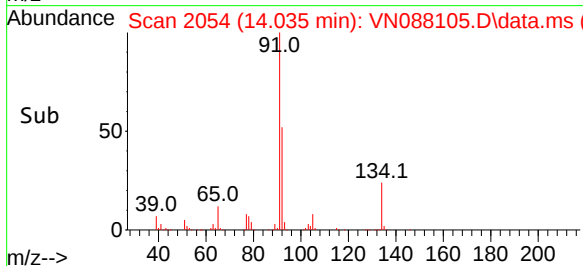
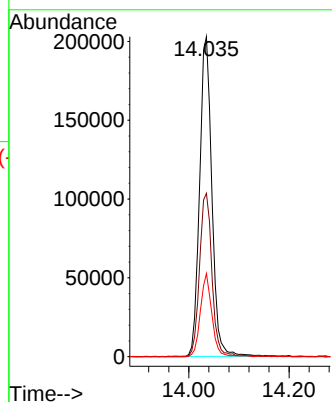
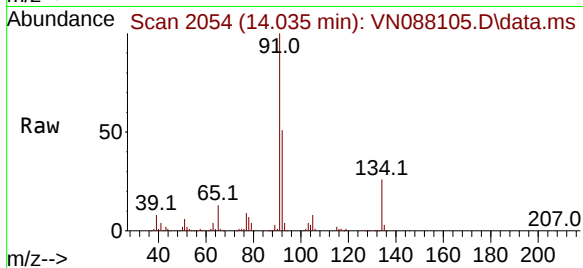
Tgt Ion: 91 Resp: 34402
 Ion Ratio Lower Upper
 91 100
 92 51.9 25.9 77.8
 134 24.4 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#90

Hexachloroethane

Concen: 19.892 ug/l

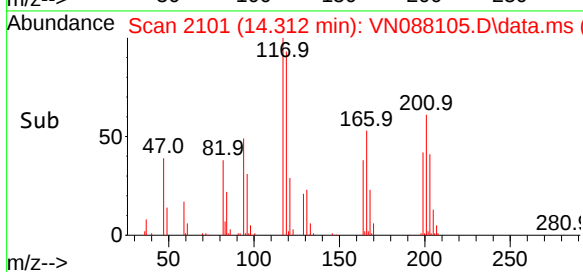
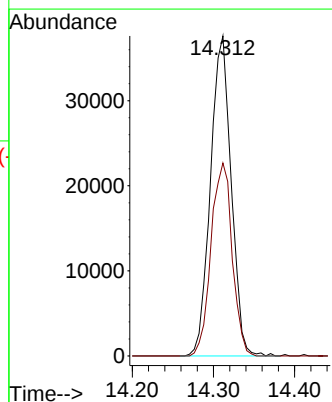
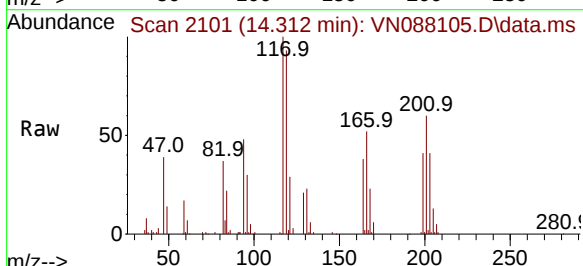
RT: 14.312 min Scan# 2101

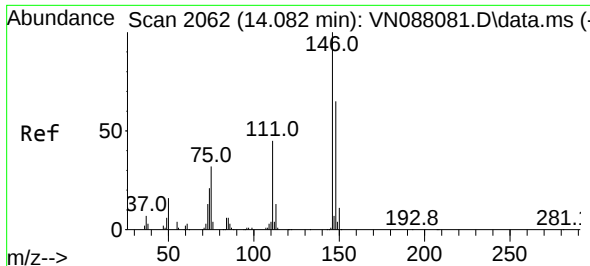
Delta R.T. -0.000 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

Tgt Ion:117 Resp: 66650
 Ion Ratio Lower Upper
 117 100
 201 61.4 29.1 87.4





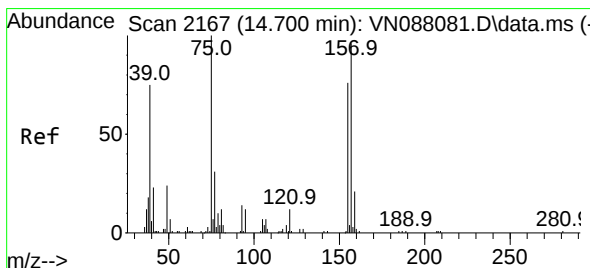
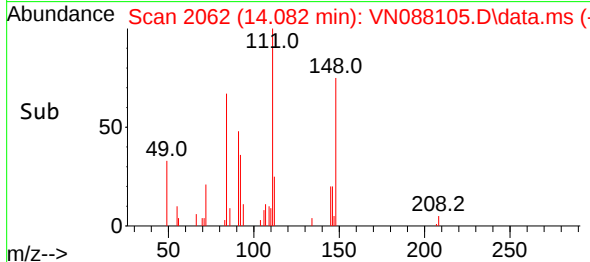
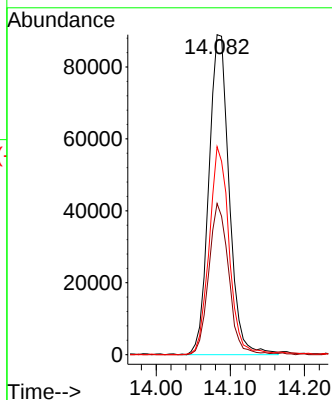
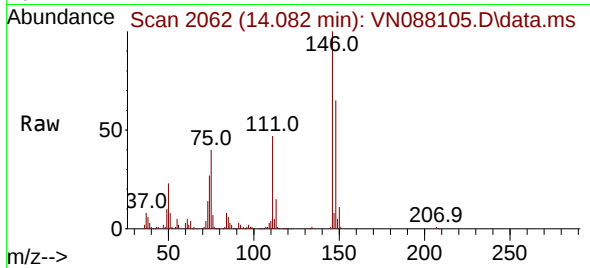
#91
1,2-Dichlorobenzene
Concen: 20.657 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tgt Ion:146 Resp: 169610
Ion Ratio Lower Upper
146 100
111 46.3 22.6 67.8
148 63.7 31.9 95.9

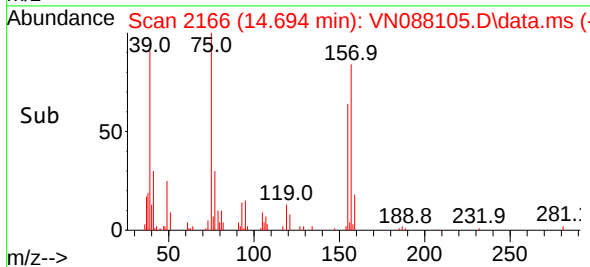
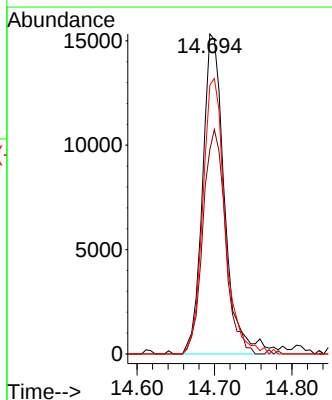
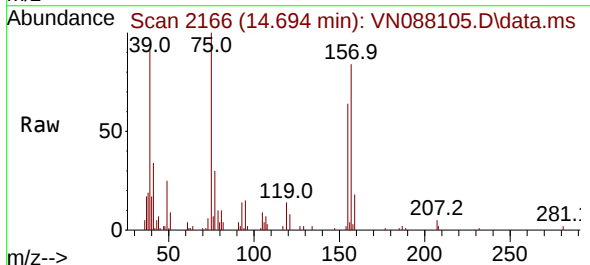
Manual Integrations
APPROVED

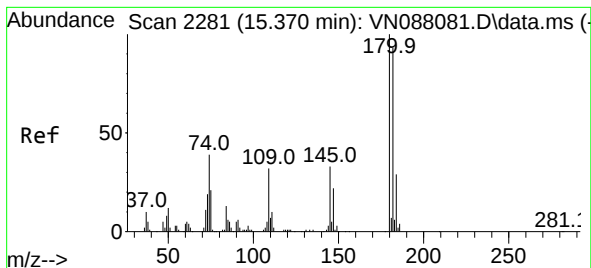
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.041 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion: 75 Resp: 30171
Ion Ratio Lower Upper
75 100
155 71.5 36.6 109.9
157 86.9 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 20.665 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088105.D

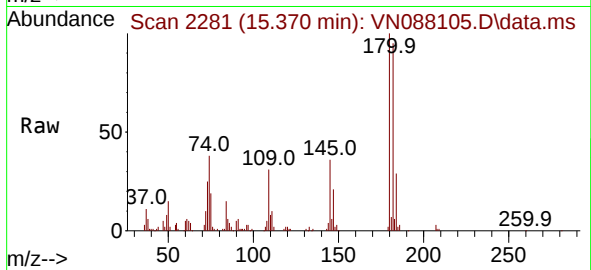
Acq: 27 Oct 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01



Tgt Ion:180 Resp: 102760

Ion Ratio Lower Upper

180 100

182 91.5 47.6 142.9

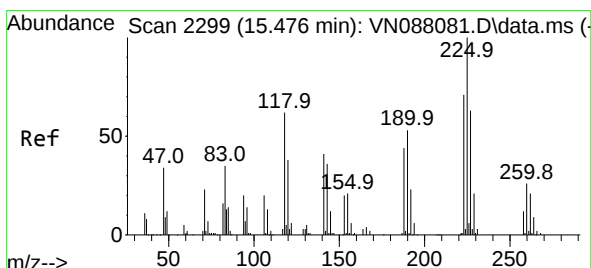
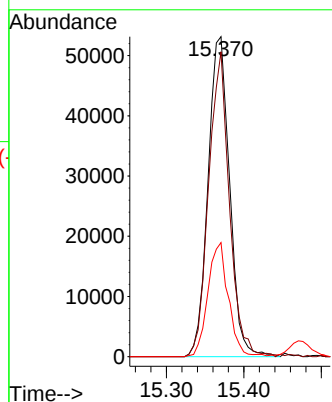
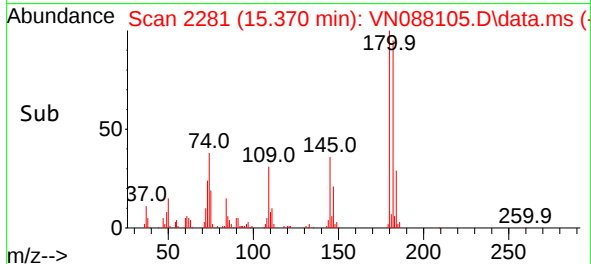
145 33.9 16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#94

Hexachlorobutadiene

Concen: 20.924 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088105.D

Acq: 27 Oct 2025 11:55

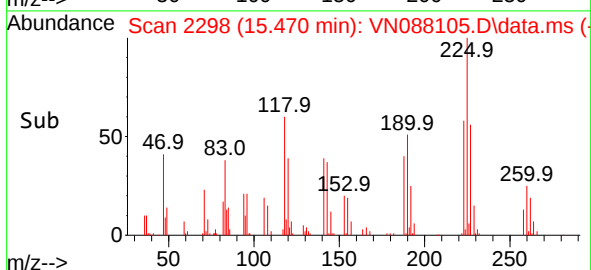
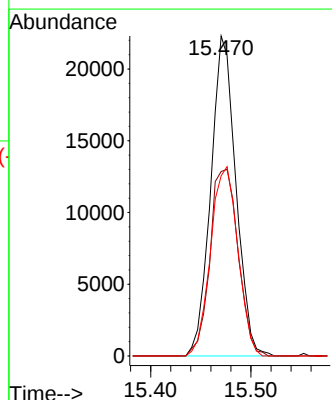
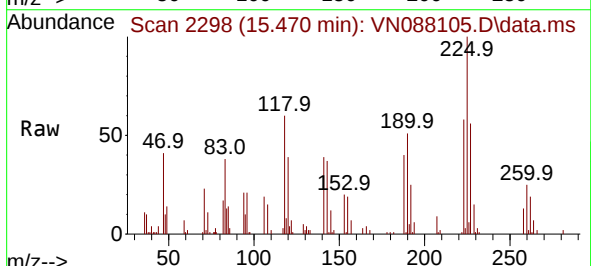
Tgt Ion:225 Resp: 38748

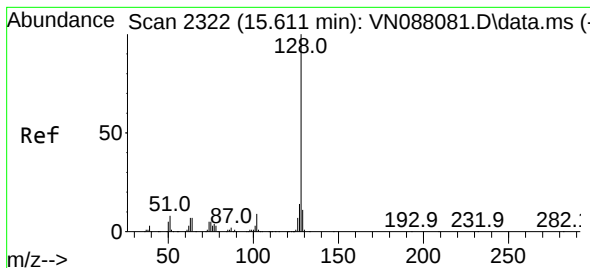
Ion Ratio Lower Upper

225 100

223 65.4 32.0 96.2

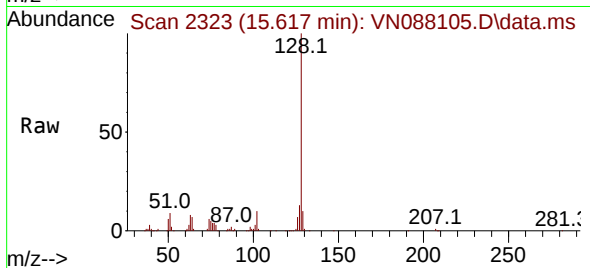
227 64.2 32.1 96.5





#95
Naphthalene
Concen: 19.878 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

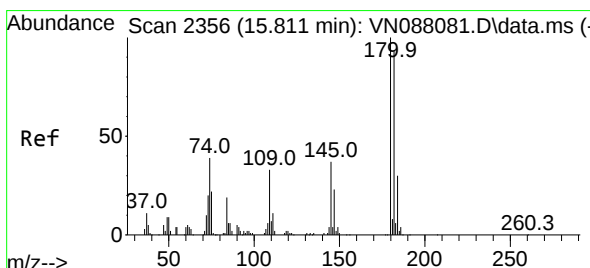
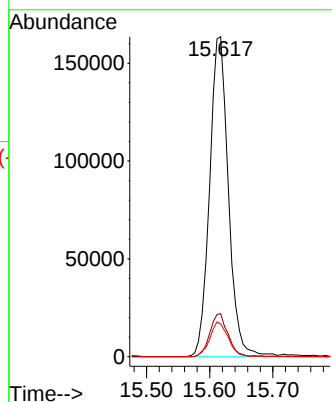
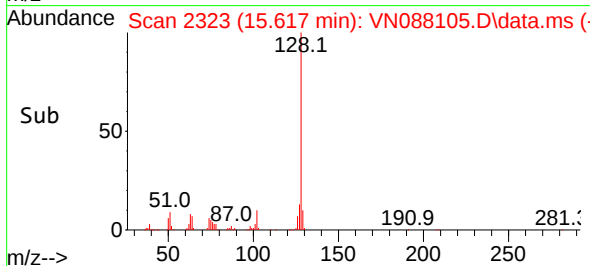
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01



Tgt Ion:128 Resp: 338638
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.498 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088105.D
Acq: 27 Oct 2025 11:55

Tgt Ion:180 Resp: 97739
Ion Ratio Lower Upper
180 100
182 96.3 46.8 140.3
145 35.9 17.3 52.0

