

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111425\
 Data File : VN088284.D
 Acq On : 14 Nov 2025 10:17
 Operator : JC\MD
 Sample : VN1114WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2025
 Supervised By : Mahesh Dadoda 11/17/2025

Quant Time: Nov 14 21:48:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	57783	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	307983	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	272076	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	155790	29.516	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.400%		
60) 4-Bromofluorobenzene	12.829	95	137356	29.865	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.533%		
63) Toluene-d8	10.547	98	393467	30.546	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.833%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	80968	19.934	ug/l	96
3) Chloromethane	2.383	50	81366	19.429	ug/l	94
4) Vinyl Chloride	2.536	62	83831	18.931	ug/l	96
5) Bromomethane	2.983	94	47613	20.165	ug/l	92
6) Chloroethane	3.142	64	52264	19.095	ug/l	94
7) Trichlorofluoromethane	3.512	101	120249	19.369	ug/l	93
8) Diethyl Ether	3.965	74	46423	20.006	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	62918	19.318	ug/l	99
10) 1,1-Dichloroethene	4.342	96	60609	19.075	ug/l	82
11) Methyl Iodide	4.583	142	61778	18.270	ug/l	93
12) Methyl Acetate	5.018	43	101813	19.862	ug/l	95
13) Acrolein	4.171	56	69495	92.145	ug/l	99
14) Acrylonitrile	5.706	53	228243	97.989	ug/l	98
15) Acetone	4.424	58	65068	95.525	ug/l	100
16) Carbon Disulfide	4.706	76	205379	19.165	ug/l	98
17) Allyl chloride	5.012	41	119625	19.374	ug/l	97
18) Methylene Chloride	5.265	84	77218	19.552	ug/l	97
19) trans-1,2-Dichloroethene	5.771	96	71150	19.230	ug/l	97
20) Diisopropyl ether	6.659	45	257638	19.526	ug/l	94
21) 1,1-Dichloroethane	6.553	63	141989	19.101	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	82202	19.115	ug/l	96
23) tert-Butyl Alcohol	5.524	59	79534	92.861	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	252525	19.712	ug/l	99
25) Chloroform	7.947	83	143969	19.546	ug/l	99
26) Cyclohexane	8.241	56	118545	18.880	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	99226	19.309	ug/l	85
30) 2-Butanone	7.471	43	319102	95.996	ug/l #	94
31) 2,2-Dichloropropane	7.477	77	120658	19.037	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	122238	19.296	ug/l	98
33) Carbon Tetrachloride	8.341	117	105234	19.453	ug/l	94
34) Benzene	8.583	78	294535	19.175	ug/l #	95
35) Methacrylonitrile	7.759	41	66657	19.224	ug/l	97
36) 1,2-Dichloroethane	8.653	62	119644	20.014	ug/l	99
37) Trichloroethene	9.335	130	67942	19.519	ug/l	98
38) Methylcyclohexane	9.582	83	109116	18.521	ug/l	96
39) 1,2-Dichloropropane	9.600	63	78656	19.848	ug/l	92
40) Dibromomethane	9.688	93	56111	19.707	ug/l	98
41) Bromodichloromethane	9.865	83	116185	20.270	ug/l	98
42) Vinyl Acetate	6.589	43	1204630	108.578	ug/l	97

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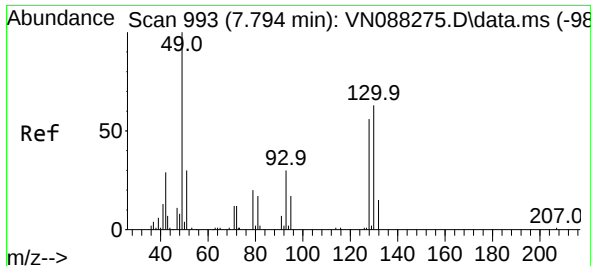
Manual Integrations
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 Supervised By : Mahesh Dadoda 11/17/2025

Quant Time: Nov 14 21:48:26 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	128600	19.228	ug/l	99
44) Isopropyl Acetate	8.671	43	204470	19.837	ug/l	100
45) 1,4-Dioxane	9.677	88	23446	377.731	ug/l	95
46) Methyl methacrylate	9.659	41	91015	18.870	ug/l	94
47) n-amyl Acetate	12.676	43	86844m	16.627	ug/l	
48) t-1,3-Dichloropropene	10.818	75	115520	18.843	ug/l	98
49) cis-1,3-Dichloropropene	10.288	75	125386	19.657	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	69203	19.656	ug/l	96
51) Ethyl methacrylate	10.859	69	109503	18.904	ug/l	97
52) 1,3-Dichloropropane	11.141	76	126059	19.660	ug/l	100
53) Dibromochloromethane	11.341	129	78172	19.330	ug/l	98
54) 1,2-Dibromoethane	11.447	107	72255	19.752	ug/l	95
55) 2-Chloroethyl vinyl ether	10.141	63	303144	90.850	ug/l	99
56) Bromoform	12.559	173	49476	19.328	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	625864	101.706	ug/l	100
59) 2-Hexanone	11.176	43	395404	96.765	ug/l	100
61) Tetrachloroethene	11.082	164	55988	19.959	ug/l	94
62) Toluene	10.612	91	312483	20.014	ug/l	99
64) Chlorobenzene	11.871	112	189846	19.633	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	65838	19.892	ug/l	97
66) Ethyl Benzene	11.941	91	337712	19.625	ug/l	98
67) m/p-Xylenes	12.047	106	248368	38.595	ug/l	100
68) o-Xylene	12.376	106	118994	19.602	ug/l	98
69) Styrene	12.388	104	196508	19.059	ug/l	99
70) Isopropylbenzene	12.676	105	309649	19.247	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	104657	20.083	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	105923m	20.981	ug/l	
73) Bromobenzene	12.965	156	71421	19.664	ug/l	100
74) n-propylbenzene	13.012	91	378570	19.014	ug/l	99
75) 2-Chlorotoluene	13.106	91	231421	19.116	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	264183	19.563	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	32958	19.010	ug/l	92
78) 4-Chlorotoluene	13.200	91	245229	19.989	ug/l	98
79) tert-butylbenzene	13.412	119	221103	19.123	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	261739	19.491	ug/l	100
81) sec-Butylbenzene	13.594	105	324141	19.221	ug/l	99
82) p-Isopropyltoluene	13.706	119	268941	19.300	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	140576	19.921	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	137586	19.252	ug/l	98
85) n-Butylbenzene	14.035	91	260428	19.610	ug/l	99
86) Hexachloroethane	14.312	117	51286	19.222	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	134359	20.172	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	23624	19.286	ug/l	99
89) 1,2,4-Trichlorobenzene	15.811	180	72424	19.376	ug/l	98
90) Hexachlorobutadiene	15.470	225	29560	20.364	ug/l	97
91) Naphthalene	15.617	128	258514	19.115	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	72424	19.376	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



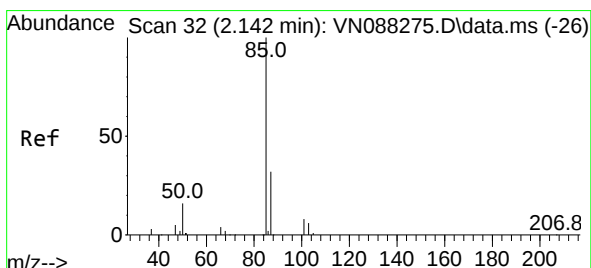
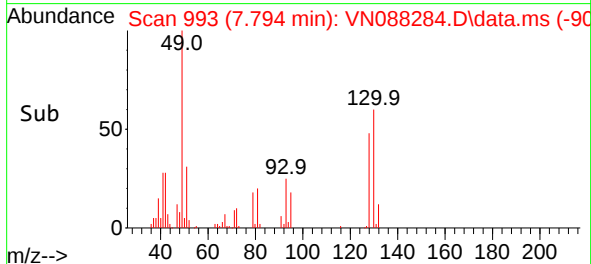
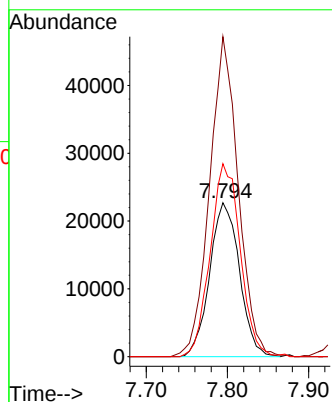
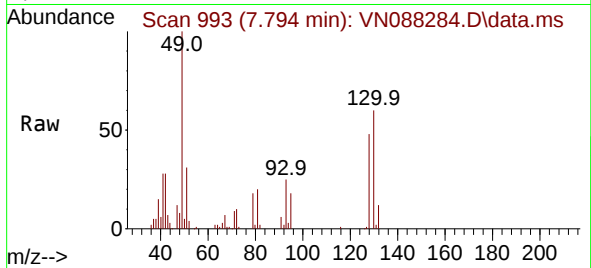
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

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VN1114WBSD01

Tgt Ion:128 Resp: 5778
Ion Ratio Lower Upper
128 100
49 200.4 0.0 501.2
130 126.3 0.0 320.2

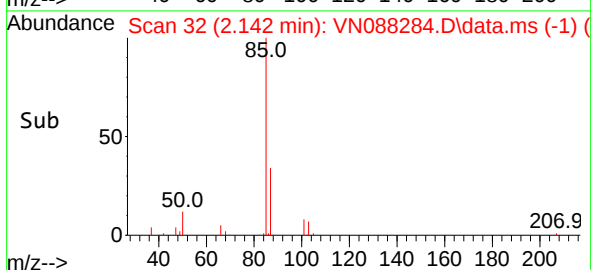
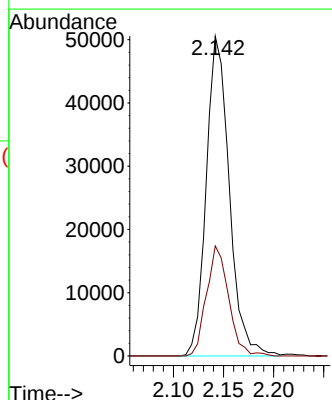
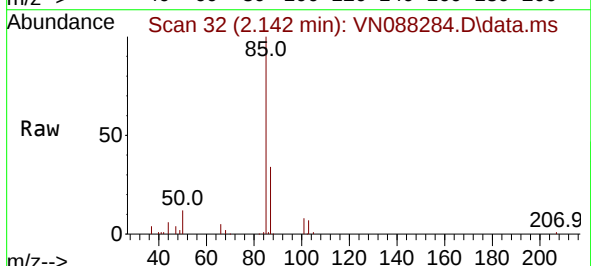
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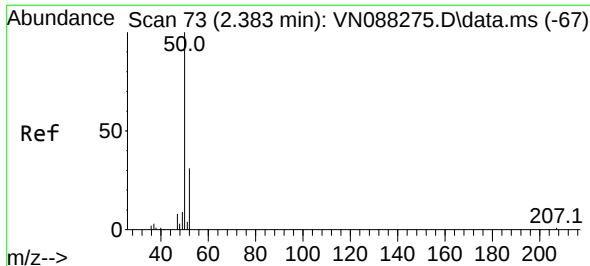
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#2
Dichlorodifluoromethane
Concen: 19.934 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

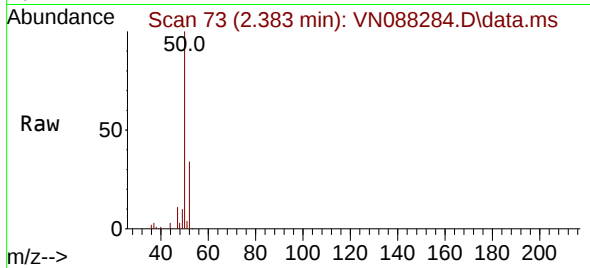
Tgt Ion: 85 Resp: 80968
Ion Ratio Lower Upper
85 100
87 34.4 16.0 48.0





#3
Chloromethane
Concen: 19.429 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

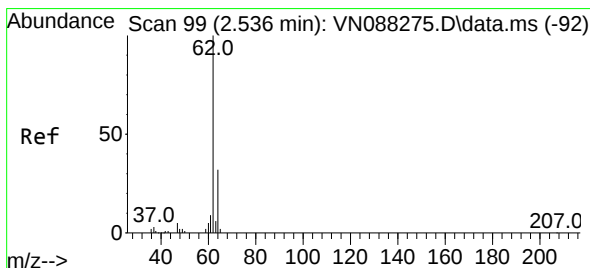
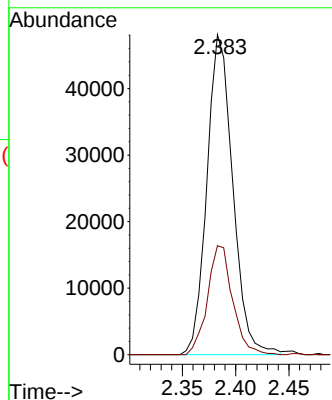
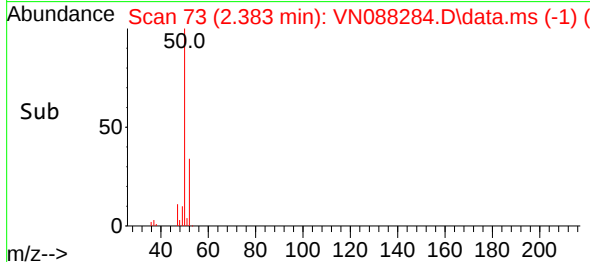
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



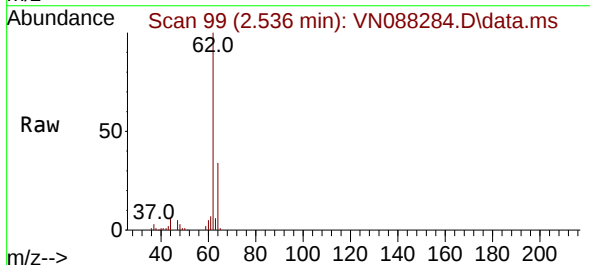
Tgt Ion: 50 Resp: 81360
Ion Ratio Lower Upper
50 100
52 34.1 24.6 36.8

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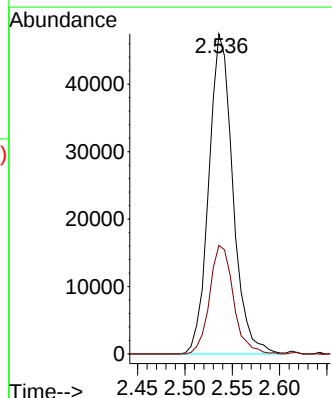
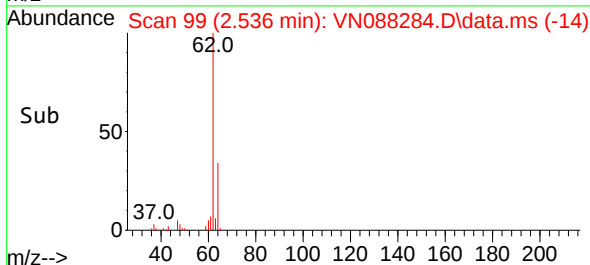
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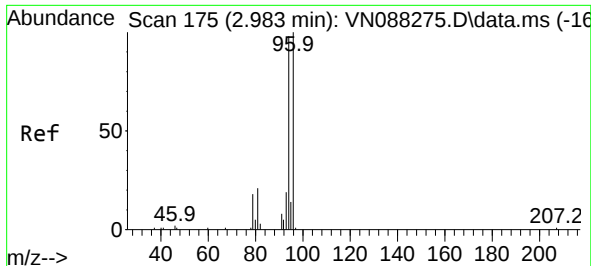


#4
Vinyl Chloride
Concen: 18.931 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



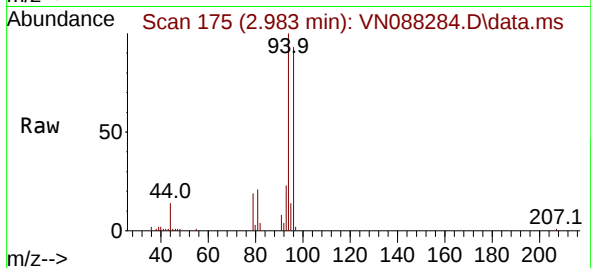
Tgt Ion: 62 Resp: 83831
Ion Ratio Lower Upper
62 100
64 33.9 25.4 38.2





#5
Bromomethane
Concen: 20.165 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

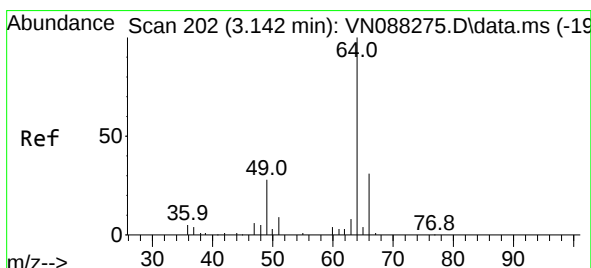
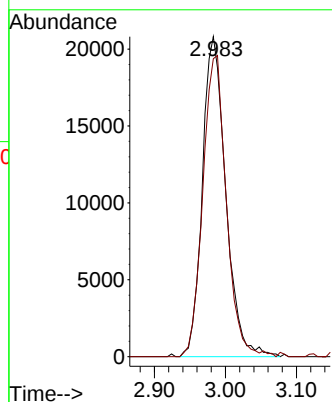
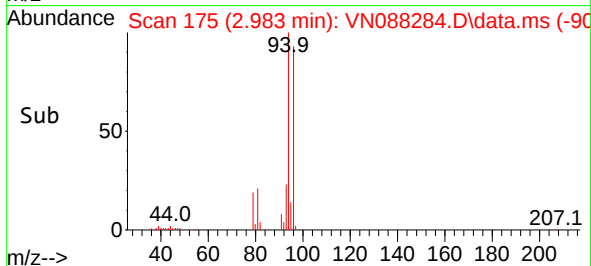
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



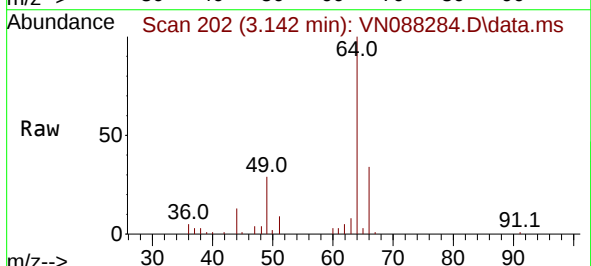
Tgt Ion: 94 Resp: 4761
Ion Ratio Lower Upper
94 100
96 93.1 81.3 121.9

Manual Integrations
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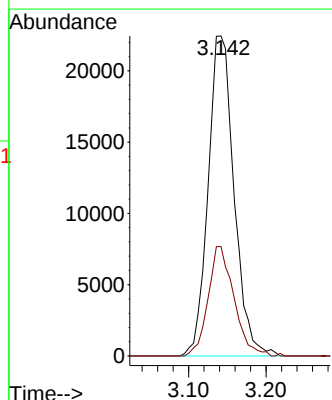
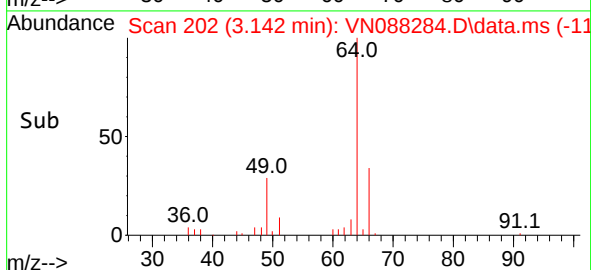
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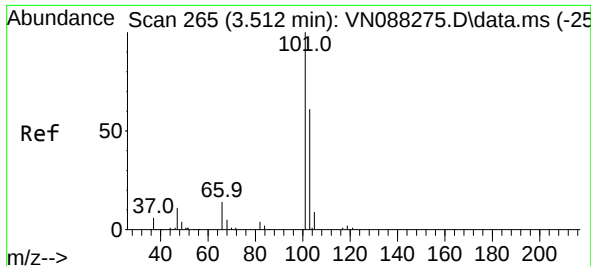


#6
Chloroethane
Concen: 19.095 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



Tgt Ion: 64 Resp: 52264
Ion Ratio Lower Upper
64 100
66 34.2 24.7 37.1





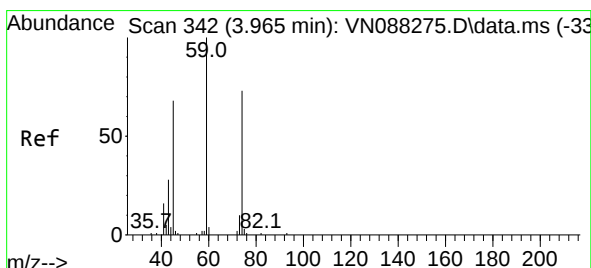
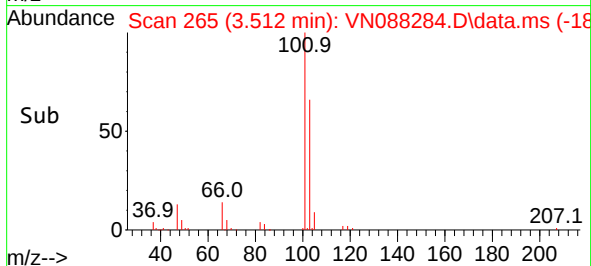
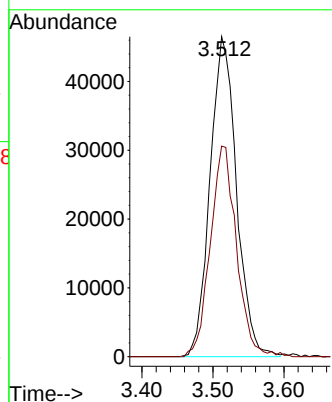
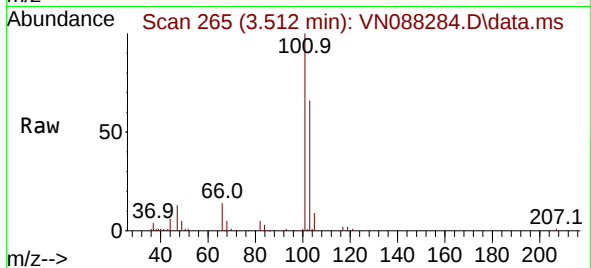
#7
Trichlorofluoromethane
Concen: 19.369 ug/l
RT: 3.512 min Scan# 265
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Instrument :
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Tgt Ion:101 Resp: 120249
Ion Ratio Lower Upper
101 100
103 65.8 48.6 73.0

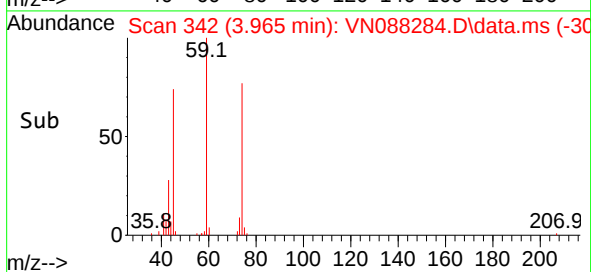
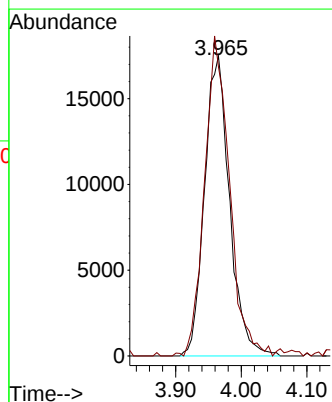
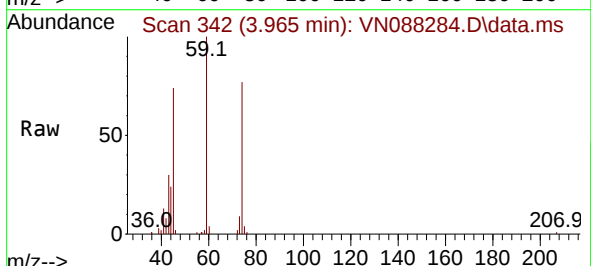
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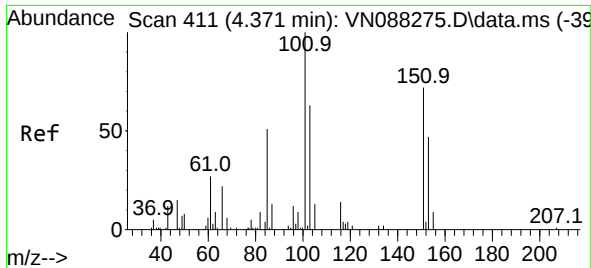
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#8
Diethyl Ether
Concen: 20.006 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Tgt Ion: 74 Resp: 46423
Ion Ratio Lower Upper
74 100
45 105.4 20.9 187.7





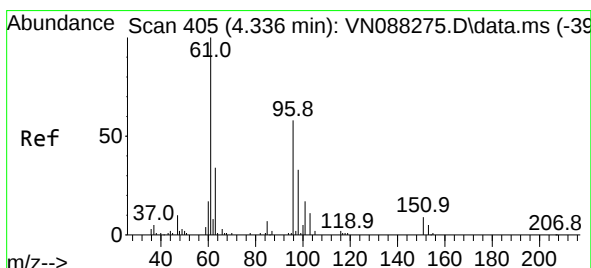
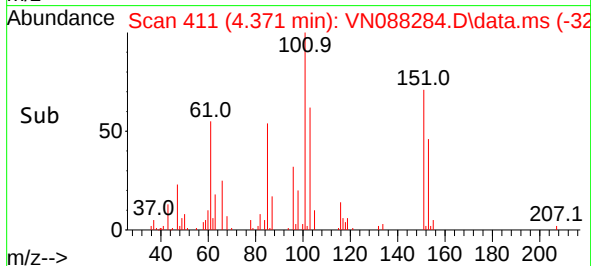
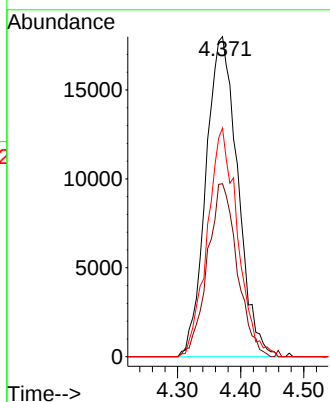
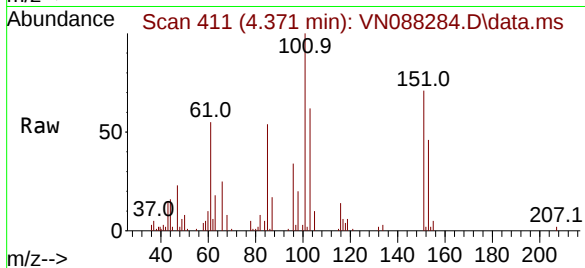
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1,1,2-Trichlorotrifluoroethane
Concen: 19.318 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:101 Resp: 62918
Ion Ratio Lower Upper
101 100
85 50.7 0.0 100.8
151 67.9 0.0 138.4

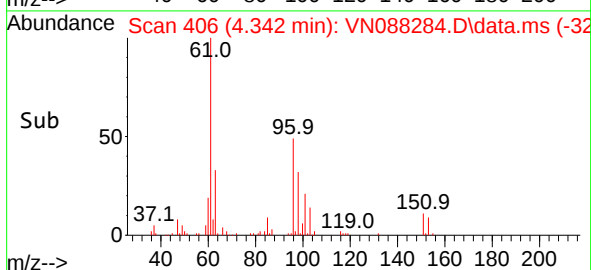
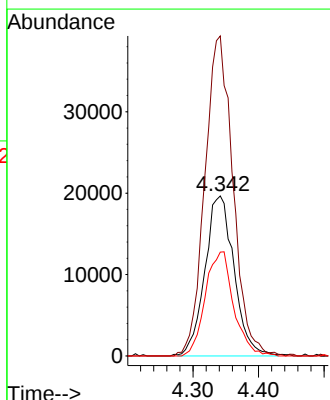
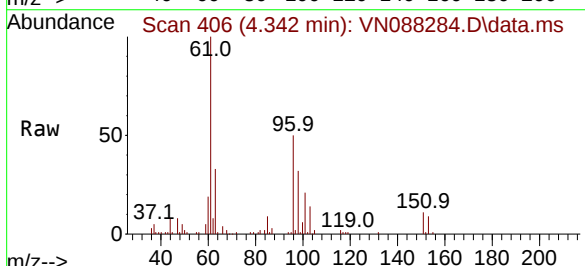
Manual Integrations
APPROVED

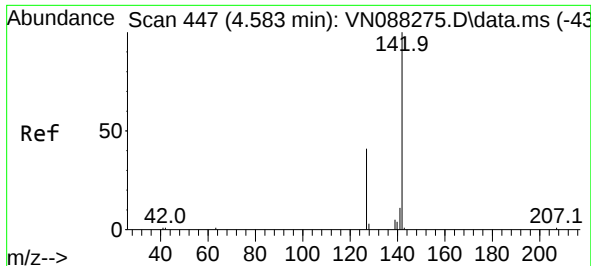
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#10
1,1-Dichloroethene
Concen: 19.075 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

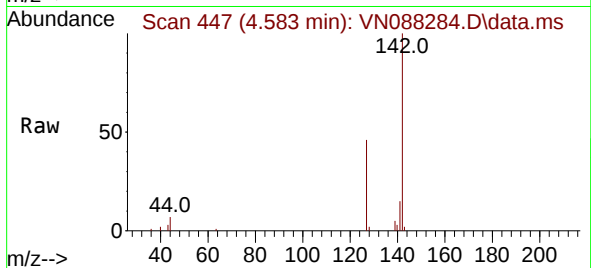
Tgt Ion: 96 Resp: 60609
Ion Ratio Lower Upper
96 100
61 200.5 137.8 206.8
98 65.4 45.6 68.4





#11
Methyl Iodide
Concen: 18.270 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

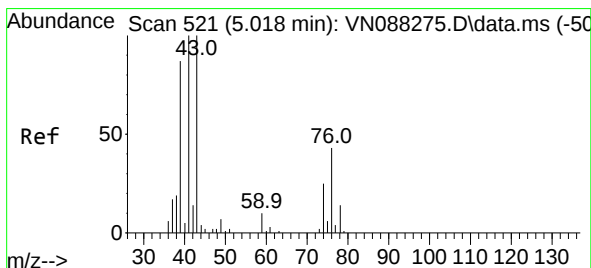
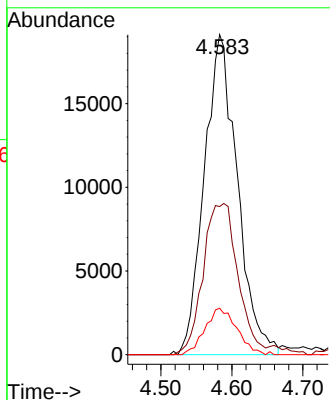
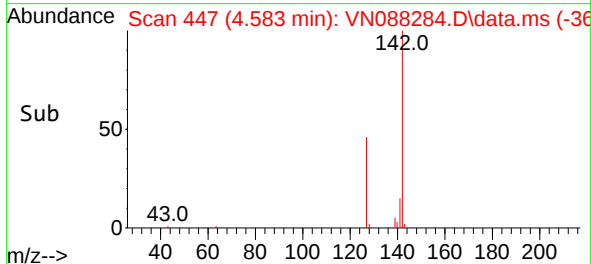
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion:142 Resp: 61778
Ion Ratio Lower Upper
142 100
127 45.2 20.4 61.2
141 14.1 5.6 16.8

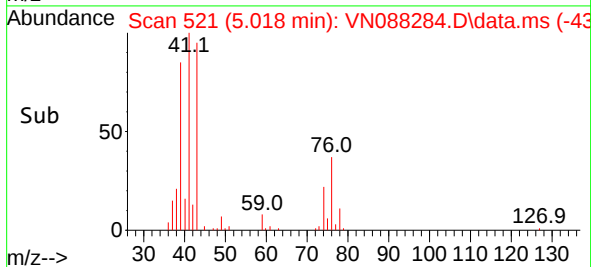
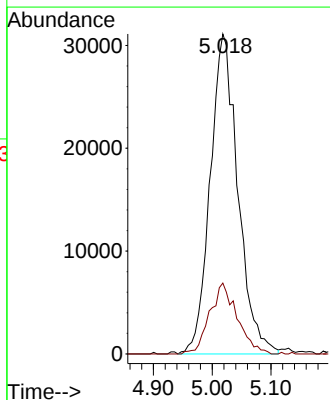
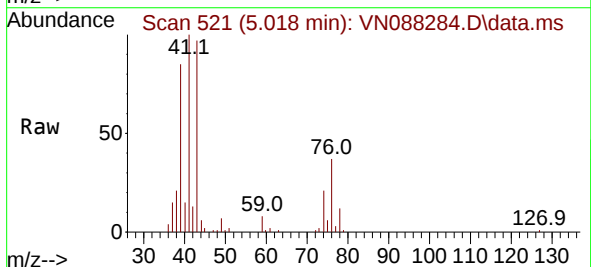
Manual Integrations
APPROVED

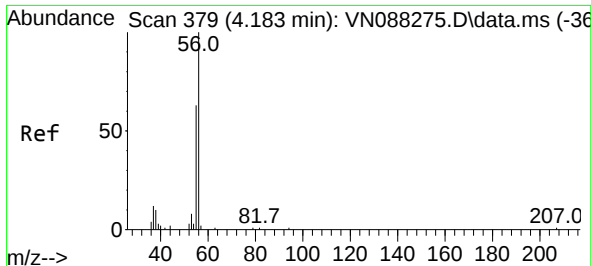
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#12
Methyl Acetate
Concen: 19.862 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

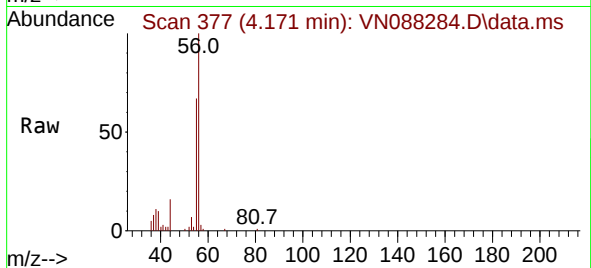
Tgt Ion: 43 Resp: 101813
Ion Ratio Lower Upper
43 100
74 22.3 19.8 29.8





#13
Acrolein
Concen: 92.145 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

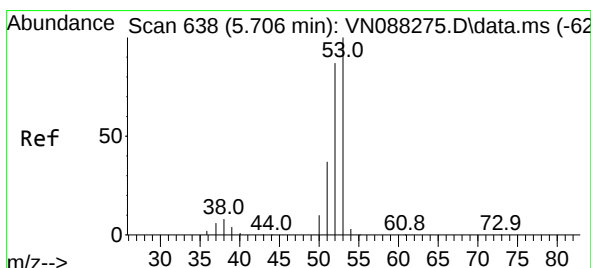
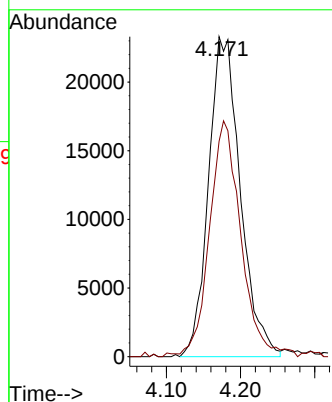
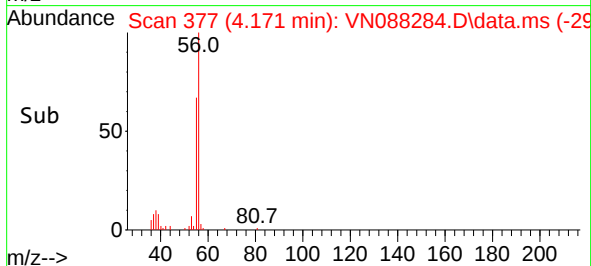
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 56 Resp: 6949
Ion Ratio Lower Upper
56 100
55 71.7 57.9 86.9

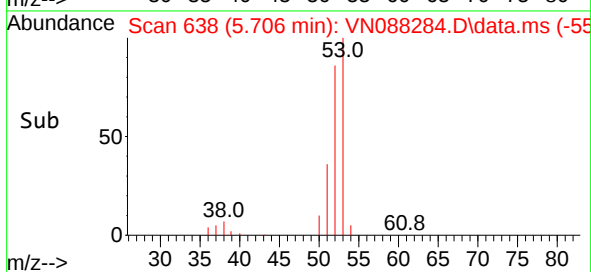
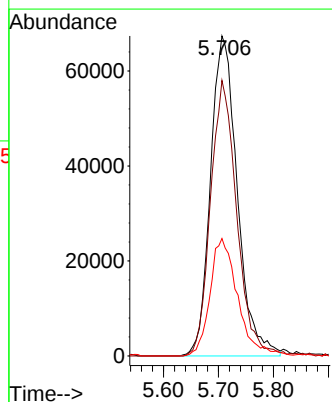
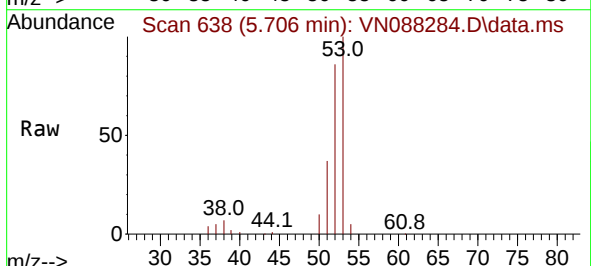
Manual Integrations
APPROVED

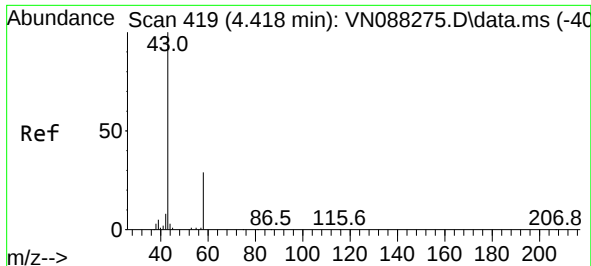
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#14
Acrylonitrile
Concen: 97.989 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Tgt Ion: 53 Resp: 228243
Ion Ratio Lower Upper
53 100
52 83.0 42.3 126.9
51 37.4 18.4 55.2





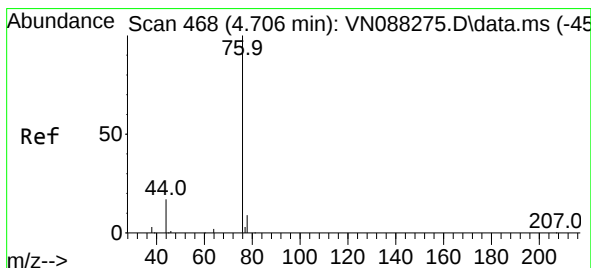
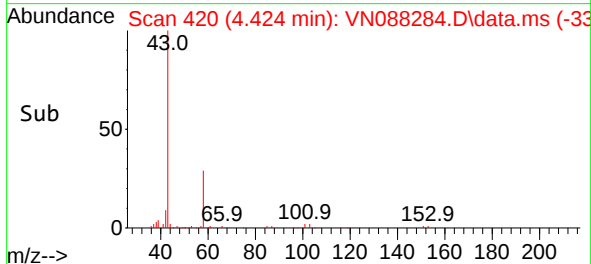
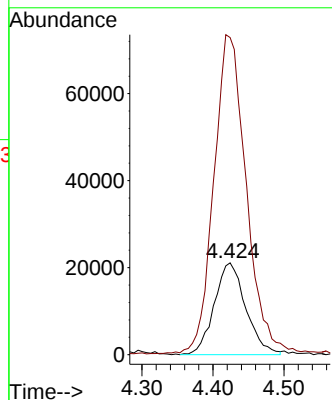
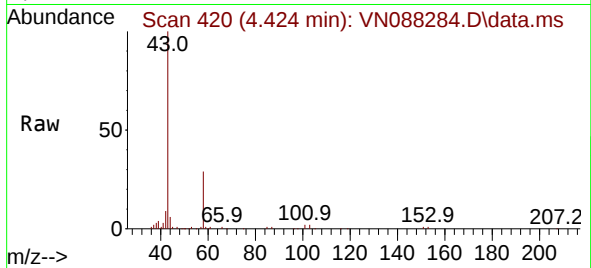
#15
Acetone
Concen: 95.525 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 58 Resp: 65068
Ion Ratio Lower Upper
58 100
43 343.0 273.9 410.9

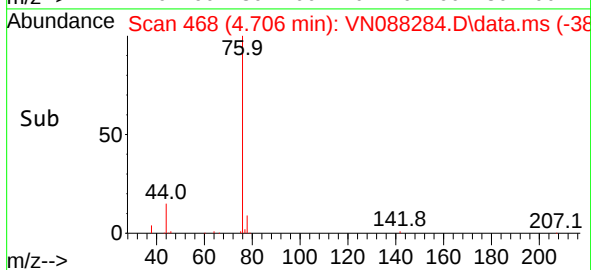
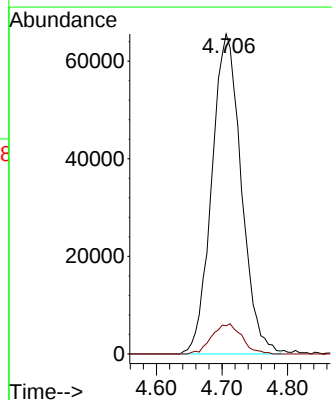
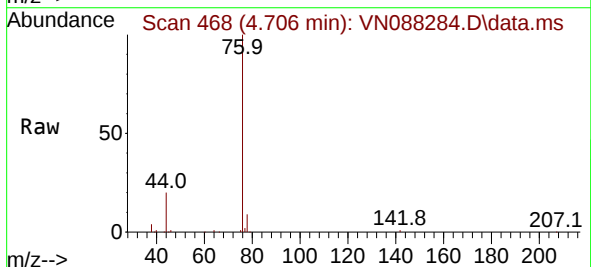
Manual Integrations
APPROVED

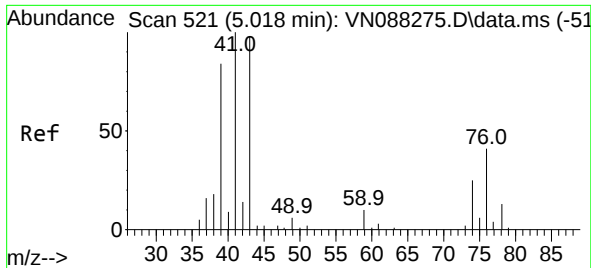
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#16
Carbon Disulfide
Concen: 19.165 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

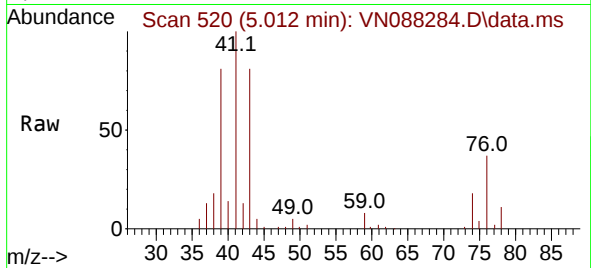
Tgt Ion: 76 Resp: 205379
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3





#17
 Allyl chloride
 Concen: 19.374 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN088284.D
 Acq: 14 Nov 2025 10:17

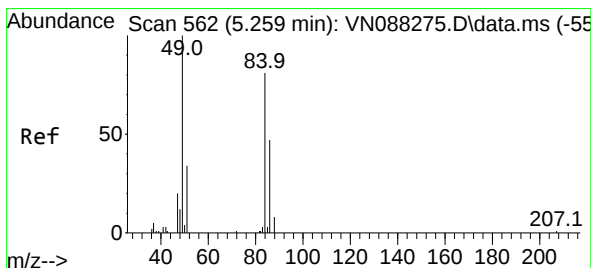
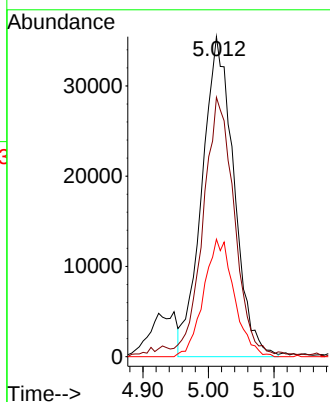
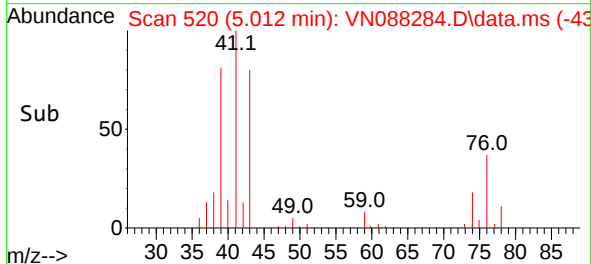
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01



Tgt Ion: 41 Resp: 119629
 Ion Ratio Lower Upper
 41 100
 39 80.1 38.3 114.9
 76 36.9 18.5 55.5

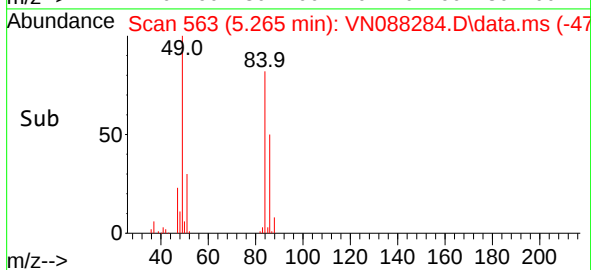
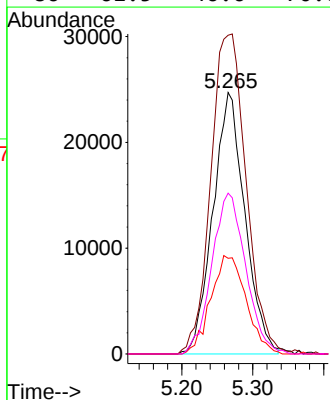
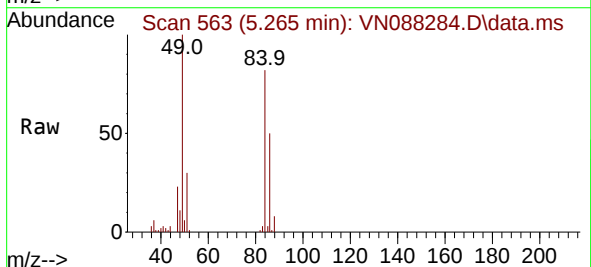
Manual Integrations
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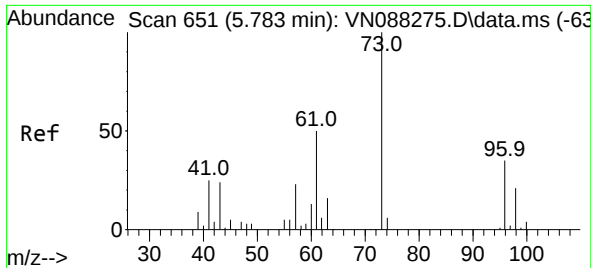
Reviewed By :John Carlone 11/17/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#18
 Methylene Chloride
 Concen: 19.552 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN088284.D
 Acq: 14 Nov 2025 10:17

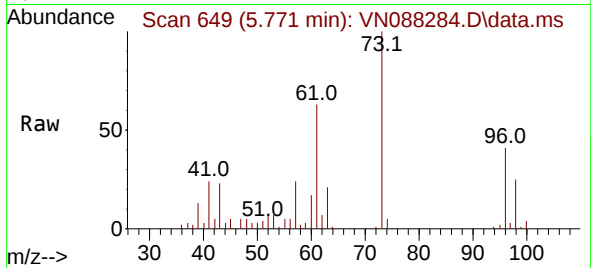
Tgt Ion: 84 Resp: 77218
 Ion Ratio Lower Upper
 84 100
 49 121.9 98.7 148.1
 51 36.6 33.7 50.5
 86 61.5 46.6 70.0





#19
trans-1,2-Dichloroethene
Concen: 19.230 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

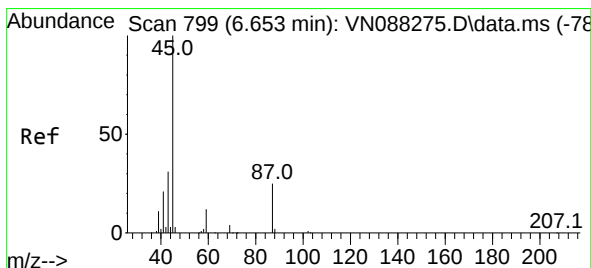
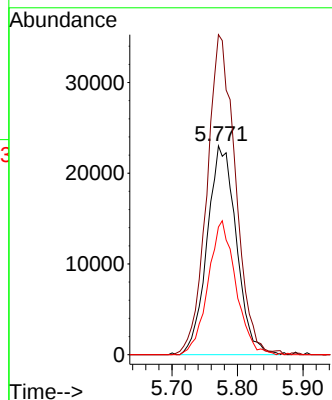
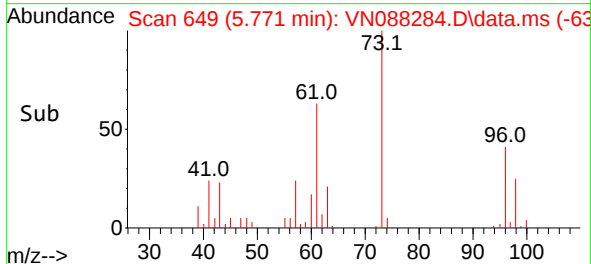
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



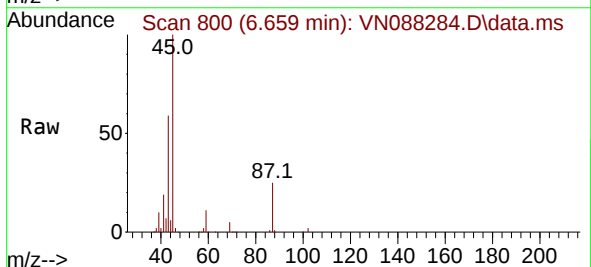
Tgt Ion: 96 Resp: 71150
Ion Ratio Lower Upper
96 100
61 151.6 117.0 175.4
98 61.1 48.6 72.8

Manual Integrations
APPROVED

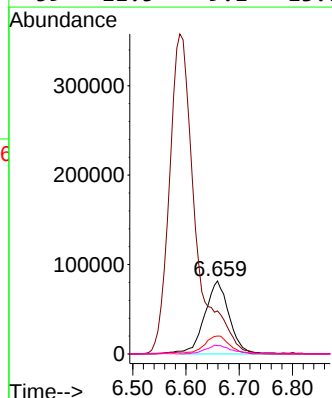
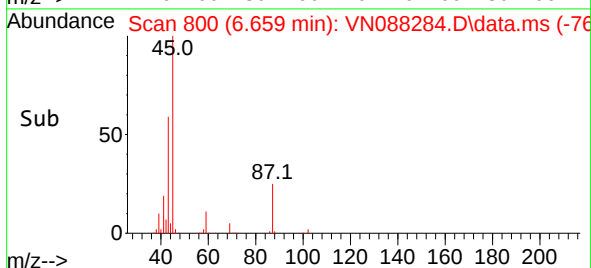
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

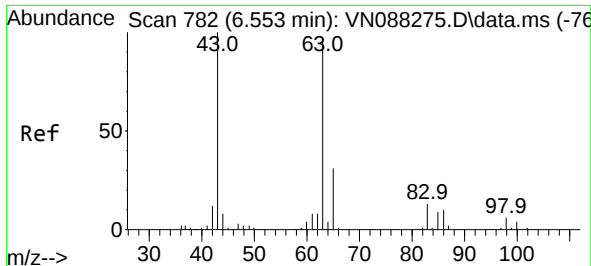


#20
Diisopropyl ether
Concen: 19.526 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



Tgt Ion: 45 Resp: 257638
Ion Ratio Lower Upper
45 100
43 58.2 51.9 77.9
87 24.7 21.1 31.7
59 11.5 9.1 13.7





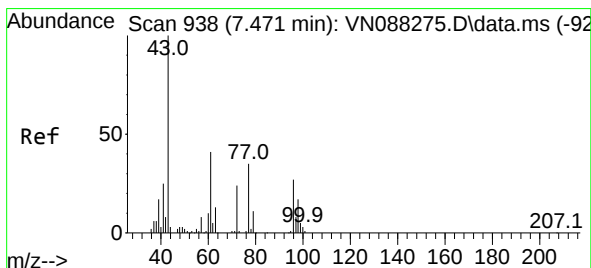
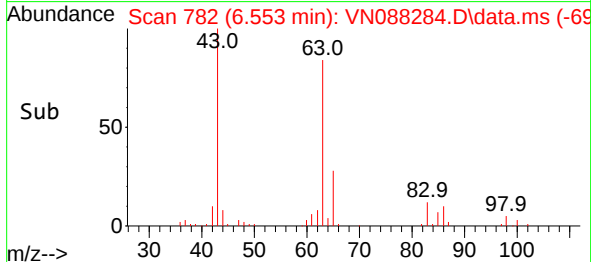
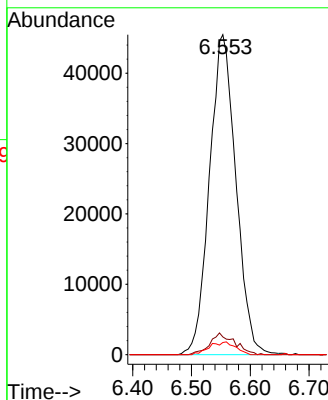
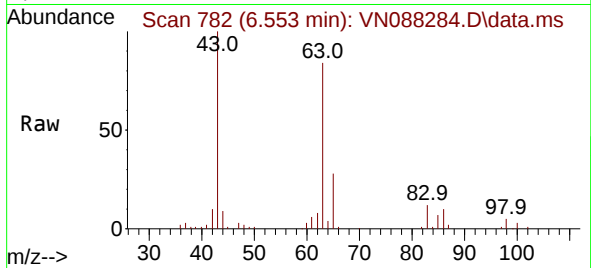
#21
1,1-Dichloroethane
Concen: 19.101 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 63 Resp: 141989
Ion Ratio Lower Upper
63 100
98 5.5 3.0 9.0
100 3.8 2.1 6.3

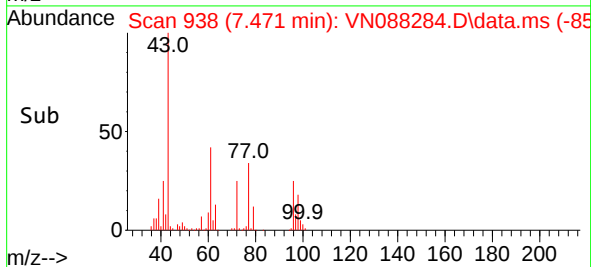
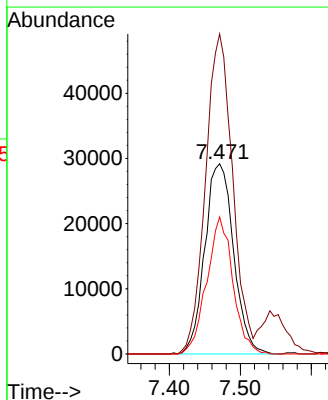
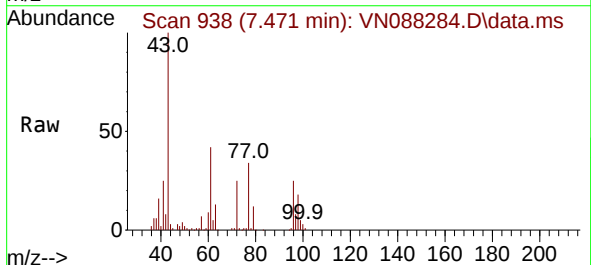
Manual Integrations
APPROVED

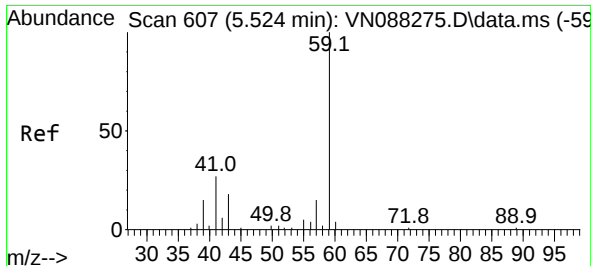
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#22
cis-1,2-Dichloroethene
Concen: 19.115 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Tgt Ion: 96 Resp: 82202
Ion Ratio Lower Upper
96 100
61 158.1 131.2 196.8
98 65.3 51.0 76.4





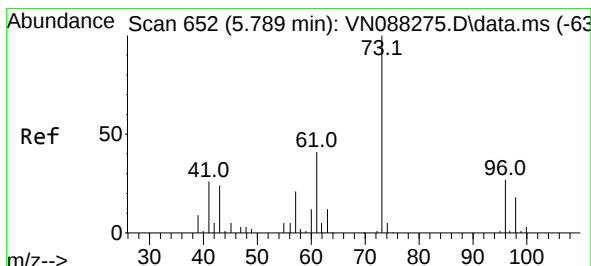
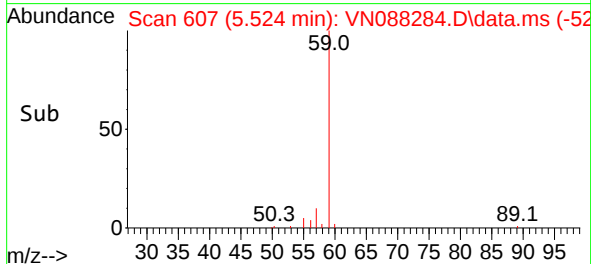
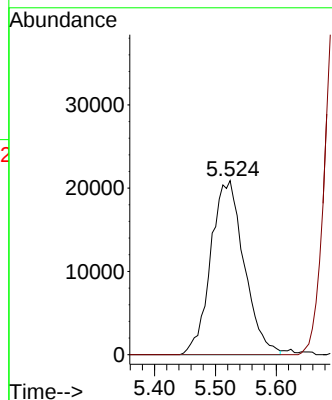
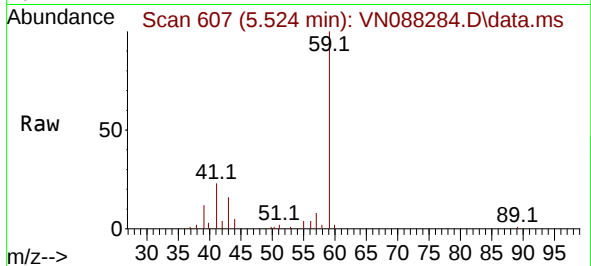
#23
tert-Butyl Alcohol
Concen: 92.861 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 59 Resp: 79534
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

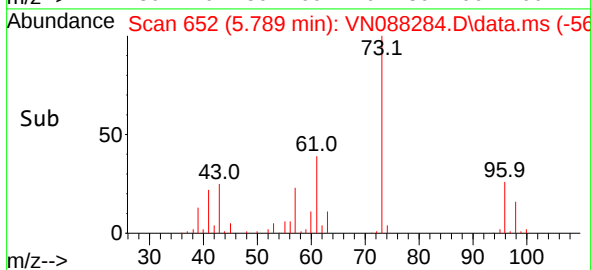
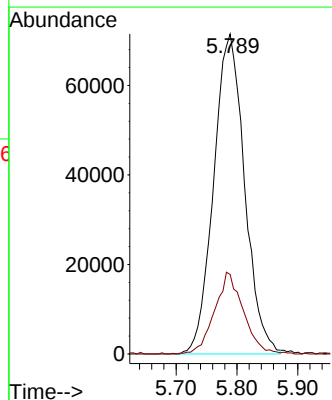
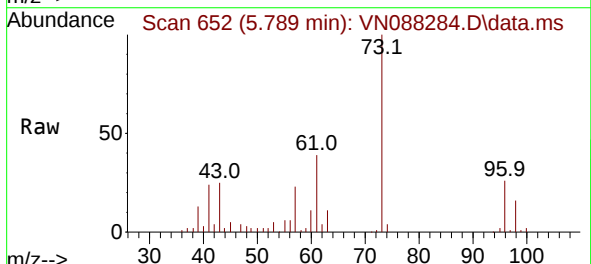
Manual Integrations
APPROVED

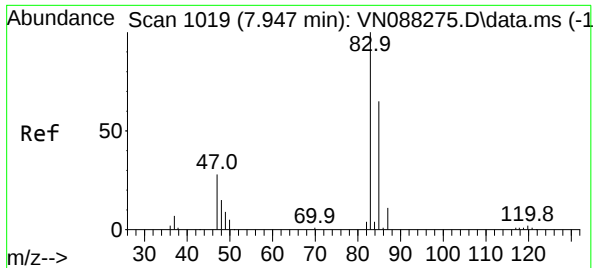
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#24
Methyl tert-Butyl Ether
Concen: 19.712 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

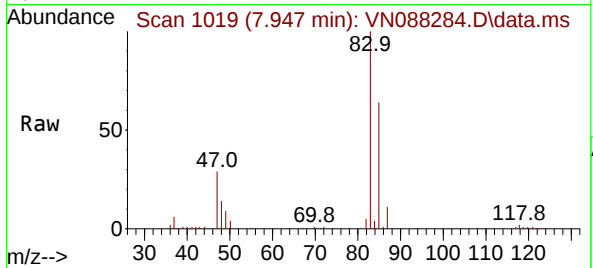
Tgt Ion: 73 Resp: 252525
Ion Ratio Lower Upper
73 100
43 23.5 18.5 27.7





#25
Chloroform
Concen: 19.546 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

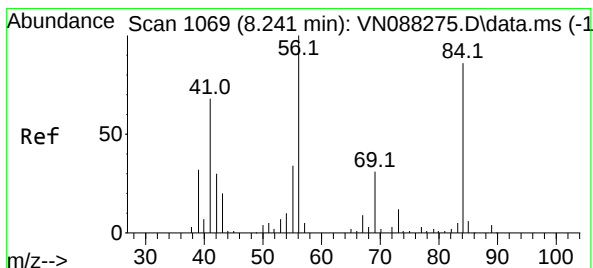
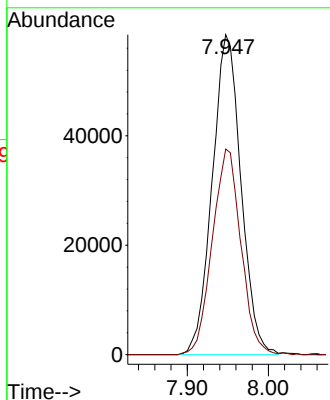
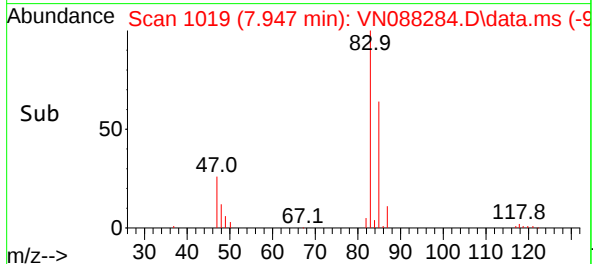
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 83 Resp: 143969
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.4

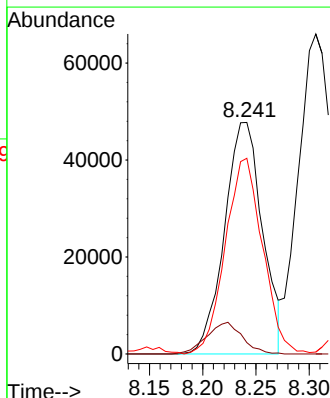
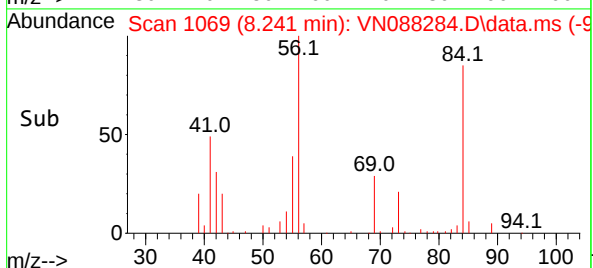
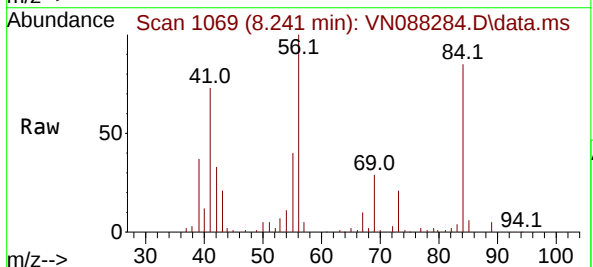
Manual Integrations
APPROVED

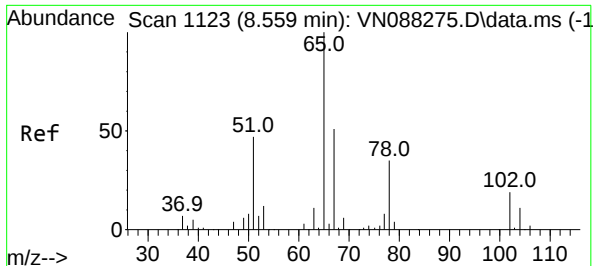
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#26
Cyclohexane
Concen: 18.880 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

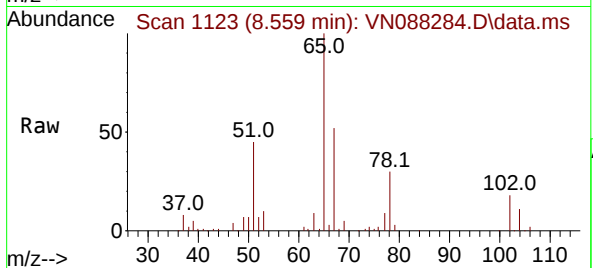
Tgt Ion: 56 Resp: 118545
Ion Ratio Lower Upper
56 100
89 12.8 7.3 10.9#
84 82.9 67.8 101.8





#27
1,2-Dichloroethane-d4
Concen: 29.516 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

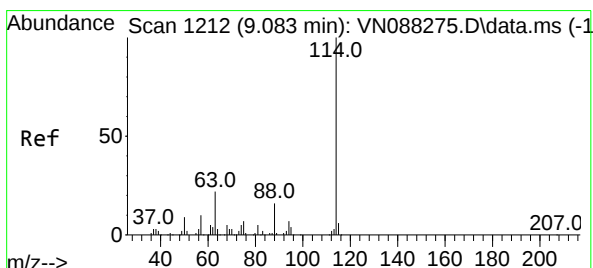
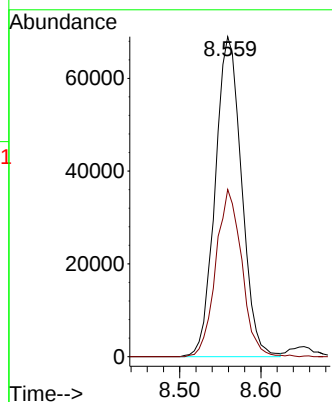
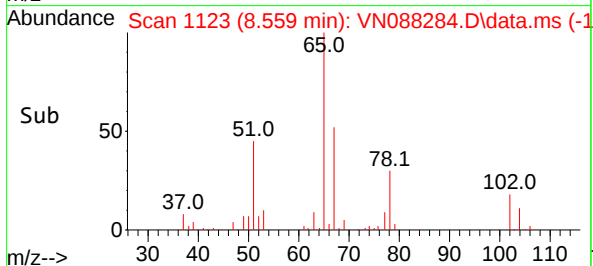
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



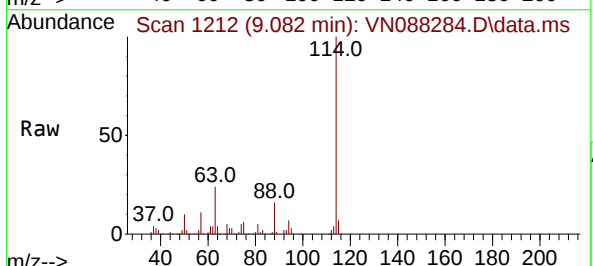
Tgt Ion: 65 Resp: 155790
Ion Ratio Lower Upper
65 100
67 51.3 40.2 60.2

Manual Integrations
APPROVED

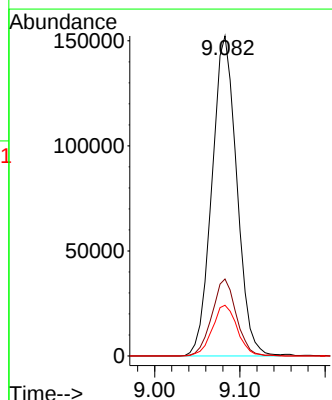
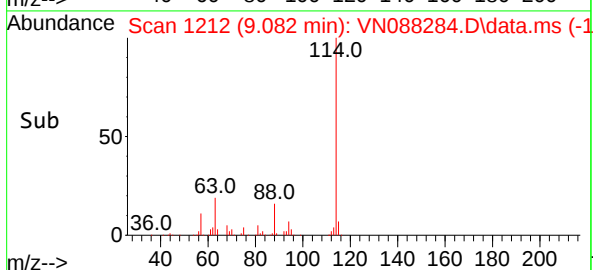
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

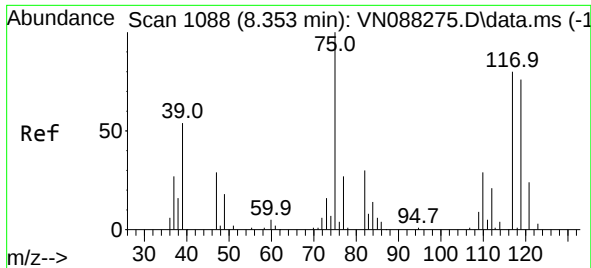


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



Tgt Ion:114 Resp: 307983
Ion Ratio Lower Upper
114 100
63 23.6 18.9 28.3
88 16.0 12.8 19.2





#29

1,1-Dichloropropene

Concen: 19.309 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088284.D

Acq: 14 Nov 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

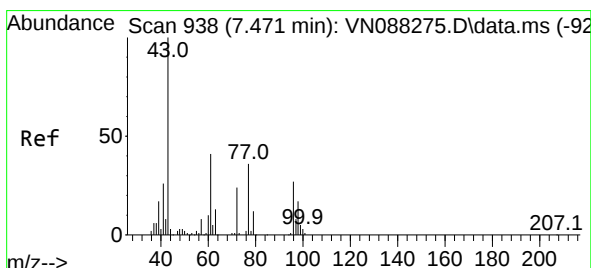
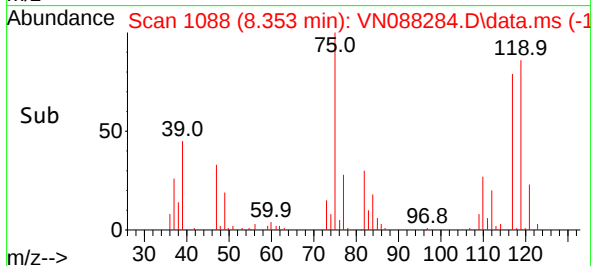
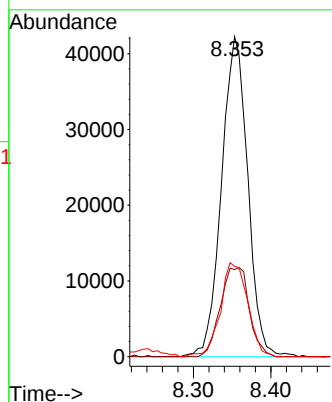
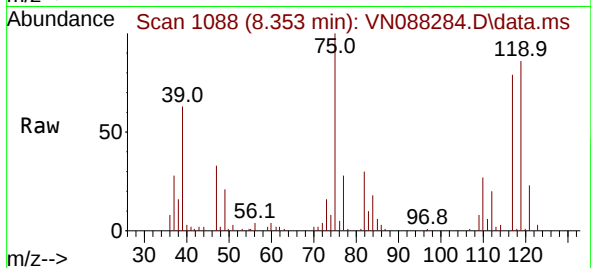
Tgt Ion: 75	Resp: 99220
Ion Ratio	Lower Upper
75 100	
110 17.1	0.0 65.6
77 30.3	0.0 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#30

2-Butanone

Concen: 95.996 ug/l

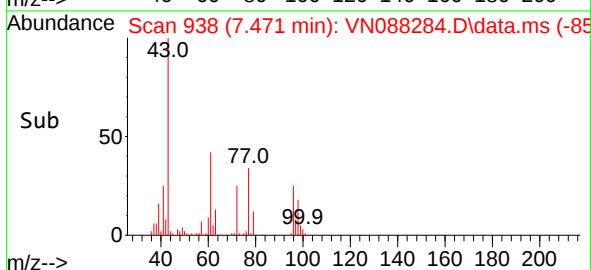
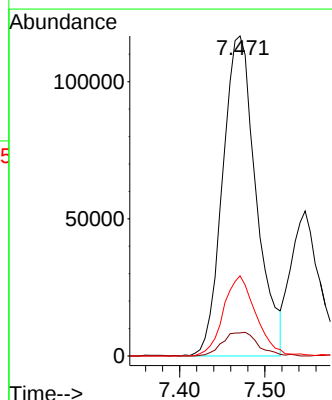
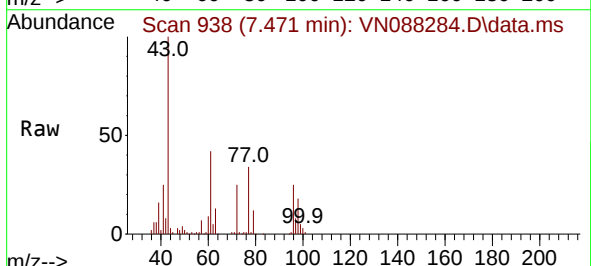
RT: 7.471 min Scan# 938

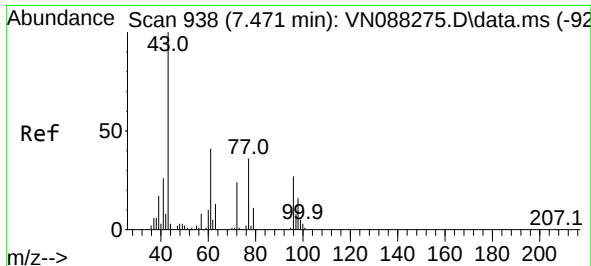
Delta R.T. -0.000 min

Lab File: VN088284.D

Acq: 14 Nov 2025 10:17

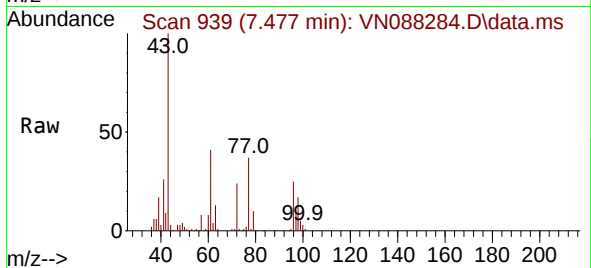
Tgt Ion: 43	Resp: 319102
Ion Ratio	Lower Upper
43 100	
57 0.0	6.2 9.4#
72 24.2	19.4 29.2





#31
2,2-Dichloropropane
Concen: 19.037 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

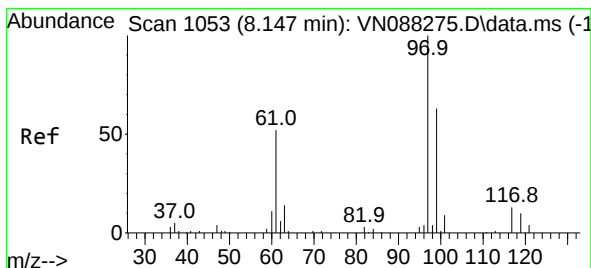
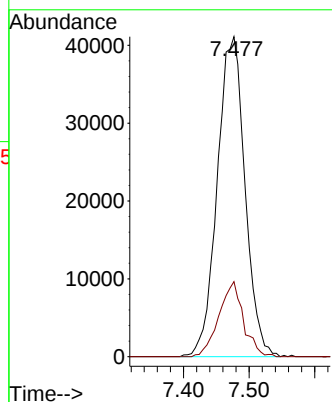
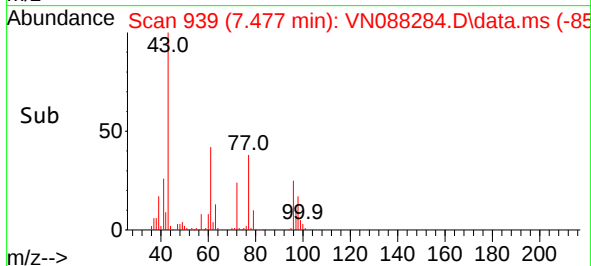
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 77 Resp: 120658
Ion Ratio Lower Upper
77 100
97 19.3 16.8 25.2

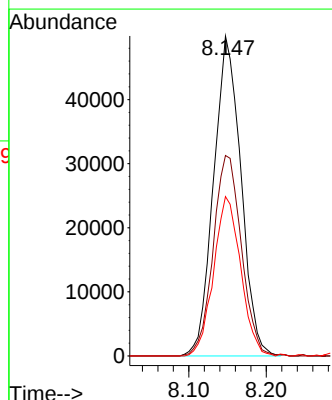
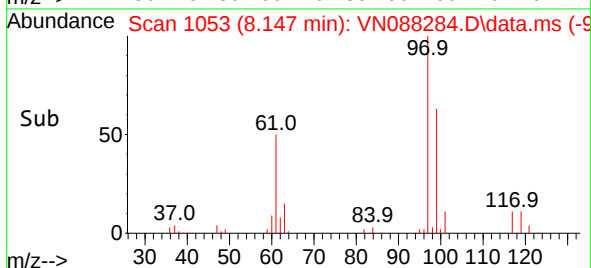
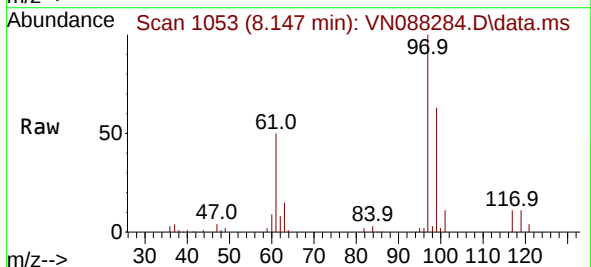
Manual Integrations
APPROVED

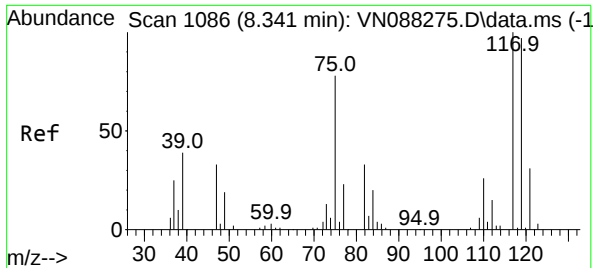
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#32
1,1,1-Trichloroethane
Concen: 19.296 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

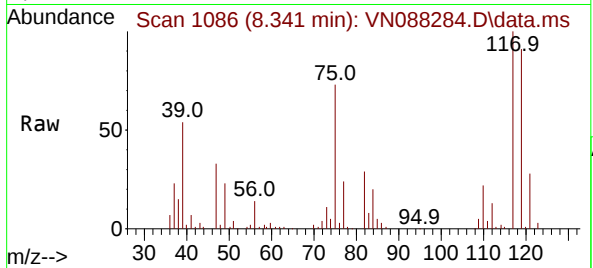
Tgt Ion: 97 Resp: 122238
Ion Ratio Lower Upper
97 100
99 64.7 50.2 75.4
61 49.4 39.8 59.8





#33
Carbon Tetrachloride
Concen: 19.453 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

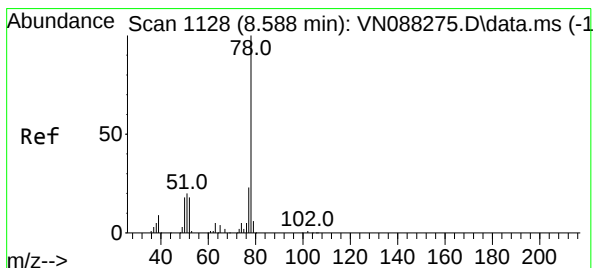
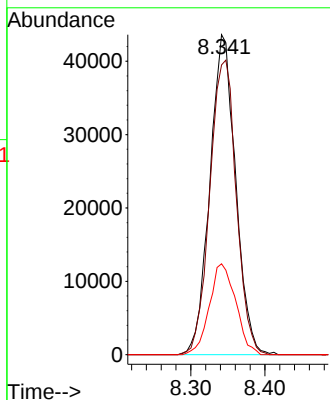
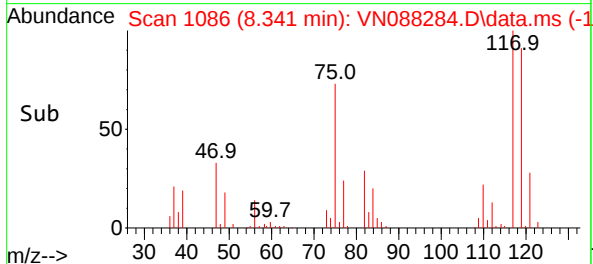
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion:117 Resp: 105234
Ion Ratio Lower Upper
117 100
119 90.6 77.8 116.8
121 28.4 24.5 36.7

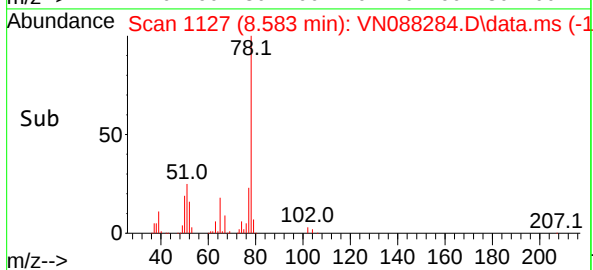
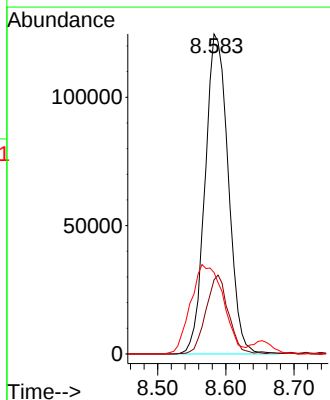
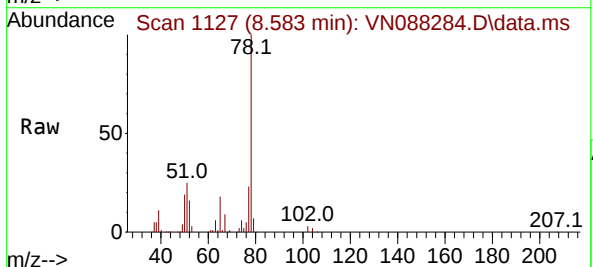
Manual Integrations
APPROVED

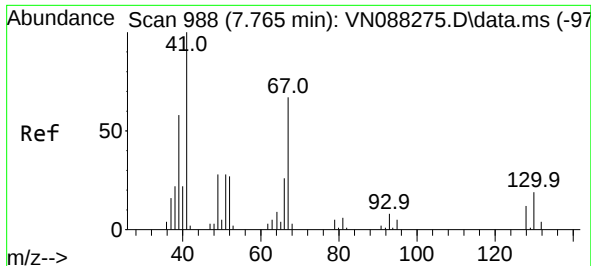
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#34
Benzene
Concen: 19.175 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

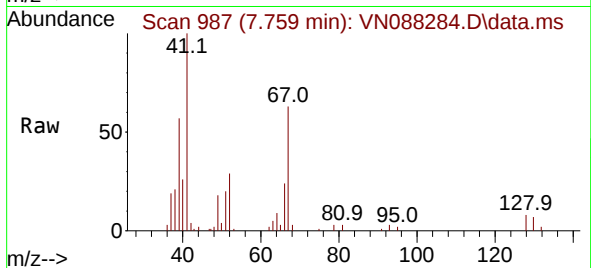
Tgt Ion: 78 Resp: 294535
Ion Ratio Lower Upper
78 100
77 23.0 18.6 27.8
51 24.3 15.8 23.8





#35
Methacrylonitrile
Concen: 19.224 ug/l
RT: 7.759 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

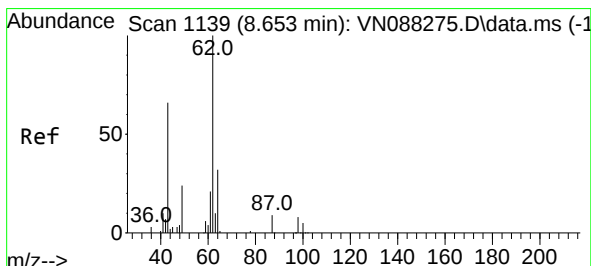
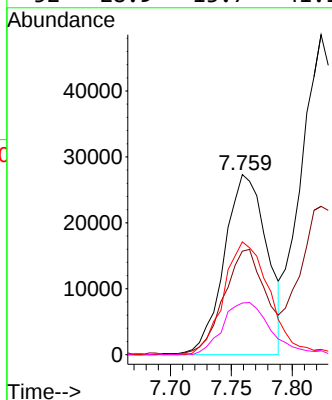
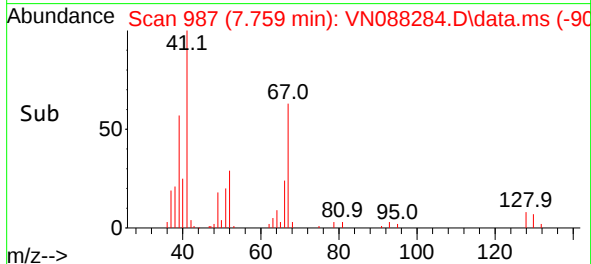
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion:	41	Resp:	6665
Ion Ratio	Lower	Upper	
41	100		
39	57.8	29.0	87.0
67	63.0	33.3	99.9
52	28.9	13.7	41.1

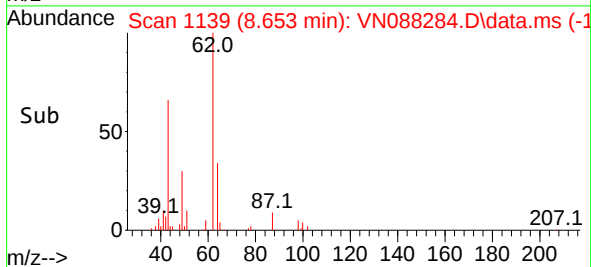
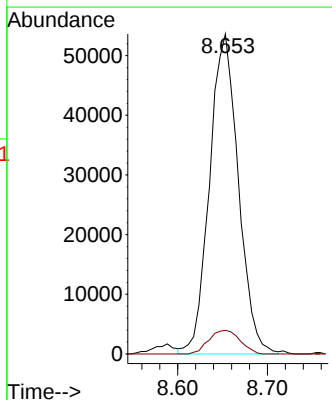
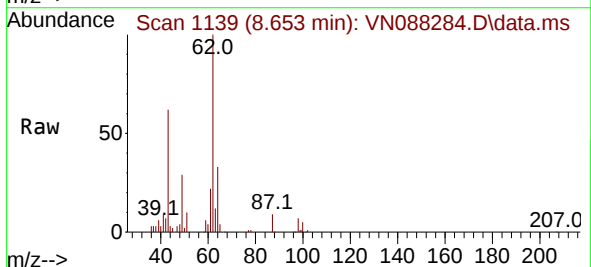
Manual Integrations
APPROVED

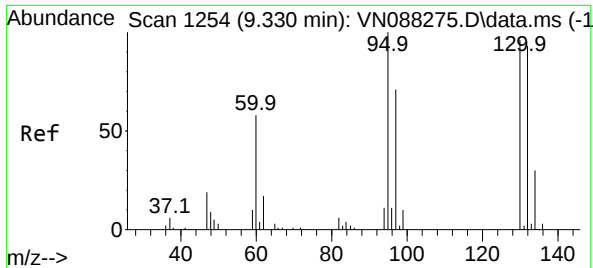
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#36
1,2-Dichloroethane
Concen: 20.014 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

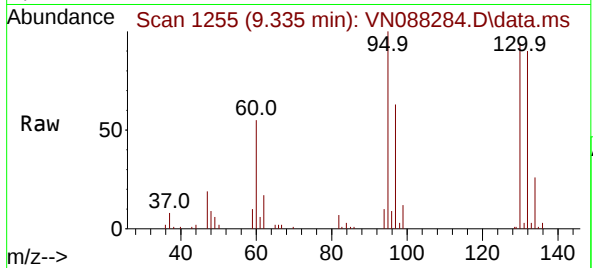
Tgt Ion:	62	Resp:	119644
Ion Ratio	Lower	Upper	
62	100		
98	8.0	6.8	10.2





#37
Trichloroethene
Concen: 19.519 ug/l
RT: 9.335 min Scan# 1254
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

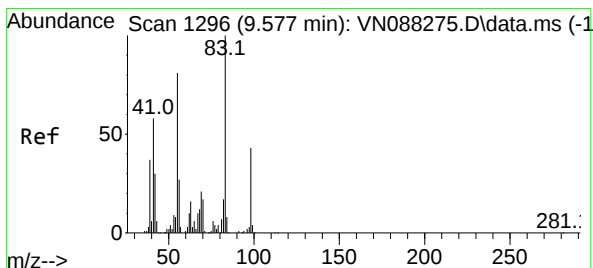
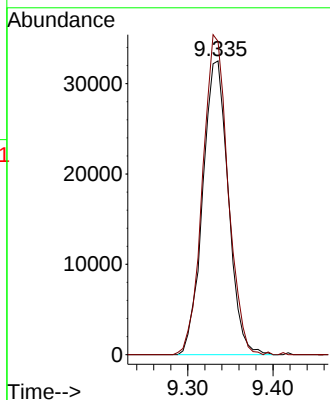
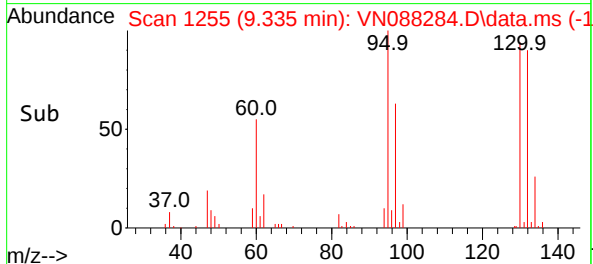
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



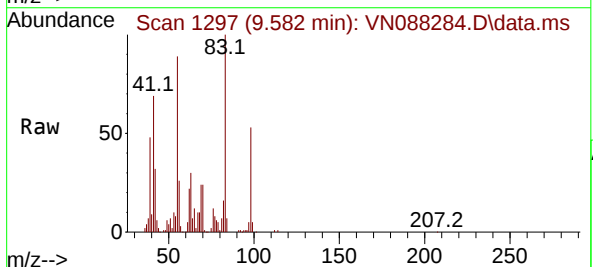
Tgt Ion:130 Resp: 6794
Ion Ratio Lower Upper
130 100
95 106.6 83.7 125.5

Manual Integrations
APPROVED

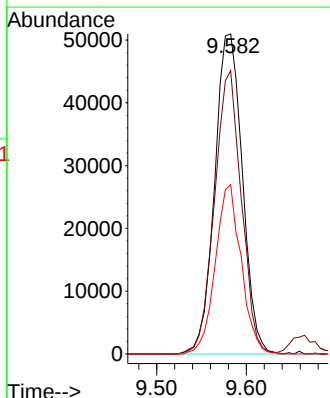
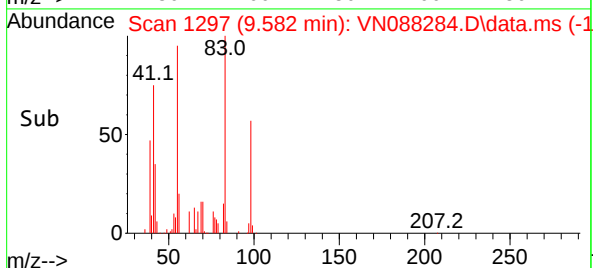
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

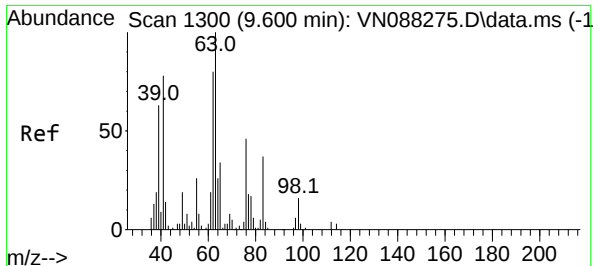


#38
Methylcyclohexane
Concen: 18.521 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



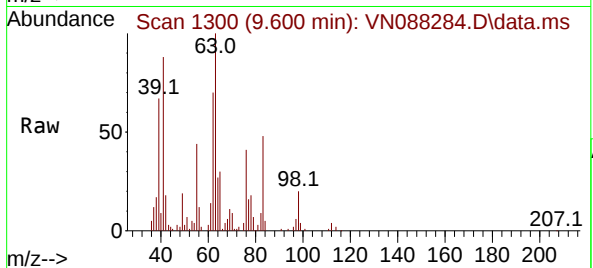
Tgt Ion: 83 Resp: 109116
Ion Ratio Lower Upper
83 100
55 85.7 40.8 122.5
98 49.5 23.4 70.3





#39
1,2-Dichloropropane
Concen: 19.848 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

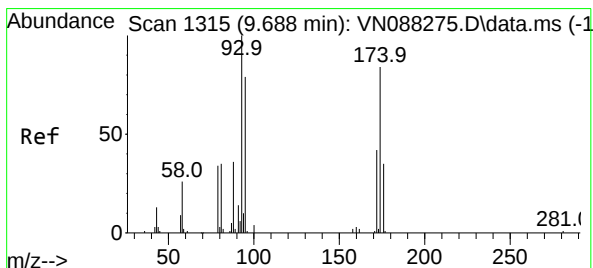
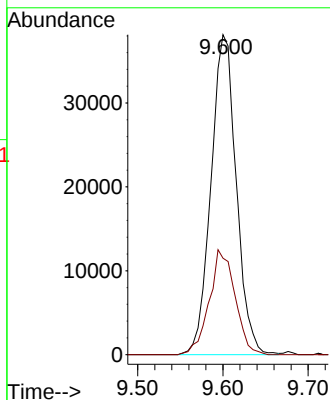
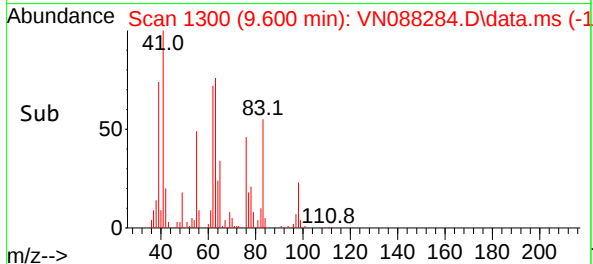
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



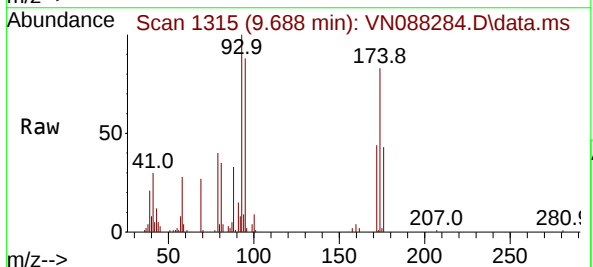
Tgt Ion: 63 Resp: 78650
Ion Ratio Lower Upper
63 100
65 30.1 27.8 41.6

Manual Integrations
APPROVED

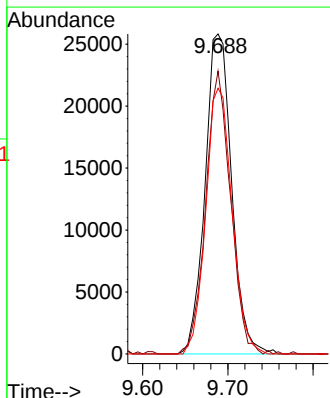
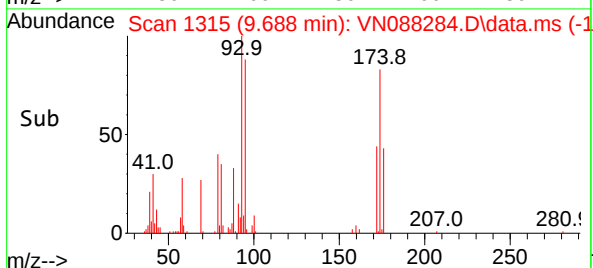
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

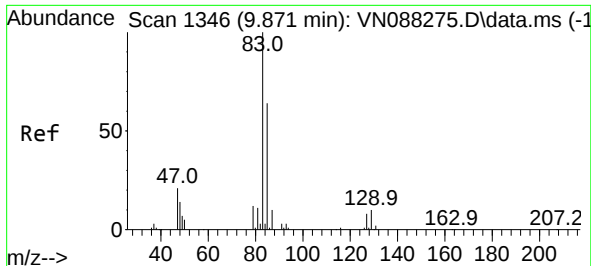


#40
Dibromomethane
Concen: 19.707 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



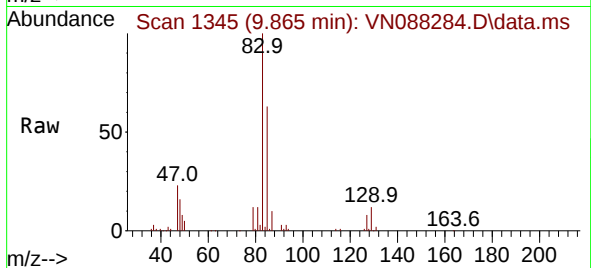
Tgt Ion: 93 Resp: 56111
Ion Ratio Lower Upper
93 100
95 82.2 0.0 161.6
174 81.9 0.0 158.2





#41
Bromodichloromethane
Concen: 20.270 ug/l
RT: 9.865 min Scan# 11618
Delta R.T. -0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

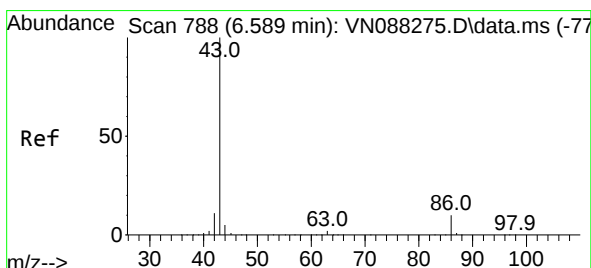
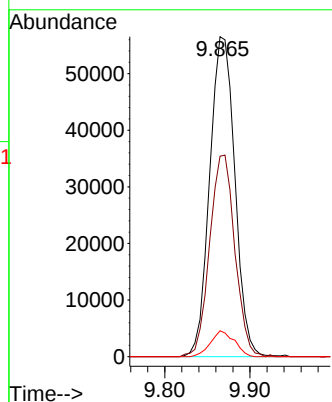
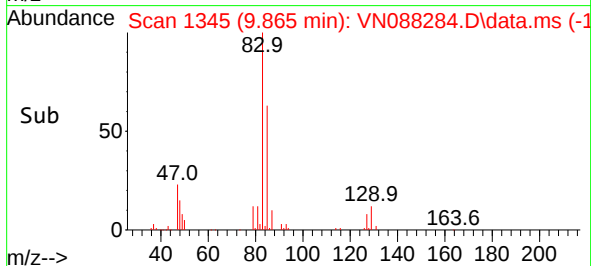
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 83 Resp: 11618
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.2
127 8.1 6.4 9.6

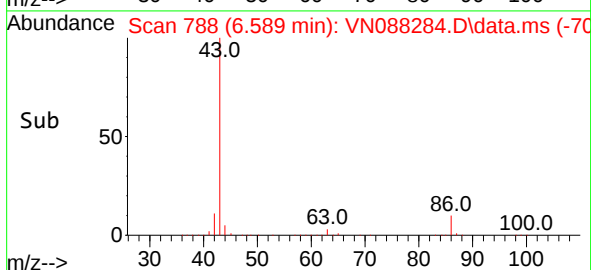
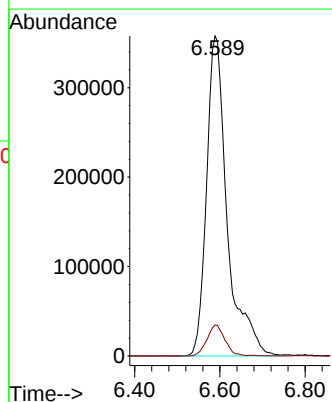
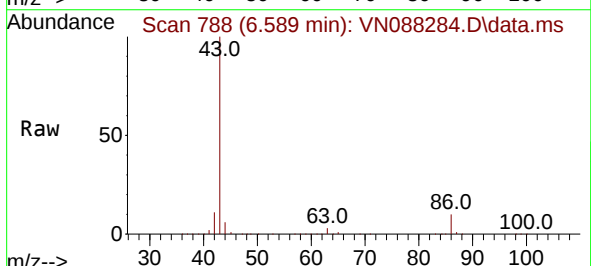
Manual Integrations
APPROVED

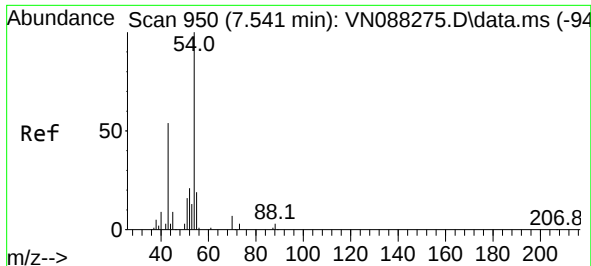
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#42
Vinyl Acetate
Concen: 108.578 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

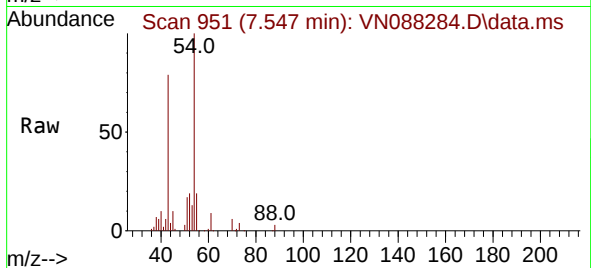
Tgt Ion: 43 Resp: 1204630
Ion Ratio Lower Upper
43 100
86 8.4 7.4 11.2





#43
Ethyl Acetate
Concen: 19.228 ug/l
RT: 7.547 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

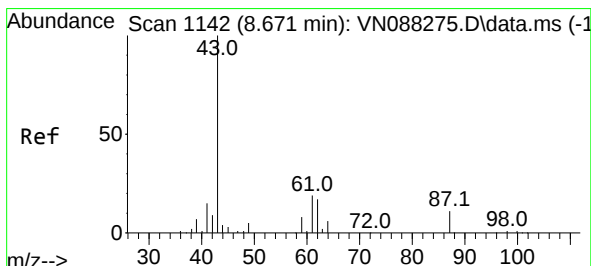
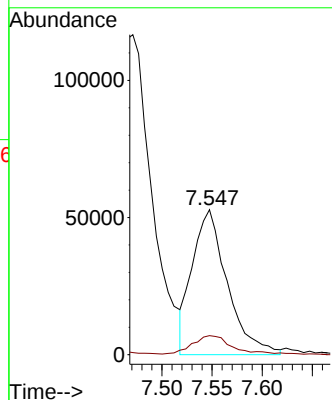
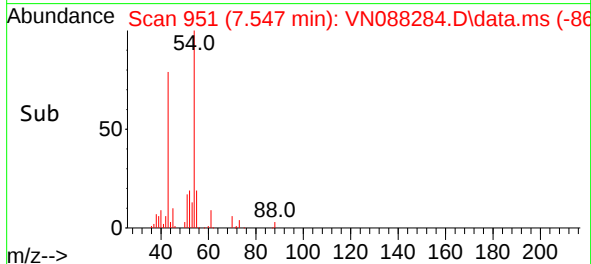
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 43 Resp: 128600
Ion Ratio Lower Upper
43 100
45 12.9 9.9 14.9

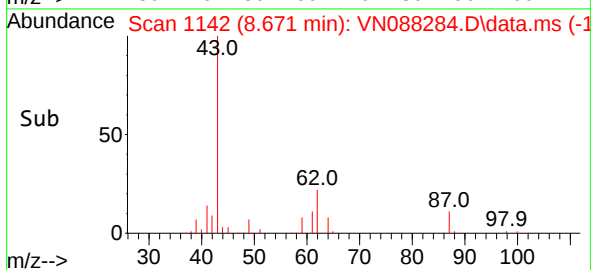
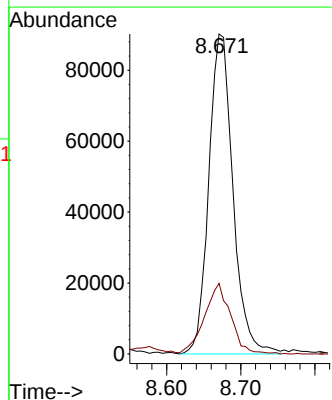
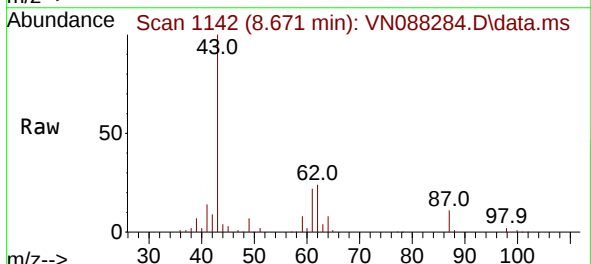
Manual Integrations
APPROVED

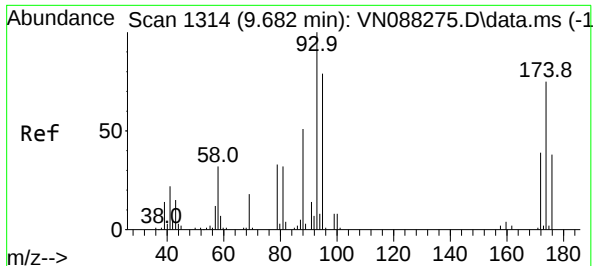
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#44
Isopropyl Acetate
Concen: 19.837 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Tgt Ion: 43 Resp: 204470
Ion Ratio Lower Upper
43 100
61 23.8 19.0 28.6





#45

1,4-Dioxane

Concen: 377.731 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088284.D

Acq: 14 Nov 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

Tgt Ion: 88 Resp: 23440

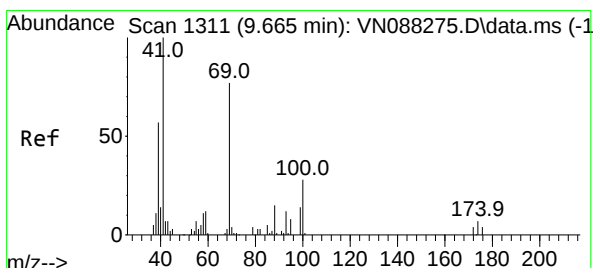
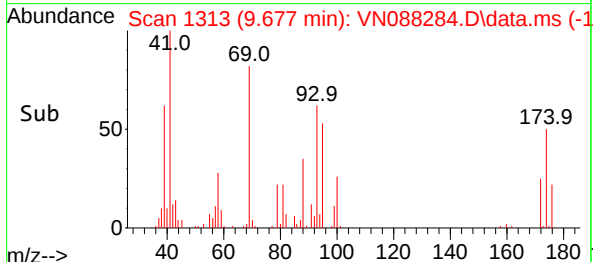
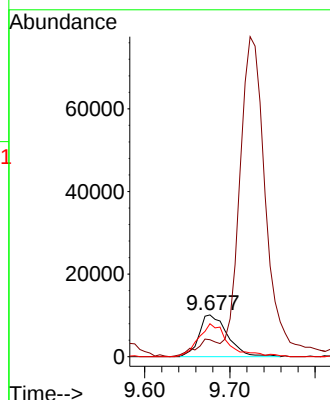
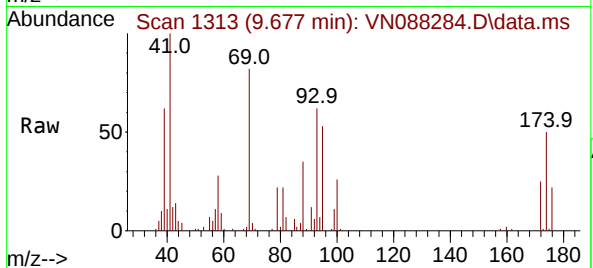
Ion	Ratio	Lower	Upper
88	100		
43	34.7	27.8	41.8
58	80.5	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#46

Methyl methacrylate

Concen: 18.870 ug/l

RT: 9.659 min Scan# 1310

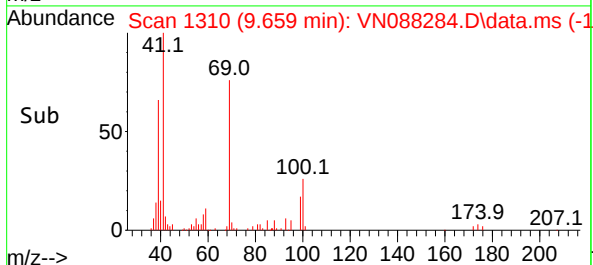
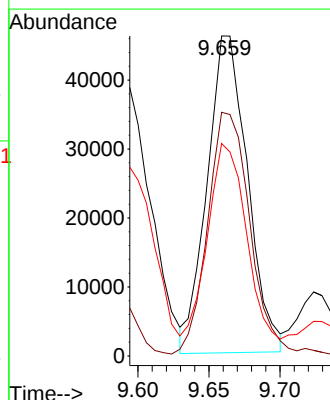
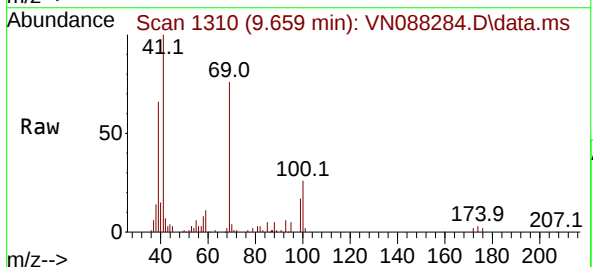
Delta R.T. -0.006 min

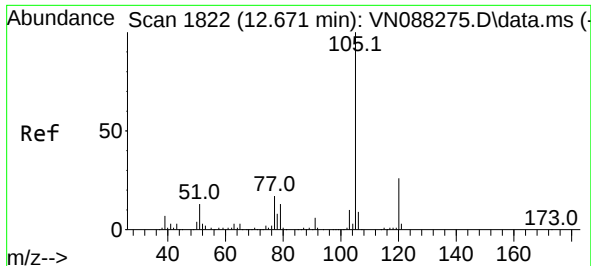
Lab File: VN088284.D

Acq: 14 Nov 2025 10:17

Tgt Ion: 41 Resp: 91015

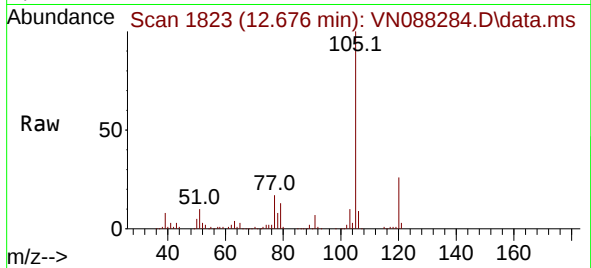
Ion	Ratio	Lower	Upper
41	100		
69	79.6	38.5	115.3
39	65.6	29.0	87.1





#47
n-amy1 Acetate
Concen: 16.627 ug/l m
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

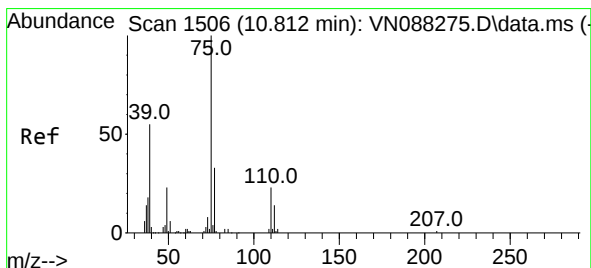
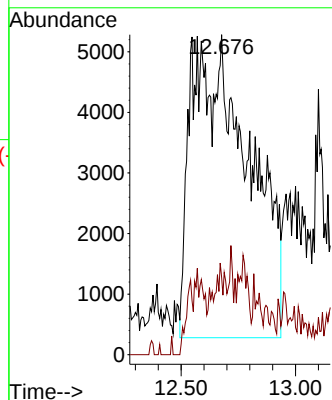
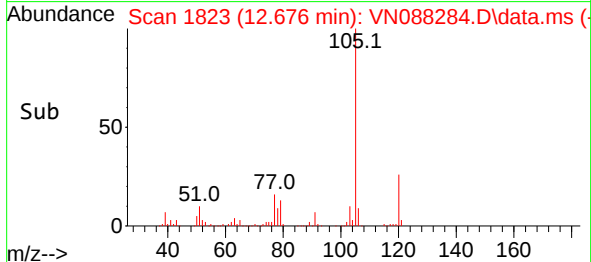
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 43 Resp: 8684
Ion Ratio Lower Upper
43 100
55 1.2 0.0 0.0

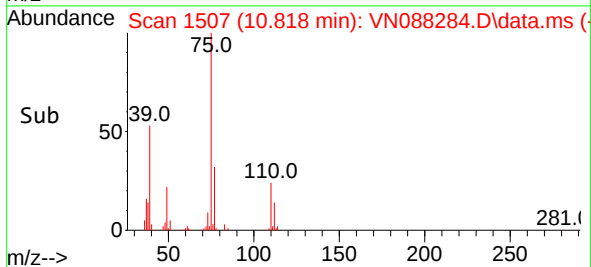
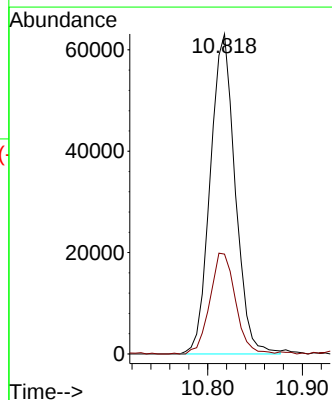
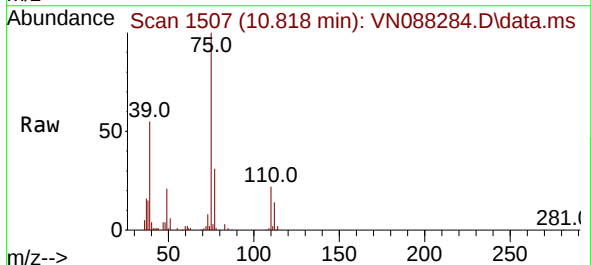
Manual Integrations
APPROVED

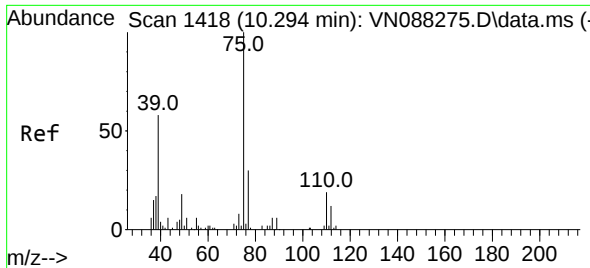
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#48
t-1,3-Dichloropropene
Concen: 18.843 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

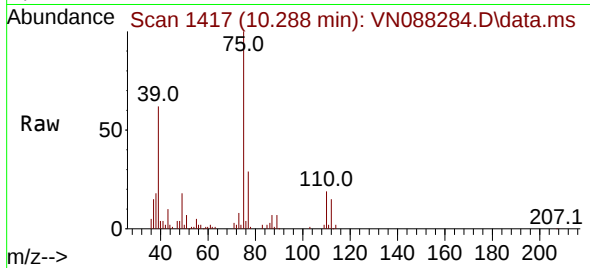
Tgt Ion: 75 Resp: 115520
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 19.657 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088284.D
 Acq: 14 Nov 2025 10:17

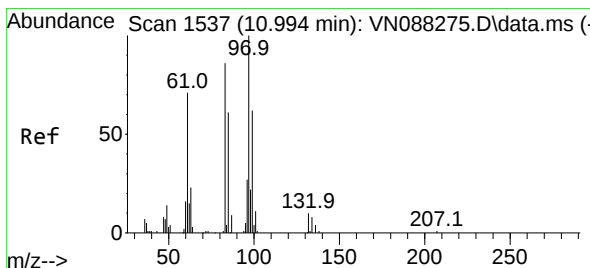
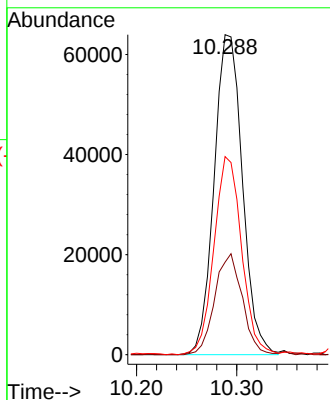
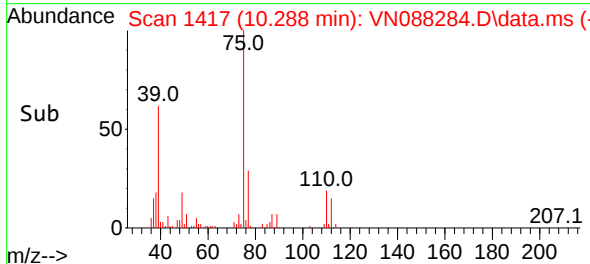
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01



Tgt Ion: 75 Resp: 125380
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.4 36.6
 39 61.9 46.1 69.1

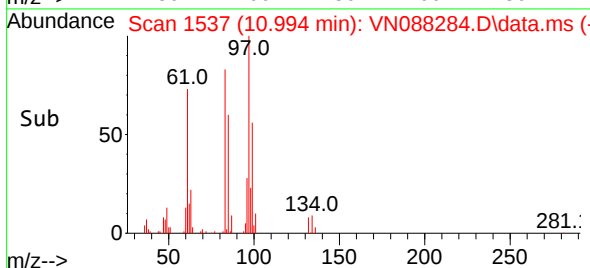
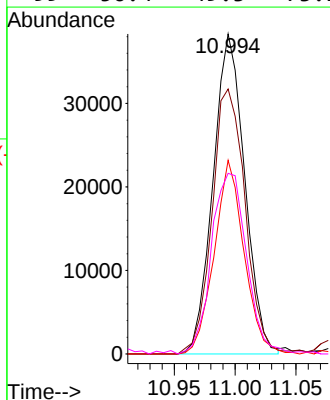
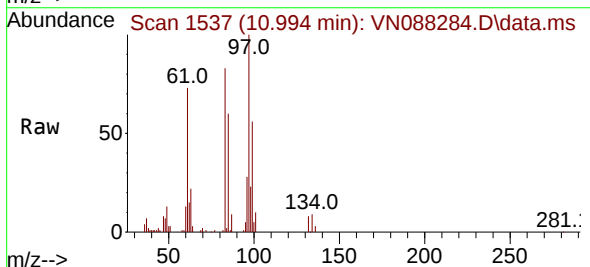
Manual Integrations
 APPROVED

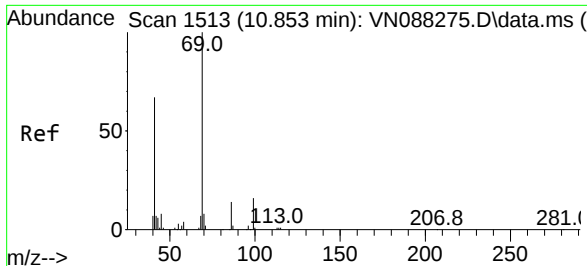
Reviewed By :John Carlone 11/17/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.656 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088284.D
 Acq: 14 Nov 2025 10:17

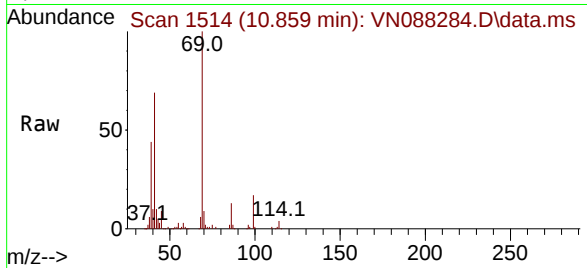
Tgt Ion: 97 Resp: 69203
 Ion Ratio Lower Upper
 97 100
 83 82.8 68.6 102.8
 85 60.5 49.0 73.6
 99 56.4 49.3 73.9





#51
Ethyl methacrylate
Concen: 18.904 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

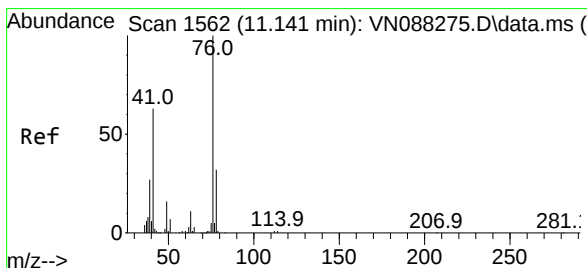
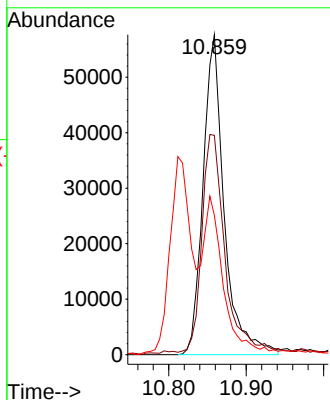
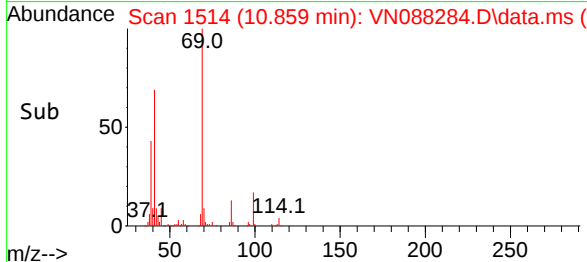
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 69 Resp: 10950
Ion Ratio Lower Upper
69 100
41 67.8 33.6 100.8
39 42.5 23.4 70.2

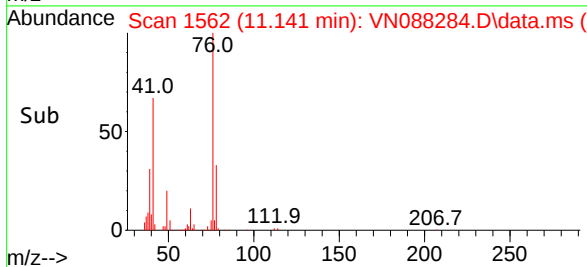
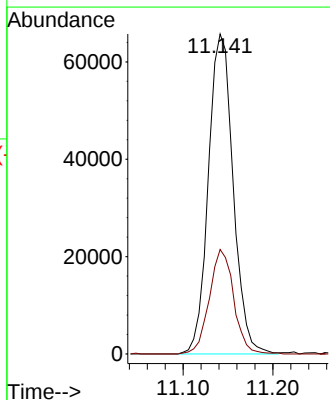
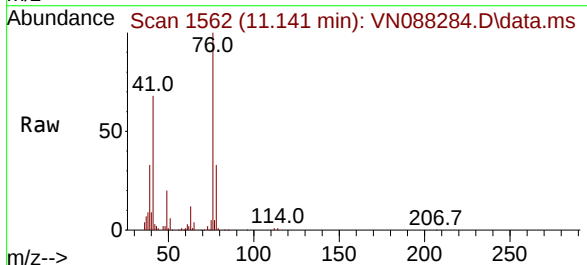
Manual Integrations
APPROVED

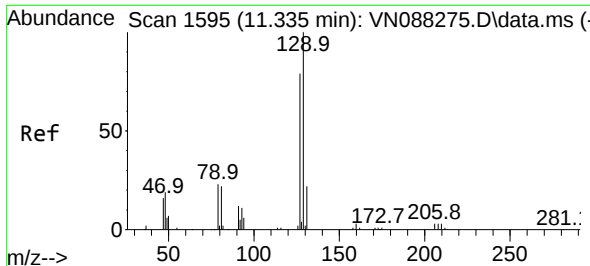
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#52
1,3-Dichloropropane
Concen: 19.660 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

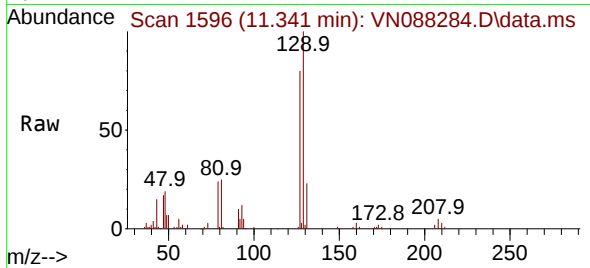
Tgt Ion: 76 Resp: 126059
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.2





#53
Dibromochloromethane
Concen: 19.330 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

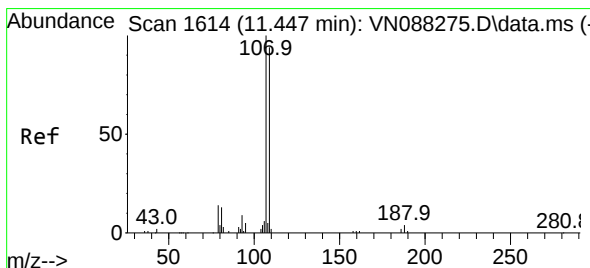
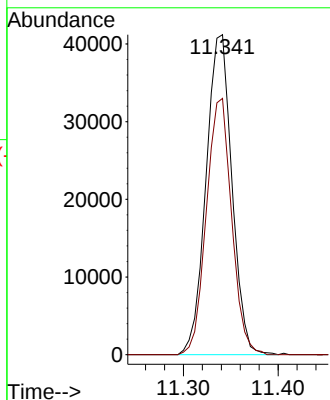
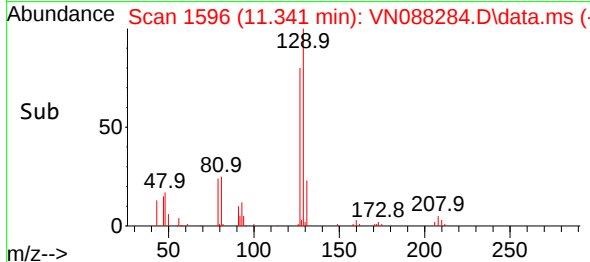
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion:129 Resp: 78172
Ion Ratio Lower Upper
129 100
127 78.1 38.2 114.6

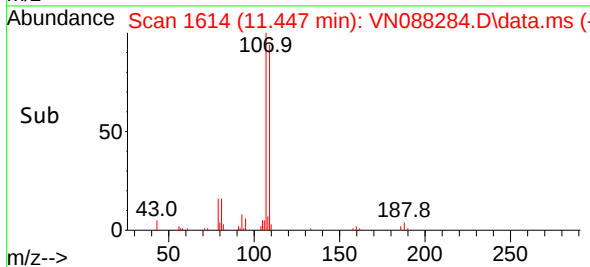
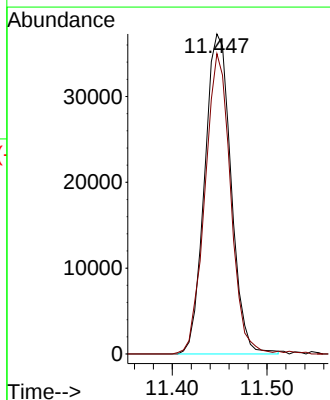
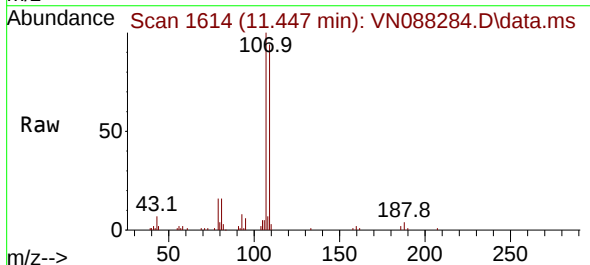
Manual Integrations
APPROVED

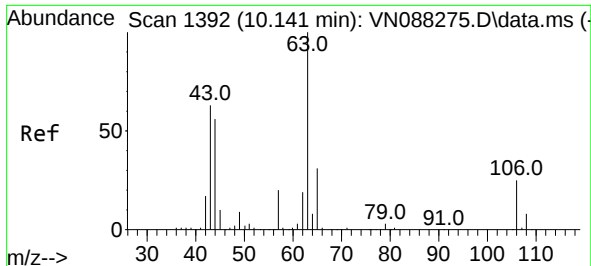
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#54
1,2-Dibromoethane
Concen: 19.752 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

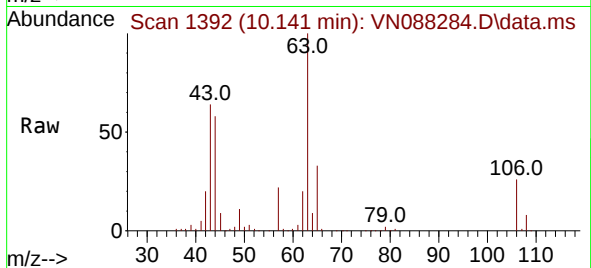
Tgt Ion:107 Resp: 72255
Ion Ratio Lower Upper
107 100
109 91.1 76.6 115.0





#55
2-Chloroethyl vinyl ether
Concen: 90.850 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

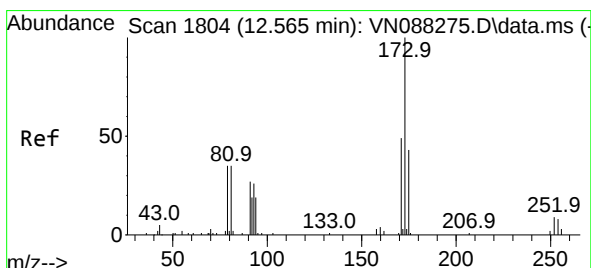
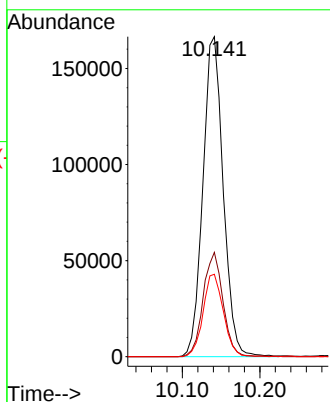
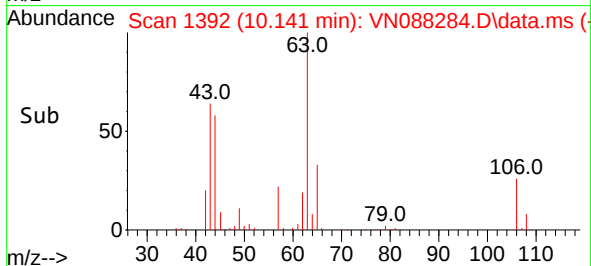
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 63 Resp: 303144
Ion Ratio Lower Upper
63 100
65 31.8 24.9 37.3
106 25.8 20.3 30.5

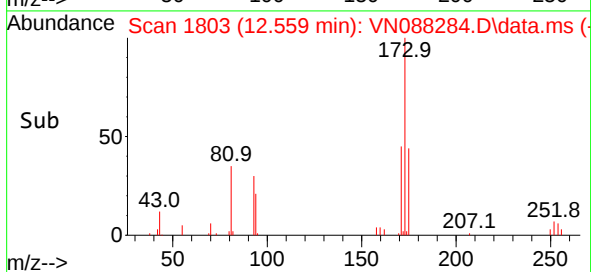
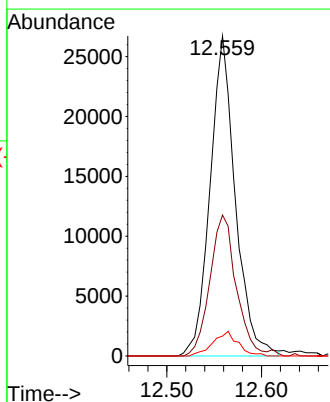
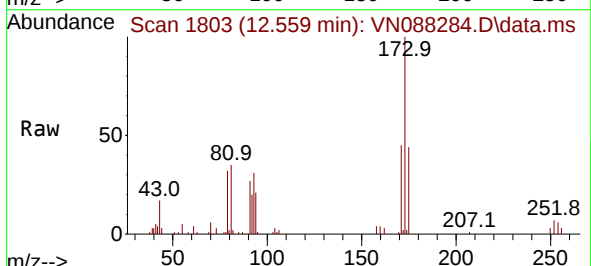
Manual Integrations
APPROVED

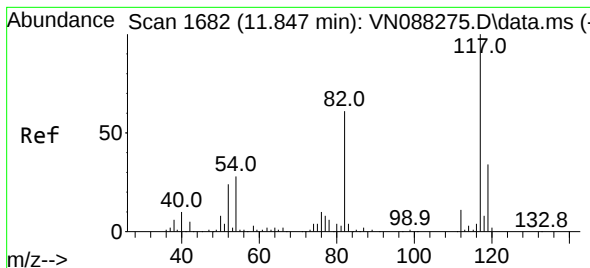
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#56
Bromoform
Concen: 19.328 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Tgt Ion:173 Resp: 49476
Ion Ratio Lower Upper
173 100
175 45.8 37.7 56.5
254 7.4 5.9 8.9





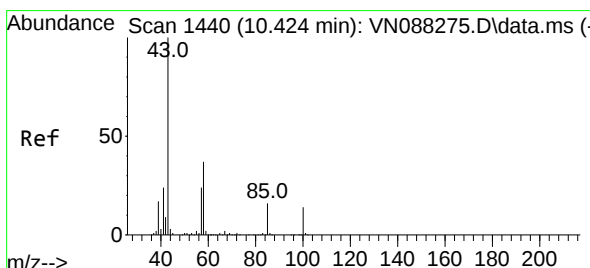
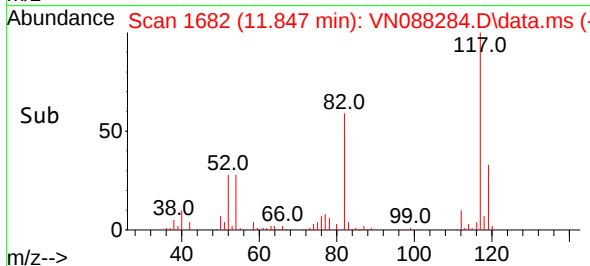
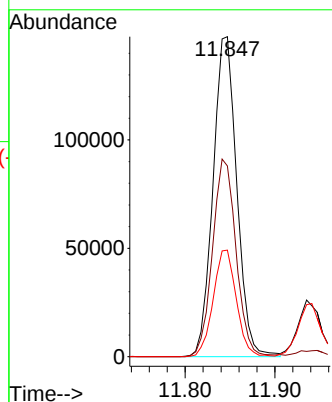
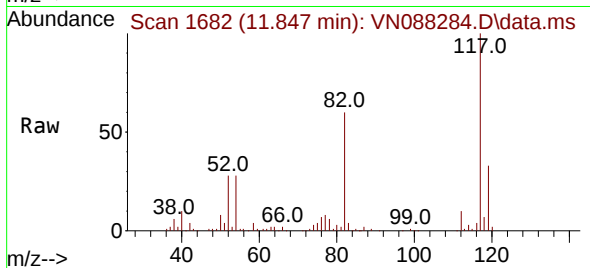
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion:117 Resp: 272070
Ion Ratio Lower Upper
117 100
82 61.1 49.3 73.9
119 32.5 26.4 39.6

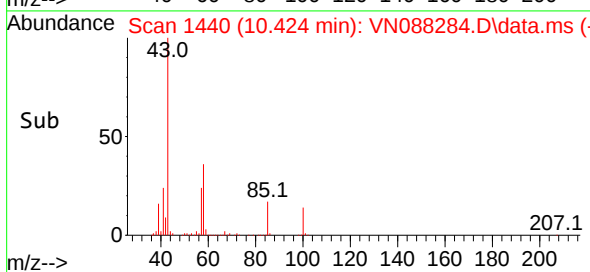
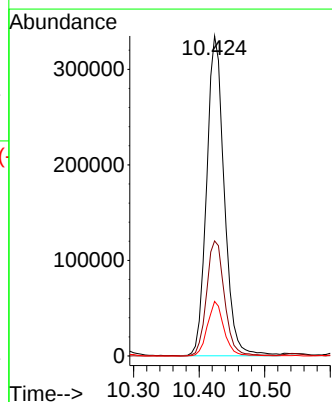
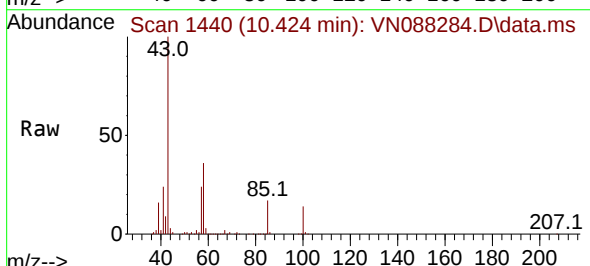
Manual Integrations
APPROVED

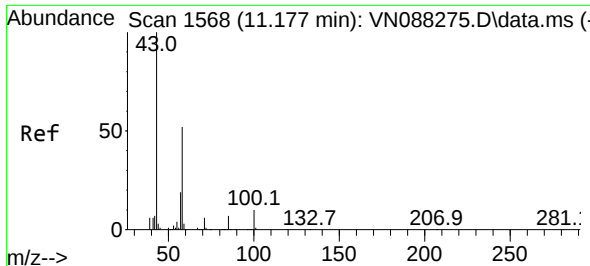
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#58
4-Methyl-2-Pentanone
Concen: 101.706 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

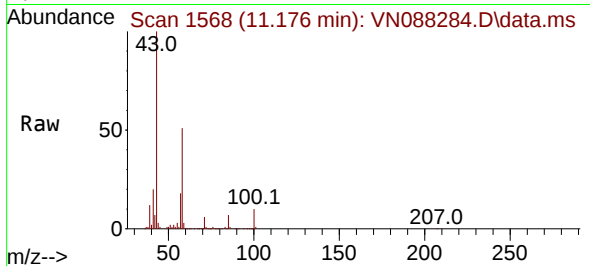
Tgt Ion: 43 Resp: 625864
Ion Ratio Lower Upper
43 100
58 36.7 29.2 43.8
85 15.9 12.6 19.0





#59
2-Hexanone
Concen: 96.765 ug/l
RT: 11.176 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

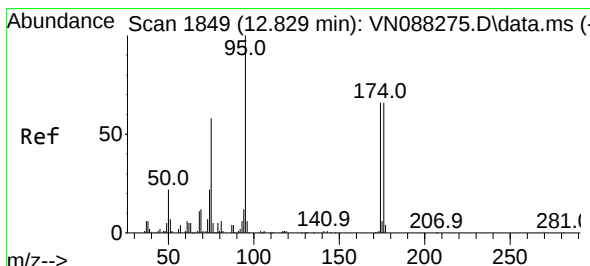
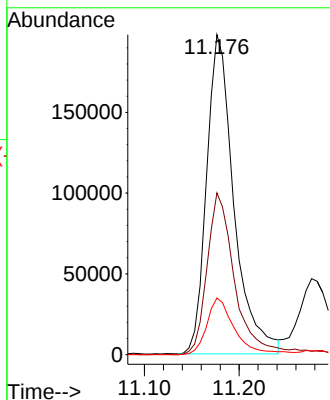
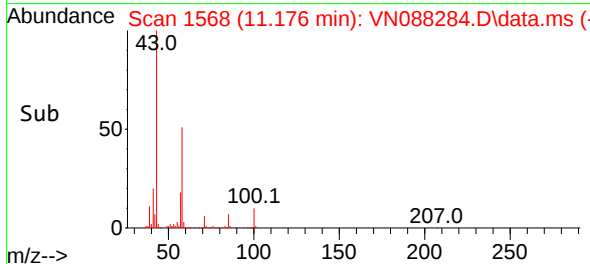
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 43 Resp: 395404
Ion Ratio Lower Upper
43 100
58 50.9 41.0 61.4
57 18.2 14.4 21.6

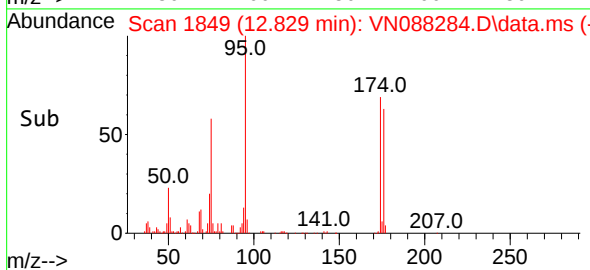
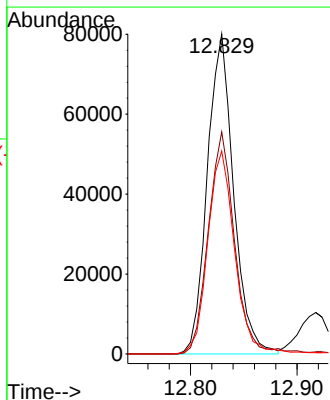
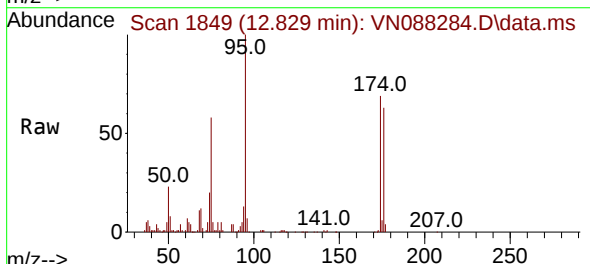
Manual Integrations
APPROVED

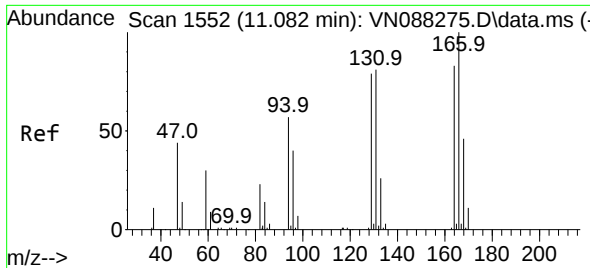
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#60
4-Bromofluorobenzene
Concen: 29.865 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

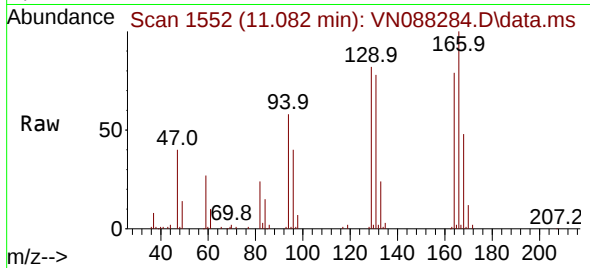
Tgt Ion: 95 Resp: 137356
Ion Ratio Lower Upper
95 100
174 68.5 54.5 81.7
176 65.3 53.8 80.6





#61
Tetrachloroethene
Concen: 19.959 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

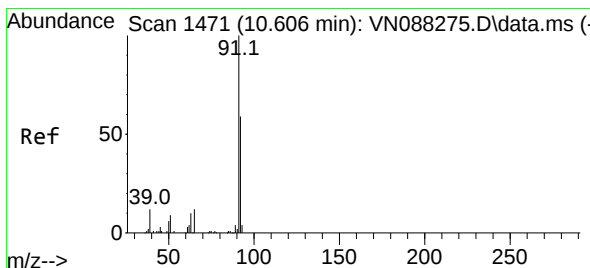
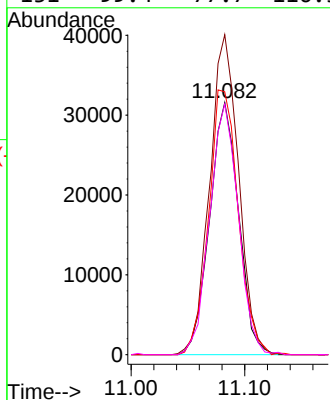
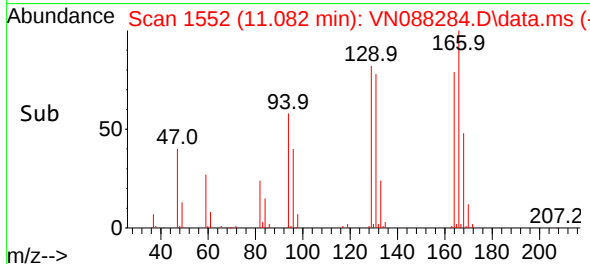
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion:164 Resp: 5598
Ion Ratio Lower Upper
164 100
166 126.5 96.3 144.5
129 104.3 76.2 114.2
131 99.4 77.7 116.5

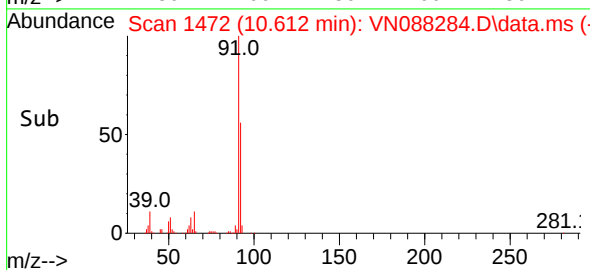
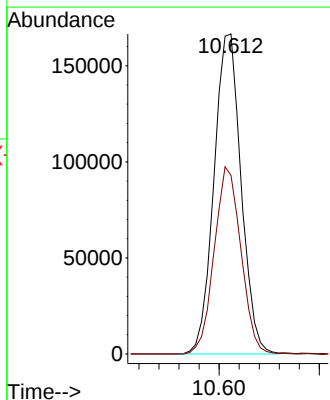
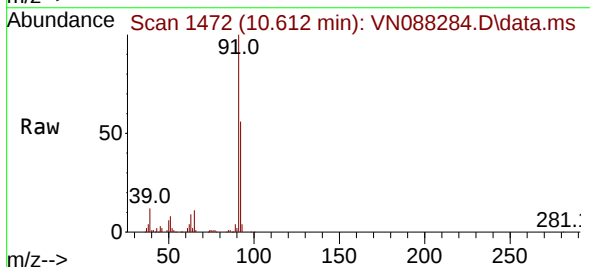
Manual Integrations
APPROVED

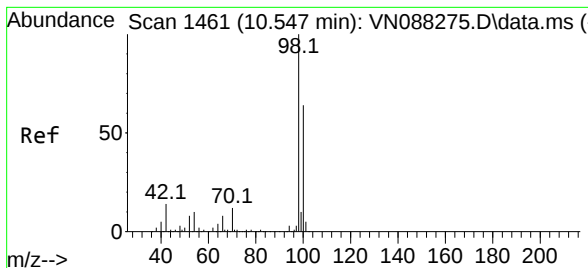
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#62
Toluene
Concen: 20.014 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

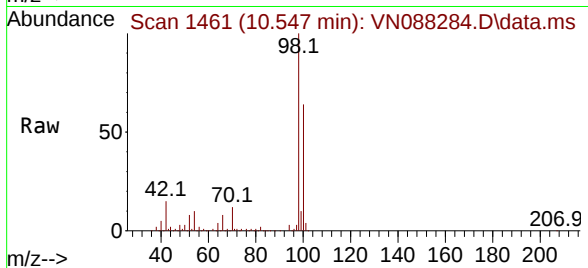
Tgt Ion: 91 Resp: 312483
Ion Ratio Lower Upper
91 100
92 57.4 46.7 70.1





#63
Toluene-d8
Concen: 30.546 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

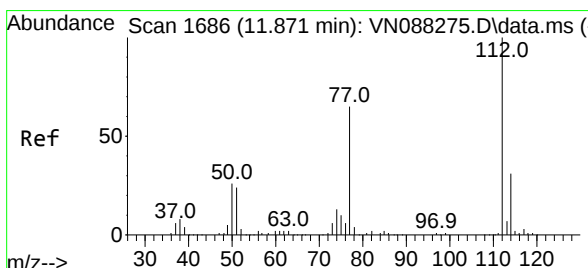
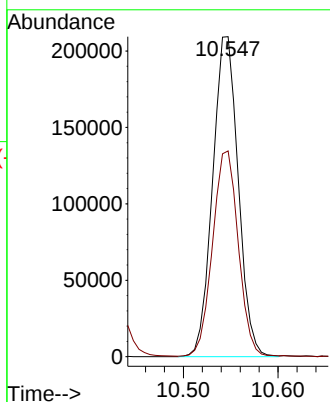
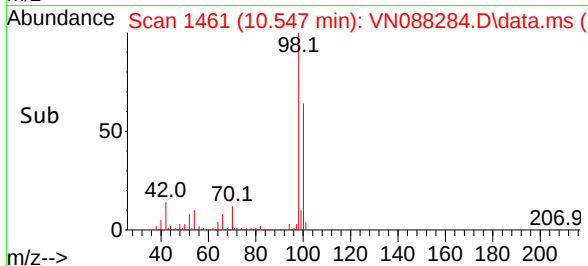
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



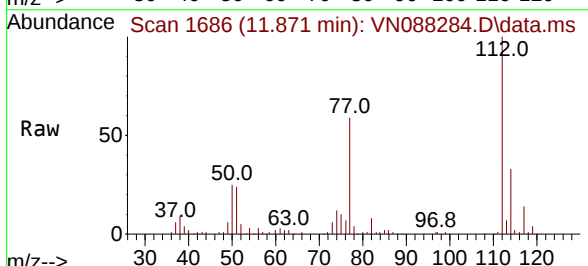
Tgt Ion: 98 Resp: 39346
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

Manual Integrations
APPROVED

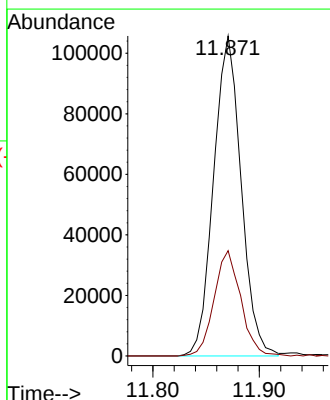
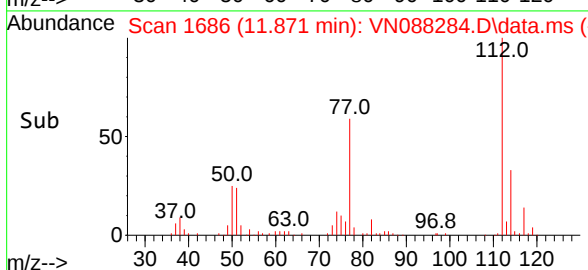
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

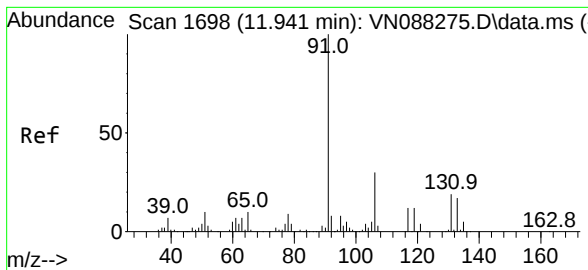


#64
Chlorobenzene
Concen: 19.633 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



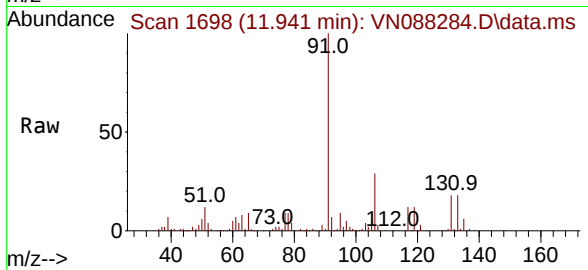
Tgt Ion:112 Resp: 189846
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4





#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.892 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN088284.D
 Acq: 14 Nov 2025 10:17

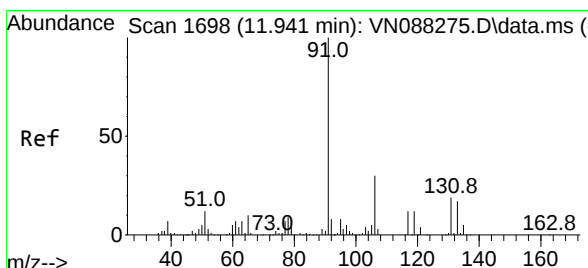
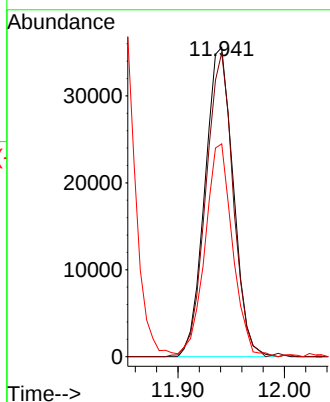
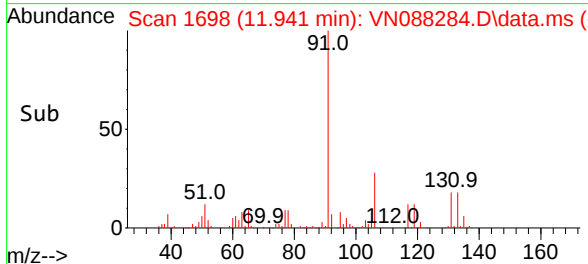
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01



Tgt Ion:131 Resp: 65838
 Ion Ratio Lower Upper
 131 100
 133 94.3 0.0 181.4
 119 66.5 0.0 135.0

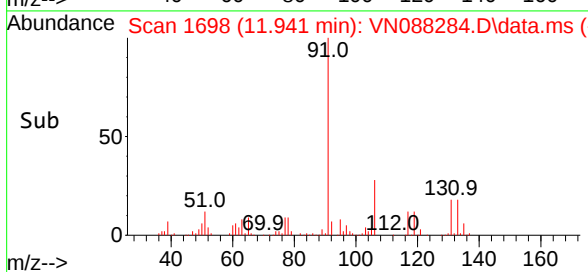
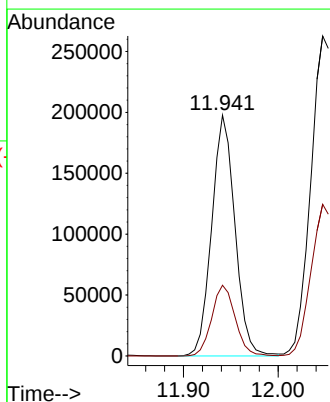
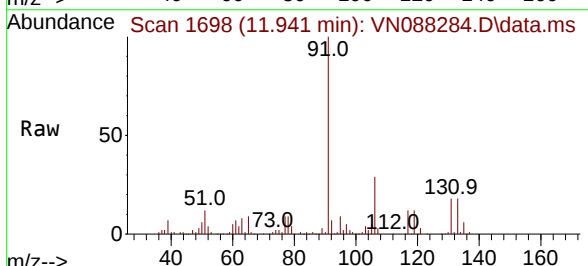
Manual Integrations
 APPROVED

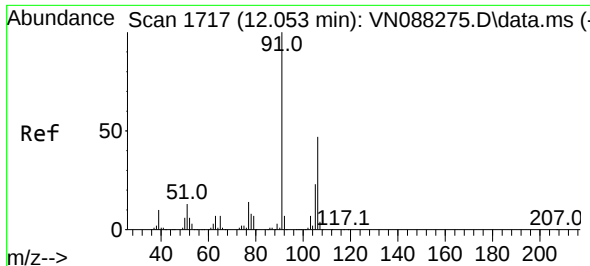
Reviewed By :John Carlone 11/17/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#66
 Ethyl Benzene
 Concen: 19.625 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN088284.D
 Acq: 14 Nov 2025 10:17

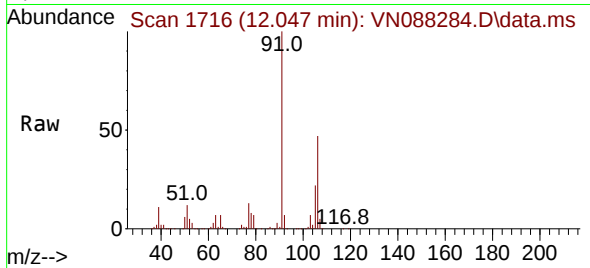
Tgt Ion: 91 Resp: 337712
 Ion Ratio Lower Upper
 91 100
 106 29.3 24.4 36.6





#67
m/p-Xylenes
Concen: 38.595 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

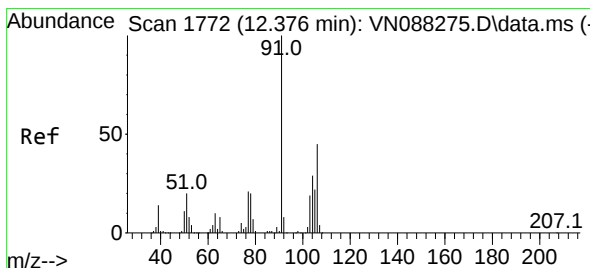
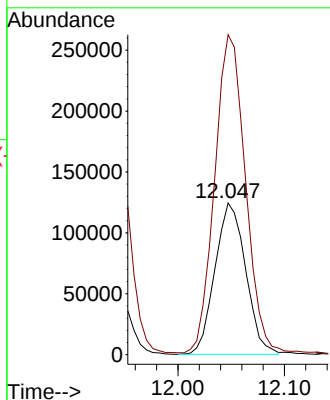
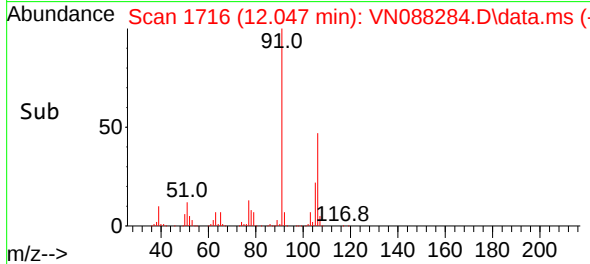
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



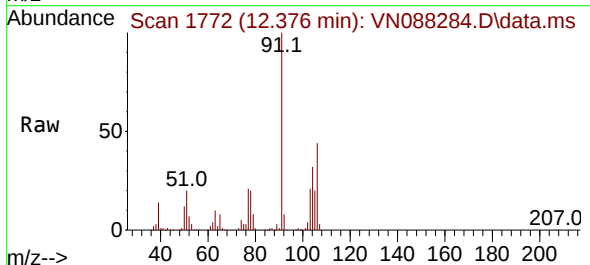
Tgt Ion:106 Resp: 248368
Ion Ratio Lower Upper
106 100
91 209.7 168.3 252.5

Manual Integrations
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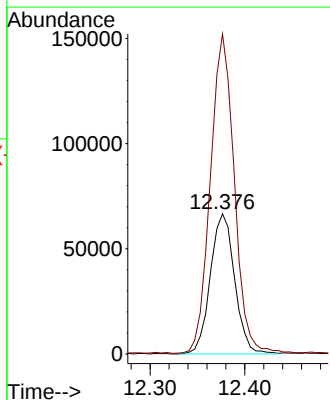
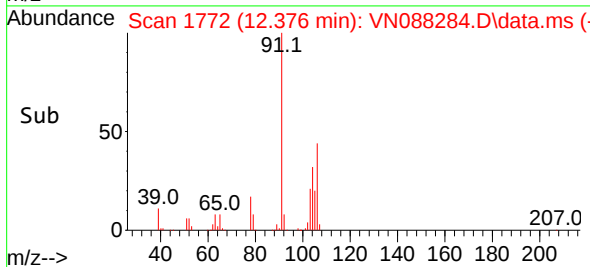
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

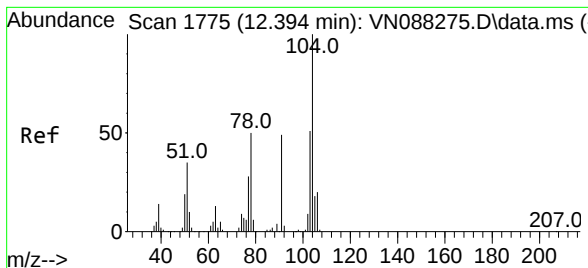


#68
o-Xylene
Concen: 19.602 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



Tgt Ion:106 Resp: 118994
Ion Ratio Lower Upper
106 100
91 224.4 114.0 342.0





#69

Styrene

Concen: 19.059 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN088284.D

Acq: 14 Nov 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBSD01

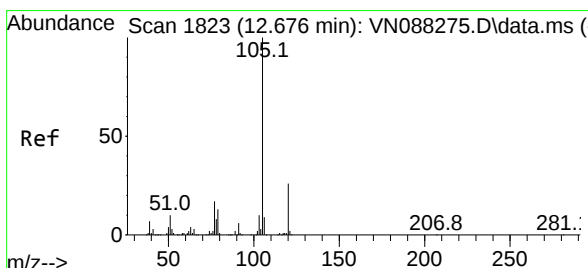
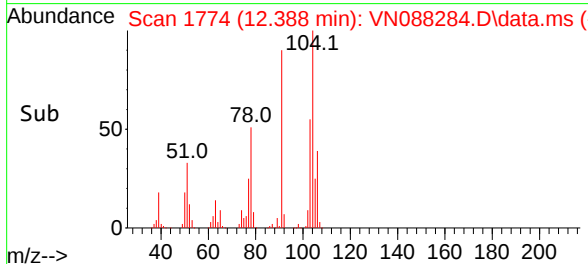
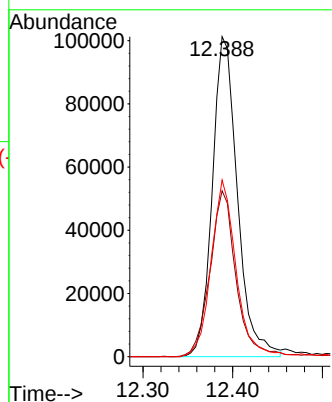
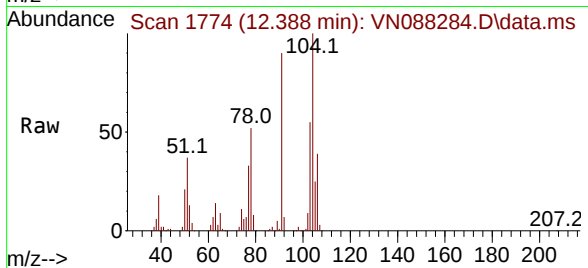
Tgt Ion:104 Resp: 196508
 Ion Ratio Lower Upper
 104 100
 78 53.7 43.8 65.8
 103 55.2 44.8 67.2

Manual Integrations

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Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#70

Isopropylbenzene

Concen: 19.247 ug/l

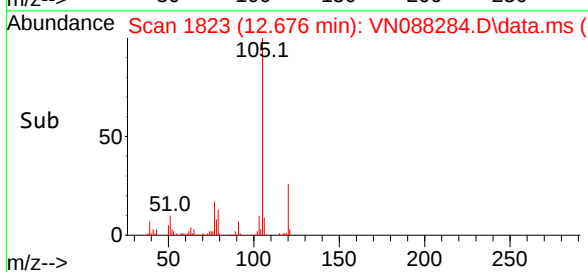
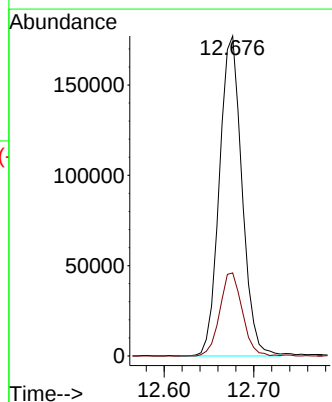
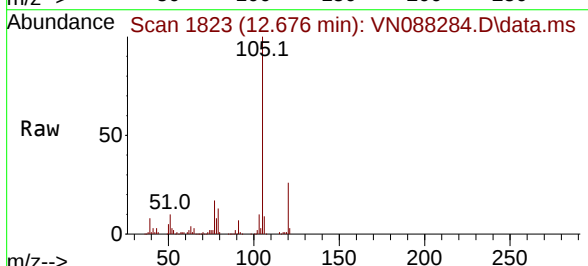
RT: 12.676 min Scan# 1823

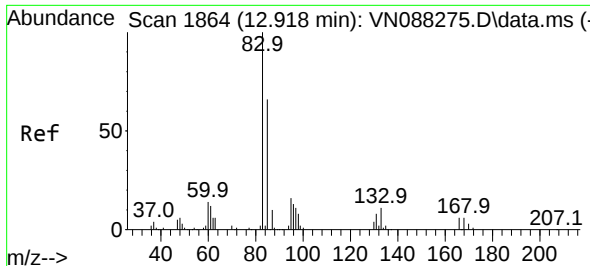
Delta R.T. -0.000 min

Lab File: VN088284.D

Acq: 14 Nov 2025 10:17

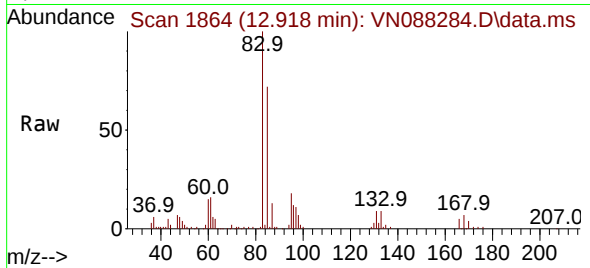
Tgt Ion:105 Resp: 309649
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 20.083 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

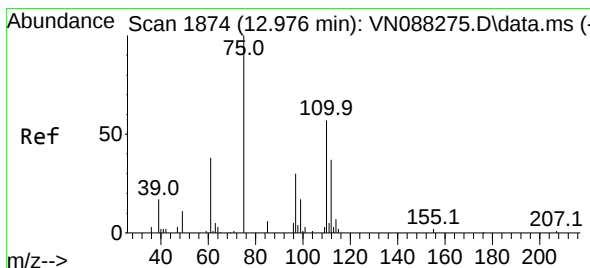
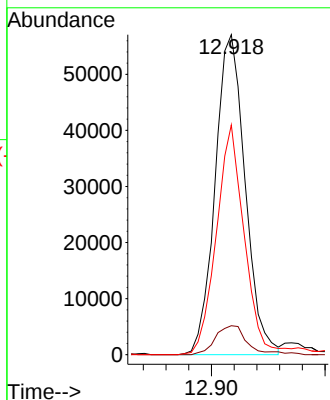
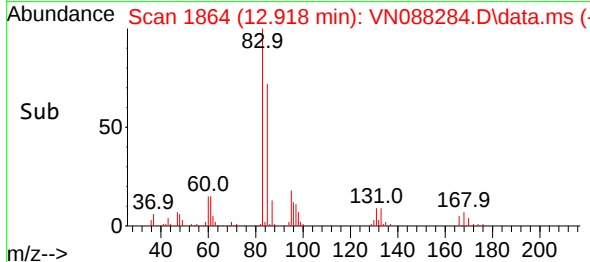
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 83 Resp: 10465
Ion Ratio Lower Upper
83 100
131 9.1 4.3 12.9
85 66.9 32.4 97.2

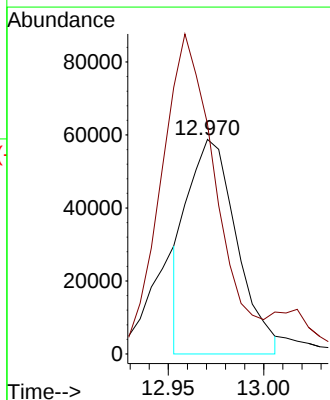
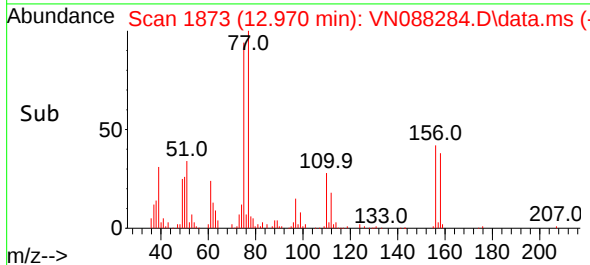
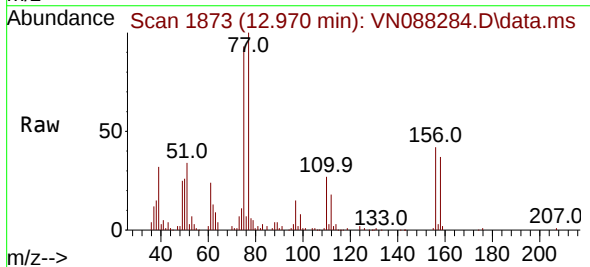
Manual Integrations
APPROVED

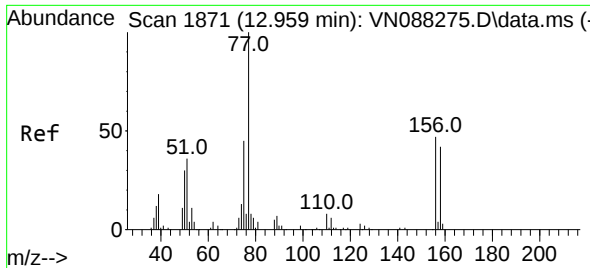
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#72
1,2,3-Trichloropropane
Concen: 20.981 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

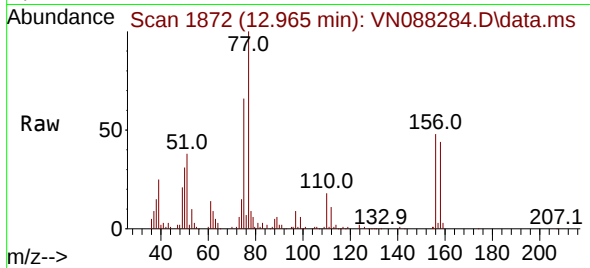
Tgt Ion: 75 Resp: 105923
Ion Ratio Lower Upper
75 100
77 166.8 0.0 386.6





#73
Bromobenzene
Concen: 19.664 ug/l
RT: 12.965 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

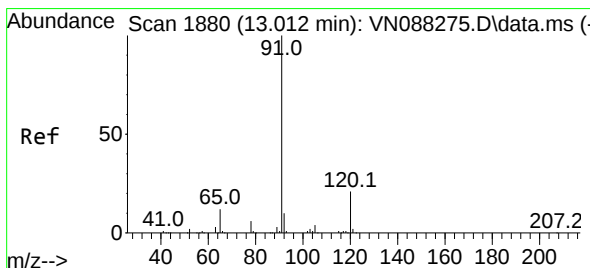
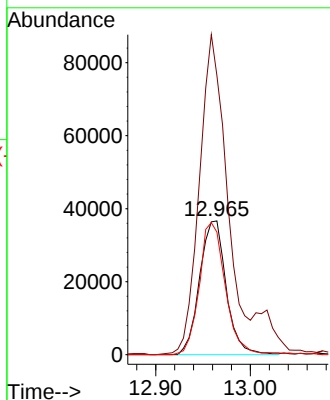
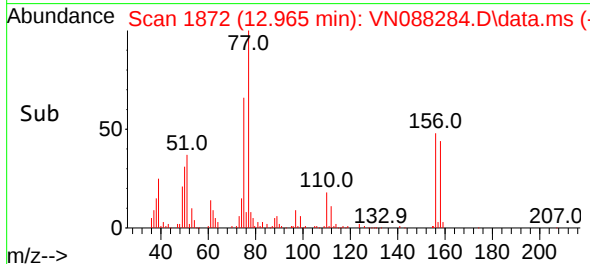
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion:156 Resp: 7142
Ion Ratio Lower Upper
156 100
77 247.3 0.0 493.4
158 96.1 0.0 193.4

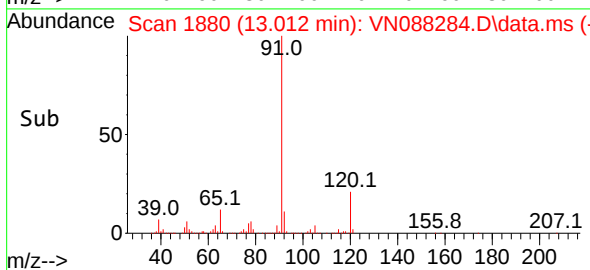
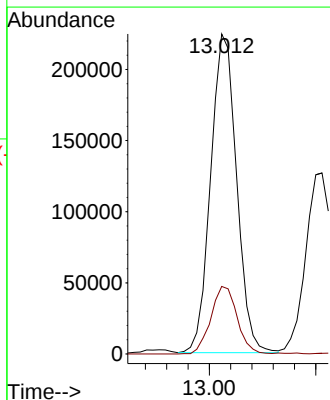
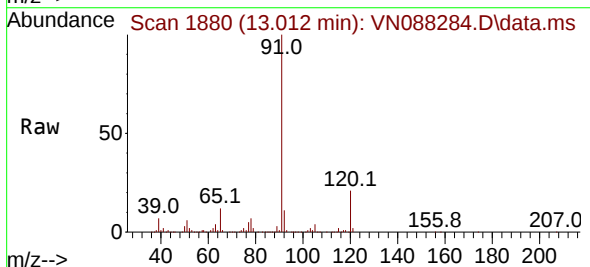
Manual Integrations
APPROVED

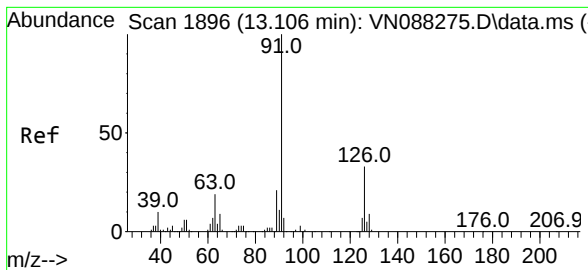
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#74
n-propylbenzene
Concen: 19.014 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Tgt Ion: 91 Resp: 378570
Ion Ratio Lower Upper
91 100
120 21.2 0.0 43.2





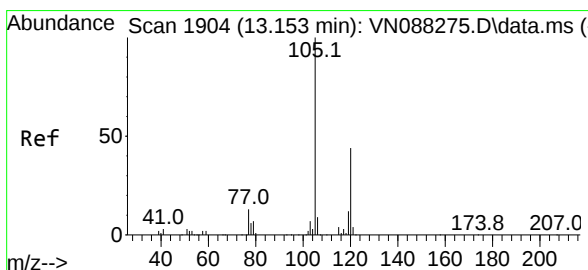
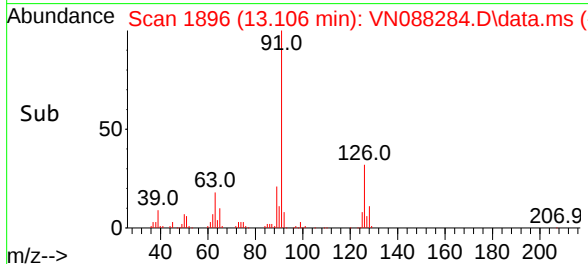
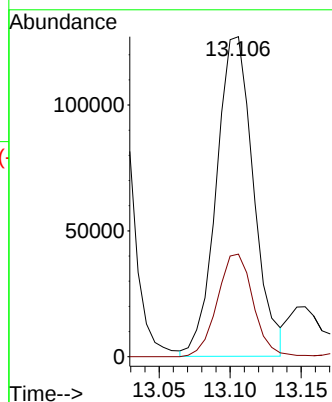
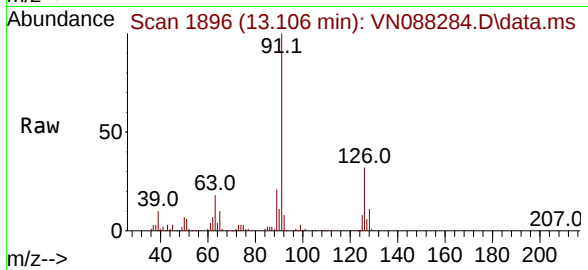
#75
2-Chlorotoluene
Concen: 19.116 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01

Tgt Ion: 91 Resp: 23142
Ion Ratio Lower Upper
91 100
126 31.1 0.0 62.0

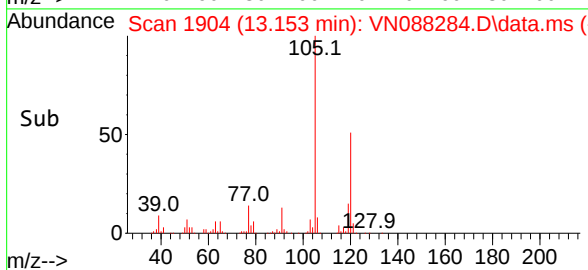
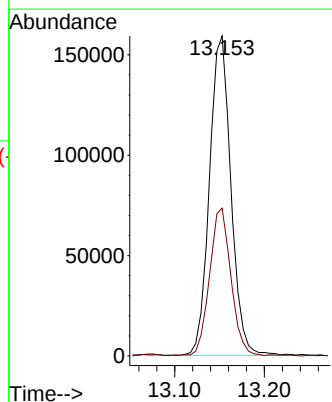
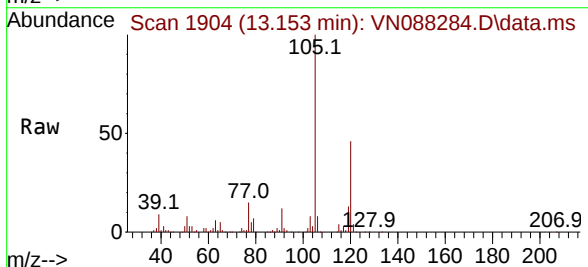
Manual Integrations
APPROVED

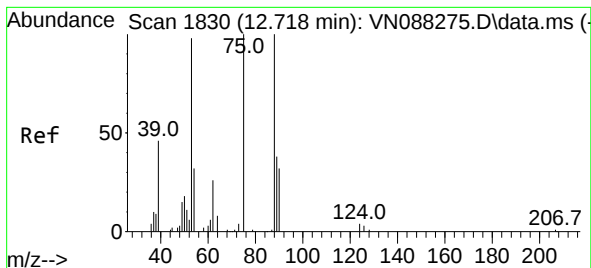
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.563 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

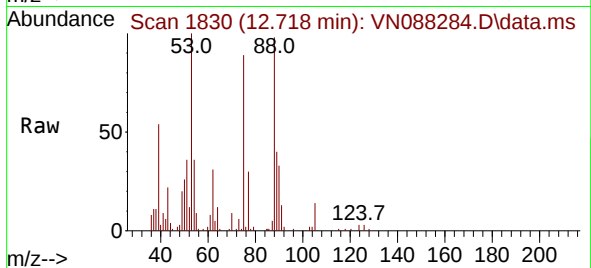
Tgt Ion:105 Resp: 264183
Ion Ratio Lower Upper
105 100
120 46.1 0.0 94.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.010 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

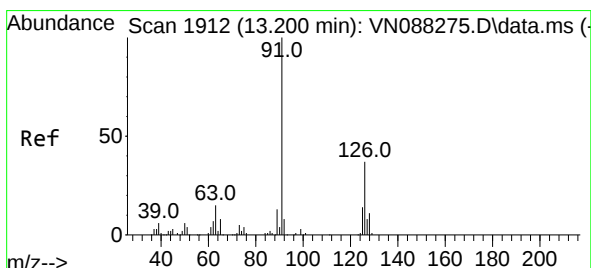
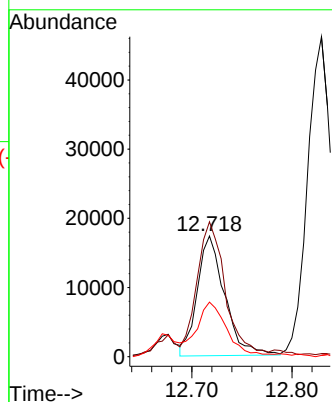
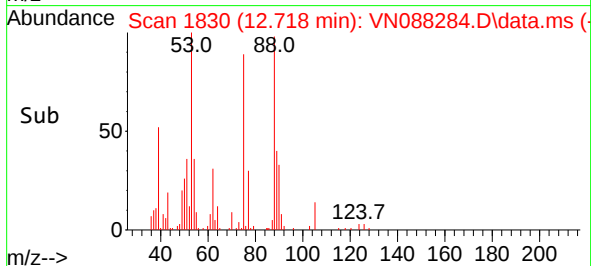
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 75 Resp: 32958
Ion Ratio Lower Upper
75 100
53 109.3 50.0 150.0
89 42.1 22.3 66.9

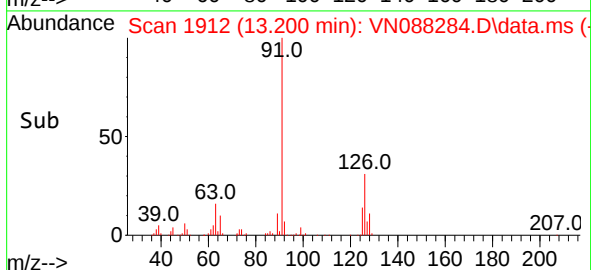
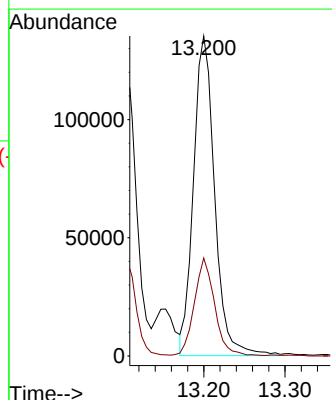
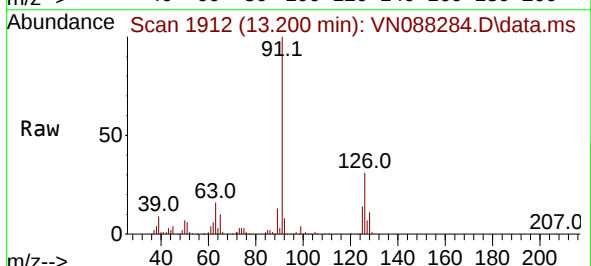
Manual Integrations
APPROVED

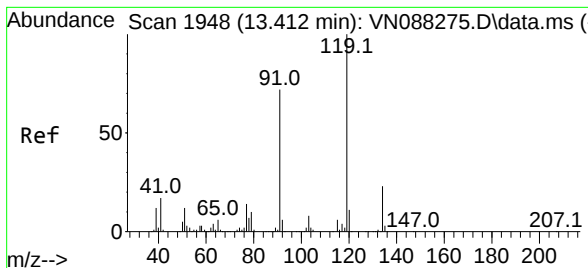
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#78
4-Chlorotoluene
Concen: 19.989 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

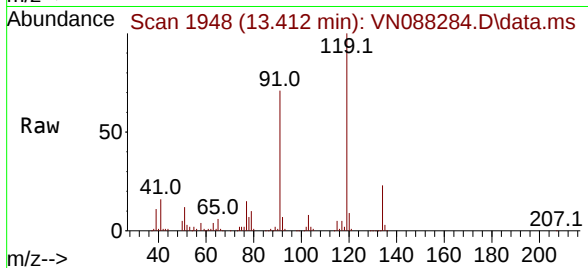
Tgt Ion: 91 Resp: 245229
Ion Ratio Lower Upper
91 100
126 29.4 0.0 60.8





#79
tert-butylbenzene
Concen: 19.123 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

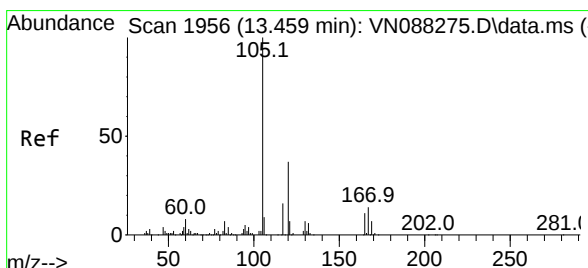
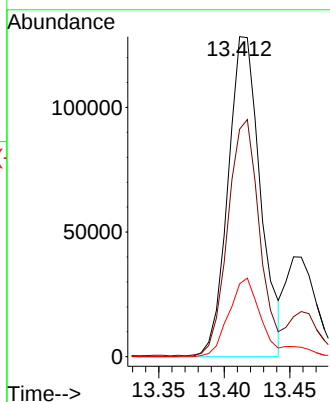
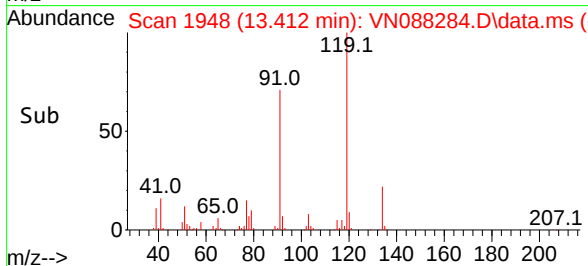
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



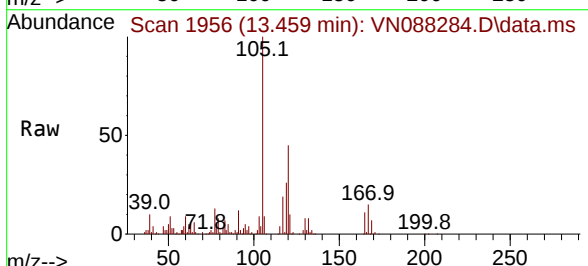
Tgt Ion:119 Resp: 22110
Ion Ratio Lower Upper
119 100
91 71.7 0.0 140.8
134 23.5 0.0 48.4

Manual Integrations
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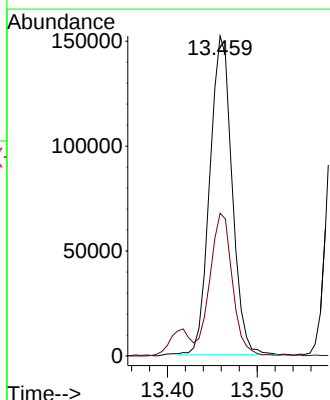
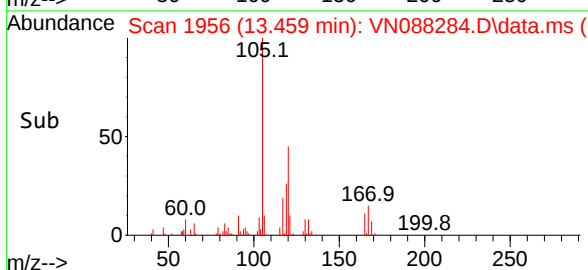
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

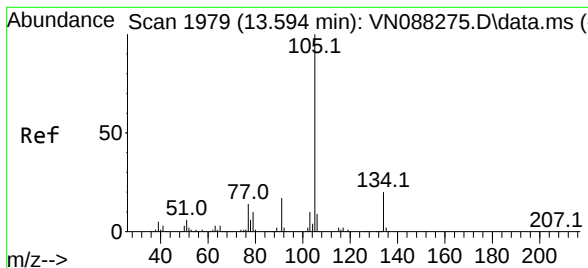


#80
1,2,4-Trimethylbenzene
Concen: 19.491 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



Tgt Ion:105 Resp: 261739
Ion Ratio Lower Upper
105 100
120 44.6 0.0 89.2





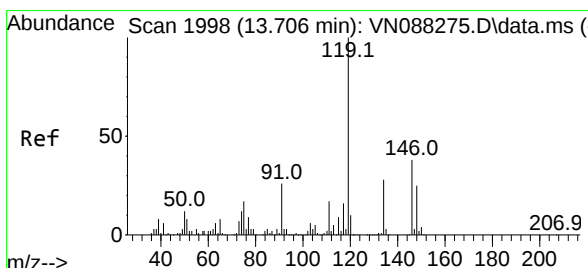
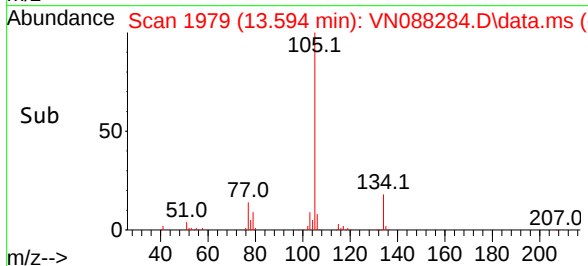
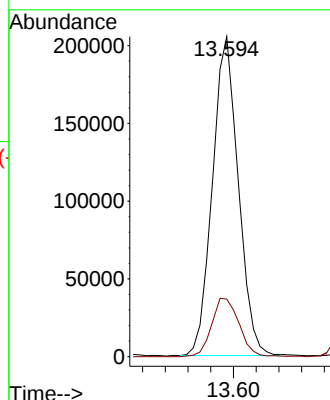
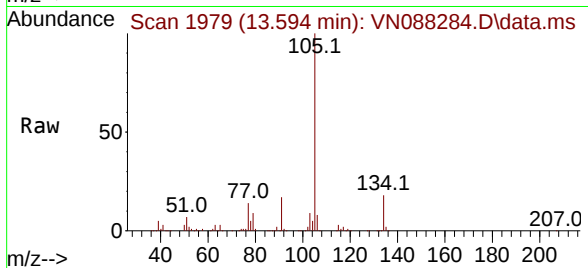
#81
 sec-Butylbenzene
 Concen: 19.221 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088284.D
 Acq: 14 Nov 2025 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBSD01

Tgt Ion:105 Resp: 32414
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4

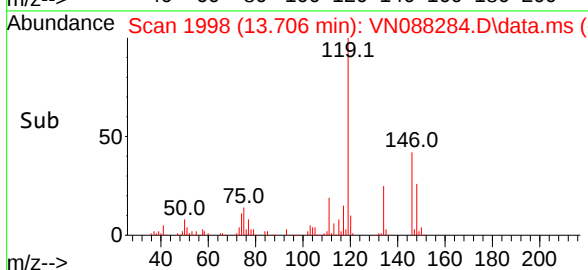
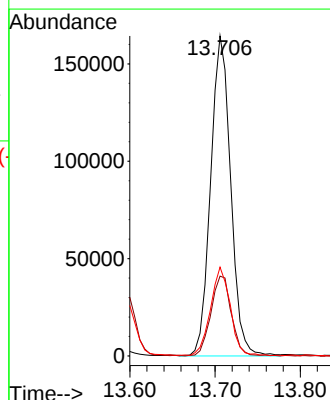
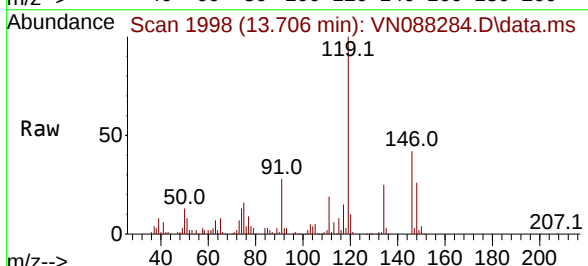
Manual Integrations
 APPROVED

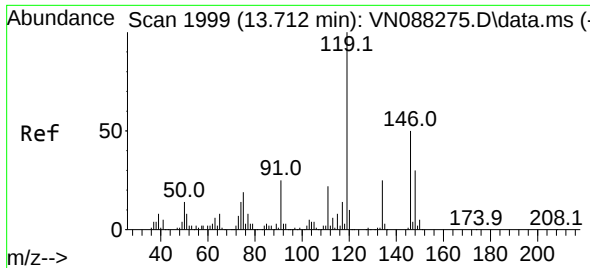
Reviewed By :John Carlone 11/17/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#82
 p-Isopropyltoluene
 Concen: 19.300 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088284.D
 Acq: 14 Nov 2025 10:17

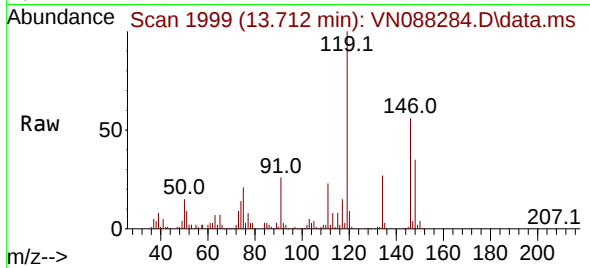
Tgt Ion:119 Resp: 268941
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.2
 91 27.0 0.0 53.4





#83
1,3-Dichlorobenzene
Concen: 19.921 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

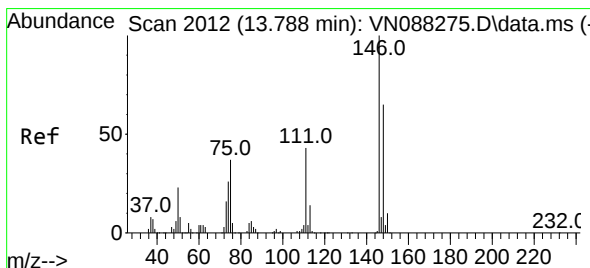
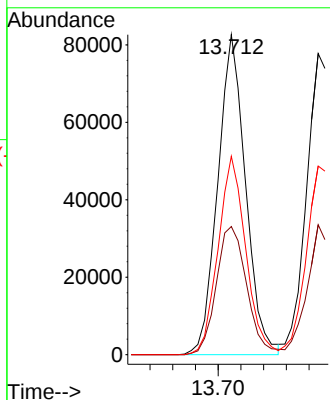
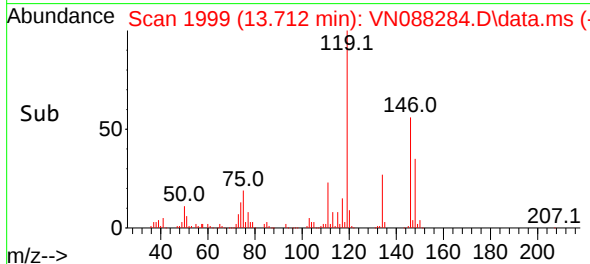
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



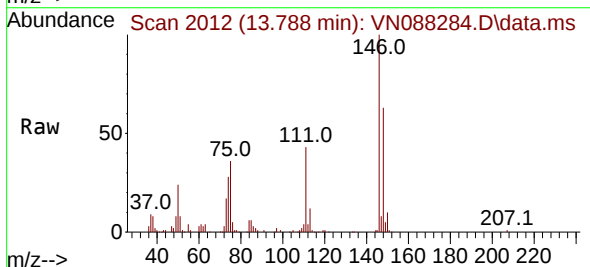
Tgt Ion:146 Resp: 140570
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.5
148 61.6 31.4 94.3

Manual Integrations
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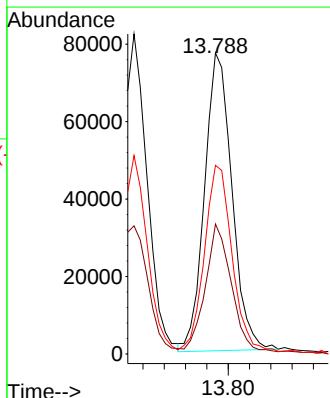
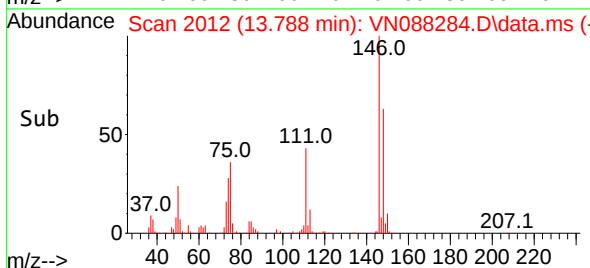
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

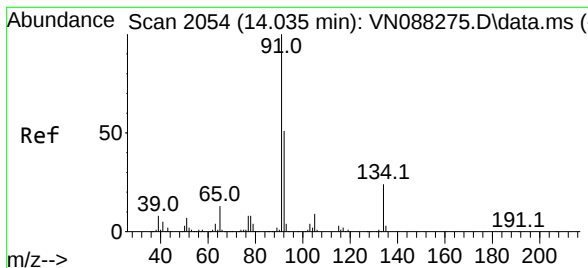


#84
1,4-Dichlorobenzene
Concen: 19.252 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



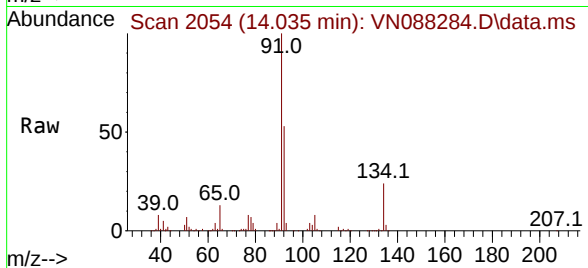
Tgt Ion:146 Resp: 137586
Ion Ratio Lower Upper
146 100
111 42.3 21.8 65.3
148 65.4 31.9 95.5





#85
n-Butylbenzene
Concen: 19.610 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

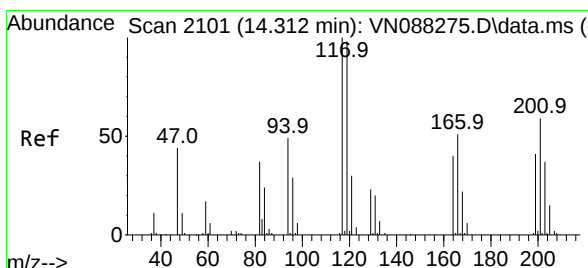
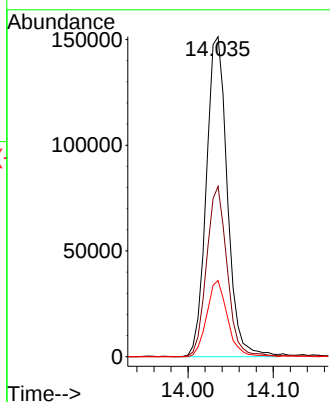
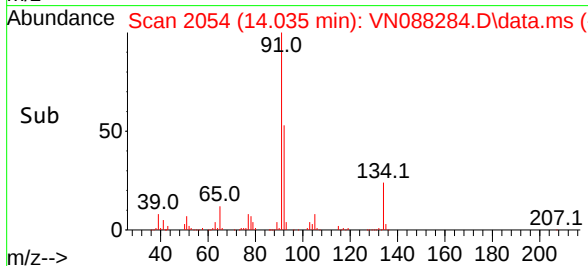
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion: 91 Resp: 260428
Ion Ratio Lower Upper
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92 51.9 0.0 102.4
134 23.5 0.0 45.8

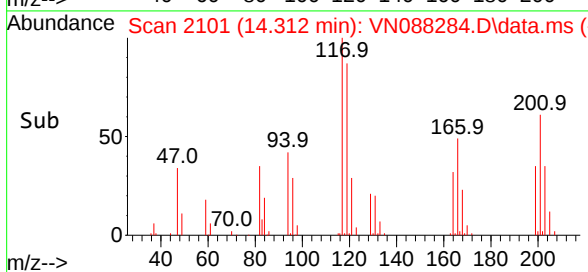
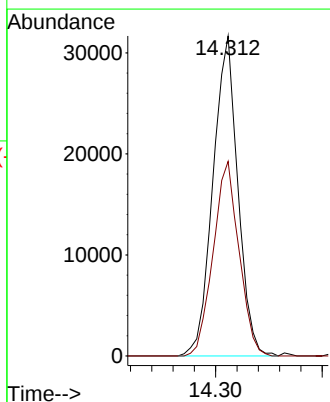
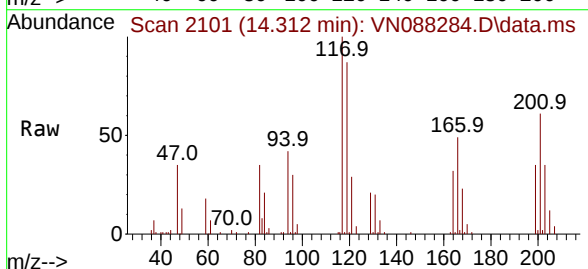
Manual Integrations
APPROVED

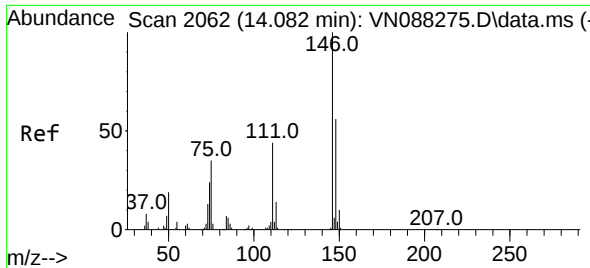
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#86
Hexachloroethane
Concen: 19.222 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

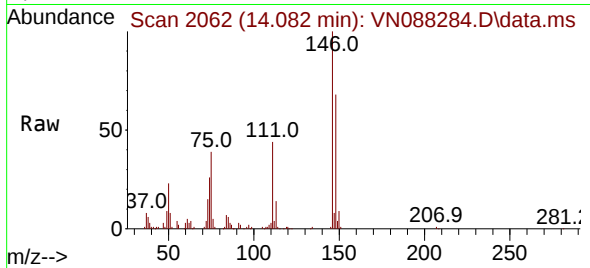
Tgt Ion:117 Resp: 51286
Ion Ratio Lower Upper
117 100
201 63.1 30.6 92.0





#87
1,2-Dichlorobenzene
Concen: 20.172 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

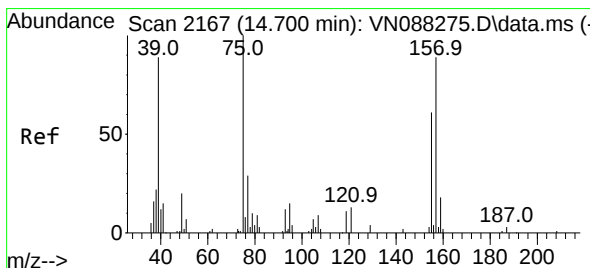
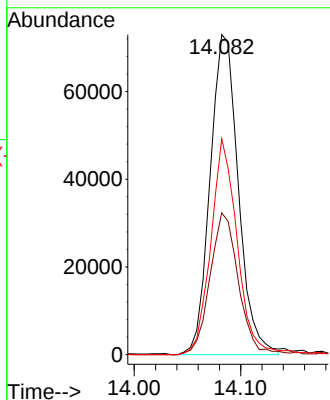
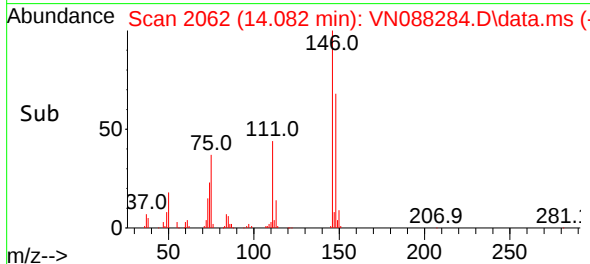
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



Tgt Ion:146 Resp: 134359
Ion Ratio Lower Upper
146 100
111 44.6 23.0 69.0
148 62.7 31.1 93.2

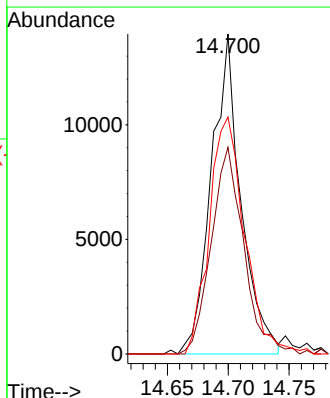
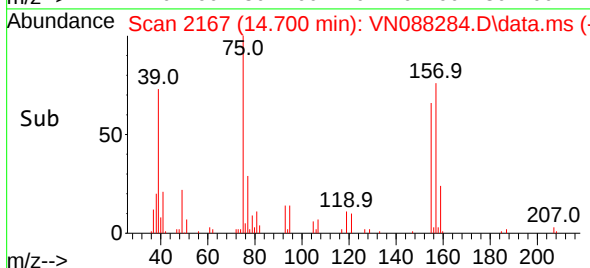
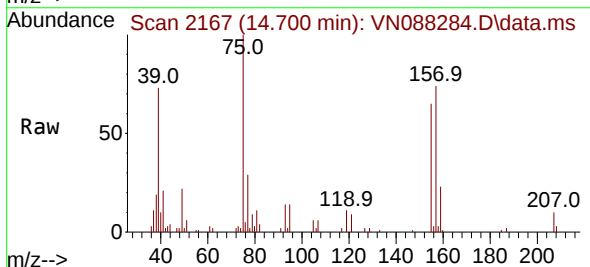
Manual Integrations
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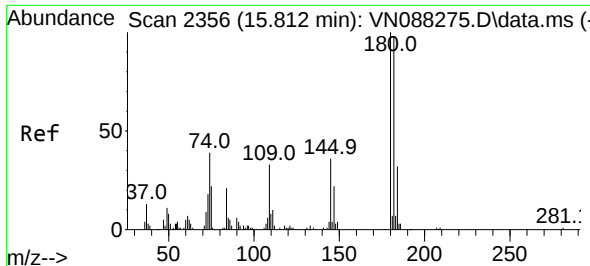
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.286 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

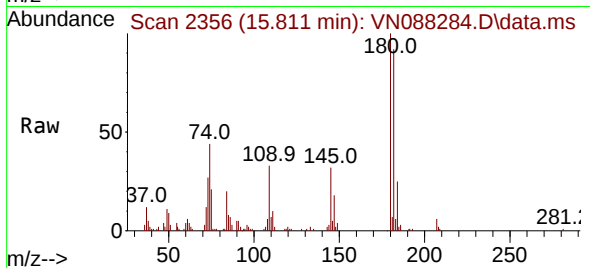
Tgt Ion: 75 Resp: 23624
Ion Ratio Lower Upper
75 100
155 70.8 54.8 82.2
157 88.2 70.7 106.1





#89
1,2,4-Trichlorobenzene
Concen: 19.376 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

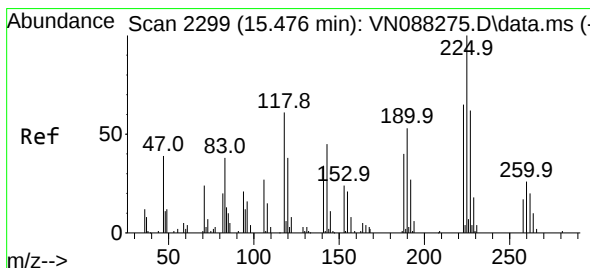
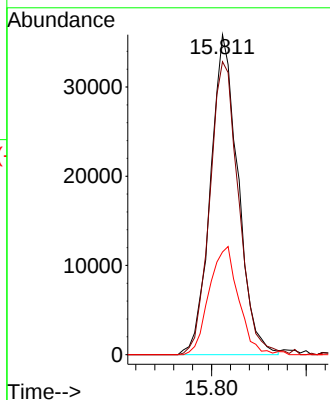
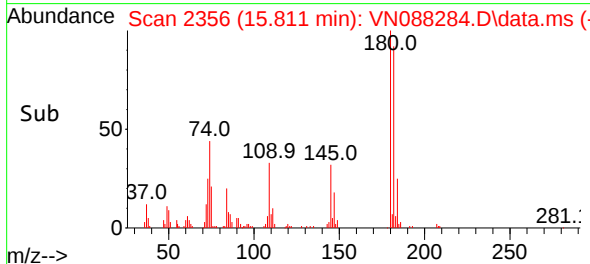
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



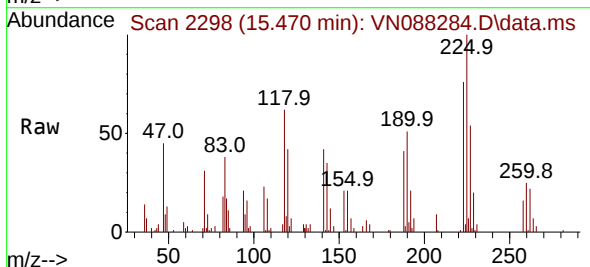
Tgt Ion:180 Resp: 72424
Ion Ratio Lower Upper
180 100
182 95.7 77.3 115.9
145 35.9 30.2 45.4

Manual Integrations
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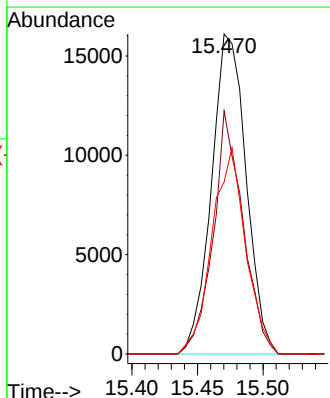
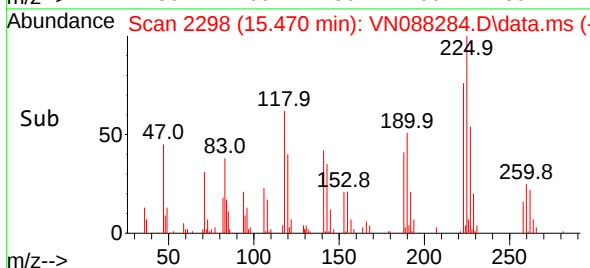
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

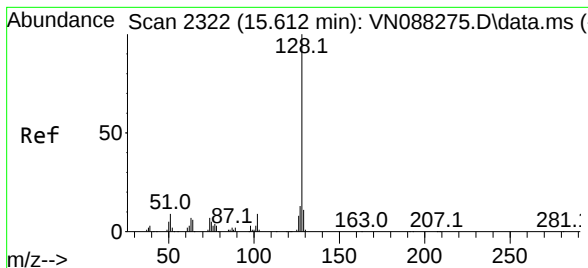


#90
Hexachlorobutadiene
Concen: 20.364 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



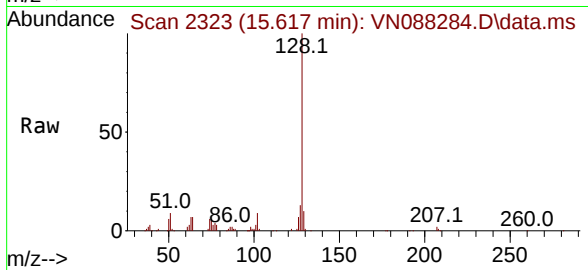
Tgt Ion:225 Resp: 29560
Ion Ratio Lower Upper
225 100
223 65.4 0.0 132.0
227 62.5 0.0 132.6





#91
Naphthalene
Concen: 19.115 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17

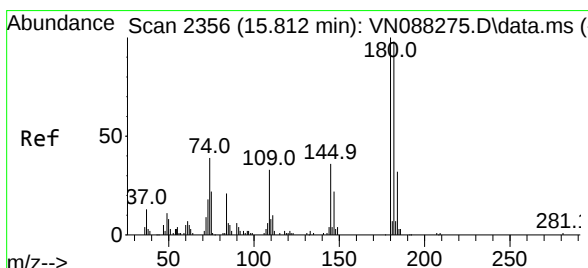
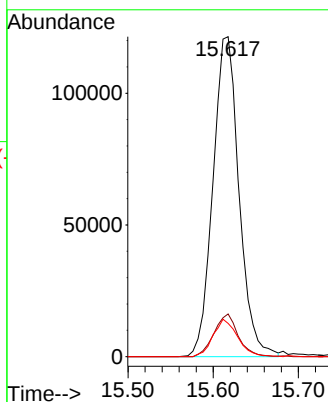
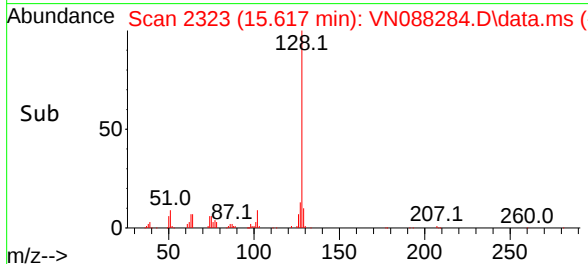
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBSD01



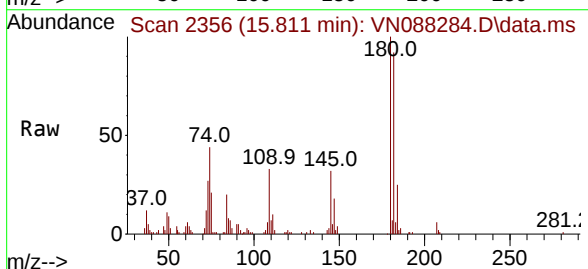
Tgt Ion:128 Resp: 258514
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.376 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088284.D
Acq: 14 Nov 2025 10:17



Tgt Ion:180 Resp: 72424
Ion Ratio Lower Upper
180 100
182 95.7 0.0 193.2
145 35.9 0.0 75.6

