

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088309.D
 Acq On : 18 Nov 2025 11:35
 Operator : JC\MD
 Sample : VN1118WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Quant Time: Nov 19 03:32:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	231884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	417439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	375508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	187417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	216152	53.906	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.820%			
35) Dibromofluoromethane	8.153	113	151108	53.883	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.760%			
50) Toluene-d8	10.547	98	537465	49.739	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.829	95	186317	48.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	46420	17.747	ug/l	100
3) Chloromethane	2.383	50	60929	19.800	ug/l	93
4) Vinyl Chloride	2.536	62	65220	19.452	ug/l	95
5) Bromomethane	2.983	94	39178	19.536	ug/l	99
6) Chloroethane	3.142	64	43209	17.887	ug/l	97
7) Trichlorofluoromethane	3.512	101	100965	18.880	ug/l	97
8) Diethyl Ether	3.965	74	39292	19.769	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	55247	20.021	ug/l	97
10) Methyl Iodide	4.589	142	51559	20.445	ug/l	98
11) Tert butyl alcohol	5.518	59	71859	104.024	ug/l	100
12) 1,1-Dichloroethene	4.336	96	51966	17.830	ug/l	95
13) Acrolein	4.177	56	73590	94.708	ug/l	99
14) Allyl chloride	5.018	41	99091	19.397	ug/l	98
15) Acrylonitrile	5.706	53	219566	116.685	ug/l	97
16) Acetone	4.418	43	217438	107.939	ug/l	98
17) Carbon Disulfide	4.712	76	153417	17.316	ug/l	99
18) Methyl Acetate	5.018	43	103709	25.147	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	224583	20.982	ug/l	96
20) Methylene Chloride	5.265	84	71143	21.039	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	61782	19.312	ug/l	96
22) Diisopropyl ether	6.653	45	241218	22.453	ug/l	97
23) Vinyl Acetate	6.594	43	1083238	111.934	ug/l	98
24) 1,1-Dichloroethane	6.553	63	131559	22.106	ug/l	98
25) 2-Butanone	7.471	43	306392	115.413	ug/l	100
26) 2,2-Dichloropropane	7.477	77	109455	20.239	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	74804	20.311	ug/l	93
28) Bromochloromethane	7.794	49	58581	20.833	ug/l	99
29) Tetrahydrofuran	7.824	42	194697	112.535	ug/l	98
30) Chloroform	7.941	83	134961	22.700	ug/l	92
31) Cyclohexane	8.235	56	107784	19.203	ug/l	94
32) 1,1,1-Trichloroethane	8.147	97	110672	20.900	ug/l	98
36) 1,1-Dichloropropene	8.353	75	83798	20.465	ug/l	97
37) Ethyl Acetate	7.547	43	122322	23.149	ug/l	99
38) Carbon Tetrachloride	8.347	117	94344	22.308	ug/l	98
39) Methylcyclohexane	9.582	83	93352	17.737	ug/l	95
40) Benzene	8.588	78	270790	21.715	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	61906	22.259	ug/l	98
42) 1,2-Dichloroethane	8.653	62	108720	24.537	ug/l	99
43) Isopropyl Acetate	8.671	43	191377	23.569	ug/l	100
44) Trichloroethene	9.335	130	62398	21.407	ug/l	95
45) 1,2-Dichloropropane	9.600	63	73974	23.497	ug/l	98
46) Dibromomethane	9.688	93	53891	24.001	ug/l	98
47) Bromodichloromethane	9.865	83	110027	24.475	ug/l	96
48) Methyl methacrylate	9.659	41	86610	23.104	ug/l	97
49) 1,4-Dioxane	9.677	88	22920	491.588	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	605325	126.017	ug/l	100
52) Toluene	10.606	92	164650	21.415	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	108779	22.735	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	115610	22.771	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	68377	23.441	ug/l	95
56) Ethyl methacrylate	10.853	69	102978	22.309	ug/l	97
57) 1,3-Dichloropropane	11.141	76	119234	23.256	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	242746	101.099	ug/l	100
59) 2-Hexanone	11.176	43	381411	119.694	ug/l	99
60) Dibromochloromethane	11.335	129	77397	23.345	ug/l	100
61) 1,2-Dibromoethane	11.447	107	68694	22.883	ug/l	100
64) Tetrachloroethene	11.082	164	48910	19.746	ug/l	94
65) Chlorobenzene	11.871	112	184250	21.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	62830	22.492	ug/l	97
67) Ethyl Benzene	11.941	91	310154	20.723	ug/l	99
68) m/p-Xylenes	12.047	106	227561	40.579	ug/l	100
69) o-Xylene	12.376	106	108461	20.403	ug/l	100
70) Styrene	12.394	104	189472	21.857	ug/l	99
71) Bromoform	12.559	173	47975	23.013	ug/l #	98
73) Isopropylbenzene	12.676	105	288865	19.984	ug/l	99
74) N-amyl acetate	12.588	43	90678m	22.098	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	110166	24.480	ug/l	96
76) 1,2,3-Trichloropropane	12.970	75	103208m	24.086	ug/l	
77) Bromobenzene	12.959	156	69643	22.342	ug/l	99
78) n-propylbenzene	13.012	91	360277	20.424	ug/l	99
79) 2-Chlorotoluene	13.106	91	214714	21.344	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	243644	20.295	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	29249	19.041	ug/l #	88
82) 4-Chlorotoluene	13.200	91	222948	20.484	ug/l	100
83) tert-Butylbenzene	13.418	119	209137	19.502	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	250392	20.847	ug/l	99
85) sec-Butylbenzene	13.594	105	307322	19.505	ug/l	100
86) p-Isopropyltoluene	13.706	119	249158	19.713	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	134433	21.604	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	135899	20.334	ug/l	98
89) n-Butylbenzene	14.035	91	247997	19.808	ug/l	98
90) Hexachloroethane	14.312	117	50313	20.556	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	130312	21.725	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23882	22.800	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	72895	20.067	ug/l	99
94) Hexachlorobutadiene	15.470	225	29290	21.652	ug/l	98
95) Naphthalene	15.617	128	244096	19.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	71625	20.564	ug/l	99

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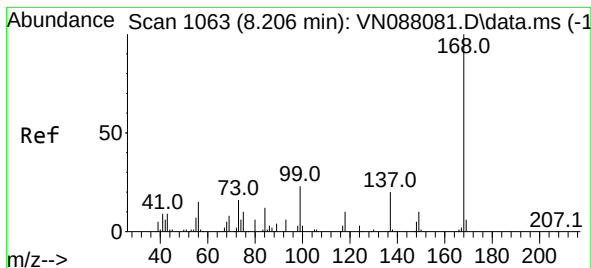
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

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Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

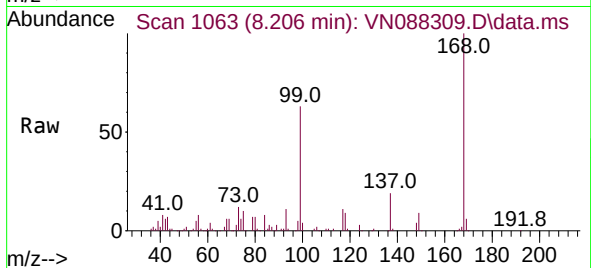
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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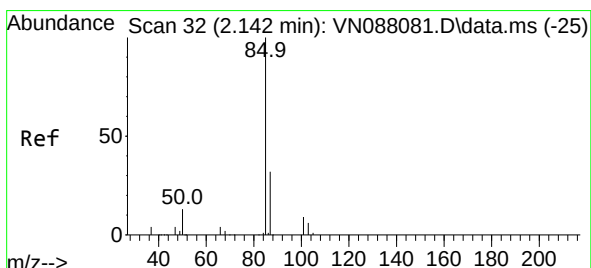
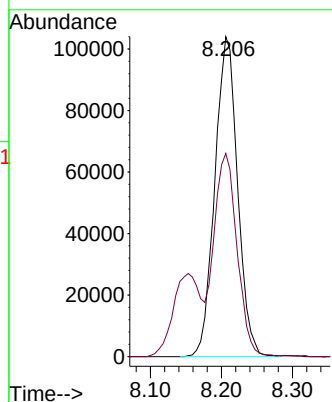
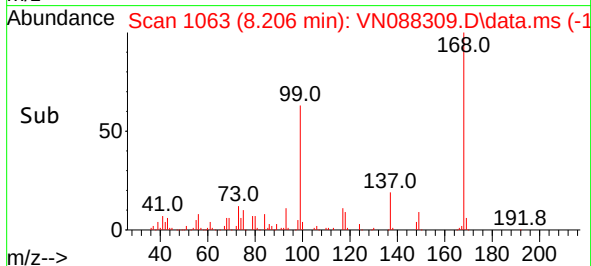
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion:168 Resp: 231884
Ion Ratio Lower Upper
168 100
99 63.2 57.2 85.8

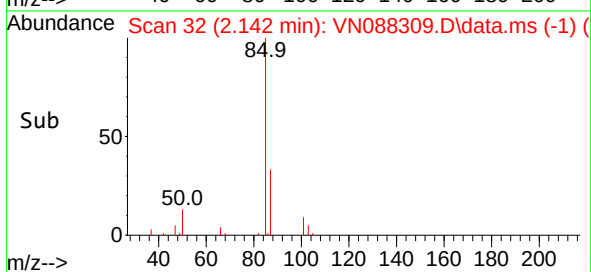
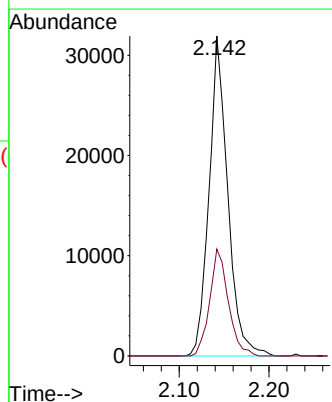
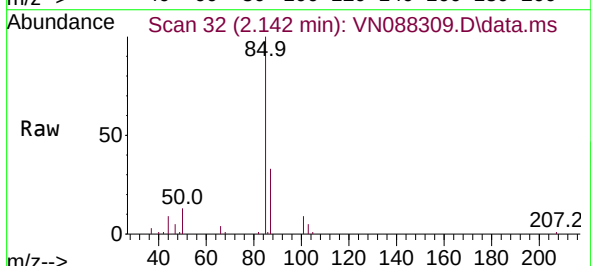
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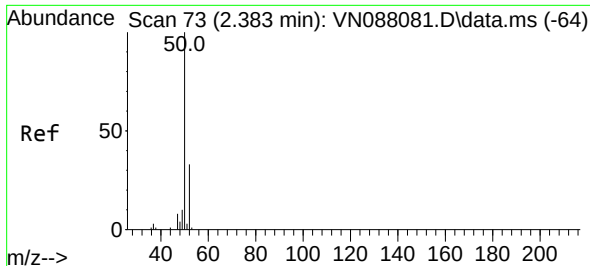
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#2
Dichlorodifluoromethane
Concen: 17.747 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

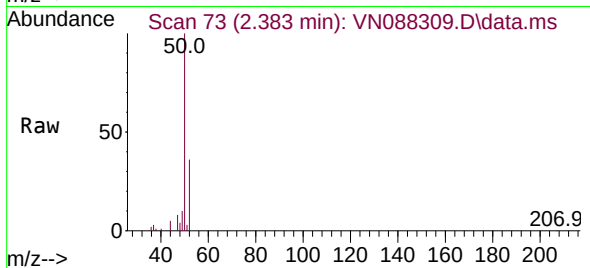
Tgt Ion: 85 Resp: 46420
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.8





#3
Chloromethane
Concen: 19.800 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

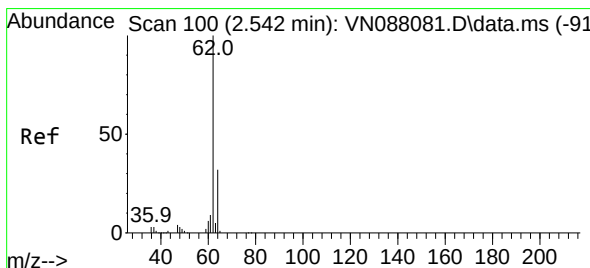
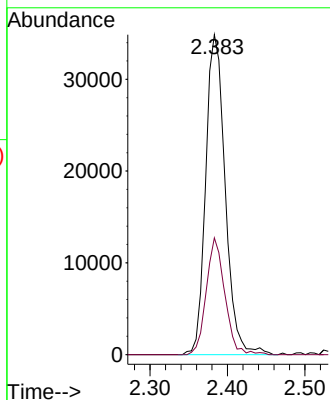
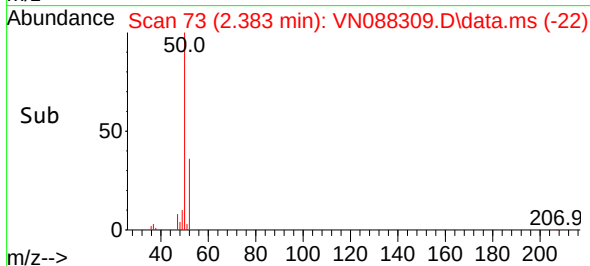
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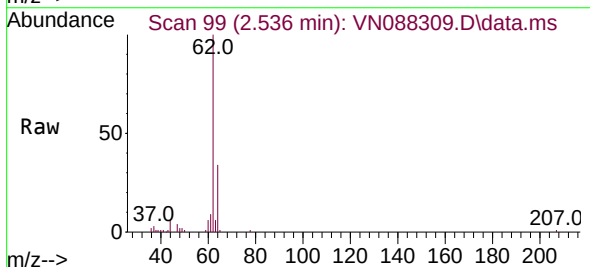
Tgt Ion: 50 Resp: 60929
Ion Ratio Lower Upper
50 100
52 36.5 26.2 39.4

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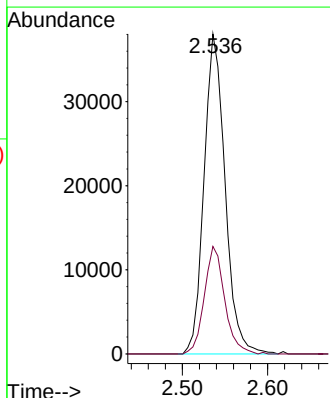
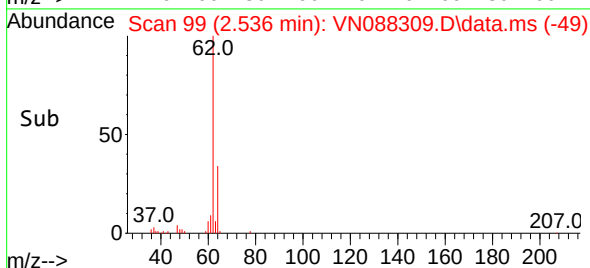
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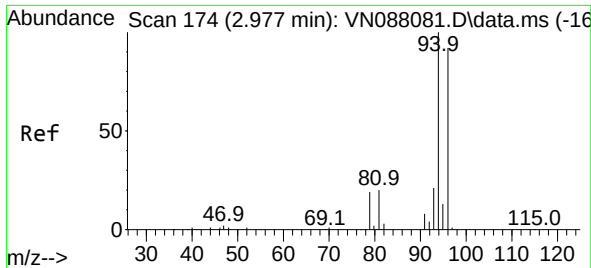


#4
Vinyl Chloride
Concen: 19.452 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



Tgt Ion: 62 Resp: 65220
Ion Ratio Lower Upper
62 100
64 33.6 24.6 37.0





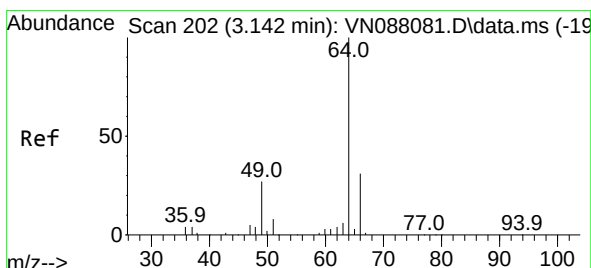
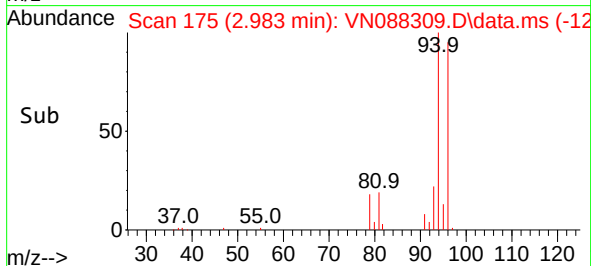
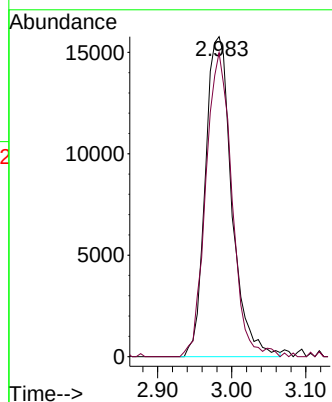
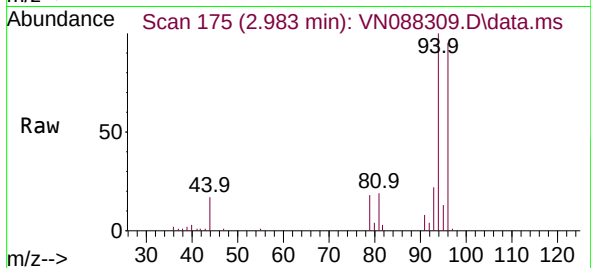
#5
Bromomethane
Concen: 19.536 ug/l
RT: 2.983 min Scan# 174
Delta R.T. 0.012 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 39178
Ion Ratio Lower Upper
94 100
96 95.0 75.4 113.2

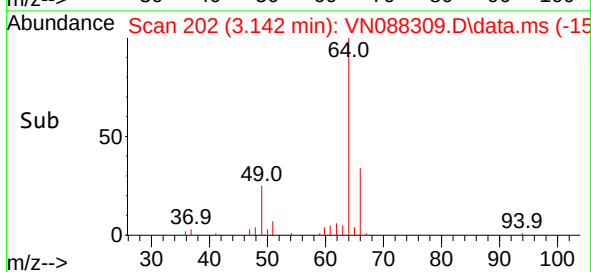
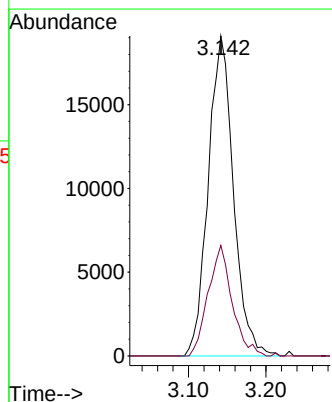
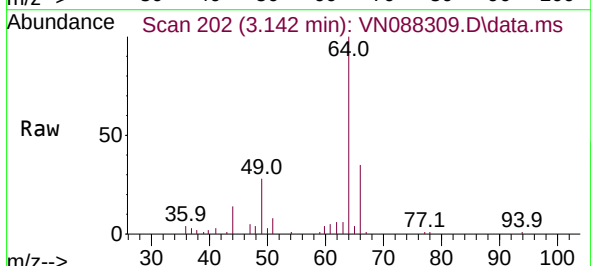
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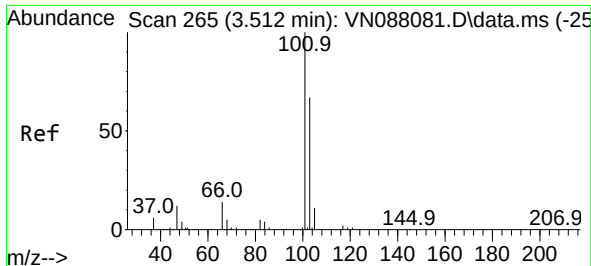
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#6
Chloroethane
Concen: 17.887 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

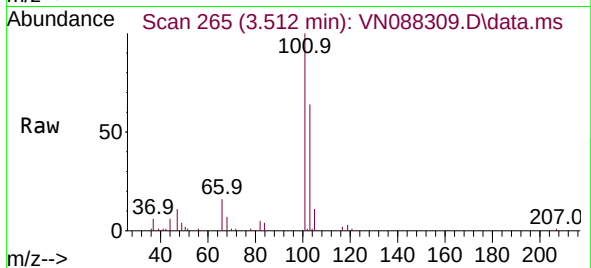
Tgt Ion: 64 Resp: 43209
Ion Ratio Lower Upper
64 100
66 34.5 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 18.880 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

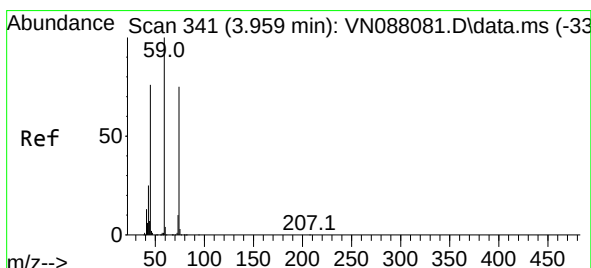
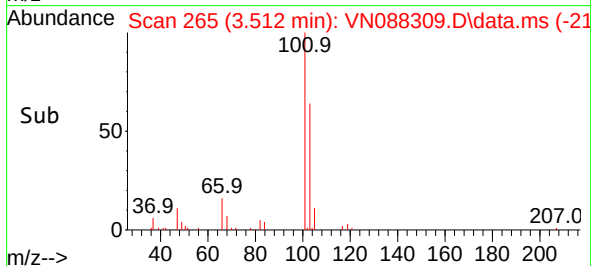
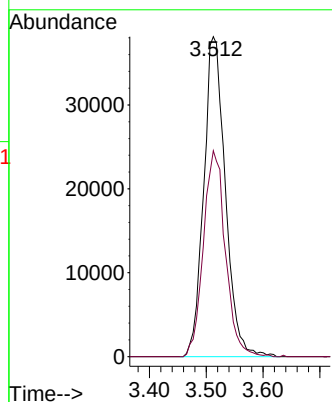
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01



Tgt Ion: 101 Resp: 100965
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.4 74.0

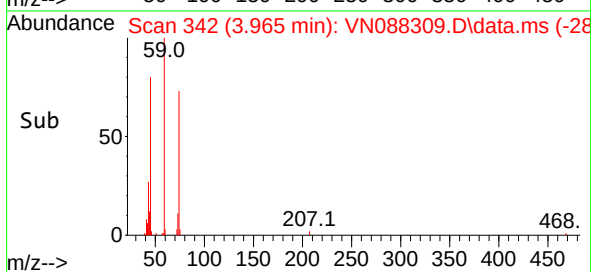
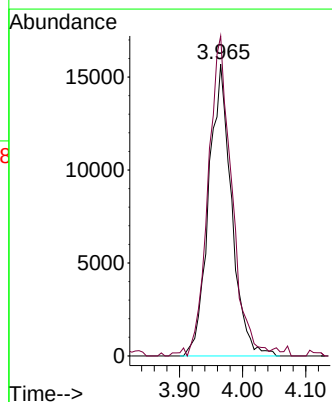
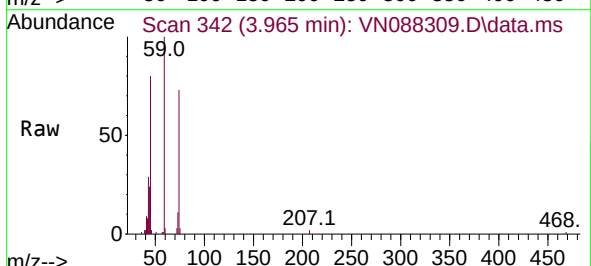
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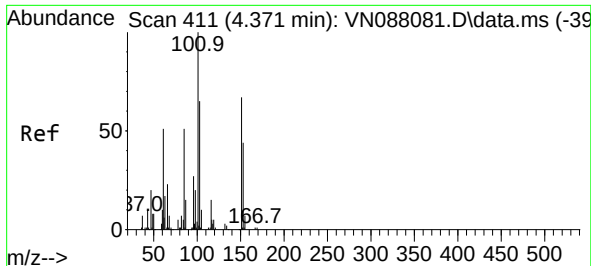
Reviewed By :Amit Patel 11/19/2025
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#8
 Diethyl Ether
 Concen: 19.769 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN088309.D
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Tgt Ion: 74 Resp: 39292
 Ion Ratio Lower Upper
 74 100
 45 113.6 50.6 151.9





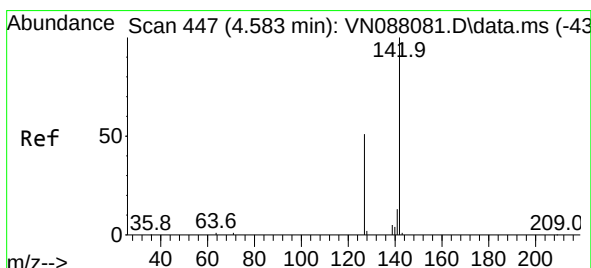
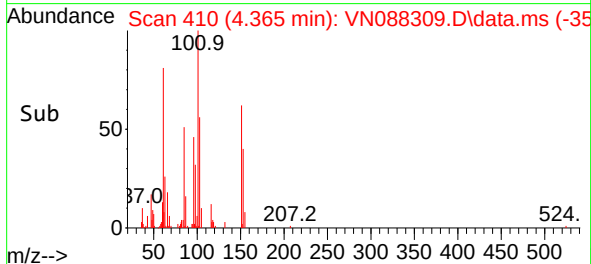
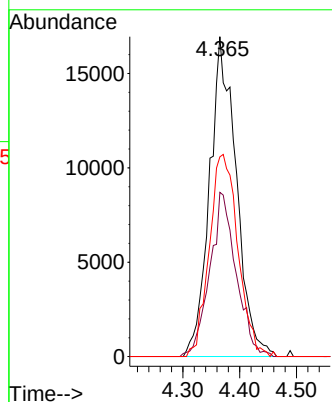
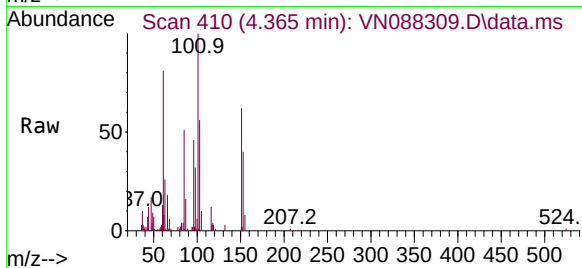
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.021 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion:101 Resp: 5524
Ion Ratio Lower Upper
101 100
85 50.7 36.6 55.0
151 67.9 54.7 82.1

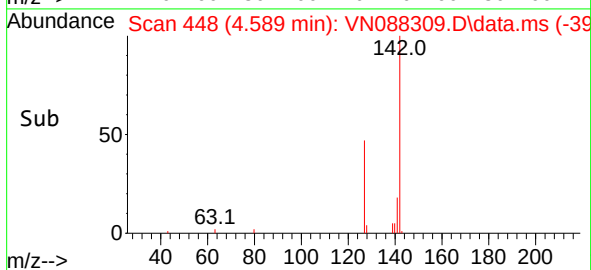
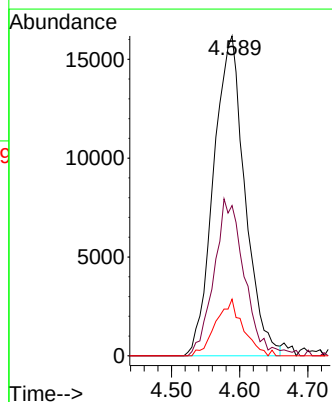
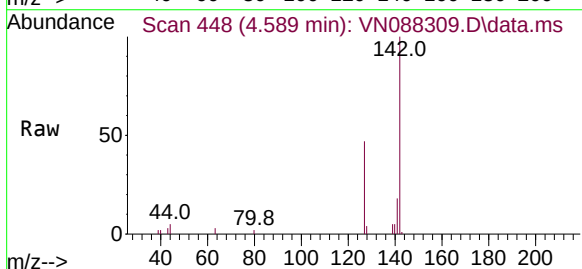
Manual Integrations
APPROVED

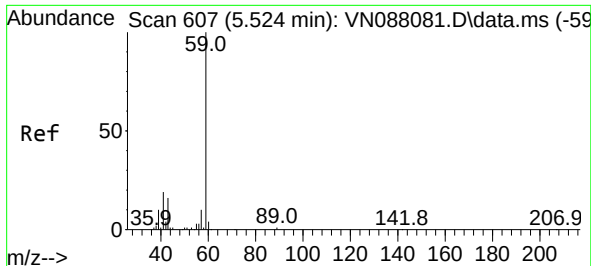
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#10
Methyl Iodide
Concen: 20.445 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

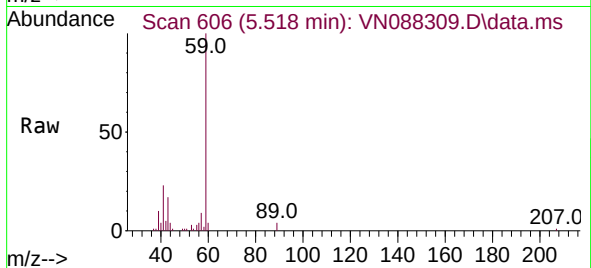
Tgt Ion:142 Resp: 51559
Ion Ratio Lower Upper
142 100
127 47.0 38.0 57.0
141 17.7 12.0 18.0





#11
Tert butyl alcohol
Concen: 104.024 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

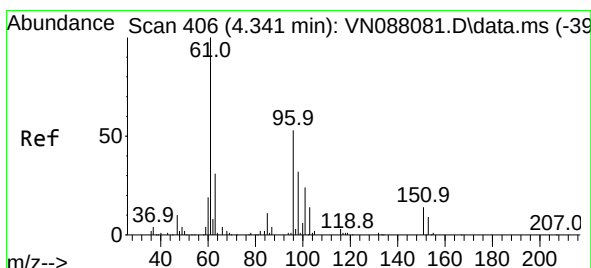
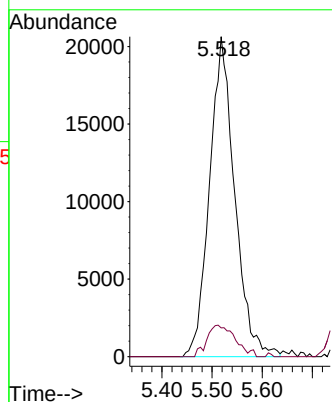
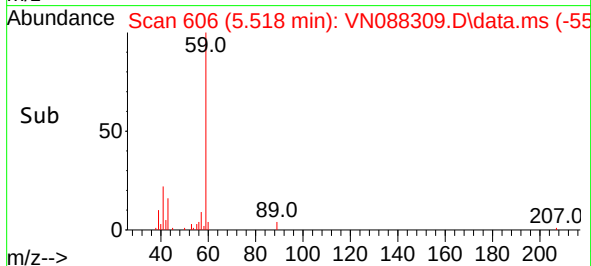
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



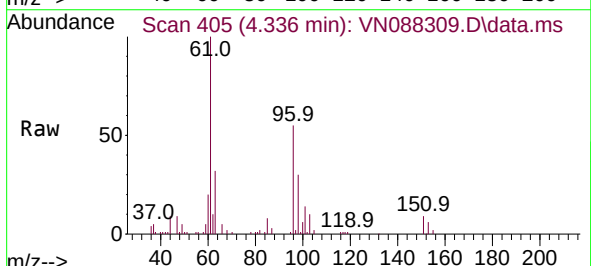
Tgt Ion: 59 Resp: 71859
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4

Manual Integrations
APPROVED

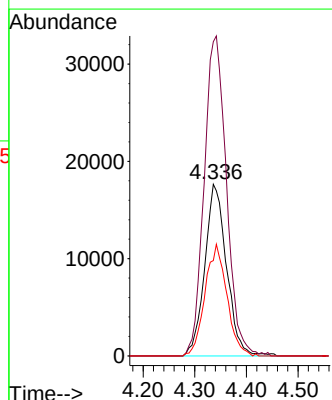
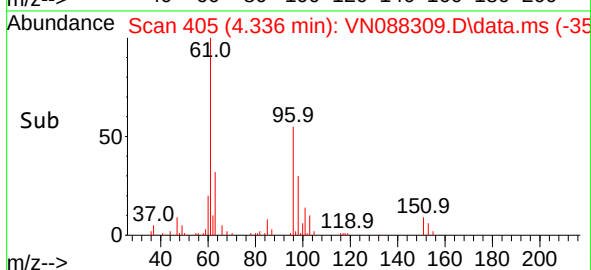
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

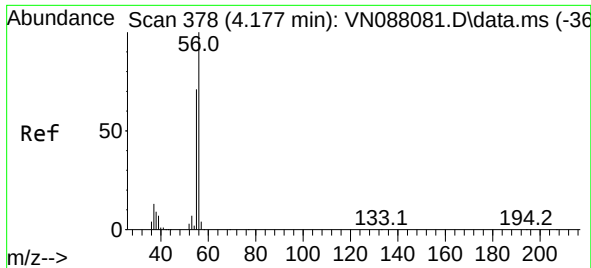


#12
1,1-Dichloroethene
Concen: 17.830 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



Tgt Ion: 96 Resp: 51966
Ion Ratio Lower Upper
96 100
61 183.1 143.8 215.8
98 55.5 52.1 78.1





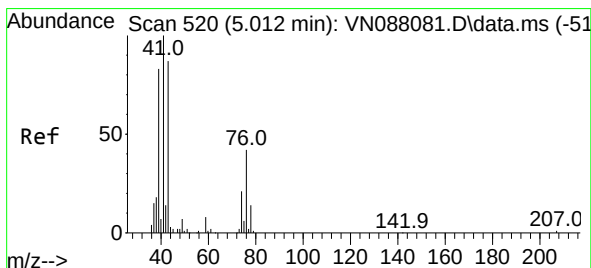
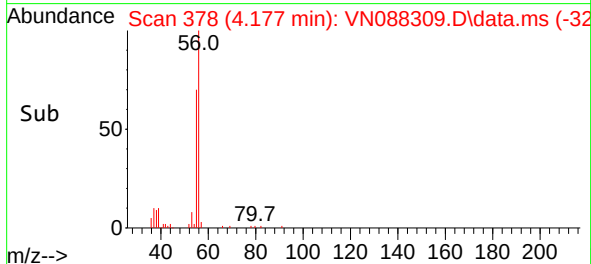
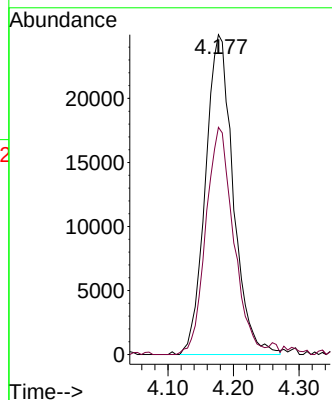
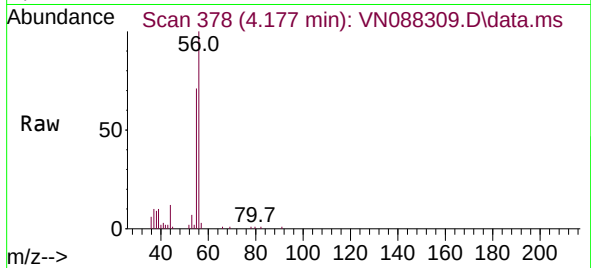
#13
Acrolein
Concen: 94.708 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 56 Resp: 73590
Ion Ratio Lower Upper
56 100
55 71.0 57.3 85.9

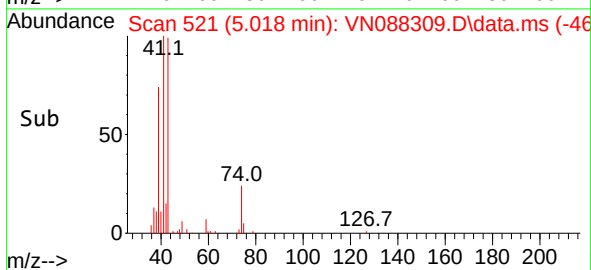
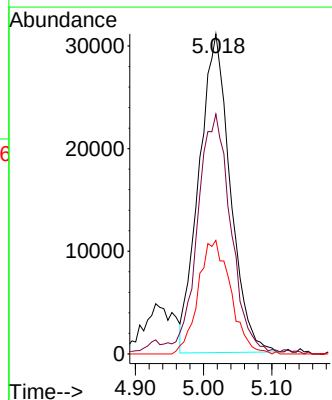
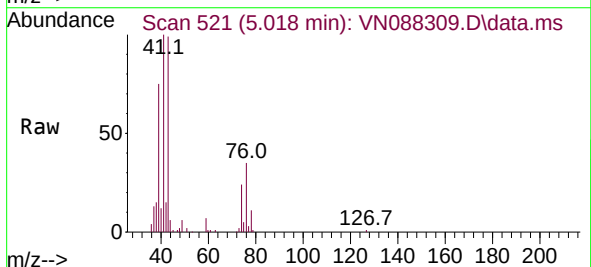
Manual Integrations
APPROVED

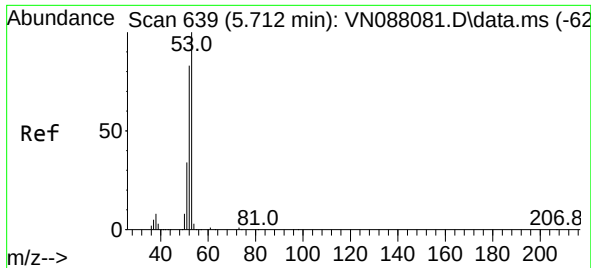
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#14
Allyl chloride
Concen: 19.397 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

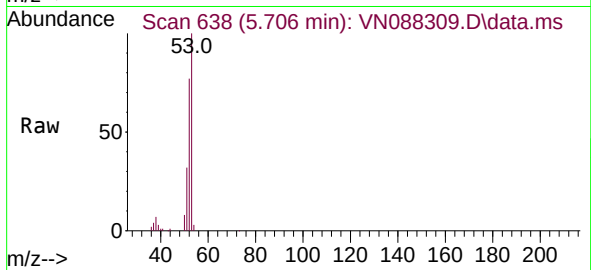
Tgt Ion: 41 Resp: 99091
Ion Ratio Lower Upper
41 100
39 78.4 63.9 95.9
76 36.9 28.1 42.1





#15
Acrylonitrile
Concen: 116.685 ug/l
RT: 5.706 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

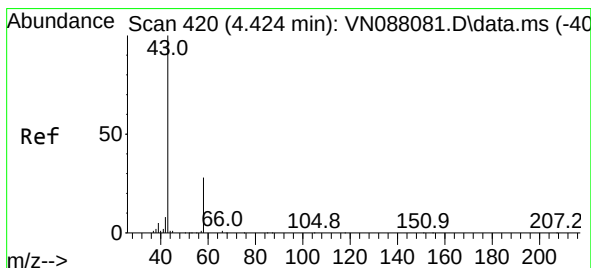
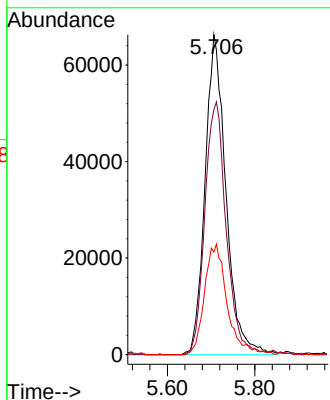
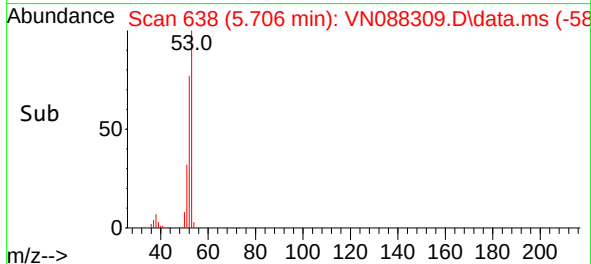
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 53 Resp: 219566
Ion Ratio Lower Upper
53 100
52 81.0 67.6 101.4
51 37.4 30.1 45.1

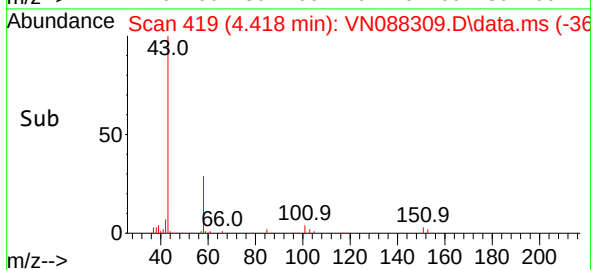
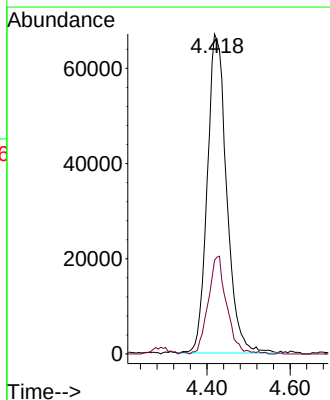
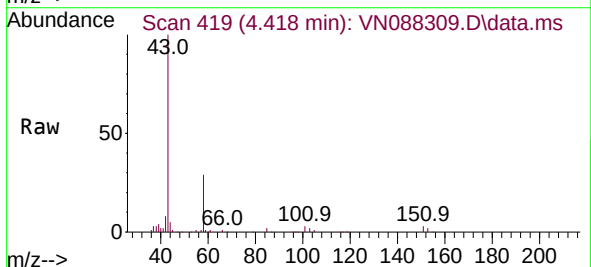
Manual Integrations
APPROVED

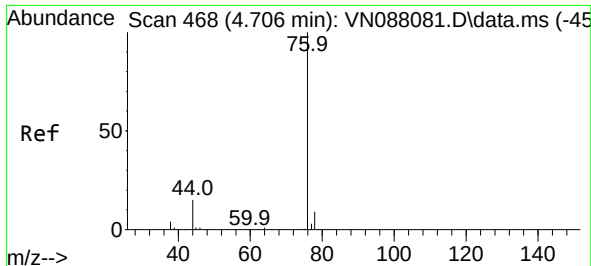
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#16
Acetone
Concen: 107.939 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

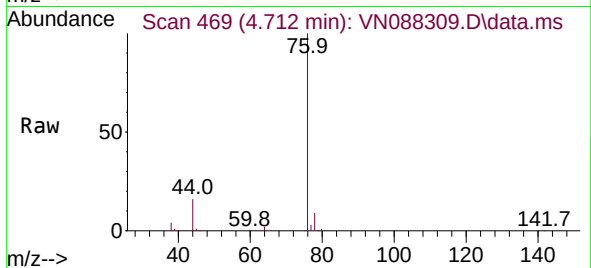
Tgt Ion: 43 Resp: 217438
Ion Ratio Lower Upper
43 100
58 29.3 22.6 33.8





#17
Carbon Disulfide
Concen: 17.316 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

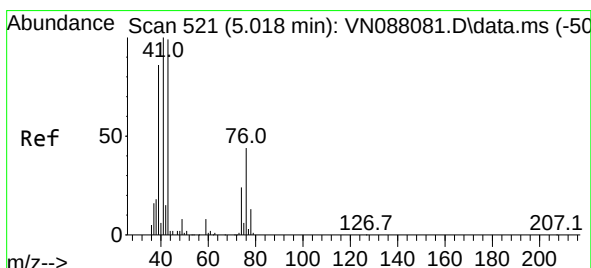
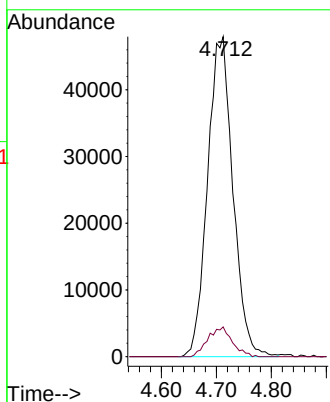
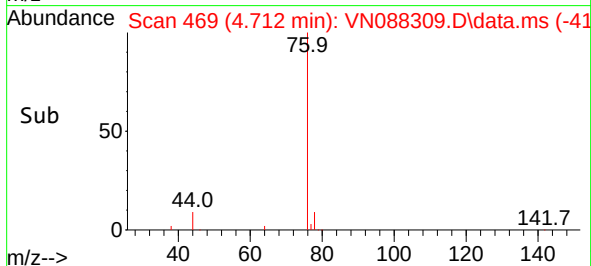
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 76 Resp: 153417
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

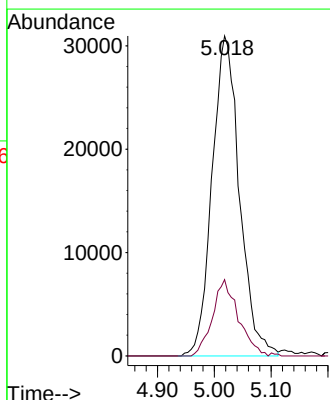
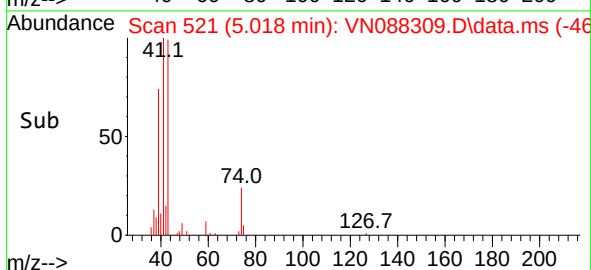
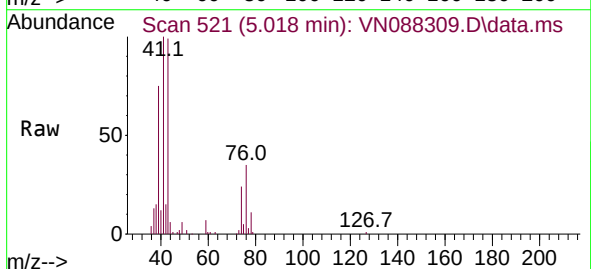
Manual Integrations
APPROVED

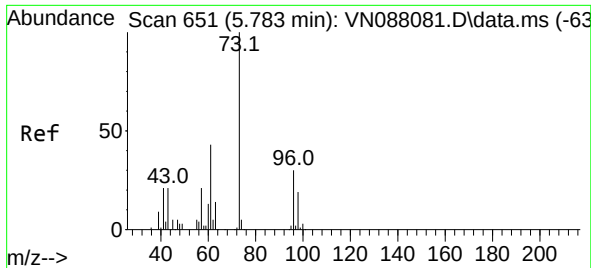
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#18
Methyl Acetate
Concen: 25.147 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 43 Resp: 103709
Ion Ratio Lower Upper
43 100
74 22.4 17.6 26.4





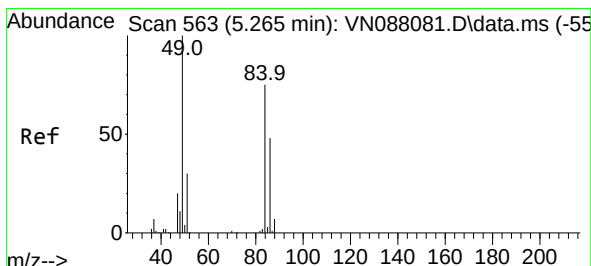
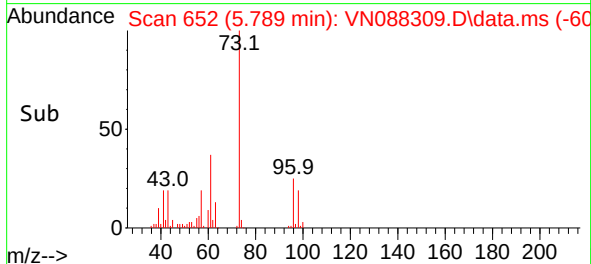
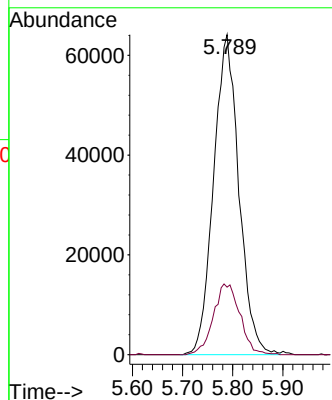
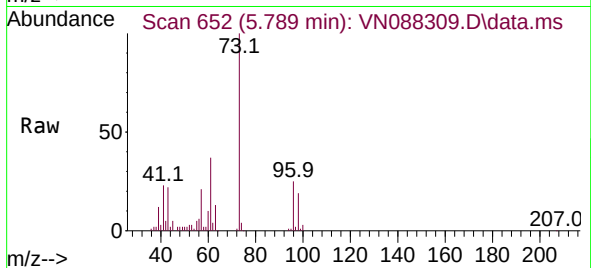
#19
Methyl tert-butyl Ether
Concen: 20.982 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 73 Resp: 224583
Ion Ratio Lower Upper
73 100
57 21.1 18.4 27.6

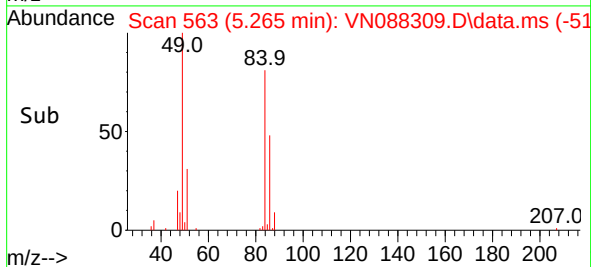
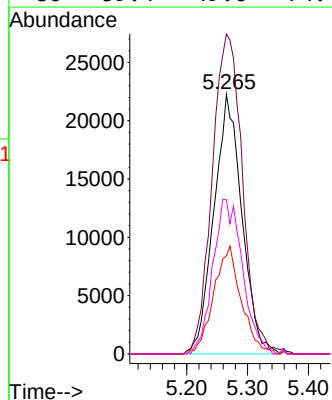
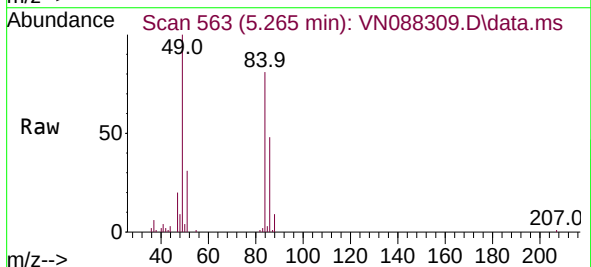
Manual Integrations
APPROVED

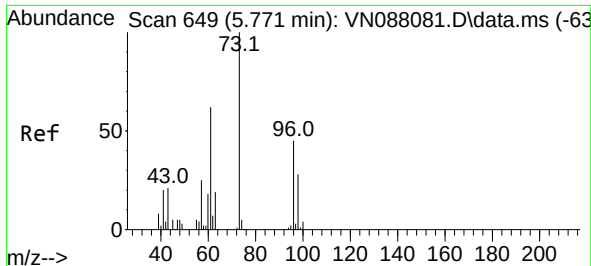
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#20
Methylene Chloride
Concen: 21.039 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

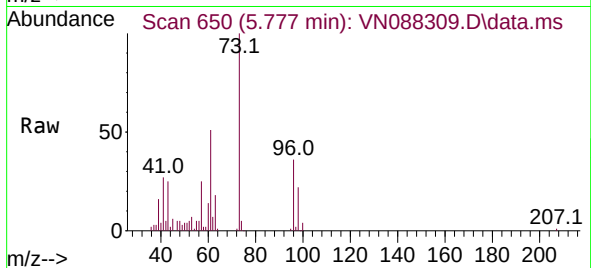
Tgt Ion: 84 Resp: 71143
Ion Ratio Lower Upper
84 100
49 123.2 103.4 155.2
51 37.8 33.8 50.8
86 59.4 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 19.312 ug/l
RT: 5.777 min Scan# 61782
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

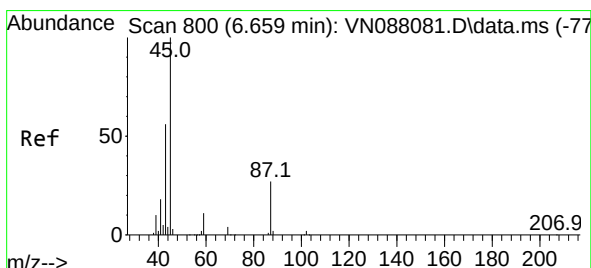
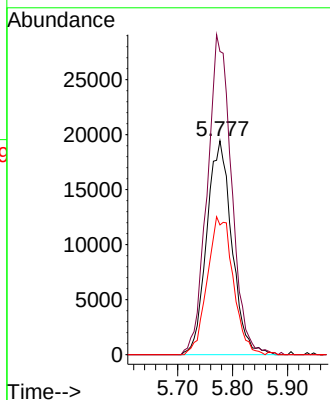
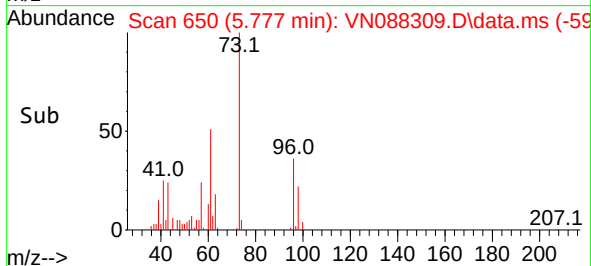
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



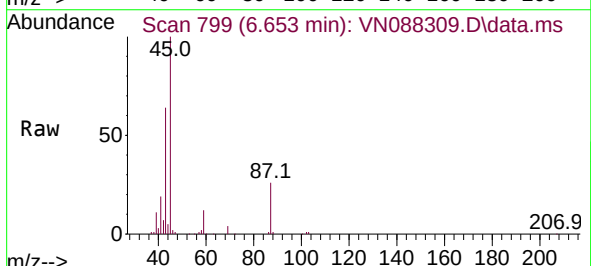
Tgt Ion: 96 Resp: 61782
Ion Ratio Lower Upper
96 100
61 141.8 118.0 177.0
98 60.6 50.0 75.0

Manual Integrations
APPROVED

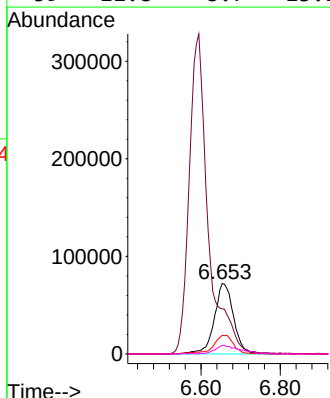
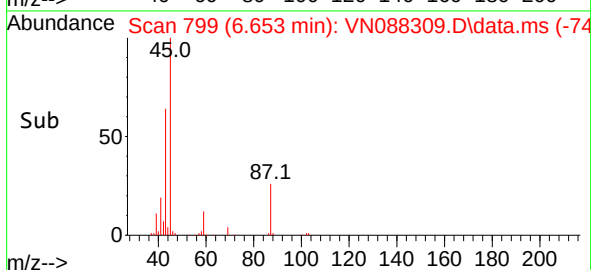
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

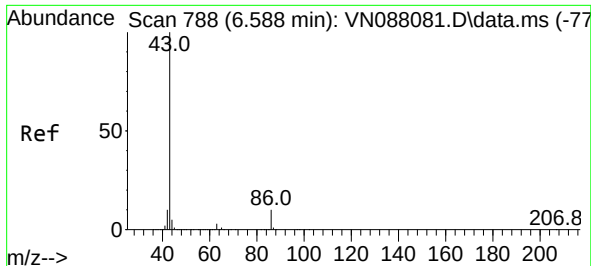


#22
Diisopropyl ether
Concen: 22.453 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



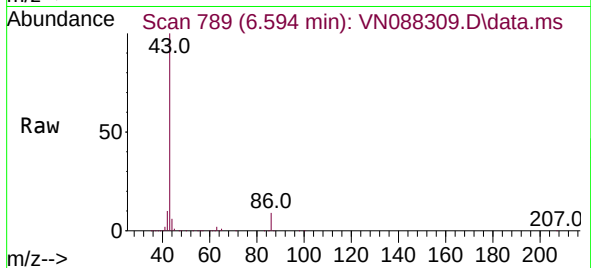
Tgt Ion: 45 Resp: 241218
Ion Ratio Lower Upper
45 100
43 63.2 47.7 71.5
87 26.5 21.4 32.0
59 11.8 8.7 13.1





#23
 Vinyl Acetate
 Concen: 111.934 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

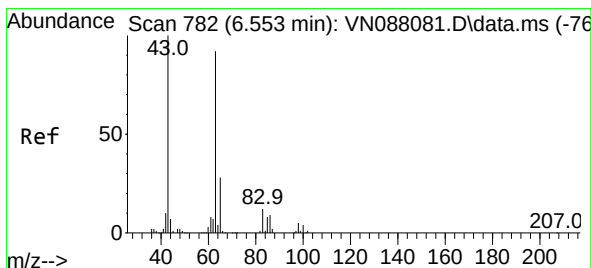
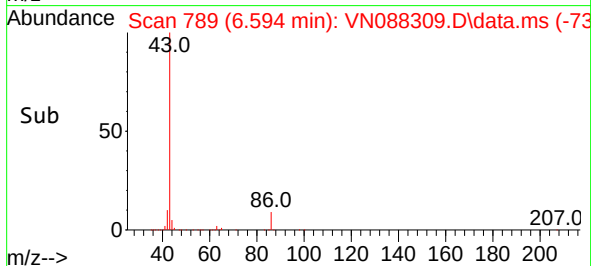
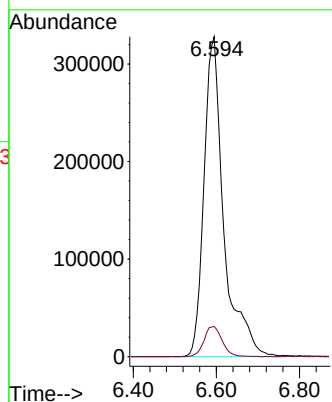
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01



Tgt Ion: 43 Resp: 1083238
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.2 12.4

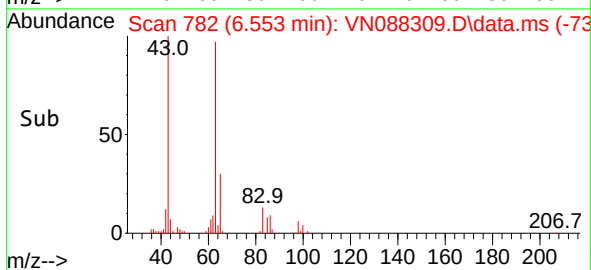
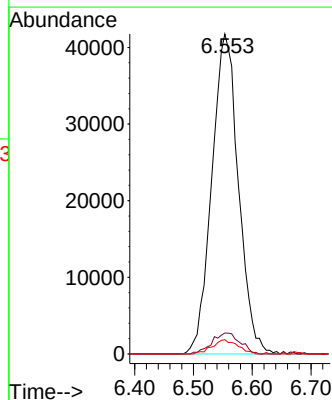
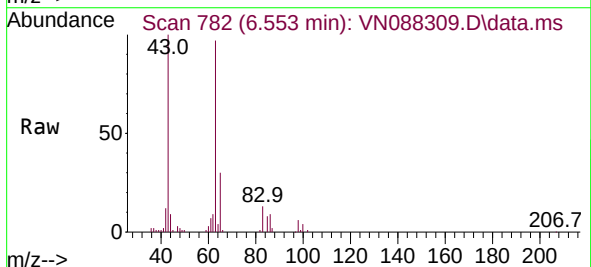
Manual Integrations
 APPROVED

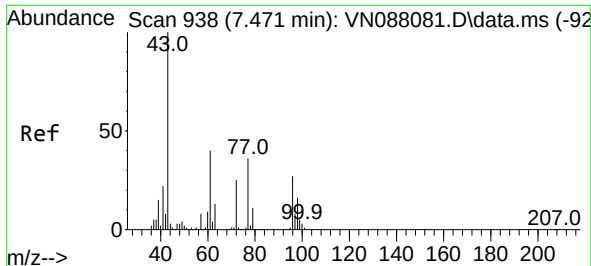
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#24
 1,1-Dichloroethane
 Concen: 22.106 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

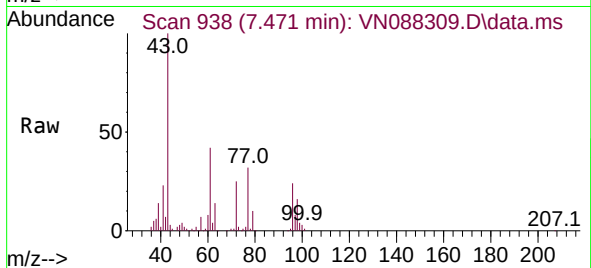
Tgt Ion: 63 Resp: 131559
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 115.413 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

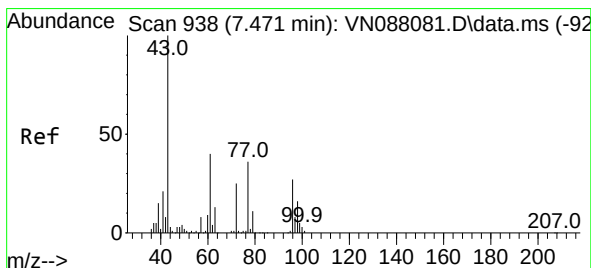
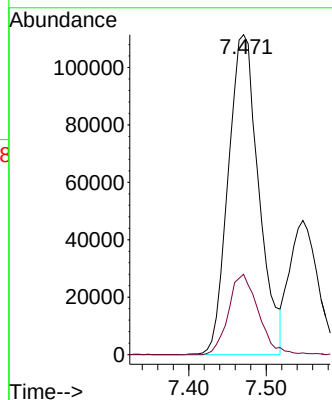
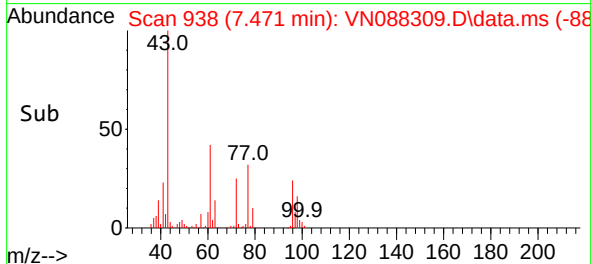
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



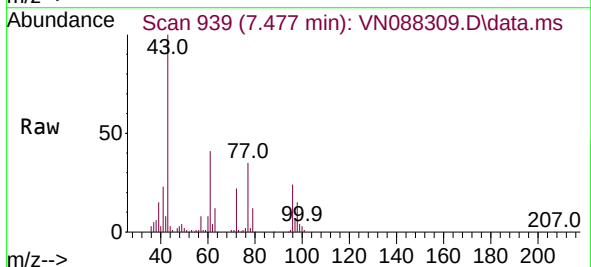
Tgt Ion: 43 Resp: 306392
Ion Ratio Lower Upper
43 100
72 25.1 19.9 29.9

Manual Integrations
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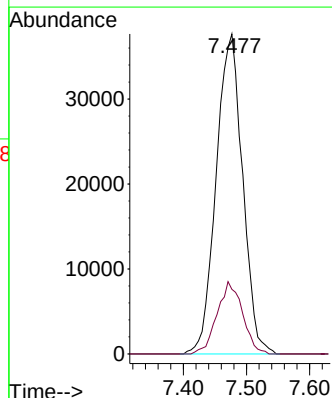
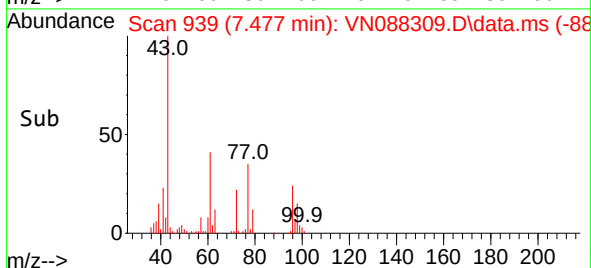
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

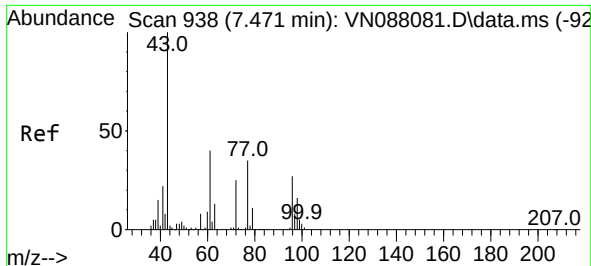


#26
2,2-Dichloropropane
Concen: 20.239 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



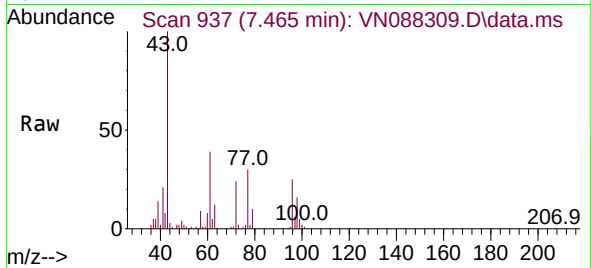
Tgt Ion: 77 Resp: 109455
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 20.311 ug/l
 RT: 7.465 min Scan# 938
 Delta R.T. -0.000 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

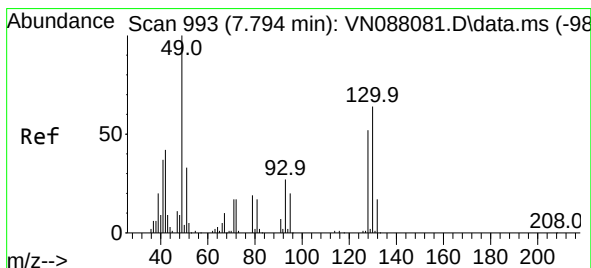
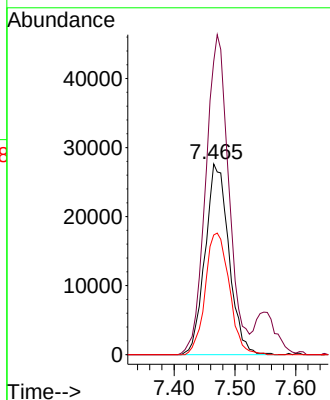
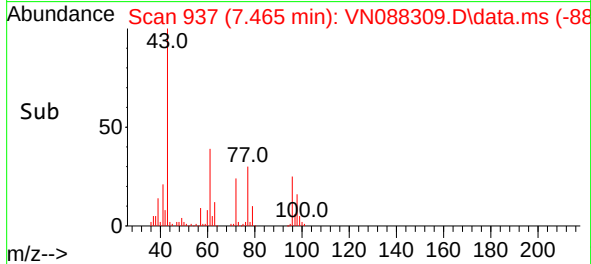
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01



Tgt Ion: 96 Resp: 74804
 Ion Ratio Lower Upper
 96 100
 61 163.4 0.0 301.8
 98 64.5 0.0 126.2

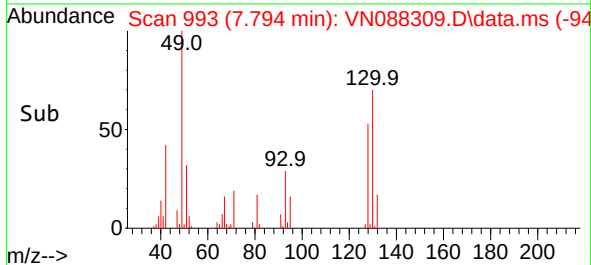
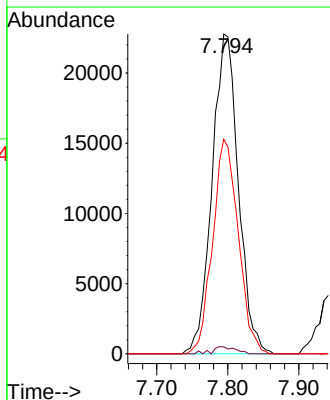
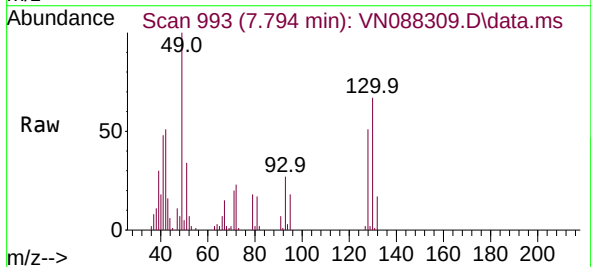
Manual Integrations
 APPROVED

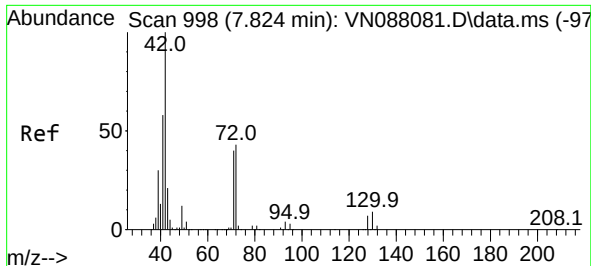
Reviewed By :Amit Patel 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#28
 Bromochloromethane
 Concen: 20.833 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

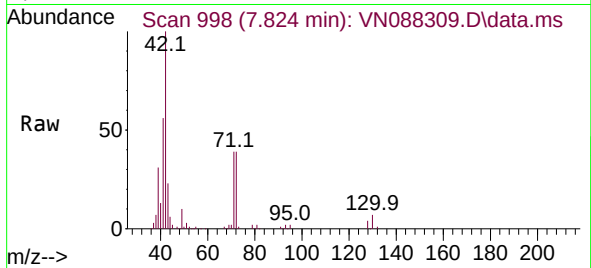
Tgt Ion: 49 Resp: 58581
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 65.5 53.1 79.7





#29
Tetrahydrofuran
Concen: 112.535 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

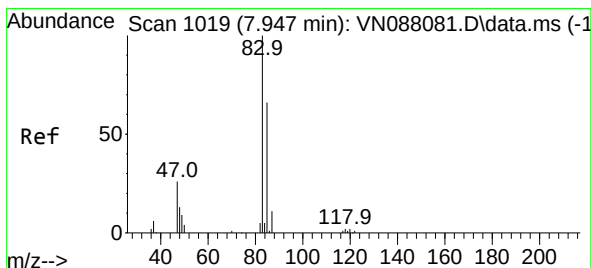
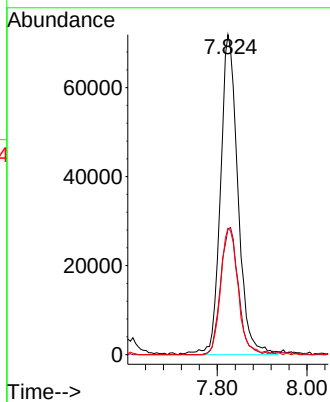
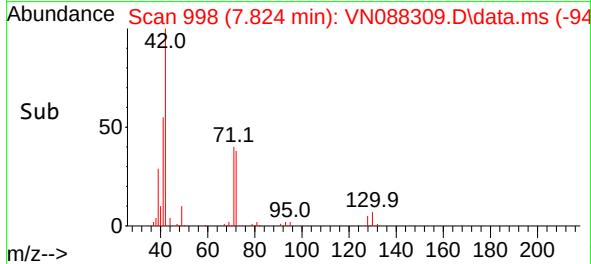
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 42 Resp: 194697
Ion Ratio Lower Upper
42 100
72 40.3 33.7 50.5
71 39.5 31.9 47.9

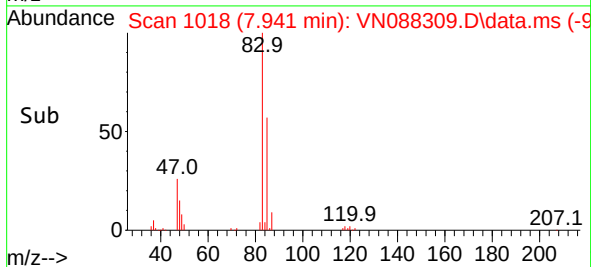
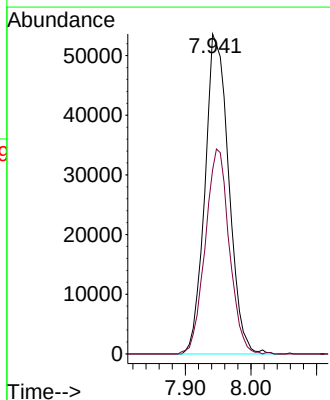
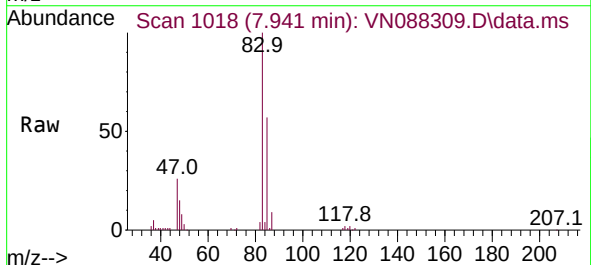
Manual Integrations
APPROVED

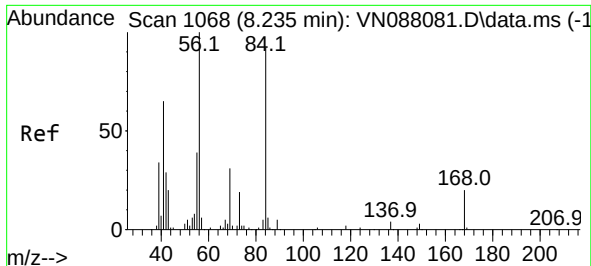
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#30
Chloroform
Concen: 22.700 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

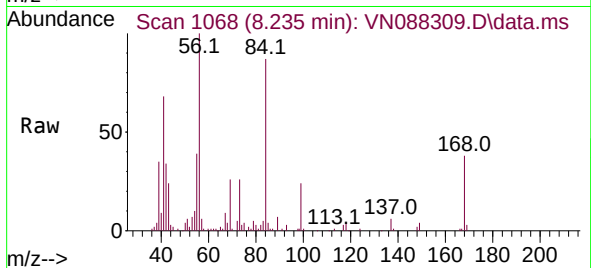
Tgt Ion: 83 Resp: 134961
Ion Ratio Lower Upper
83 100
85 57.5 50.7 76.1





#31
Cyclohexane
Concen: 19.203 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

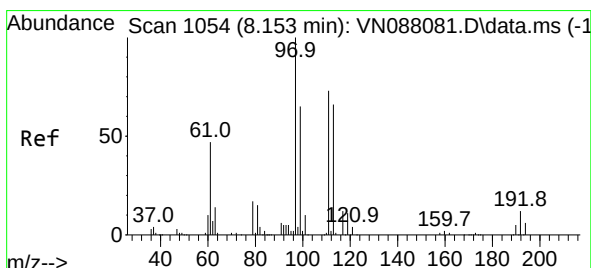
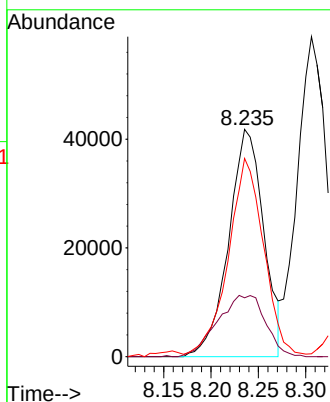
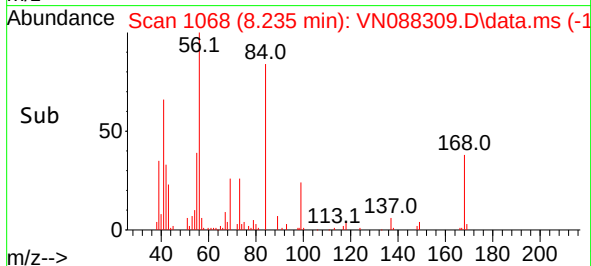
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



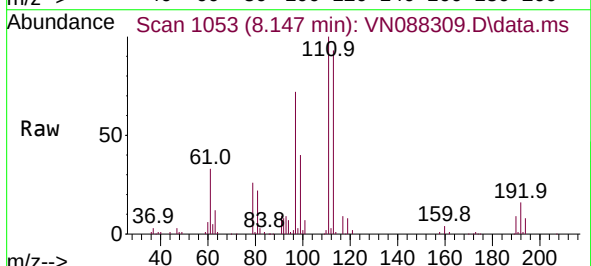
Tgt Ion: 56 Resp: 107784
Ion Ratio Lower Upper
56 100
69 25.2 23.7 35.5
84 85.3 64.7 97.1

Manual Integrations
APPROVED

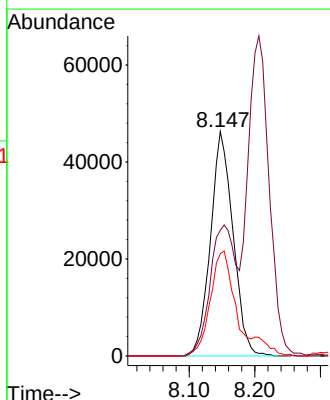
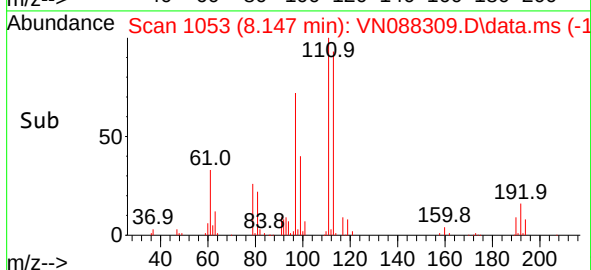
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

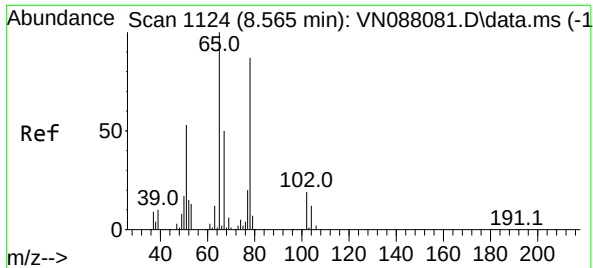


#32
1,1,1-Trichloroethane
Concen: 20.900 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



Tgt Ion: 97 Resp: 110672
Ion Ratio Lower Upper
97 100
99 67.1 52.2 78.2
61 50.1 41.2 61.8





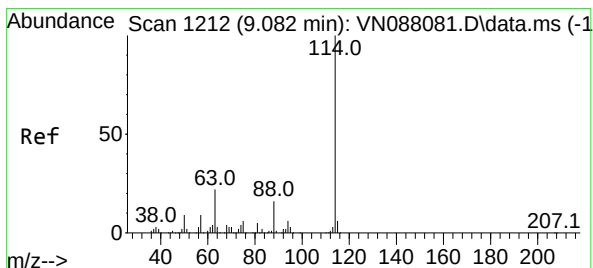
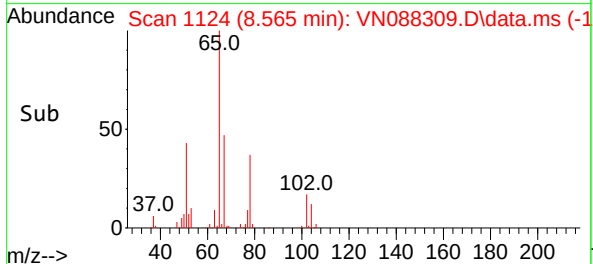
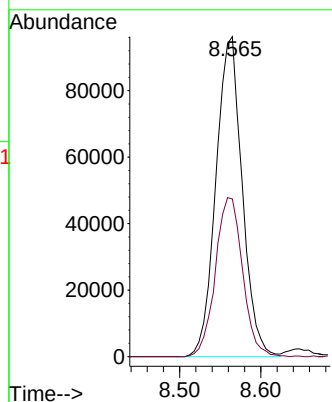
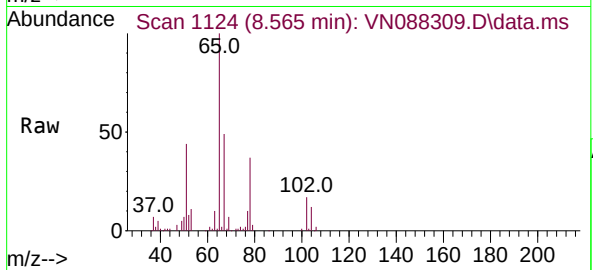
#33
1,2-Dichloroethane-d4
Concen: 53.906 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 65 Resp: 216152
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.0

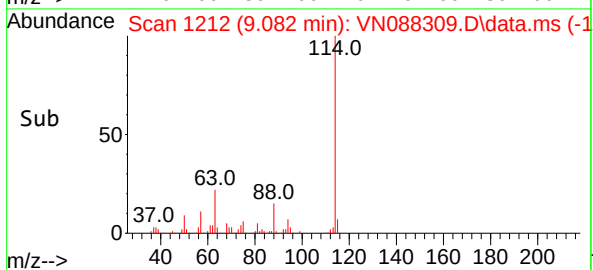
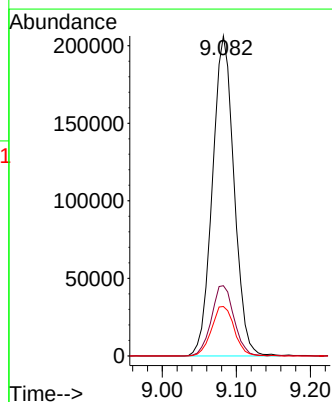
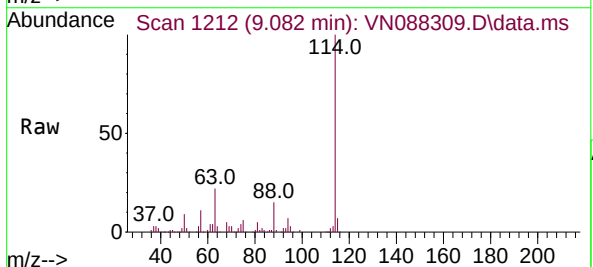
Manual Integrations
APPROVED

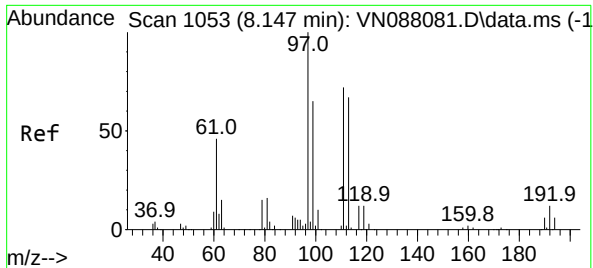
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

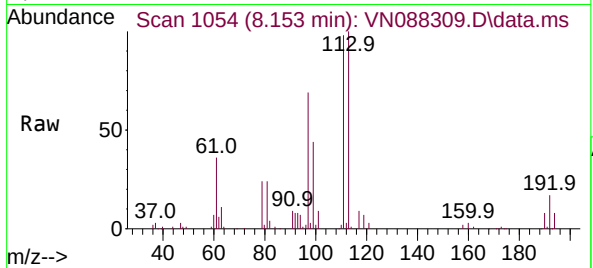
Tgt Ion:114 Resp: 417439
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.2
88 15.4 0.0 33.4





#35
Dibromofluoromethane
Concen: 53.883 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

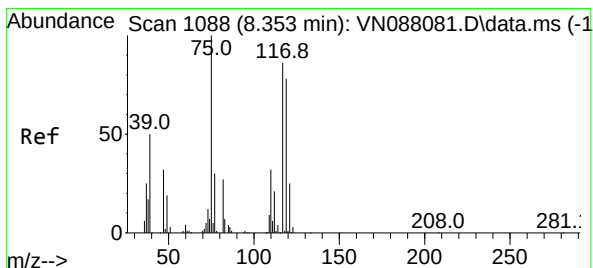
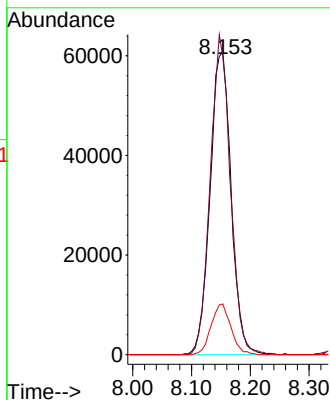
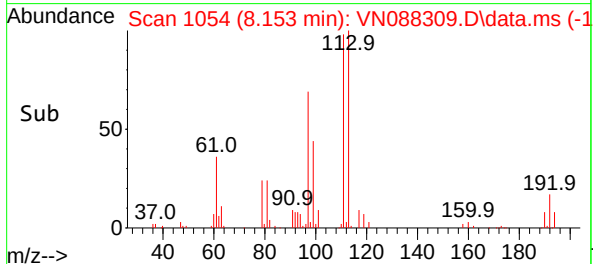
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



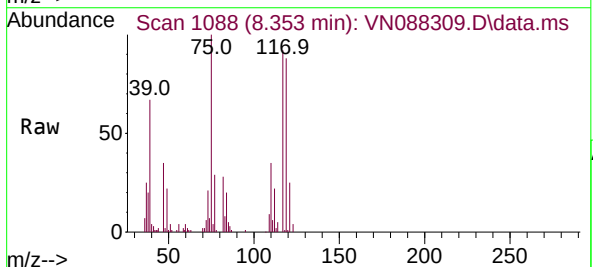
Tgt Ion:113 Resp: 151108
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 15.8 12.8 19.2

Manual Integrations
APPROVED

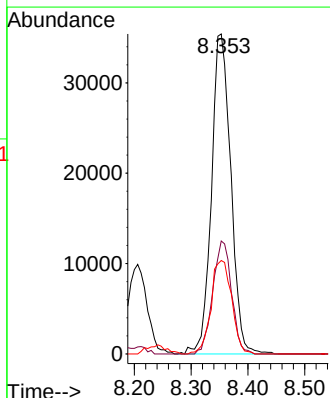
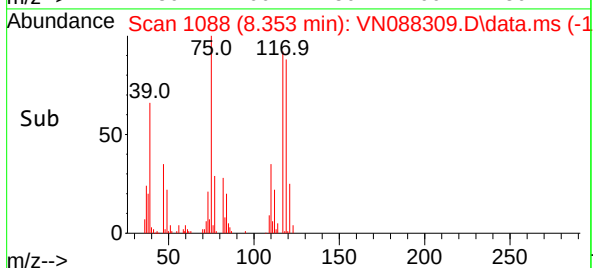
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

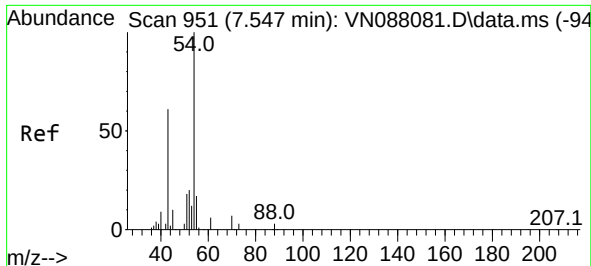


#36
1,1-Dichloropropene
Concen: 20.465 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



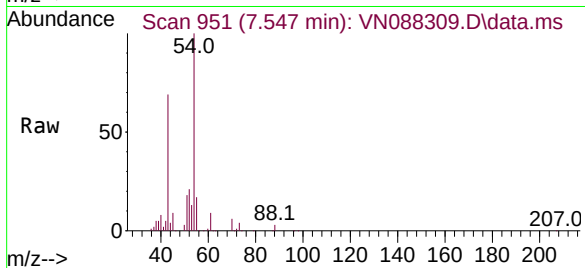
Tgt Ion: 75 Resp: 83798
Ion Ratio Lower Upper
75 100
110 34.3 15.9 47.6
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 23.149 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

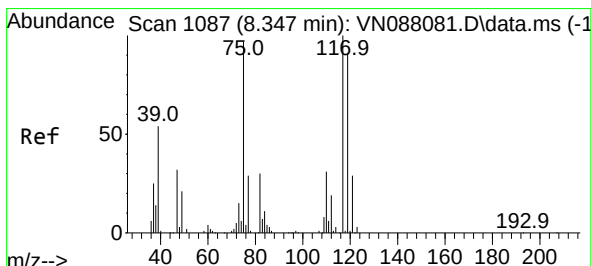
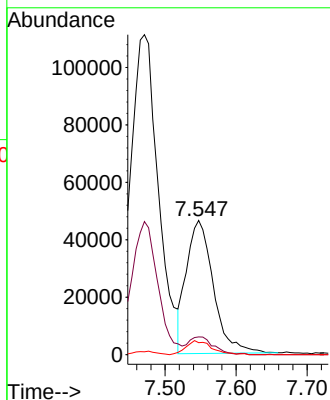
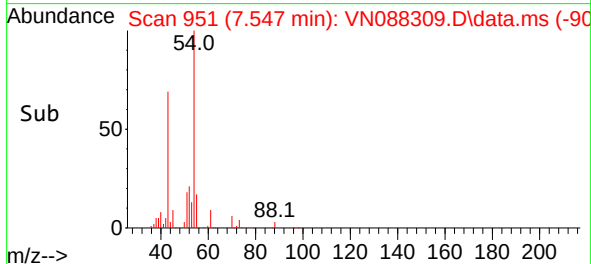
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 43 Resp: 12232
Ion Ratio Lower Upper
43 100
61 11.6 9.3 13.9
70 9.8 7.0 10.6

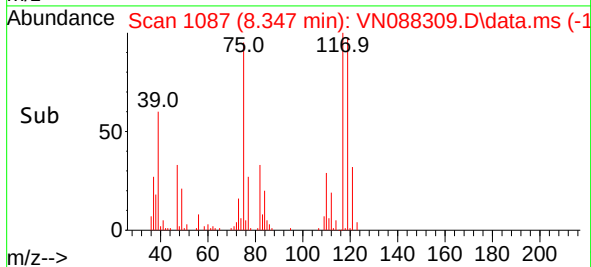
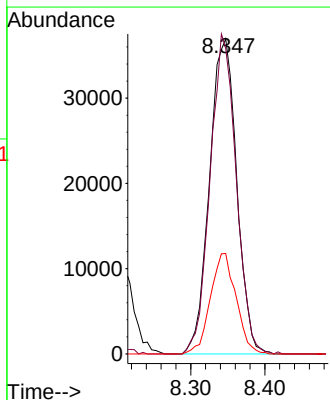
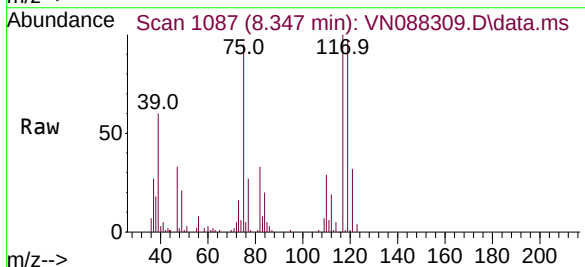
Manual Integrations
APPROVED

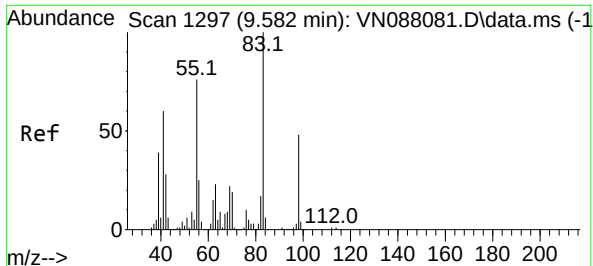
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#38
Carbon Tetrachloride
Concen: 22.308 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion:117 Resp: 94344
Ion Ratio Lower Upper
117 100
119 96.9 79.0 118.6
121 31.9 25.0 37.6





#39

Methylcyclohexane

Concen: 17.737 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

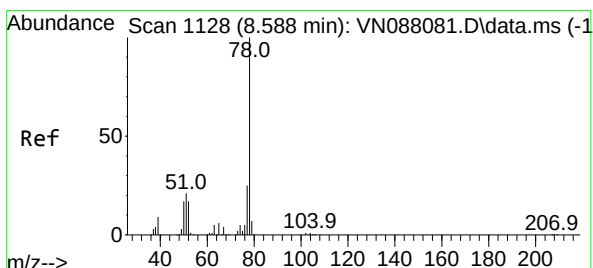
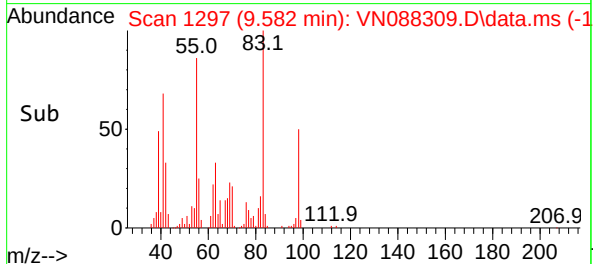
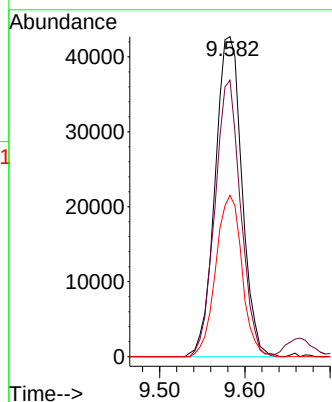
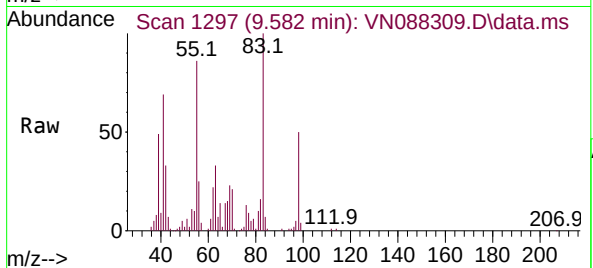
Tgt Ion: 83	Resp: 93352
Ion Ratio	Lower Upper
83 100	
55 86.4	64.6 96.8
98 50.4	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#40

Benzene

Concen: 21.715 ug/l

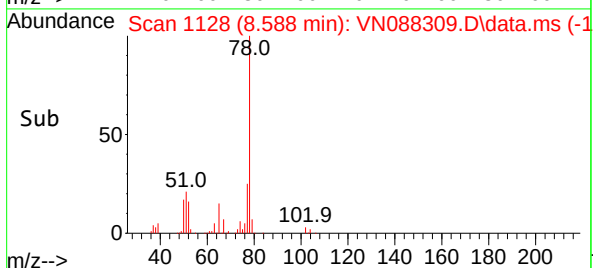
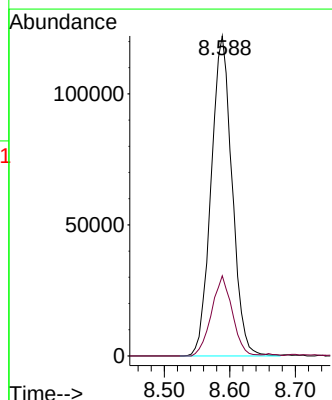
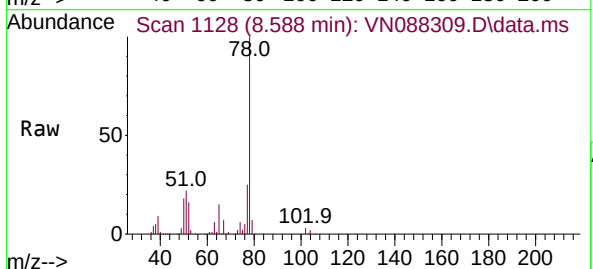
RT: 8.588 min Scan# 1128

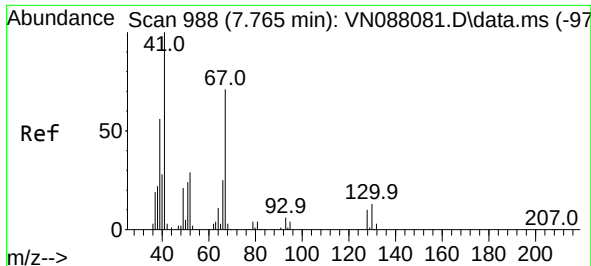
Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Tgt Ion: 78	Resp: 270790
Ion Ratio	Lower Upper
78 100	
77 25.0	19.7 29.5





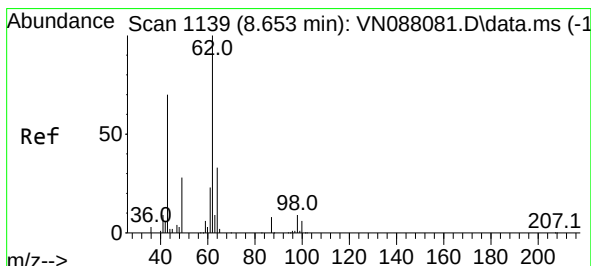
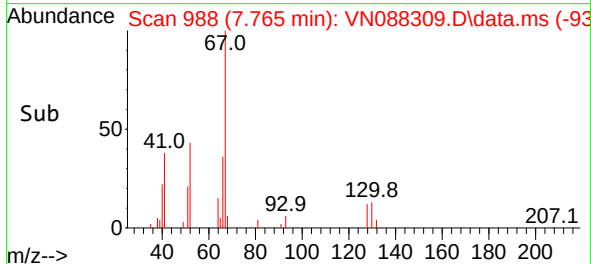
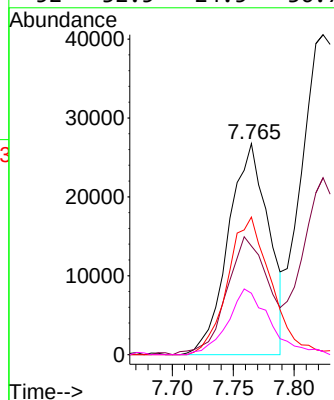
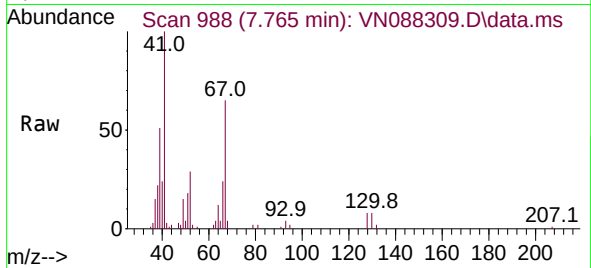
#41
Methacrylonitrile
Concen: 22.259 ug/l
RT: 7.765 min Scan# 988
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 41 Resp: 61906
Ion Ratio Lower Upper
41 100
39 57.7 45.4 68.0
67 70.5 55.3 82.9
52 32.5 24.5 36.7

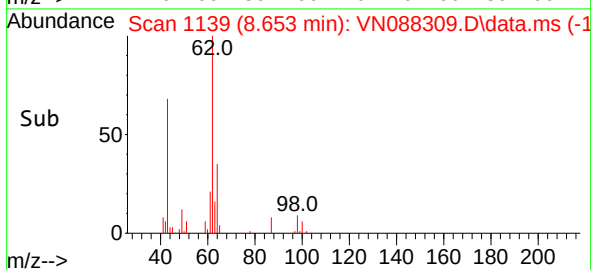
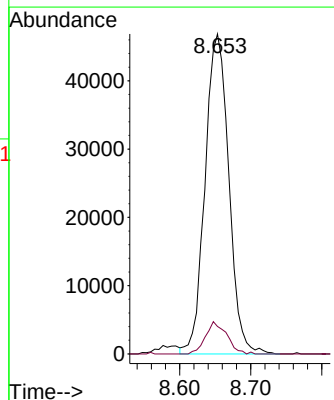
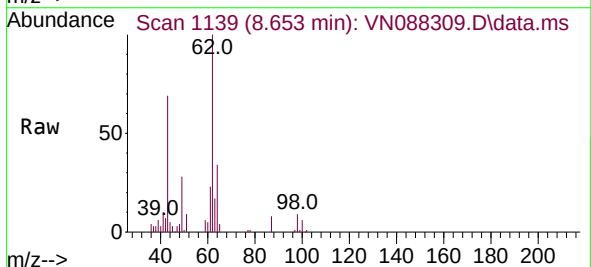
Manual Integrations
APPROVED

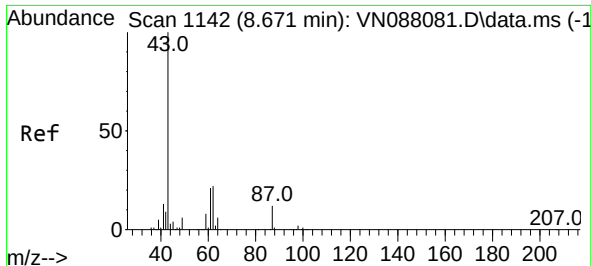
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#42
1,2-Dichloroethane
Concen: 24.537 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

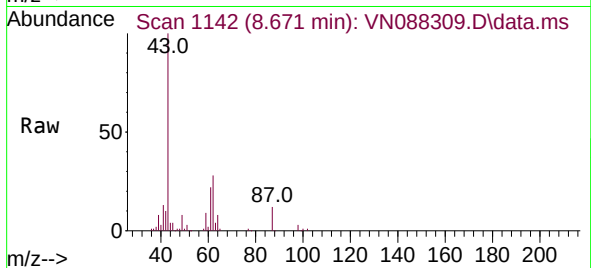
Tgt Ion: 62 Resp: 108720
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.4





#43
Isopropyl Acetate
Concen: 23.569 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

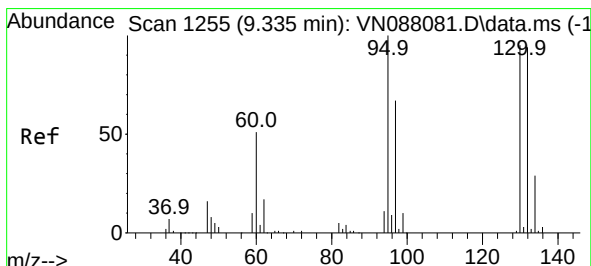
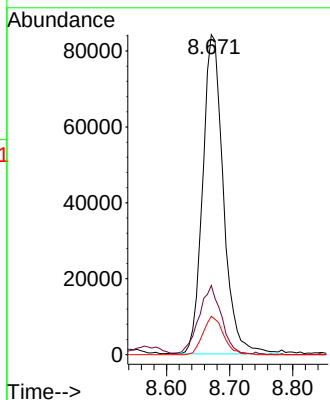
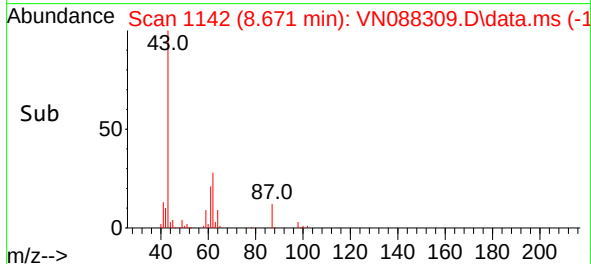
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



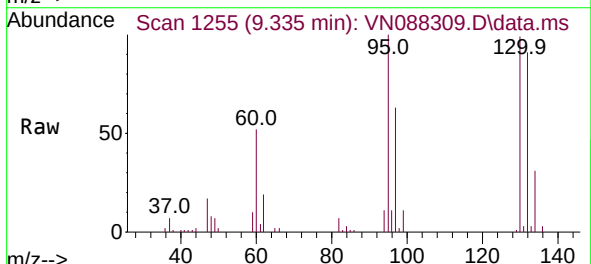
Tgt Ion: 43 Resp: 191372
Ion Ratio Lower Upper
43 100
61 23.3 18.8 28.2
87 11.8 9.6 14.4

Manual Integrations
APPROVED

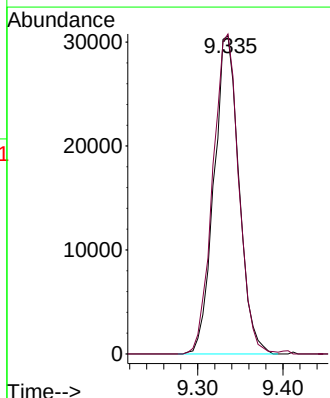
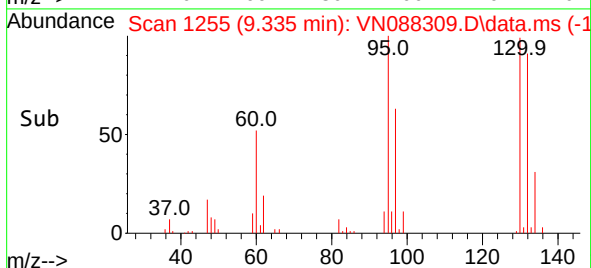
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

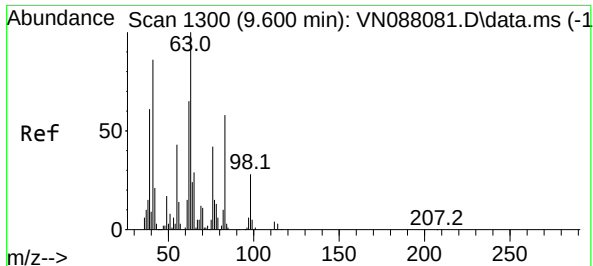


#44
Trichloroethene
Concen: 21.407 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



Tgt Ion:130 Resp: 62398
Ion Ratio Lower Upper
130 100
95 100.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 23.497 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 63 Resp: 73974

Ion Ratio Lower Upper

63 100

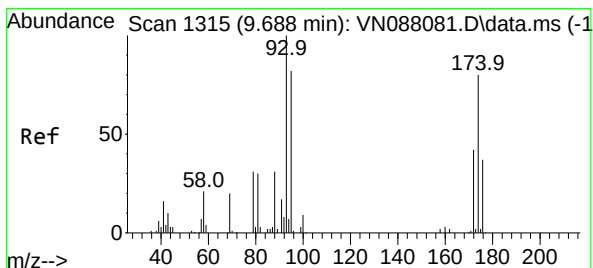
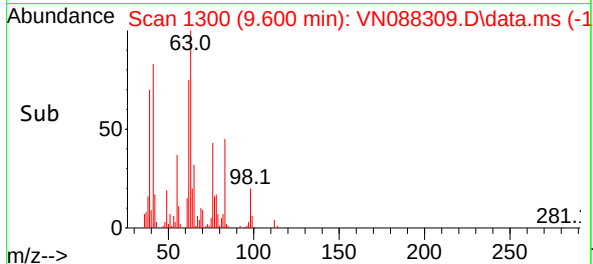
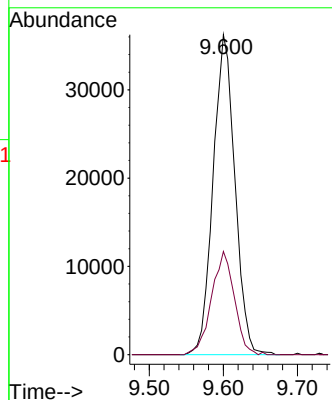
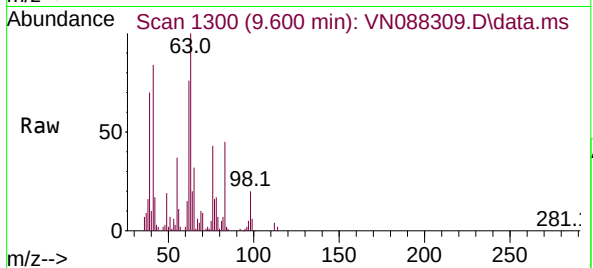
65 32.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#46

Dibromomethane

Concen: 24.001 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

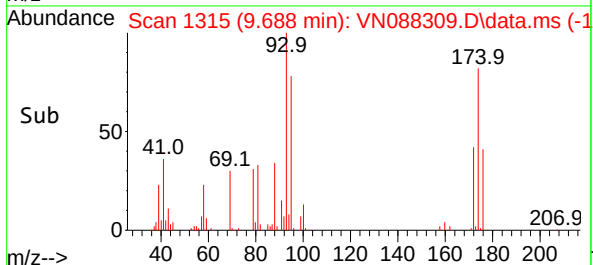
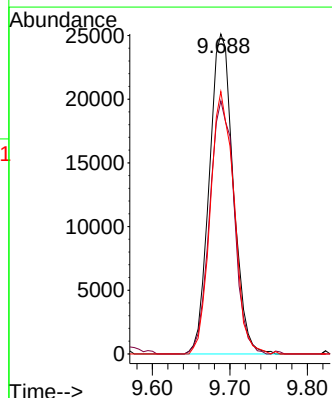
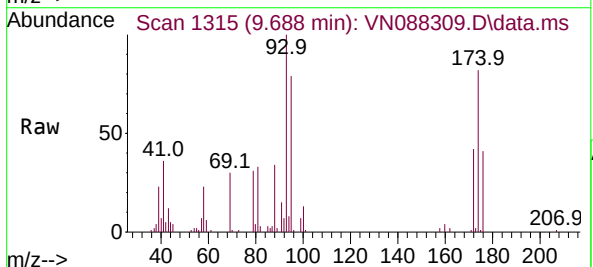
Tgt Ion: 93 Resp: 53891

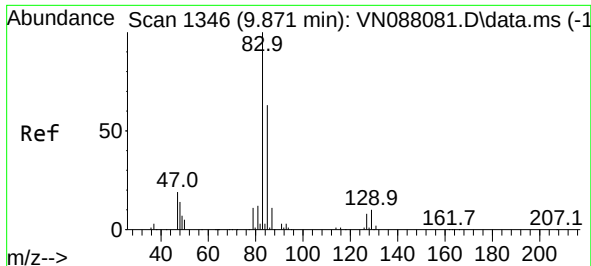
Ion Ratio Lower Upper

93 100

95 81.0 66.2 99.4

174 81.0 63.4 95.2





#47

Bromodichloromethane

Concen: 24.475 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

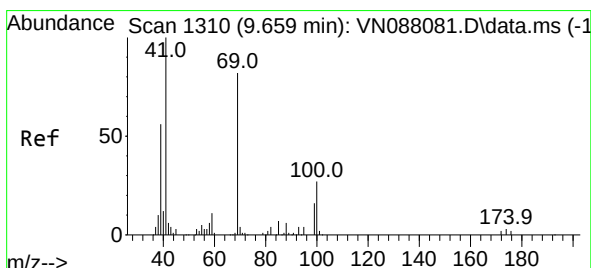
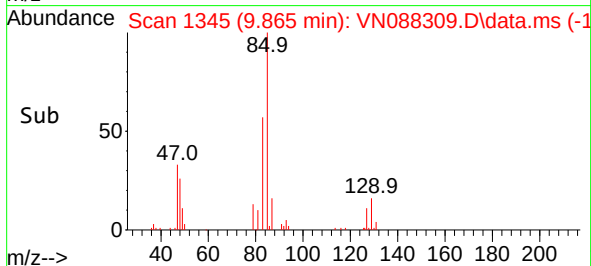
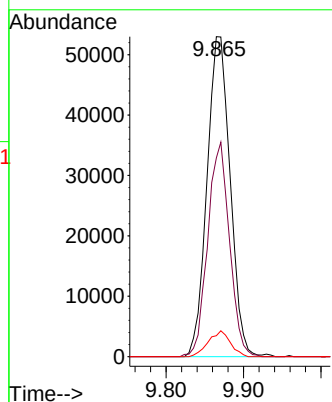
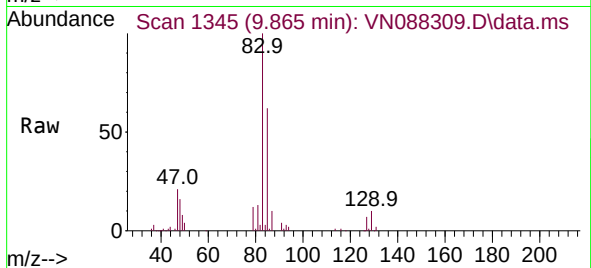
Tgt Ion:	83	Resp:	11002
Ion Ratio	Lower	Upper	
83	100		
85	62.1	52.5	78.7
127	6.5	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#48

Methyl methacrylate

Concen: 23.104 ug/l

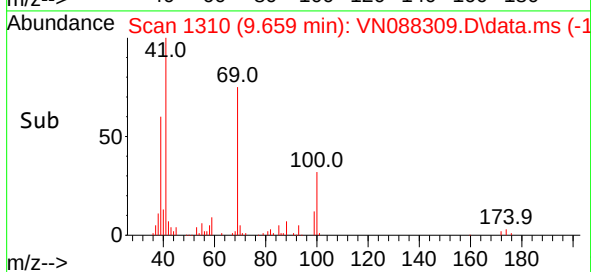
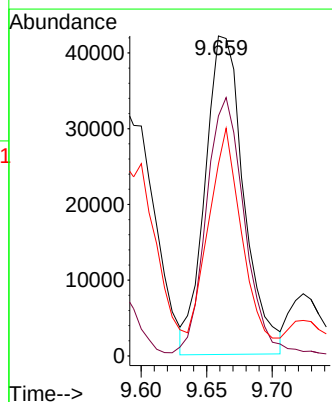
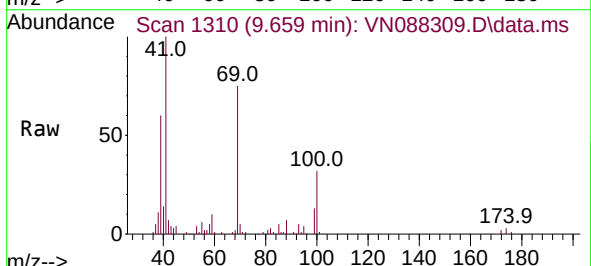
RT: 9.659 min Scan# 1310

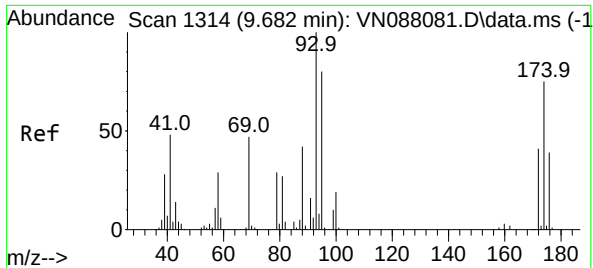
Delta R.T. -0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

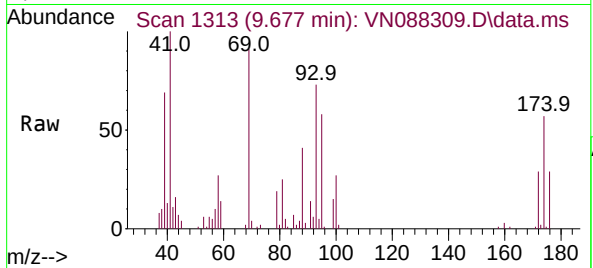
Tgt Ion:	41	Resp:	86610
Ion Ratio	Lower	Upper	
41	100		
69	79.6	62.7	94.1
39	62.5	52.9	79.3





#49
1,4-Dioxane
Concen: 491.588 ug/l
RT: 9.677 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

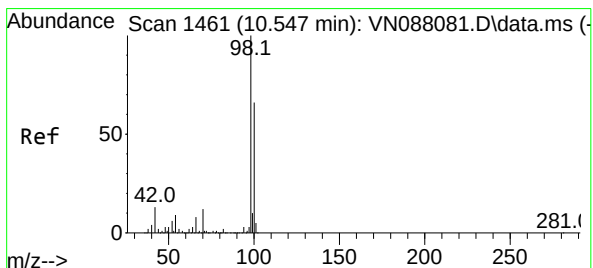
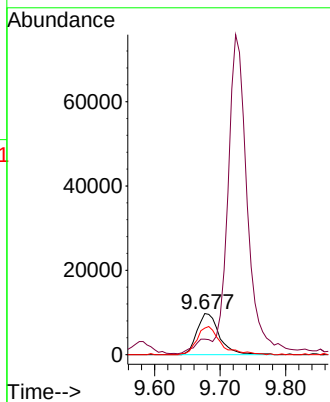
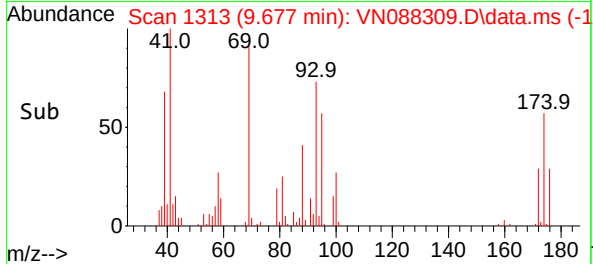
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 88 Resp: 22920
Ion Ratio Lower Upper
88 100
43 29.4 0.0 0.0
58 72.0 57.9 86.9

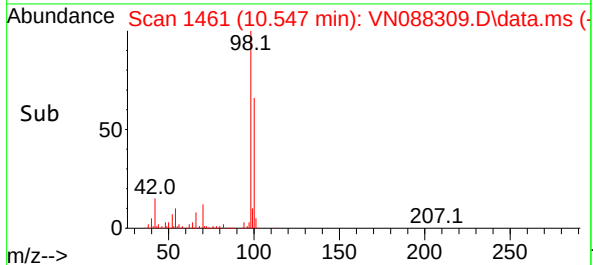
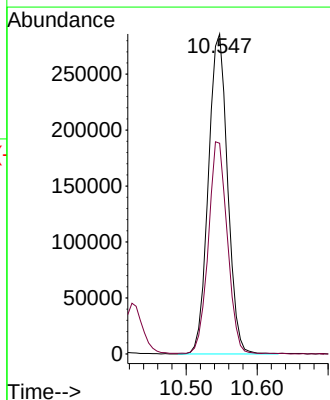
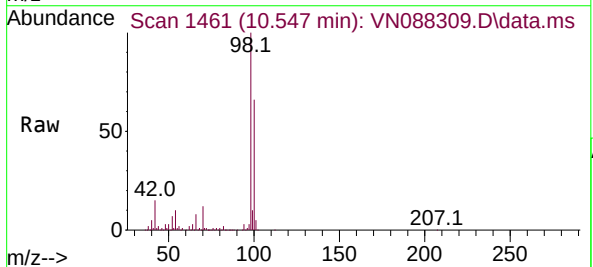
Manual Integrations
APPROVED

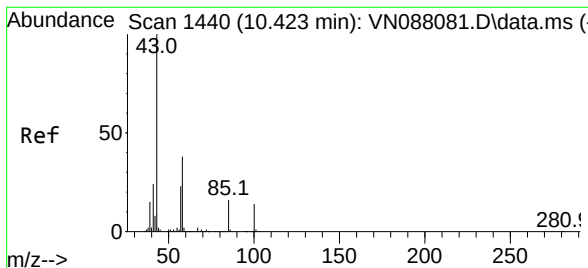
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#50
Toluene-d8
Concen: 49.739 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

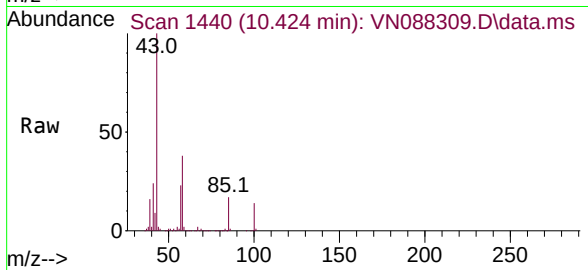
Tgt Ion: 98 Resp: 537465
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 126.017 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

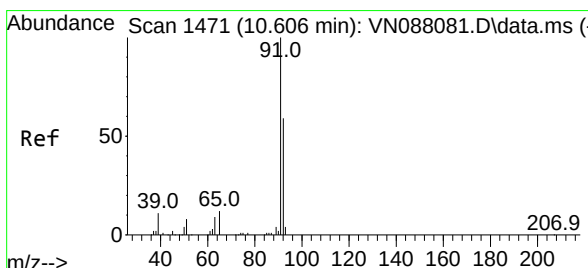
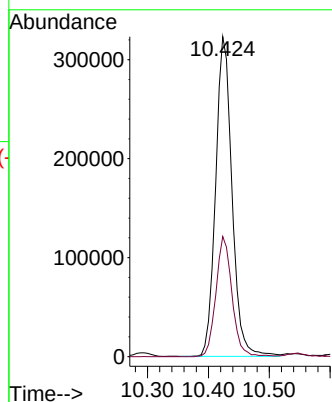
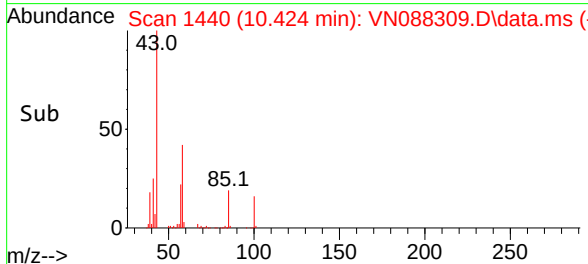
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 43 Resp: 605325
Ion Ratio Lower Upper
43 100
58 36.9 29.6 44.4

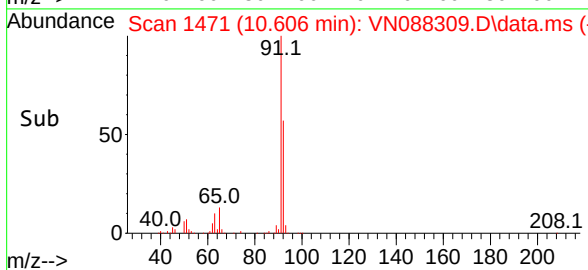
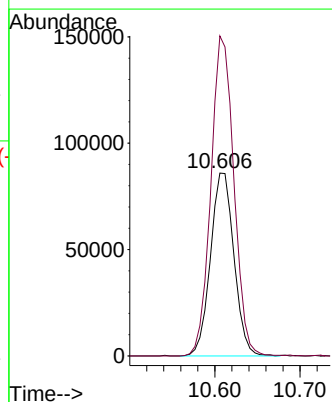
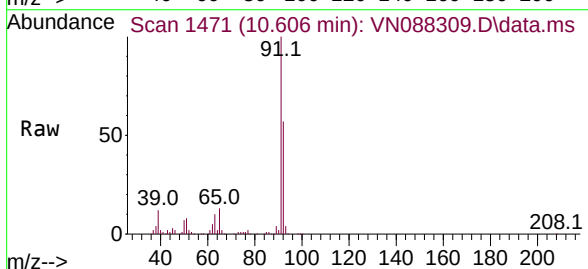
Manual Integrations
APPROVED

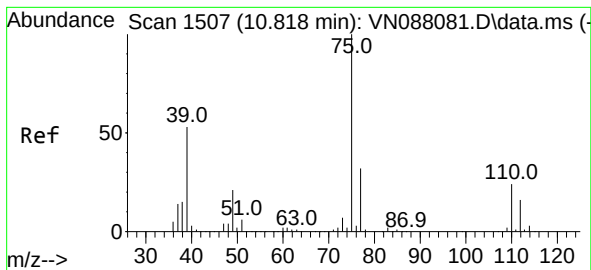
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#52
Toluene
Concen: 21.415 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 92 Resp: 164650
Ion Ratio Lower Upper
92 100
91 171.3 140.4 210.6





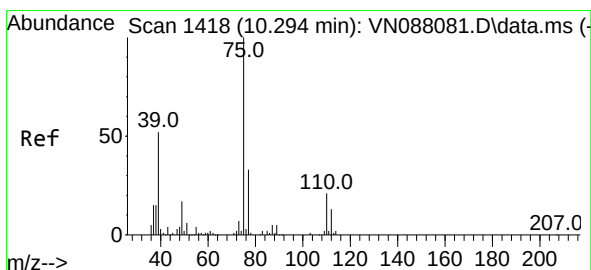
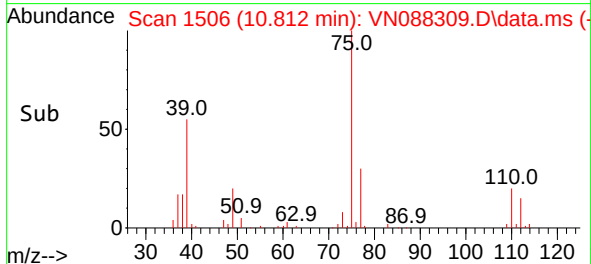
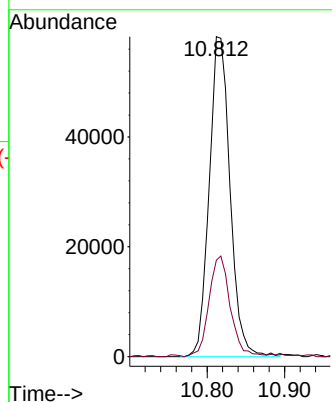
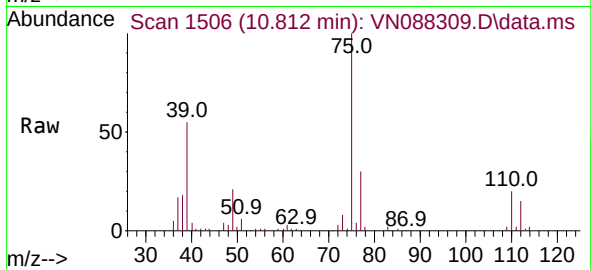
#53
t-1,3-Dichloropropene
Concen: 22.735 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 75 Resp: 108779
Ion Ratio Lower Upper
75 100
77 29.8 25.2 37.8

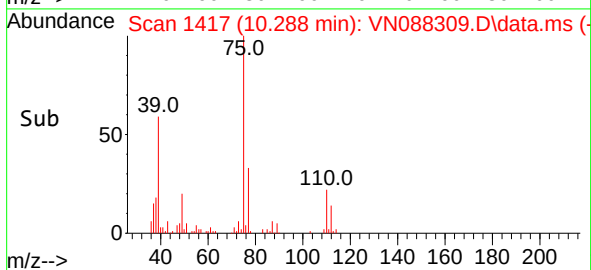
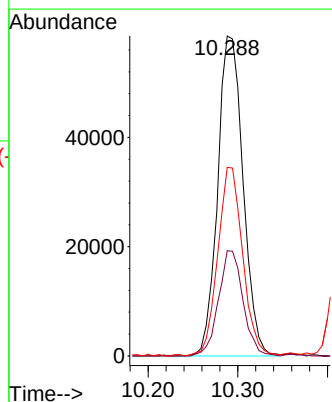
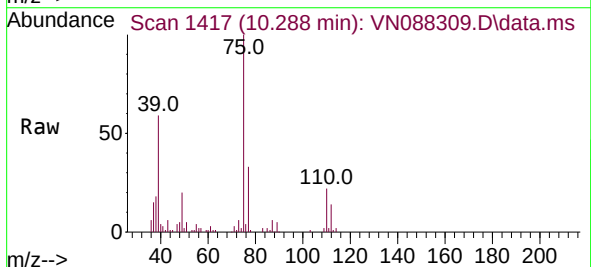
Manual Integrations
APPROVED

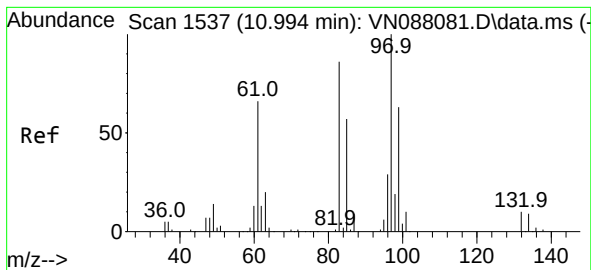
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#54
cis-1,3-Dichloropropene
Concen: 22.771 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

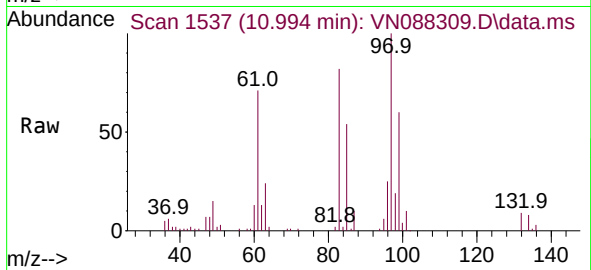
Tgt Ion: 75 Resp: 115610
Ion Ratio Lower Upper
75 100
77 32.9 24.6 37.0
39 58.6 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 23.441 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

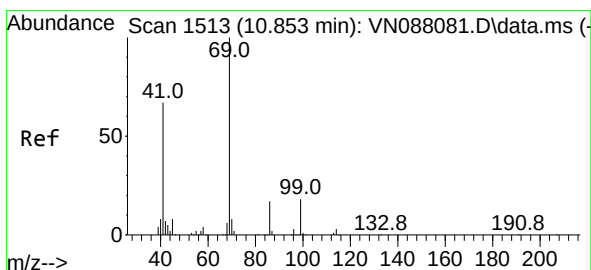
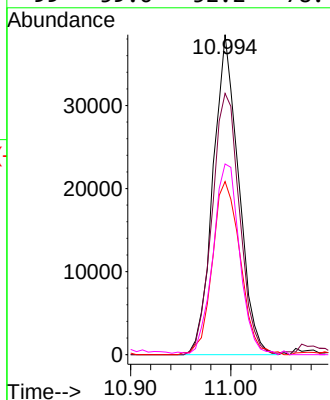
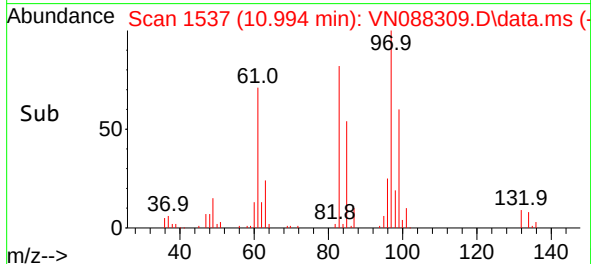
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



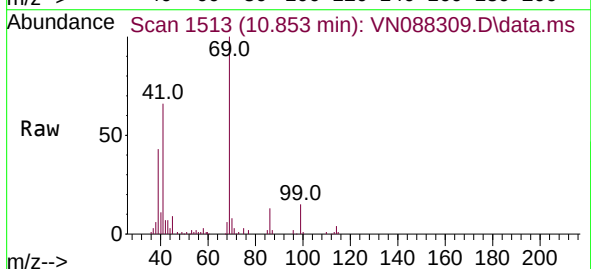
Tgt Ion:	97	Resp:	6837
Ion Ratio	Lower	Upper	
97	100		
83	81.6	68.2	102.4
85	54.1	45.5	68.3
99	59.6	52.2	78.4

Manual Integrations
APPROVED

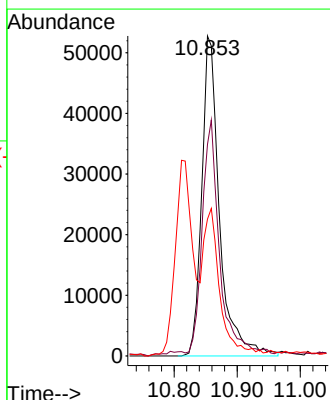
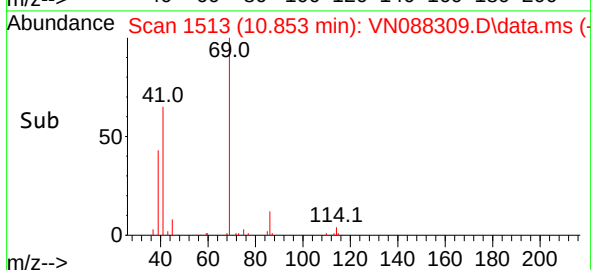
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

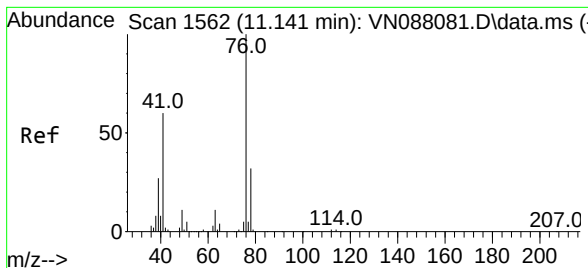


#56
Ethyl methacrylate
Concen: 22.309 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



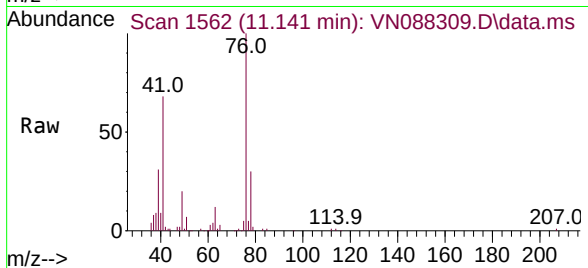
Tgt Ion:	69	Resp:	102978
Ion Ratio	Lower	Upper	
69	100		
41	71.6	56.5	84.7
39	39.7	34.2	51.4





#57
1,3-Dichloropropane
Concen: 23.256 ug/l
RT: 11.141 min Scan# 119234
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

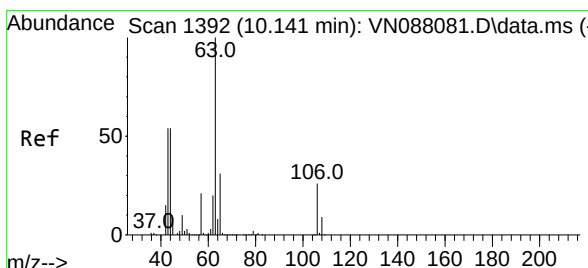
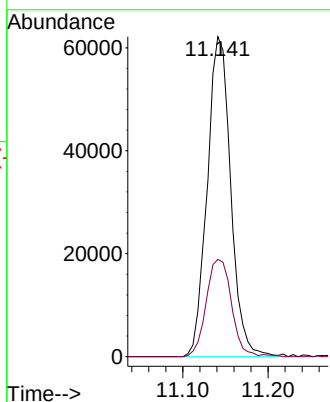
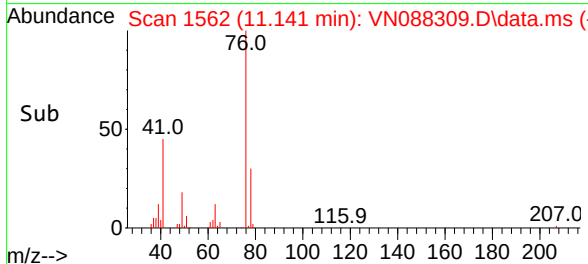
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 76 Resp: 119234
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4

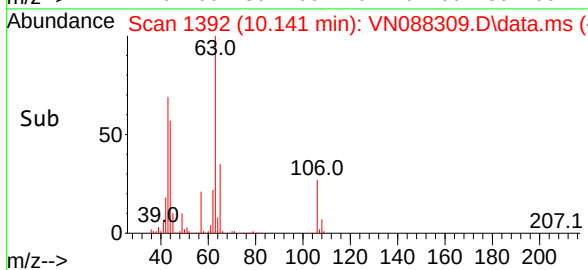
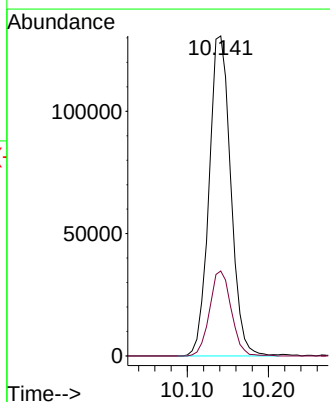
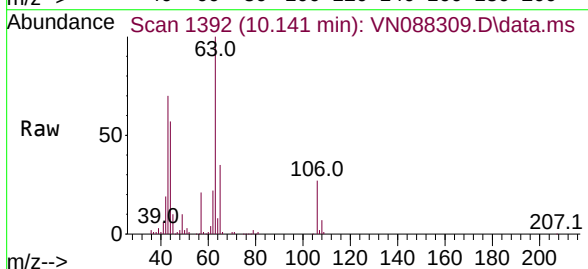
Manual Integrations
APPROVED

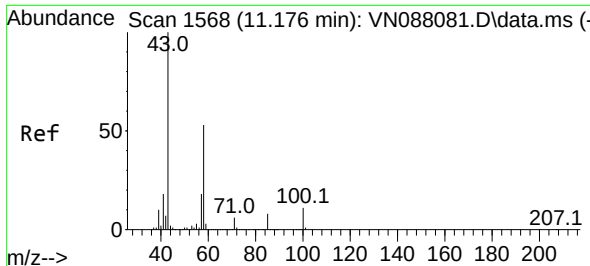
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 101.099 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 63 Resp: 242746
Ion Ratio Lower Upper
63 100
106 26.5 21.1 31.7





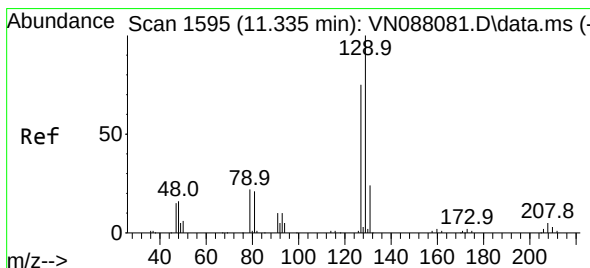
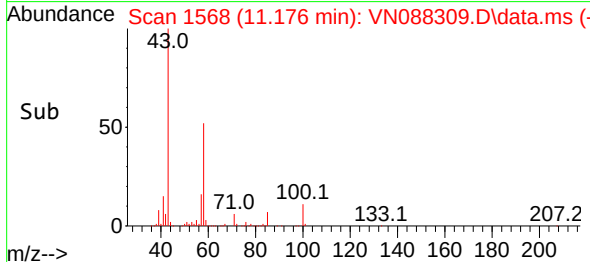
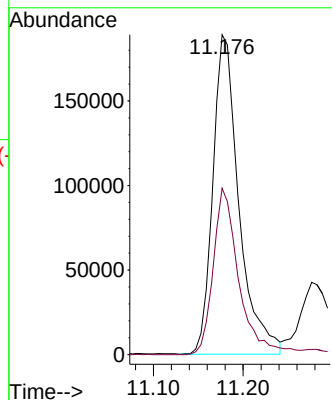
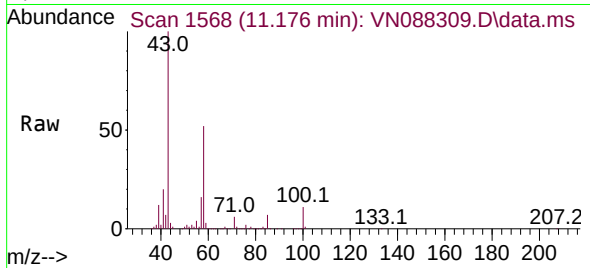
#59
2-Hexanone
Concen: 119.694 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 43 Resp: 38141
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8

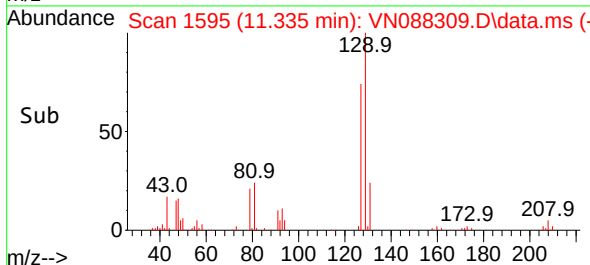
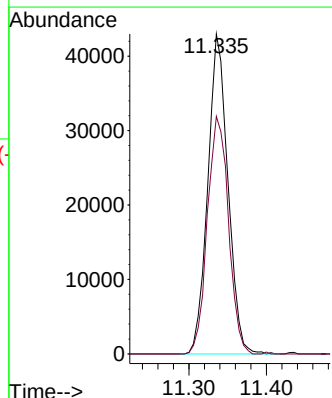
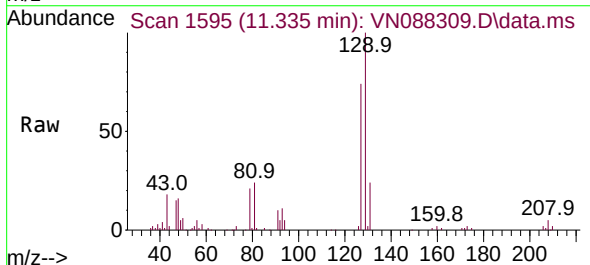
Manual Integrations
APPROVED

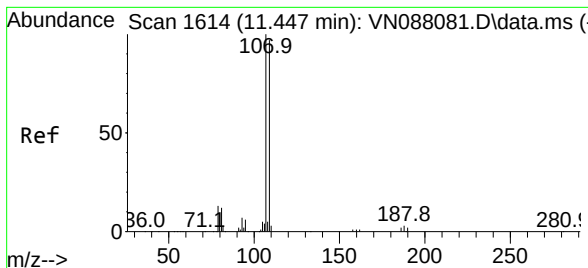
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#60
Dibromochloromethane
Concen: 23.345 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

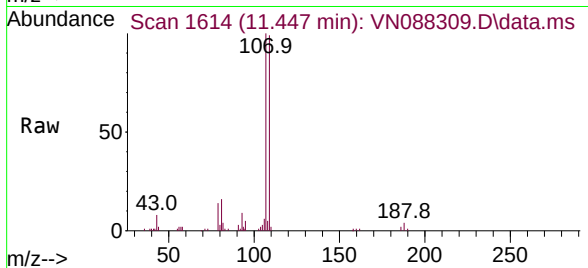
Tgt Ion:129 Resp: 77397
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





#61
1,2-Dibromoethane
Concen: 22.883 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

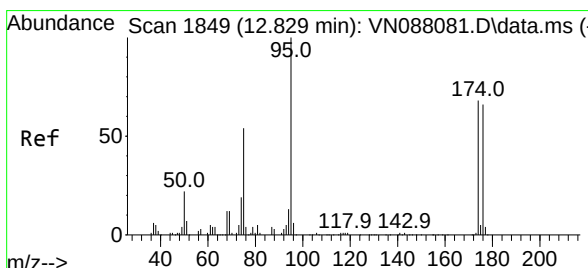
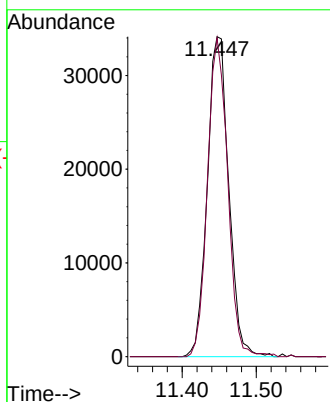
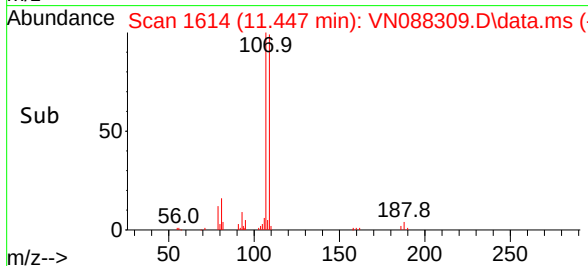
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



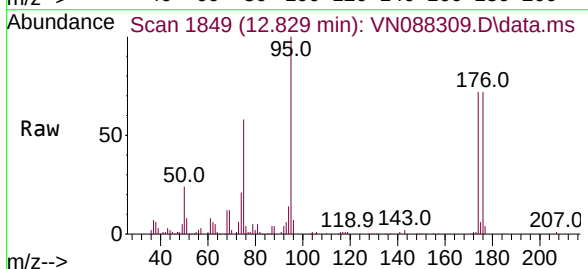
Tgt Ion:107 Resp: 68694
Ion Ratio Lower Upper
107 100
109 93.6 74.7 112.1

Manual Integrations
APPROVED

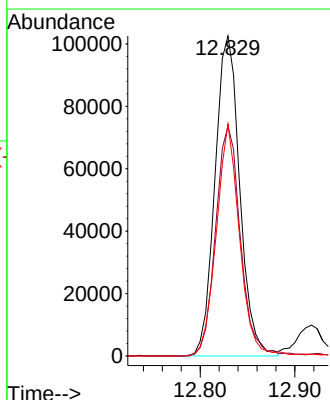
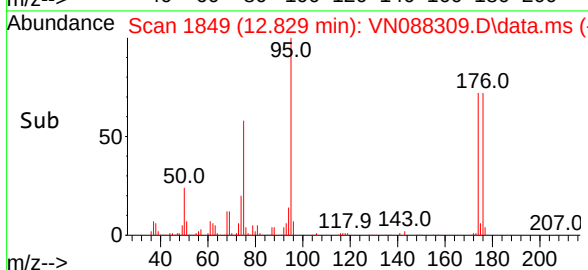
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

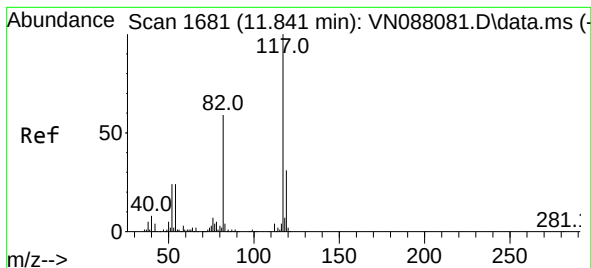


#62
4-Bromofluorobenzene
Concen: 48.823 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



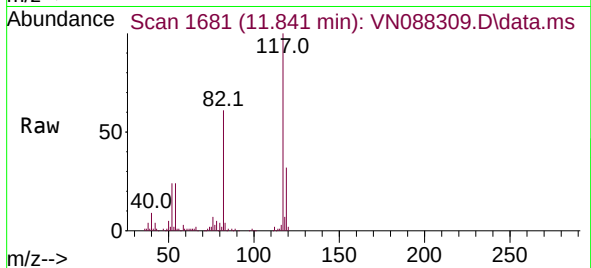
Tgt Ion: 95 Resp: 186317
Ion Ratio Lower Upper
95 100
174 72.0 0.0 138.4
176 67.7 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

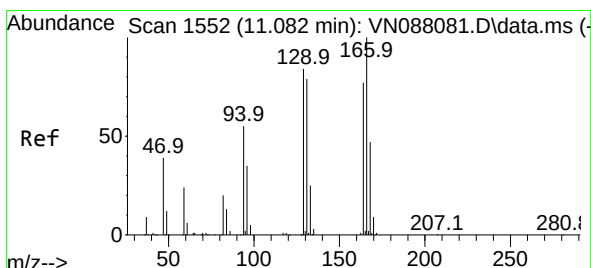
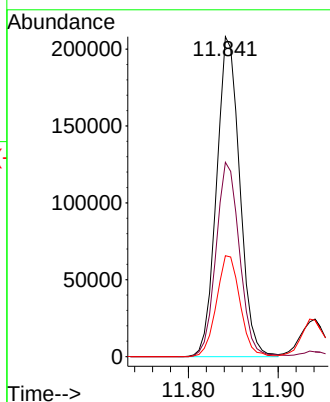
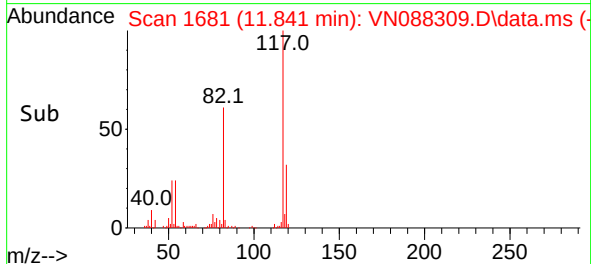
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



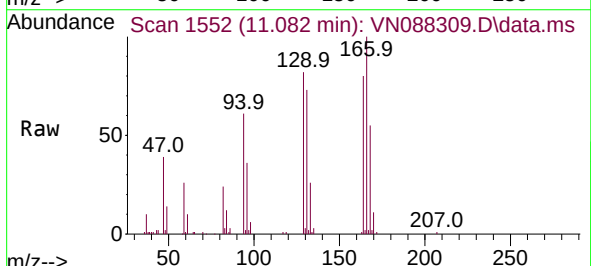
Tgt Ion:117 Resp: 375508
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 31.5 24.3 36.5

Manual Integrations
APPROVED

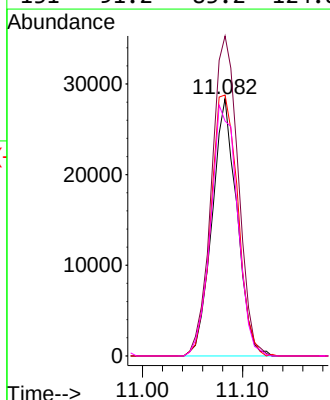
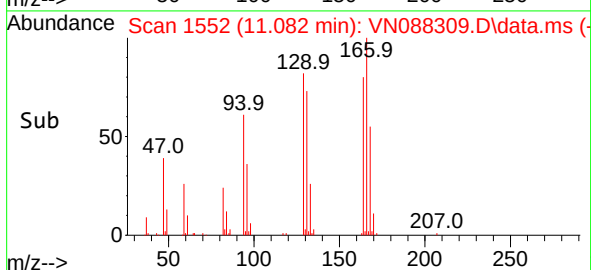
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

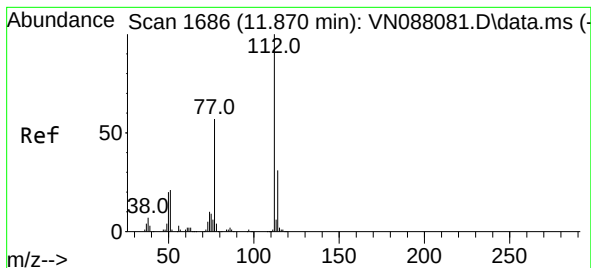


#64
Tetrachloroethene
Concen: 19.746 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



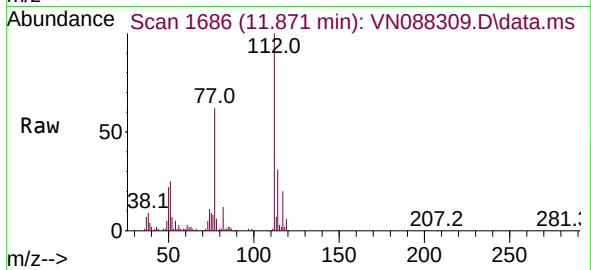
Tgt Ion:164 Resp: 48910
Ion Ratio Lower Upper
164 100
166 124.3 97.7 146.5
129 101.4 85.9 128.9
131 91.2 83.2 124.8





#65
Chlorobenzene
Concen: 21.609 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

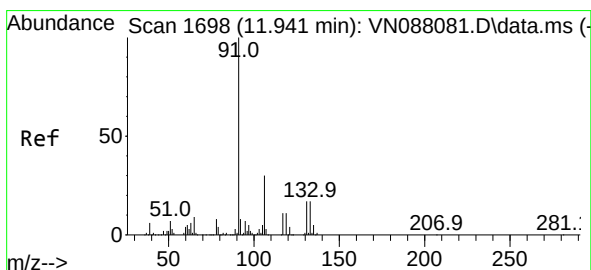
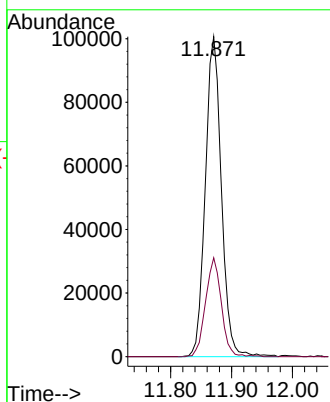
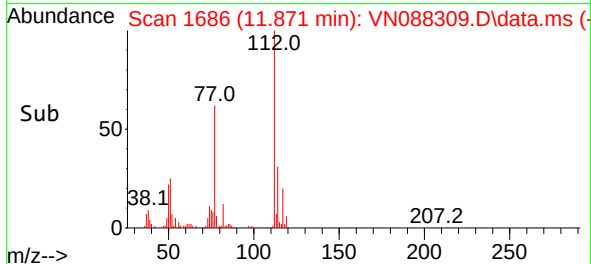
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



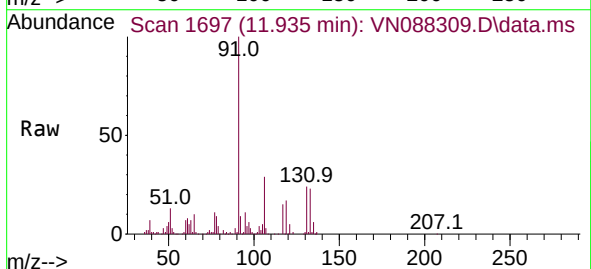
Tgt Ion:112 Resp: 184250
Ion Ratio Lower Upper
112 100
114 30.9 24.3 36.5

Manual Integrations
APPROVED

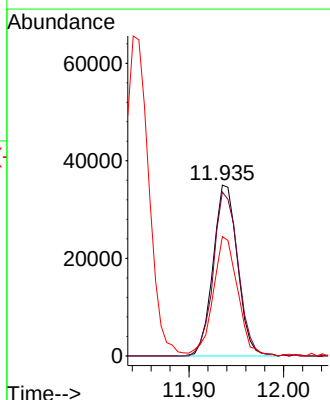
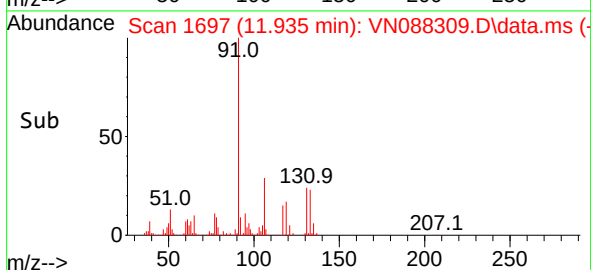
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

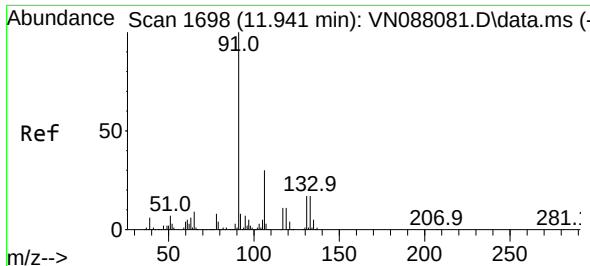


#66
1,1,1,2-Tetrachloroethane
Concen: 22.492 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



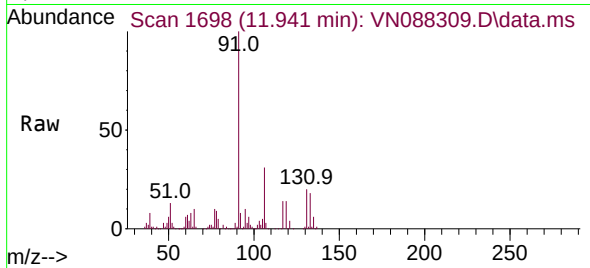
Tgt Ion:131 Resp: 62830
Ion Ratio Lower Upper
131 100
133 97.6 48.0 144.0
119 69.9 32.6 97.7





#67
Ethyl Benzene
Concen: 20.723 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

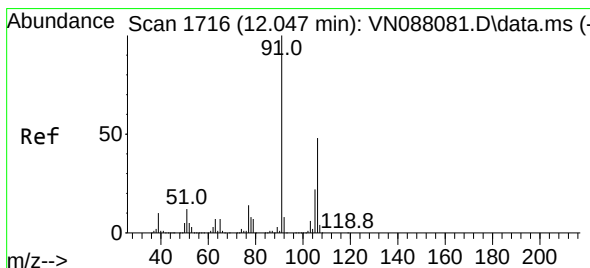
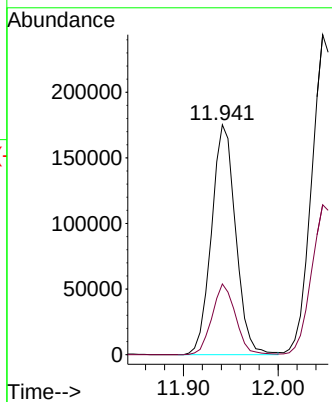
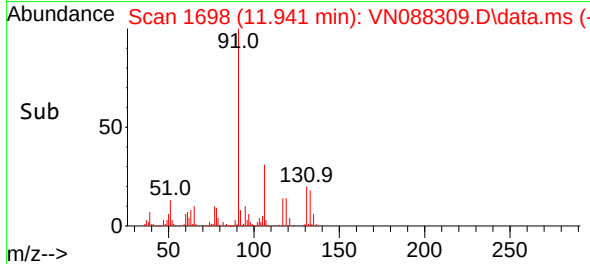
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



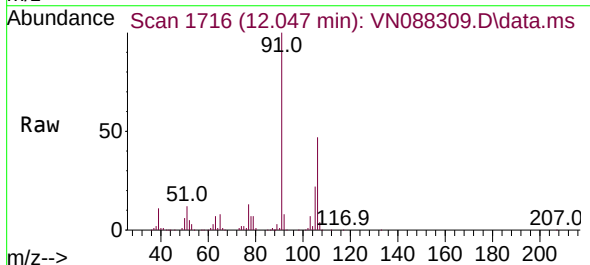
Tgt Ion: 91 Resp: 310154
Ion Ratio Lower Upper
91 100
106 30.7 24.1 36.1

Manual Integrations
APPROVED

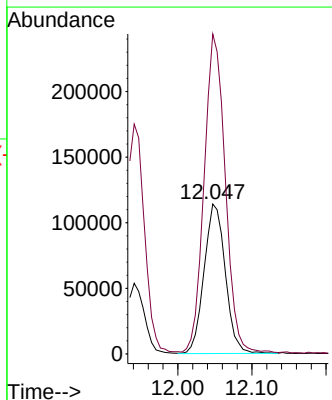
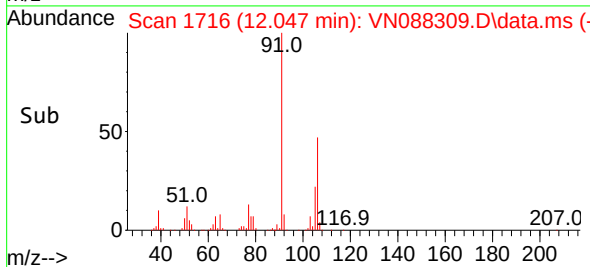
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

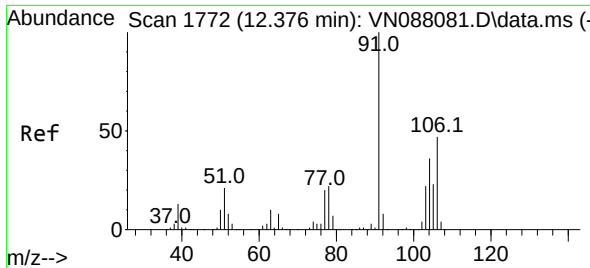


#68
m/p-Xylenes
Concen: 40.579 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



Tgt Ion:106 Resp: 227561
Ion Ratio Lower Upper
106 100
91 211.9 169.3 253.9





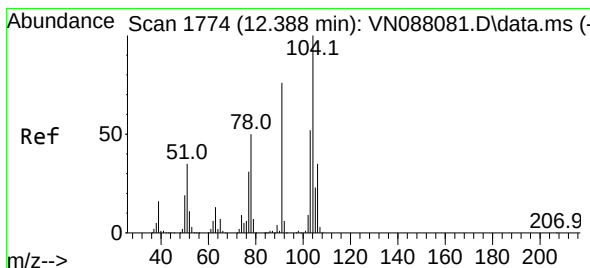
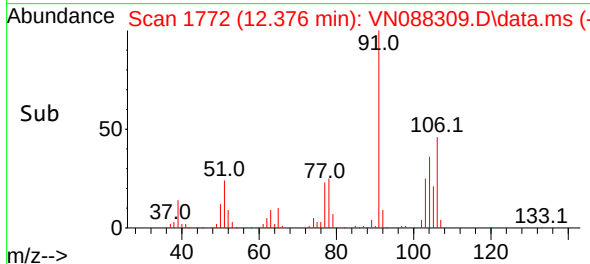
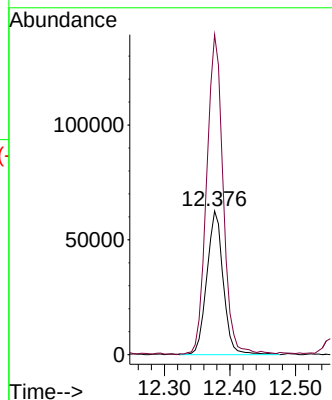
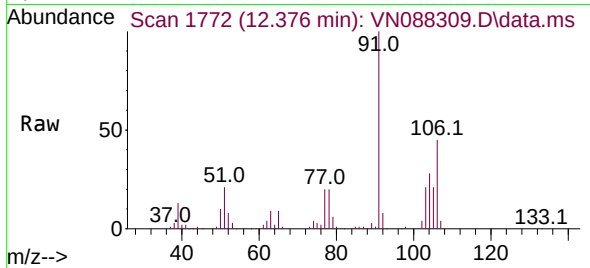
#69
o-Xylene
Concen: 20.403 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion:106 Resp: 108463
Ion Ratio Lower Upper
106 100
91 223.5 111.4 334.2

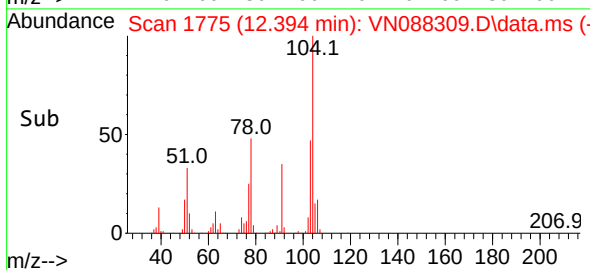
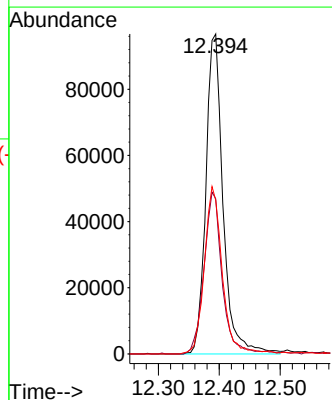
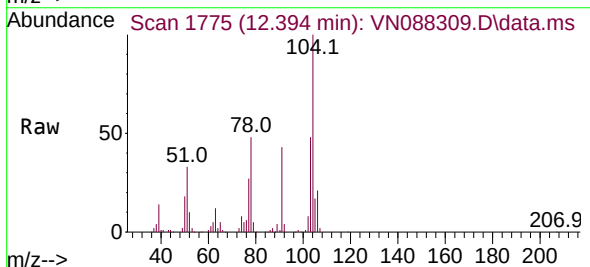
Manual Integrations
APPROVED

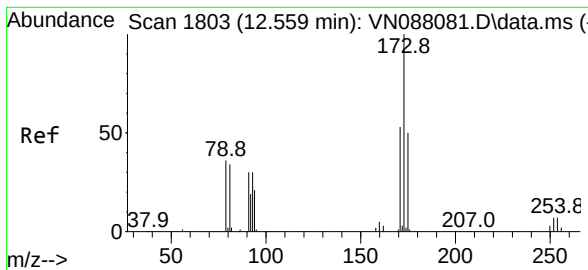
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#70
Styrene
Concen: 21.857 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

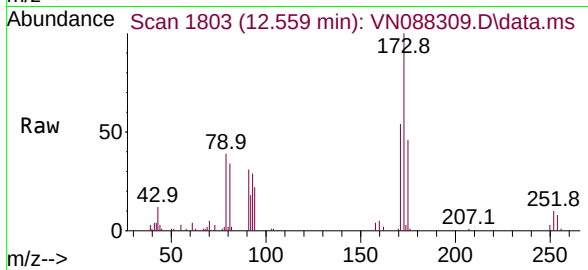
Tgt Ion:104 Resp: 189472
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.2
103 54.8 43.4 65.2





#71
Bromoform
Concen: 23.013 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

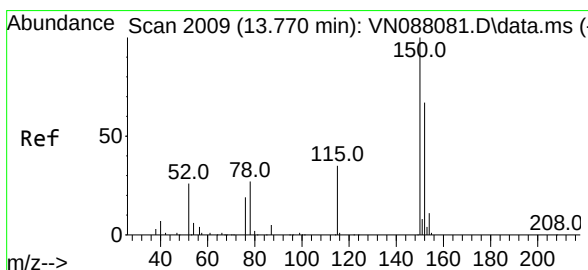
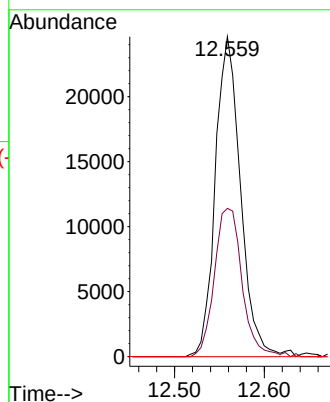
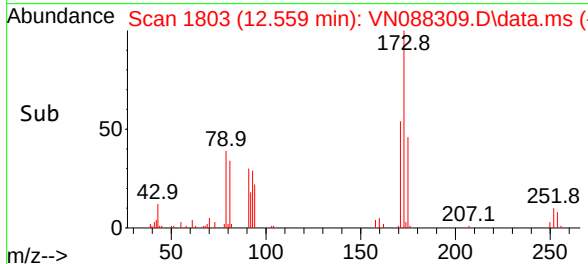
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



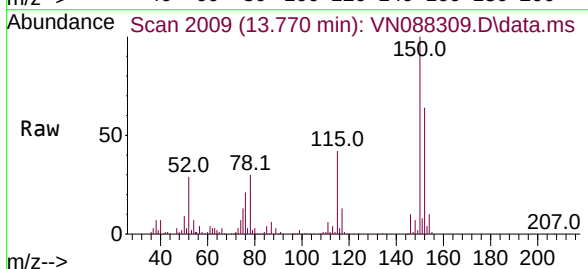
Tgt Ion:173 Resp: 47975
Ion Ratio Lower Upper
173 100
175 51.2 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

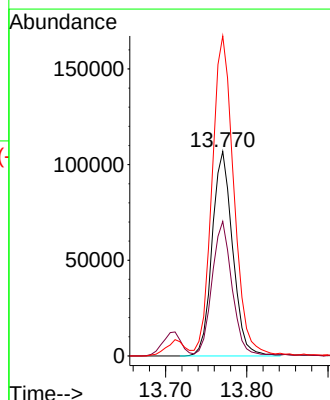
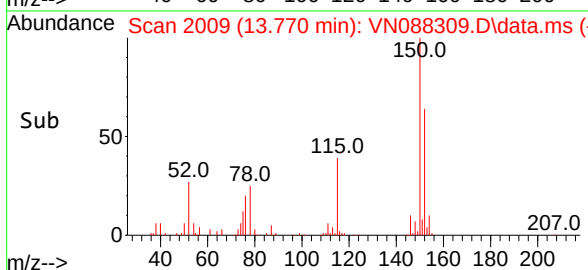
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

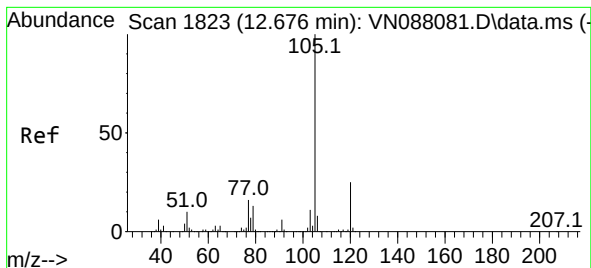


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35



Tgt Ion:152 Resp: 187417
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 165.6 0.0 351.0





#73

Isopropylbenzene

Concen: 19.984 ug/l

RT: 12.676 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion:105 Resp: 288865

Ion Ratio Lower Upper

105 100

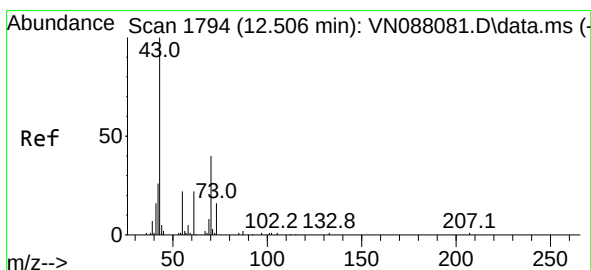
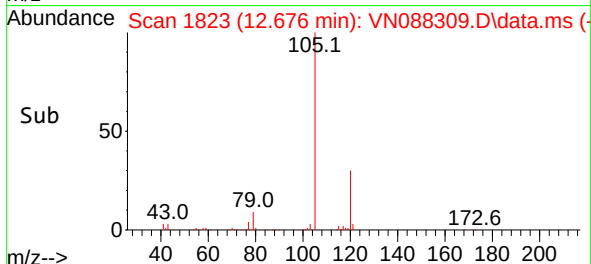
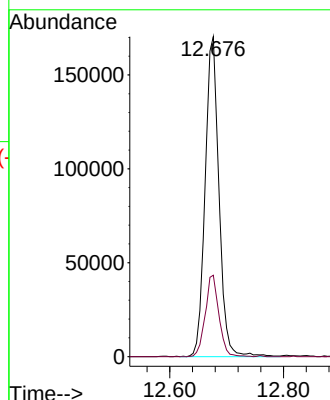
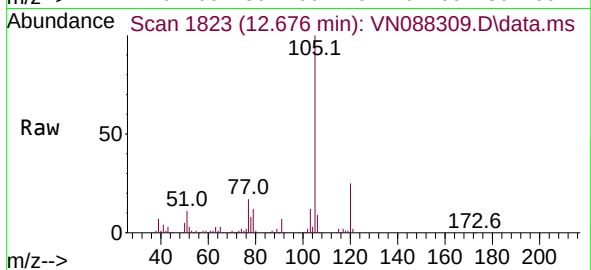
120 25.1 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#74

N-ethyl acetate

Concen: 22.098 ug/l m

RT: 12.588 min Scan# 1808

Delta R.T. 0.088 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Tgt Ion: 43 Resp: 90678

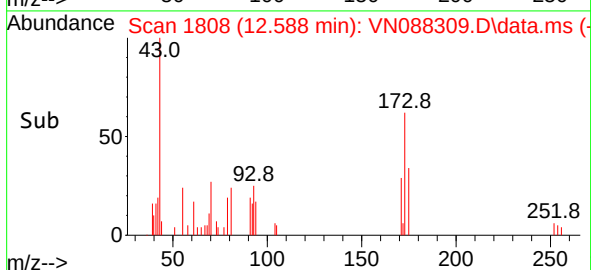
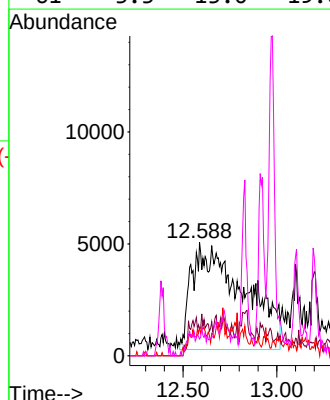
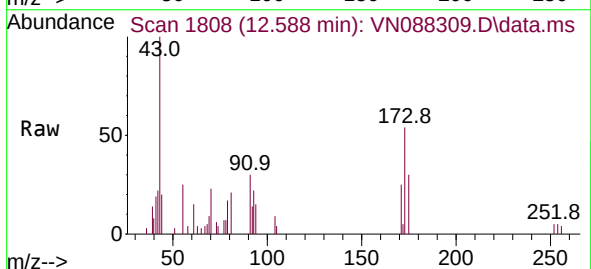
Ion Ratio Lower Upper

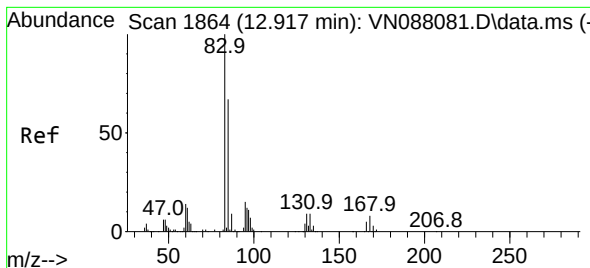
43 100

70 4.0 27.6 41.4#

55 2.7 13.0 19.6#

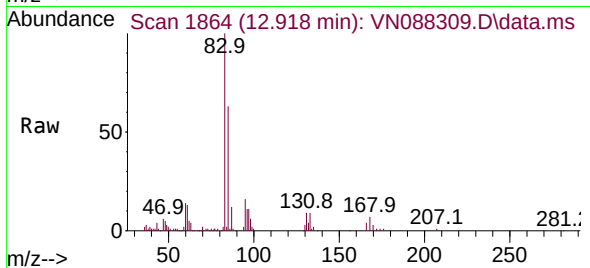
61 3.3 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 24.480 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

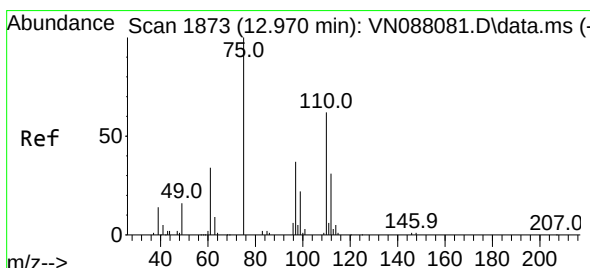
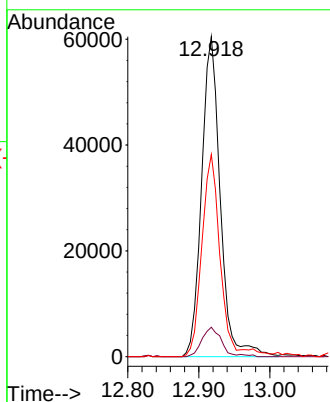
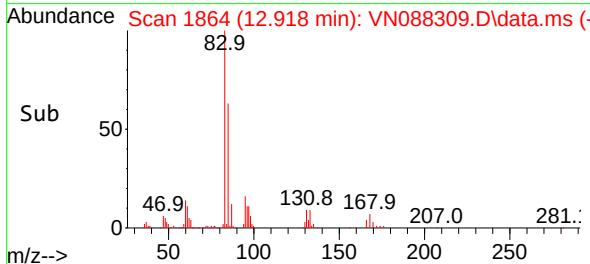
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 83 Resp: 110166
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 60.2 32.1 96.3

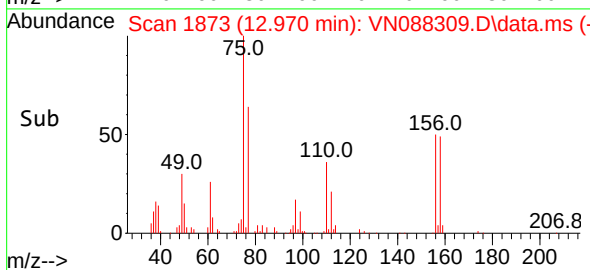
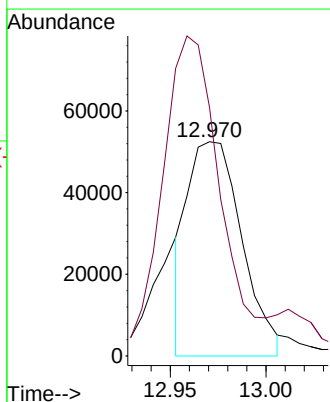
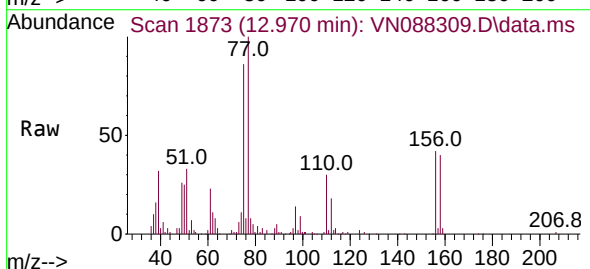
Manual Integrations
APPROVED

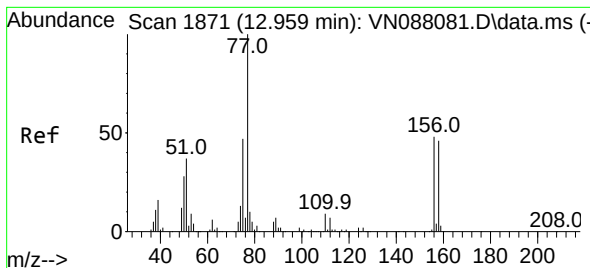
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#76
1,2,3-Trichloropropane
Concen: 24.086 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 75 Resp: 103208
Ion Ratio Lower Upper
75 100
77 161.0 89.1 267.4





#77

Bromobenzene

Concen: 22.342 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

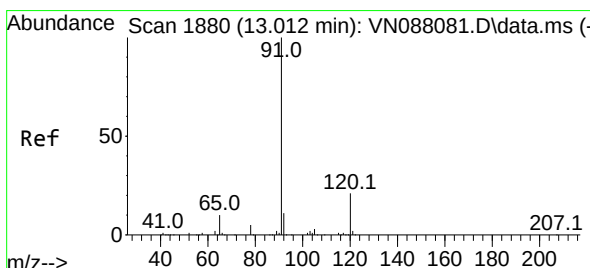
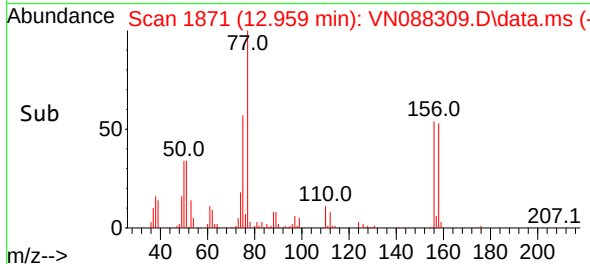
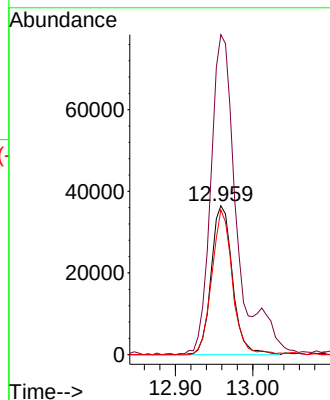
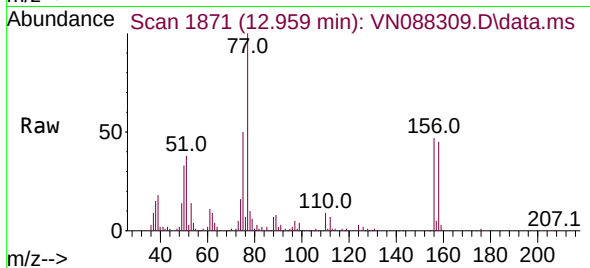
Tgt Ion:156 Resp: 69643
 Ion Ratio Lower Upper
 156 100
 77 238.5 119.3 358.0
 158 94.0 48.2 144.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#78

n-propylbenzene

Concen: 20.424 ug/l

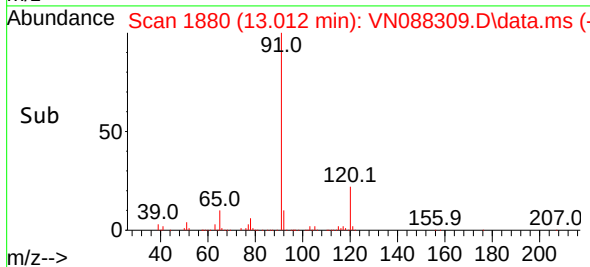
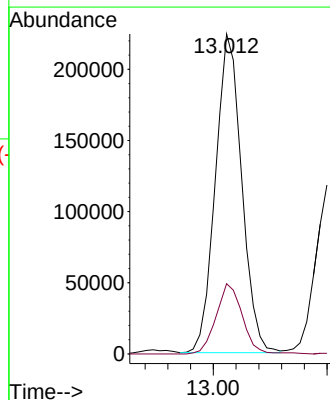
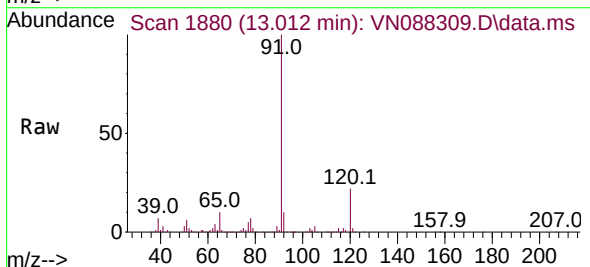
RT: 13.012 min Scan# 1880

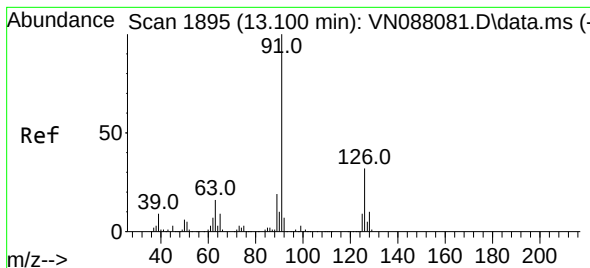
Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Tgt Ion: 91 Resp: 360277
 Ion Ratio Lower Upper
 91 100
 120 21.9 10.7 32.1





#79

2-Chlorotoluene

Concen: 21.344 ug/l

RT: 13.106 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 91 Resp: 214714

Ion Ratio Lower Upper

91 100

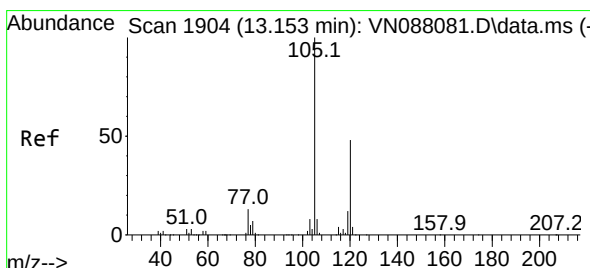
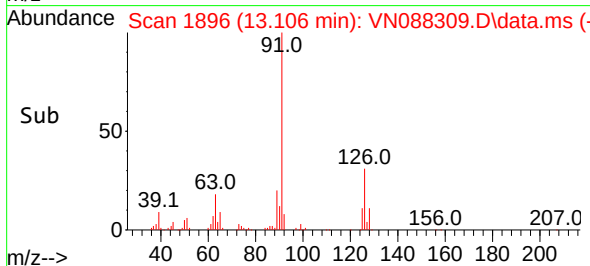
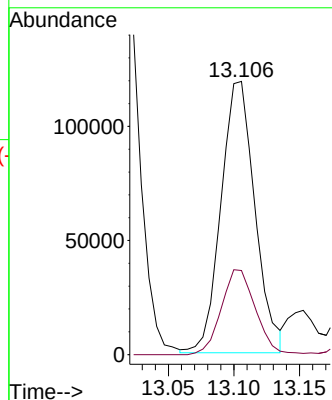
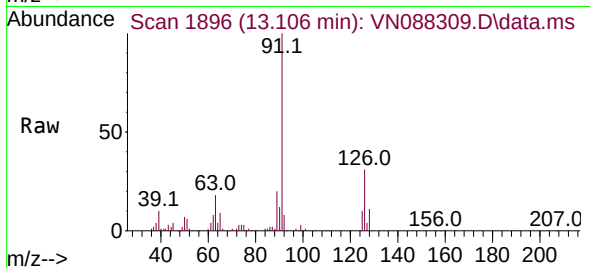
126 31.5 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#80

1,3,5-Trimethylbenzene

Concen: 20.295 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN088309.D

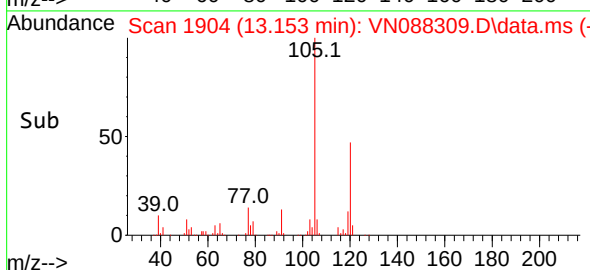
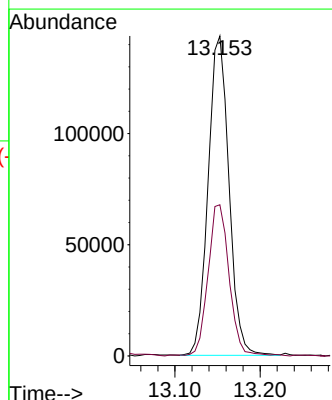
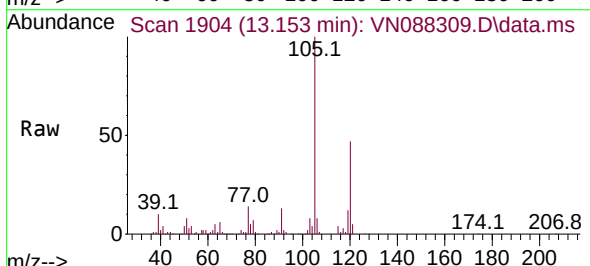
Acq: 18 Nov 2025 11:35

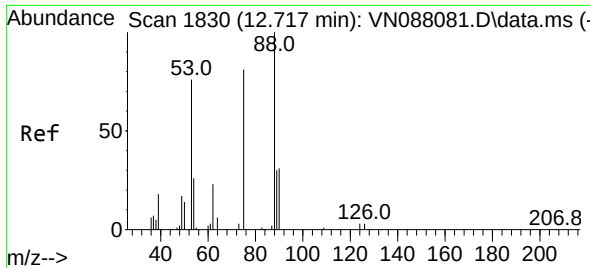
Tgt Ion:105 Resp: 243644

Ion Ratio Lower Upper

105 100

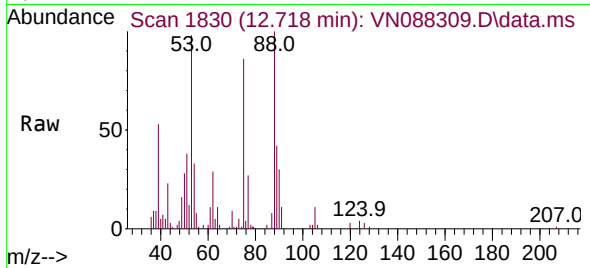
120 48.2 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.041 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

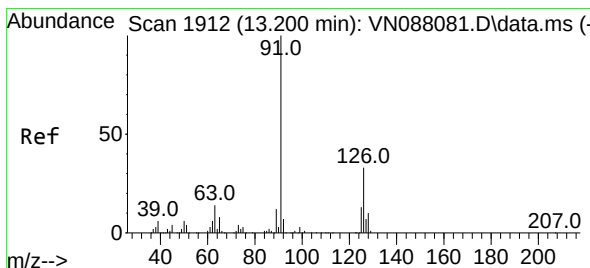
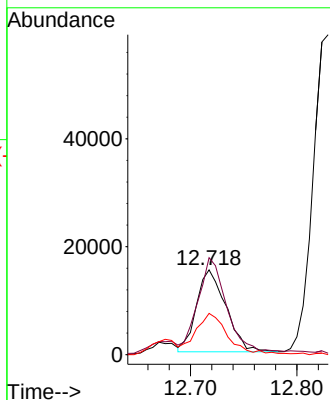
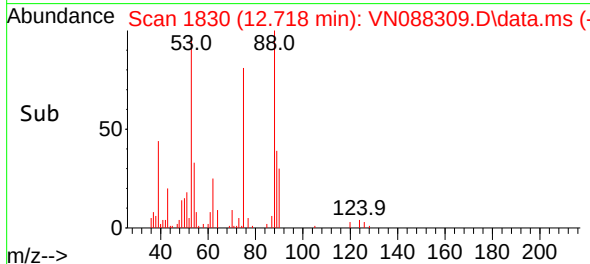
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 75 Resp: 29249
Ion Ratio Lower Upper
75 100
53 115.9 101.8 152.6
89 55.8 35.6 53.4

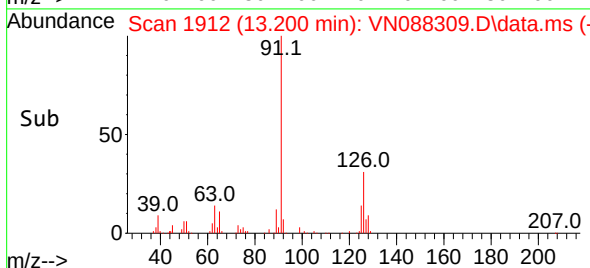
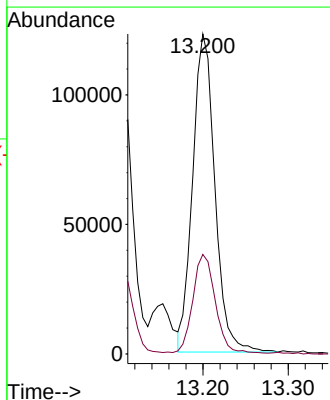
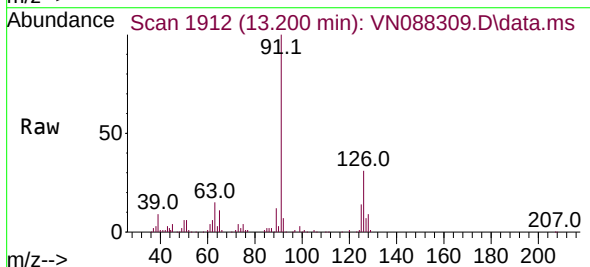
Manual Integrations
APPROVED

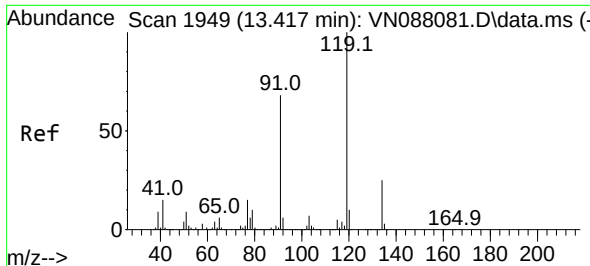
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#82
4-Chlorotoluene
Concen: 20.484 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 91 Resp: 222948
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8





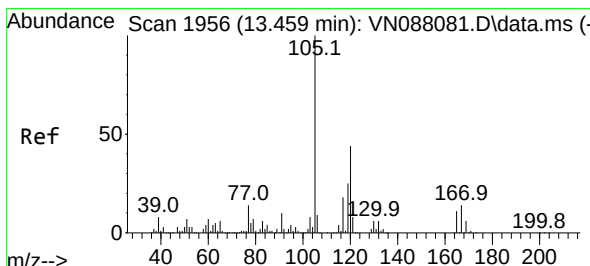
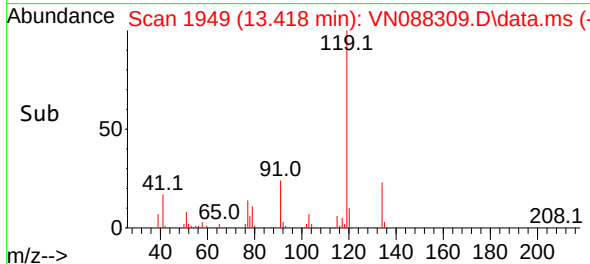
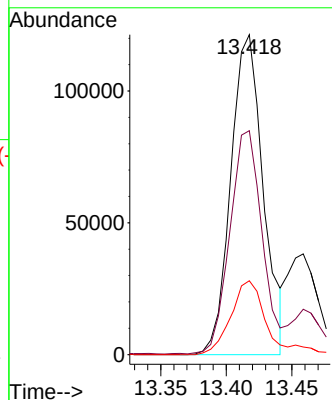
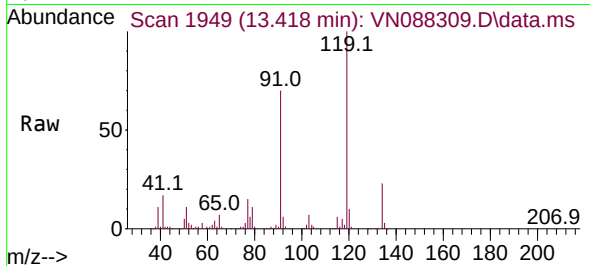
#83
tert-Butylbenzene
Concen: 19.502 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion:119 Resp: 209137
Ion Ratio Lower Upper
119 100
91 69.1 35.0 105.0
134 25.5 12.6 37.8

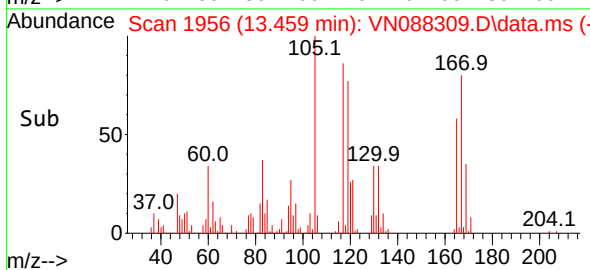
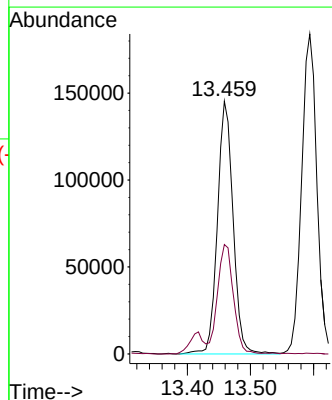
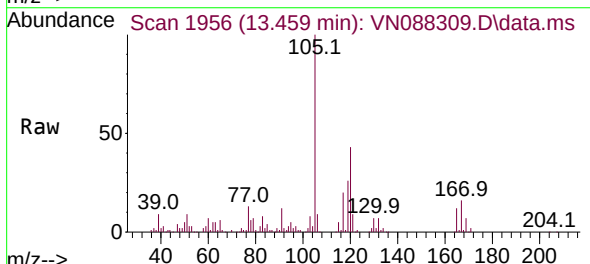
Manual Integrations
APPROVED

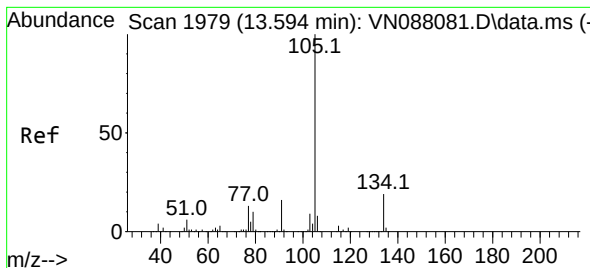
Reviewed By :Amit Patel 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.847 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion:105 Resp: 250392
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.505 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion:105 Resp: 30732

Ion Ratio Lower Upper

105 100

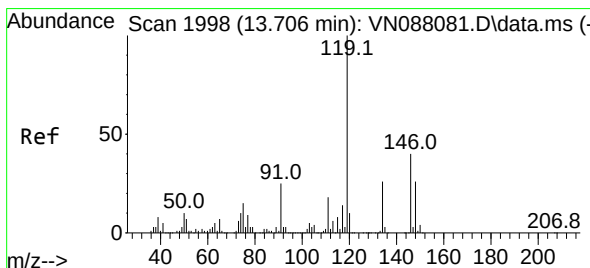
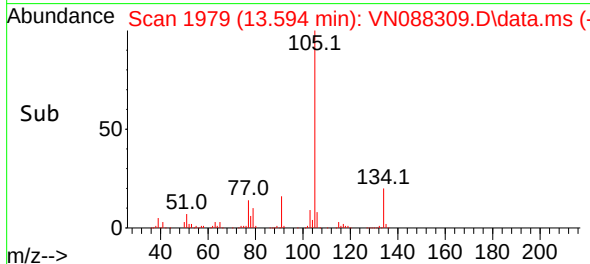
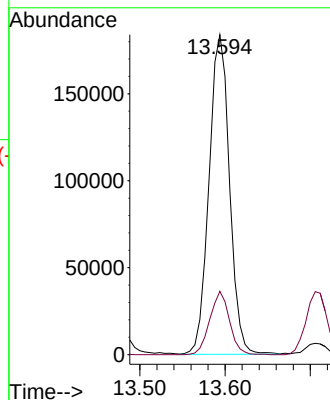
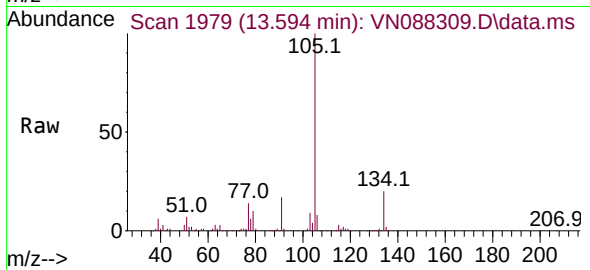
134 19.0 9.6 28.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#86

p-Isopropyltoluene

Concen: 19.713 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

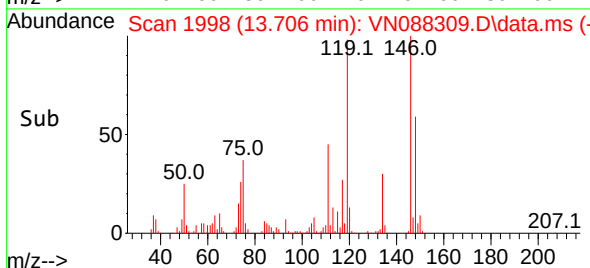
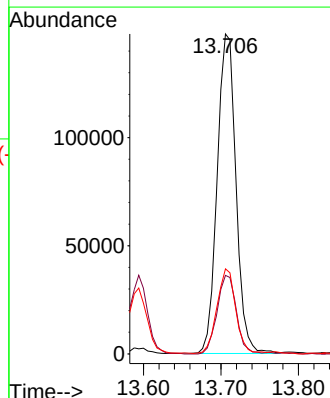
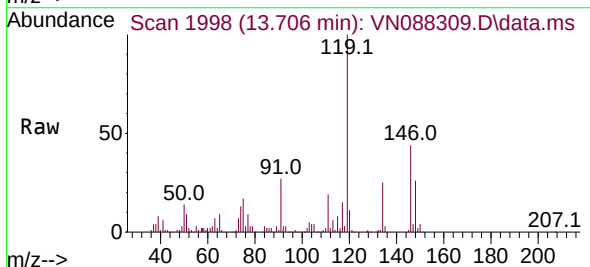
Tgt Ion:119 Resp: 249158

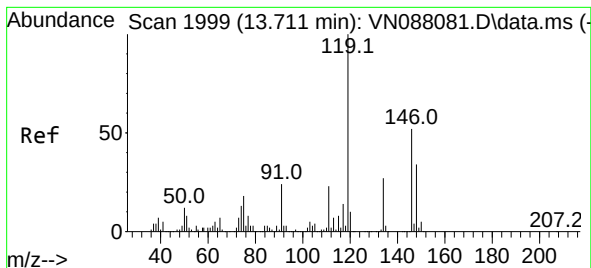
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.0

91 26.2 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 21.604 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

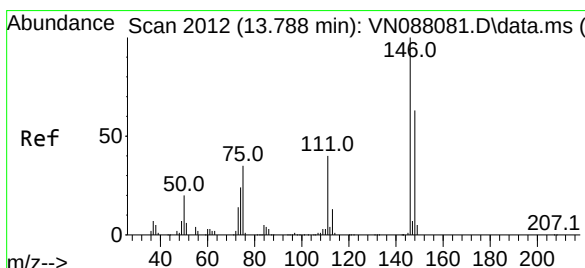
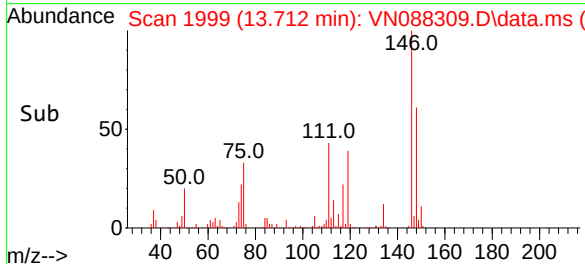
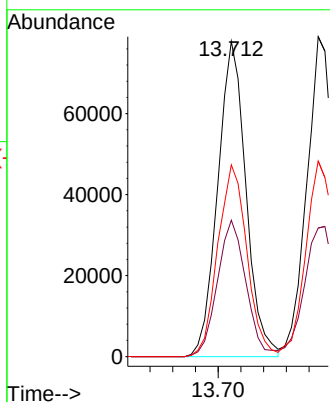
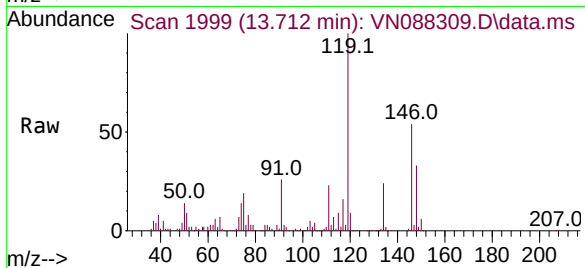
Tgt Ion:146 Resp: 134433
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.1 66.5
 148 62.8 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#88

1,4-Dichlorobenzene

Concen: 20.334 ug/l

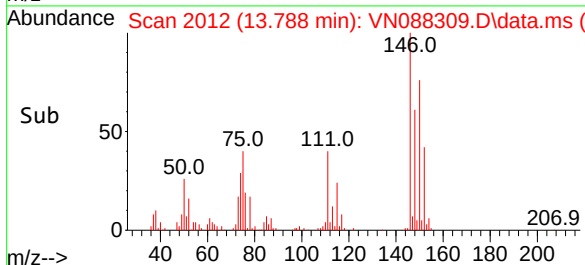
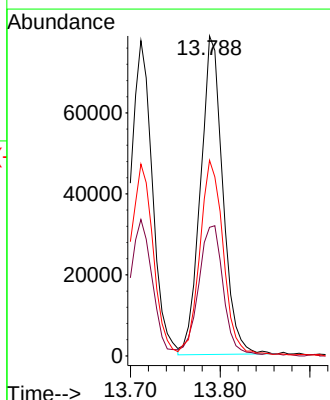
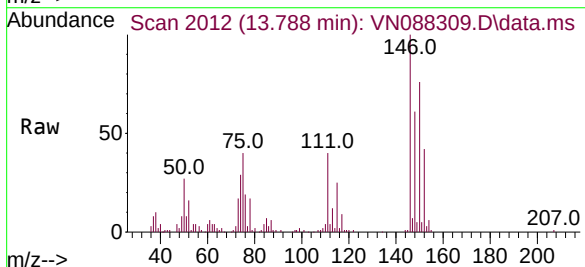
RT: 13.788 min Scan# 1212

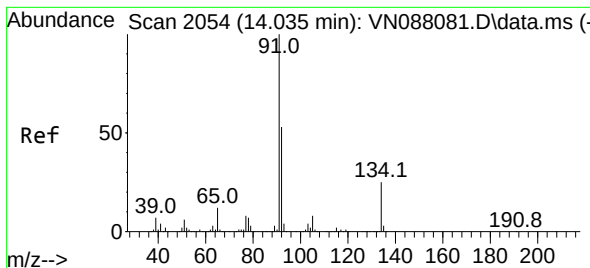
Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Tgt Ion:146 Resp: 135899
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.0 63.0
 148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 19.808 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

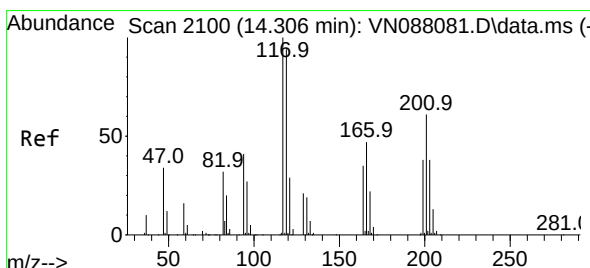
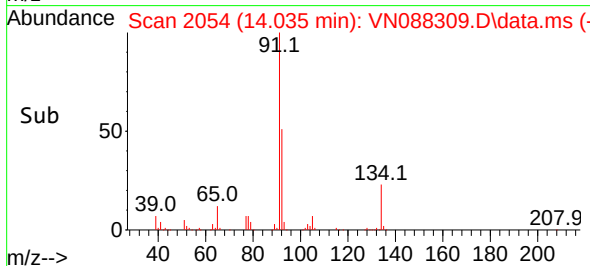
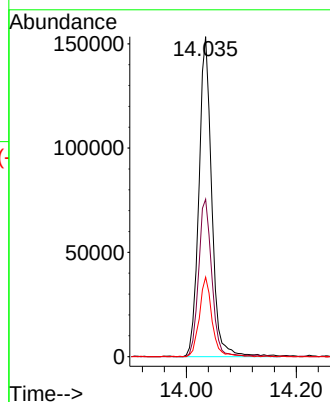
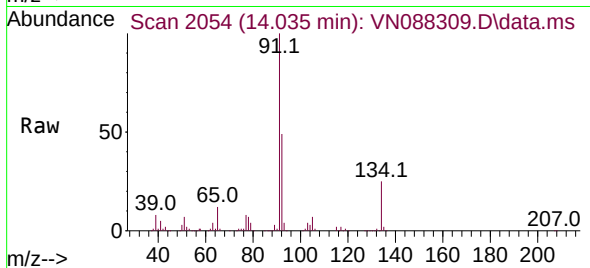
Tgt Ion:	91	Resp:	247992
Ion Ratio	Lower	Upper	
91	100		
92	50.4	25.9	77.8
134	24.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#90

Hexachloroethane

Concen: 20.556 ug/l

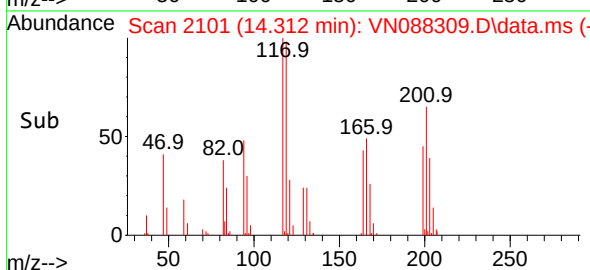
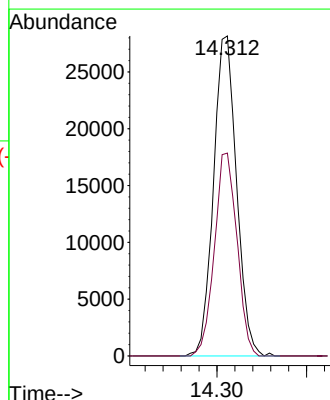
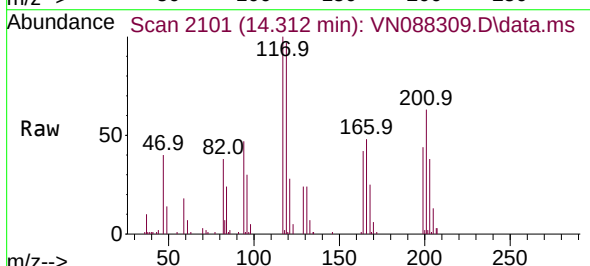
RT: 14.312 min Scan# 2101

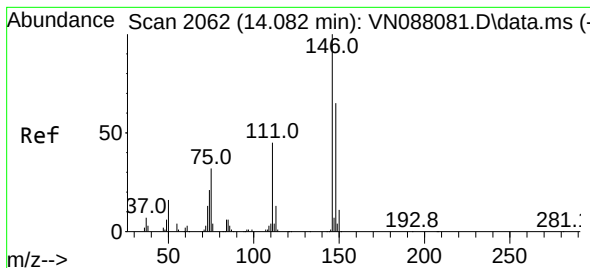
Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Tgt Ion:	117	Resp:	50313
Ion Ratio	Lower	Upper	
117	100		
201	62.1	29.1	87.4





#91

1,2-Dichlorobenzene

Concen: 21.725 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

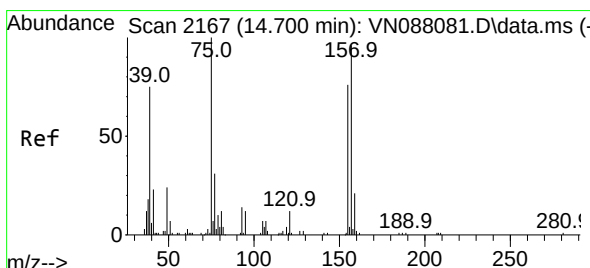
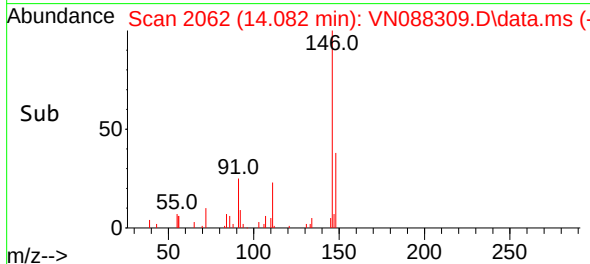
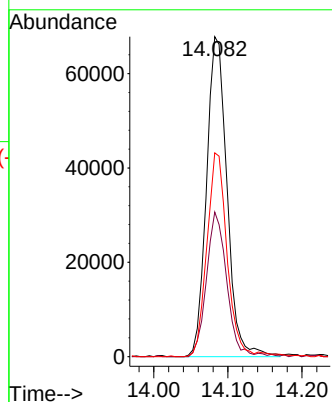
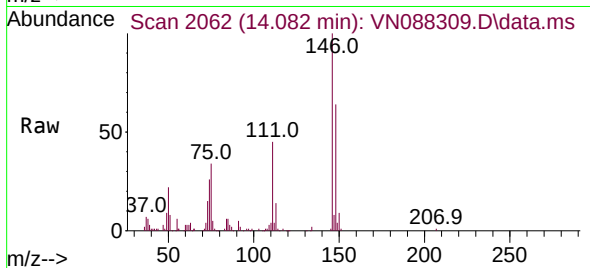
Tgt Ion:	146	Resp:	130312
Ion Ratio	Lower	Upper	
146	100		
111	44.8	22.6	67.8
148	63.6	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.800 ug/l

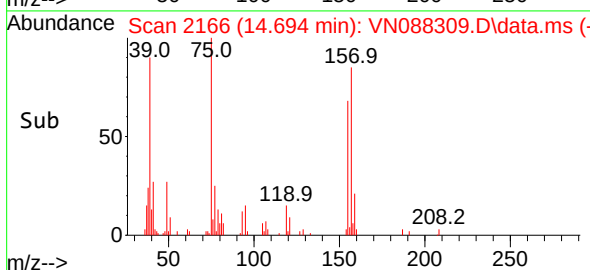
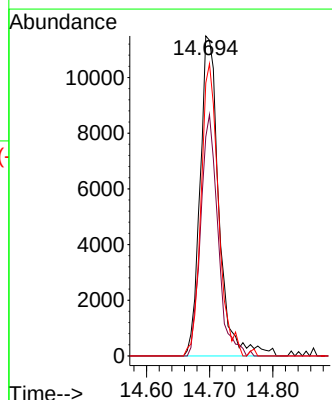
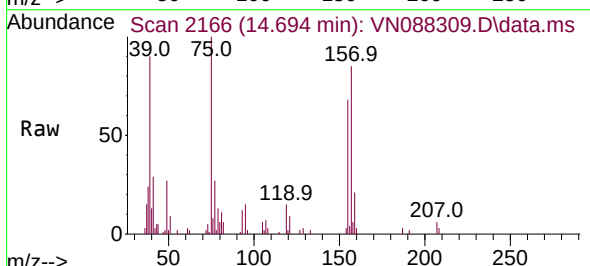
RT: 14.694 min Scan# 2166

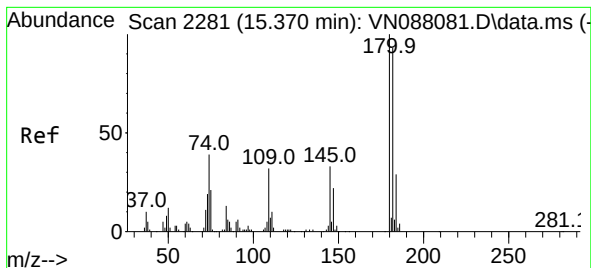
Delta R.T. -0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Tgt Ion:	75	Resp:	23882
Ion Ratio	Lower	Upper	
75	100		
155	68.7	36.6	109.9
157	83.9	45.6	136.9





#93

1,2,4-Trichlorobenzene

Concen: 20.067 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

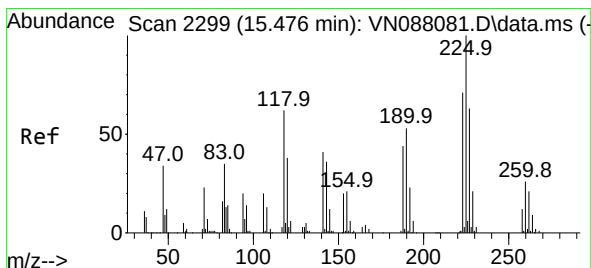
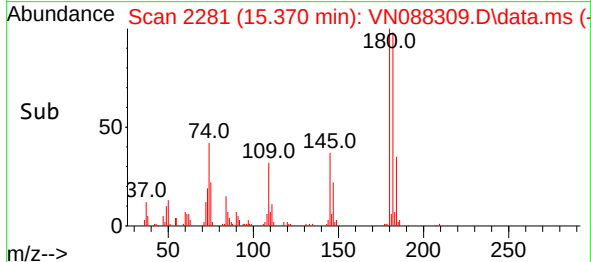
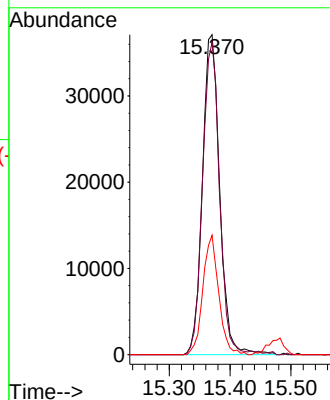
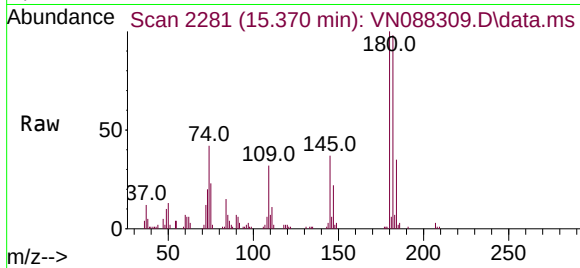
Tgt Ion:	180	Resp:	72895
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.6	142.9
145	34.3	16.5	49.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#94

Hexachlorobutadiene

Concen: 21.652 ug/l

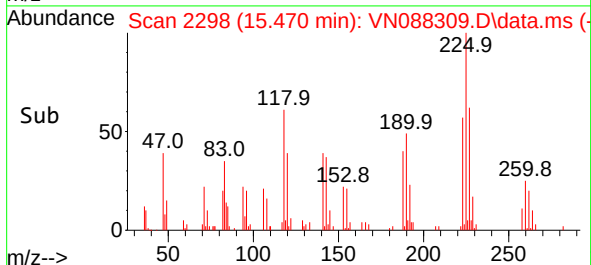
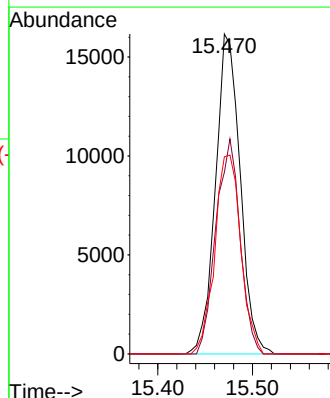
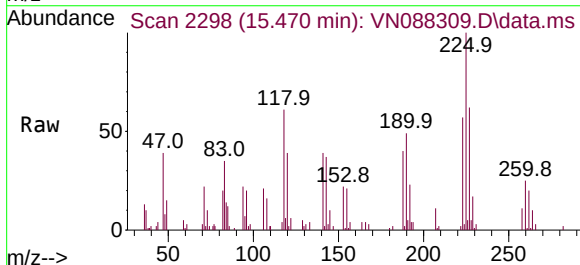
RT: 15.470 min Scan# 2298

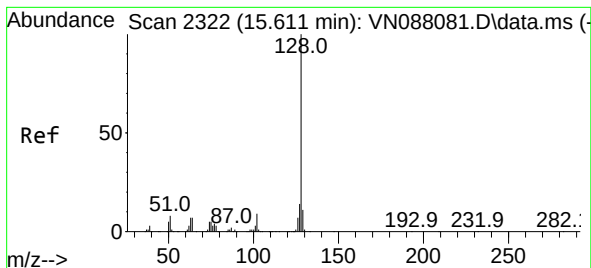
Delta R.T. -0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Tgt Ion:	225	Resp:	29290
Ion Ratio	Lower	Upper	
225	100		
223	65.6	32.0	96.2
227	65.3	32.1	96.5





#95

Naphthalene

Concen: 19.615 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

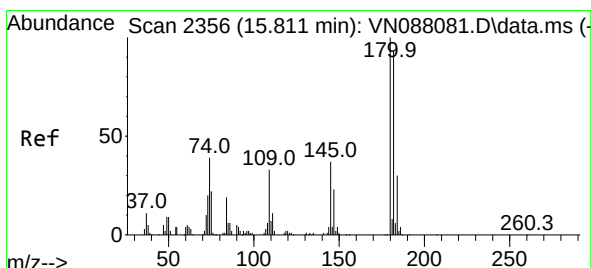
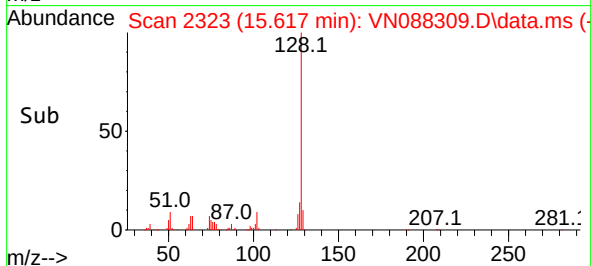
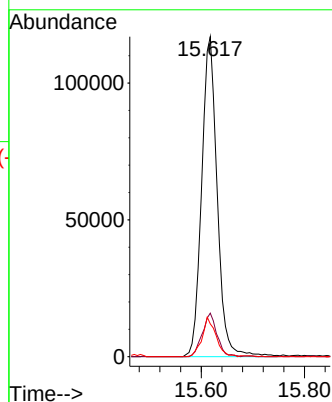
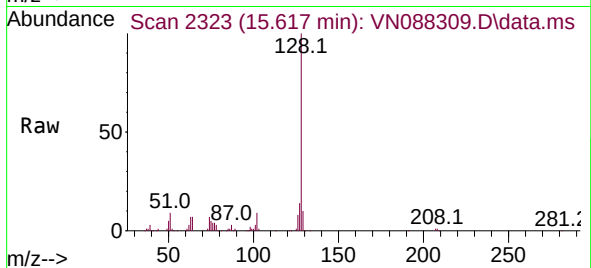
Tgt Ion:	128	Resp:	244096
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	15.8
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.564 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Tgt Ion:	180	Resp:	71625
Ion Ratio	Lower	Upper	
180	100		
182	93.2	46.8	140.3
145	35.4	17.3	52.0

