

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102425\
 Data File : VN088090.D
 Acq On : 24 Oct 2025 13:43
 Operator : JC\MD
 Sample : VN1024WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2025
 Supervised By : Semsettin Yesilyurt 10/27/2025

Quant Time: Oct 25 01:03:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	356256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	651642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	567094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	286160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	299119	48.555	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.120%		
35) Dibromofluoromethane	8.147	113	205213	46.876	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.760%		
50) Toluene-d8	10.547	98	784983	46.536	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.080%		
62) 4-Bromofluorobenzene	12.829	95	282981	47.502	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	79559	19.798	ug/l	97
3) Chloromethane	2.383	50	90139	19.066	ug/l	96
4) Vinyl Chloride	2.536	62	98879	19.195	ug/l	99
5) Bromomethane	2.983	94	53583	17.391	ug/l	99
6) Chloroethane	3.142	64	64074	17.264	ug/l	90
7) Trichlorofluoromethane	3.512	101	145505	17.710	ug/l	97
8) Diethyl Ether	3.953	74	54709	17.917	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	79673	18.793	ug/l	99
10) Methyl Iodide	4.583	142	68406	19.194	ug/l	97
11) Tert butyl alcohol	5.524	59	106675	100.513	ug/l	99
12) 1,1-Dichloroethene	4.336	96	77935	17.405	ug/l	94
13) Acrolein	4.177	56	114827	96.188	ug/l	100
14) Allyl chloride	5.018	41	149951	19.106	ug/l	98
15) Acrylonitrile	5.706	53	279450	96.664	ug/l	99
16) Acetone	4.424	43	267581	86.459	ug/l	93
17) Carbon Disulfide	4.706	76	255472	18.769	ug/l	98
18) Methyl Acetate	5.012	43	125263	19.770	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	313859	19.086	ug/l	98
20) Methylene Chloride	5.265	84	95982	20.390	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	88091	17.923	ug/l	97
22) Diisopropyl ether	6.659	45	324548	19.663	ug/l	98
23) Vinyl Acetate	6.589	43	1479401	99.502	ug/l	99
24) 1,1-Dichloroethane	6.553	63	181397	19.840	ug/l	97
25) 2-Butanone	7.471	43	402736	98.743	ug/l	97
26) 2,2-Dichloropropane	7.477	77	158606	19.089	ug/l	96
27) cis-1,2-Dichloroethene	7.471	96	105652	18.672	ug/l	94
28) Bromochloromethane	7.800	49	94357	21.841	ug/l	98
29) Tetrahydrofuran	7.824	42	245942	92.527	ug/l	99
30) Chloroform	7.947	83	180175	19.726	ug/l	98
31) Cyclohexane	8.236	56	167272	19.398	ug/l	91
32) 1,1,1-Trichloroethane	8.153	97	156709	19.263	ug/l	94
36) 1,1-Dichloropropene	8.353	75	128622	20.122	ug/l	100
37) Ethyl Acetate	7.547	43	155405	18.840	ug/l	98
38) Carbon Tetrachloride	8.341	117	134549	20.380	ug/l	92
39) Methylcyclohexane	9.583	83	155249	18.896	ug/l	99
40) Benzene	8.588	78	381424	19.594	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	82287	18.954	ug/l	97
42) 1,2-Dichloroethane	8.653	62	142901	20.660	ug/l	98
43) Isopropyl Acetate	8.677	43	253601	20.008	ug/l	99
44) Trichloroethene	9.330	130	88868	19.531	ug/l	97
45) 1,2-Dichloropropane	9.600	63	98375	20.017	ug/l	94
46) Dibromomethane	9.688	93	71004	20.257	ug/l	98
47) Bromodichloromethane	9.865	83	142542	20.312	ug/l	94
48) Methyl methacrylate	9.665	41	120186	20.538	ug/l	98
49) 1,4-Dioxane	9.683	88	27675	380.241	ug/l #	89
51) 4-Methyl-2-Pentanone	10.424	43	769646	102.640	ug/l	99
52) Toluene	10.606	92	239219	19.931	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	147197	19.708	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	155355	19.602	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	88950	19.535	ug/l	97
56) Ethyl methacrylate	10.853	69	145715	20.222	ug/l	98
57) 1,3-Dichloropropane	11.141	76	160455	20.048	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	361100	96.340	ug/l	99
59) 2-Hexanone	11.177	43	503814	101.283	ug/l	98
60) Dibromochloromethane	11.341	129	97389	18.817	ug/l	97
61) 1,2-Dibromoethane	11.447	107	89467	19.091	ug/l	100
64) Tetrachloroethene	11.082	164	71774	19.188	ug/l	93
65) Chlorobenzene	11.871	112	251954	19.566	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	82040	19.447	ug/l	98
67) Ethyl Benzene	11.941	91	451067	19.956	ug/l	100
68) m/p-Xylenes	12.047	106	333402	39.368	ug/l	99
69) o-Xylene	12.376	106	158050	19.687	ug/l	99
70) Styrene	12.388	104	267299	20.418	ug/l	98
71) Bromoform	12.559	173	61627	19.575	ug/l #	98
73) Isopropylbenzene	12.671	105	420288	19.043	ug/l	99
74) N-amyl acetate	12.676	43	115215m	18.389	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	131733	19.171	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	129112m	19.734	ug/l	
77) Bromobenzene	12.959	156	91861	19.301	ug/l	93
78) n-propylbenzene	13.012	91	520777	19.335	ug/l	98
79) 2-Chlorotoluene	13.106	91	312022	20.314	ug/l	97
80) 1,3,5-Trimethylbenzene	13.147	105	361643	19.730	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	38624	16.468	ug/l	93
82) 4-Chlorotoluene	13.200	91	318454	19.163	ug/l	99
83) tert-Butylbenzene	13.418	119	314643	19.216	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	360878	19.678	ug/l	100
85) sec-Butylbenzene	13.594	105	465186	19.337	ug/l	99
86) p-Isopropyltoluene	13.706	119	381439	19.765	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	183699	19.335	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	190892	18.707	ug/l	97
89) n-Butylbenzene	14.029	91	372285	19.475	ug/l	99
90) Hexachloroethane	14.312	117	70465	18.855	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	174002	18.999	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	30560	19.108	ug/l	96
93) 1,2,4-Trichlorobenzene	15.365	180	104719	18.880	ug/l	99
94) Hexachlorobutadiene	15.470	225	41542	20.112	ug/l	100
95) Naphthalene	15.612	128	349011	18.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	100322	18.864	ug/l	98

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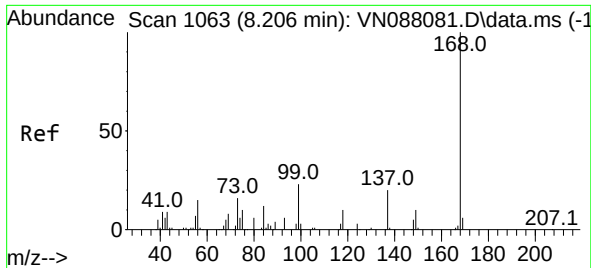
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

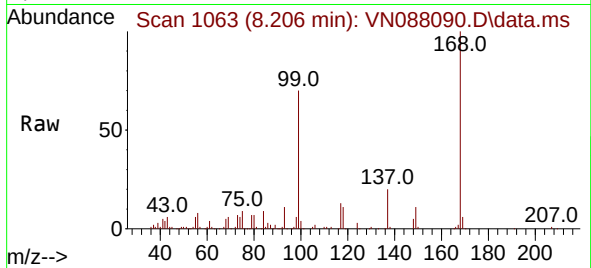
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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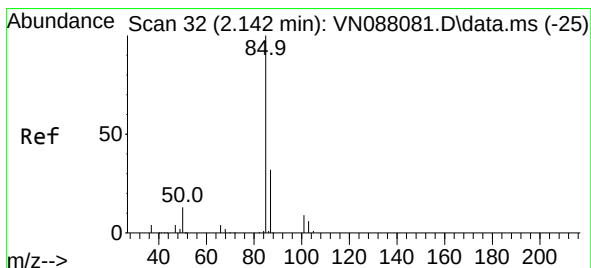
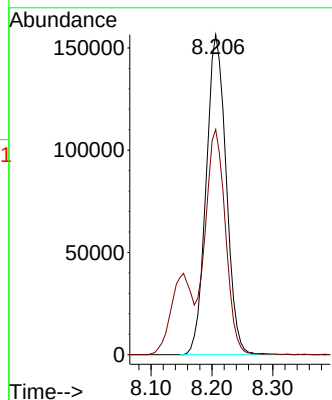
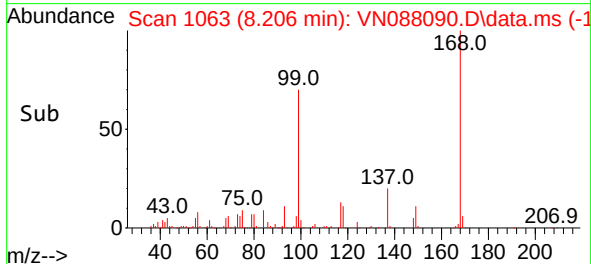
Instrument :
MSVOA_N
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VN1024WBS01



Tgt Ion:168 Resp: 356250
Ion Ratio Lower Upper
168 100
99 70.2 57.2 85.8

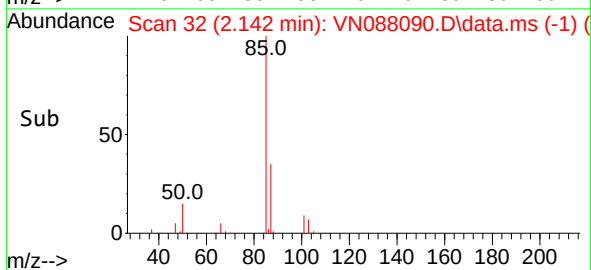
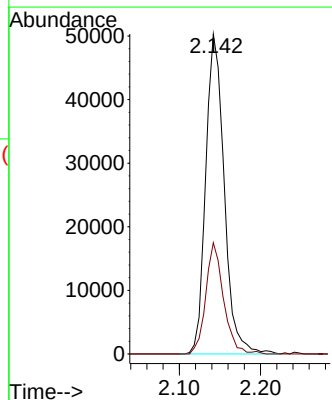
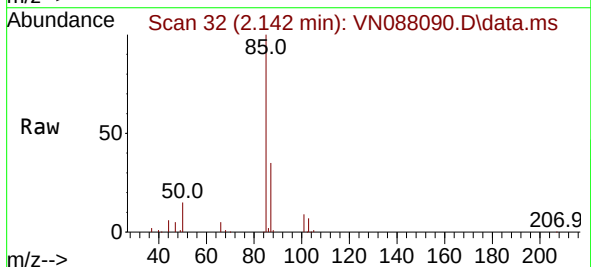
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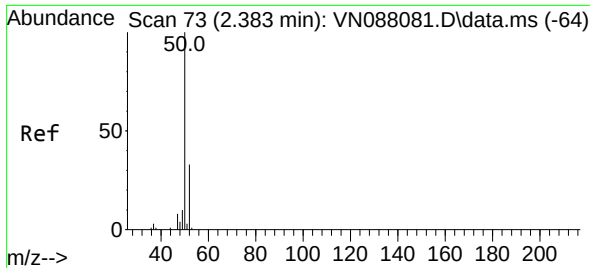
Reviewed By :John Carlone 10/27/2025
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#2
Dichlorodifluoromethane
Concen: 19.798 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

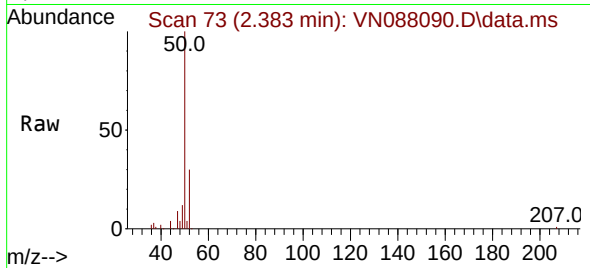
Tgt Ion: 85 Resp: 79559
Ion Ratio Lower Upper
85 100
87 34.8 16.6 49.8





#3
Chloromethane
Concen: 19.066 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

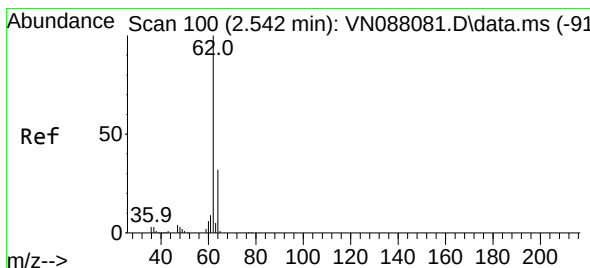
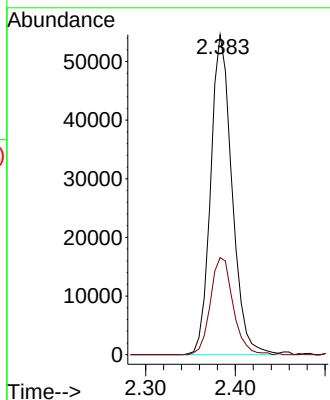
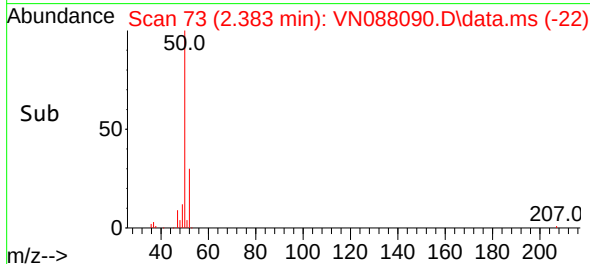
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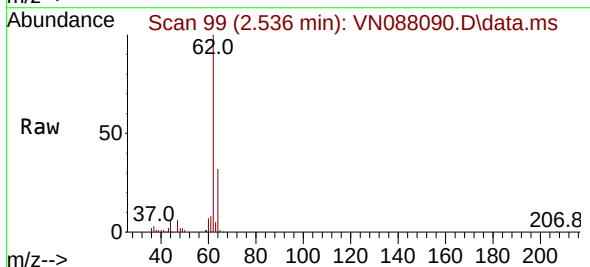
Tgt Ion: 50 Resp: 90139
Ion Ratio Lower Upper
50 100
52 30.4 26.2 39.4

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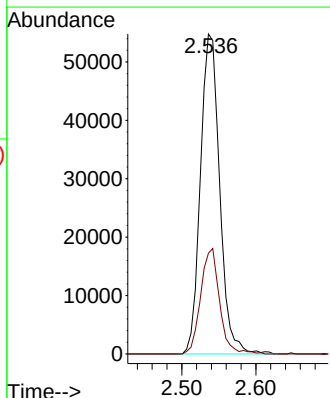
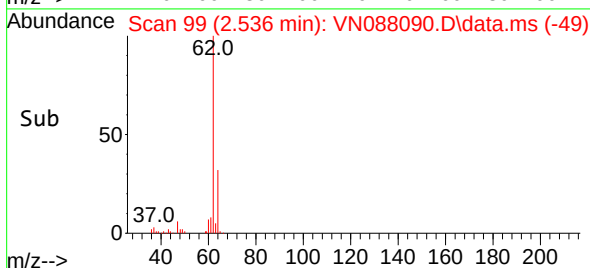
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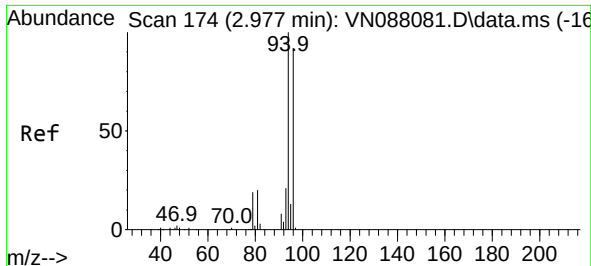


#4
Vinyl Chloride
Concen: 19.195 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



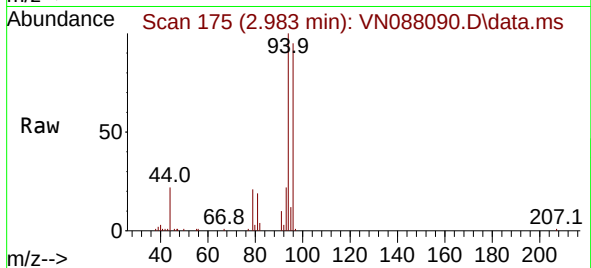
Tgt Ion: 62 Resp: 98879
Ion Ratio Lower Upper
62 100
64 31.5 24.6 37.0





#5
Bromomethane
Concen: 17.391 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN088090.D
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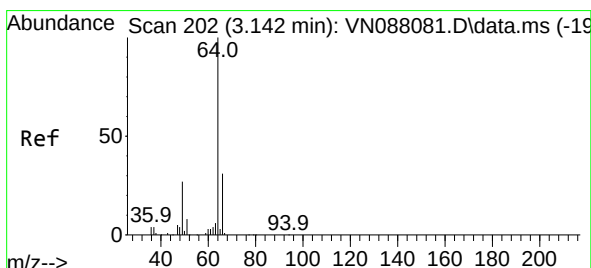
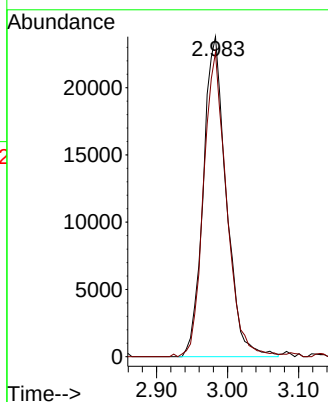
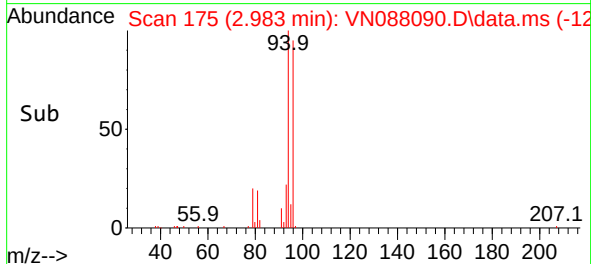
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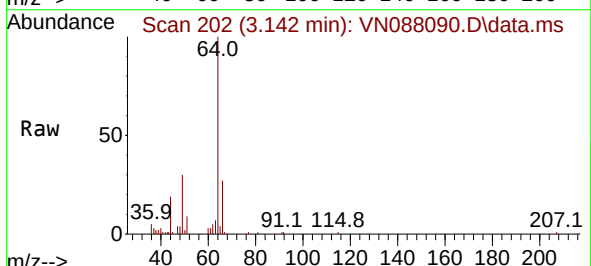
Tgt Ion: 94 Resp: 5358
Ion Ratio Lower Upper
94 100
96 95.1 75.4 113.2

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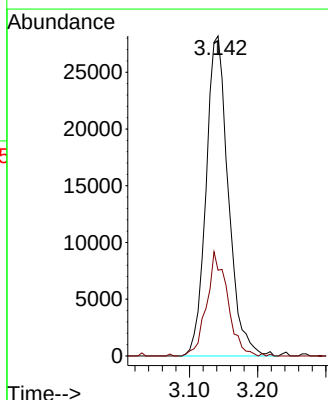
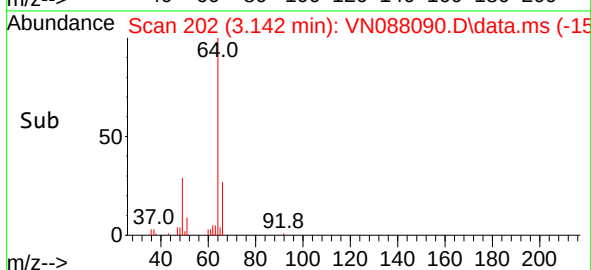
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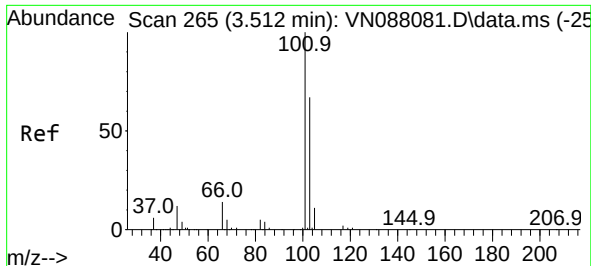


#6
Chloroethane
Concen: 17.264 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



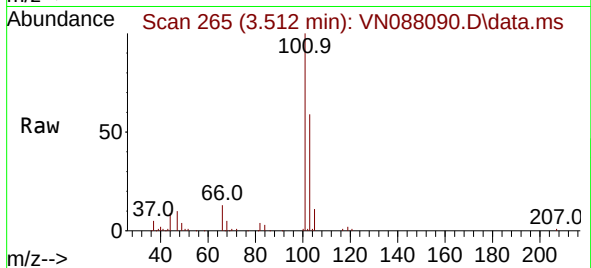
Tgt Ion: 64 Resp: 64074
Ion Ratio Lower Upper
64 100
66 26.8 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 17.710 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN088090.D
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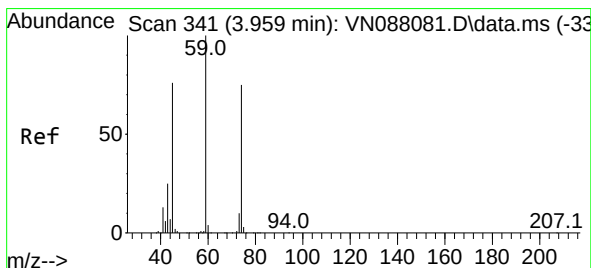
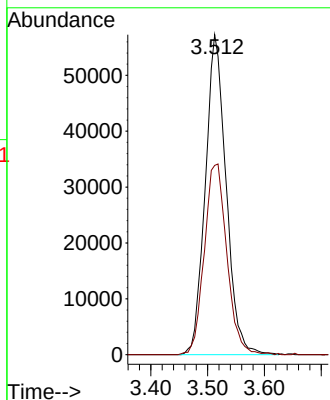
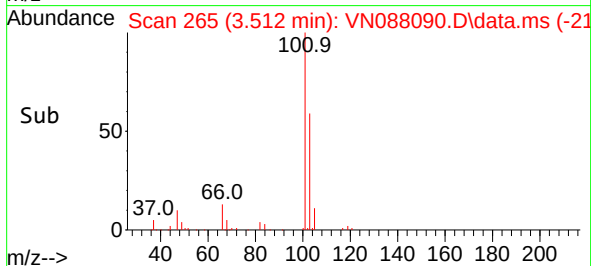
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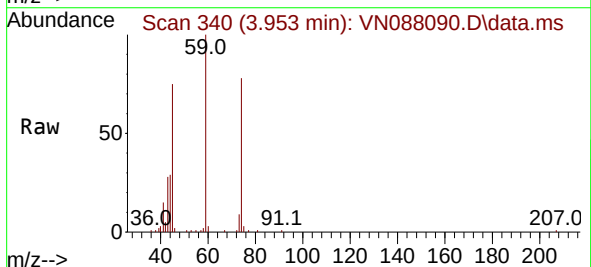
Tgt Ion:101 Resp: 14550
 Ion Ratio Lower Upper
 101 100
 103 59.2 49.4 74.0

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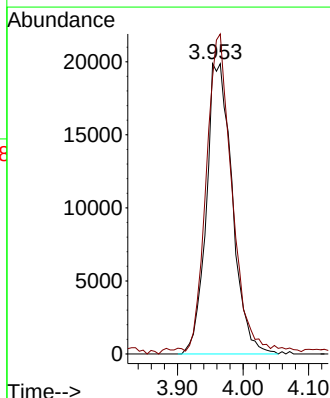
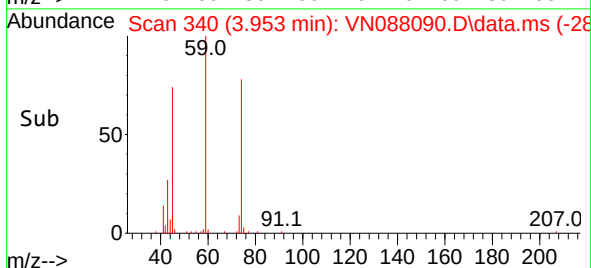
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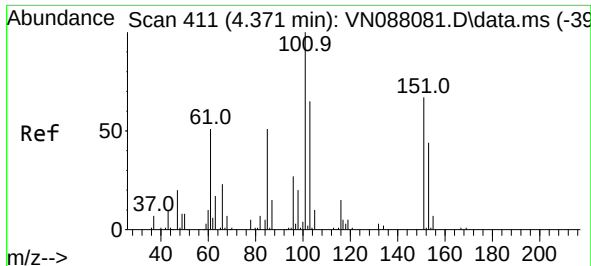


#8
 Diethyl Ether
 Concen: 17.917 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 54709
 Ion Ratio Lower Upper
 74 100
 45 108.8 50.6 151.9





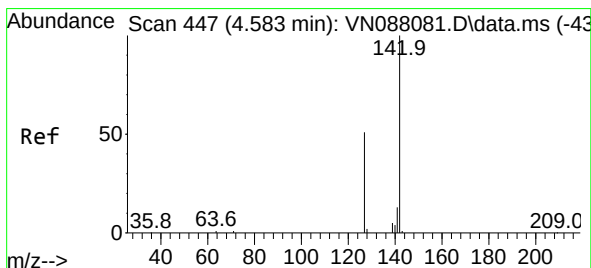
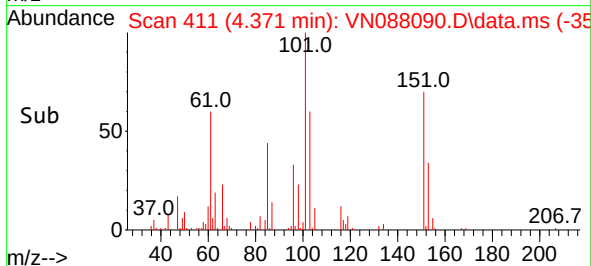
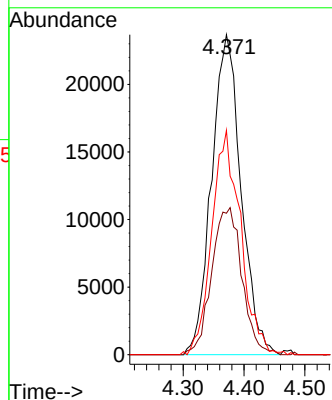
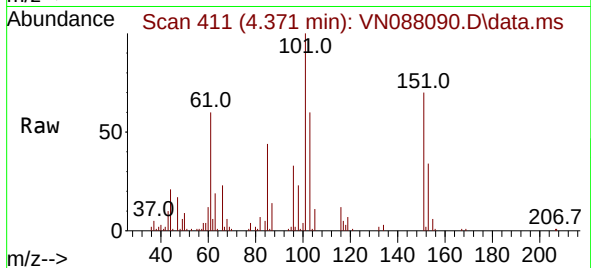
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.793 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

Tgt Ion:101 Resp: 7967
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 68.5 54.7 82.1

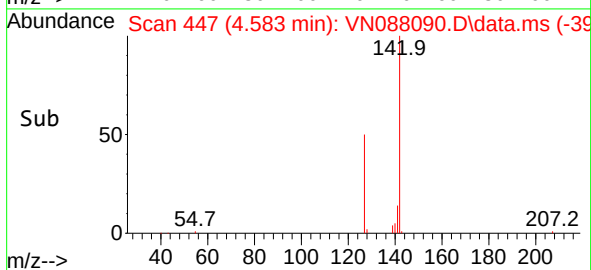
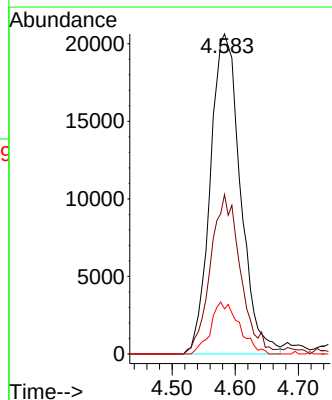
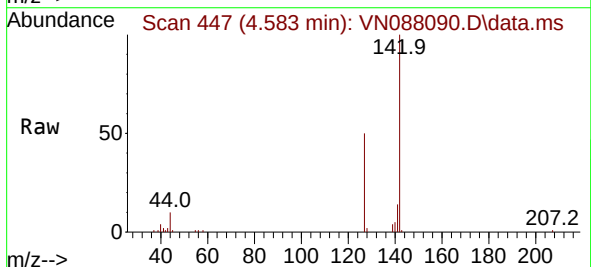
Manual Integrations
APPROVED

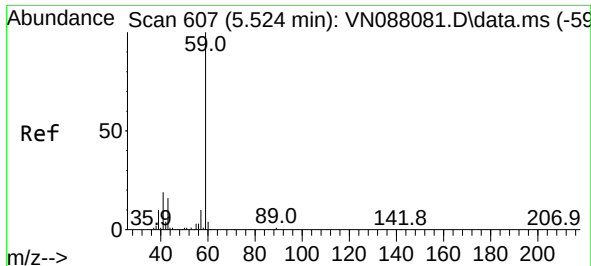
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#10
Methyl Iodide
Concen: 19.194 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

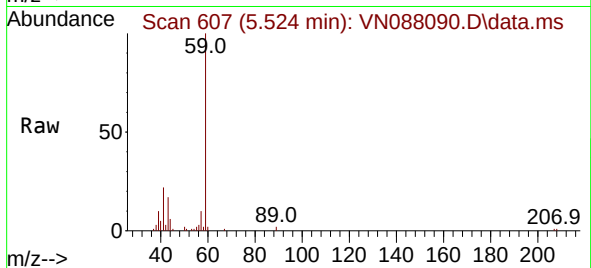
Tgt Ion:142 Resp: 68406
Ion Ratio Lower Upper
142 100
127 49.8 38.0 57.0
141 14.1 12.0 18.0





#11
Tert butyl alcohol
Concen: 100.513 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

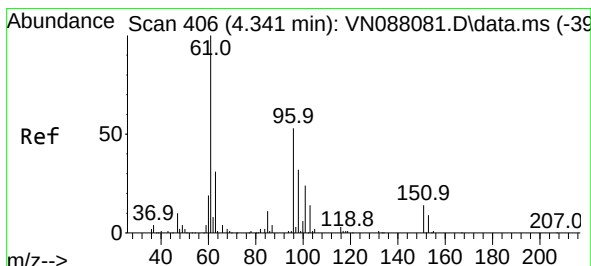
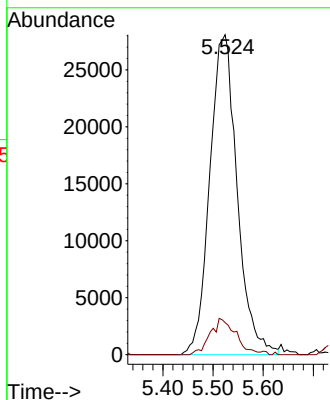
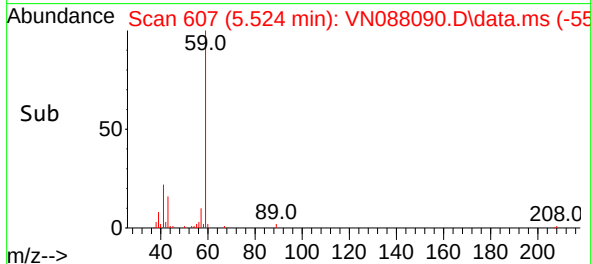
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



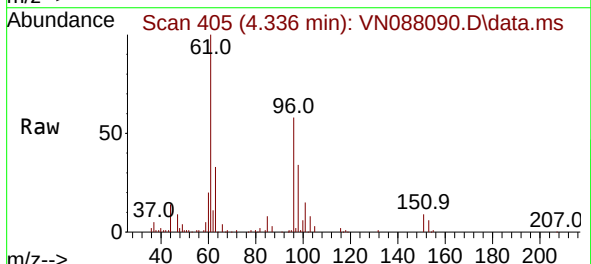
Tgt Ion: 59 Resp: 106679
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4

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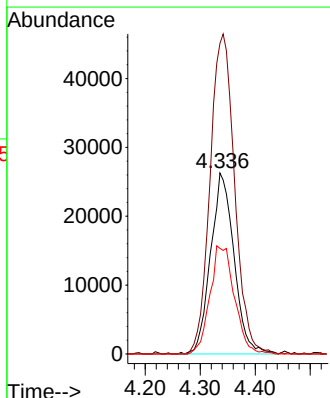
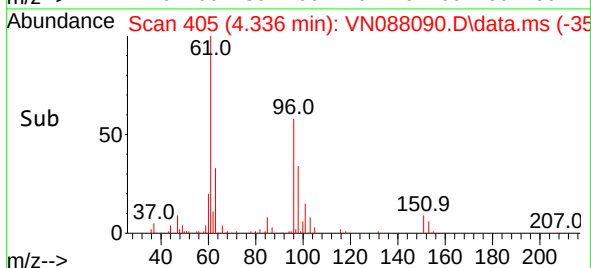
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

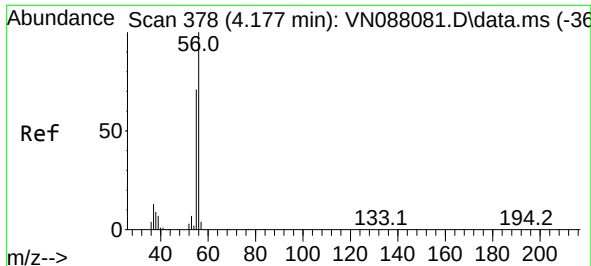


#12
1,1-Dichloroethene
Concen: 17.405 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



Tgt Ion: 96 Resp: 77935
Ion Ratio Lower Upper
96 100
61 171.7 143.8 215.8
98 58.4 52.1 78.1





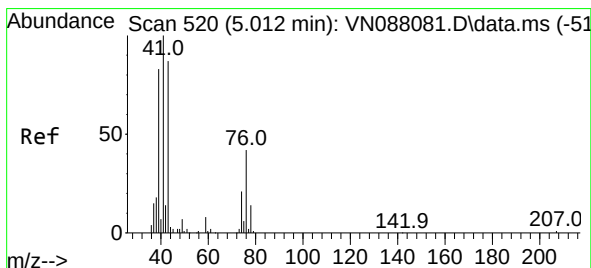
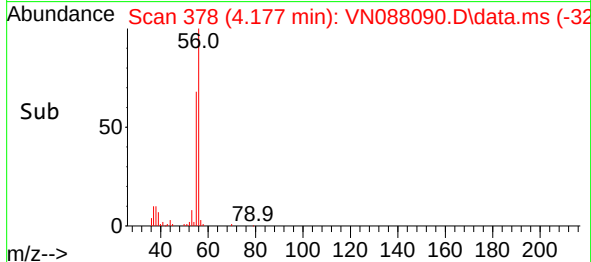
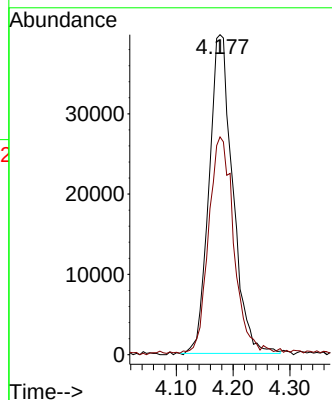
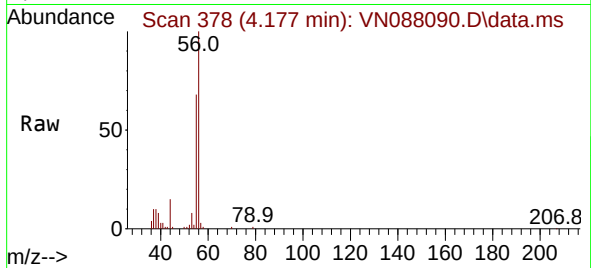
#13
Acrolein
Concen: 96.188 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

Tgt Ion: 56 Resp: 11482
Ion Ratio Lower Upper
56 100
55 71.3 57.3 85.9

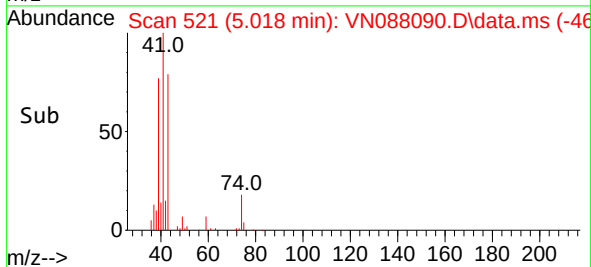
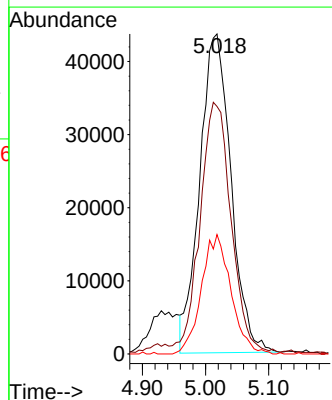
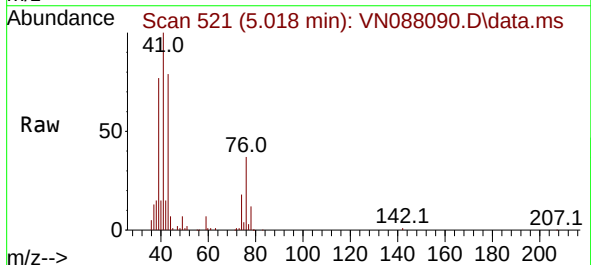
Manual Integrations
APPROVED

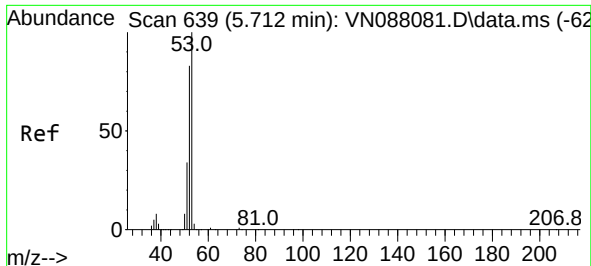
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#14
Allyl chloride
Concen: 19.106 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

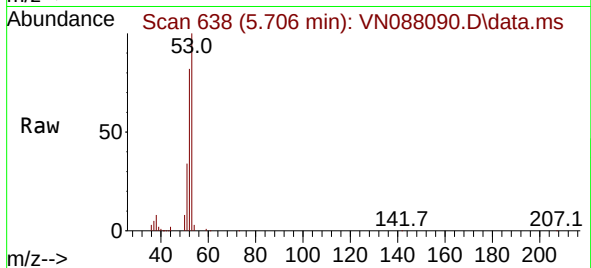
Tgt Ion: 41 Resp: 149951
Ion Ratio Lower Upper
41 100
39 78.1 63.9 95.9
76 35.3 28.1 42.1





#15
Acrylonitrile
Concen: 96.664 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

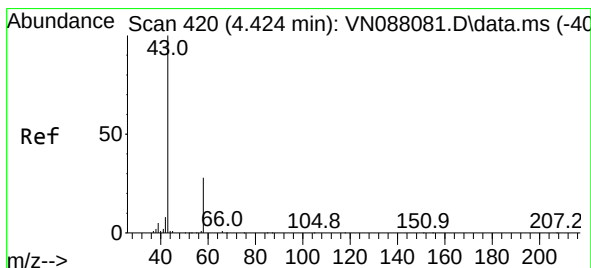
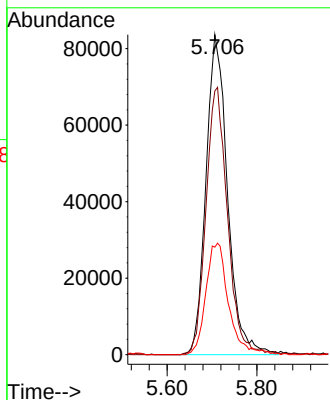
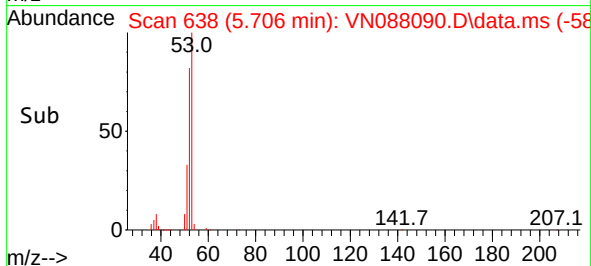
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 53 Resp: 279450
Ion Ratio Lower Upper
53 100
52 83.3 67.6 101.4
51 36.7 30.1 45.1

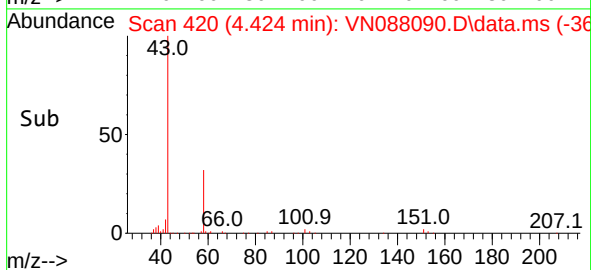
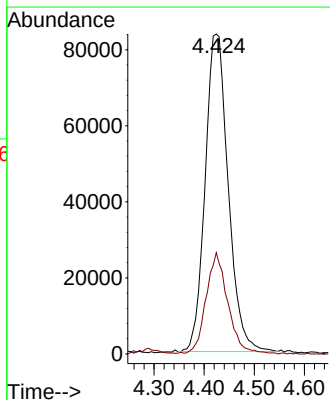
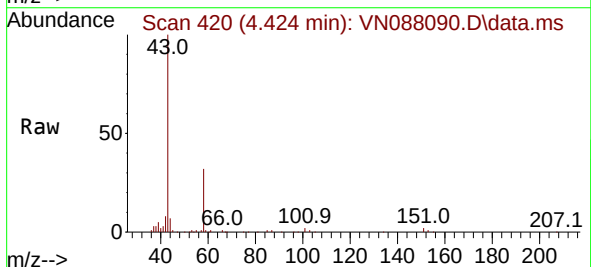
Manual Integrations
APPROVED

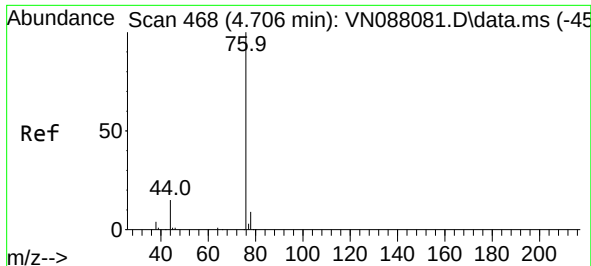
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#16
Acetone
Concen: 86.459 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

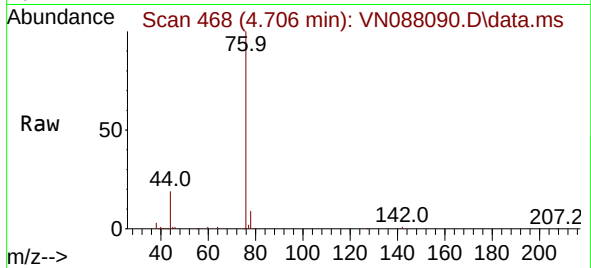
Tgt Ion: 43 Resp: 267581
Ion Ratio Lower Upper
43 100
58 31.9 22.6 33.8





#17
Carbon Disulfide
Concen: 18.769 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

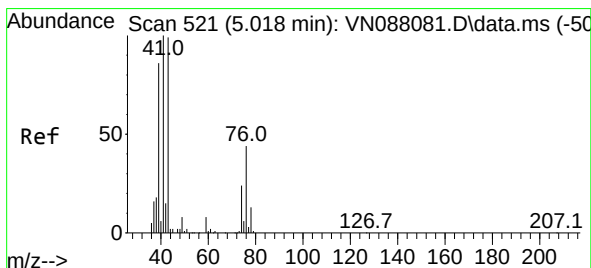
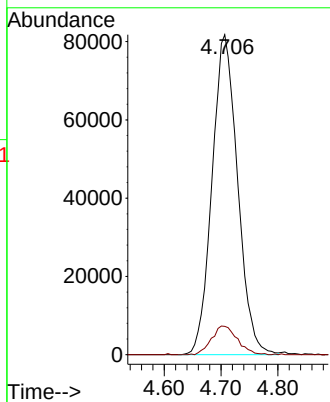
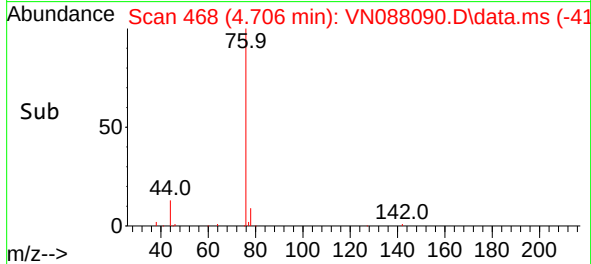
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 76 Resp: 255472
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

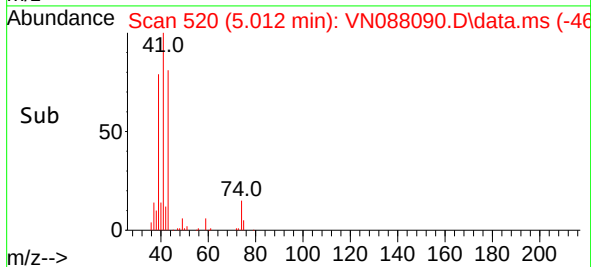
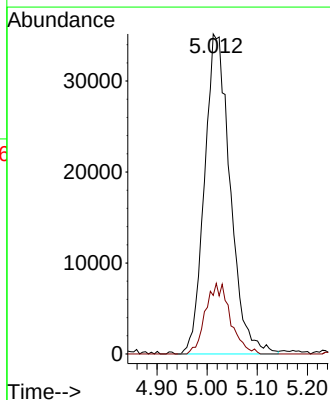
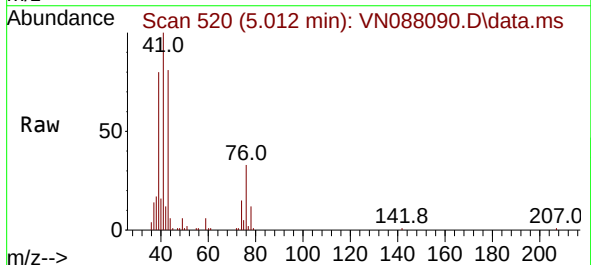
Manual Integrations
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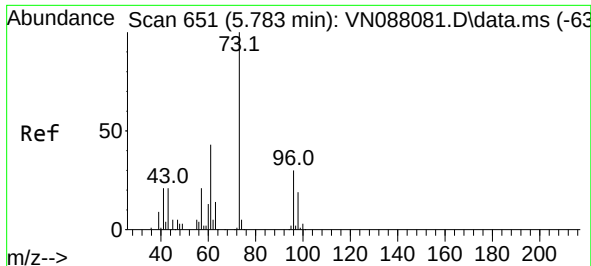
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#18
Methyl Acetate
Concen: 19.770 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

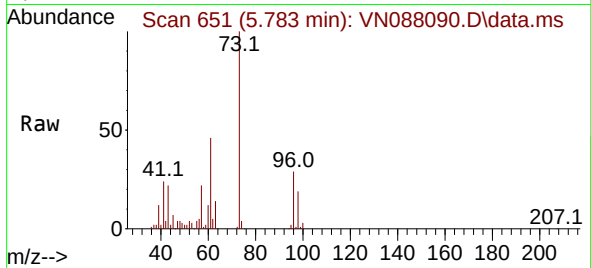
Tgt Ion: 43 Resp: 125263
Ion Ratio Lower Upper
43 100
74 21.3 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 19.086 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

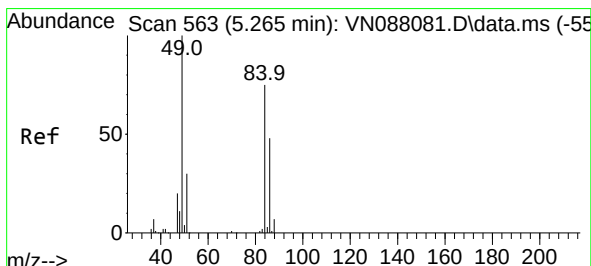
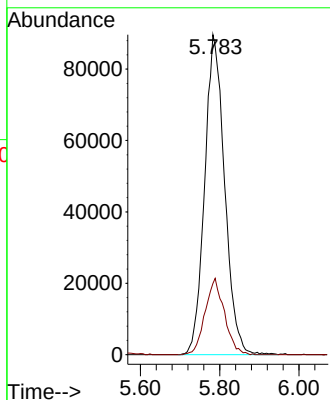
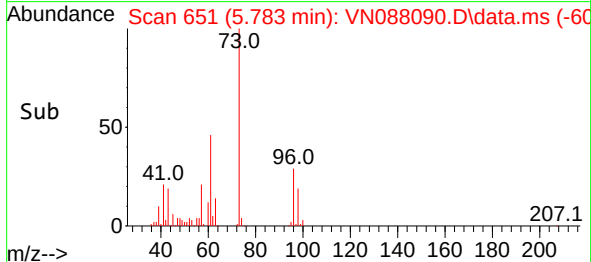
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 73 Resp: 31385
Ion Ratio Lower Upper
73 100
57 22.3 18.4 27.6

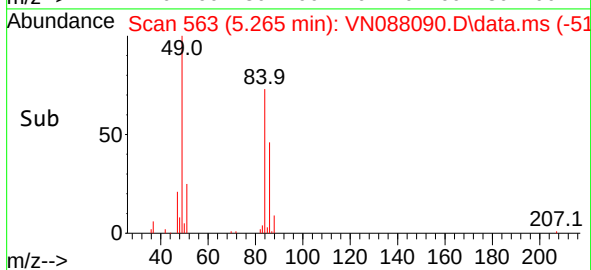
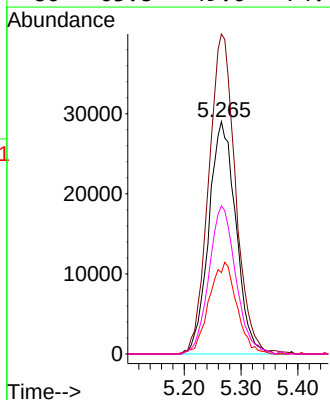
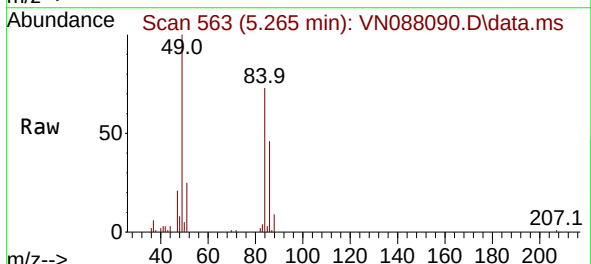
Manual Integrations
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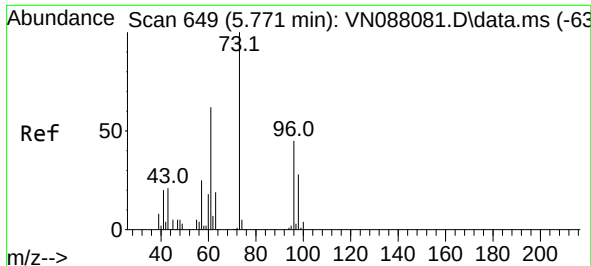
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#20
Methylene Chloride
Concen: 20.390 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

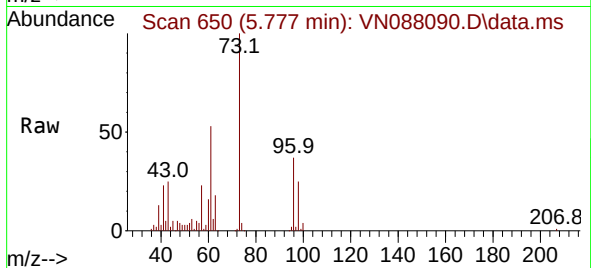
Tgt Ion: 84 Resp: 95982
Ion Ratio Lower Upper
84 100
49 137.7 103.4 155.2
51 35.0 33.8 50.8
86 63.8 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 17.923 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

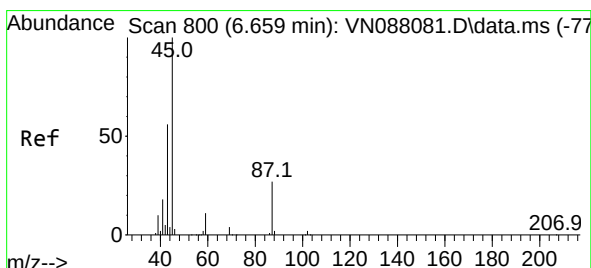
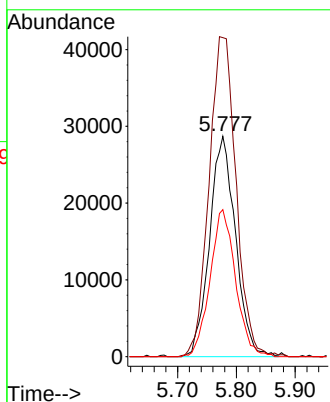
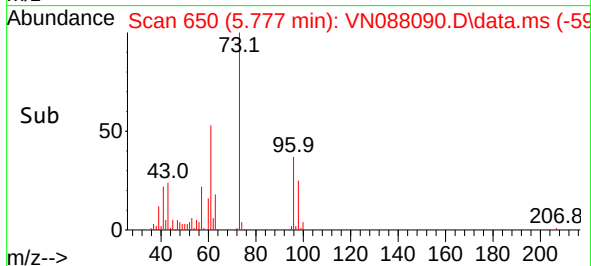
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 96 Resp: 8809
Ion Ratio Lower Upper
96 100
61 144.8 118.0 177.0
98 66.7 50.0 75.0

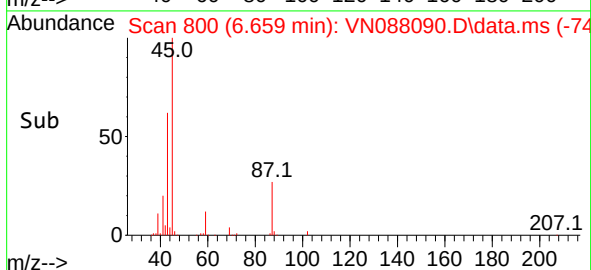
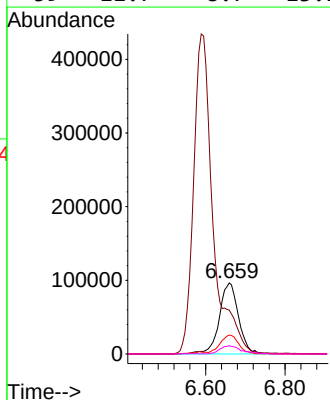
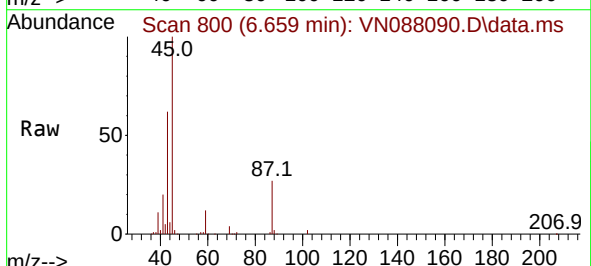
Manual Integrations
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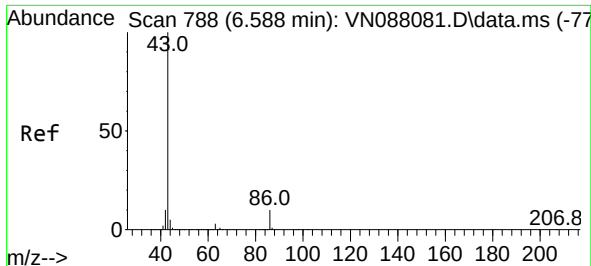
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#22
Diisopropyl ether
Concen: 19.663 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

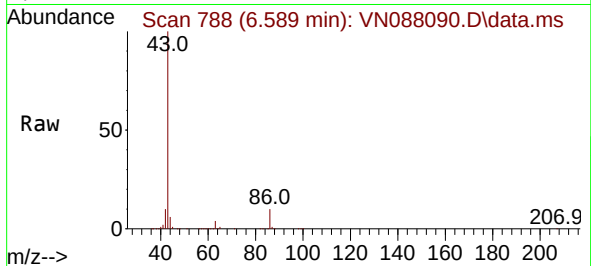
Tgt Ion: 45 Resp: 324548
Ion Ratio Lower Upper
45 100
43 61.0 47.7 71.5
87 26.3 21.4 32.0
59 11.7 8.7 13.1





#23
 Vinyl Acetate
 Concen: 99.502 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088090.D
 Acq: 24 Oct 2025 13:43

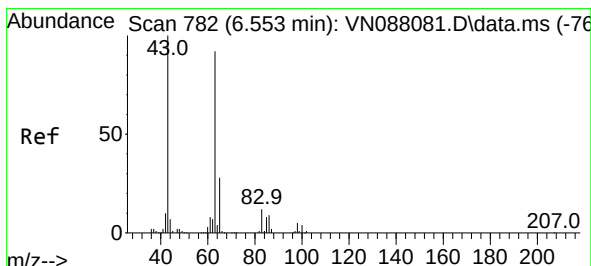
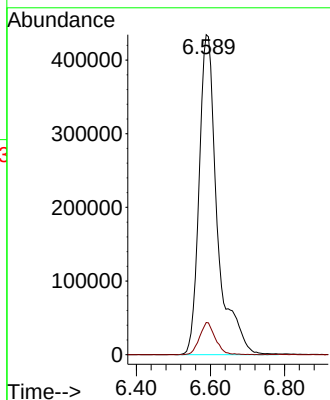
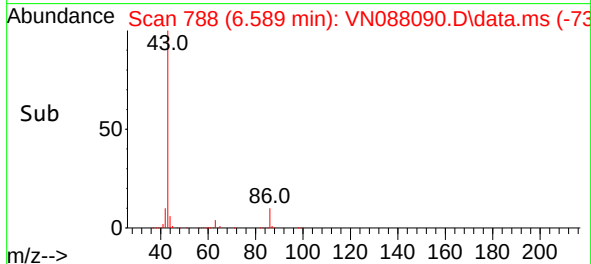
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS01



Tgt Ion: 43 Resp: 147940
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4

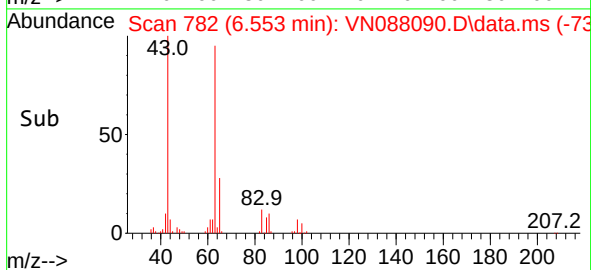
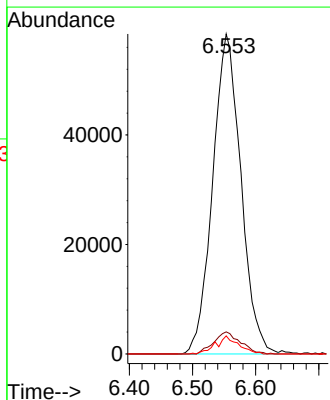
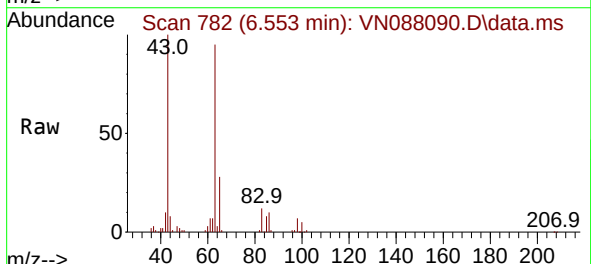
Manual Integrations
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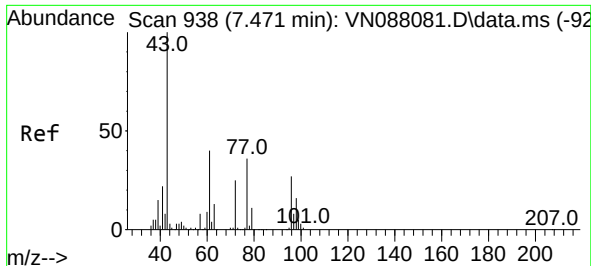
Reviewed By :John Carlone 10/27/2025
 Supervised By :Semsettin Yesilyurt 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 19.840 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088090.D
 Acq: 24 Oct 2025 13:43

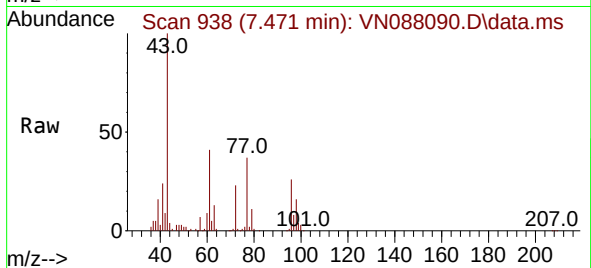
Tgt Ion: 63 Resp: 181397
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 5.6 2.0 6.0





#25
2-Butanone
Concen: 98.743 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

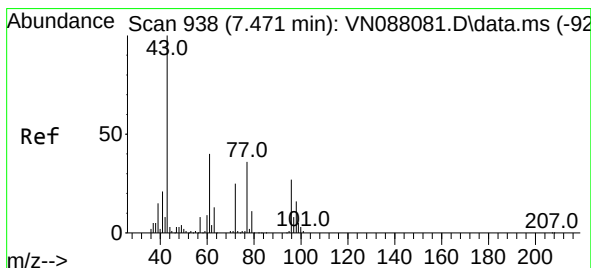
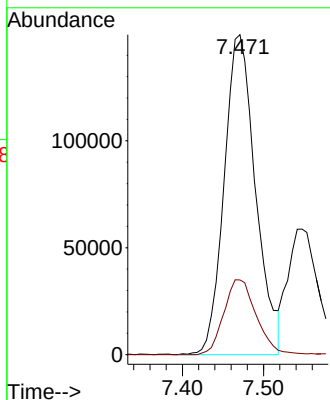
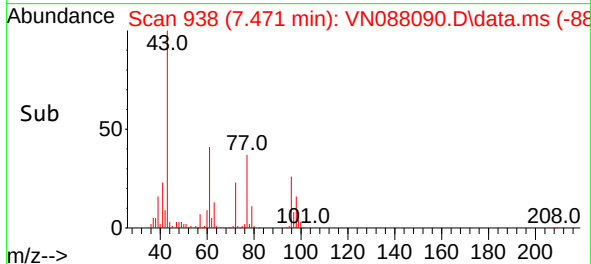
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



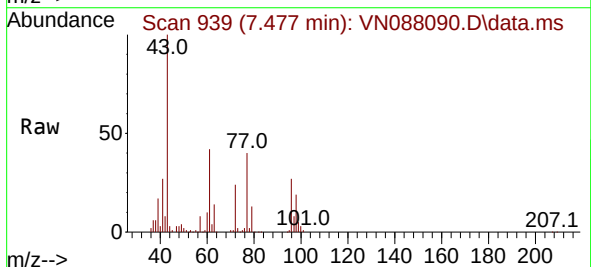
Tgt Ion: 43 Resp: 402730
Ion Ratio Lower Upper
43 100
72 23.3 19.9 29.9

Manual Integrations
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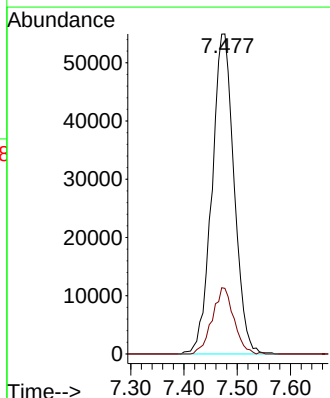
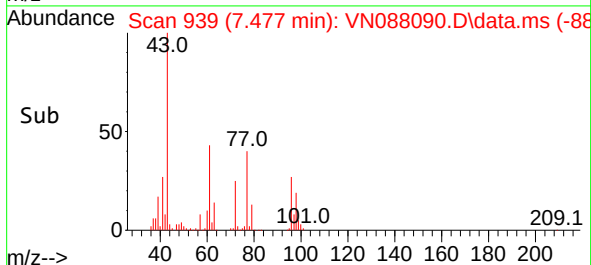
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

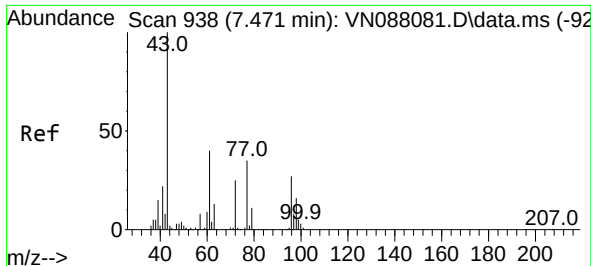


#26
2,2-Dichloropropane
Concen: 19.089 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



Tgt Ion: 77 Resp: 158606
Ion Ratio Lower Upper
77 100
97 20.1 10.9 32.7





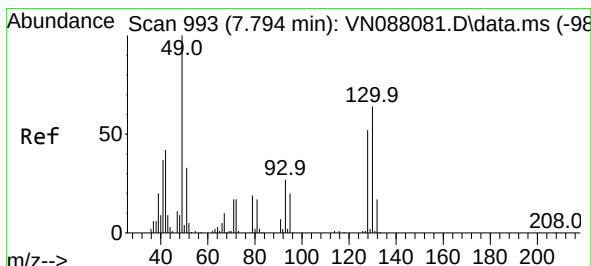
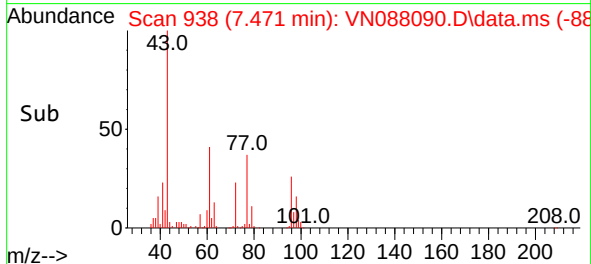
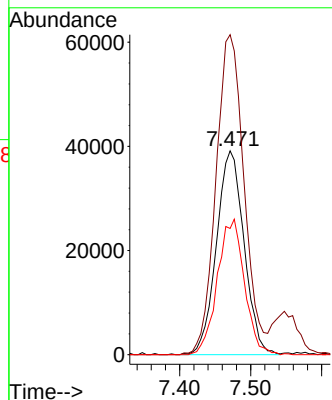
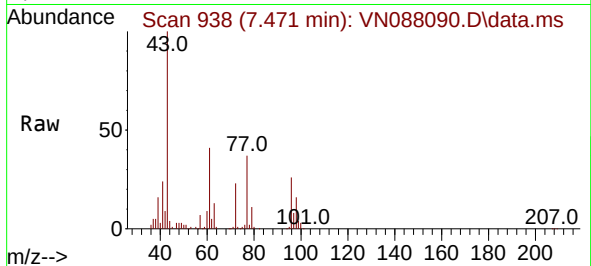
#27
 cis-1,2-Dichloroethene
 Concen: 18.672 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088090.D
 Acq: 24 Oct 2025 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS01

Tgt Ion: 96 Resp: 105652
 Ion Ratio Lower Upper
 96 100
 61 159.9 0.0 301.8
 98 65.2 0.0 126.2

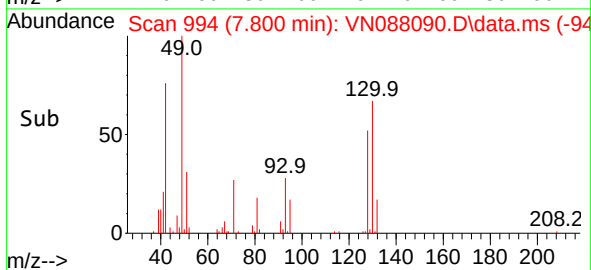
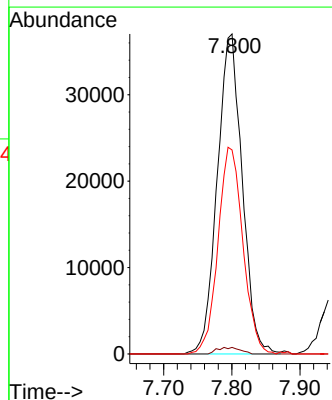
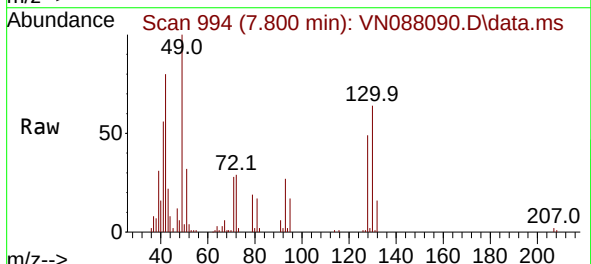
Manual Integrations
 APPROVED

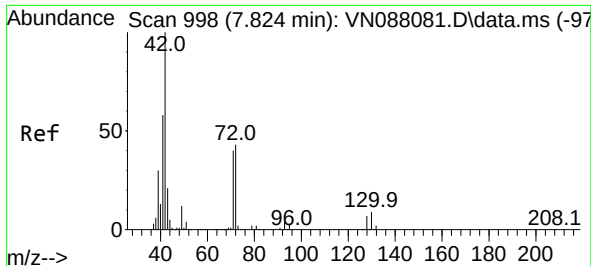
Reviewed By :John Carlone 10/27/2025
 Supervised By :Semsettin Yesilyurt 10/27/2025



#28
 Bromochloromethane
 Concen: 21.841 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN088090.D
 Acq: 24 Oct 2025 13:43

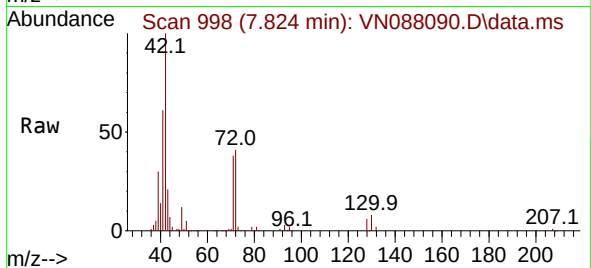
Tgt Ion: 49 Resp: 94357
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 64.4 53.1 79.7





#29
Tetrahydrofuran
Concen: 92.527 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

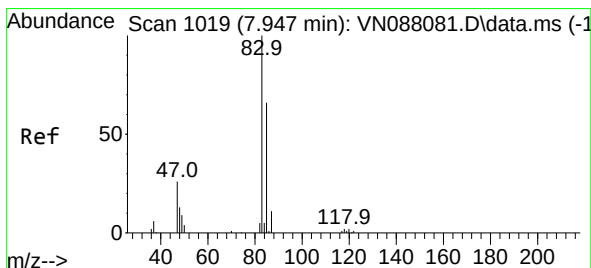
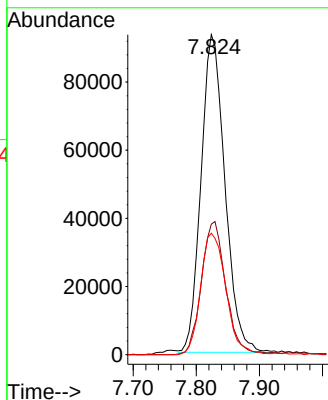
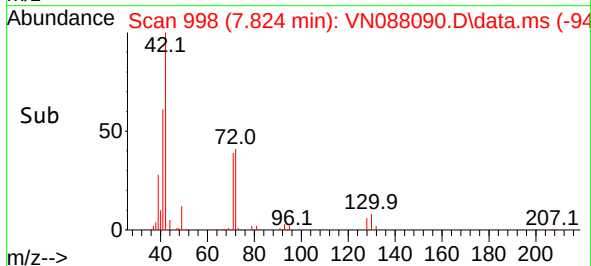
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 42 Resp: 245942
Ion Ratio Lower Upper
42 100
72 42.5 33.7 50.5
71 40.4 31.9 47.9

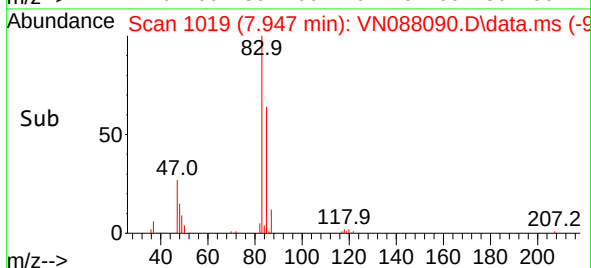
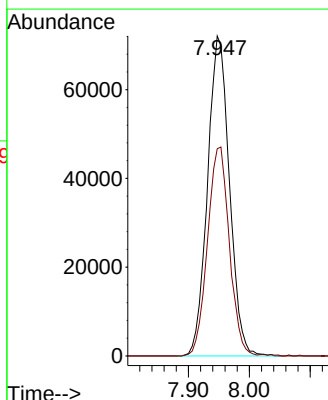
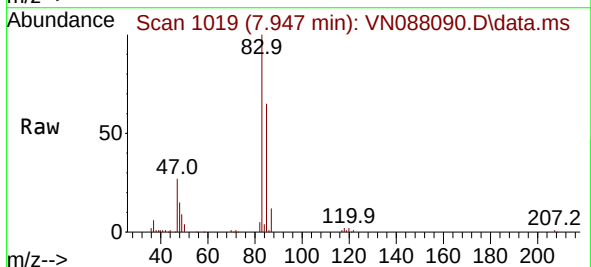
Manual Integrations
APPROVED

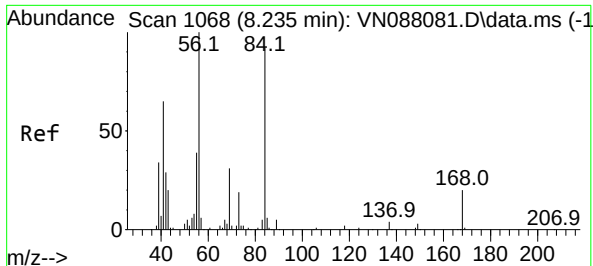
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#30
Chloroform
Concen: 19.726 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

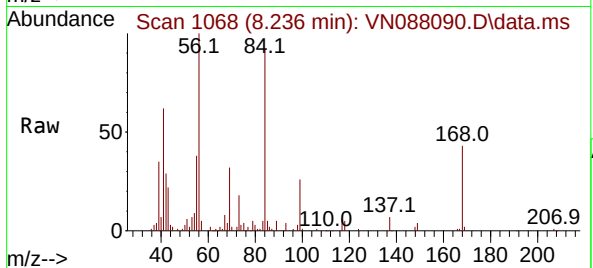
Tgt Ion: 83 Resp: 180175
Ion Ratio Lower Upper
83 100
85 64.8 50.7 76.1





#31
Cyclohexane
Concen: 19.398 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

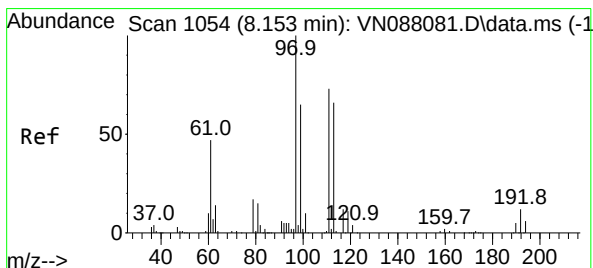
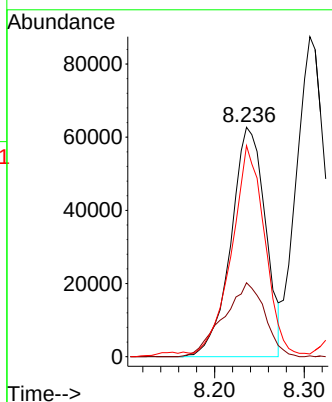
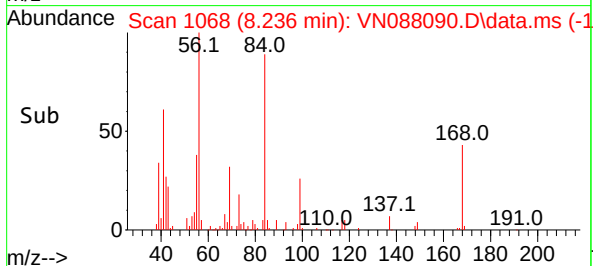
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



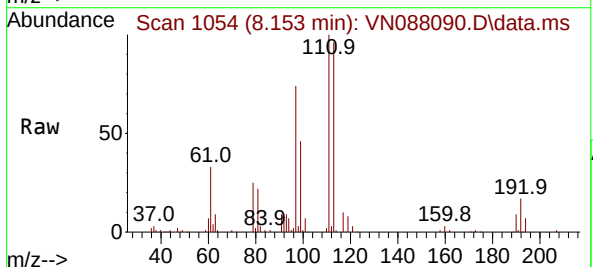
Tgt Ion: 56 Resp: 167272
Ion Ratio Lower Upper
56 100
69 32.2 23.7 35.5
84 90.5 64.7 97.1

Manual Integrations
APPROVED

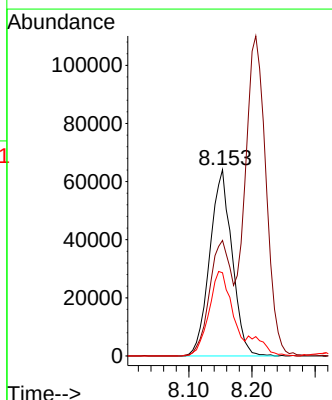
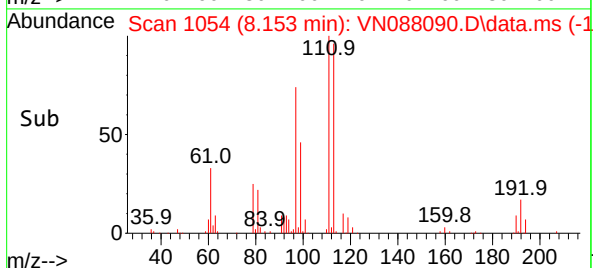
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

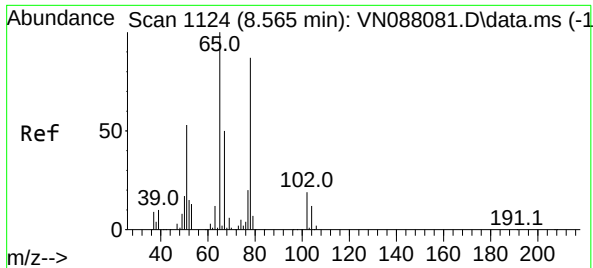


#32
1,1,1-Trichloroethane
Concen: 19.263 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



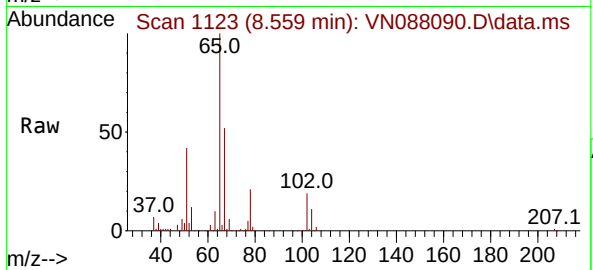
Tgt Ion: 97 Resp: 156709
Ion Ratio Lower Upper
97 100
99 60.2 52.2 78.2
61 47.5 41.2 61.8





#33
1,2-Dichloroethane-d4
Concen: 48.555 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

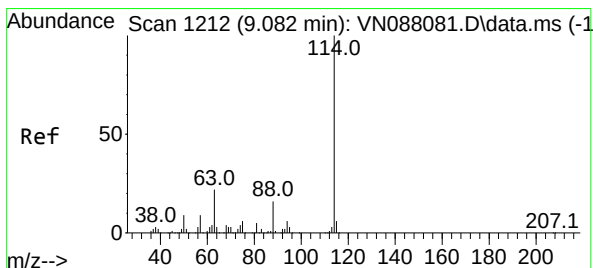
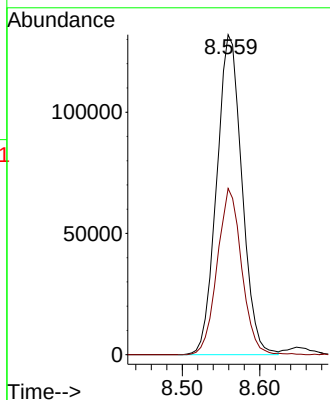
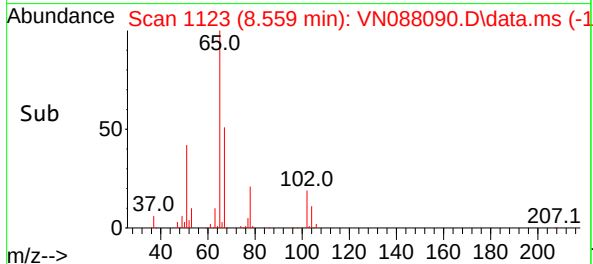
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



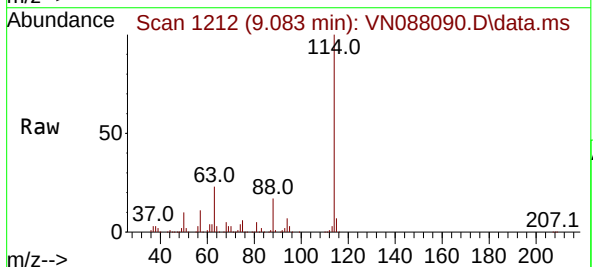
Tgt Ion: 65 Resp: 299119
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.0

Manual Integrations
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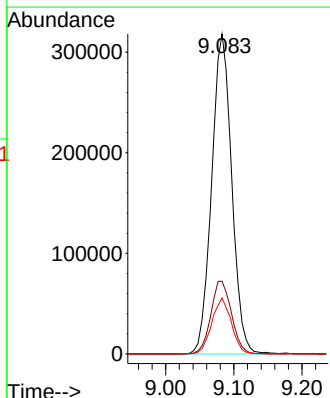
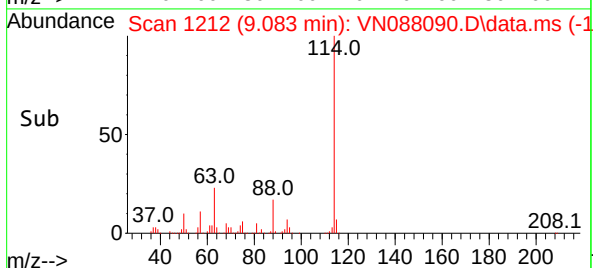
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

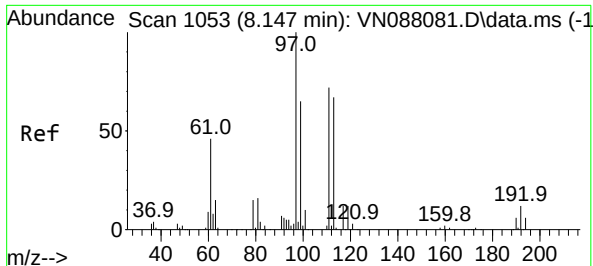


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



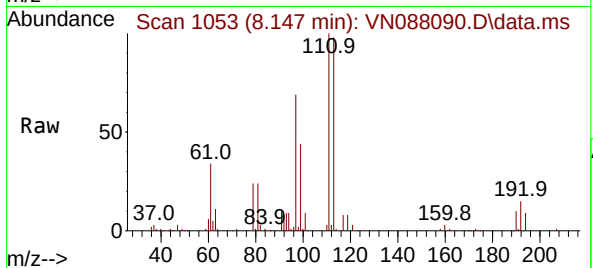
Tgt Ion:114 Resp: 651642
Ion Ratio Lower Upper
114 100
63 22.7 0.0 45.2
88 17.5 0.0 33.4





#35
Dibromofluoromethane
Concen: 46.876 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

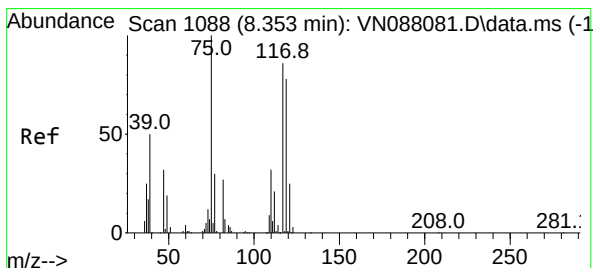
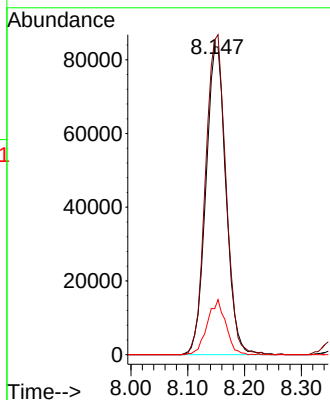
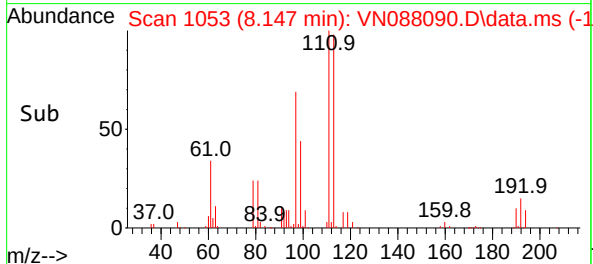
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



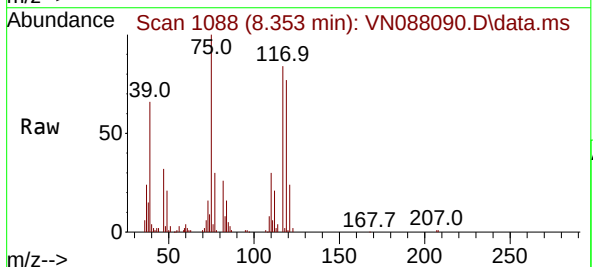
Tgt Ion: 113 Resp: 20521
Ion Ratio Lower Upper
113 100
111 104.9 82.8 124.2
192 16.5 12.8 19.2

Manual Integrations
APPROVED

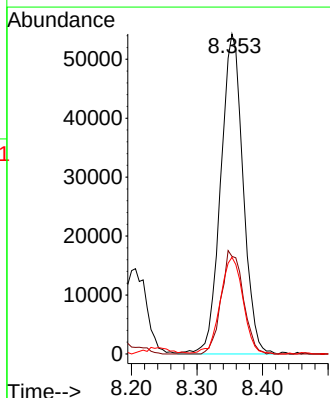
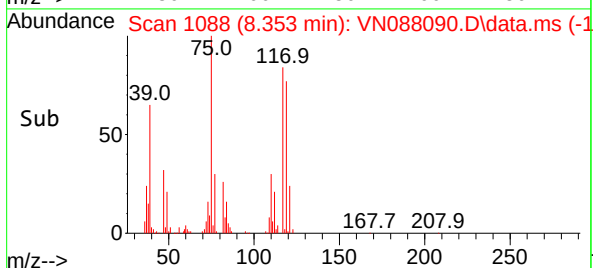
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

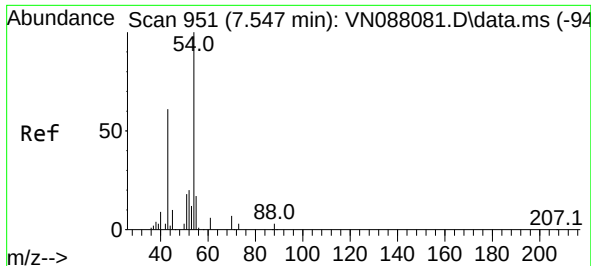


#36
1,1-Dichloropropene
Concen: 20.122 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



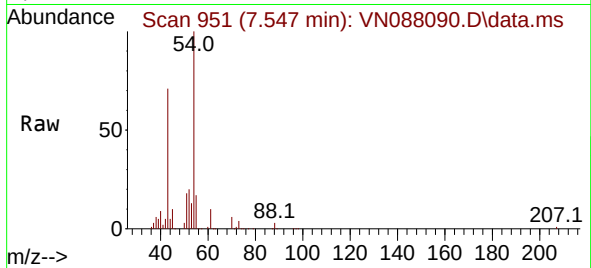
Tgt Ion: 75 Resp: 128622
Ion Ratio Lower Upper
75 100
110 31.6 15.9 47.6
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 18.840 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

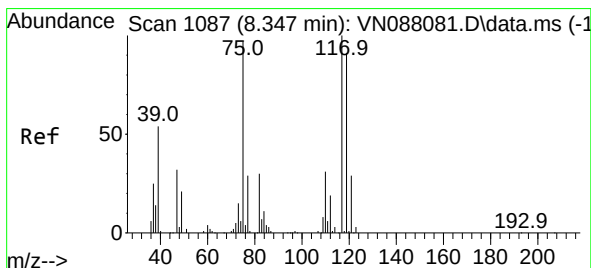
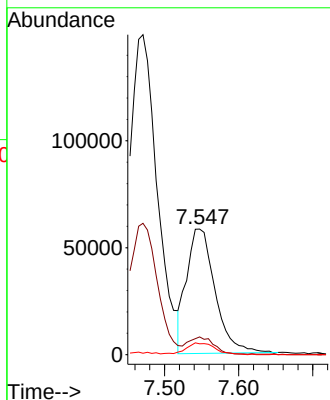
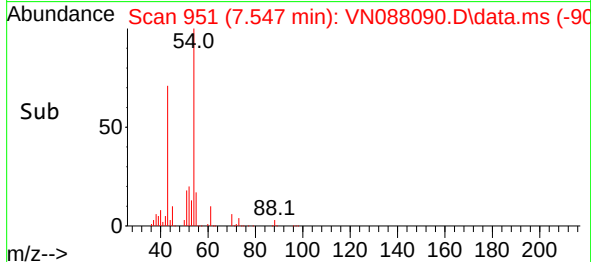
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 43 Resp: 15540
Ion Ratio Lower Upper
43 100
61 12.3 9.3 13.9
70 9.6 7.0 10.6

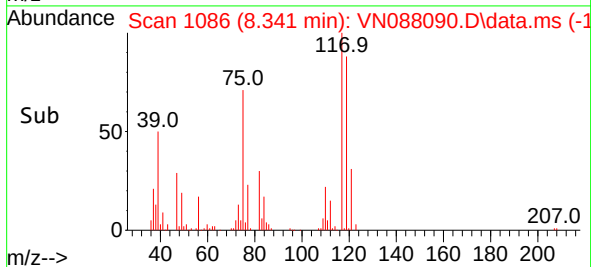
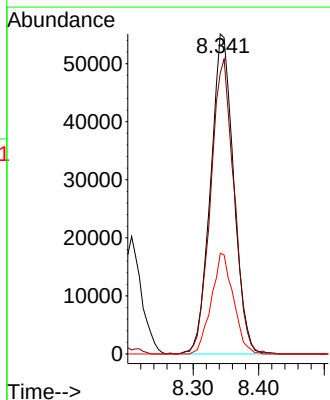
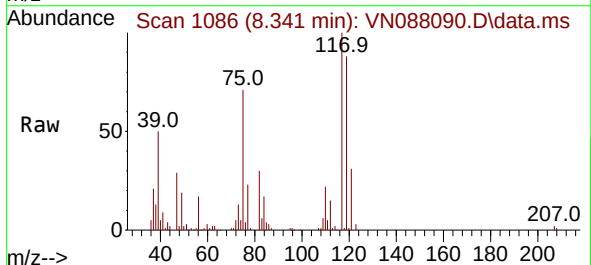
Manual Integrations
APPROVED

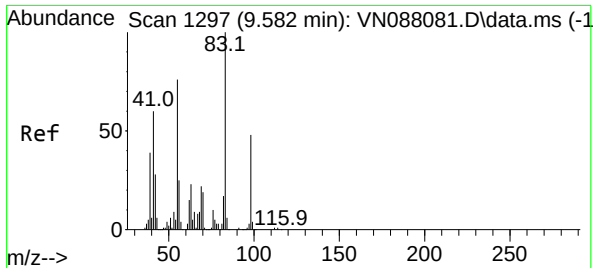
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#38
Carbon Tetrachloride
Concen: 20.380 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

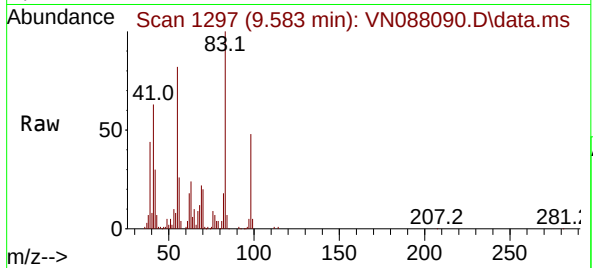
Tgt Ion:117 Resp: 134549
Ion Ratio Lower Upper
117 100
119 87.8 79.0 118.6
121 31.5 25.0 37.6





#39
Methylcyclohexane
Concen: 18.896 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

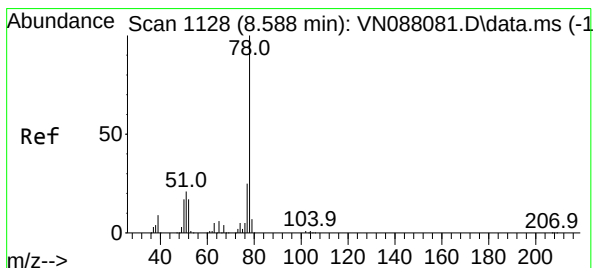
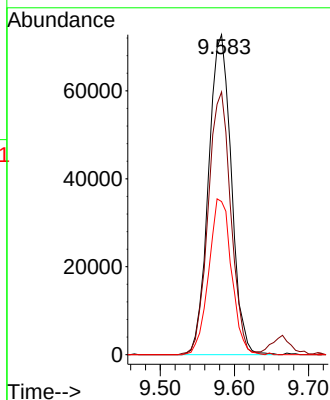
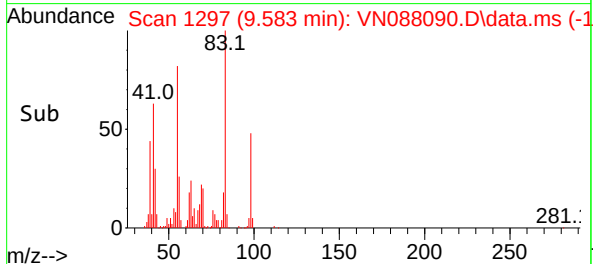
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 83 Resp: 155249
Ion Ratio Lower Upper
83 100
55 82.1 64.6 96.8
98 47.8 38.4 57.6

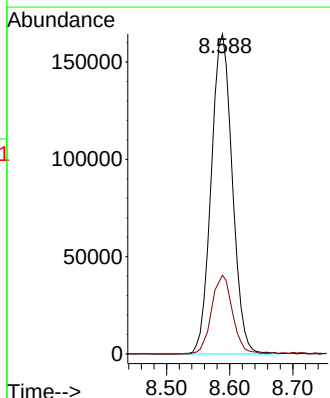
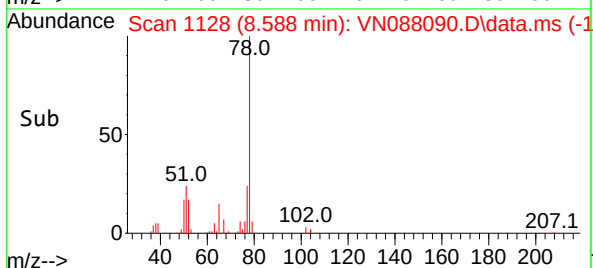
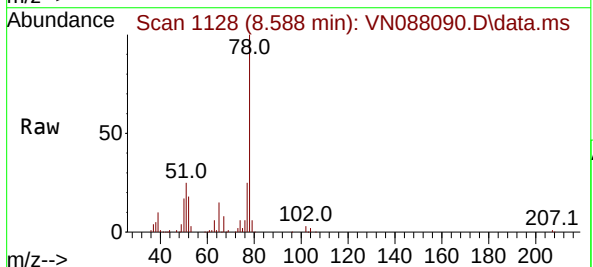
Manual Integrations
APPROVED

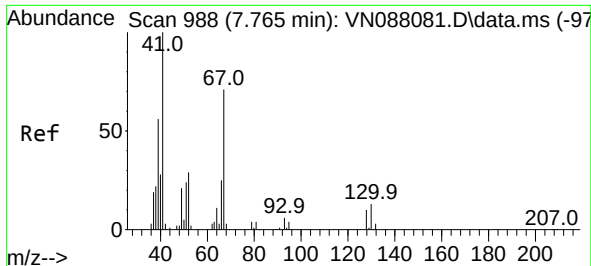
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#40
Benzene
Concen: 19.594 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Tgt Ion: 78 Resp: 381424
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5





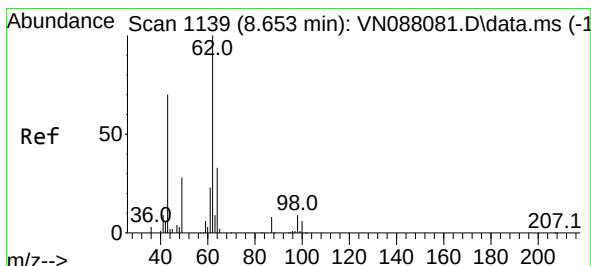
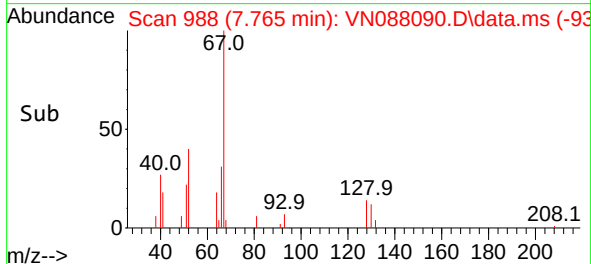
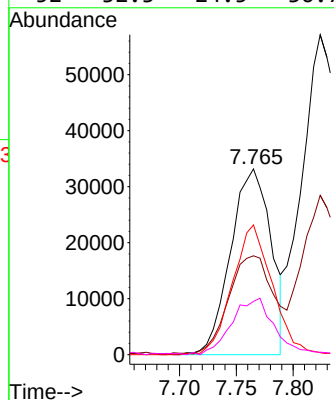
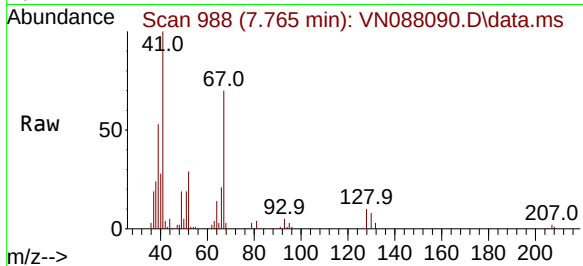
#41
Methacrylonitrile
Concen: 18.954 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

Tgt Ion: 41 Resp: 8228
Ion Ratio Lower Upper
41 100
39 61.0 45.4 68.0
67 68.8 55.3 82.9
52 32.3 24.5 36.7

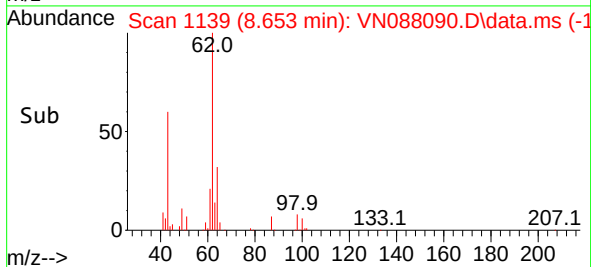
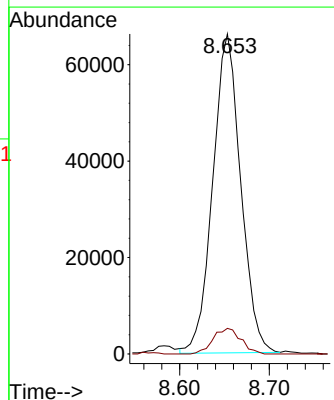
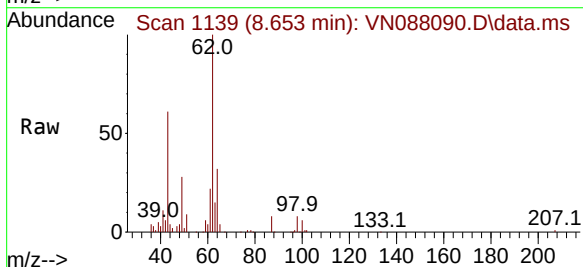
Manual Integrations
APPROVED

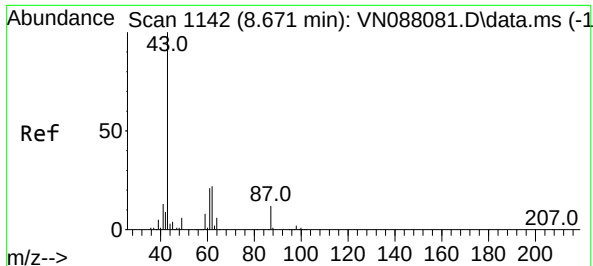
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#42
1,2-Dichloroethane
Concen: 20.660 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

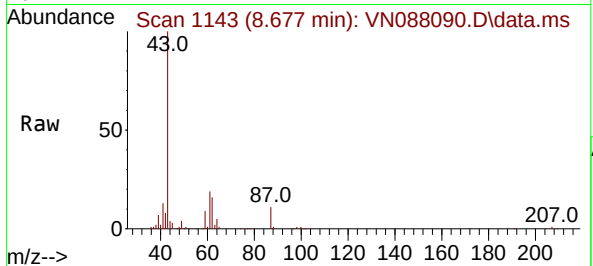
Tgt Ion: 62 Resp: 142901
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.4





#43
Isopropyl Acetate
Concen: 20.008 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

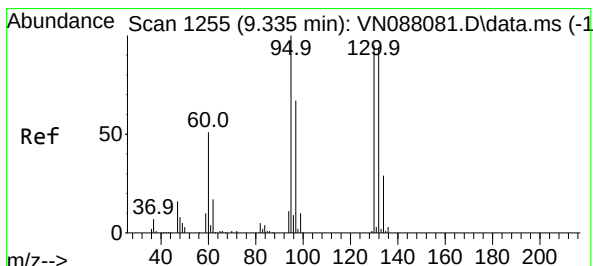
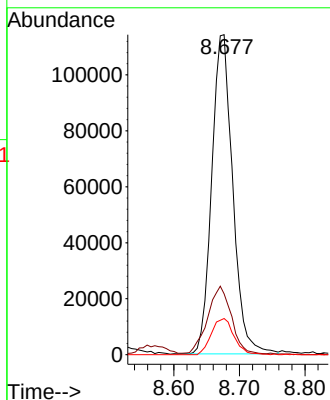
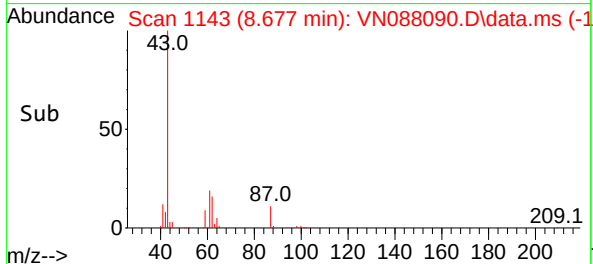
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 43 Resp: 25360
Ion Ratio Lower Upper
43 100
61 24.0 18.8 28.2
87 12.2 9.6 14.4

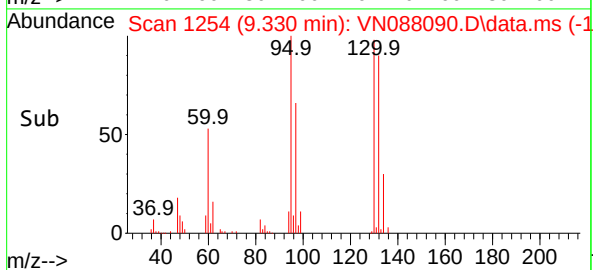
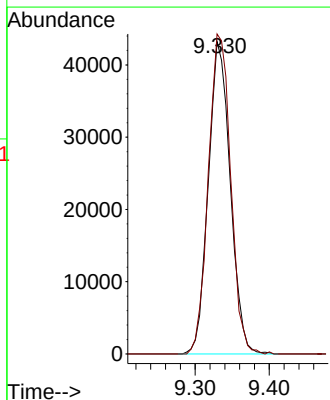
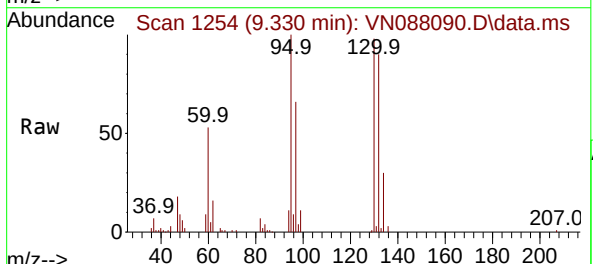
Manual Integrations
APPROVED

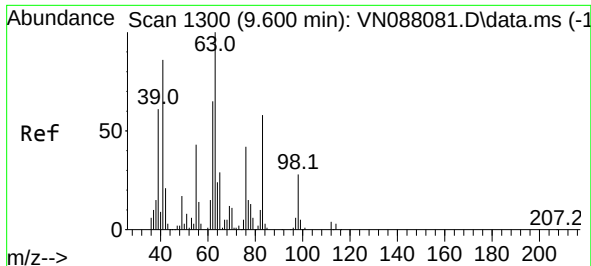
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#44
Trichloroethene
Concen: 19.531 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Tgt Ion:130 Resp: 88868
Ion Ratio Lower Upper
130 100
95 102.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 20.017 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088090.D

Acq: 24 Oct 2025 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

Tgt Ion: 63 Resp: 98375

Ion Ratio Lower Upper

63 100

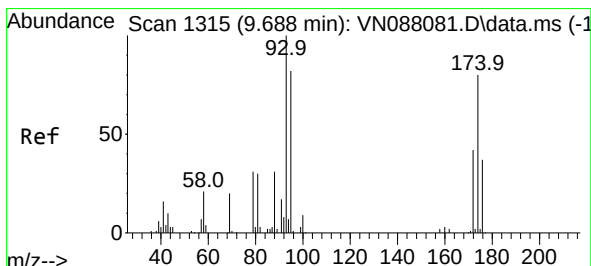
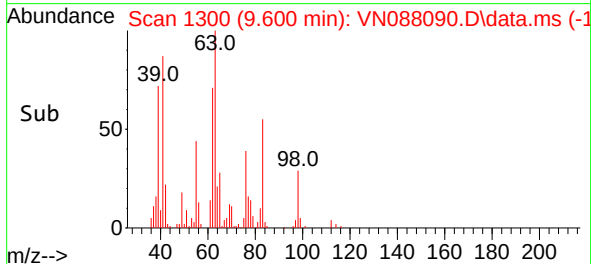
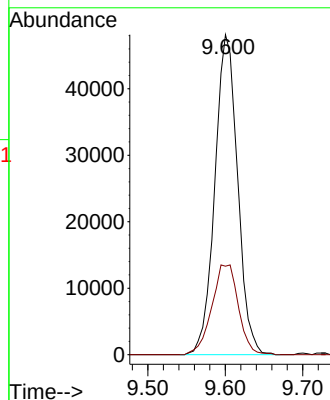
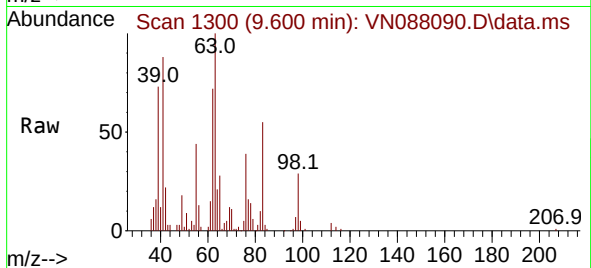
65 27.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#46

Dibromomethane

Concen: 20.257 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088090.D

Acq: 24 Oct 2025 13:43

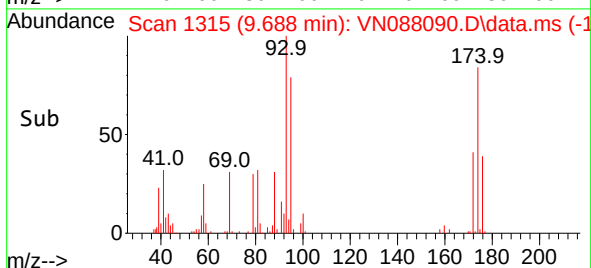
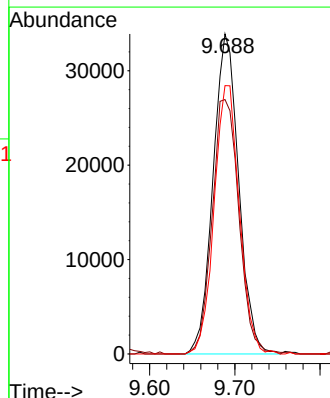
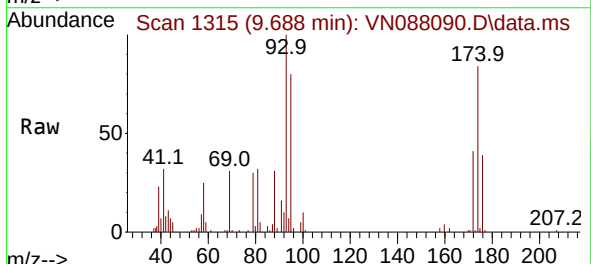
Tgt Ion: 93 Resp: 71004

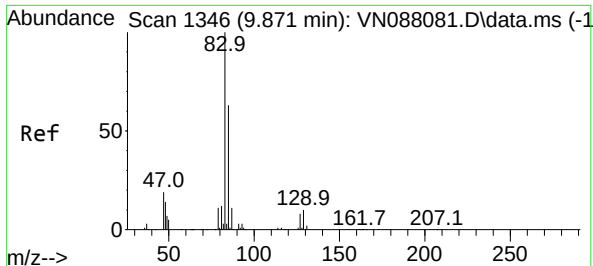
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

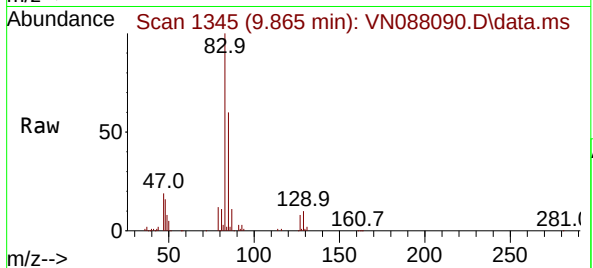
174 82.6 63.4 95.2





#47
Bromodichloromethane
Concen: 20.312 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

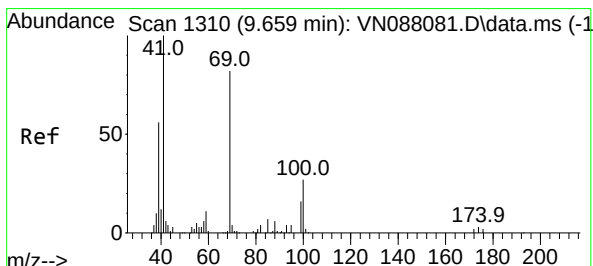
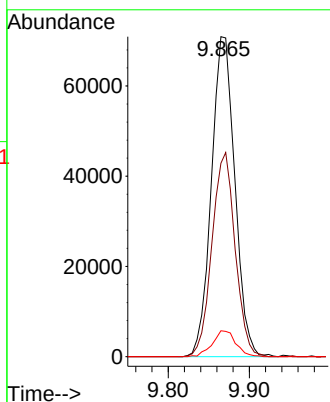
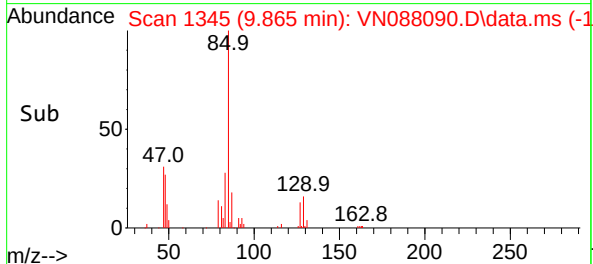
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



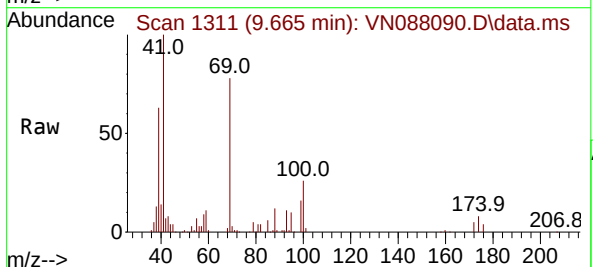
Tgt Ion: 83 Resp: 14254
Ion Ratio Lower Upper
83 100
85 60.4 52.5 78.7
127 8.1 5.8 8.6

Manual Integrations
APPROVED

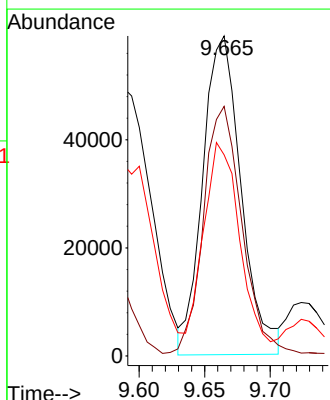
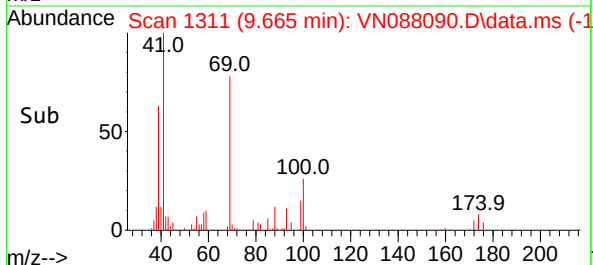
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

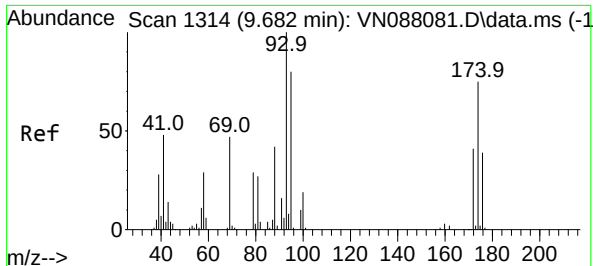


#48
Methyl methacrylate
Concen: 20.538 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



Tgt Ion: 41 Resp: 120186
Ion Ratio Lower Upper
41 100
69 79.0 62.7 94.1
39 63.8 52.9 79.3





#49

1,4-Dioxane

Concen: 380.241 ug/l

RT: 9.683 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088090.D

Acq: 24 Oct 2025 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

Tgt Ion: 88 Resp: 2767

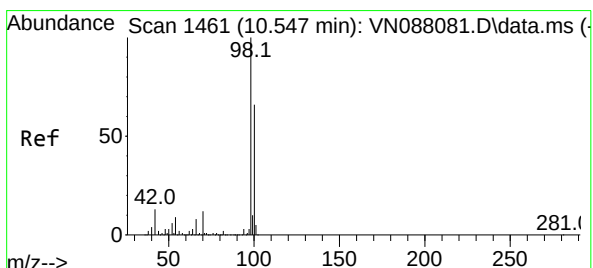
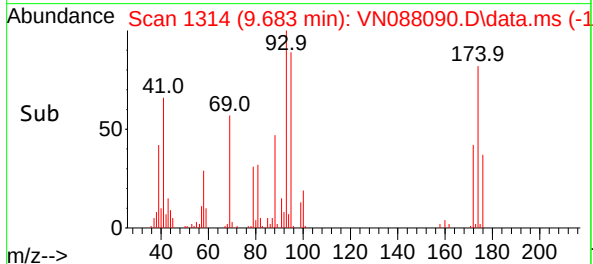
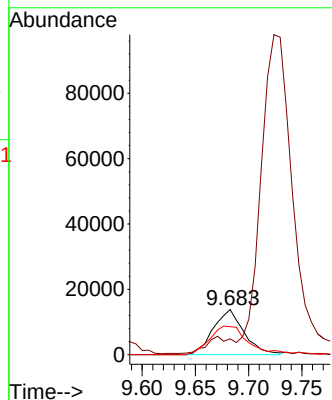
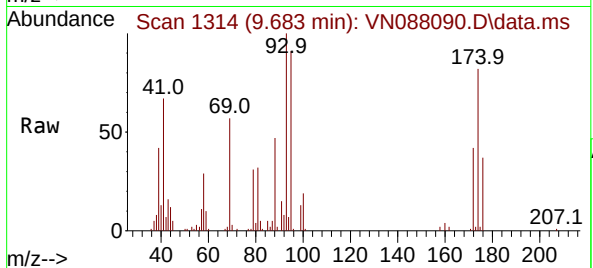
Ion	Ratio	Lower	Upper
88	100		
43	31.6	0.0	0.0
58	81.9	57.9	86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#50

Toluene-d8

Concen: 46.536 ug/l

RT: 10.547 min Scan# 1461

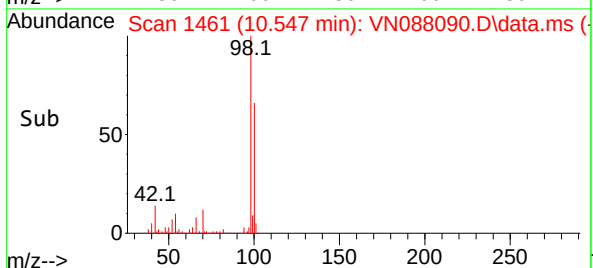
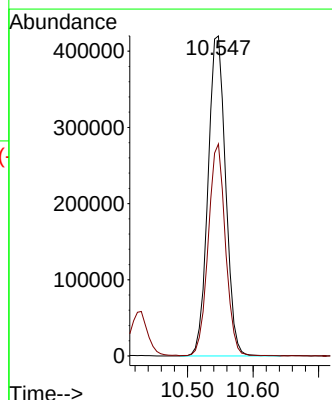
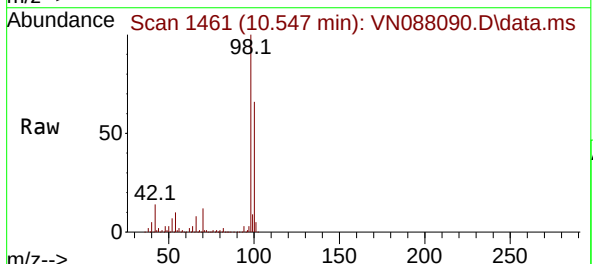
Delta R.T. 0.000 min

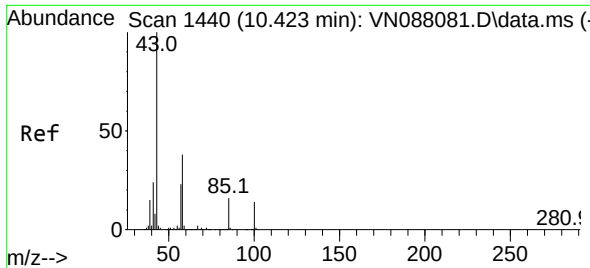
Lab File: VN088090.D

Acq: 24 Oct 2025 13:43

Tgt Ion: 98 Resp: 784983

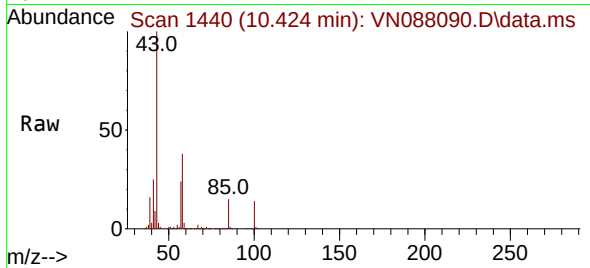
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.8	79.2





#51
4-Methyl-2-Pentanone
Concen: 102.640 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

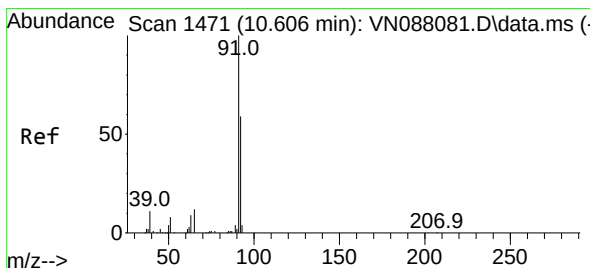
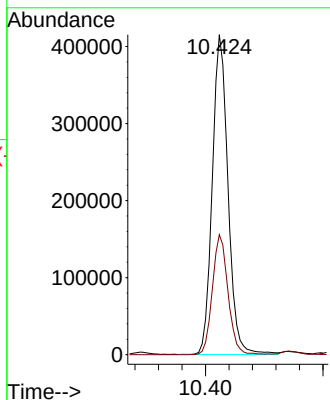
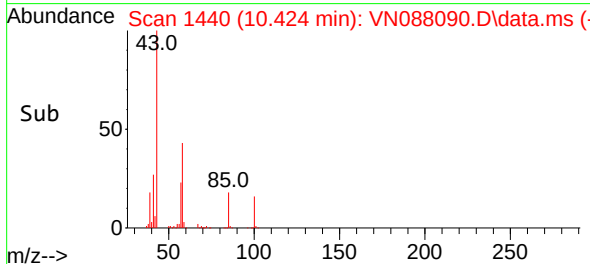
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 43 Resp: 769640
Ion Ratio Lower Upper
43 100
58 37.3 29.6 44.4

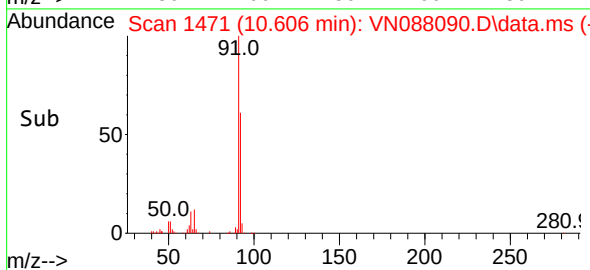
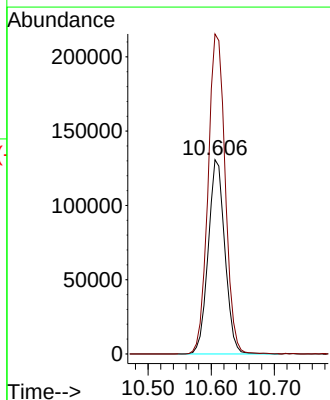
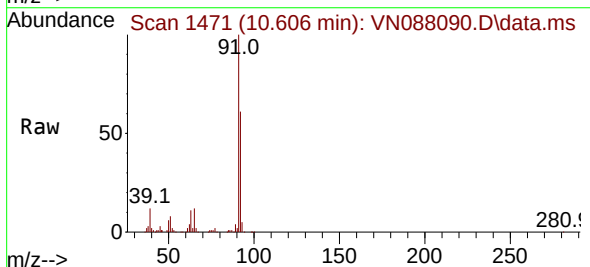
Manual Integrations
APPROVED

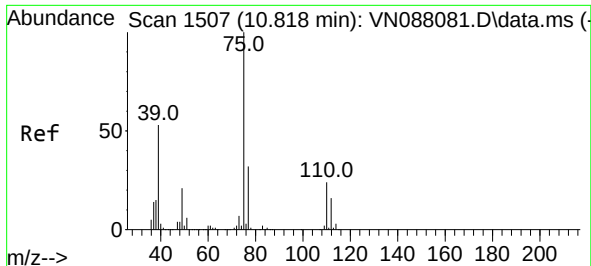
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#52
Toluene
Concen: 19.931 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

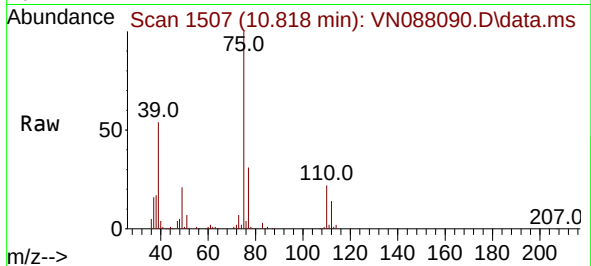
Tgt Ion: 92 Resp: 239219
Ion Ratio Lower Upper
92 100
91 169.6 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 19.708 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

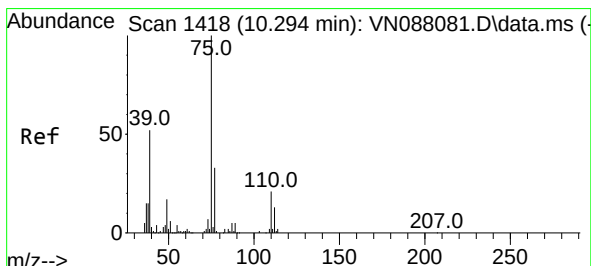
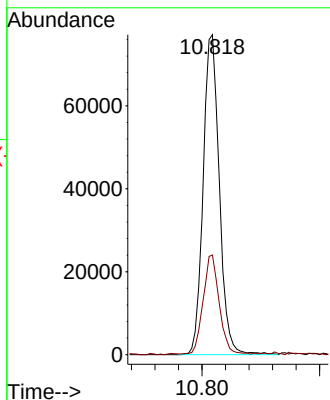
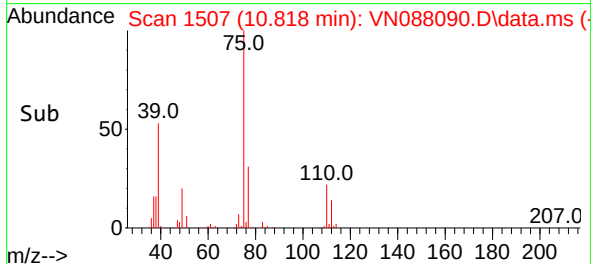
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



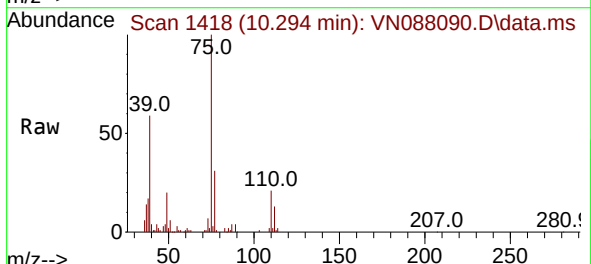
Tgt Ion: 75 Resp: 147197
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8

Manual Integrations
APPROVED

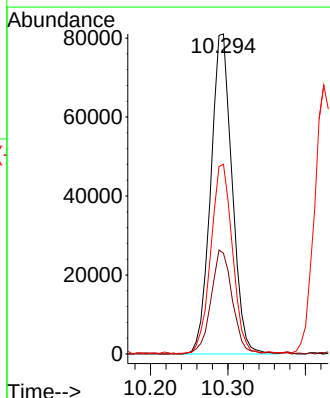
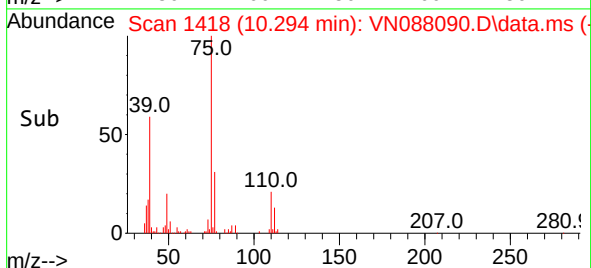
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

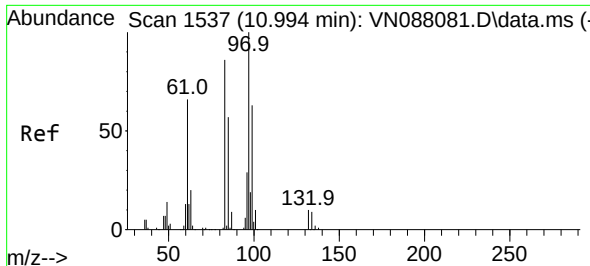


#54
cis-1,3-Dichloropropene
Concen: 19.602 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



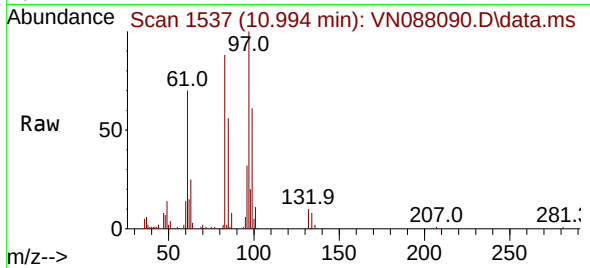
Tgt Ion: 75 Resp: 155355
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0
39 59.1 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 19.535 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

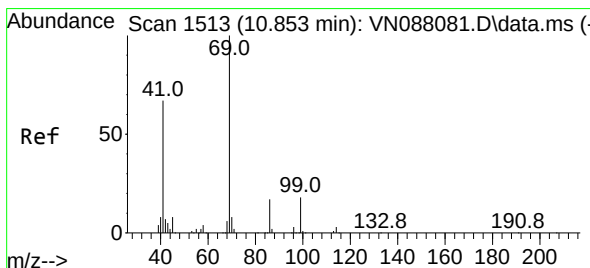
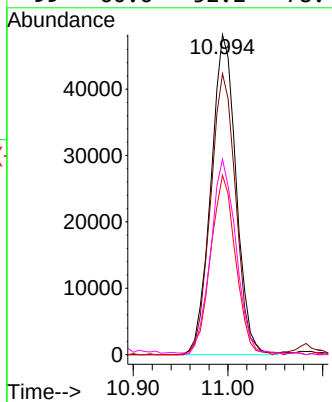
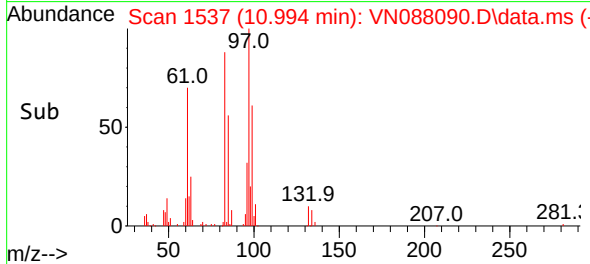
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



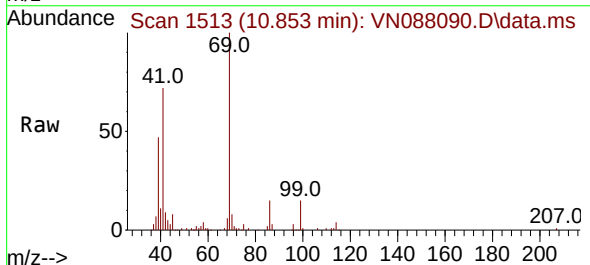
Tgt Ion:	97	Resp:	88950
Ion	Ratio	Lower	Upper
97	100		
83	87.8	68.2	102.4
85	56.1	45.5	68.3
99	60.6	52.2	78.4

Manual Integrations
APPROVED

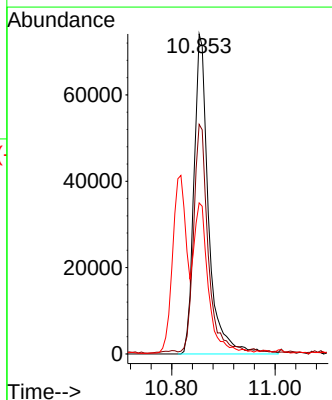
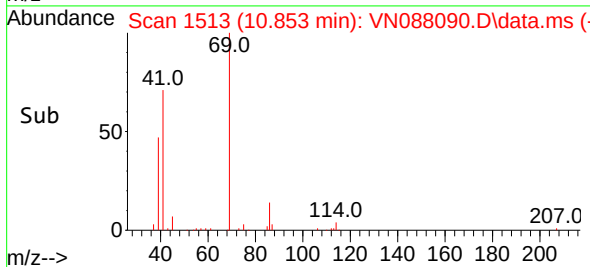
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

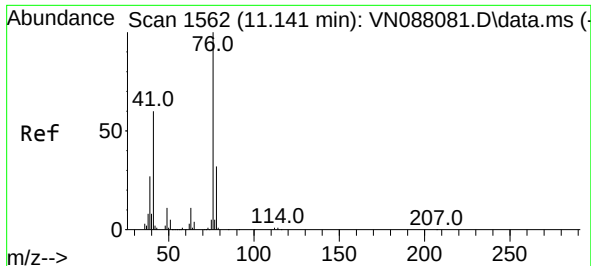


#56
Ethyl methacrylate
Concen: 20.222 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



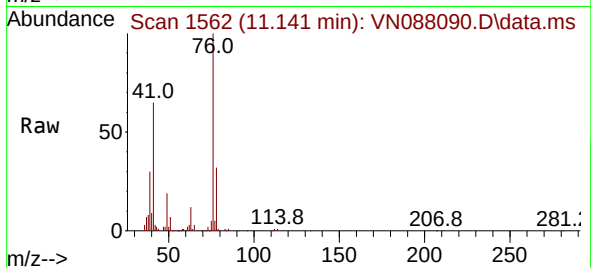
Tgt Ion:	69	Resp:	145715
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.5	84.7
39	46.0	34.2	51.4





#57
1,3-Dichloropropane
Concen: 20.048 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

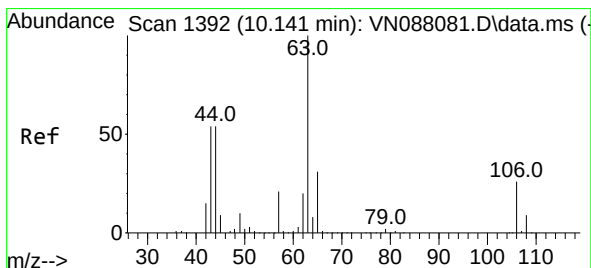
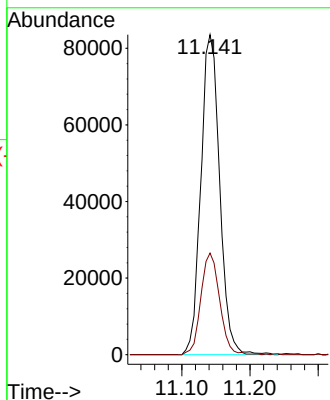
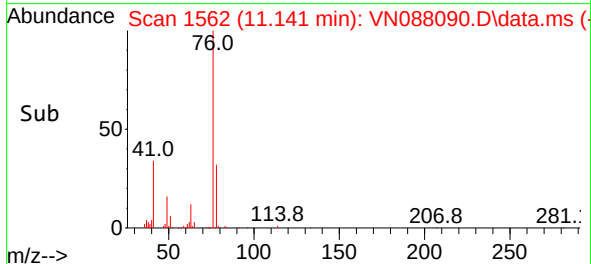
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 76 Resp: 16045
Ion Ratio Lower Upper
76 100
78 31.5 26.2 39.4

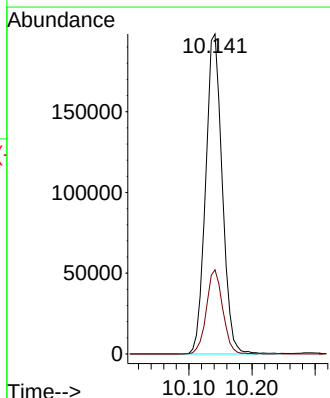
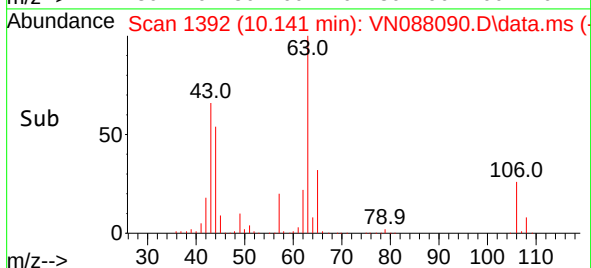
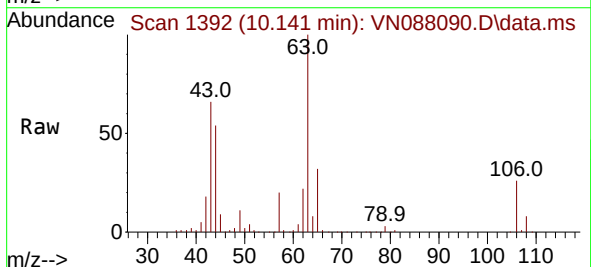
Manual Integrations
APPROVED

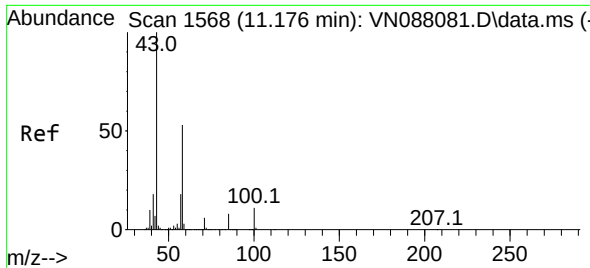
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 96.340 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

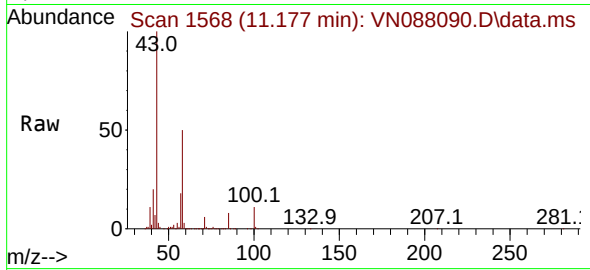
Tgt Ion: 63 Resp: 361100
Ion Ratio Lower Upper
63 100
106 25.9 21.1 31.7





#59
2-Hexanone
Concen: 101.283 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

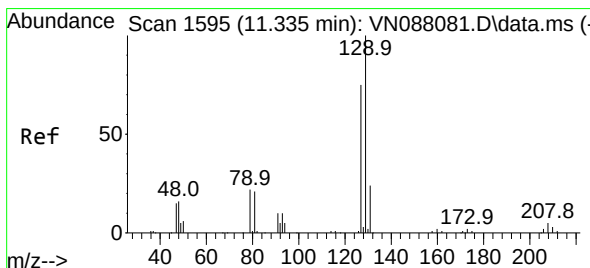
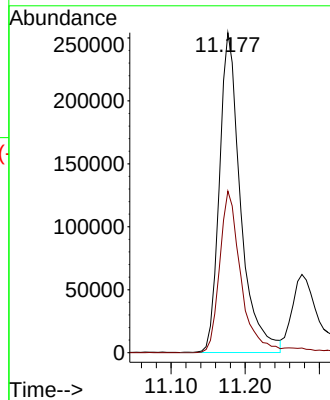
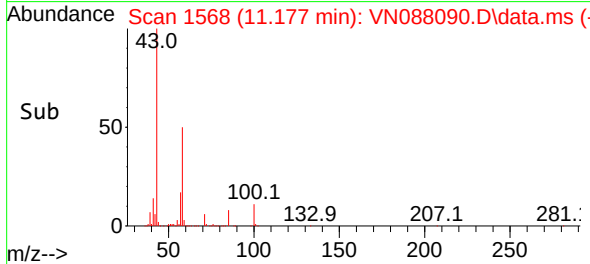
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 43 Resp: 503814
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.8

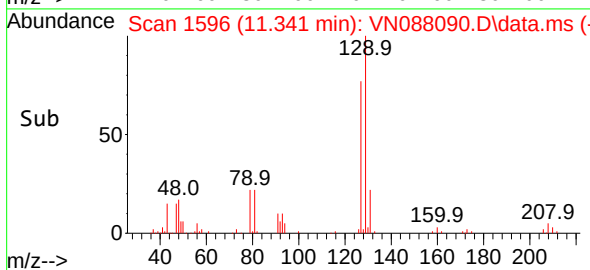
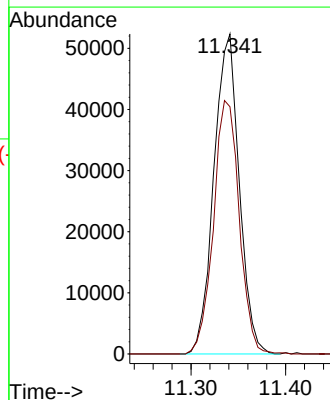
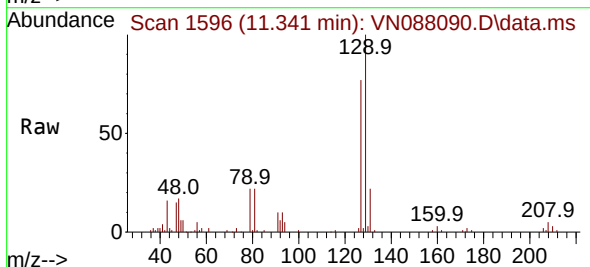
Manual Integrations
APPROVED

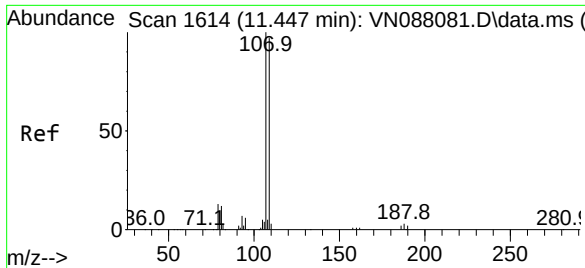
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#60
Dibromochloromethane
Concen: 18.817 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

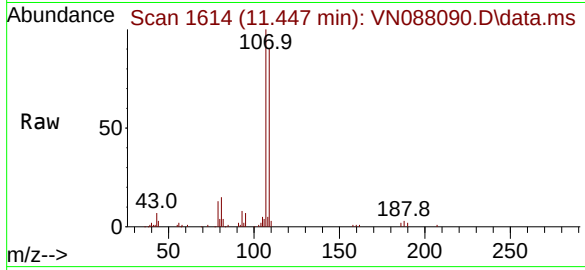
Tgt Ion:129 Resp: 97389
Ion Ratio Lower Upper
129 100
127 80.6 39.1 117.3





#61
1,2-Dibromoethane
Concen: 19.091 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

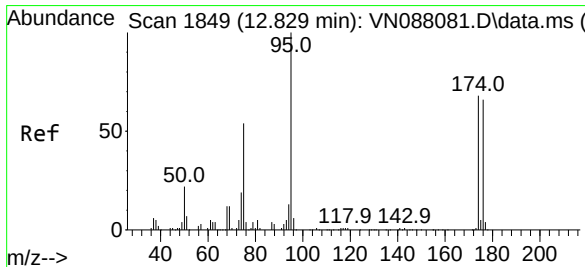
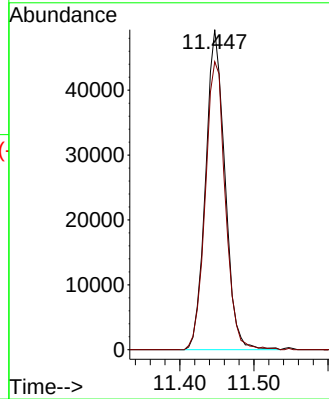
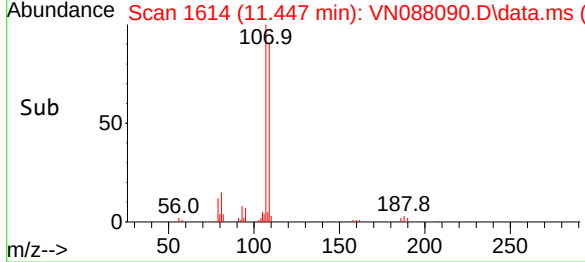
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion:107 Resp: 8946
Ion Ratio Lower Upper
107 100
109 93.3 74.7 112.1

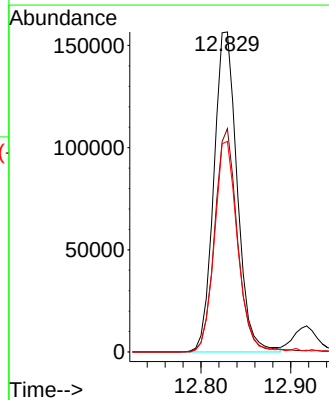
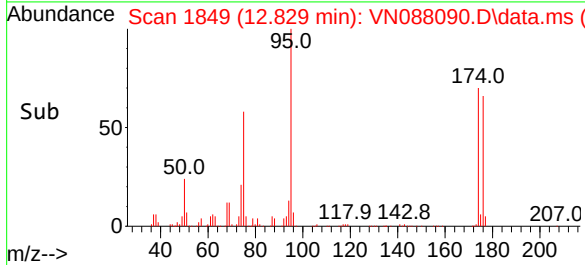
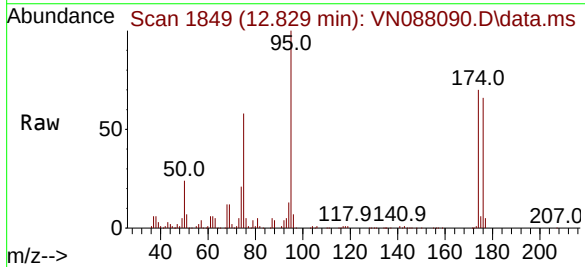
Manual Integrations
APPROVED

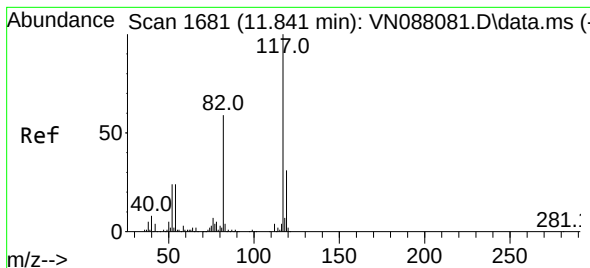
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#62
4-Bromofluorobenzene
Concen: 47.502 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

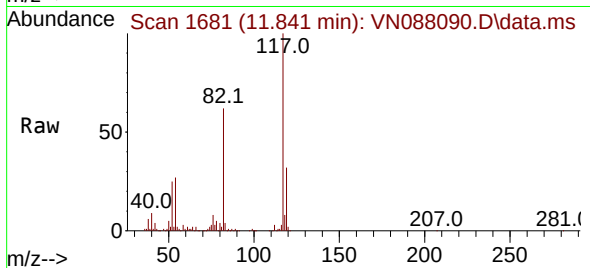
Tgt Ion: 95 Resp: 282981
Ion Ratio Lower Upper
95 100
174 68.3 0.0 138.4
176 65.4 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

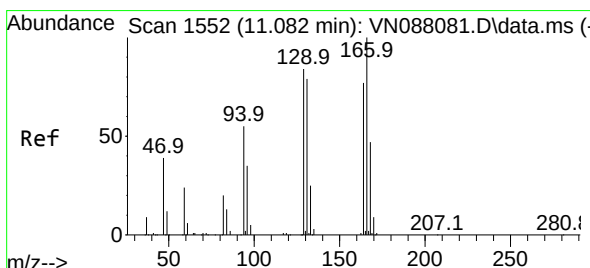
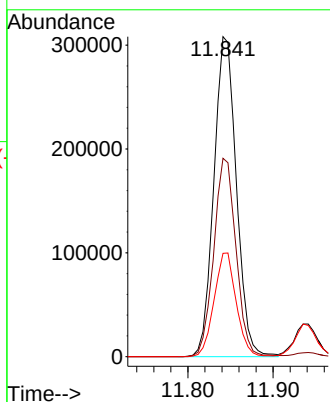
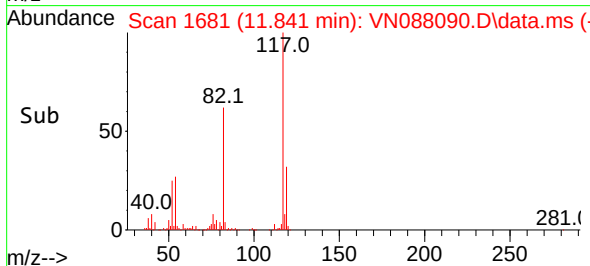
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



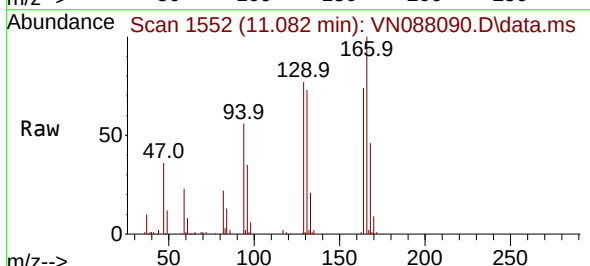
Tgt Ion:117 Resp: 567094
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 32.3 24.3 36.5

Manual Integrations
APPROVED

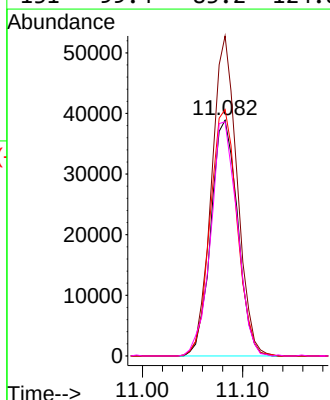
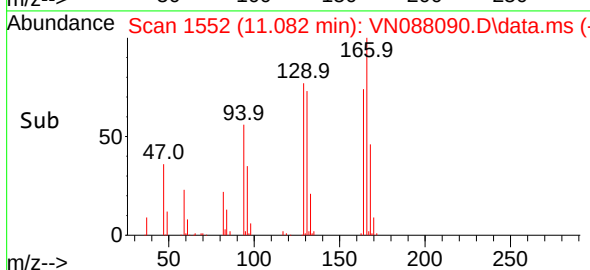
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

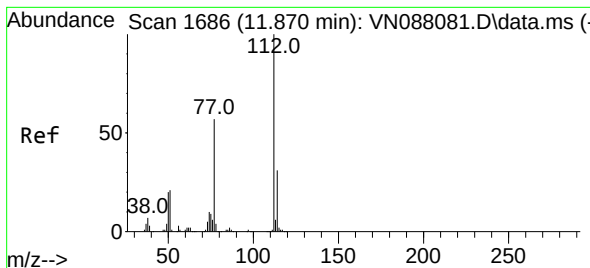


#64
Tetrachloroethene
Concen: 19.188 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



Tgt Ion:164 Resp: 71774
Ion Ratio Lower Upper
164 100
166 135.8 97.7 146.5
129 104.6 85.9 128.9
131 99.4 83.2 124.8





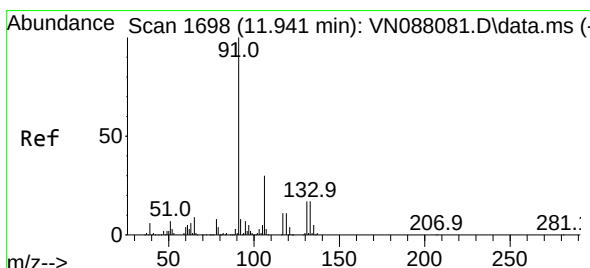
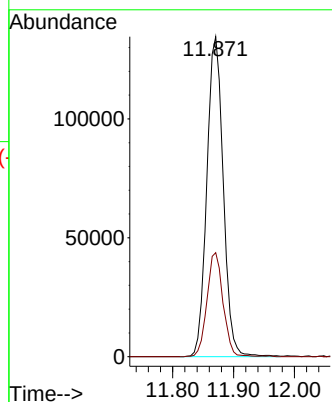
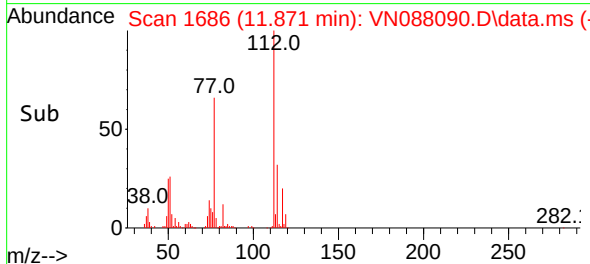
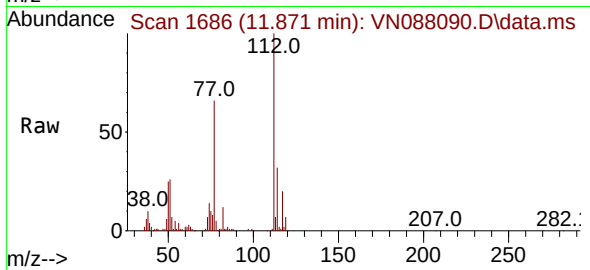
#65
Chlorobenzene
Concen: 19.566 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

Tgt Ion:112 Resp: 251954
Ion Ratio Lower Upper
112 100
114 32.5 24.3 36.5

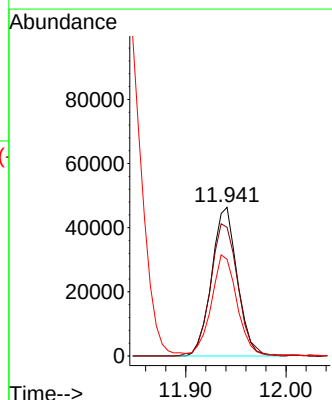
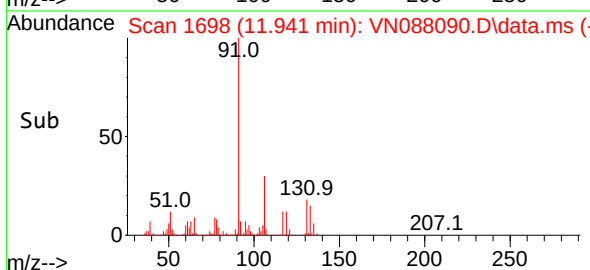
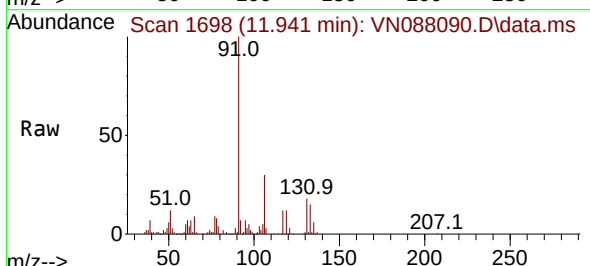
Manual Integrations
APPROVED

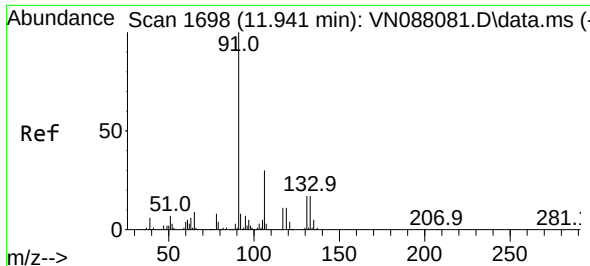
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.447 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

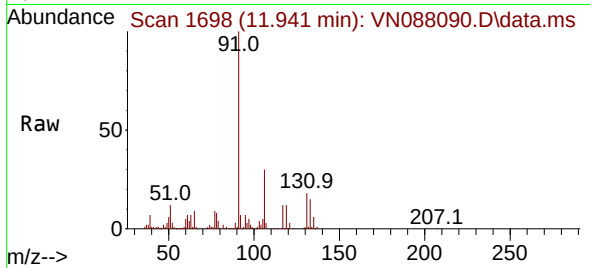
Tgt Ion:131 Resp: 82040
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 68.9 32.6 97.7





#67
Ethyl Benzene
Concen: 19.956 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

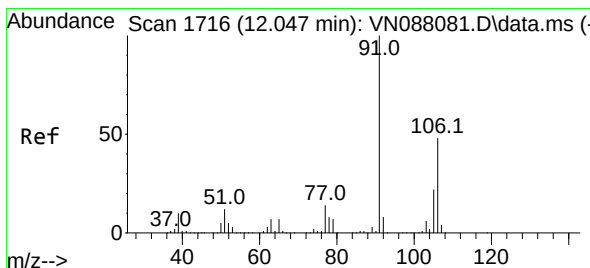
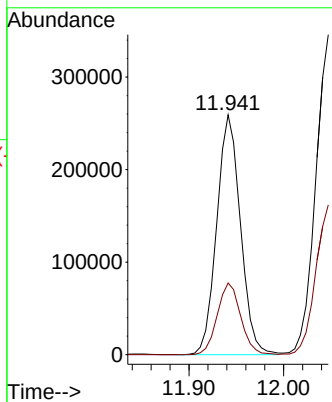
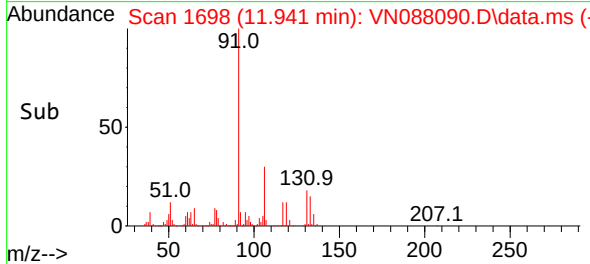
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 91 Resp: 45106
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1

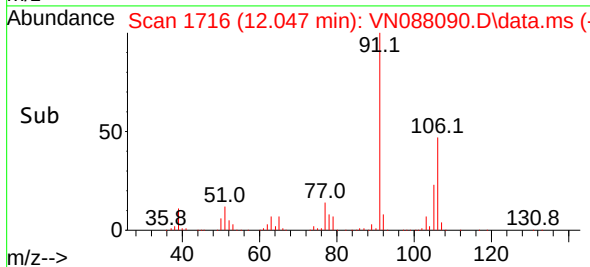
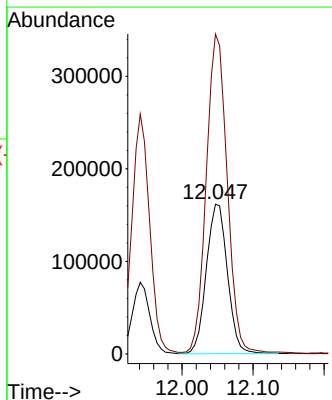
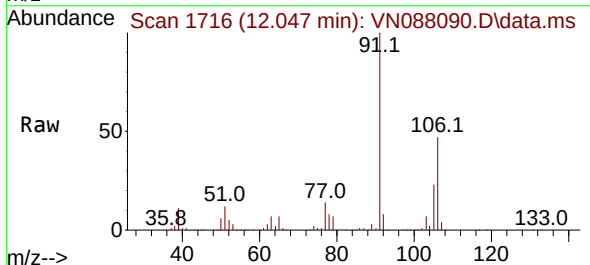
Manual Integrations
APPROVED

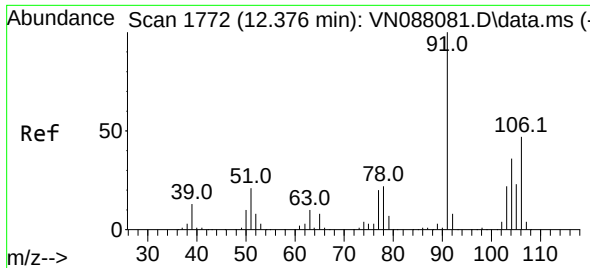
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#68
m/p-Xylenes
Concen: 39.368 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Tgt Ion:106 Resp: 333402
Ion Ratio Lower Upper
106 100
91 212.9 169.3 253.9





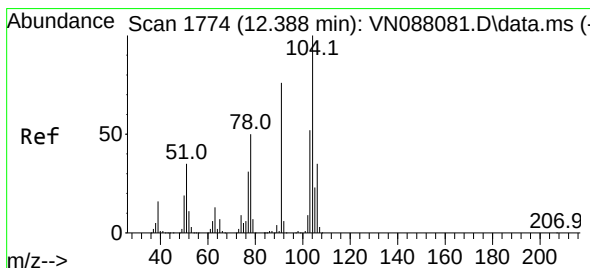
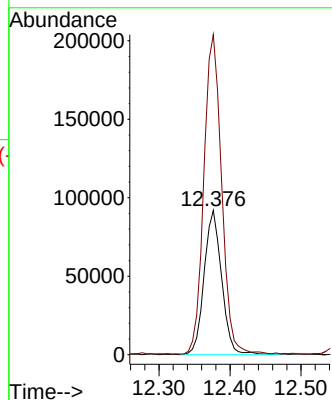
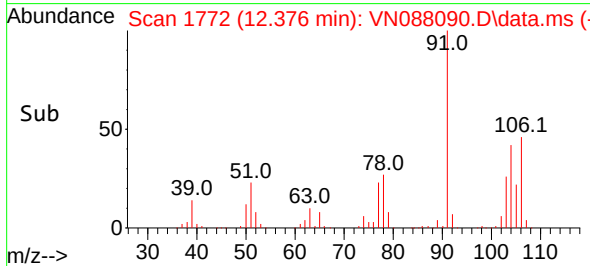
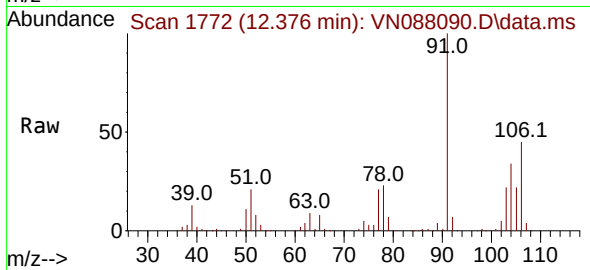
#69
o-Xylene
Concen: 19.687 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

Tgt Ion:106 Resp: 158050
Ion Ratio Lower Upper
106 100
91 223.9 111.4 334.2

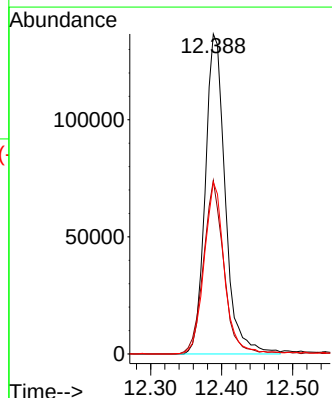
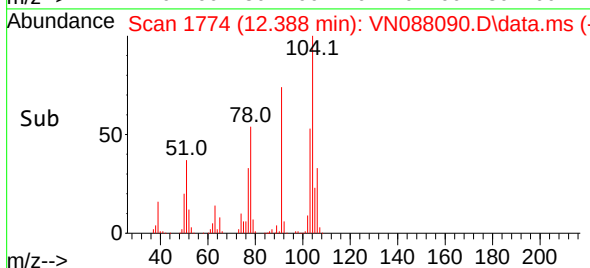
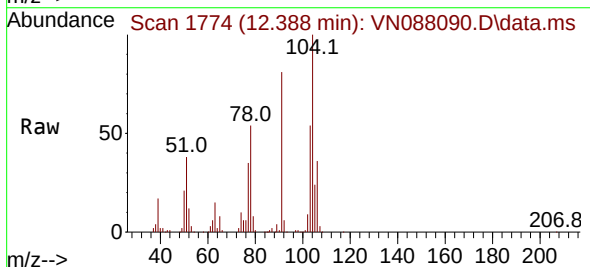
Manual Integrations
APPROVED

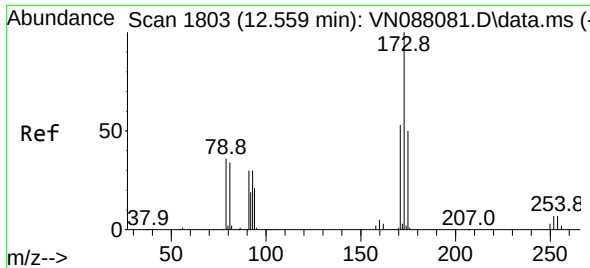
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#70
Styrene
Concen: 20.418 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

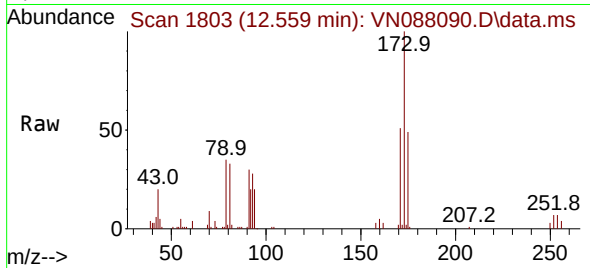
Tgt Ion:104 Resp: 267299
Ion Ratio Lower Upper
104 100
78 55.5 42.2 63.2
103 54.6 43.4 65.2





#71
Bromoform
Concen: 19.575 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

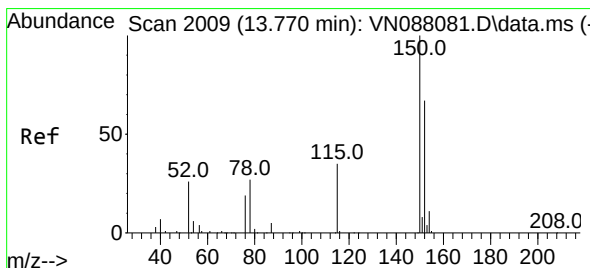
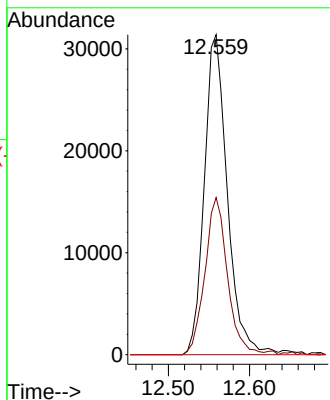
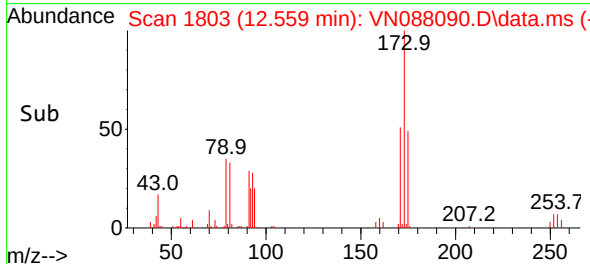
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



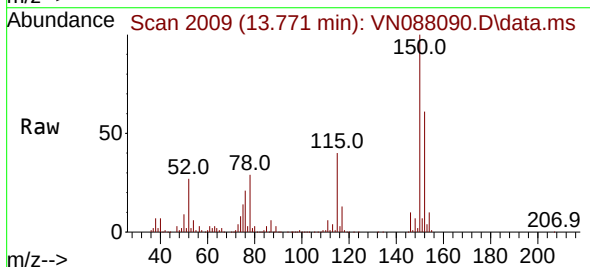
Tgt Ion:173 Resp: 6162
Ion Ratio Lower Upper
173 100
175 48.2 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

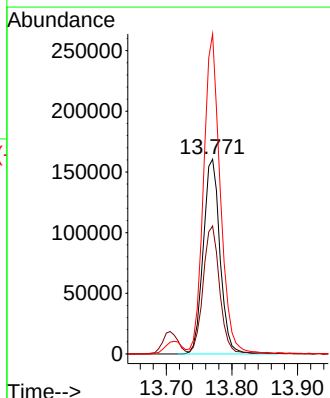
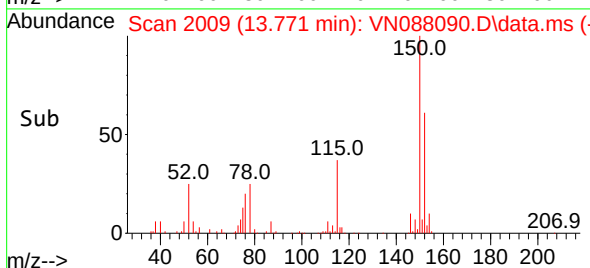
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

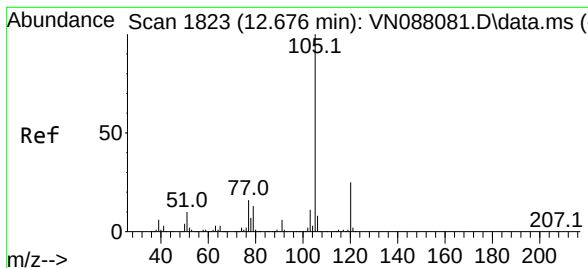


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



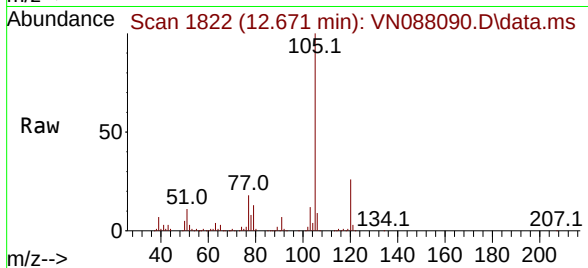
Tgt Ion:152 Resp: 286160
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 162.4 0.0 351.0





#73
Isopropylbenzene
Concen: 19.043 ug/l
RT: 12.671 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

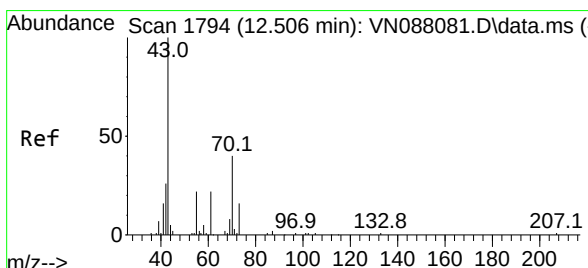
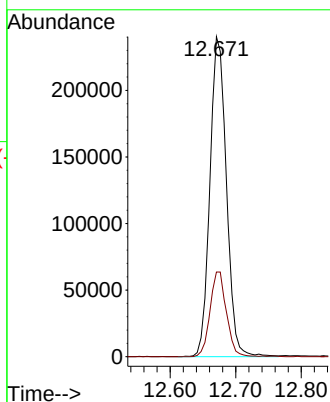
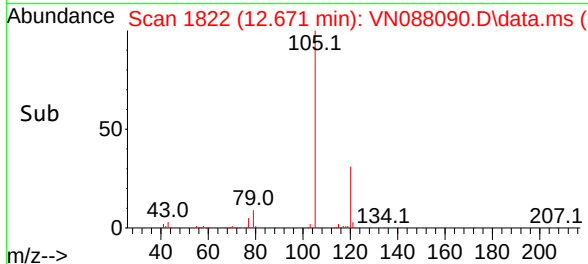
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



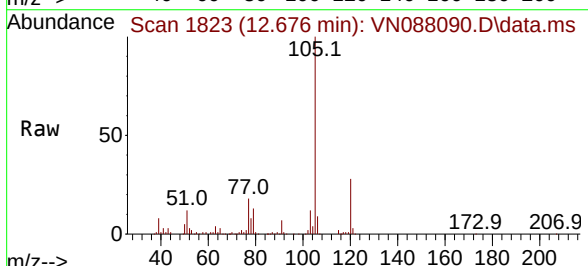
Tgt Ion:105 Resp: 420288
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.3

Manual Integrations
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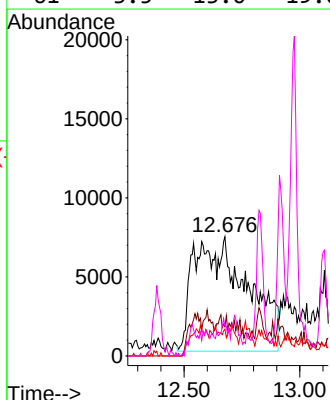
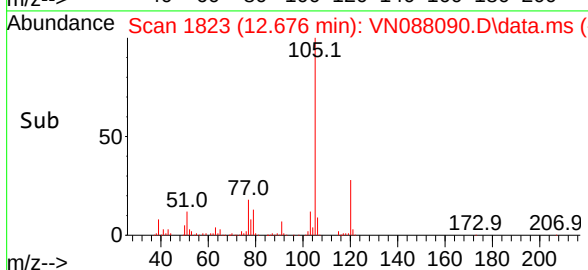
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

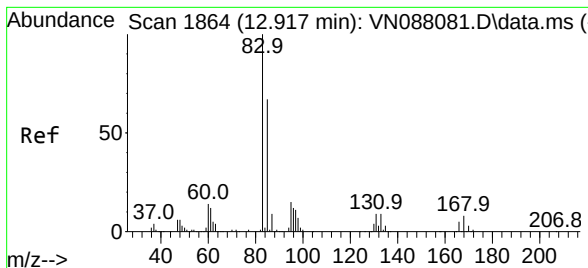


#74
N-ethyl acetate
Concen: 18.389 ug/l m
RT: 12.676 min Scan# 1823
Delta R.T. 0.176 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



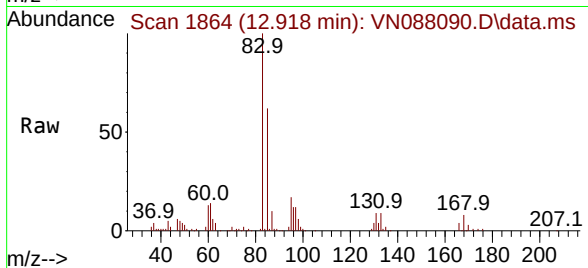
Tgt Ion: 43 Resp: 115215
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 0.0 13.0 19.6#
61 3.5 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.171 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

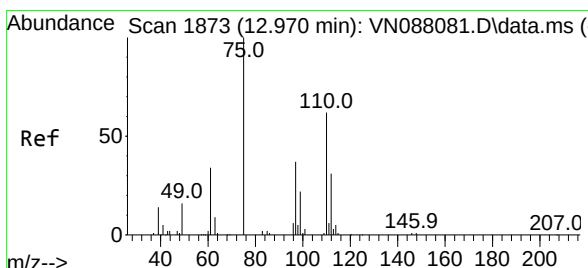
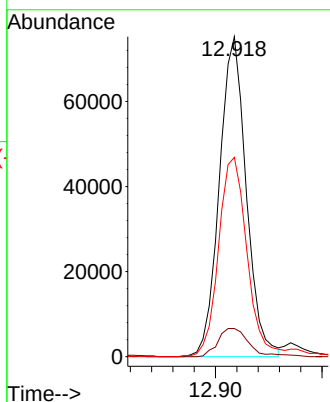
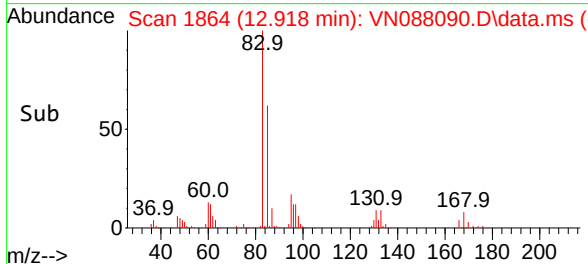
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



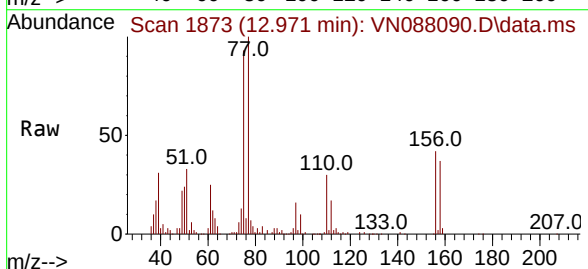
Tgt Ion: 83 Resp: 13173
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 65.9 32.1 96.3

Manual Integrations
APPROVED

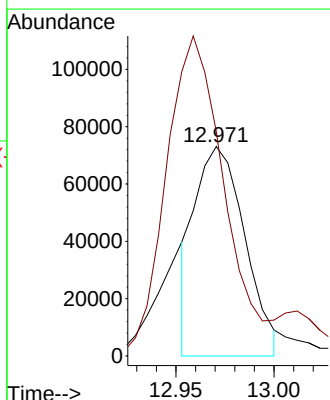
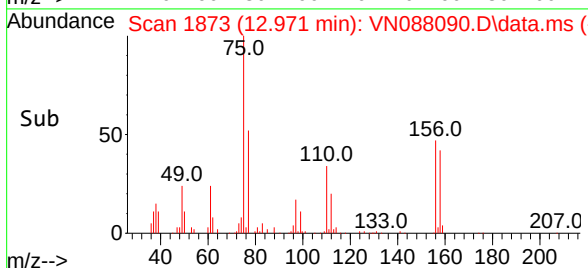
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

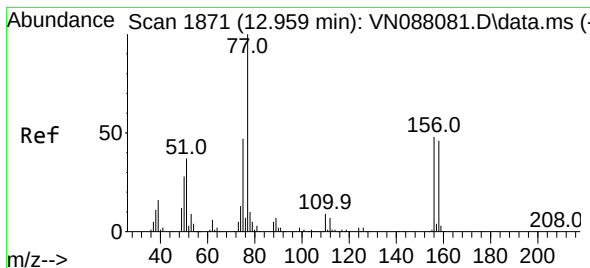


#76
1,2,3-Trichloropropane
Concen: 19.734 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



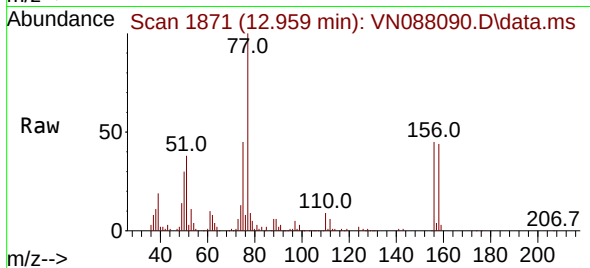
Tgt Ion: 75 Resp: 129112
Ion Ratio Lower Upper
75 100
77 179.8 89.1 267.4





#77
Bromobenzene
Concen: 19.301 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

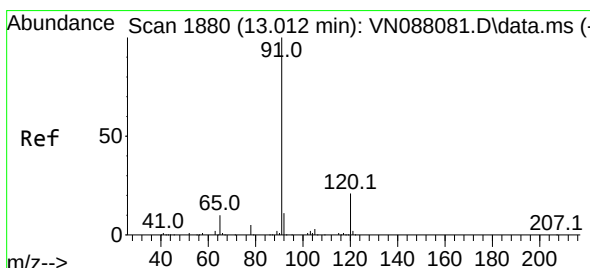
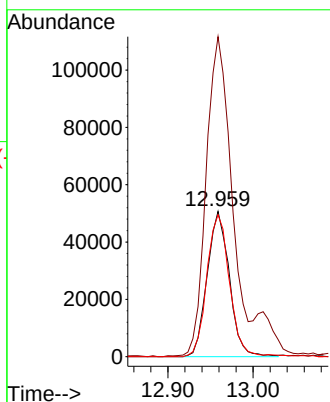
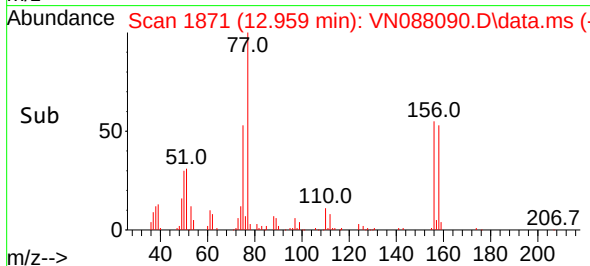
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



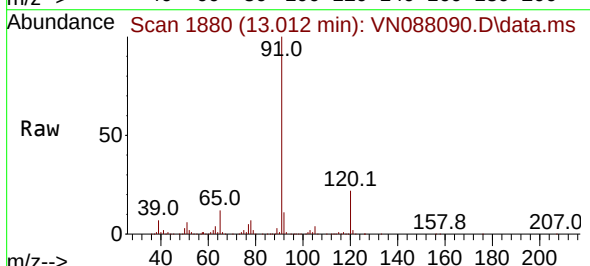
Tgt Ion:156 Resp: 9186
Ion Ratio Lower Upper
156 100
77 252.7 119.3 358.0
158 100.7 48.2 144.6

Manual Integrations
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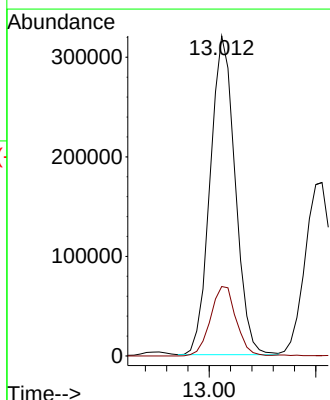
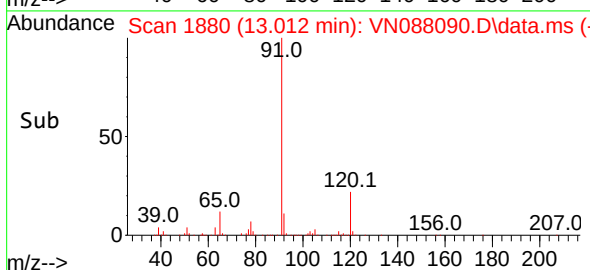
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

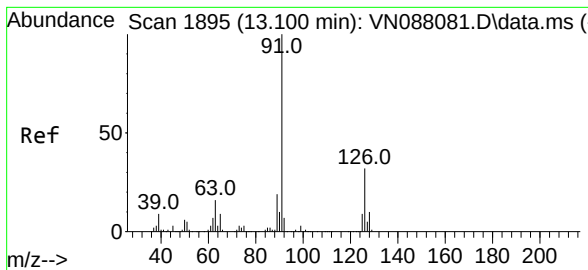


#78
n-propylbenzene
Concen: 19.335 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



Tgt Ion: 91 Resp: 520777
Ion Ratio Lower Upper
91 100
120 22.4 10.7 32.1





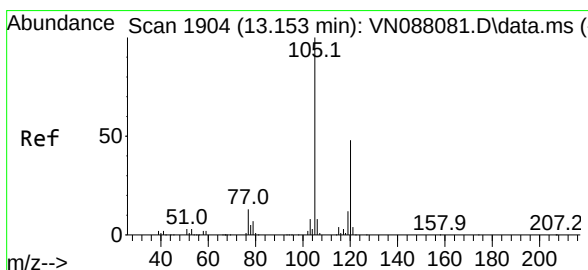
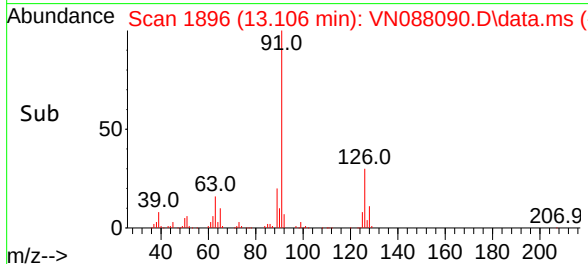
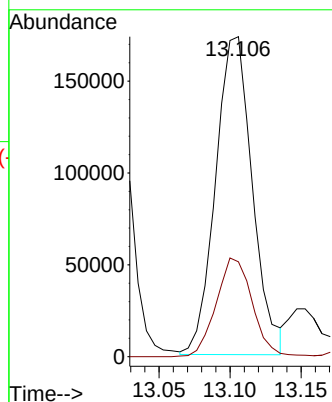
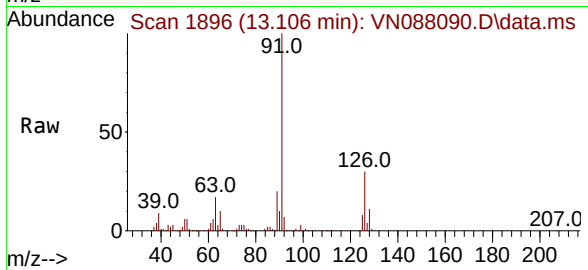
#79
2-Chlorotoluene
Concen: 20.314 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

Tgt Ion: 91 Resp: 31202
Ion Ratio Lower Upper
91 100
126 30.5 16.1 48.3

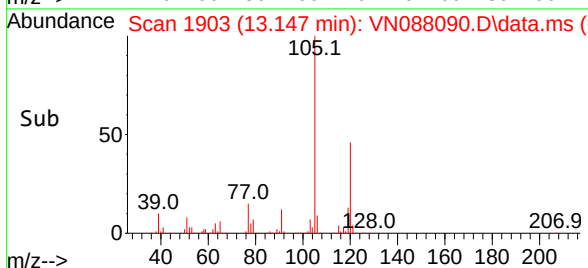
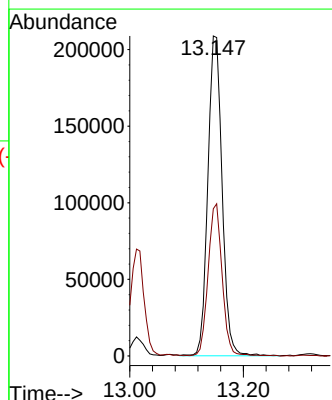
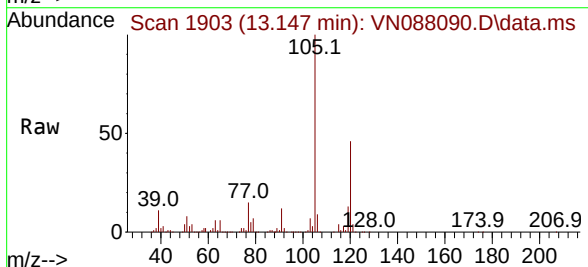
Manual Integrations
APPROVED

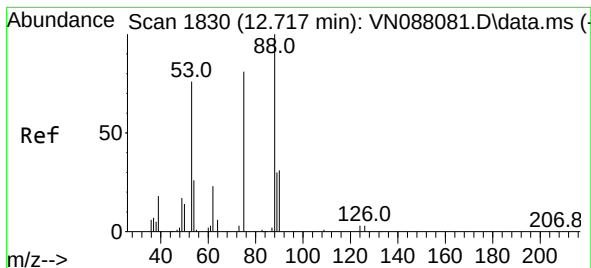
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.730 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

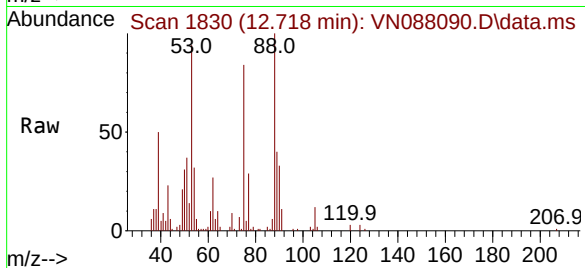
Tgt Ion:105 Resp: 361643
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.468 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

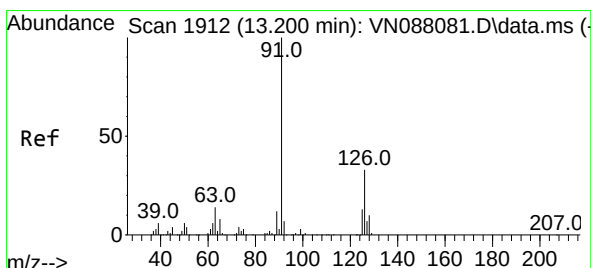
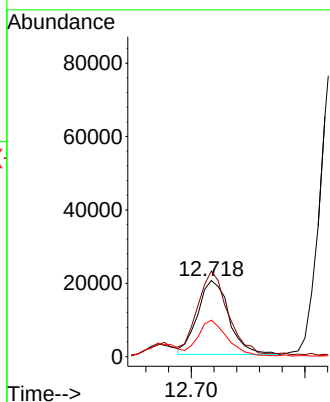
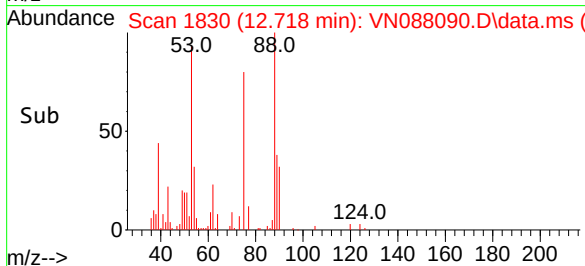
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion: 75 Resp: 38624
Ion Ratio Lower Upper
75 100
53 115.8 101.8 152.6
89 44.6 35.6 53.4

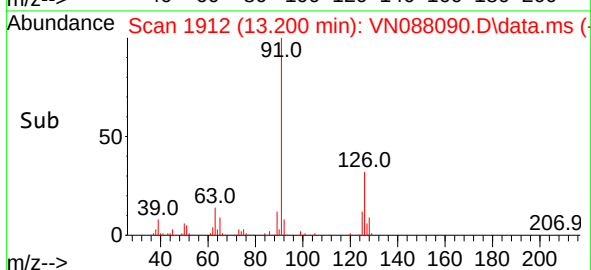
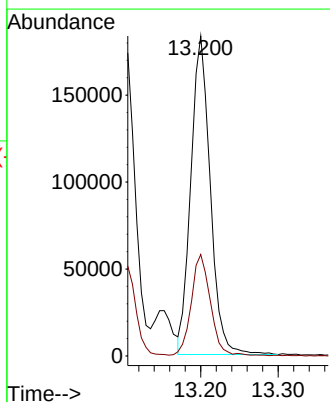
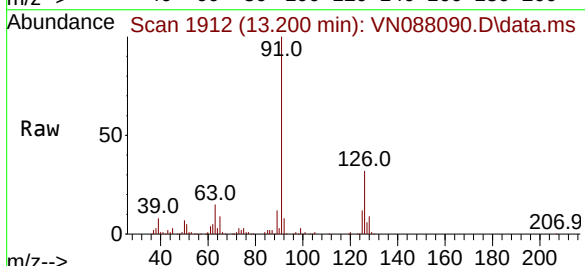
Manual Integrations
APPROVED

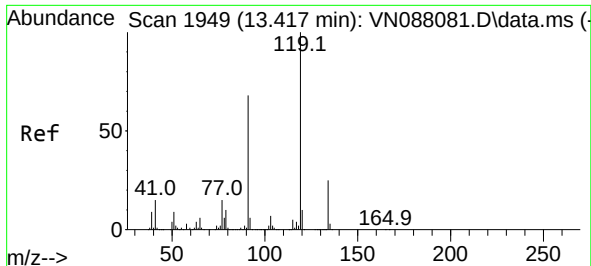
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#82
4-Chlorotoluene
Concen: 19.163 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Tgt Ion: 91 Resp: 318454
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.8





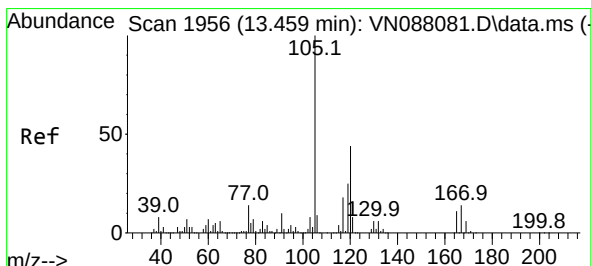
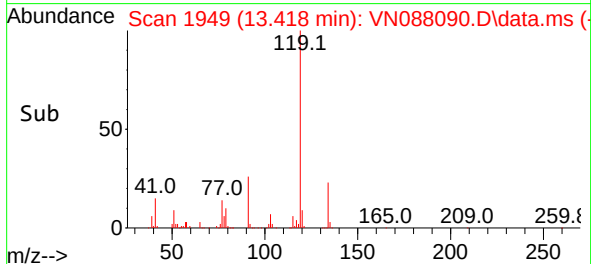
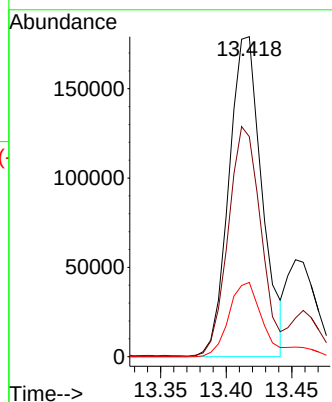
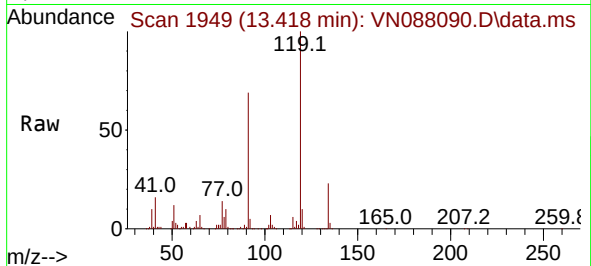
#83
tert-Butylbenzene
Concen: 19.216 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01

Tgt Ion:119 Resp: 31464
Ion Ratio Lower Upper
119 100
91 70.7 35.0 105.0
134 25.4 12.6 37.8

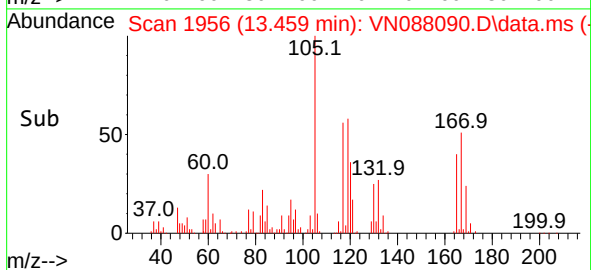
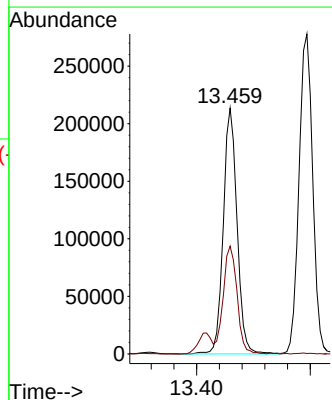
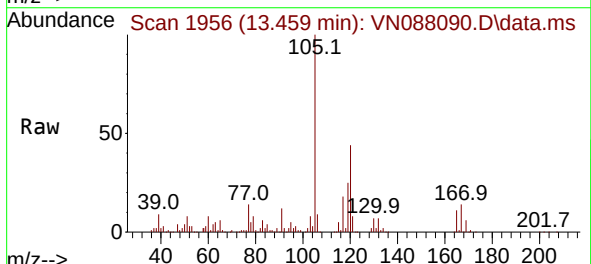
Manual Integrations
APPROVED

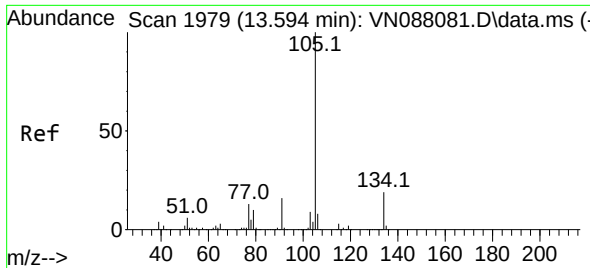
Reviewed By :John Carbone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.678 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Tgt Ion:105 Resp: 360878
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





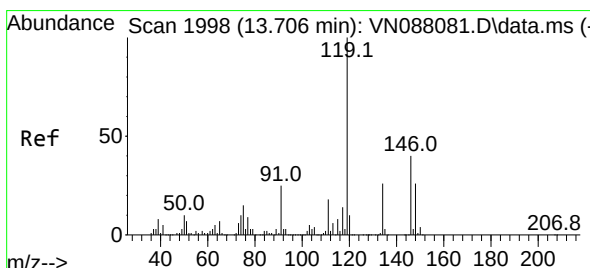
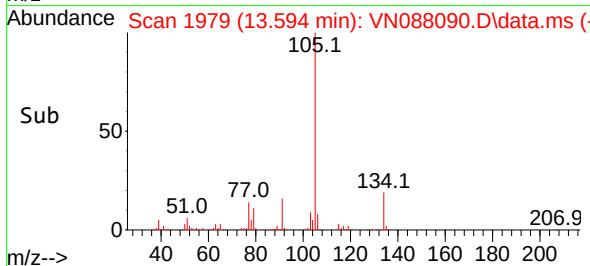
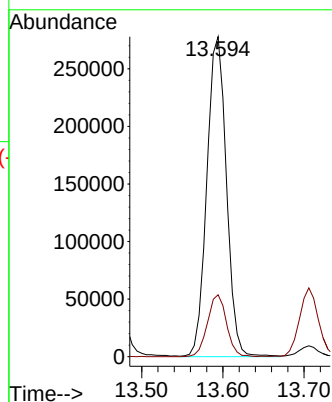
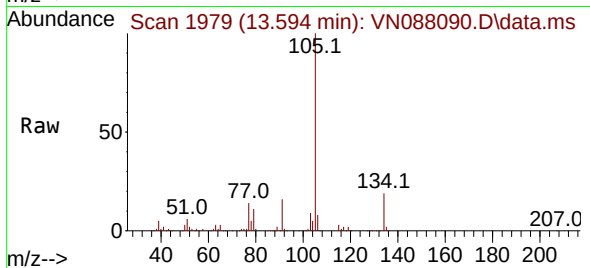
#85
 sec-Butylbenzene
 Concen: 19.337 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088090.D
 Acq: 24 Oct 2025 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBS01

Tgt Ion:105 Resp: 465180
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

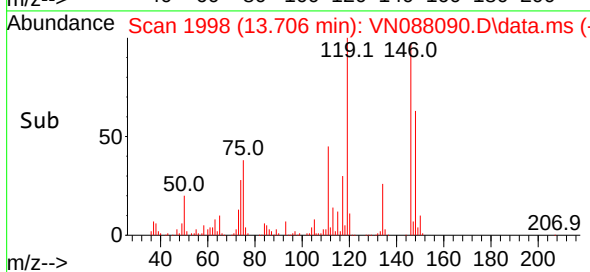
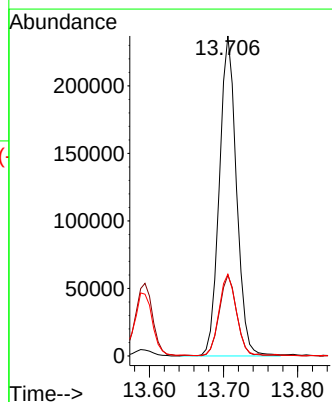
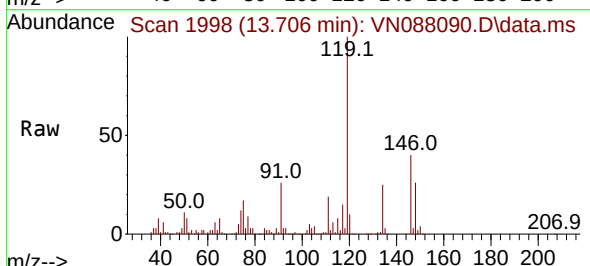
Manual Integrations
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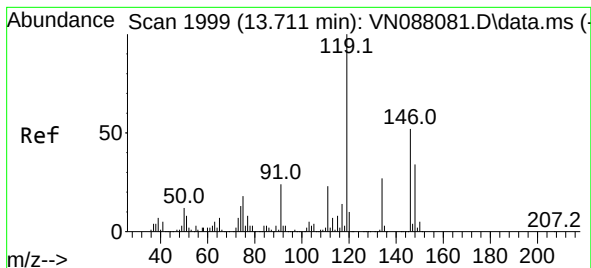
Reviewed By :John Carlone 10/27/2025
 Supervised By :Semsettin Yesilyurt 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 19.765 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088090.D
 Acq: 24 Oct 2025 13:43

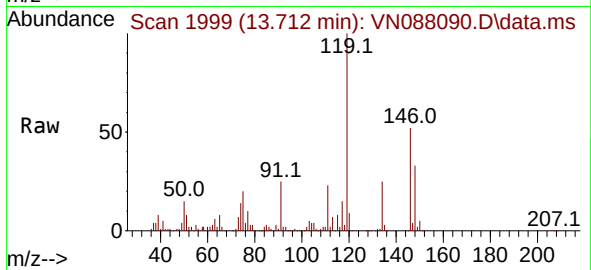
Tgt Ion:119 Resp: 381439
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.0
 91 25.5 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 19.335 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

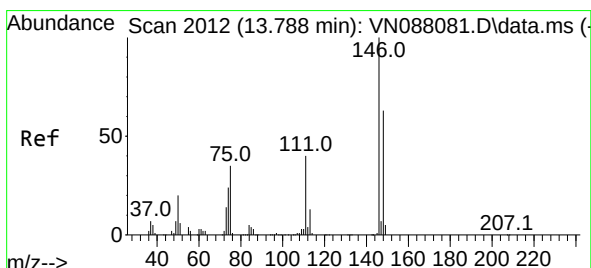
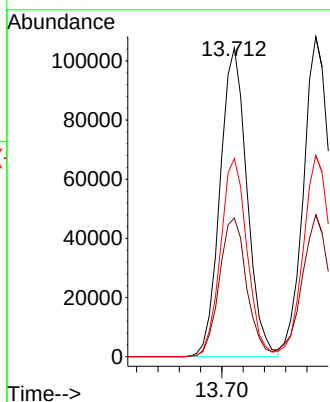
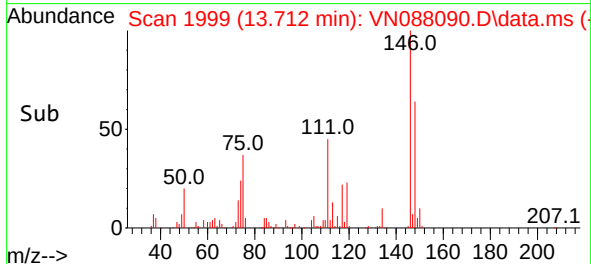
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



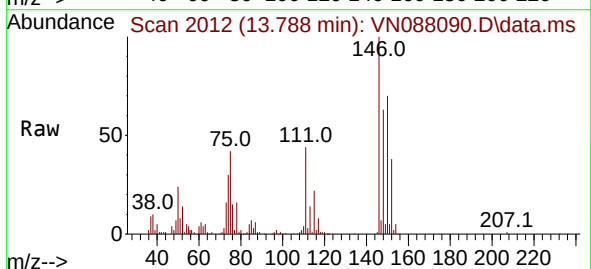
Tgt Ion:146 Resp: 183699
Ion Ratio Lower Upper
146 100
111 45.5 22.1 66.5
148 62.9 32.0 96.2

Manual Integrations
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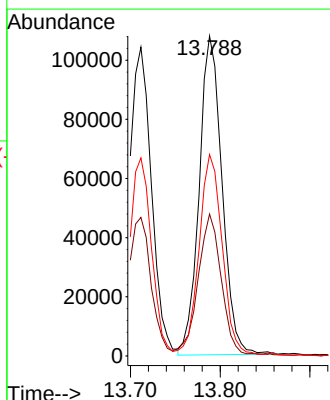
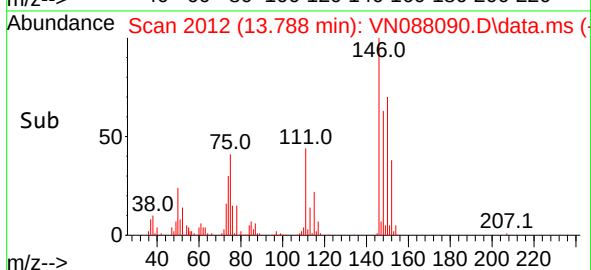
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

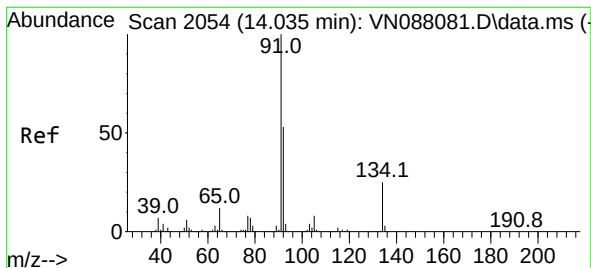


#88
1,4-Dichlorobenzene
Concen: 18.707 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



Tgt Ion:146 Resp: 190892
Ion Ratio Lower Upper
146 100
111 45.7 21.0 63.0
148 63.5 32.0 96.0





#89

n-Butylbenzene

Concen: 19.475 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VN088090.D

Acq: 24 Oct 2025 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

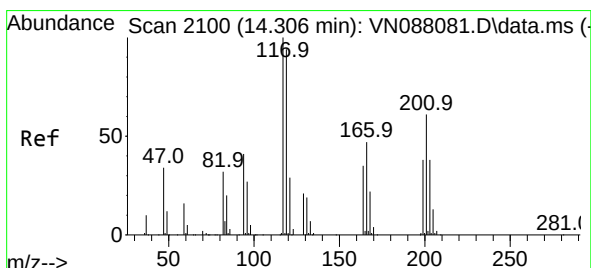
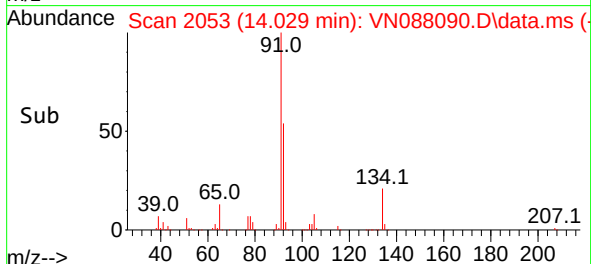
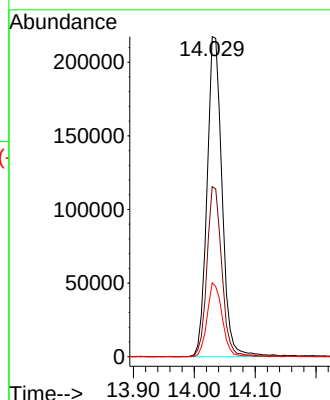
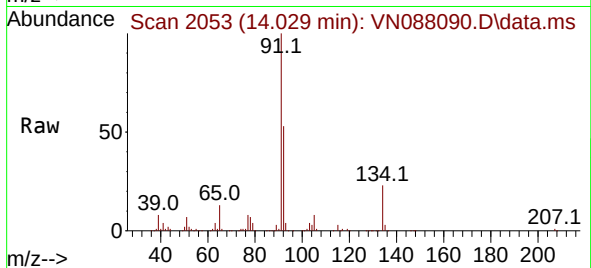
Tgt Ion: 91 Resp: 372285
Ion Ratio Lower Upper
91 100
92 52.4 25.9 77.8
134 23.1 11.7 35.0

Manual Integrations

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Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#90

Hexachloroethane

Concen: 18.855 ug/l

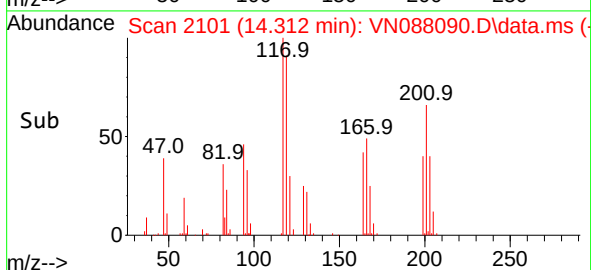
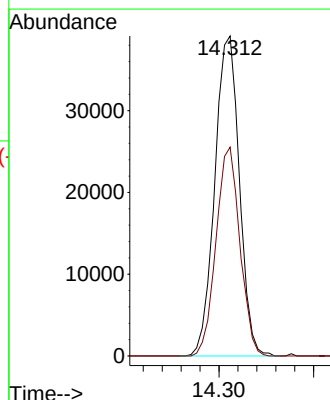
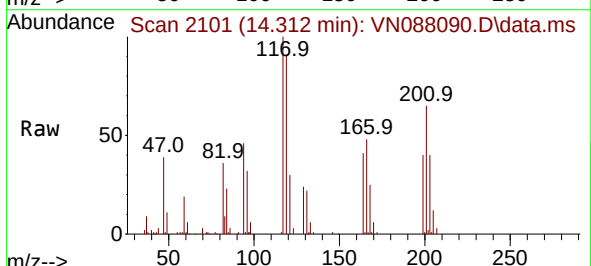
RT: 14.312 min Scan# 2101

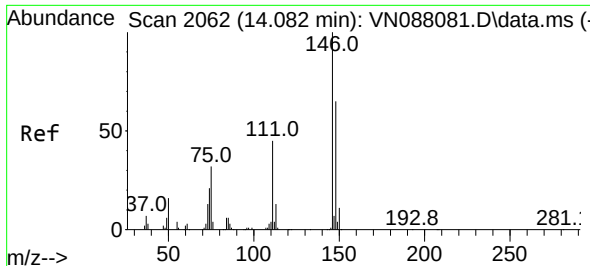
Delta R.T. 0.000 min

Lab File: VN088090.D

Acq: 24 Oct 2025 13:43

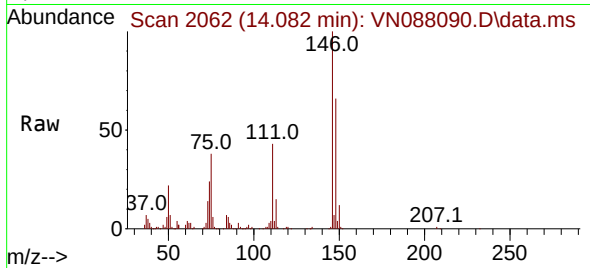
Tgt Ion:117 Resp: 70465
Ion Ratio Lower Upper
117 100
201 63.4 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 18.999 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

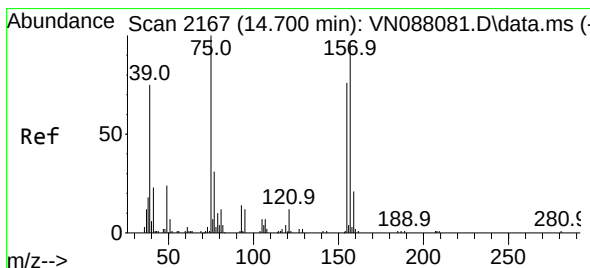
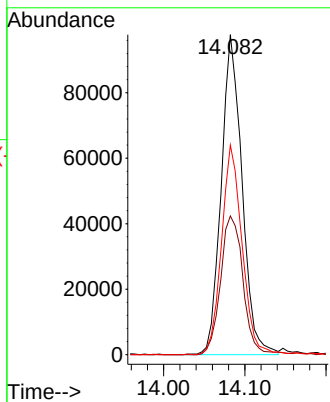
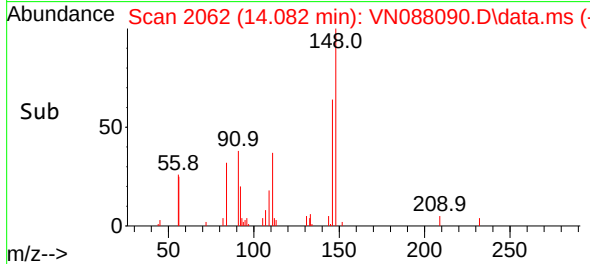
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



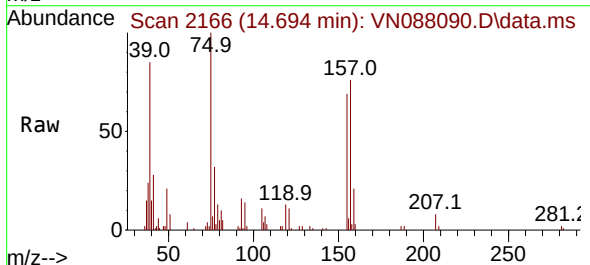
Tgt Ion:146 Resp: 174002
Ion Ratio Lower Upper
146 100
111 46.8 22.6 67.8
148 64.8 31.9 95.9

Manual Integrations
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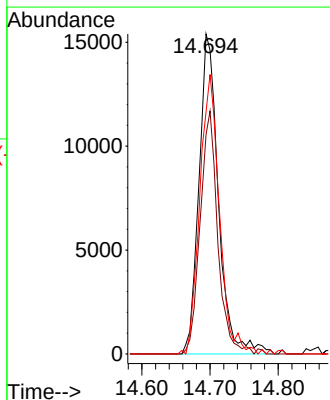
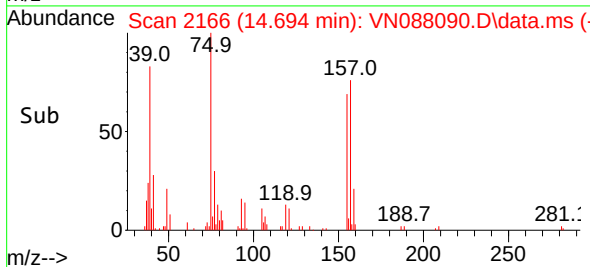
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

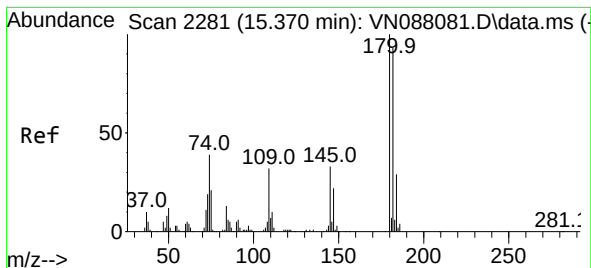


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.108 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43



Tgt Ion: 75 Resp: 30560
Ion Ratio Lower Upper
75 100
155 68.8 36.6 109.9
157 87.8 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 18.880 ug/l

RT: 15.365 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN088090.D

Acq: 24 Oct 2025 13:43

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBS01

Tgt Ion:180 Resp: 104719

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

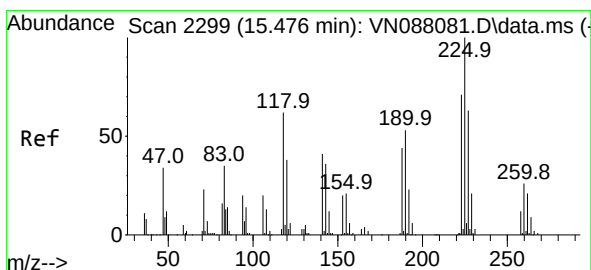
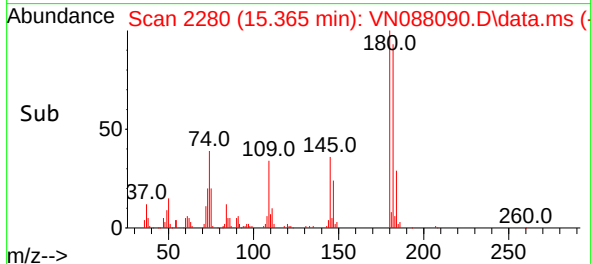
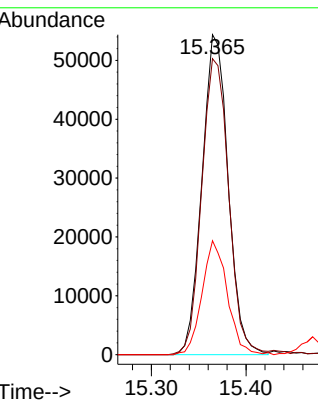
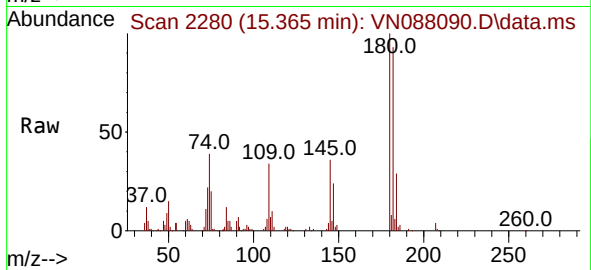
145 34.4 16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#94

Hexachlorobutadiene

Concen: 20.112 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088090.D

Acq: 24 Oct 2025 13:43

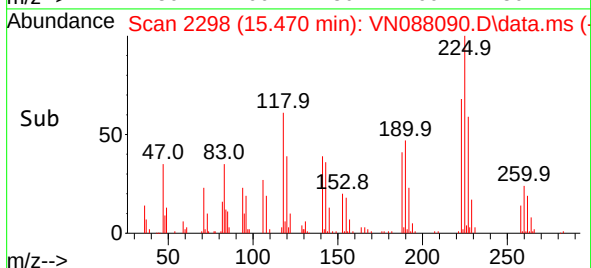
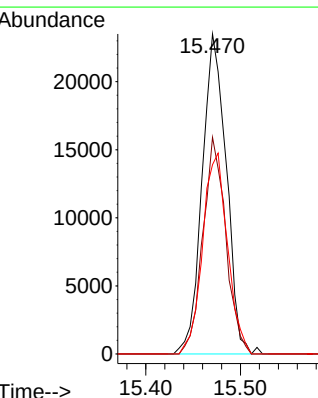
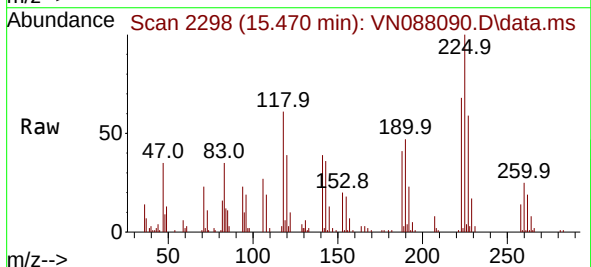
Tgt Ion:225 Resp: 41542

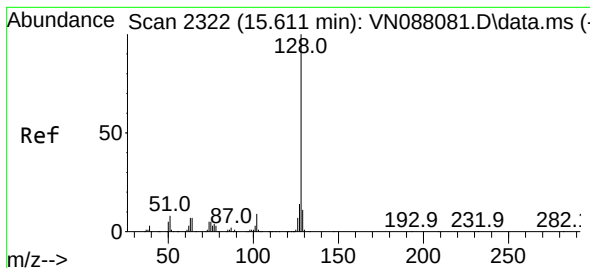
Ion Ratio Lower Upper

225 100

223 64.3 32.0 96.2

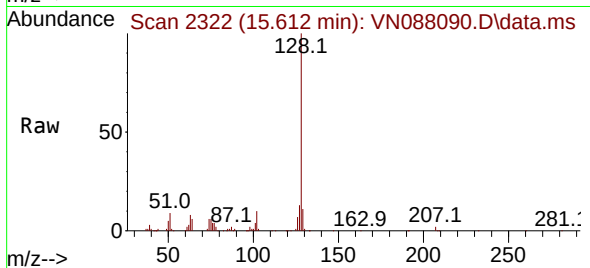
227 64.9 32.1 96.5





#95
Naphthalene
Concen: 18.368 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

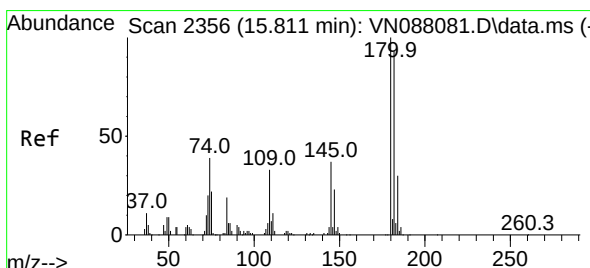
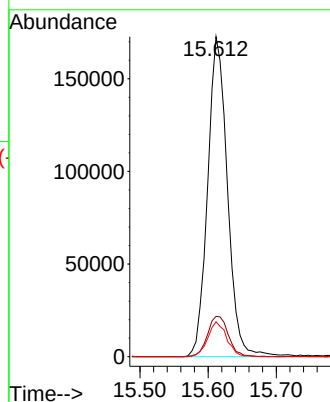
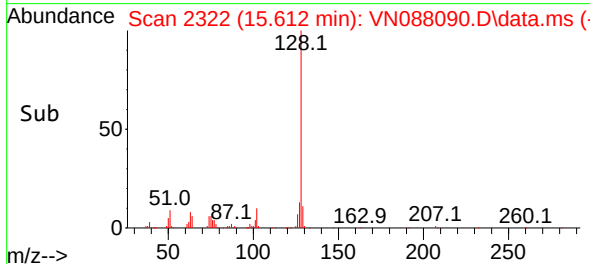
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBS01



Tgt Ion:128 Resp: 34901
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.864 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088090.D
Acq: 24 Oct 2025 13:43

Tgt Ion:180 Resp: 100322
Ion Ratio Lower Upper
180 100
182 95.5 46.8 140.3
145 34.7 17.3 52.0

