

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088079.D
 Acq On : 23 Oct 2025 10:38
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 24 02:51:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 02:50:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	296128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	570271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	502295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	241248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	27065	5.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.580%#		
35) Dibromofluoromethane	8.147	113	19551	5.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.200%#		
50) Toluene-d8	10.547	98	73162	4.956	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.920%#		
62) 4-Bromofluorobenzene	12.835	95	24787	4.755	ug/l	0.01
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	19109	5.721	ug/l	91
3) Chloromethane	2.383	50	20946	5.330	ug/l	100
4) Vinyl Chloride	2.536	62	23220	5.423	ug/l	96
5) Bromomethane	2.971	94	15617	6.098	ug/l #	80
6) Chloroethane	3.142	64	17800	5.770	ug/l #	84
7) Trichlorofluoromethane	3.506	101	39012	5.713	ug/l	98
8) Diethyl Ether	3.959	74	14837	5.846	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	18719	5.312	ug/l	94
10) Methyl Iodide	4.589	142	12726	7.564	ug/l	91
11) Tert butyl alcohol	5.524	59	24255	27.494	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	20326	5.461	ug/l	88
13) Acrolein	4.171	56	29003	29.228	ug/l	93
14) Allyl chloride	5.012	41	34031	5.232	ug/l	99
15) Acrylonitrile	5.706	53	62612	26.056	ug/l	98
16) Acetone	4.430	43	65332	25.396	ug/l	99
17) Carbon Disulfide	4.706	76	60437	5.342	ug/l	97
18) Methyl Acetate	5.024	43	26935	5.114	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	73958	5.411	ug/l	97
20) Methylene Chloride	5.265	84	22926	6.410	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	21204	5.152	ug/l	86
22) Diisopropyl ether	6.665	45	72852	5.310	ug/l	100
23) Vinyl Acetate	6.588	43	331195	26.799	ug/l	100
24) 1,1-Dichloroethane	6.547	63	42391	5.578	ug/l	96
25) 2-Butanone	7.477	43	91150	27.166	ug/l	95
26) 2,2-Dichloropropane	7.477	77	36306	5.257	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	26415	5.616	ug/l	96
28) Bromochloromethane	7.794	49	19805	5.515	ug/l	96
29) Tetrahydrofuran	7.824	42	56989	25.793	ug/l	99
30) Chloroform	7.947	83	42443	5.590	ug/l	97
31) Cyclohexane	8.241	56	44056	6.146	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	36411	5.384	ug/l #	85
36) 1,1-Dichloropropene	8.353	75	29318	5.241	ug/l	96
37) Ethyl Acetate	7.547	43	37387	5.201	ug/l #	94
38) Carbon Tetrachloride	8.347	117	29915	5.178	ug/l	93
39) Methylcyclohexane	9.582	83	37009	5.147	ug/l	96
40) Benzene	8.588	78	89925	5.279	ug/l	98

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:51:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 02:50:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	19516	5.137	ug/l	93
42) 1,2-Dichloroethane	8.653	62	32612	5.388	ug/l	99
43) Isopropyl Acetate	8.671	43	57498	5.184	ug/l	97
44) Trichloroethene	9.335	130	21346	5.361	ug/l	86
45) 1,2-Dichloropropane	9.594	63	23273	5.411	ug/l	95
46) Dibromomethane	9.682	93	17012	5.546	ug/l	95
47) Bromodichloromethane	9.865	83	32518	5.295	ug/l	91
48) Methyl methacrylate	9.665	41	24475	4.645	ug/l	92
49) 1,4-Dioxane	9.688	88	6763	106.179	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	170979	26.055	ug/l	98
52) Toluene	10.606	92	54632	5.201	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	32833	5.023	ug/l	96
54) cis-1,3-Dichloropropene	10.288	75	35495	5.118	ug/l	94
55) 1,1,2-Trichloroethane	10.994	97	19869	4.986	ug/l	92
56) Ethyl methacrylate	10.859	69	29566	4.695	ug/l	97
57) 1,3-Dichloropropane	11.141	76	36892	5.267	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.141	63	78095	23.808	ug/l	99
59) 2-Hexanone	11.182	43	94577	21.954	ug/l	97
60) Dibromochloromethane	11.335	129	22347	4.934	ug/l	99
61) 1,2-Dibromoethane	11.447	107	20284	4.946	ug/l	96
64) Tetrachloroethene	11.082	164	17289	5.218	ug/l	88
65) Chlorobenzene	11.870	112	60700	5.322	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.941	131	19321	5.171	ug/l	95
67) Ethyl Benzene	11.941	91	103756	5.183	ug/l	98
68) m/p-Xylenes	12.047	106	77736	10.363	ug/l	92
69) o-Xylene	12.382	106	37251	5.239	ug/l	98
70) Styrene	12.394	104	60467	5.215	ug/l	98
71) Bromoform	12.559	173	13744	4.929	ug/l #	92
73) Isopropylbenzene	12.676	105	93056	5.001	ug/l	100
74) N-amyl acetate	12.865	43	22461m	4.171	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	30348	5.239	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	32601m	6.313	ug/l	
77) Bromobenzene	12.959	156	20721	5.164	ug/l	82
78) n-propylbenzene	13.012	91	117114	5.158	ug/l	98
79) 2-Chlorotoluene	13.106	91	68350	5.278	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	78511	5.081	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.723	75	10183m	5.137	ug/l	
82) 4-Chlorotoluene	13.200	91	72836	5.199	ug/l	100
83) tert-Butylbenzene	13.417	119	69371	5.025	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	80008	5.175	ug/l	100
85) sec-Butylbenzene	13.594	105	103097	5.083	ug/l	98
86) p-Isopropyltoluene	13.706	119	85421	5.250	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	40364	5.039	ug/l	96
88) 1,4-Dichlorobenzene	13.788	146	47112	5.462	ug/l	95
89) n-Butylbenzene	14.035	91	82932	5.146	ug/l	99
90) Hexachloroethane	14.312	117	16391	5.202	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	39857	5.162	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	6964	5.165	ug/l	92
93) 1,2,4-Trichlorobenzene	15.370	180	23547	5.036	ug/l	99
94) Hexachlorobutadiene	15.476	225	9028	5.185	ug/l	97
95) Naphthalene	15.617	128	75031	4.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	21577	4.812	ug/l	94

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Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

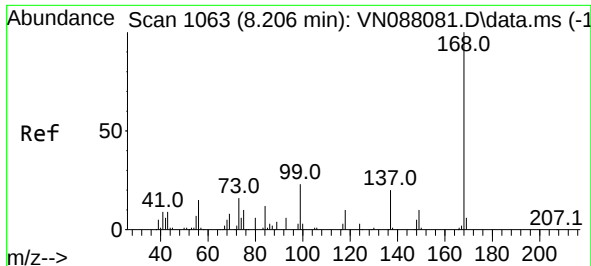
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:51:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:50:29 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



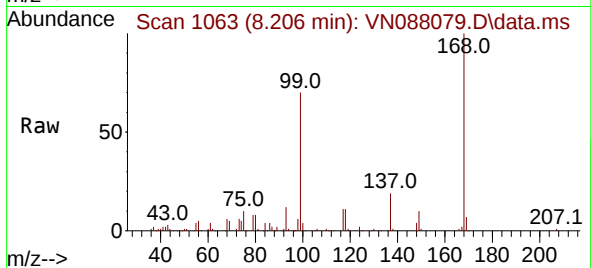
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

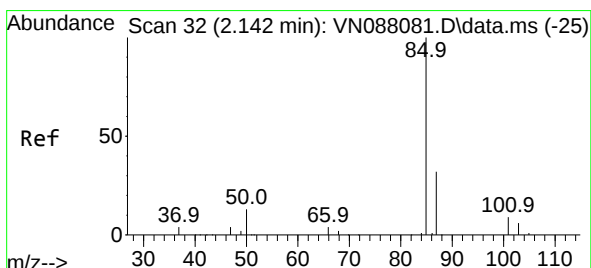
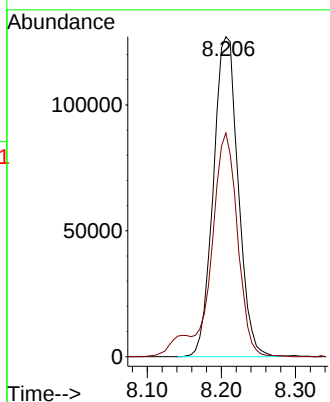
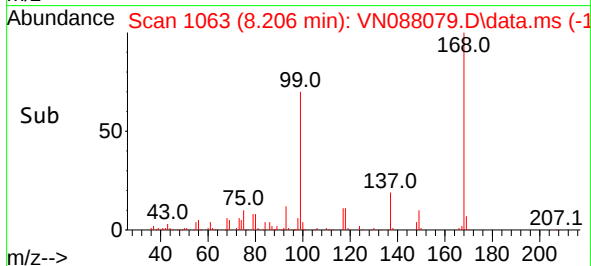


Tgt Ion:168 Resp: 296128
Ion Ratio Lower Upper
168 100
99 69.6 57.2 85.8

Manual Integrations

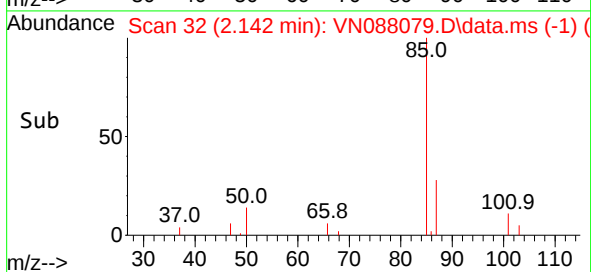
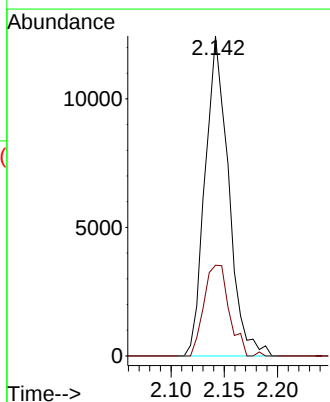
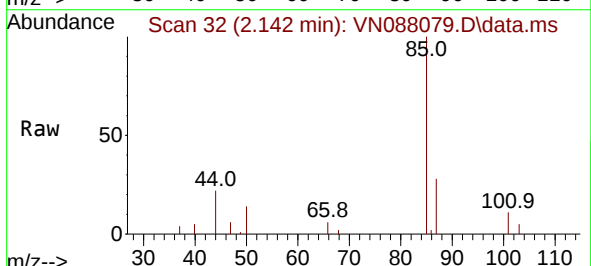
APPROVED

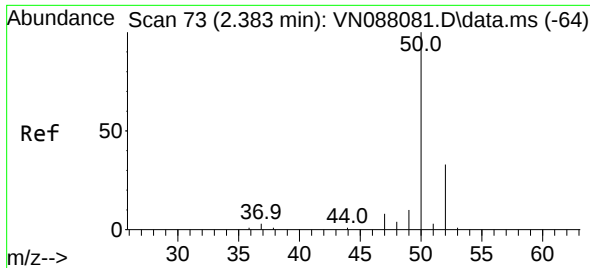
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 5.721 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

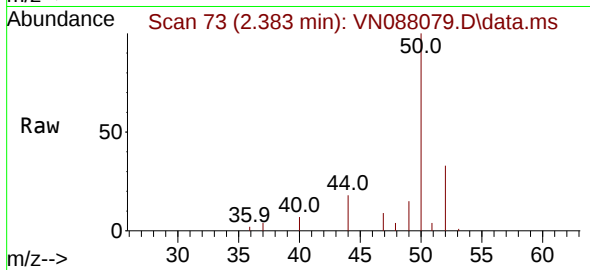
Tgt Ion: 85 Resp: 19109
Ion Ratio Lower Upper
85 100
87 28.3 16.6 49.8





#3
Chloromethane
Concen: 5.330 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

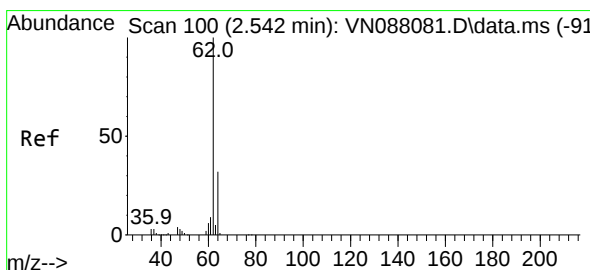
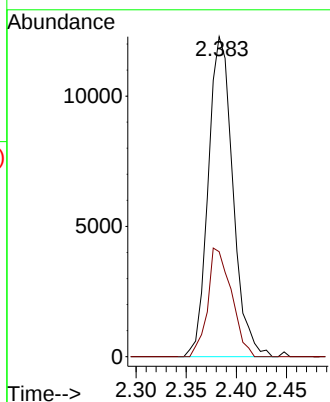
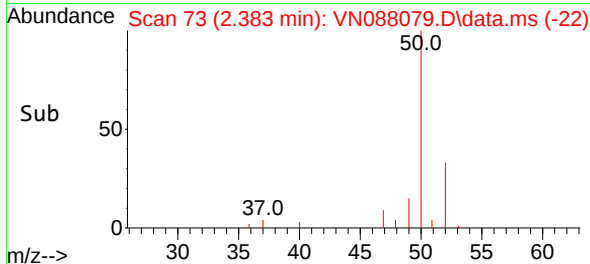
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



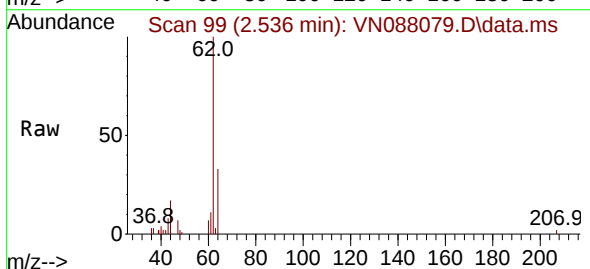
Tgt Ion: 50 Resp: 20940
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.4

Manual Integrations
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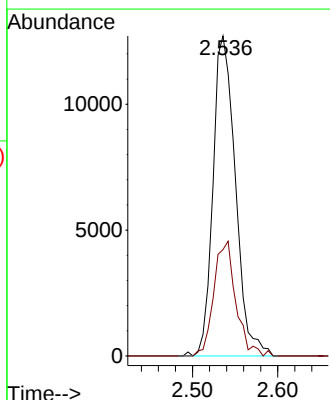
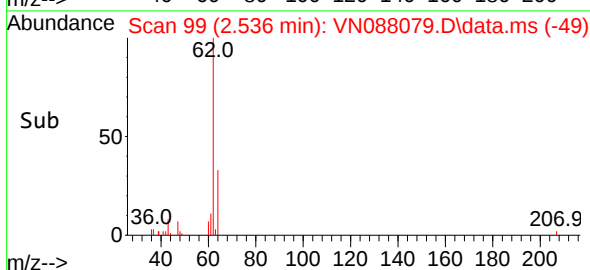
Reviewed By :John Carlone 10/24/2025
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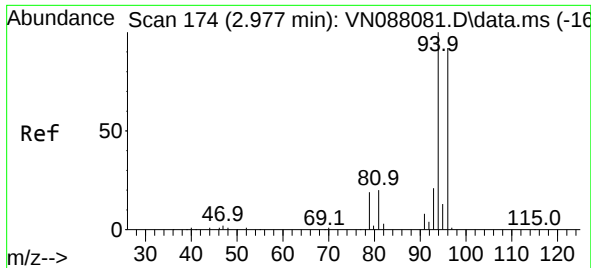


#4
Vinyl Chloride
Concen: 5.423 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



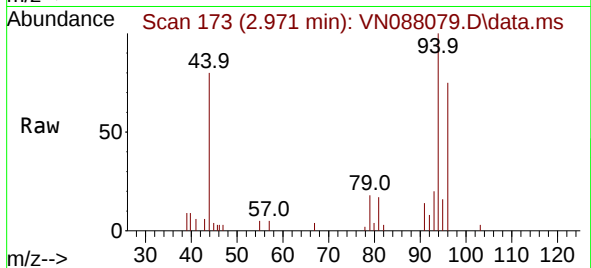
Tgt Ion: 62 Resp: 23220
Ion Ratio Lower Upper
62 100
64 33.2 24.6 37.0





#5
Bromomethane
Concen: 6.098 ug/l
RT: 2.971 min Scan# 173
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

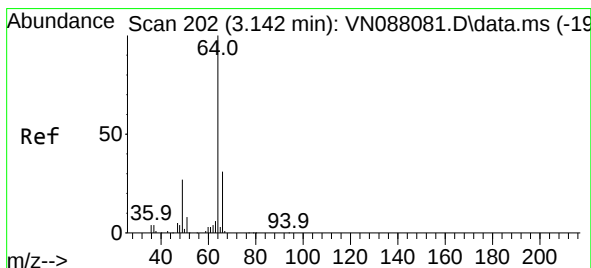
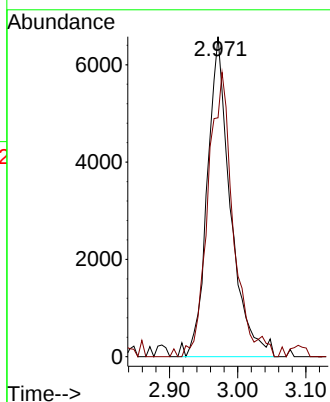
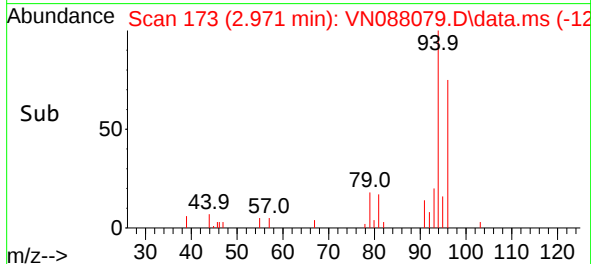
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



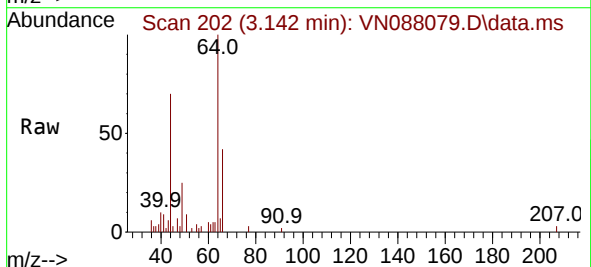
Tgt Ion: 94 Resp: 1561
Ion Ratio Lower Upper
94 100
96 74.7 75.4 113.2

Manual Integrations
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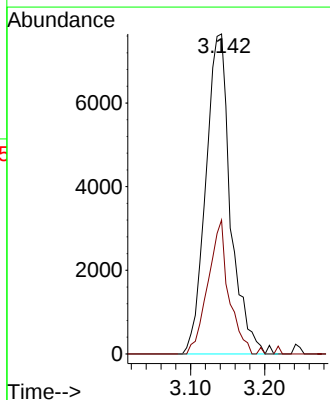
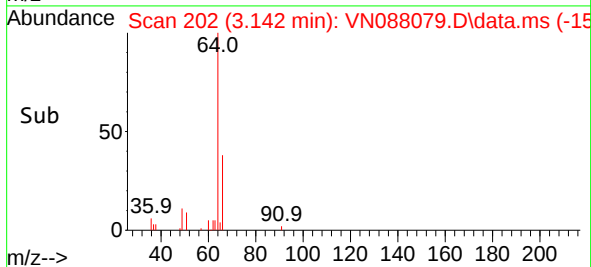
Reviewed By :John Carlone 10/24/2025
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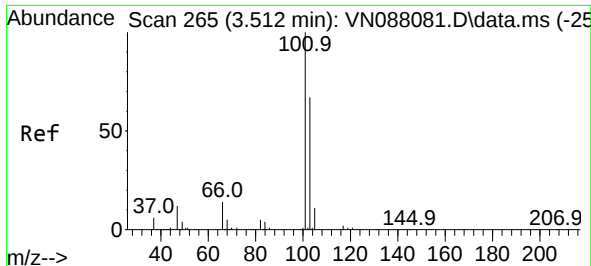


#6
Chloroethane
Concen: 5.770 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



Tgt Ion: 64 Resp: 17800
Ion Ratio Lower Upper
64 100
66 41.8 26.2 39.2





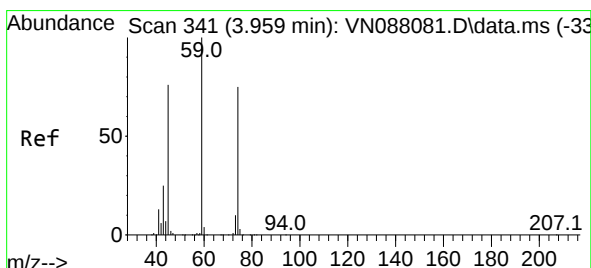
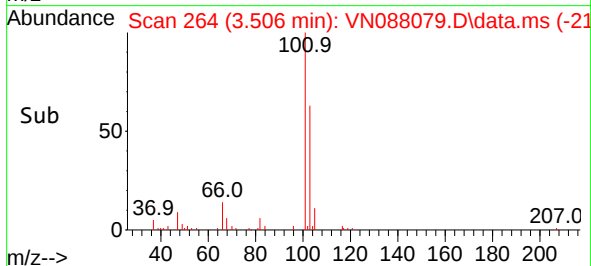
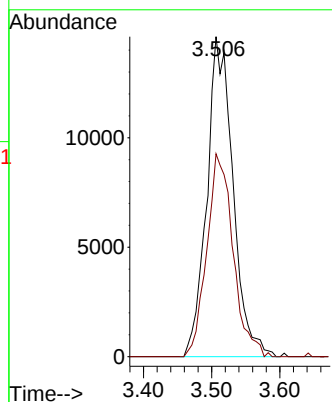
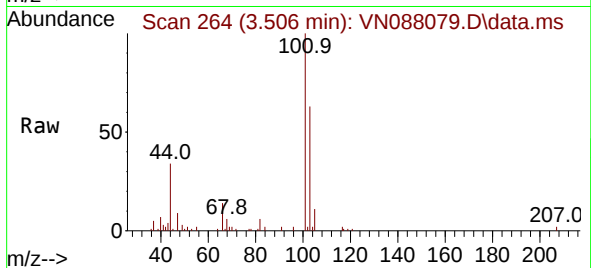
#7
Trichlorofluoromethane
Concen: 5.713 ug/l
RT: 3.506 min Scan# 265
Delta R.T. -0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 3901
Ion Ratio Lower Upper
101 100
103 63.4 49.4 74.0

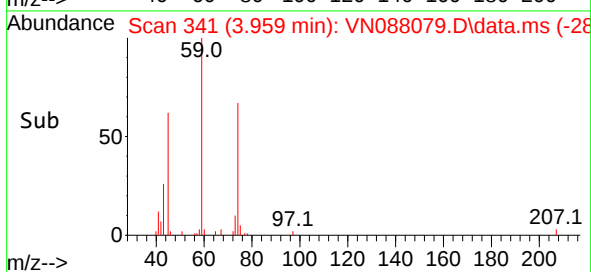
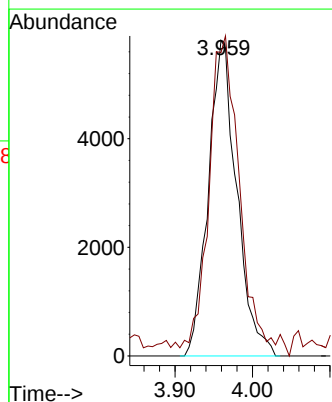
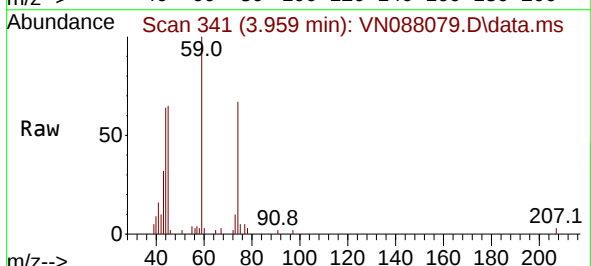
Manual Integrations
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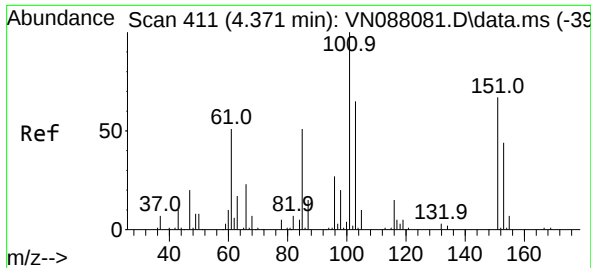
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#8
Diethyl Ether
Concen: 5.846 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 74 Resp: 14837
Ion Ratio Lower Upper
74 100
45 110.6 50.6 151.9





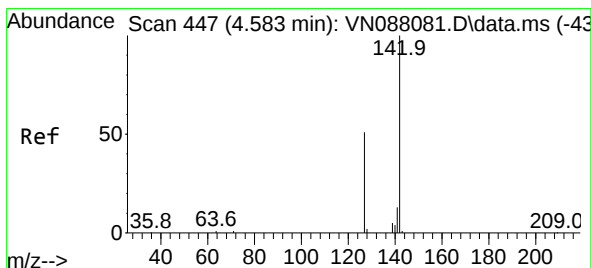
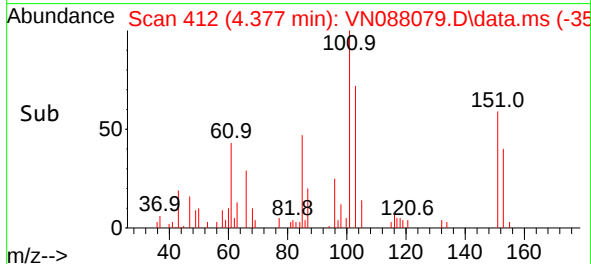
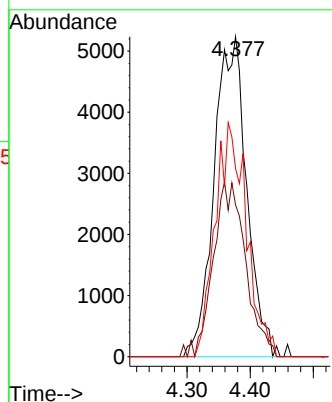
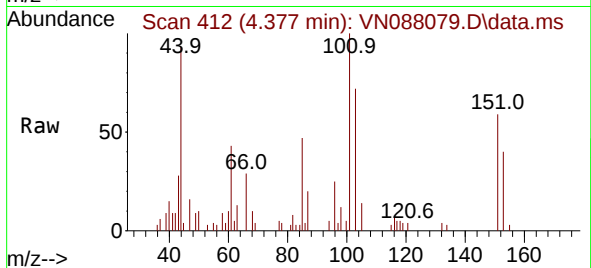
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.312 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 18719
Ion Ratio Lower Upper
101 100
85 54.2 36.6 55.0
151 70.1 54.7 82.1

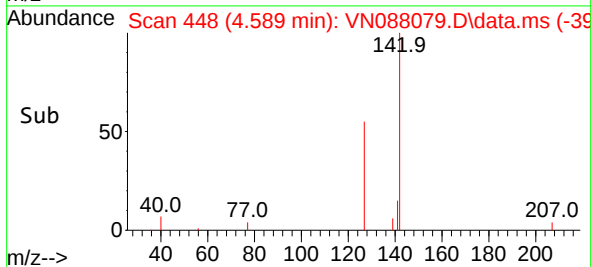
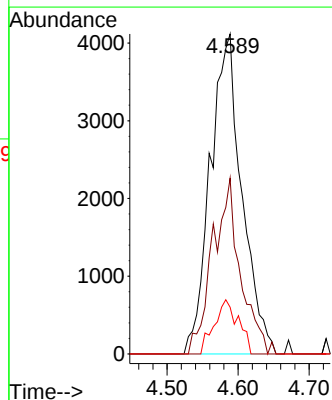
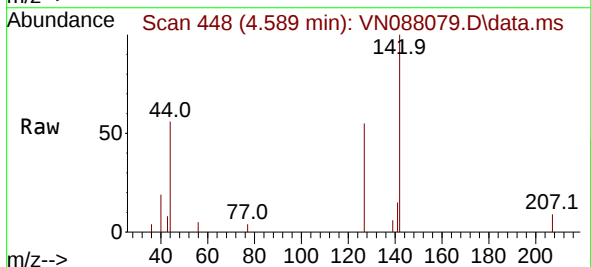
Manual Integrations
APPROVED

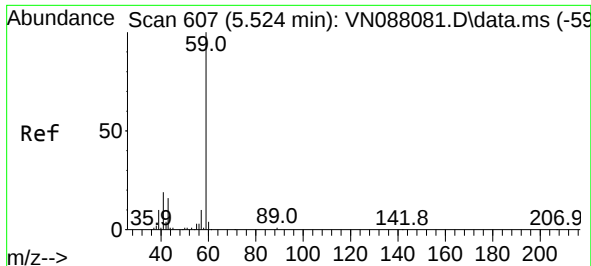
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 7.564 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

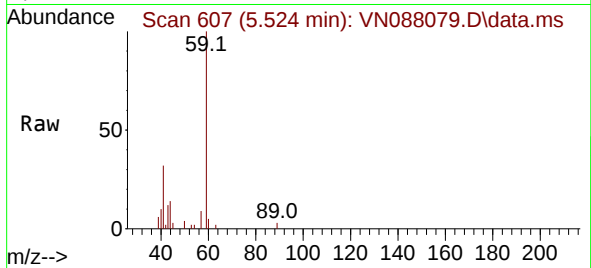
Tgt Ion:142 Resp: 12726
Ion Ratio Lower Upper
142 100
127 54.9 38.0 57.0
141 14.6 12.0 18.0





#11
Tert butyl alcohol
Concen: 27.494 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

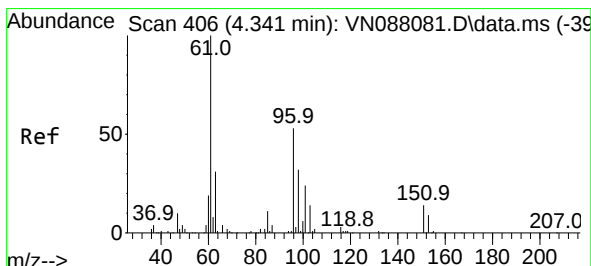
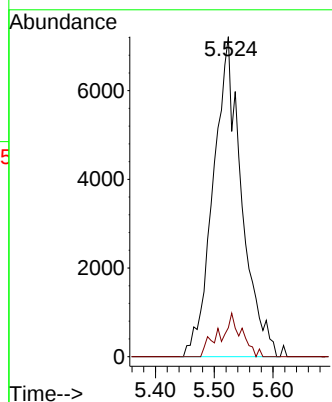
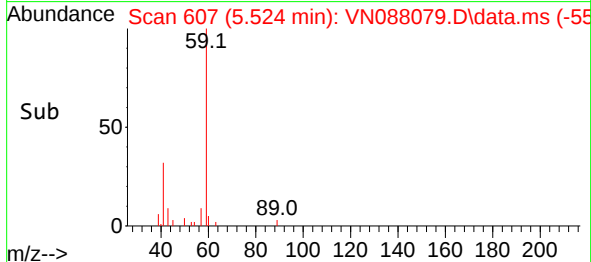
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



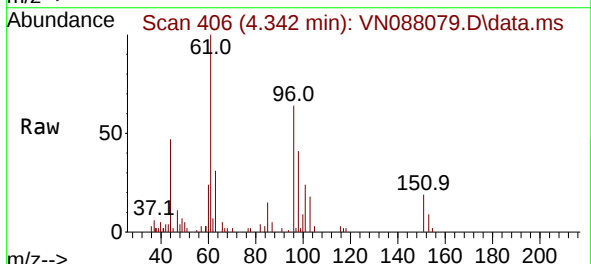
Tgt Ion: 59 Resp: 2425
Ion Ratio Lower Upper
59 100
57 7.2 9.0 13.4

Manual Integrations
APPROVED

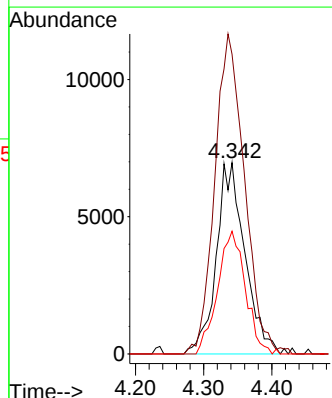
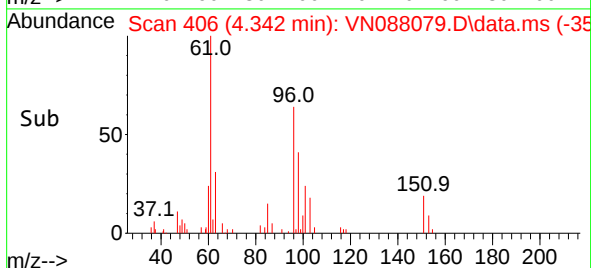
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

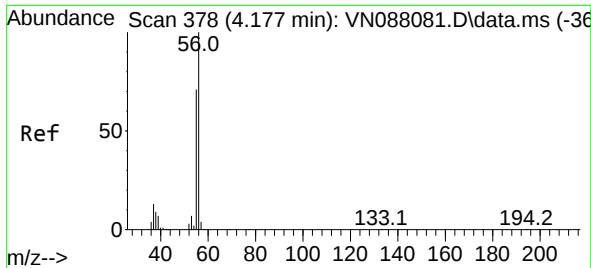


#12
1,1-Dichloroethene
Concen: 5.461 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



Tgt Ion: 96 Resp: 20326
Ion Ratio Lower Upper
96 100
61 156.7 143.8 215.8
98 64.2 52.1 78.1





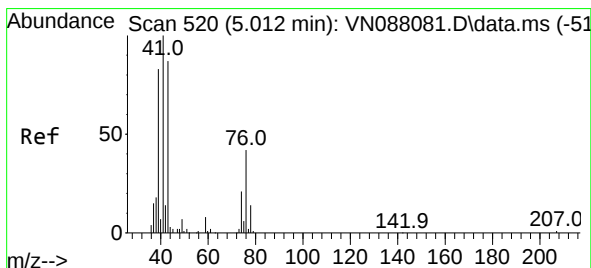
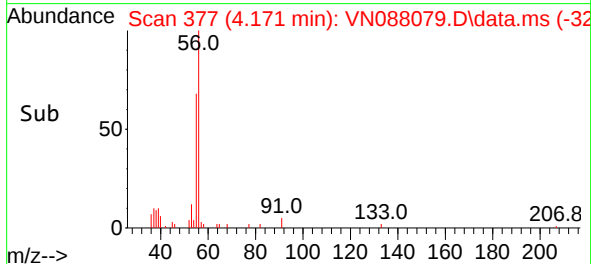
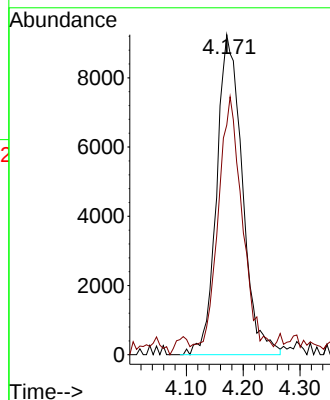
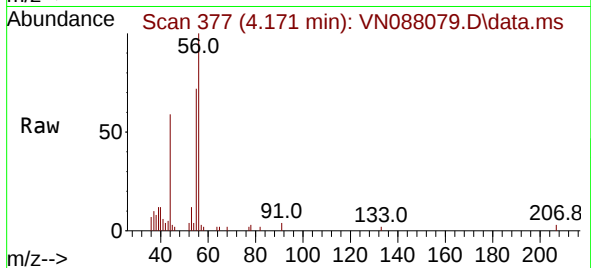
#13
Acrolein
Concen: 29.228 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 2900
Ion Ratio Lower Upper
56 100
55 77.2 57.3 85.9

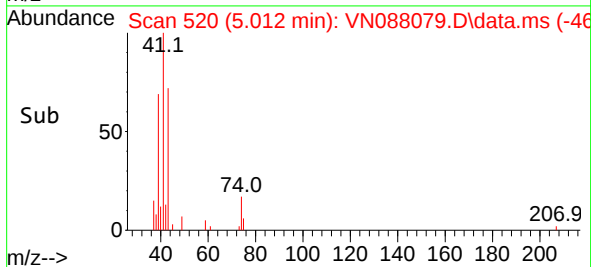
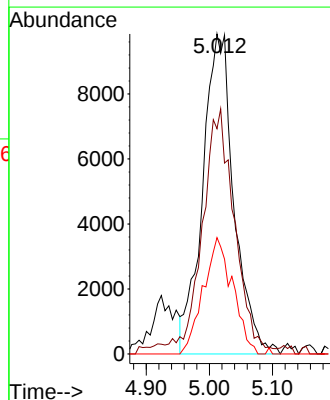
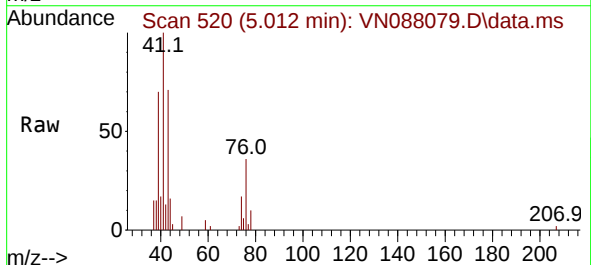
Manual Integrations
APPROVED

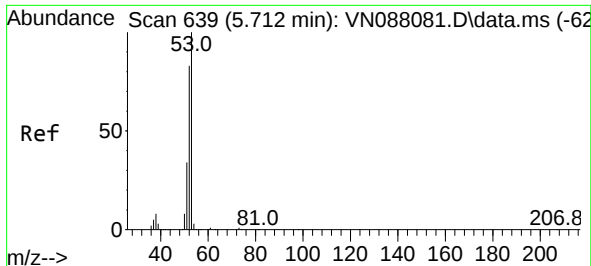
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 5.232 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

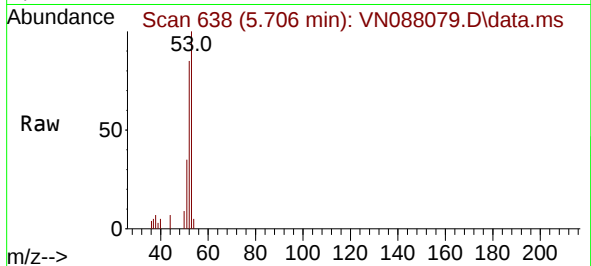
Tgt Ion: 41 Resp: 34031
Ion Ratio Lower Upper
41 100
39 80.7 63.9 95.9
76 34.0 28.1 42.1





#15
Acrylonitrile
Concen: 26.056 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

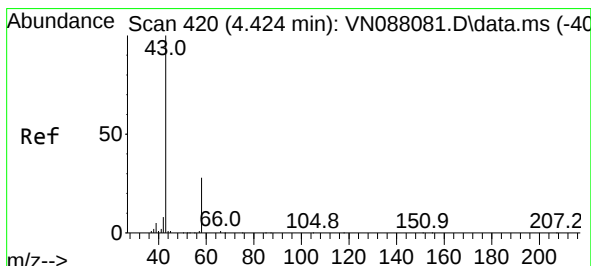
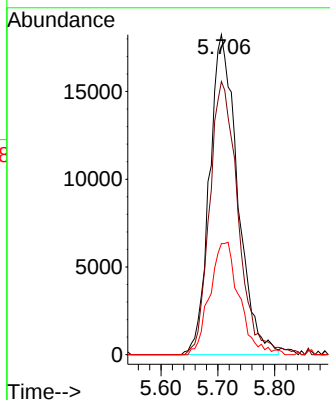
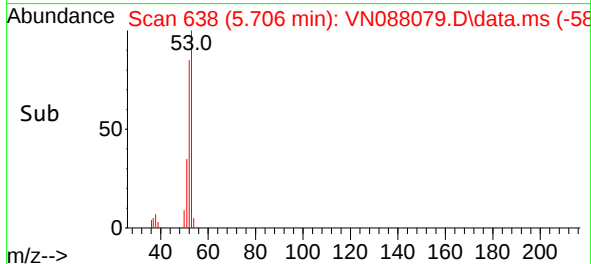
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



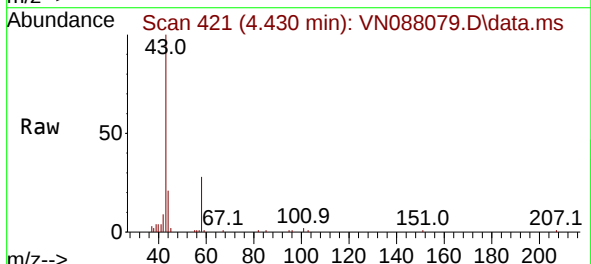
Tgt Ion: 53 Resp: 6261
Ion Ratio Lower Upper
53 100
52 86.6 67.6 101.4
51 36.9 30.1 45.1

Manual Integrations
APPROVED

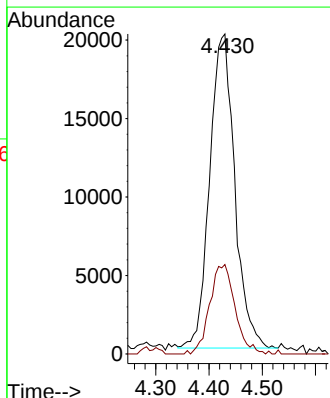
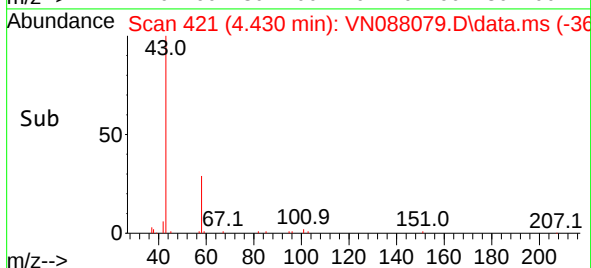
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

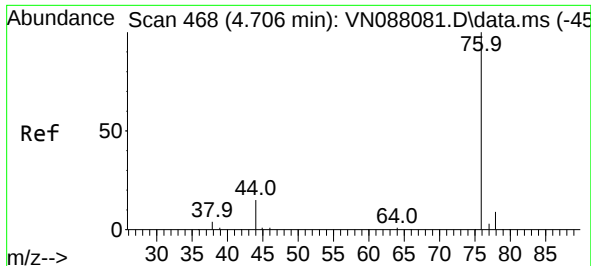


#16
Acetone
Concen: 25.396 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



Tgt Ion: 43 Resp: 65332
Ion Ratio Lower Upper
43 100
58 28.5 22.6 33.8





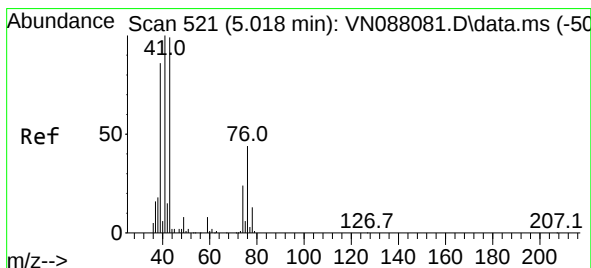
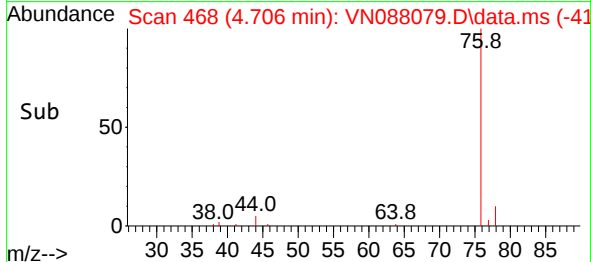
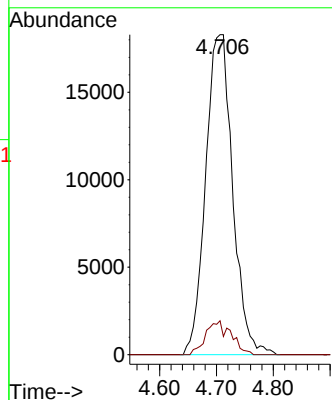
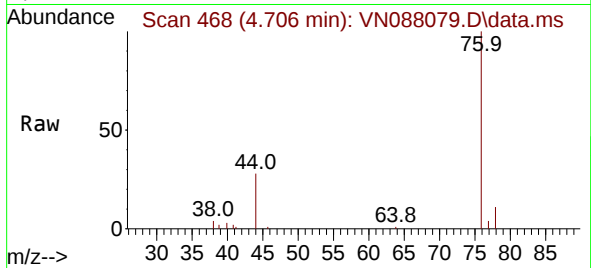
#17
Carbon Disulfide
Concen: 5.342 ug/l
RT: 4.706 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 6043
Ion Ratio Lower Upper
76 100
78 10.6 7.6 11.4

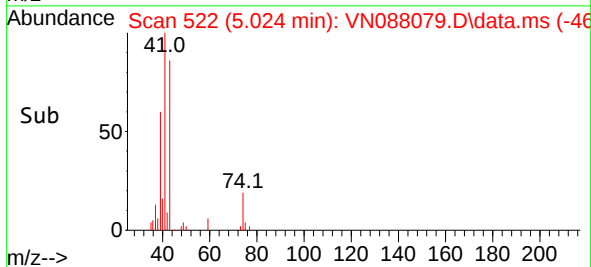
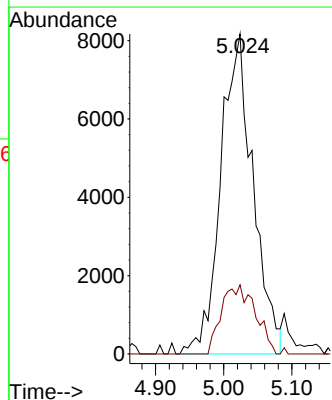
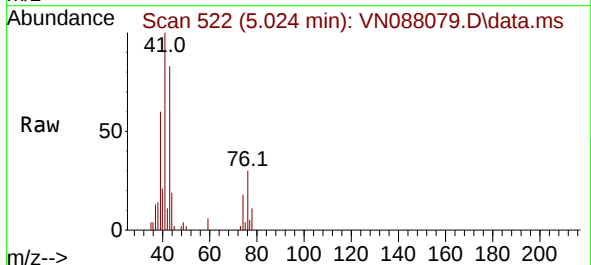
Manual Integrations
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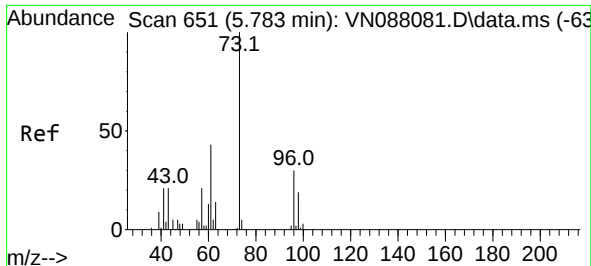
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 5.114 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 43 Resp: 26935
Ion Ratio Lower Upper
43 100
74 22.7 17.6 26.4





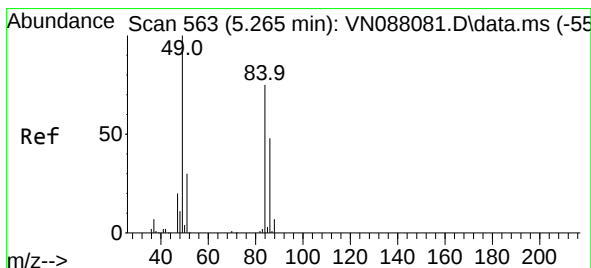
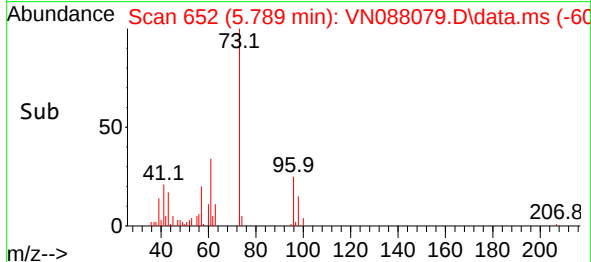
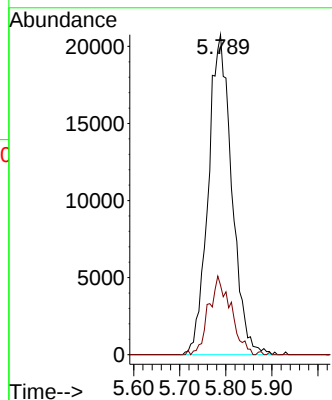
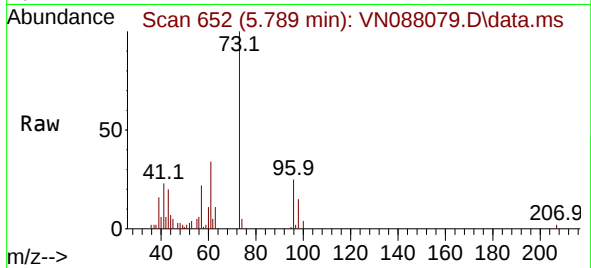
#19
Methyl tert-butyl Ether
Concen: 5.411 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 73958
Ion Ratio Lower Upper
73 100
57 21.7 18.4 27.6

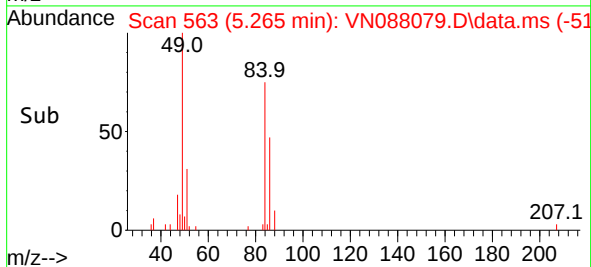
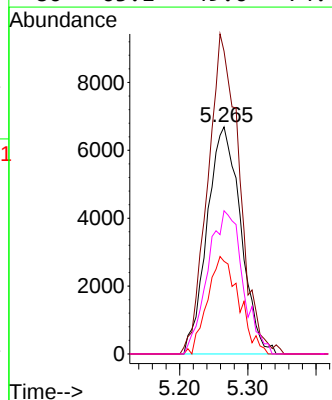
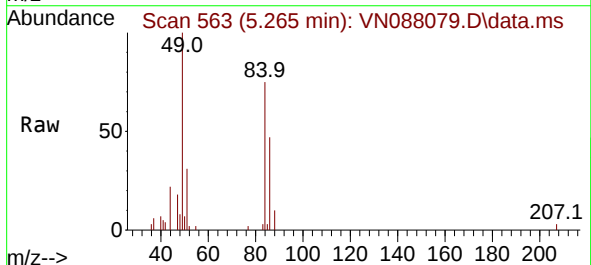
Manual Integrations
APPROVED

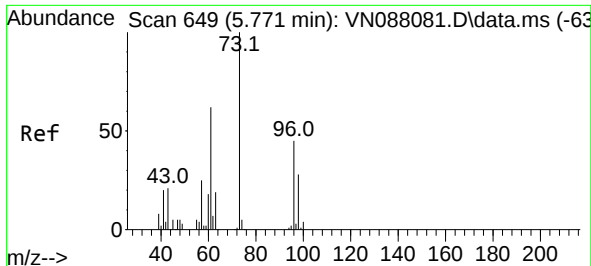
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 6.410 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

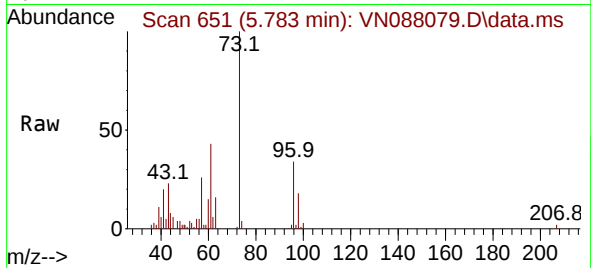
Tgt Ion: 84 Resp: 22926
Ion Ratio Lower Upper
84 100
49 133.4 103.4 155.2
51 40.8 33.8 50.8
86 63.1 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 5.152 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

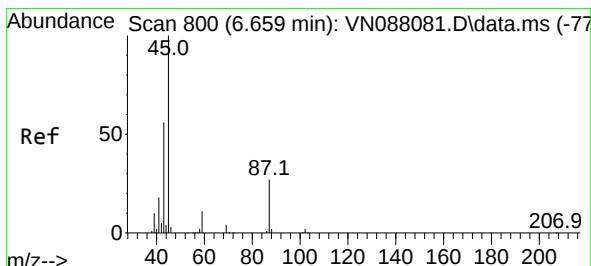
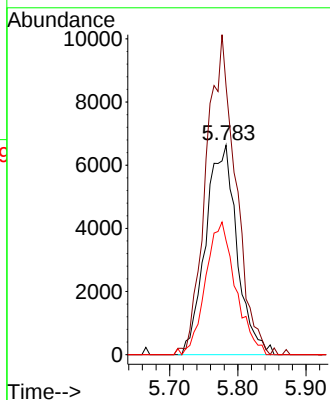
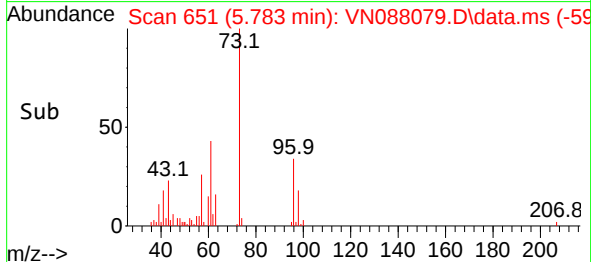
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



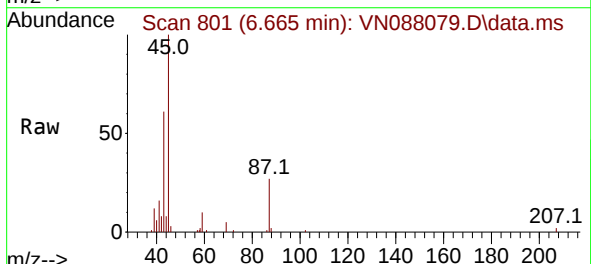
Tgt Ion: 96 Resp: 21204
Ion Ratio Lower Upper
96 100
61 128.4 118.0 177.0
98 54.6 50.0 75.0

Manual Integrations
APPROVED

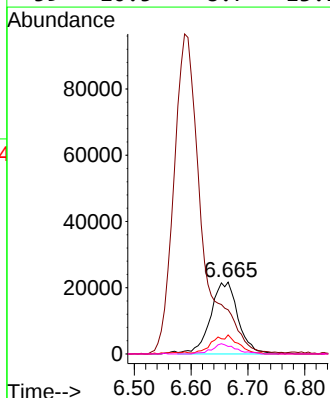
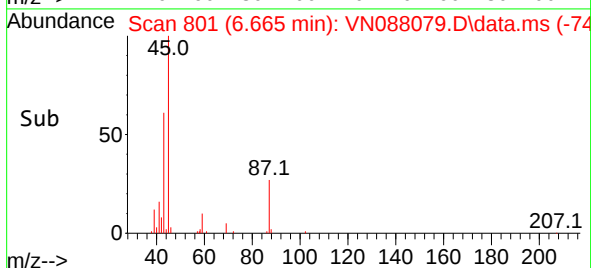
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

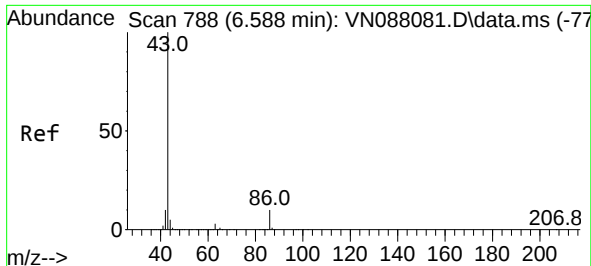


#22
Diisopropyl ether
Concen: 5.310 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



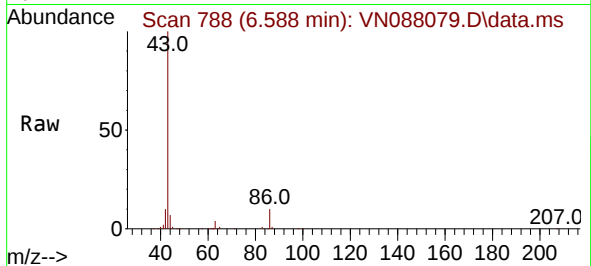
Tgt Ion: 45 Resp: 72852
Ion Ratio Lower Upper
45 100
43 59.4 47.7 71.5
87 26.6 21.4 32.0
59 10.5 8.7 13.1





#23
 Vinyl Acetate
 Concen: 26.799 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

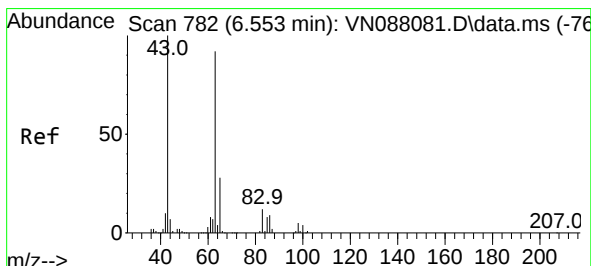
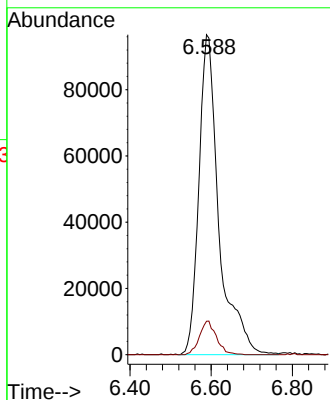
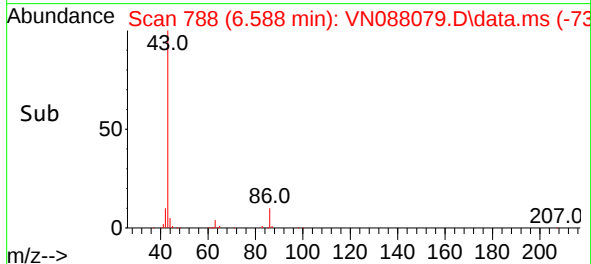
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



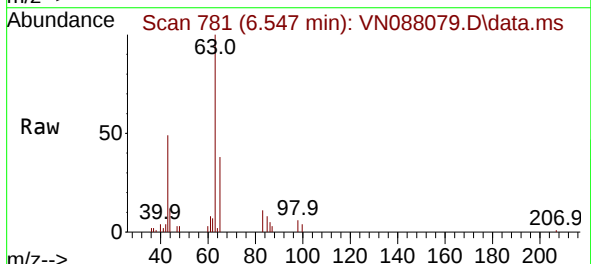
Tgt Ion: 43 Resp: 33119
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.4

Manual Integrations
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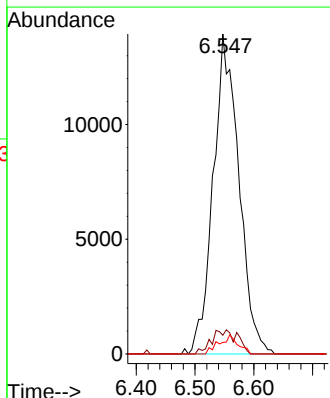
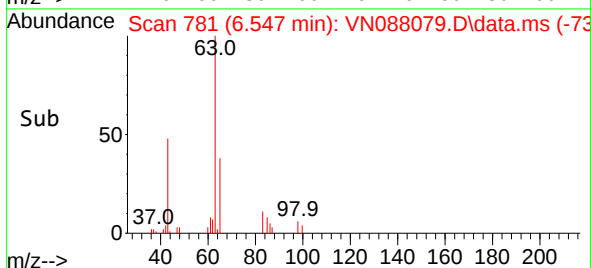
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 5.578 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38



Tgt Ion: 63 Resp: 42391
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.8 11.4
 100 3.6 2.0 6.0





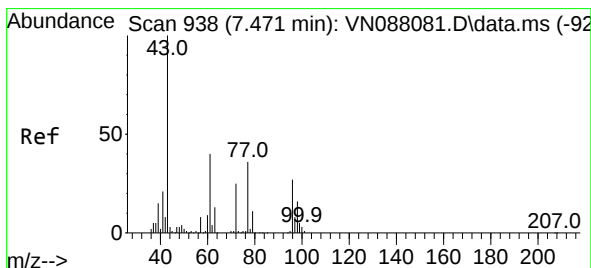
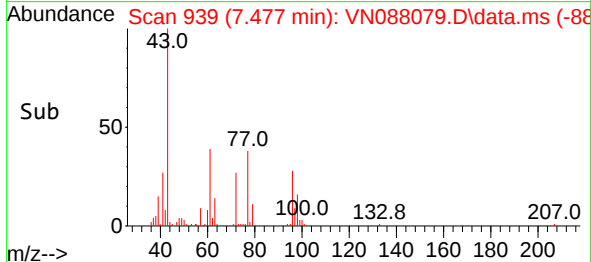
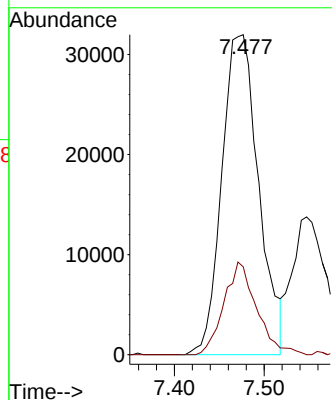
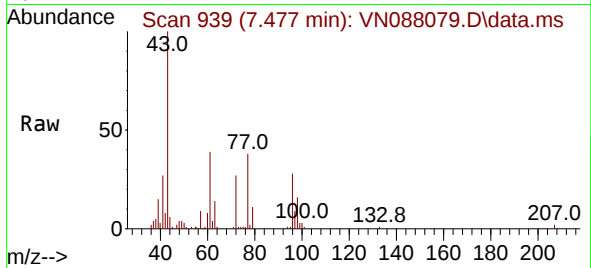
#25
2-Butanone
Concen: 27.166 ug/l
RT: 7.477 min Scan# 91150
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 91150
Ion Ratio Lower Upper
43 100
72 27.4 19.9 29.9

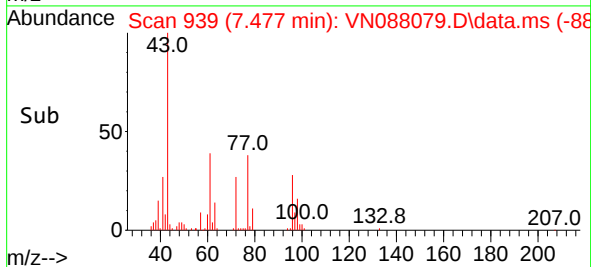
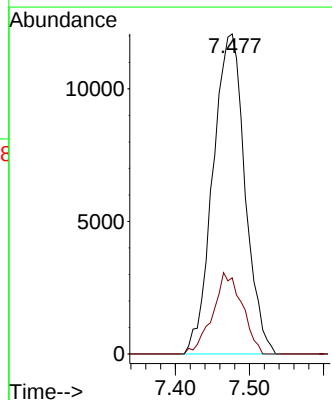
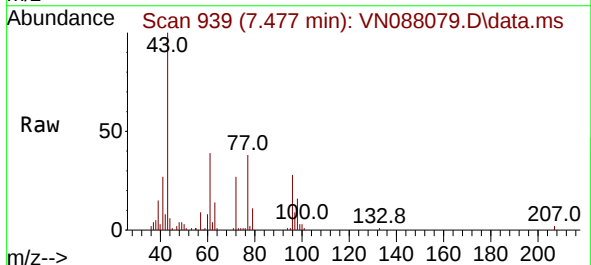
Manual Integrations
APPROVED

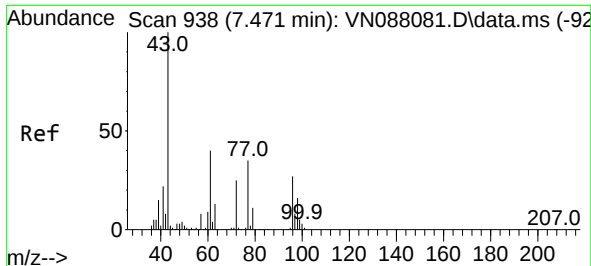
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 5.257 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 77 Resp: 36306
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.7





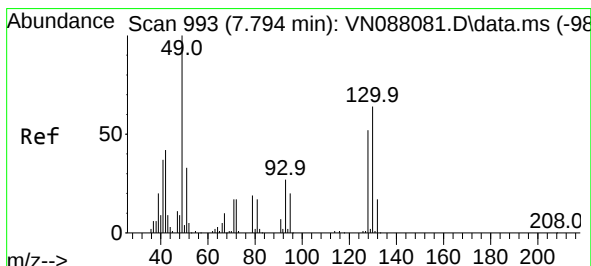
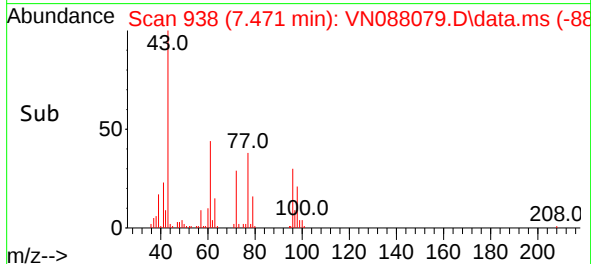
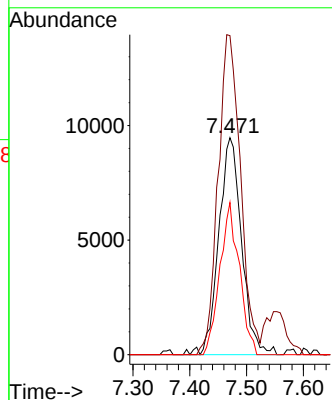
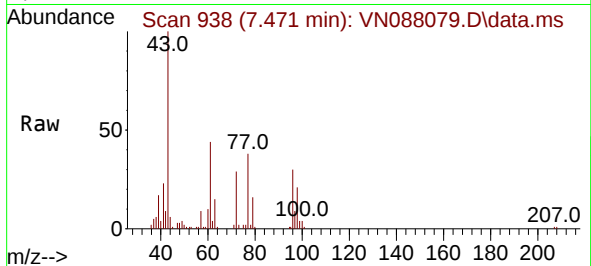
#27
 cis-1,2-Dichloroethene
 Concen: 5.616 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 2641
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 301.8
 98 59.9 0.0 126.2

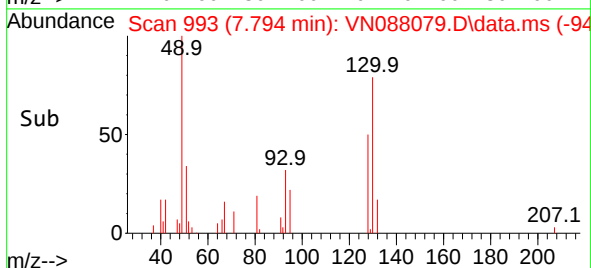
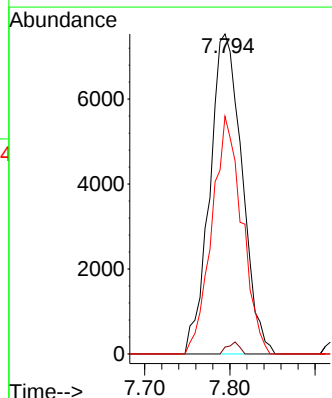
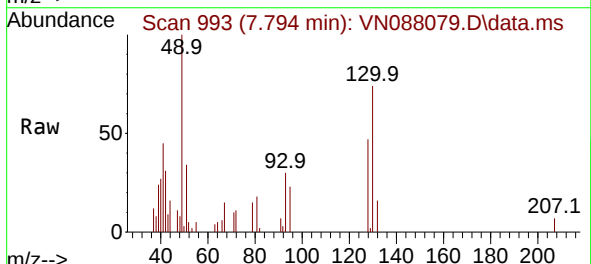
Manual Integrations
 APPROVED

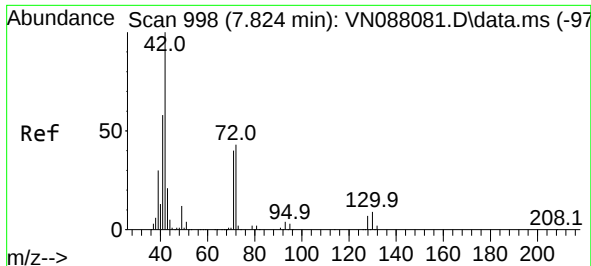
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#28
 Bromochloromethane
 Concen: 5.515 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

Tgt Ion: 49 Resp: 19805
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 69.5 53.1 79.7





#29

Tetrahydrofuran

Concen: 25.793 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

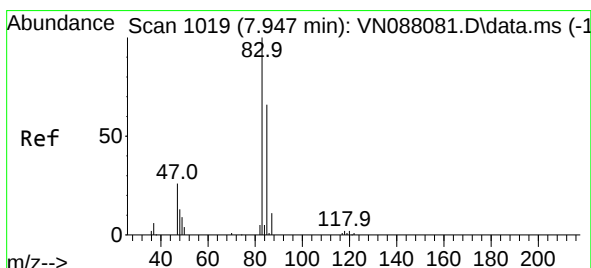
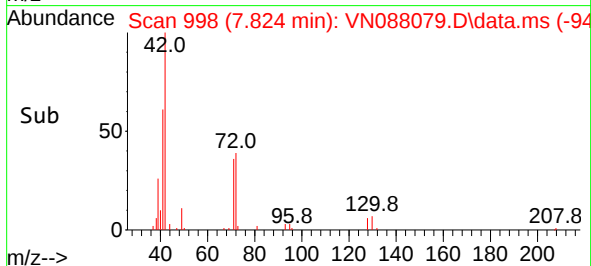
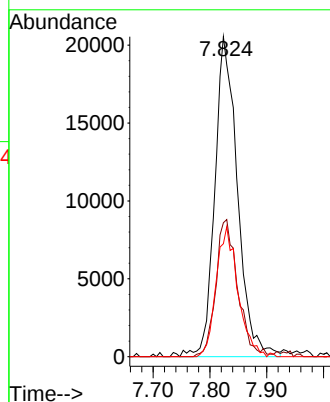
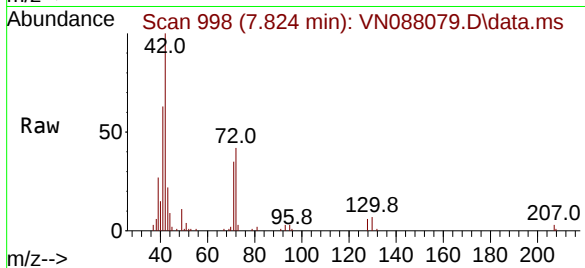
Tgt Ion:	42	Resp:	5698
Ion Ratio	Lower	Upper	
42	100		
72	41.4	33.7	50.5
71	38.9	31.9	47.9

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 5.590 ug/l

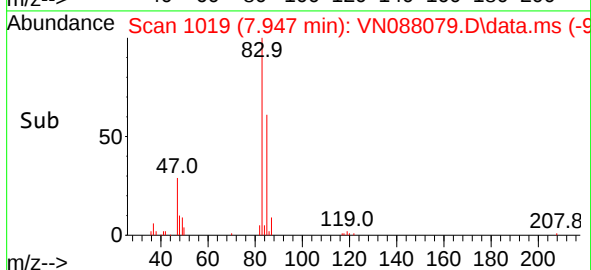
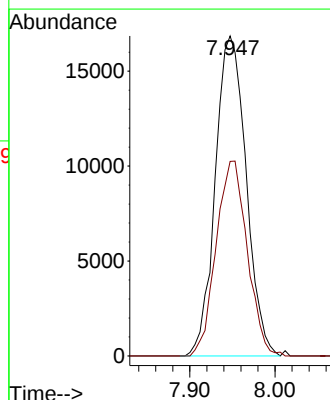
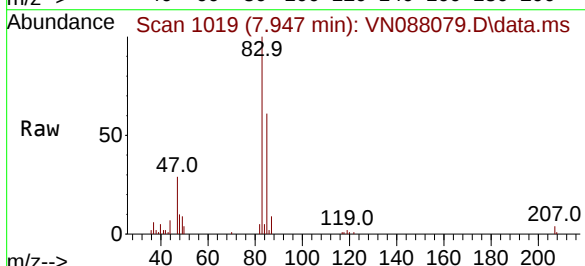
RT: 7.947 min Scan# 1019

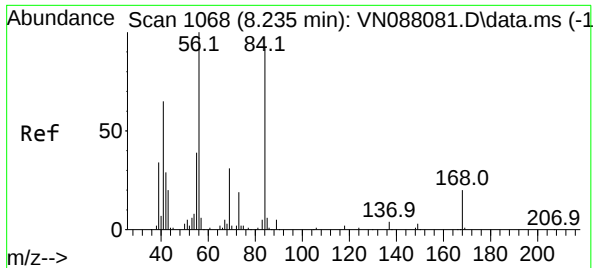
Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

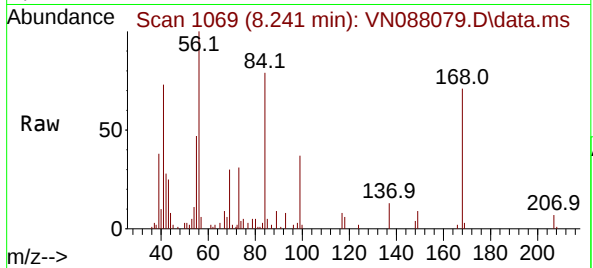
Tgt Ion:	83	Resp:	42443
Ion Ratio	Lower	Upper	
83	100		
85	60.8	50.7	76.1





#31
Cyclohexane
Concen: 6.146 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

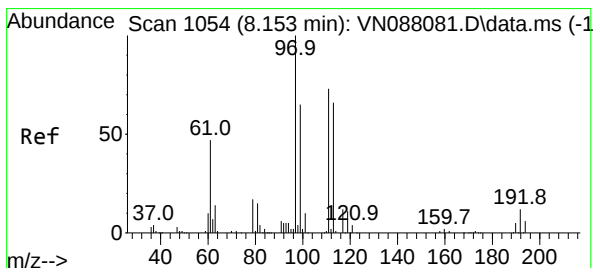
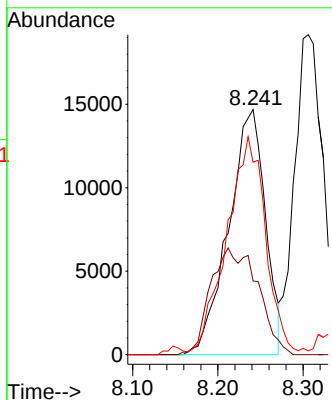
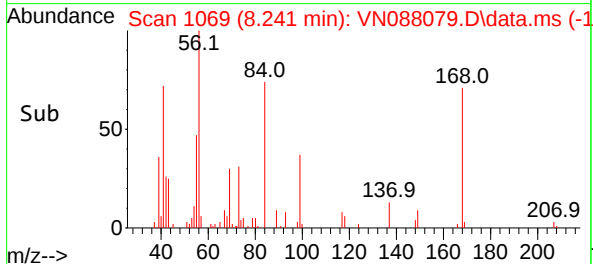
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 44056
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 75.7 64.7 97.1

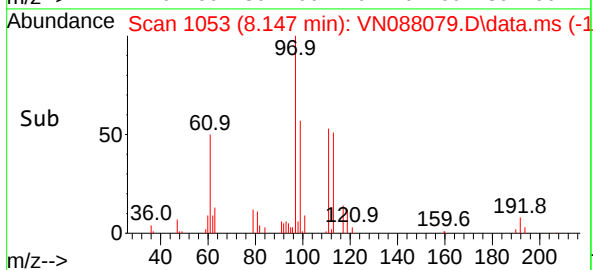
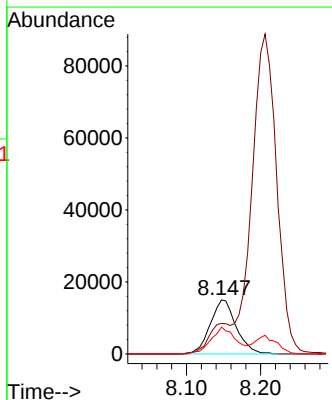
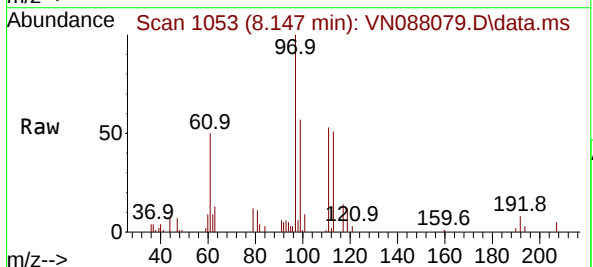
Manual Integrations
APPROVED

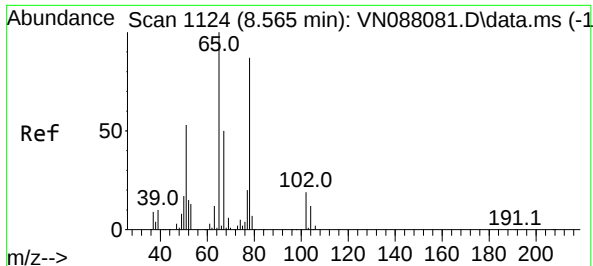
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 5.384 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 97 Resp: 36411
Ion Ratio Lower Upper
97 100
99 47.8 52.2 78.2#
61 47.8 41.2 61.8





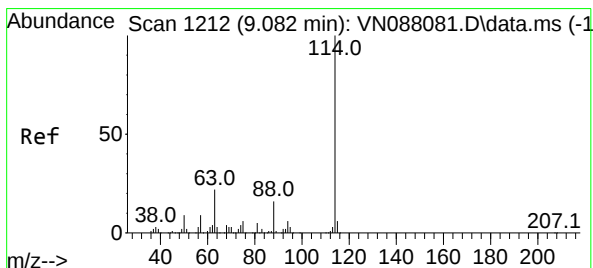
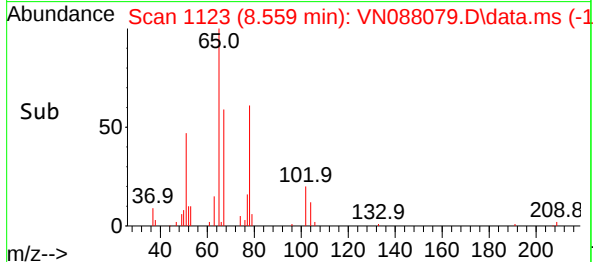
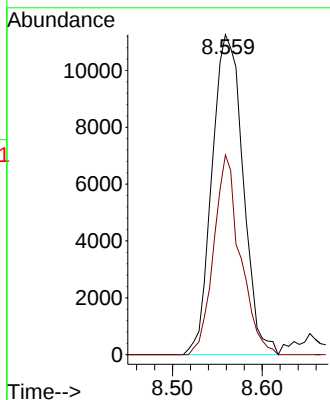
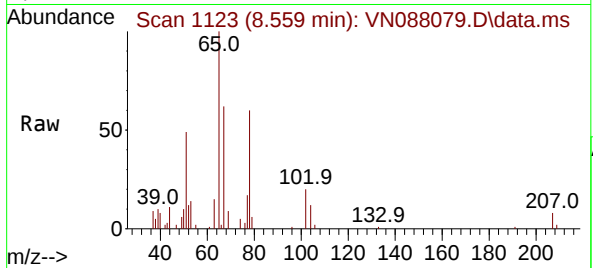
#33
1,2-Dichloroethane-d4
Concen: 5.285 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 2706
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.0

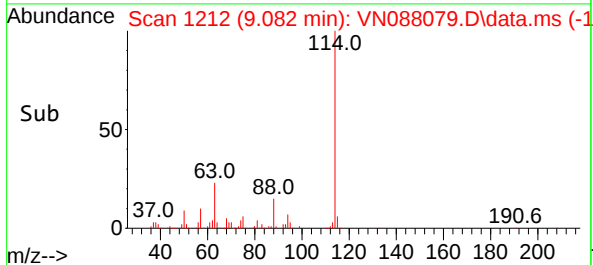
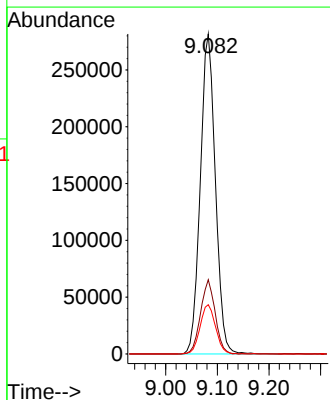
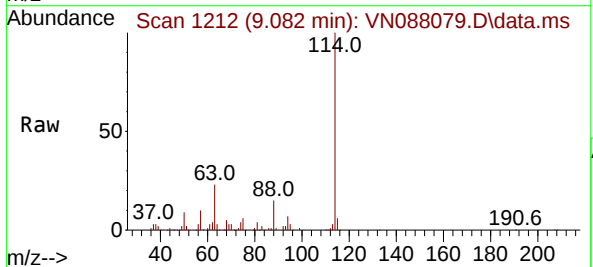
Manual Integrations
APPROVED

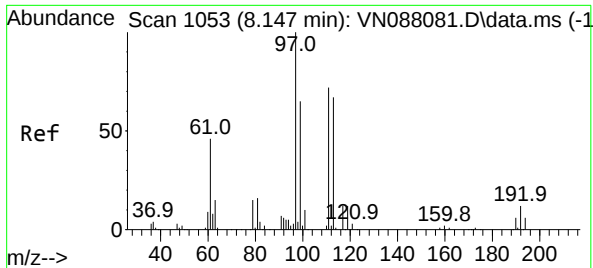
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

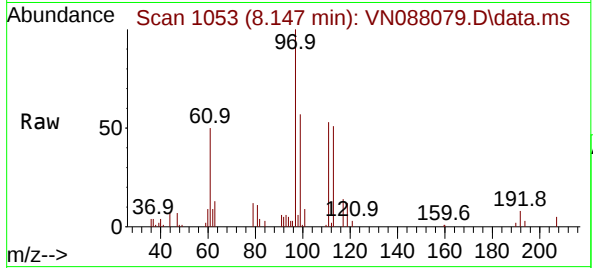
Tgt Ion:114 Resp: 570271
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.2
88 15.4 0.0 33.4





#35
Dibromofluoromethane
Concen: 5.103 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

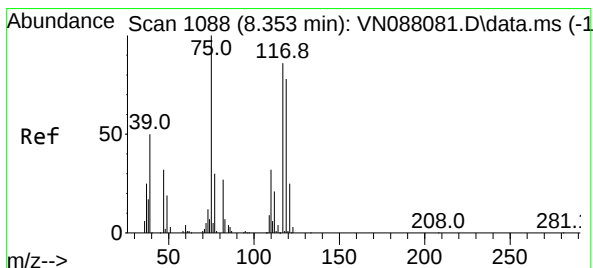
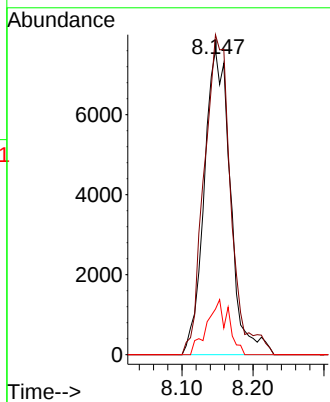
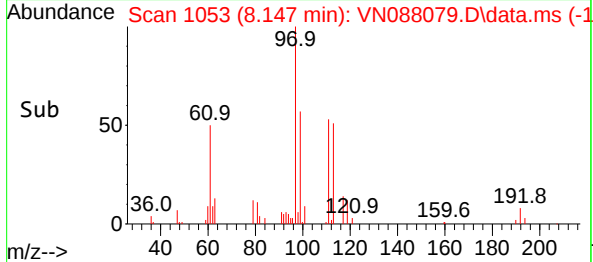
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



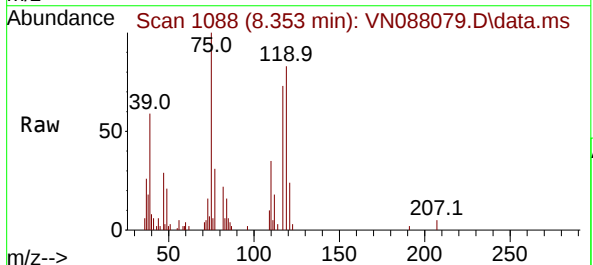
Tgt Ion: 113 Resp: 1955
Ion Ratio Lower Upper
113 100
111 106.1 82.8 124.2
192 14.9 12.8 19.2

Manual Integrations
APPROVED

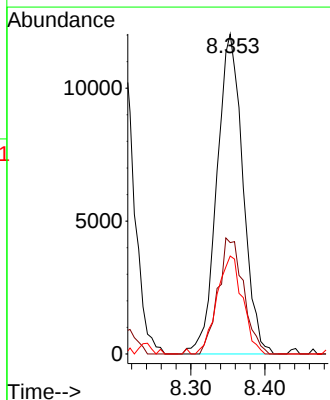
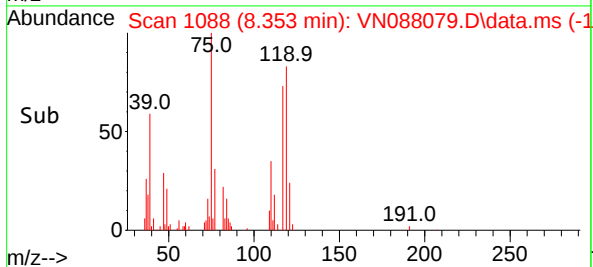
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

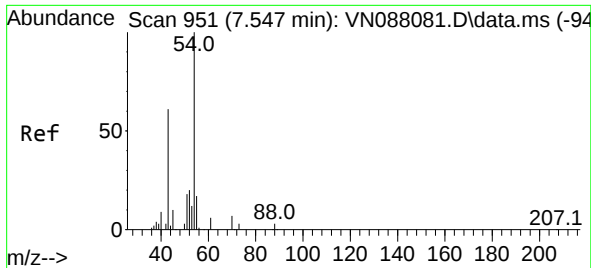


#36
1,1-Dichloropropene
Concen: 5.241 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



Tgt Ion: 75 Resp: 29318
Ion Ratio Lower Upper
75 100
110 35.5 15.9 47.6
77 30.2 24.4 36.6





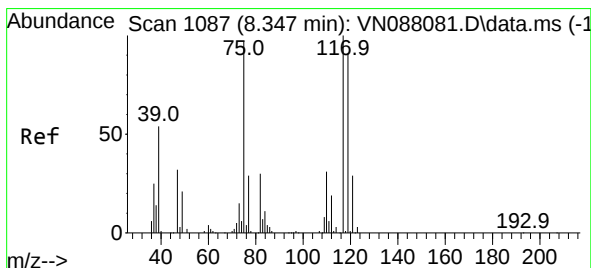
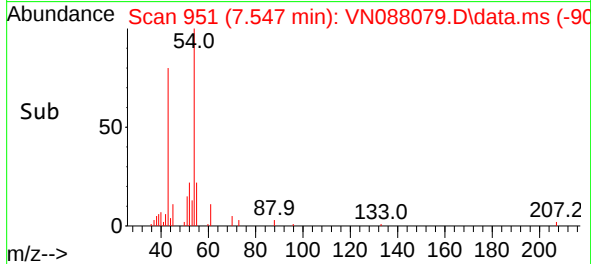
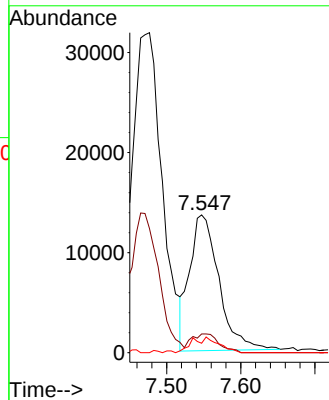
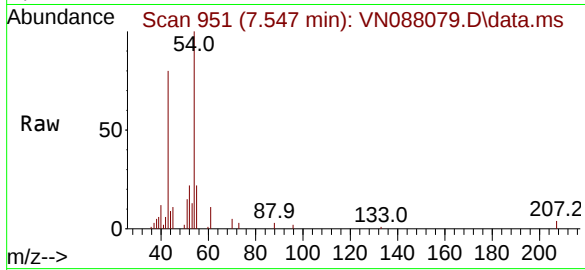
#37
Ethyl Acetate
Concen: 5.201 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3738
Ion Ratio Lower Upper
43 100
61 13.0 9.3 13.9
70 5.9 7.0 10.6

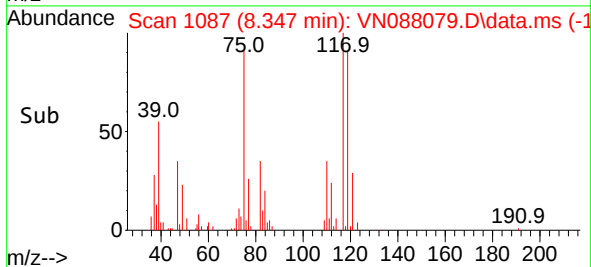
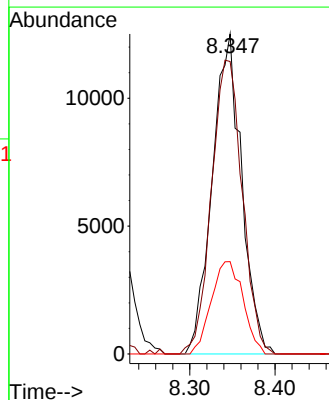
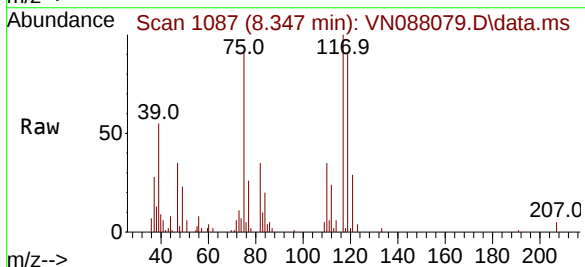
Manual Integrations
APPROVED

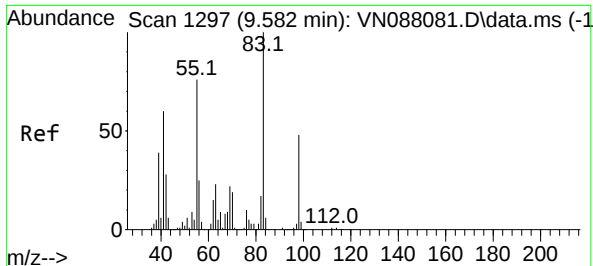
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 5.178 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

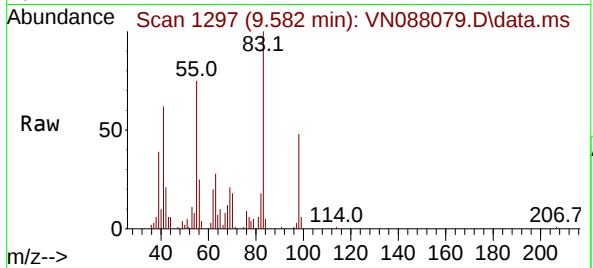
Tgt Ion:117 Resp: 29915
Ion Ratio Lower Upper
117 100
119 91.4 79.0 118.6
121 28.9 25.0 37.6





#39
Methylcyclohexane
Concen: 5.147 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

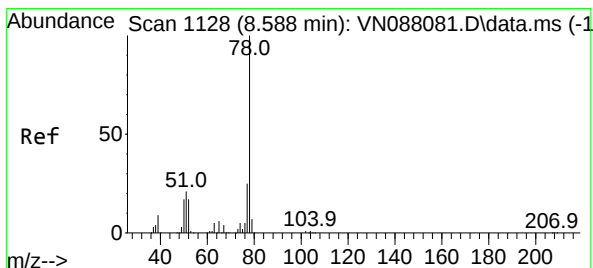
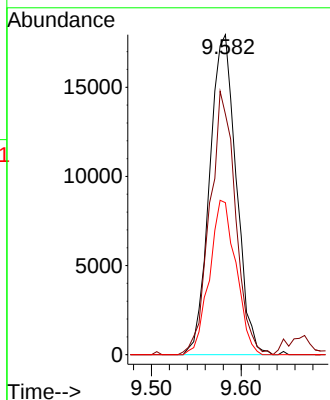
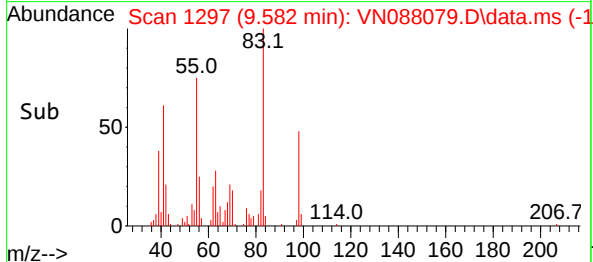
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 37009
Ion Ratio Lower Upper
83 100
55 75.2 64.6 96.8
98 47.5 38.4 57.6

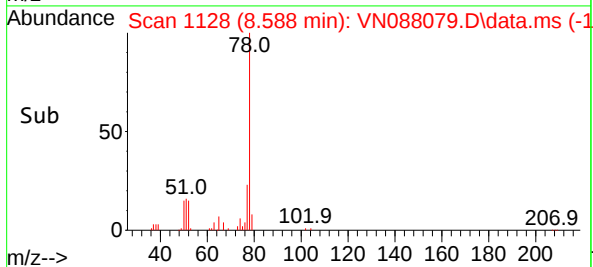
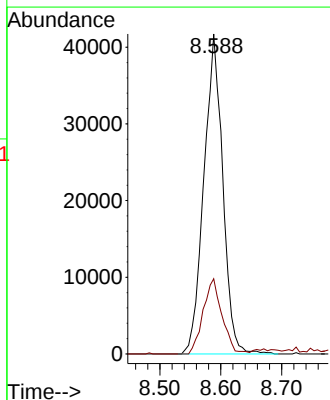
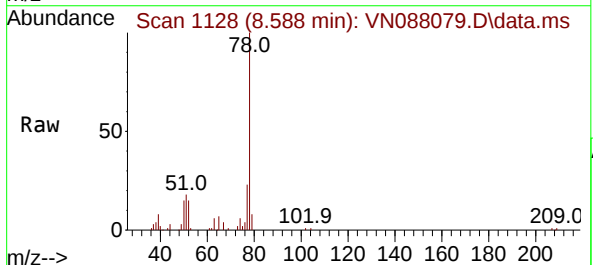
Manual Integrations
APPROVED

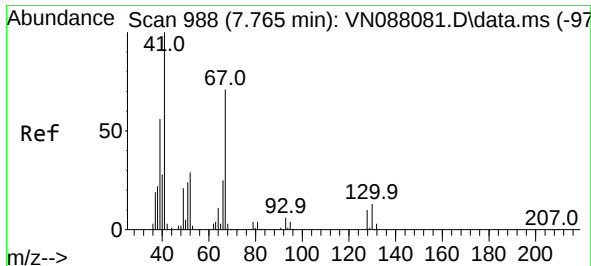
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#40
Benzene
Concen: 5.279 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

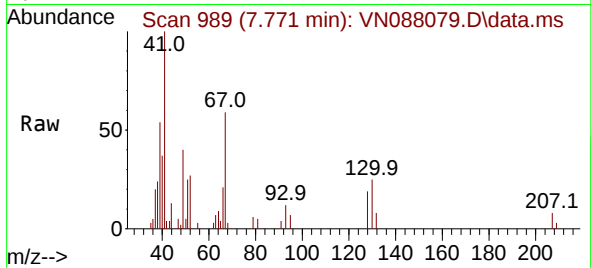
Tgt Ion: 78 Resp: 89925
Ion Ratio Lower Upper
78 100
77 23.5 19.7 29.5





#41
Methacrylonitrile
Concen: 5.137 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

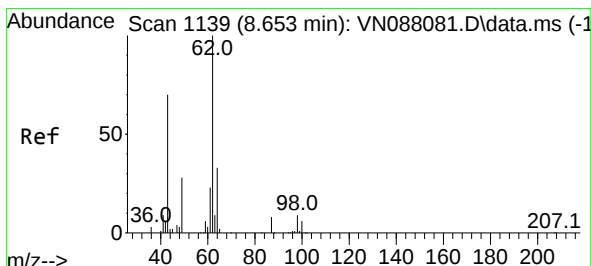
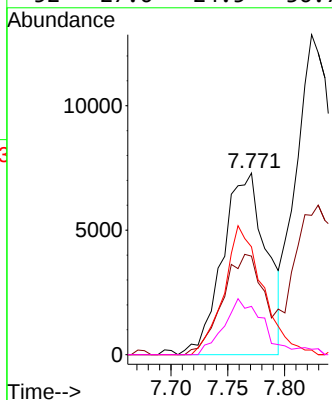
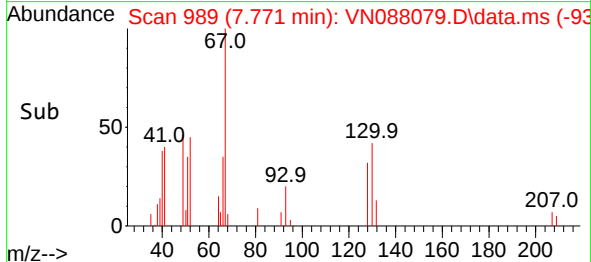
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 19510
Ion Ratio Lower Upper
41 100
39 51.1 45.4 68.0
67 63.0 55.3 82.9
52 27.6 24.5 36.7

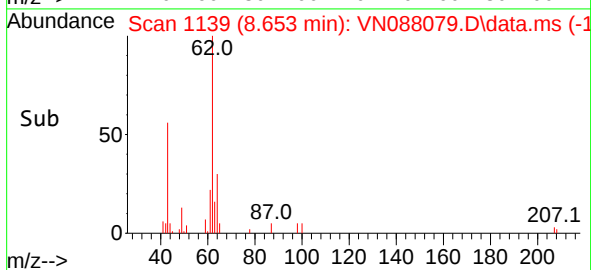
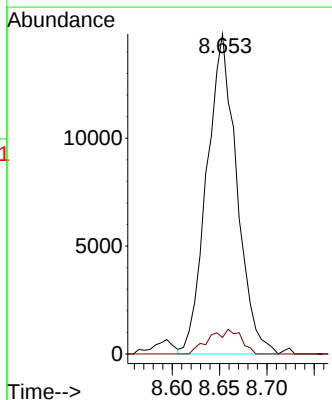
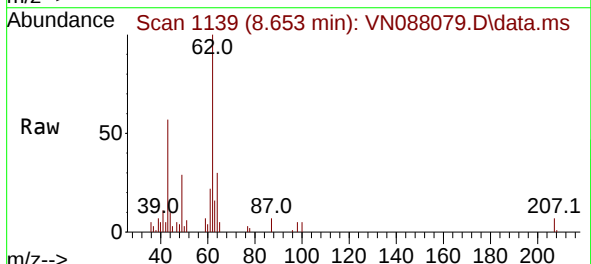
Manual Integrations
APPROVED

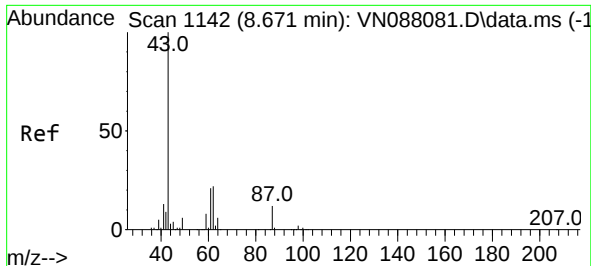
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 5.388 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 62 Resp: 32612
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.4





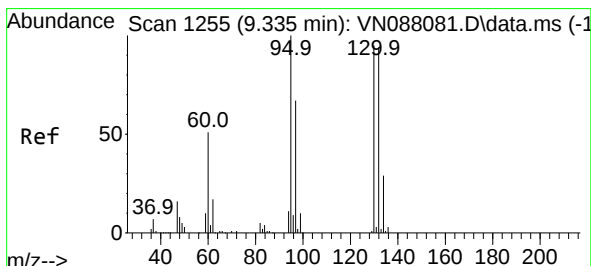
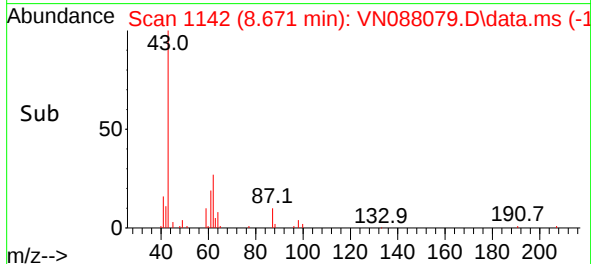
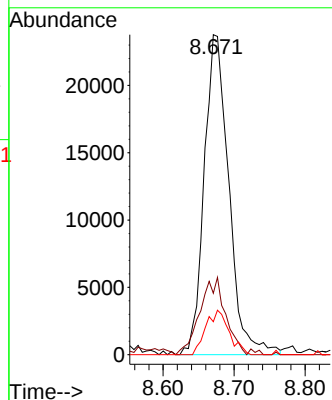
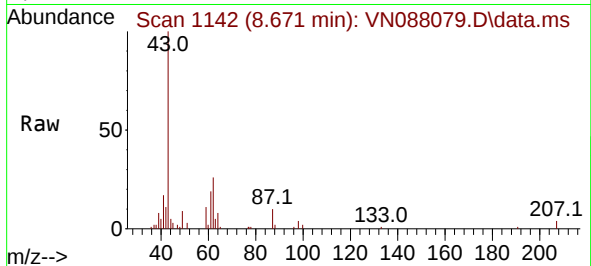
#43
Isopropyl Acetate
Concen: 5.184 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 57498
Ion Ratio Lower Upper
43 100
61 25.0 18.8 28.2
87 13.1 9.6 14.4

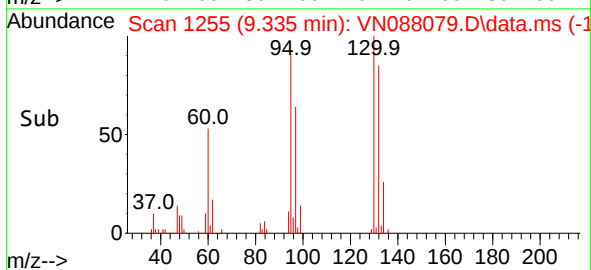
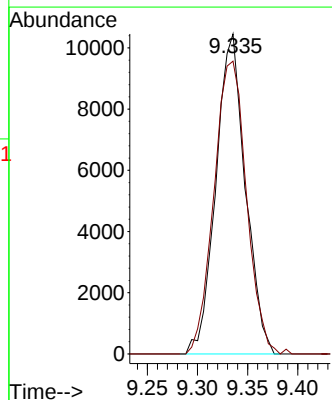
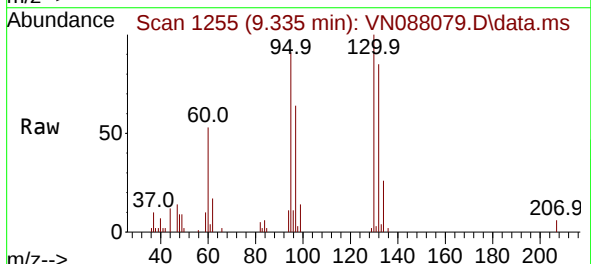
Manual Integrations
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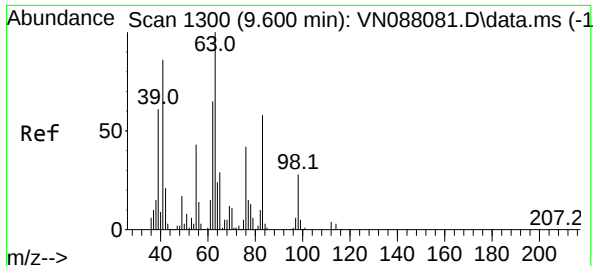
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 5.361 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion:130 Resp: 21346
Ion Ratio Lower Upper
130 100
95 91.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 5.411 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2327

Ion Ratio Lower Upper

63 100

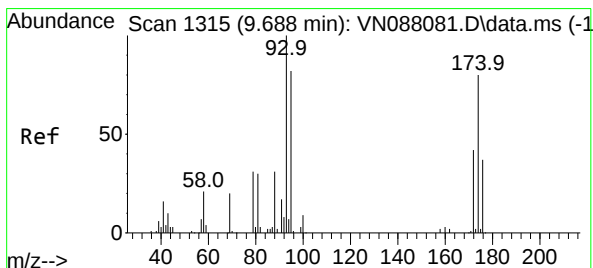
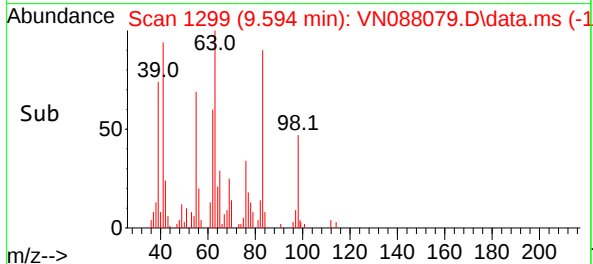
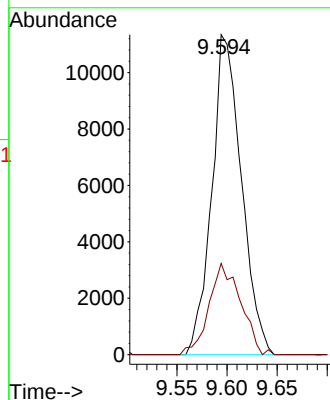
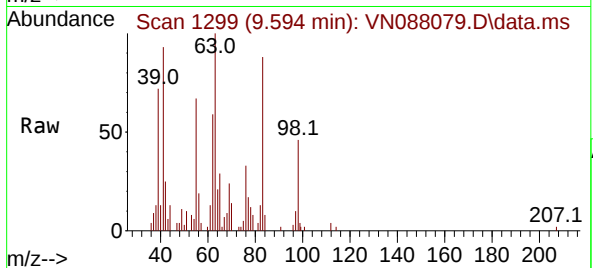
65 28.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 5.546 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

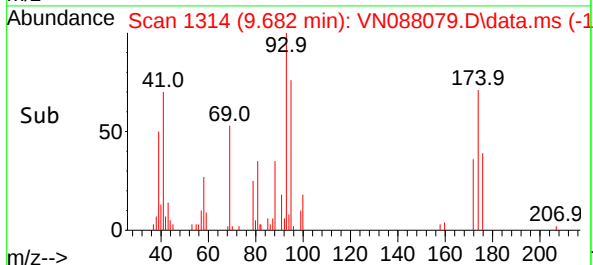
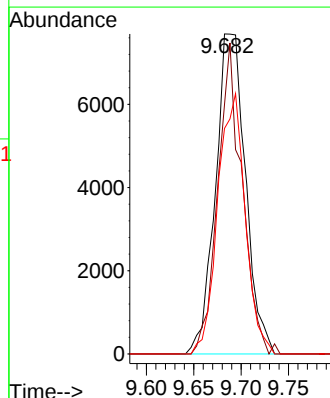
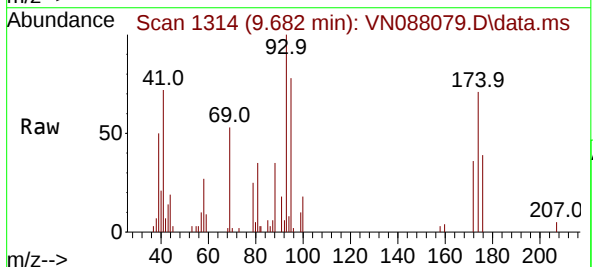
Tgt Ion: 93 Resp: 17012

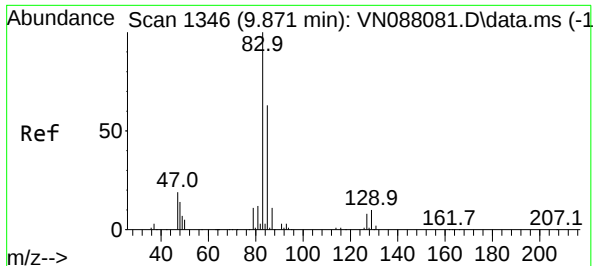
Ion Ratio Lower Upper

93 100

95 78.4 66.2 99.4

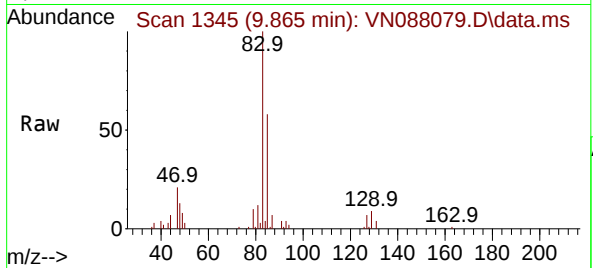
174 74.1 63.4 95.2





#47
Bromodichloromethane
Concen: 5.295 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

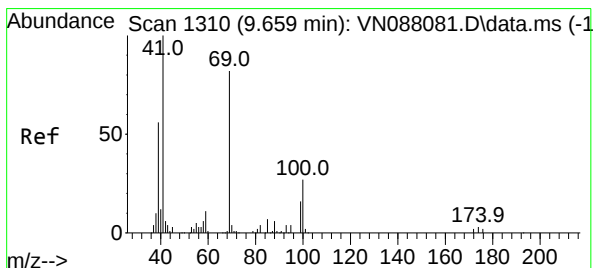
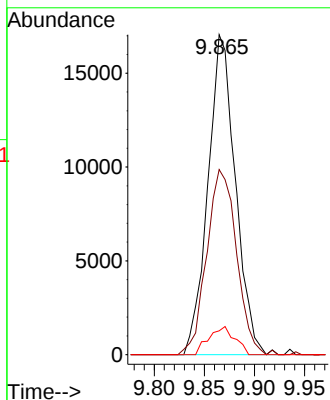
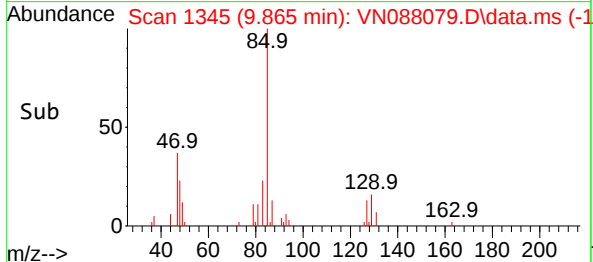
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 32518
Ion Ratio Lower Upper
83 100
85 57.9 52.5 78.7
127 7.5 5.8 8.6

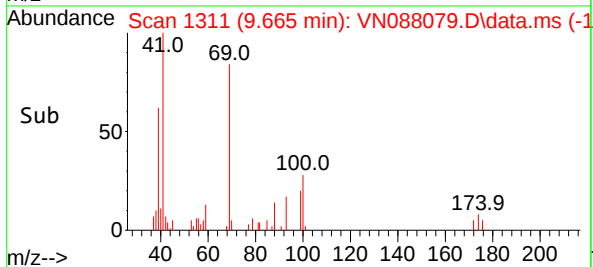
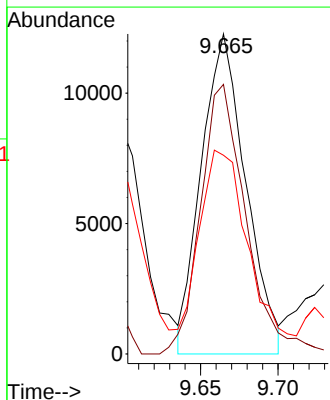
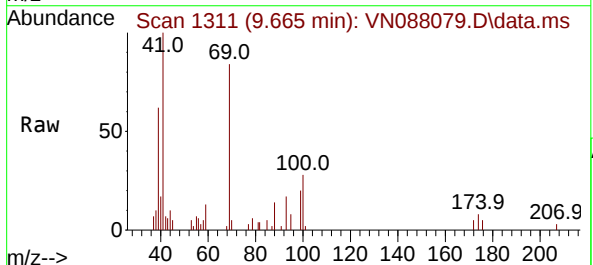
Manual Integrations
APPROVED

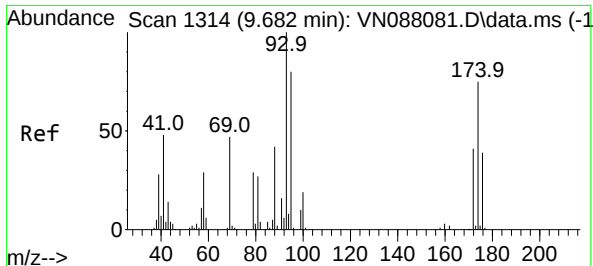
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 4.645 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 41 Resp: 24475
Ion Ratio Lower Upper
41 100
69 86.6 62.7 94.1
39 71.3 52.9 79.3





#49

1,4-Dioxane

Concen: 106.179 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 676

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

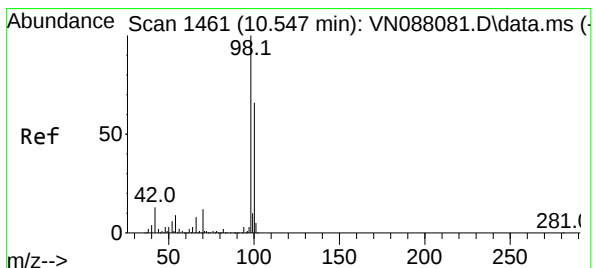
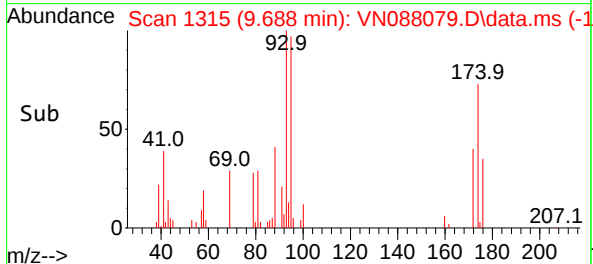
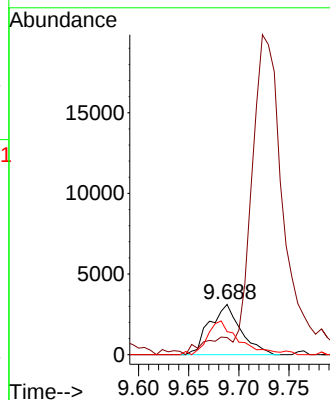
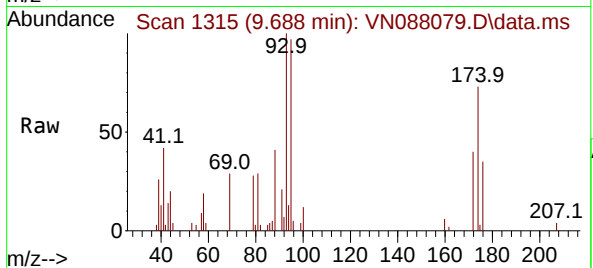
58 68.0 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 4.956 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088079.D

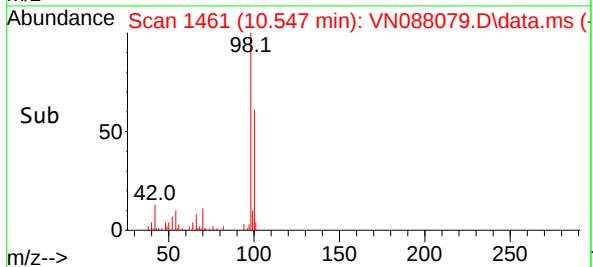
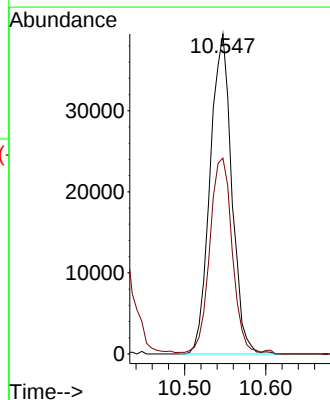
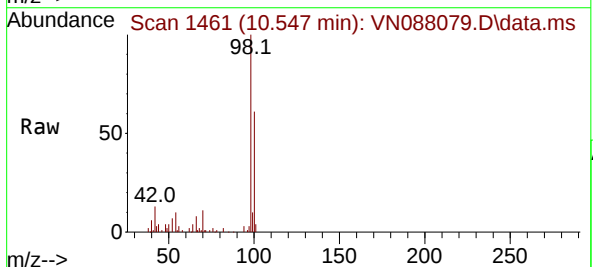
Acq: 23 Oct 2025 10:38

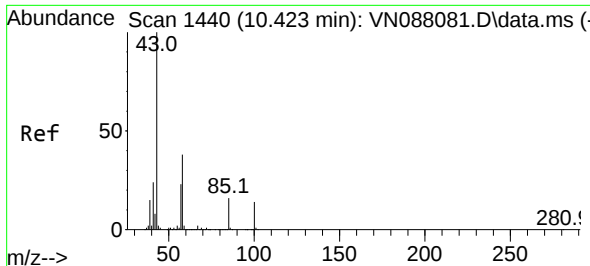
Tgt Ion: 98 Resp: 73162

Ion Ratio Lower Upper

98 100

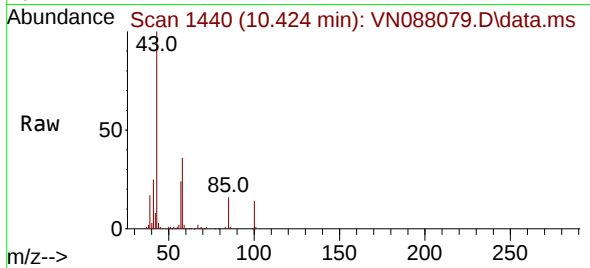
100 62.4 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 26.055 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

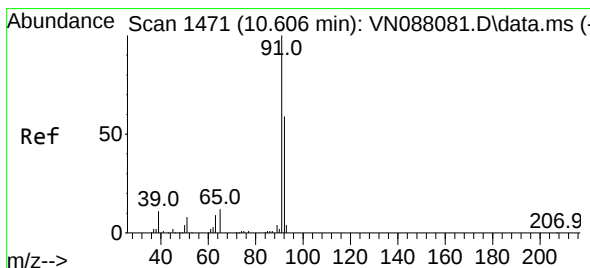
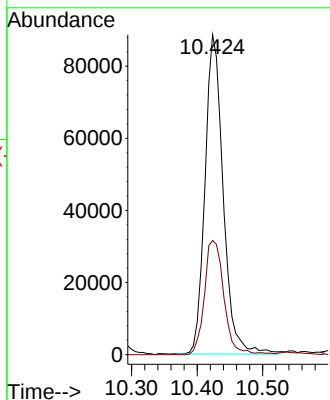
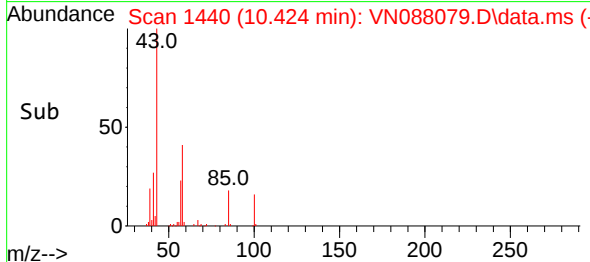
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 170979
Ion Ratio Lower Upper
43 100
58 38.4 29.6 44.4

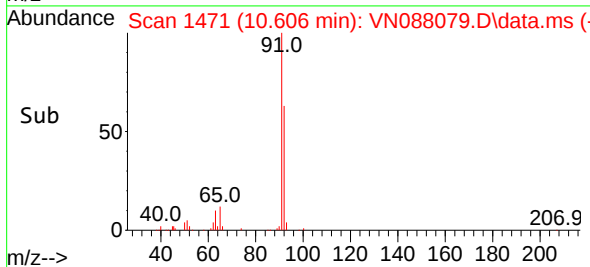
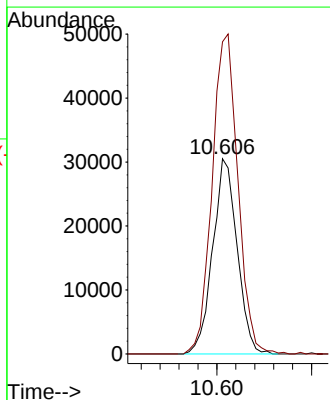
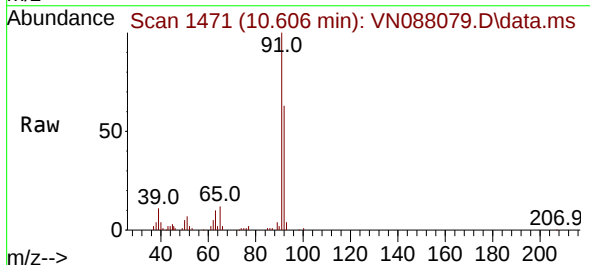
Manual Integrations
APPROVED

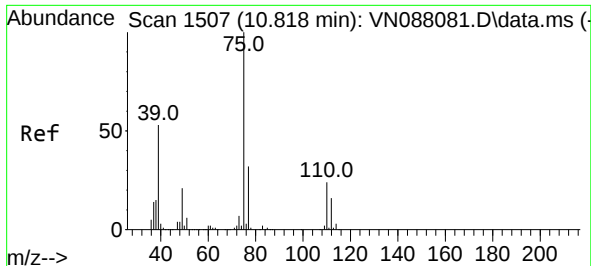
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 5.201 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 92 Resp: 54632
Ion Ratio Lower Upper
92 100
91 172.7 140.4 210.6





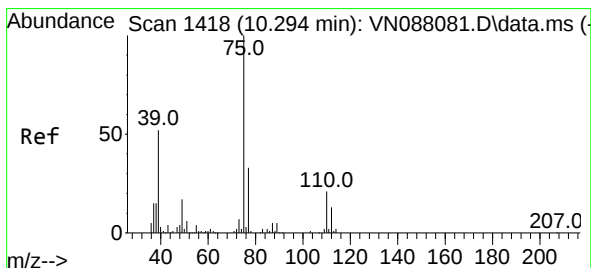
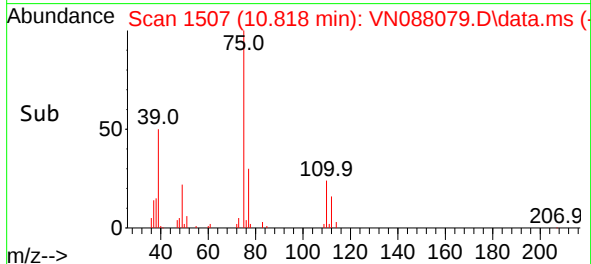
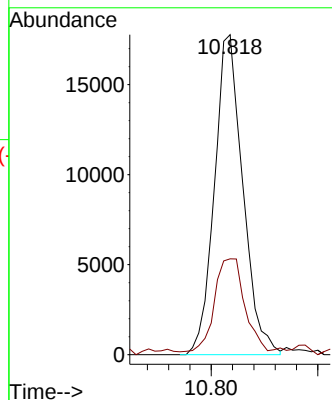
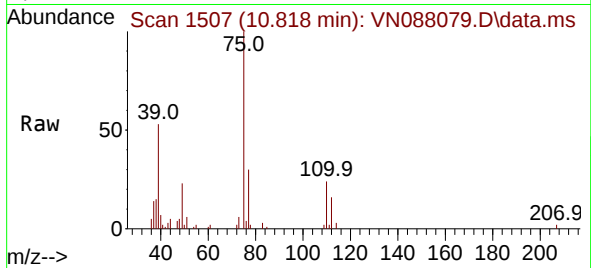
#53
t-1,3-Dichloropropene
Concen: 5.023 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3283
Ion Ratio Lower Upper
75 100
77 29.1 25.2 37.8

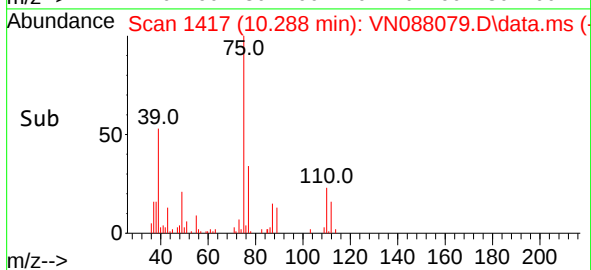
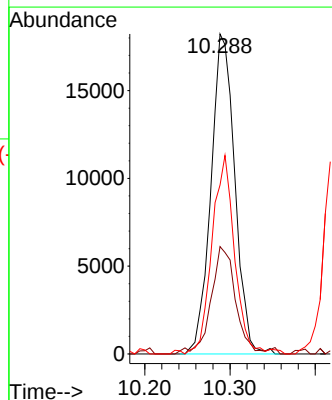
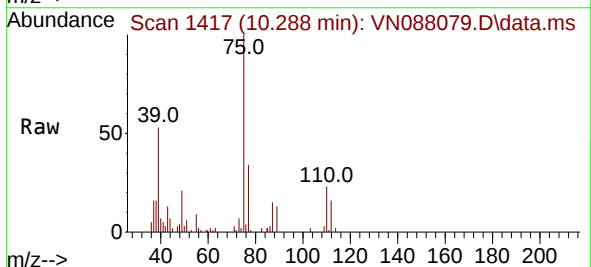
Manual Integrations
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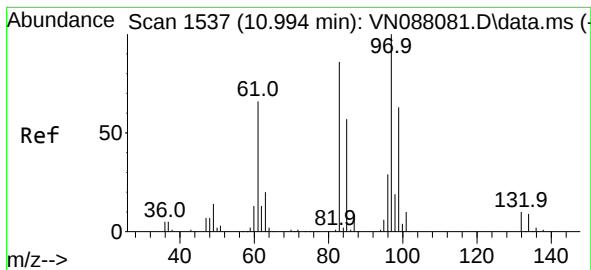
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#54
cis-1,3-Dichloropropene
Concen: 5.118 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

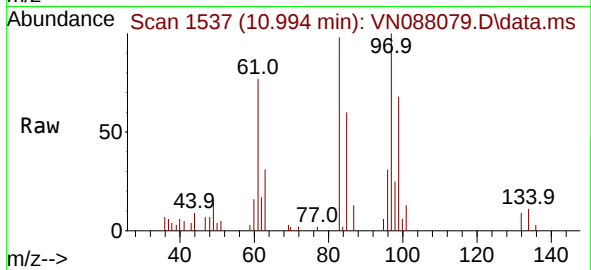
Tgt Ion: 75 Resp: 35495
Ion Ratio Lower Upper
75 100
77 33.5 24.6 37.0
39 51.8 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 4.986 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

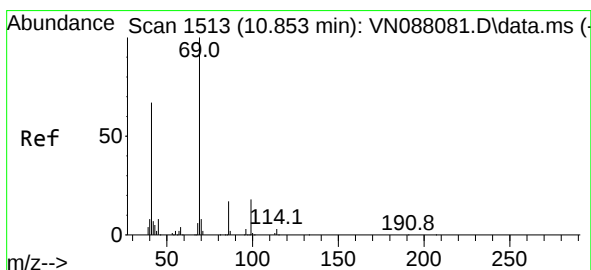
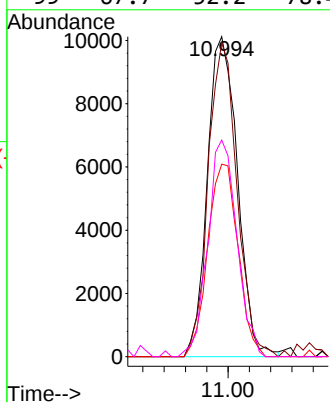
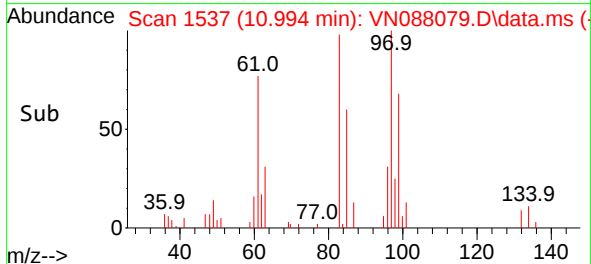
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



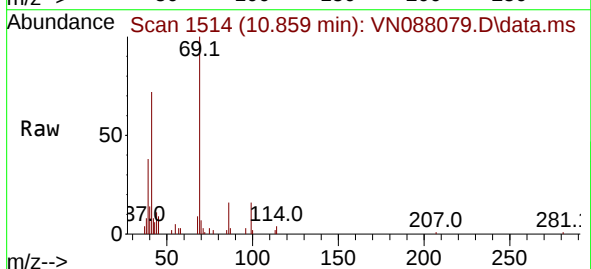
Tgt Ion	Ratio	Lower	Upper
97	100		
83	98.1	68.2	102.4
85	60.1	45.5	68.3
99	67.7	52.2	78.4

Manual Integrations
APPROVED

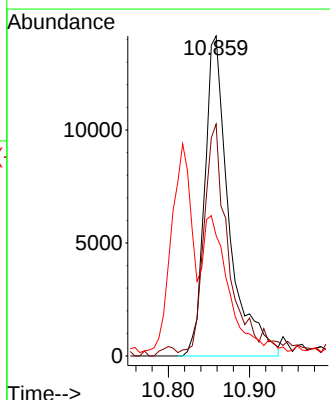
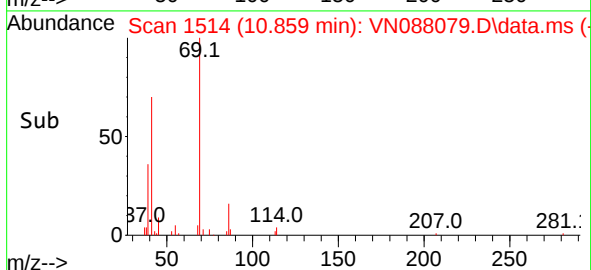
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

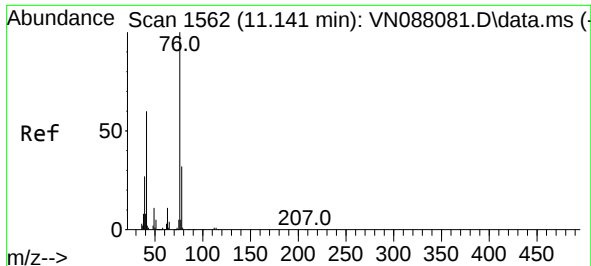


#56
Ethyl methacrylate
Concen: 4.695 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.9	56.5	84.7
39	41.2	34.2	51.4





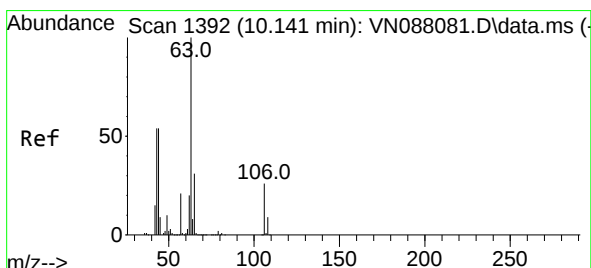
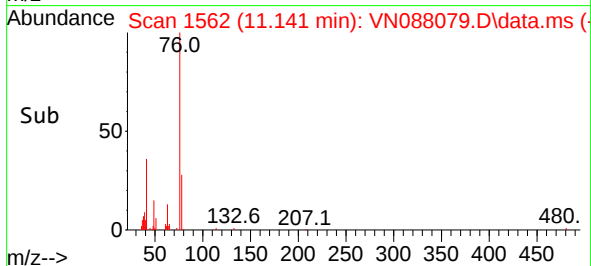
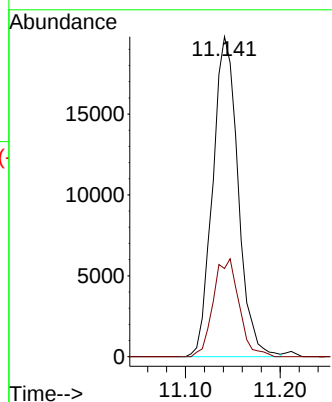
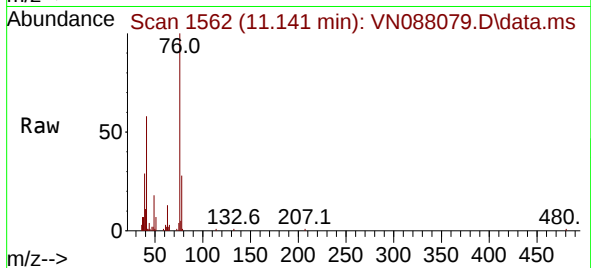
#57
1,3-Dichloropropane
Concen: 5.267 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 36892
Ion Ratio Lower Upper
76 100
78 31.0 26.2 39.4

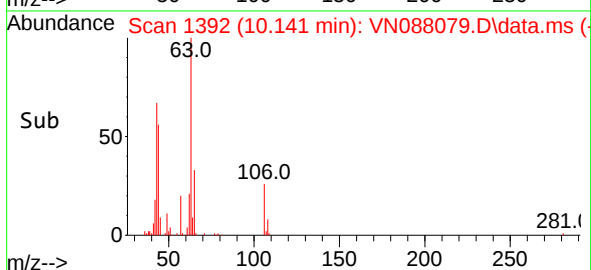
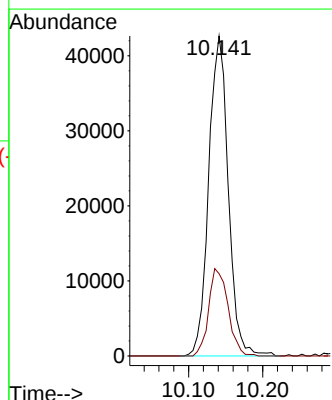
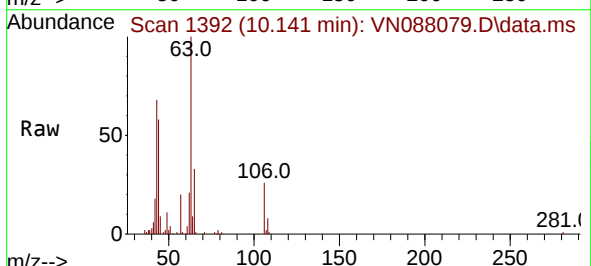
Manual Integrations
APPROVED

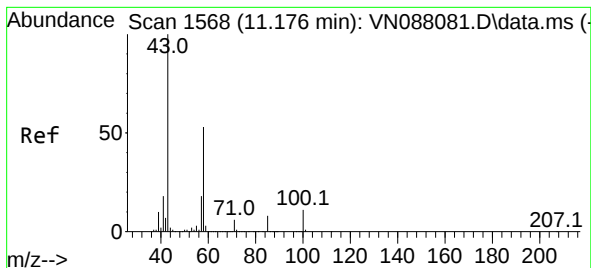
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 23.808 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

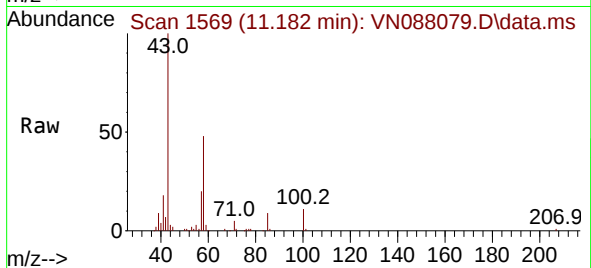
Tgt Ion: 63 Resp: 78095
Ion Ratio Lower Upper
63 100
106 27.1 21.1 31.7





#59
2-Hexanone
Concen: 21.954 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

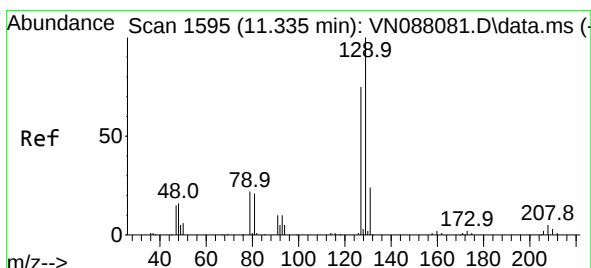
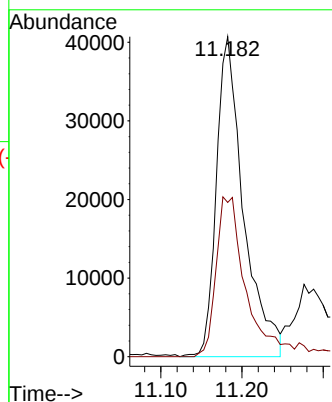
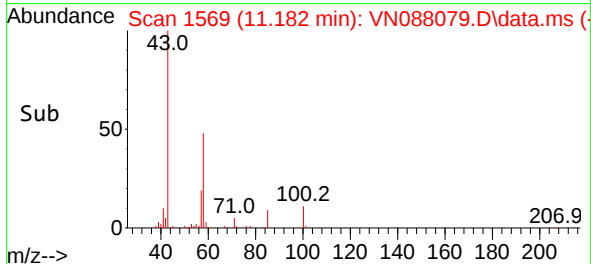
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 9457
Ion Ratio Lower Upper
43 100
58 54.3 25.9 77.8

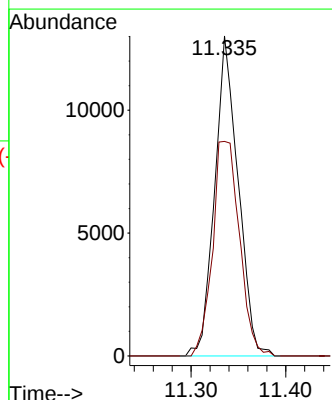
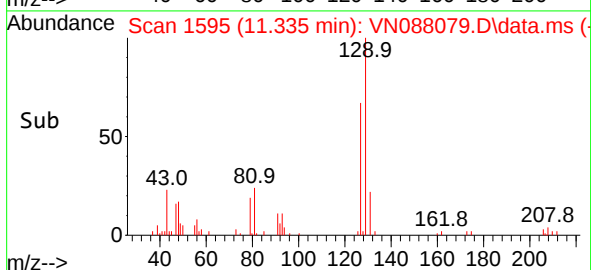
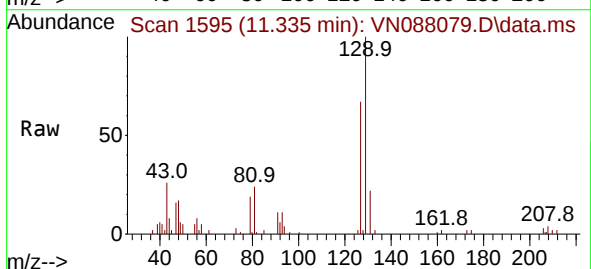
Manual Integrations
APPROVED

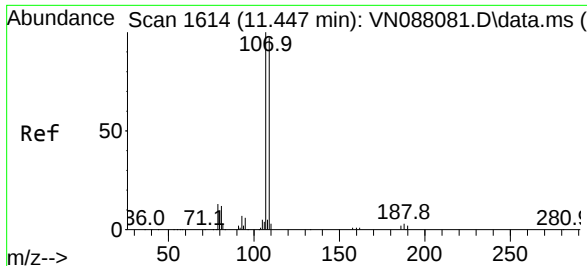
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 4.934 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

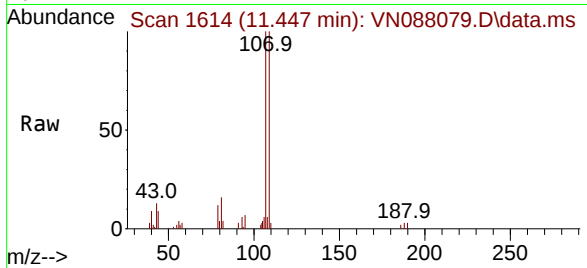
Tgt Ion:129 Resp: 22347
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3





#61
1,2-Dibromoethane
Concen: 4.946 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

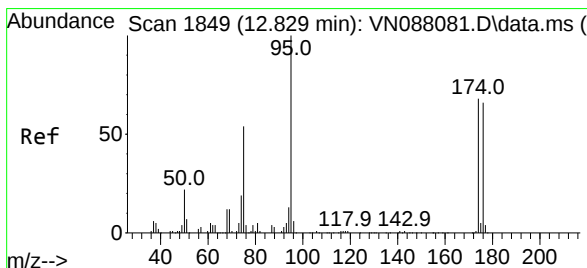
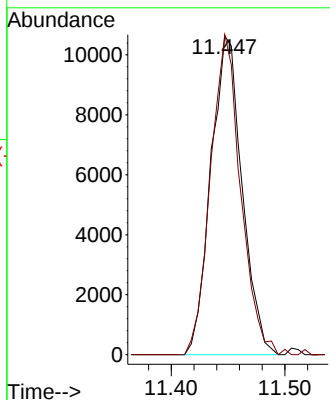
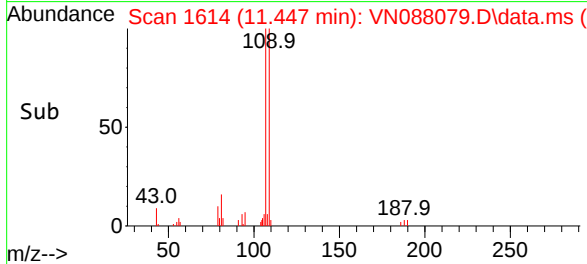
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 20284
Ion Ratio Lower Upper
107 100
109 97.1 74.7 112.1

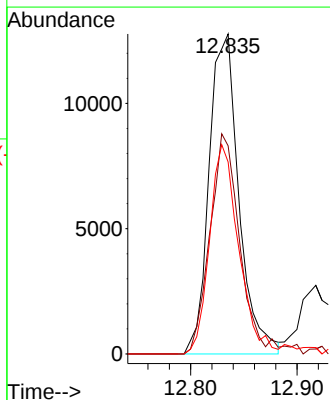
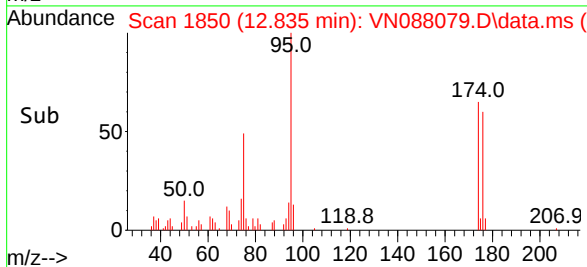
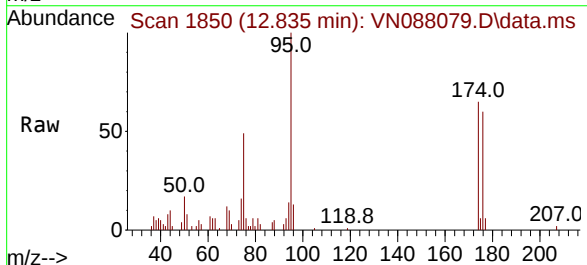
Manual Integrations
APPROVED

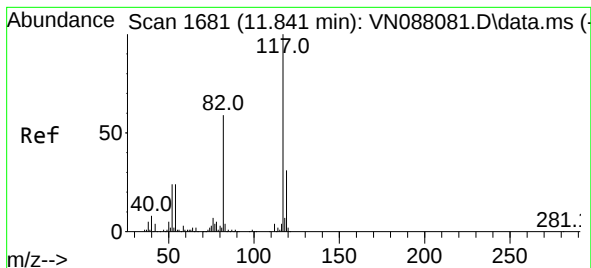
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#62
4-Bromofluorobenzene
Concen: 4.755 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.012 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

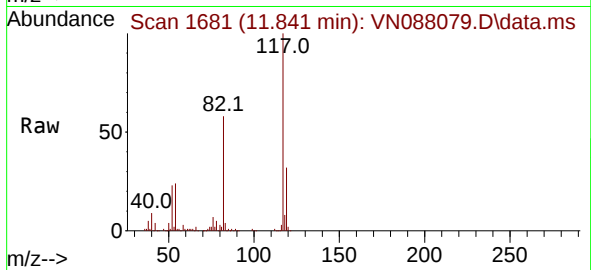
Tgt Ion: 95 Resp: 24787
Ion Ratio Lower Upper
95 100
174 69.9 0.0 138.4
176 64.0 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

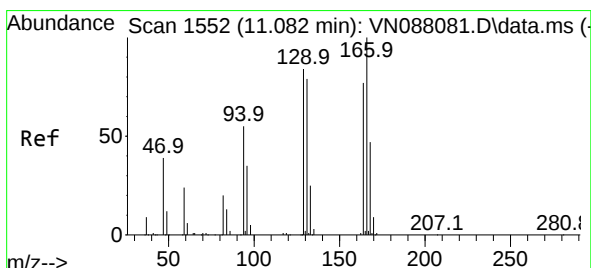
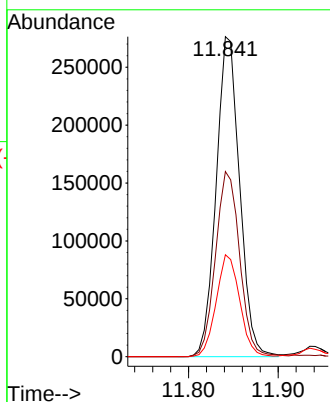
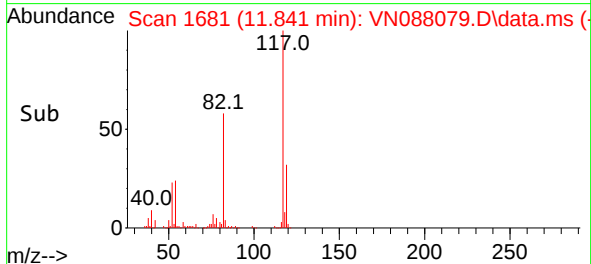
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



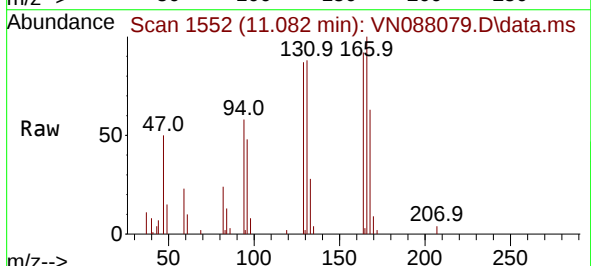
Tgt Ion:117 Resp: 50229
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.8 24.3 36.5

Manual Integrations
APPROVED

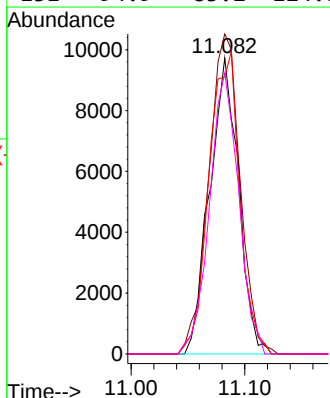
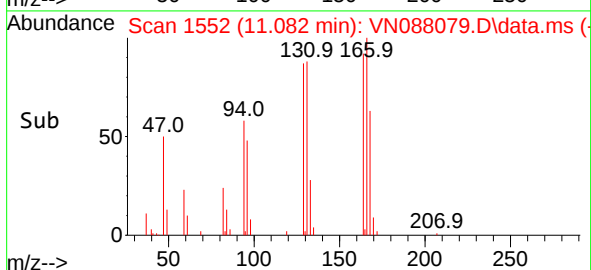
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

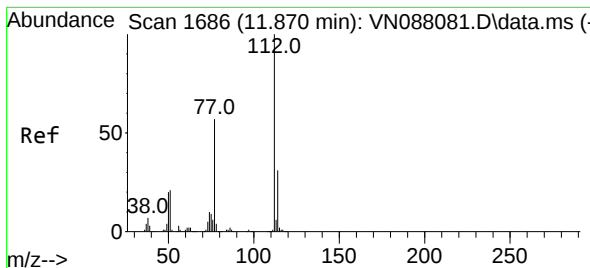


#64
Tetrachloroethene
Concen: 5.218 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



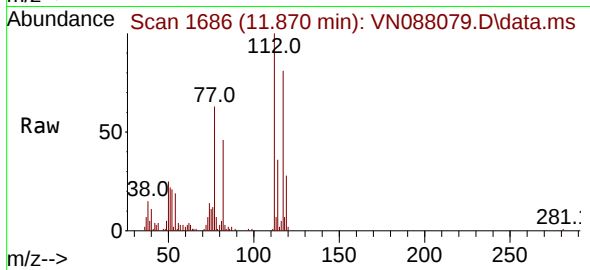
Tgt Ion:164 Resp: 17289
Ion Ratio Lower Upper
164 100
166 108.1 97.7 146.5
129 93.6 85.9 128.9
131 94.9 83.2 124.8





#65
Chlorobenzene
Concen: 5.322 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

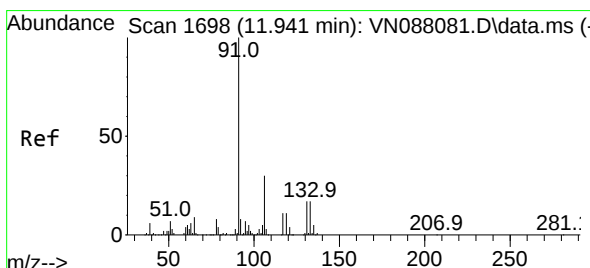
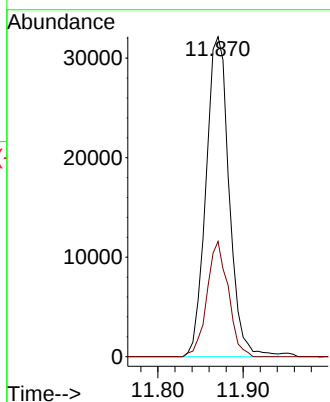
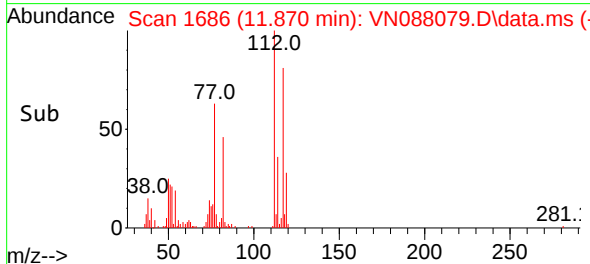
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



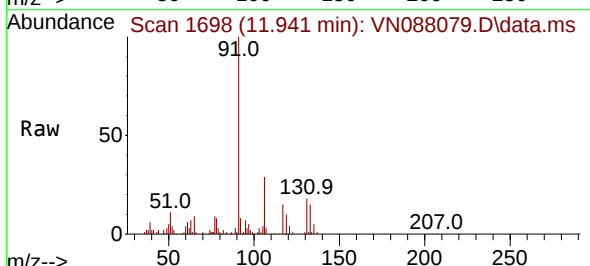
Tgt Ion:112 Resp: 60700
Ion Ratio Lower Upper
112 100
114 36.0 24.3 36.5

Manual Integrations
APPROVED

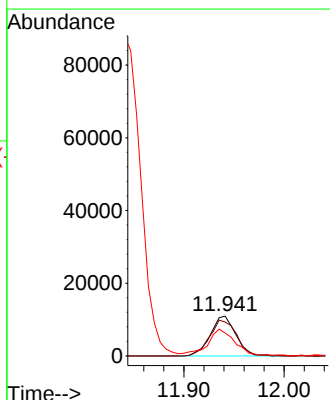
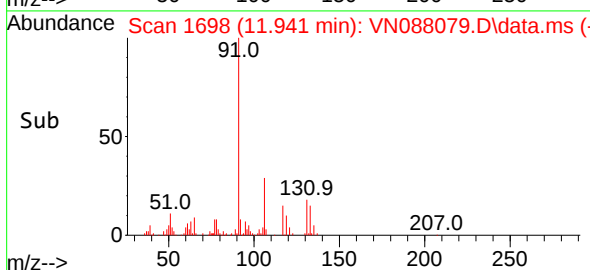
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

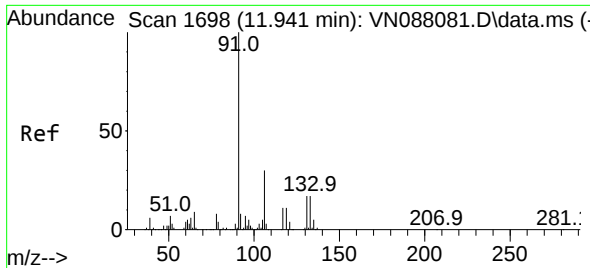


#66
1,1,1,2-Tetrachloroethane
Concen: 5.171 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



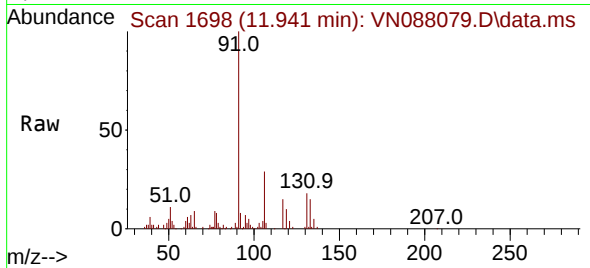
Tgt Ion:131 Resp: 19321
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 74.1 32.6 97.7





#67
Ethyl Benzene
Concen: 5.183 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

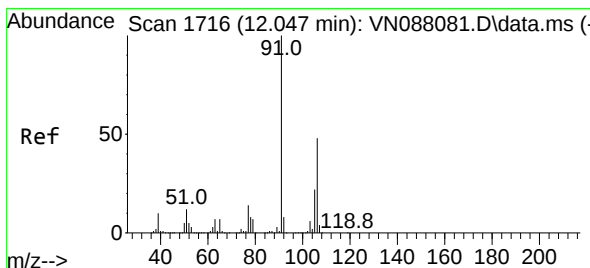
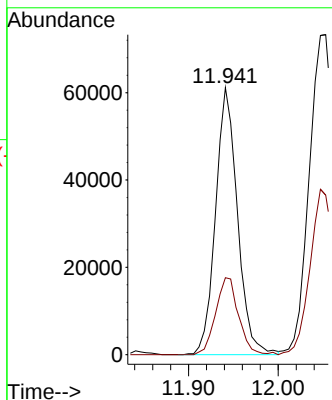
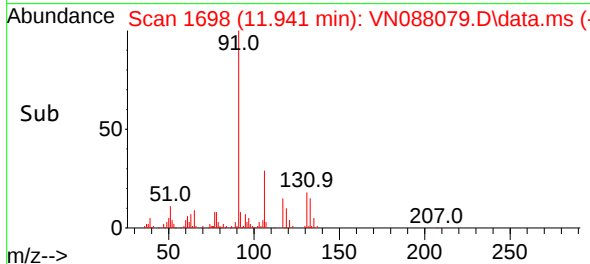
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



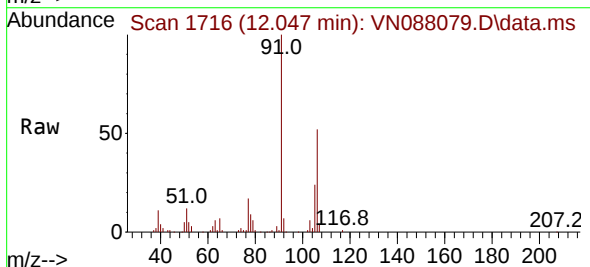
Tgt Ion: 91 Resp: 103750
Ion Ratio Lower Upper
91 100
106 28.8 24.1 36.1

Manual Integrations
APPROVED

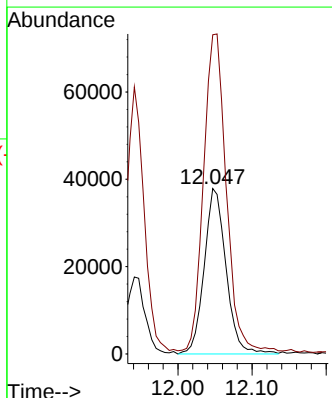
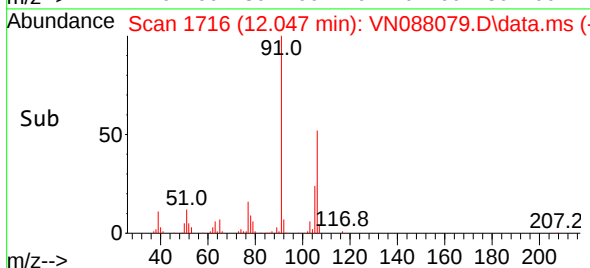
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

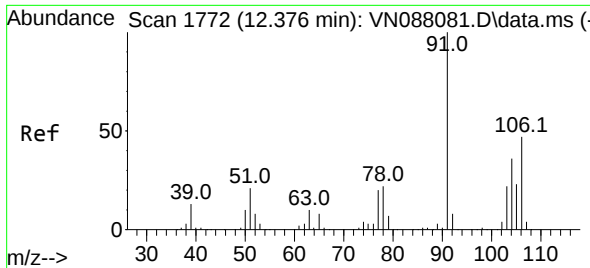


#68
m/p-Xylenes
Concen: 10.363 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



Tgt Ion:106 Resp: 77736
Ion Ratio Lower Upper
106 100
91 198.9 169.3 253.9





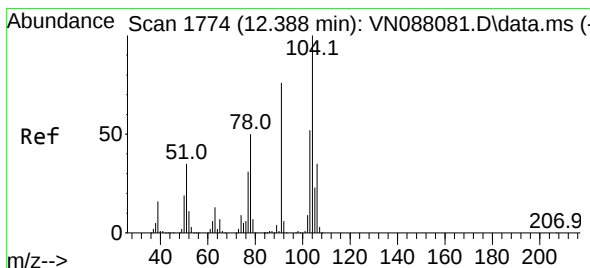
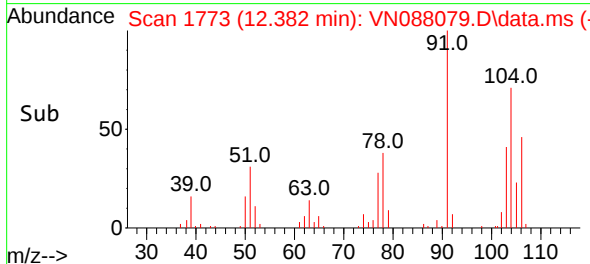
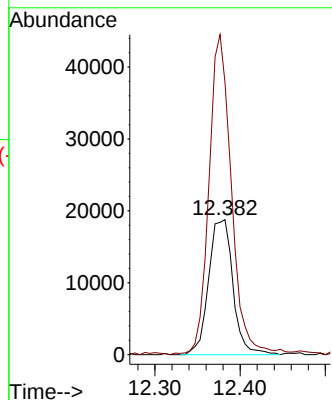
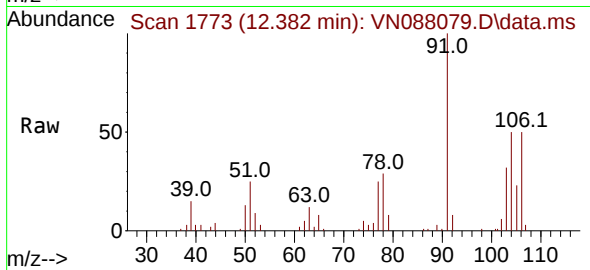
#69
o-Xylene
Concen: 5.239 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 3725
Ion Ratio Lower Upper
106 100
91 219.4 111.4 334.2

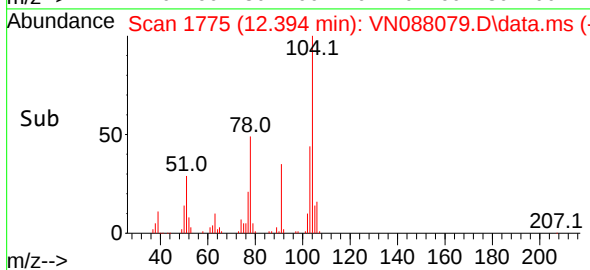
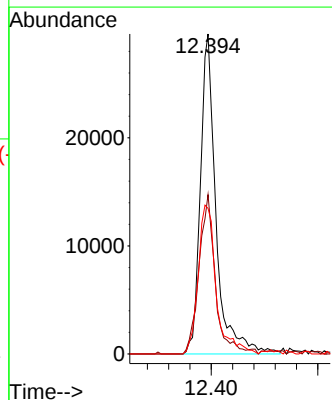
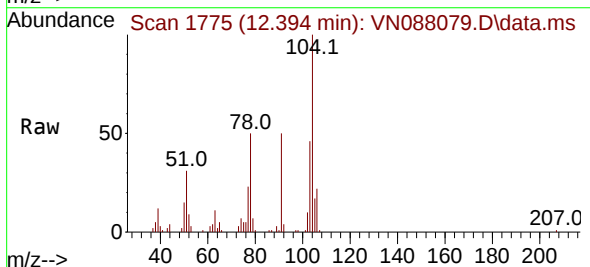
Manual Integrations
APPROVED

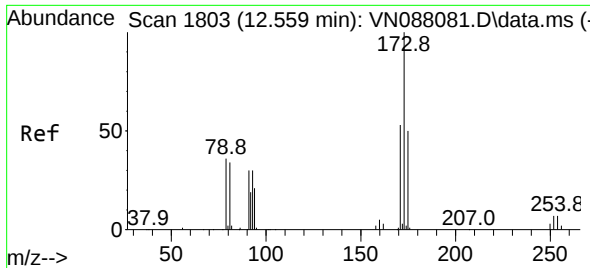
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 5.215 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

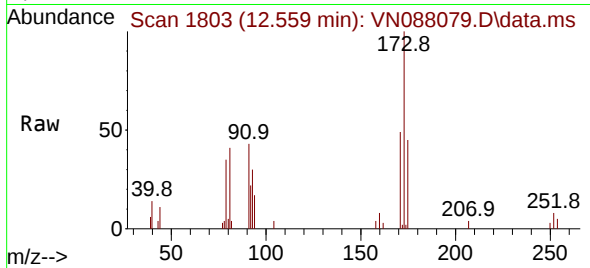
Tgt Ion:104 Resp: 60467
Ion Ratio Lower Upper
104 100
78 51.1 42.2 63.2
103 53.5 43.4 65.2





#71
Bromoform
Concen: 4.929 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

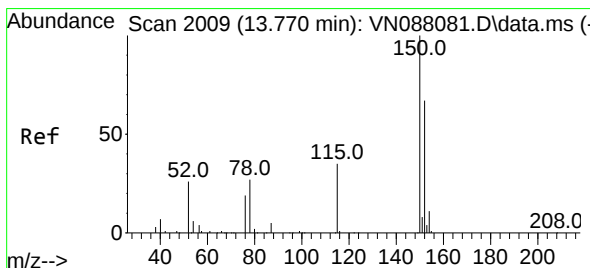
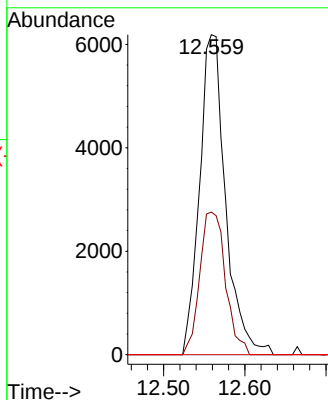
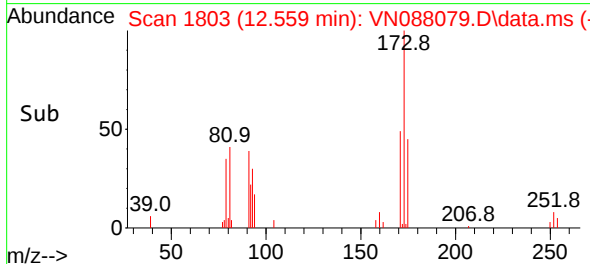
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



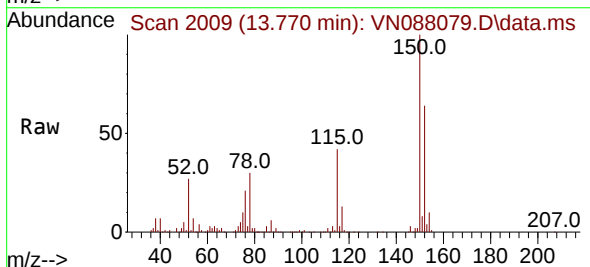
Tgt Ion:173 Resp: 13744
Ion Ratio Lower Upper
173 100
175 44.2 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

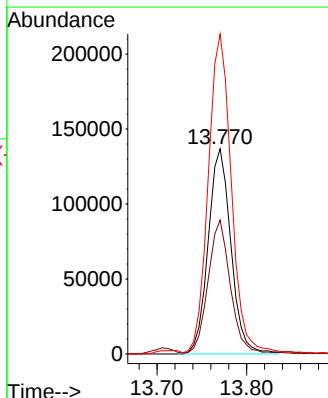
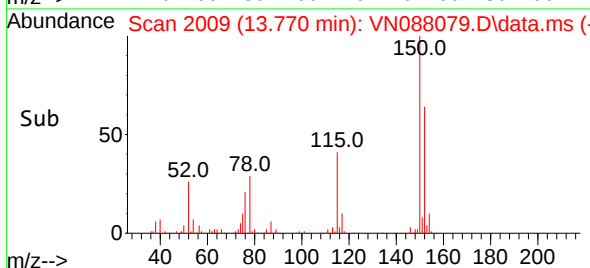
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

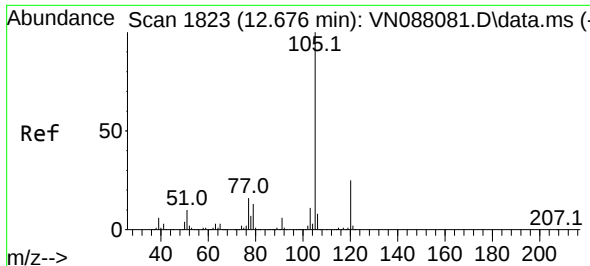


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



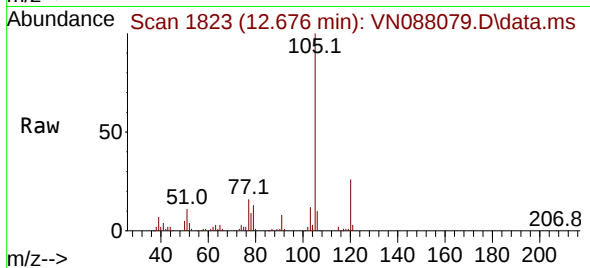
Tgt Ion:152 Resp: 241248
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 158.0 0.0 351.0





#73
Isopropylbenzene
Concen: 5.001 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

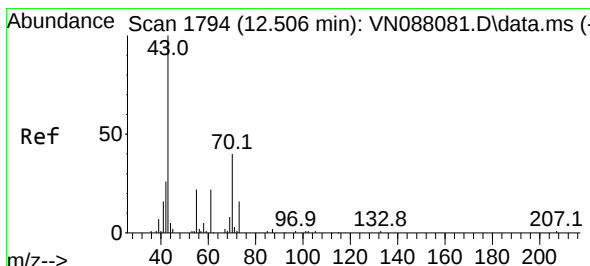
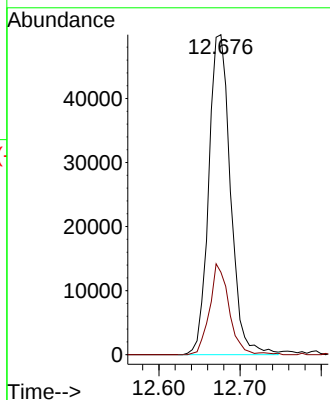
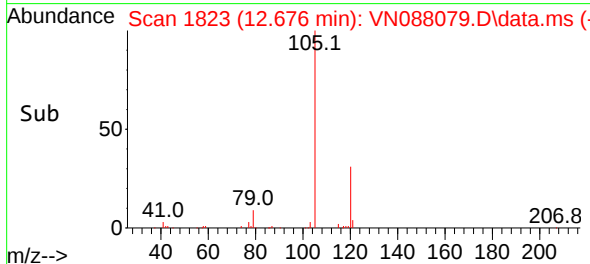
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



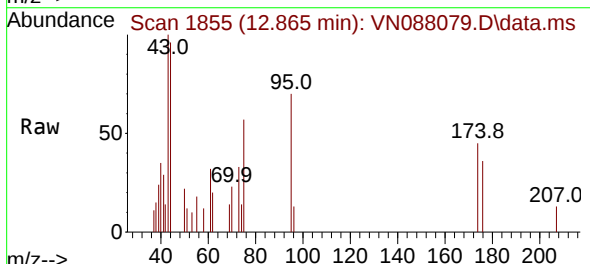
Tgt Ion: 105 Resp: 93050
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3

Manual Integrations
APPROVED

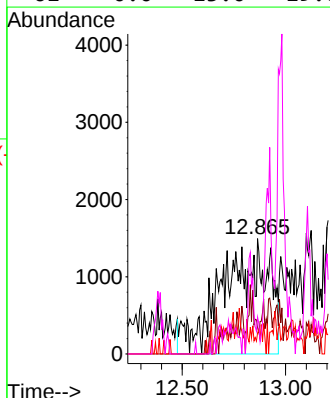
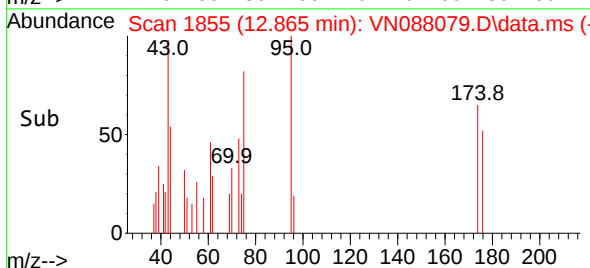
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

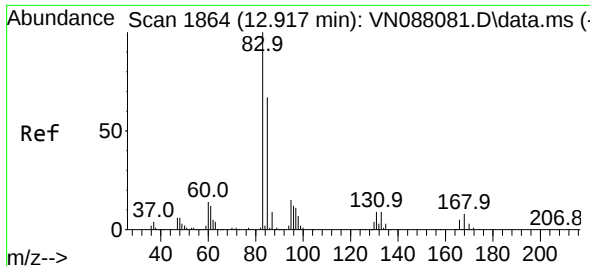


#74
N-ethyl acetate
Concen: 4.171 ug/l m
RT: 12.865 min Scan# 1855
Delta R.T. 0.365 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



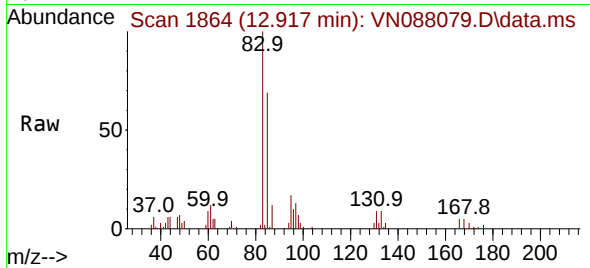
Tgt Ion: 43 Resp: 22461
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 0.0 13.0 19.6#
61 0.0 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 5.239 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

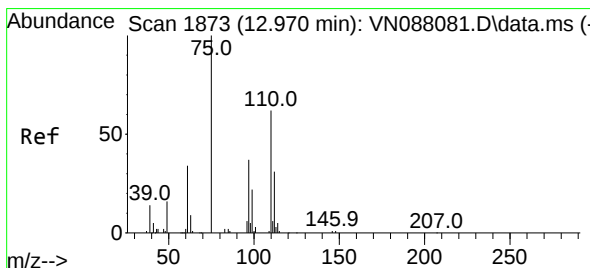
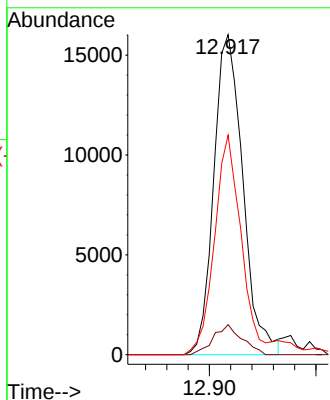
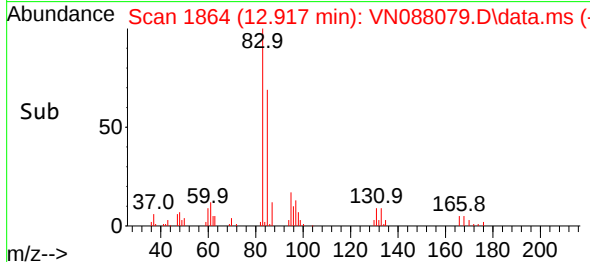
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 30348
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 62.5 32.1 96.3

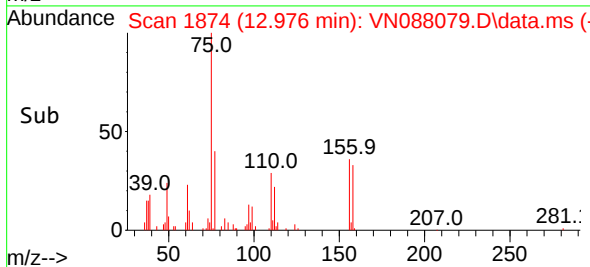
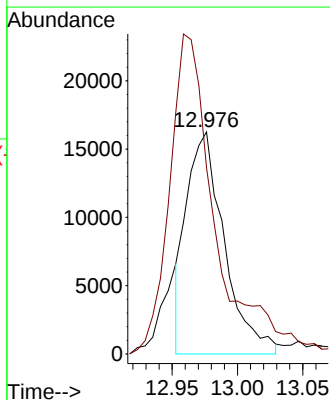
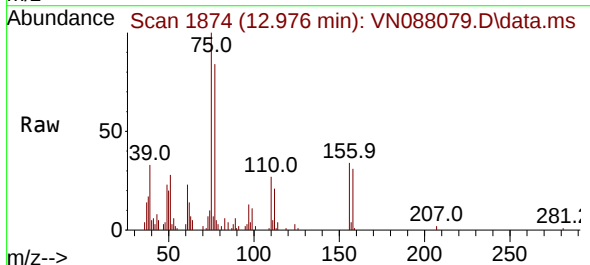
Manual Integrations
APPROVED

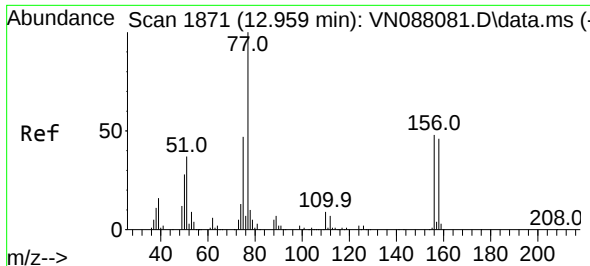
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 6.313 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 75 Resp: 32601
Ion Ratio Lower Upper
75 100
77 176.0 89.1 267.4





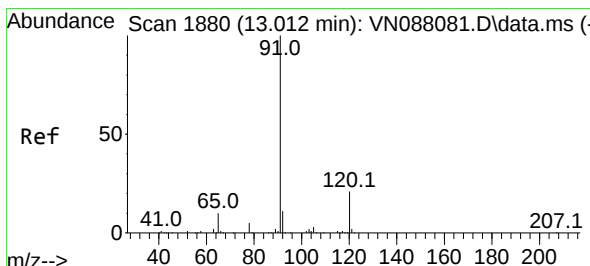
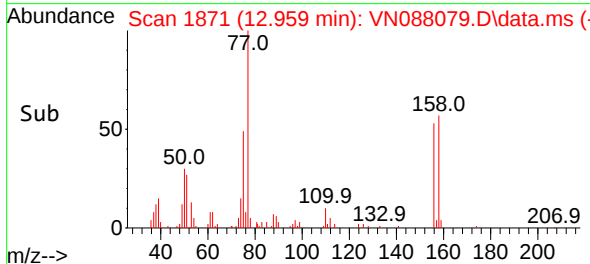
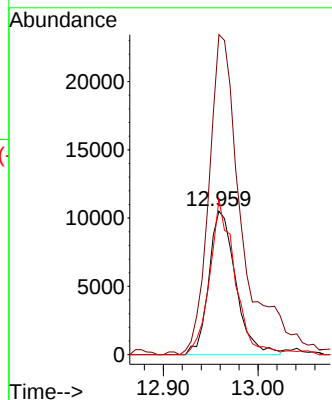
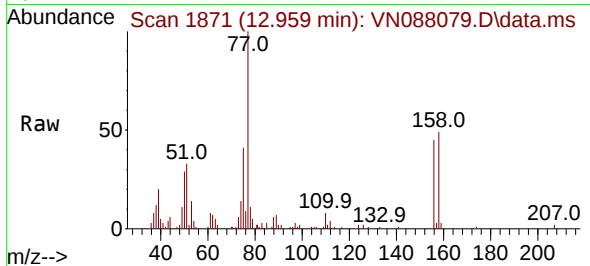
#77
Bromobenzene
Concen: 5.164 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 2072
Ion Ratio Lower Upper
156 100
77 276.9 119.3 358.0
158 101.3 48.2 144.6

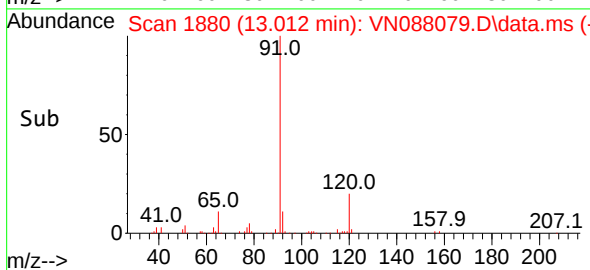
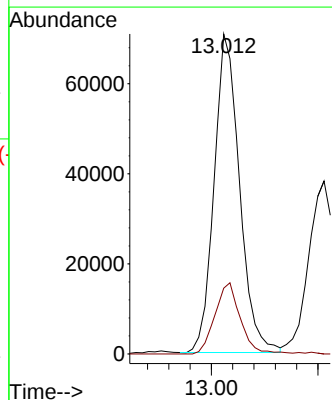
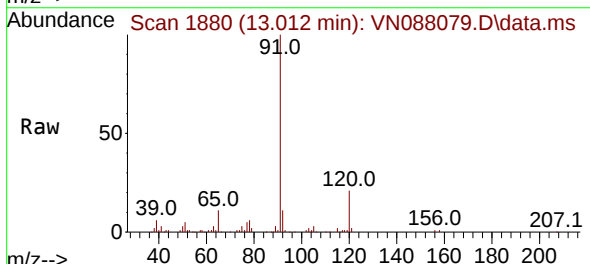
Manual Integrations
APPROVED

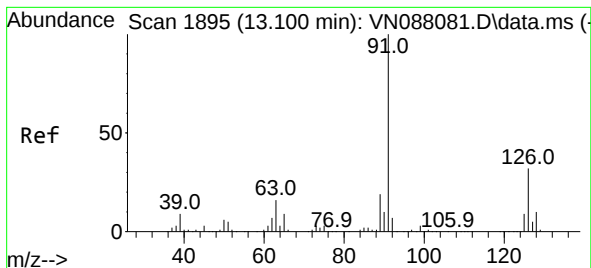
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#78
n-propylbenzene
Concen: 5.158 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion: 91 Resp: 117114
Ion Ratio Lower Upper
91 100
120 22.3 10.7 32.1





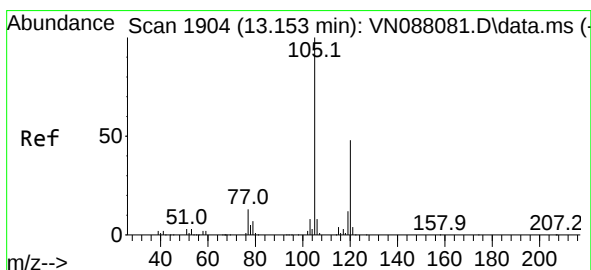
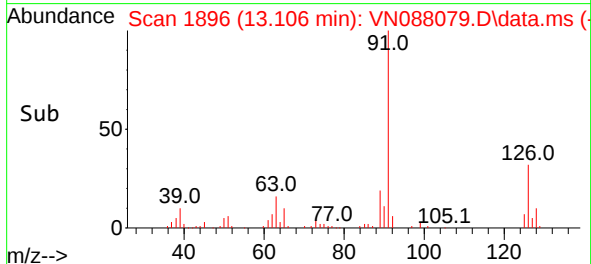
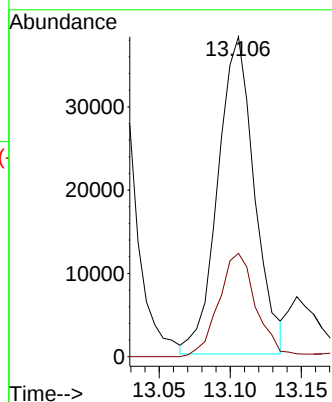
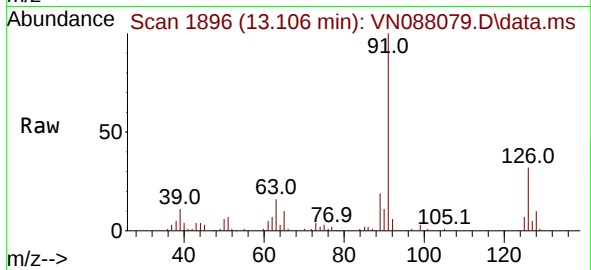
#79
2-Chlorotoluene
Concen: 5.278 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 68350
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.3

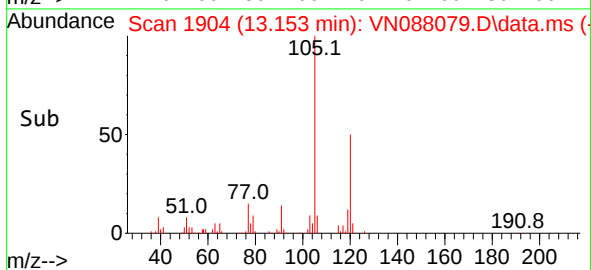
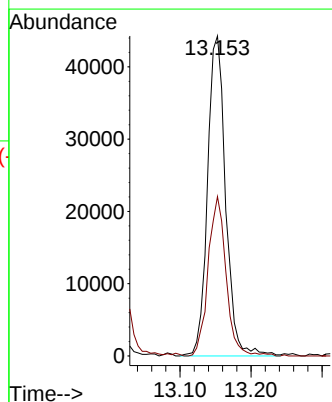
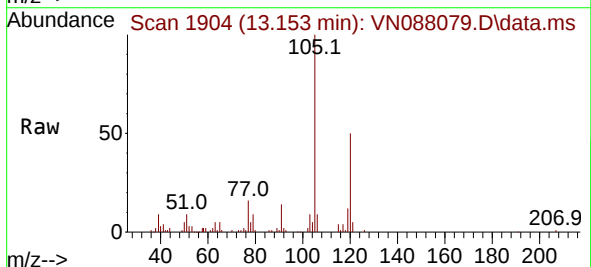
Manual Integrations
APPROVED

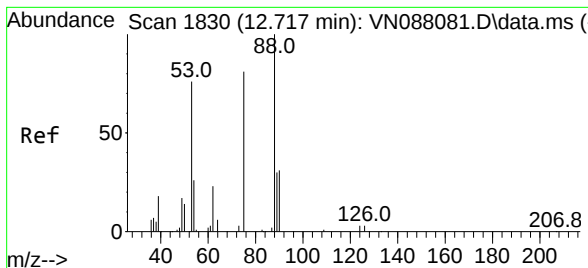
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.081 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion:105 Resp: 78511
Ion Ratio Lower Upper
105 100
120 49.4 23.2 69.6





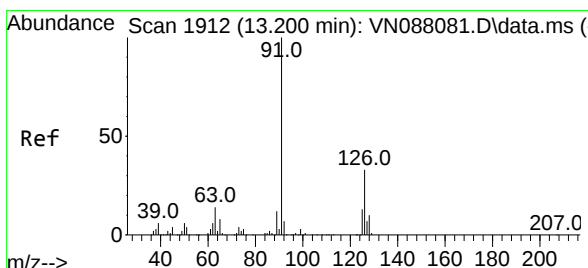
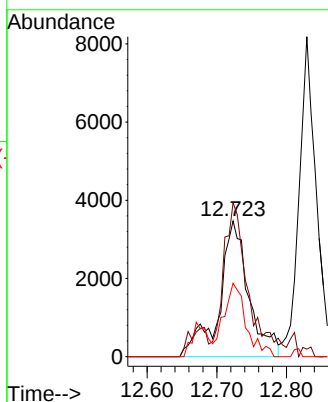
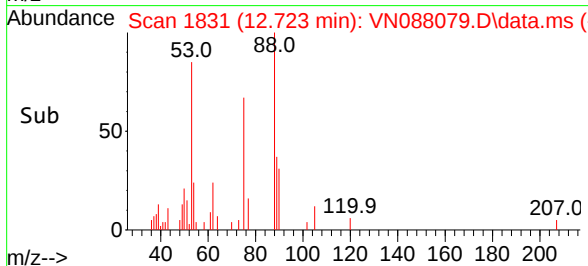
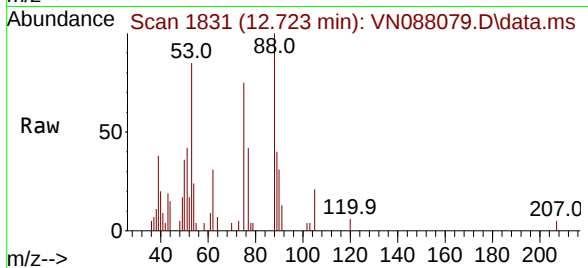
#81
trans-1,4-Dichloro-2-butene
Concen: 5.137 ug/l m
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1018
Ion Ratio Lower Upper
75 100
53 88.1 101.8 152.6
89 40.8 35.6 53.4

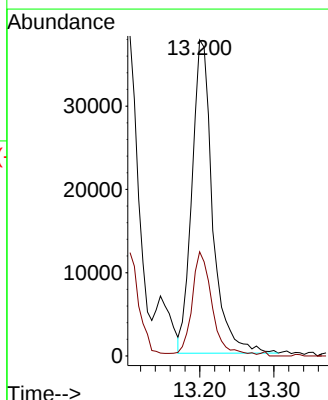
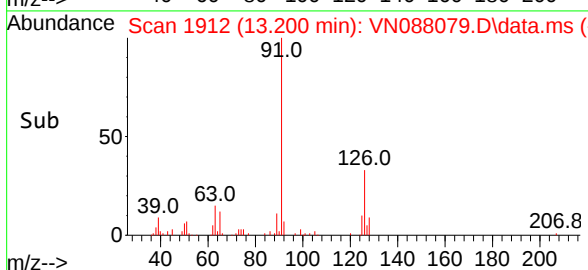
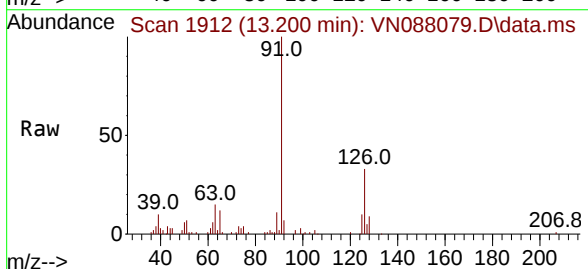
Manual Integrations
APPROVED

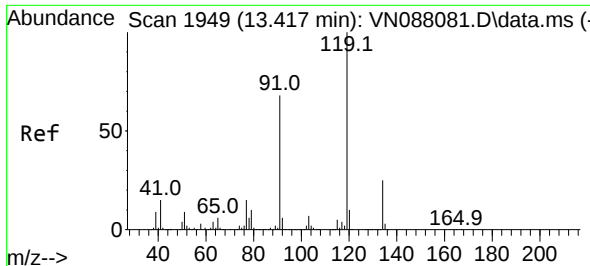
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#82
4-Chlorotoluene
Concen: 5.199 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

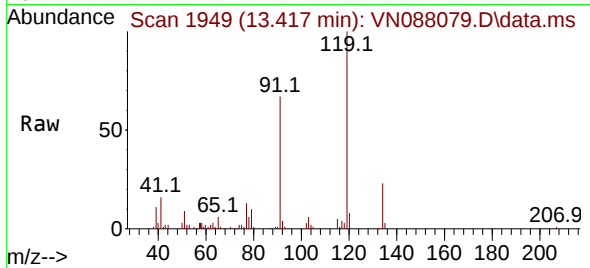
Tgt Ion: 91 Resp: 72836
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8





#83
tert-Butylbenzene
Concen: 5.025 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

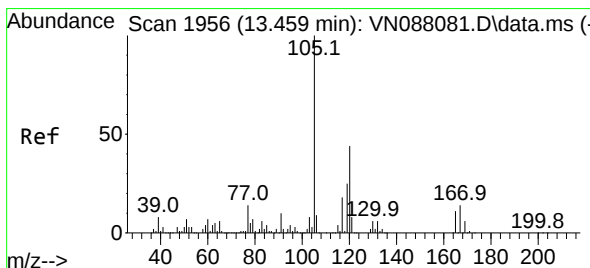
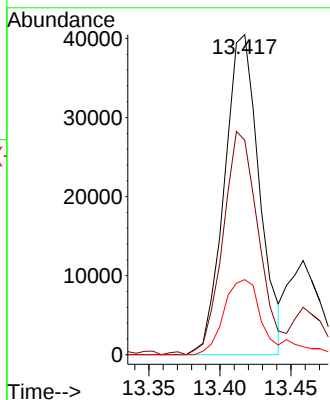
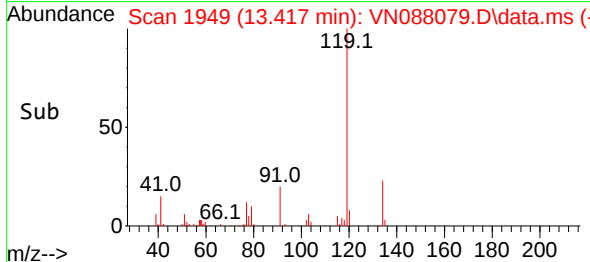
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



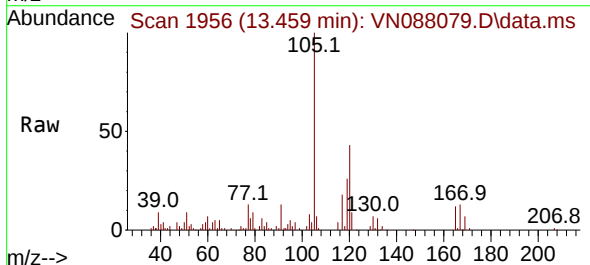
Tgt Ion:119 Resp: 6937
Ion Ratio Lower Upper
119 100
91 71.6 35.0 105.0
134 27.3 12.6 37.8

Manual Integrations
APPROVED

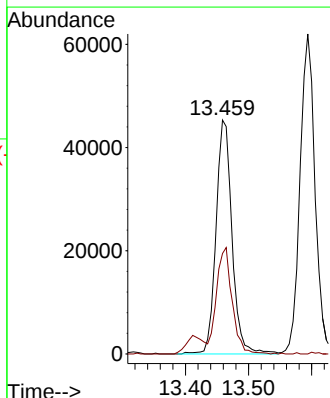
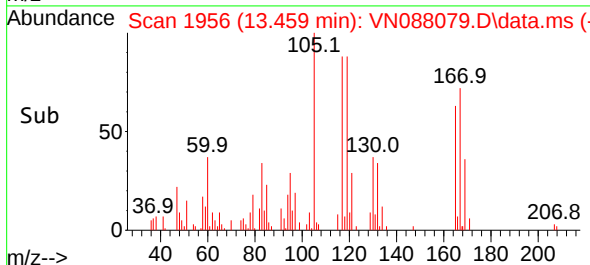
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

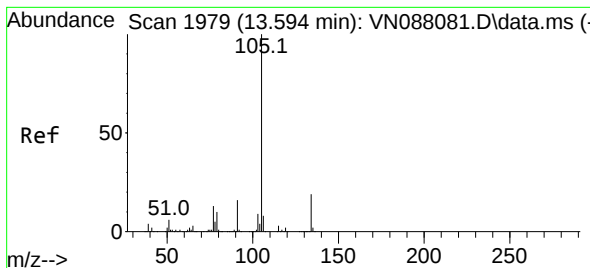


#84
1,2,4-Trimethylbenzene
Concen: 5.175 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38



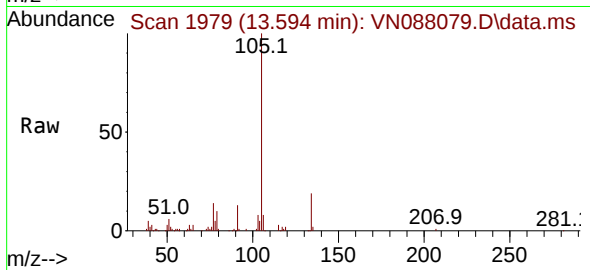
Tgt Ion:105 Resp: 80008
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 5.083 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

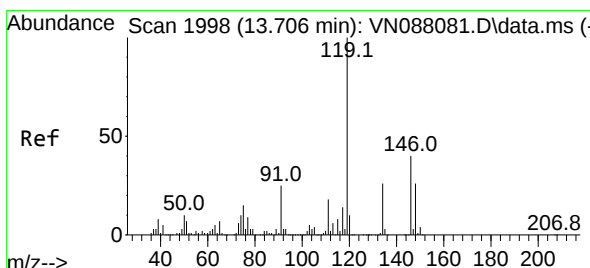
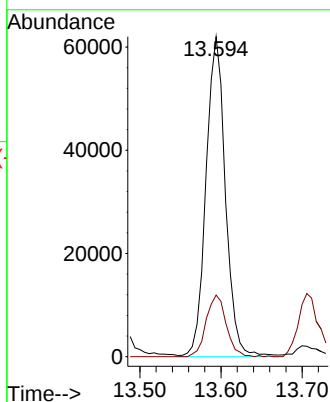
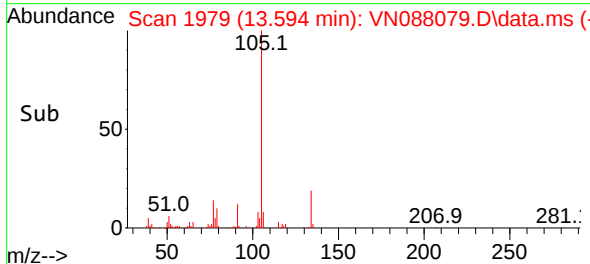
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



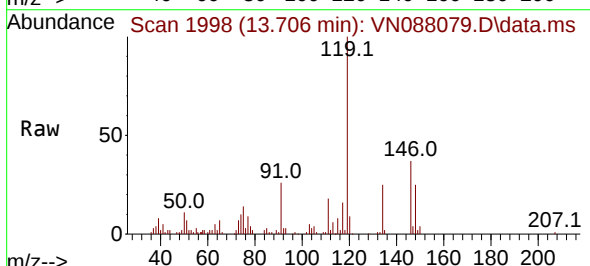
Tgt Ion:105 Resp: 103097
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.6

Manual Integrations
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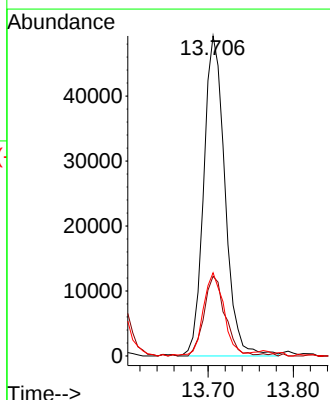
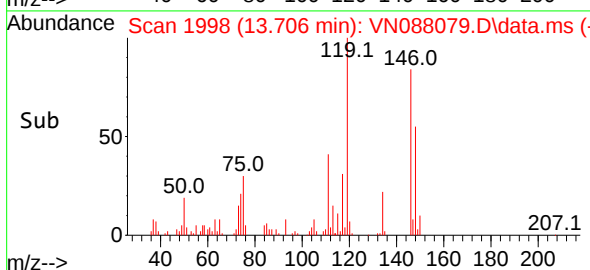
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

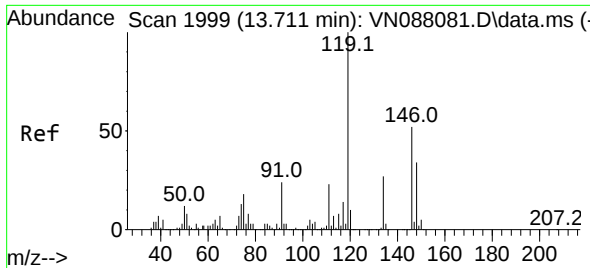


#86
 p-Isopropyltoluene
 Concen: 5.250 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38



Tgt Ion:119 Resp: 85421
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.0
 91 25.4 12.5 37.5





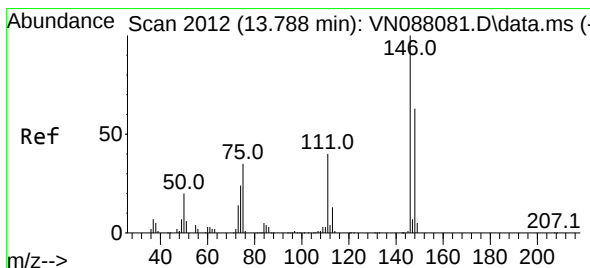
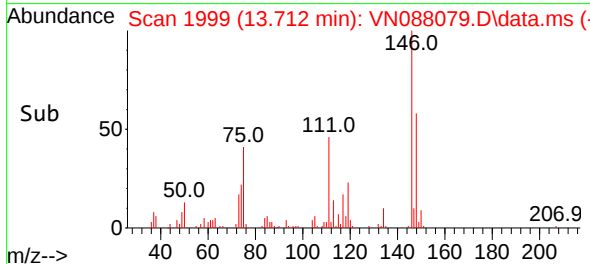
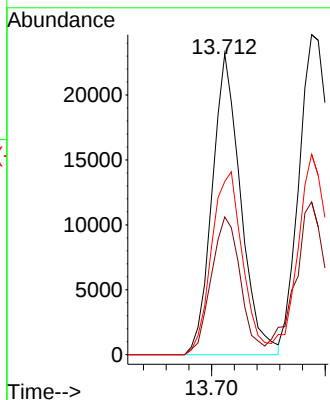
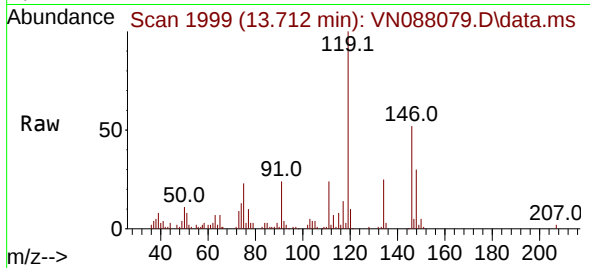
#87
1,3-Dichlorobenzene
Concen: 5.039 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 40364
Ion Ratio Lower Upper
146 100
111 47.2 22.1 66.5
148 66.5 32.0 96.2

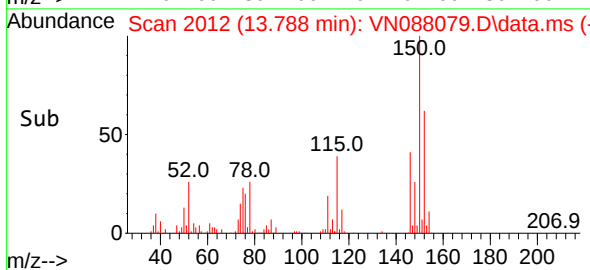
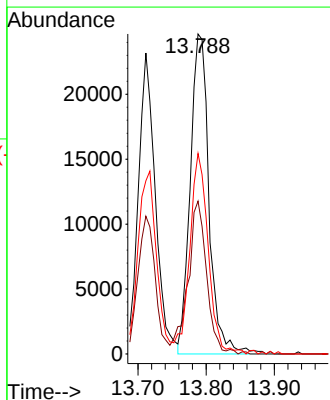
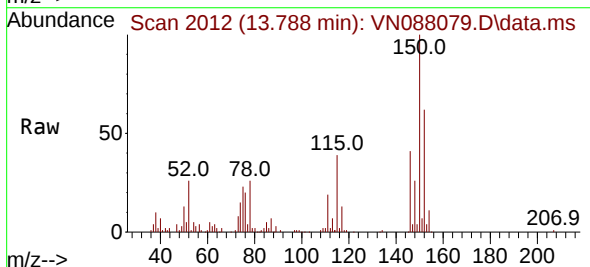
Manual Integrations
APPROVED

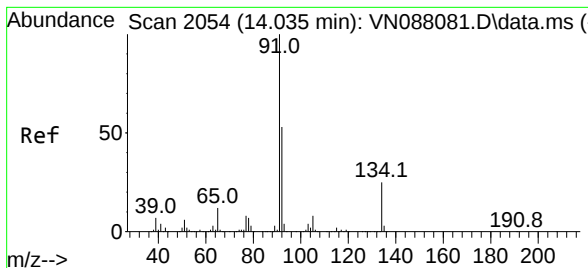
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#88
1,4-Dichlorobenzene
Concen: 5.462 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088079.D
Acq: 23 Oct 2025 10:38

Tgt Ion:146 Resp: 47112
Ion Ratio Lower Upper
146 100
111 47.3 21.0 63.0
148 61.5 32.0 96.0





#89

n-Butylbenzene

Concen: 5.146 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

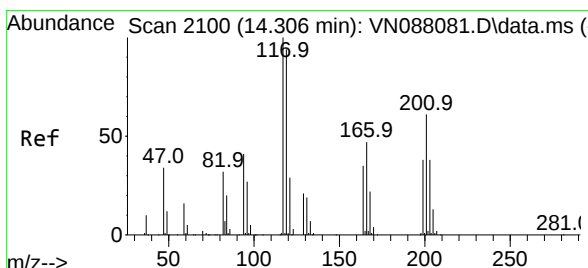
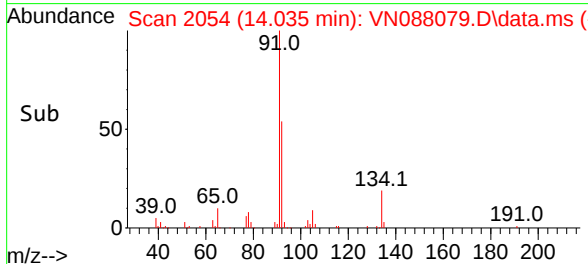
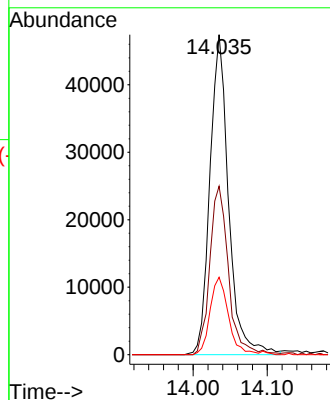
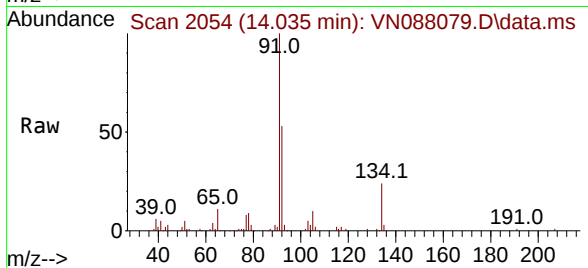
Tgt Ion:	91	Resp:	8293
Ion Ratio	Lower	Upper	
91	100		
92	52.7	25.9	77.8
134	23.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#90

Hexachloroethane

Concen: 5.202 ug/l

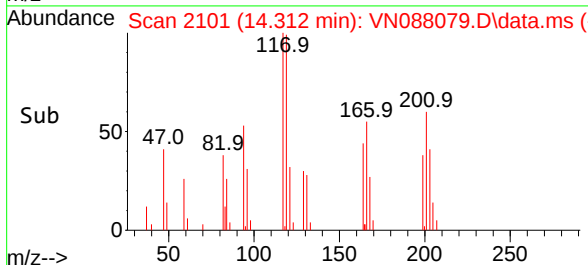
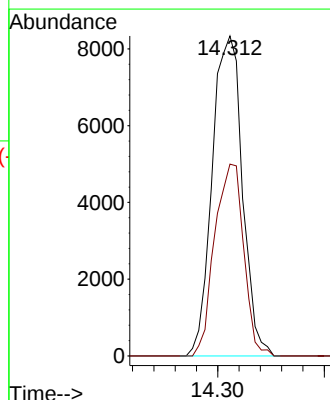
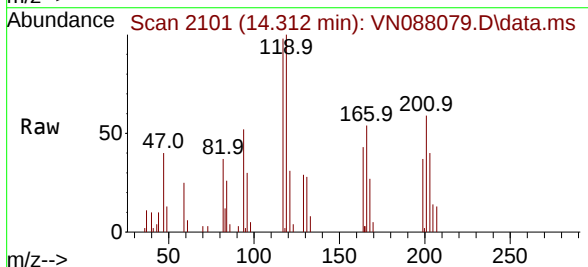
RT: 14.312 min Scan# 2101

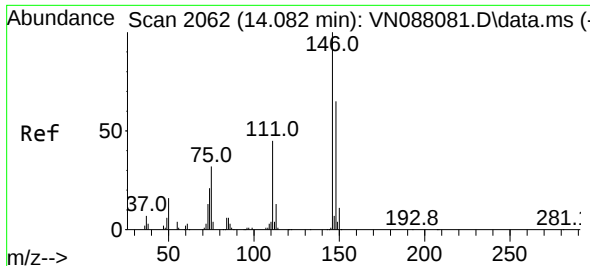
Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

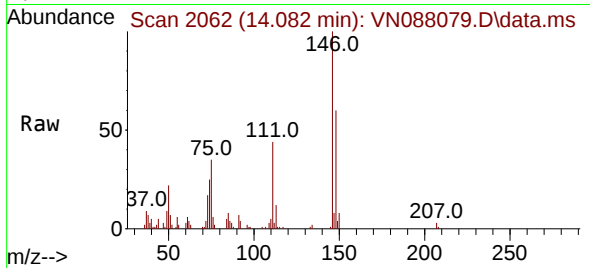
Tgt Ion:	117	Resp:	16391
Ion Ratio	Lower	Upper	
117	100		
201	57.6	29.1	87.4





#91
 1,2-Dichlorobenzene
 Concen: 5.162 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38

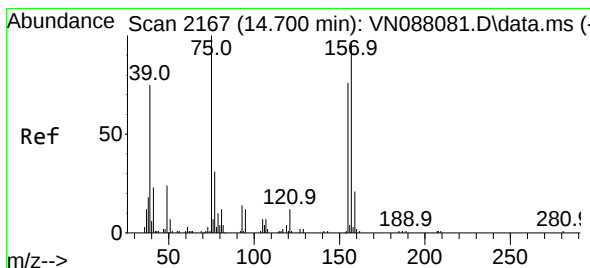
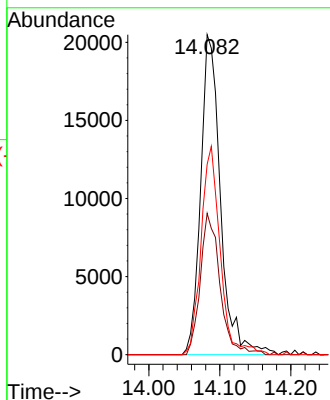
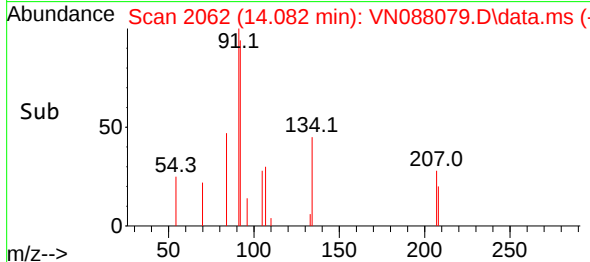
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



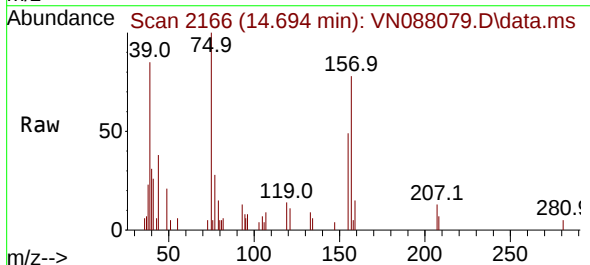
Tgt Ion:146 Resp: 3985
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.6 67.8
 148 62.8 31.9 95.9

Manual Integrations
 APPROVED

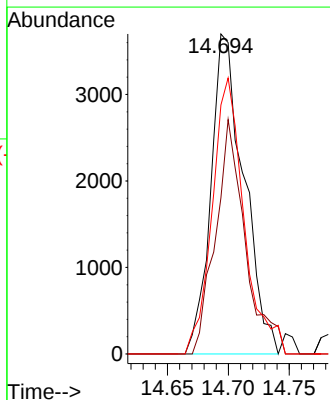
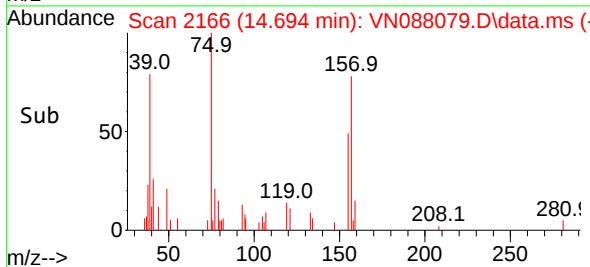
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

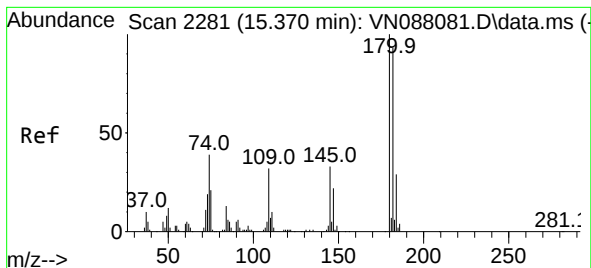


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.165 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088079.D
 Acq: 23 Oct 2025 10:38



Tgt Ion: 75 Resp: 6964
 Ion Ratio Lower Upper
 75 100
 155 66.1 36.6 109.9
 157 83.5 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 5.036 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

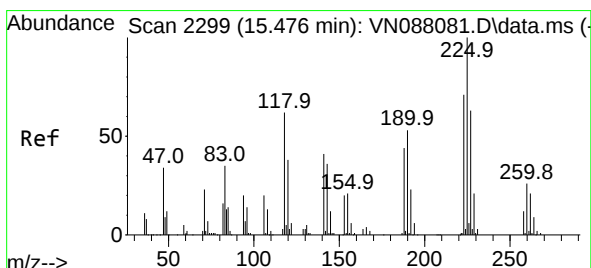
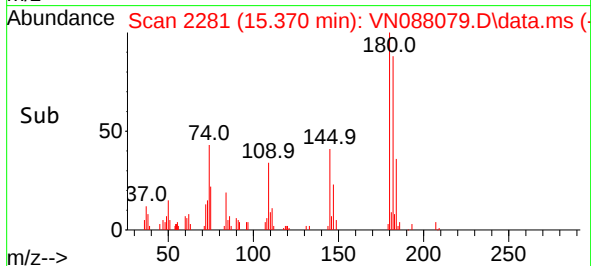
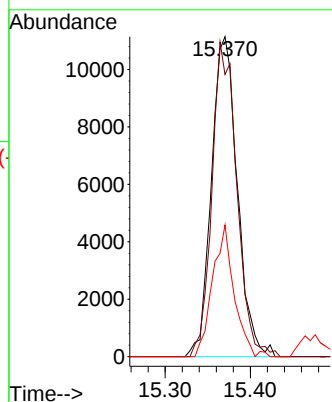
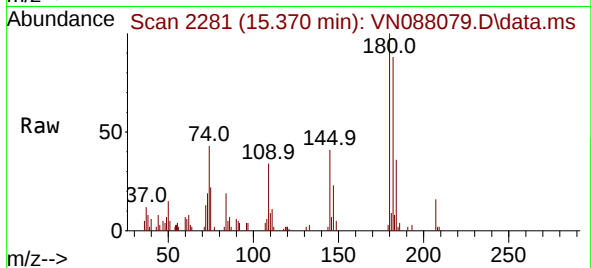
Tgt Ion:	180	Resp:	2354
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.6	142.9
145	34.4	16.5	49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#94

Hexachlorobutadiene

Concen: 5.185 ug/l

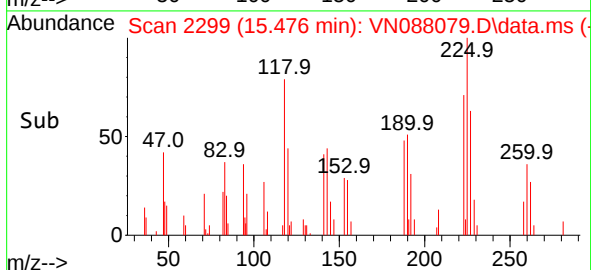
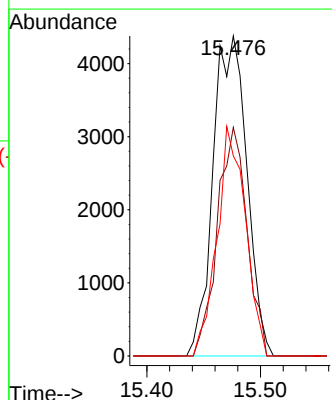
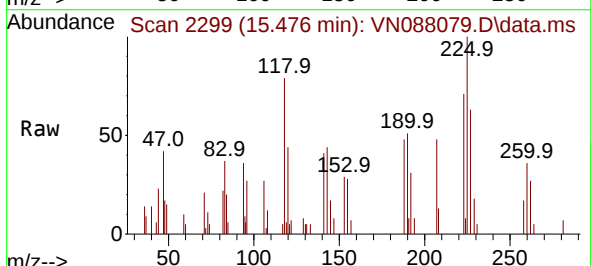
RT: 15.476 min Scan# 2299

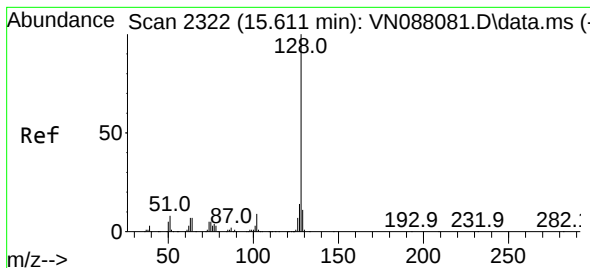
Delta R.T. -0.000 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Tgt Ion:	225	Resp:	9028
Ion Ratio	Lower	Upper	
225	100		
223	62.8	32.0	96.2
227	60.4	32.1	96.5





#95

Naphthalene

Concen: 4.684 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

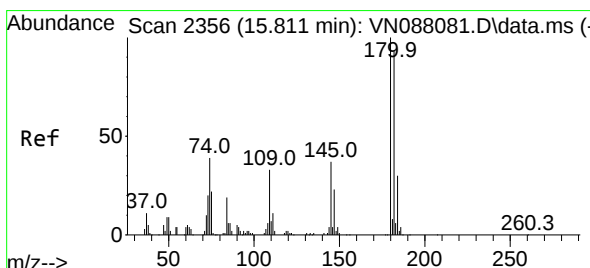
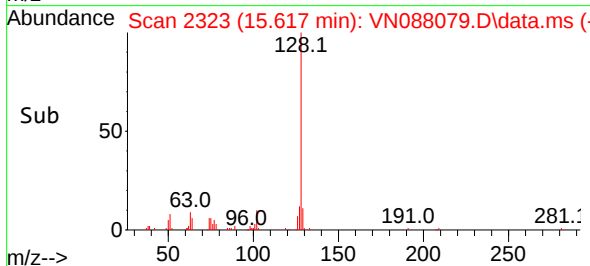
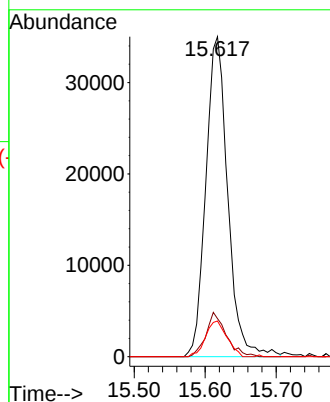
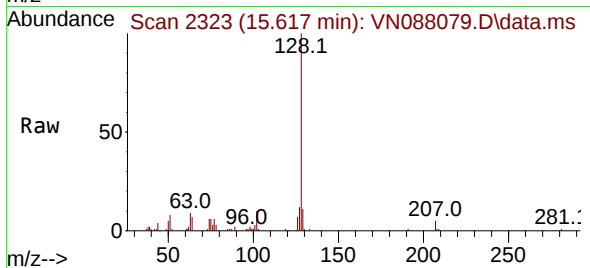
Tgt Ion:	128	Resp:	7503
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	15.8
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.812 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN088079.D

Acq: 23 Oct 2025 10:38

Tgt Ion:	180	Resp:	21577
Ion Ratio	Lower	Upper	
180	100		
182	99.0	46.8	140.3
145	39.3	17.3	52.0

