

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088083.D
 Acq On : 23 Oct 2025 12:02
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 02:44:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 02:37:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	317042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	583838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	513566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	251277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	829477	151.300	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 302.600%#			
35) Dibromofluoromethane	8.147	113	612902	156.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 312.520%#			
50) Toluene-d8	10.547	98	2423445	160.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 320.700%#			
62) 4-Bromofluorobenzene	12.823	95	855591	160.301	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 320.600%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	559446	156.435	ug/l	100
3) Chloromethane	2.383	50	636497	151.285	ug/l	100
4) Vinyl Chloride	2.536	62	709780	154.833	ug/l	98
5) Bromomethane	2.942	94	399041	145.533	ug/l	99
6) Chloroethane	3.118	64	483772	146.472	ug/l	100
7) Trichlorofluoromethane	3.506	101	1113526	152.297	ug/l	97
8) Diethyl Ether	3.959	74	418383	153.964	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	620616	164.495	ug/l	99
10) Methyl Iodide	4.577	142	579553	146.858	ug/l	98
11) Tert butyl alcohol	5.536	59	687112	727.499	ug/l	98
12) 1,1-Dichloroethene	4.336	96	605802	152.025	ug/l	99
13) Acrolein	4.171	56	868773	817.761	ug/l	99
14) Allyl chloride	5.006	41	1039367	149.252	ug/l	97
15) Acrylonitrile	5.706	53	1962438	762.784	ug/l	99
16) Acetone	4.418	43	2050839	744.611	ug/l	97
17) Carbon Disulfide	4.700	76	1802128	148.772	ug/l	99
18) Methyl Acetate	5.012	43	837402	148.512	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	2227290	152.197	ug/l	98
20) Methylene Chloride	5.259	84	650781	150.235	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	645153	146.416	ug/l	98
22) Diisopropyl ether	6.659	45	2329739	158.605	ug/l	99
23) Vinyl Acetate	6.589	43	10671220	806.501	ug/l	100
24) 1,1-Dichloroethane	6.553	63	1247462	153.312	ug/l	98
25) 2-Butanone	7.471	43	2779236	773.659	ug/l	99
26) 2,2-Dichloropropane	7.471	77	1131888	153.076	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	760672	151.064	ug/l	99
28) Bromochloromethane	7.794	49	596061	155.037	ug/l	97
29) Tetrahydrofuran	7.824	42	1817452	768.325	ug/l	100
30) Chloroform	7.947	83	1253456	154.201	ug/l	99
31) Cyclohexane	8.236	56	1181969	154.021	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	1103627	152.438	ug/l	96
36) 1,1-Dichloropropene	8.353	75	919113	160.490	ug/l	99
37) Ethyl Acetate	7.547	43	1144197	155.473	ug/l	98
38) Carbon Tetrachloride	8.341	117	956561	161.719	ug/l	96
39) Methylcyclohexane	9.577	83	1221844	165.983	ug/l	98
40) Benzene	8.588	78	2742115	157.221	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	598399	153.840	ug/l	98
42) 1,2-Dichloroethane	8.653	62	970030	156.530	ug/l	100
43) Isopropyl Acetate	8.671	43	1833475	161.449	ug/l	98
44) Trichloroethene	9.335	130	646011	158.466	ug/l	95
45) 1,2-Dichloropropane	9.600	63	685501	155.683	ug/l	100
46) Dibromomethane	9.688	93	492395	156.795	ug/l	98
47) Bromodichloromethane	9.871	83	1002977	159.522	ug/l	98
48) Methyl methacrylate	9.659	41	858241	159.103	ug/l	96
49) 1,4-Dioxane	9.682	88	216888	3326.006	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	5433828	808.811	ug/l	99
52) Toluene	10.606	92	1731531	161.024	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	1142477	170.728	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	1176069	165.622	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	621088	152.240	ug/l	97
56) Ethyl methacrylate	10.853	69	1139330	176.733	ug/l	97
57) 1,3-Dichloropropane	11.141	76	1133717	158.102	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	3047762	907.564	ug/l	100
59) 2-Hexanone	11.177	43	3910437	886.644	ug/l	99
60) Dibromochloromethane	11.341	129	763098	164.568	ug/l	99
61) 1,2-Dibromoethane	11.447	107	679250	161.779	ug/l	99
64) Tetrachloroethene	11.082	164	530165	156.503	ug/l	94
65) Chlorobenzene	11.871	112	1860929	159.579	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	611842	160.145	ug/l	99
67) Ethyl Benzene	11.941	91	3353341	163.821	ug/l	100
68) m/p-Xylenes	12.047	106	2548912	332.341	ug/l	96
69) o-Xylene	12.376	106	1207897	166.137	ug/l	98
70) Styrene	12.388	104	2041763	172.216	ug/l	100
71) Bromoform	12.559	173	493476	173.079	ug/l #	98
73) Isopropylbenzene	12.671	105	3220528	166.175	ug/l	99
74) N-amyl acetate	12.482	43	1157298	151.264	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.918	83	957146	158.633	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	880864m	163.762	ug/l	
77) Bromobenzene	12.959	156	680258	162.773	ug/l	100
78) n-propylbenzene	13.012	91	3932907	166.291	ug/l	98
79) 2-Chlorotoluene	13.100	91	2271825	168.438	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	2676801	166.308	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	383072	185.532	ug/l #	79
82) 4-Chlorotoluene	13.200	91	2338686	160.269	ug/l	98
83) tert-Butylbenzene	13.418	119	2359884	164.130	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	2631783	163.426	ug/l	98
85) sec-Butylbenzene	13.594	105	3479715	164.725	ug/l	100
86) p-Isopropyltoluene	13.706	119	2852012	168.299	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	1336615	160.211	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	1384247	154.079	ug/l	100
89) n-Butylbenzene	14.029	91	2811417	167.487	ug/l	98
90) Hexachloroethane	14.306	117	554569	168.991	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	1314340	163.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	229843	163.663	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	833168	171.067	ug/l	99
94) Hexachlorobutadiene	15.476	225	297412	163.980	ug/l	99
95) Naphthalene	15.612	128	3005848	180.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	800234	171.359	ug/l	99

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QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

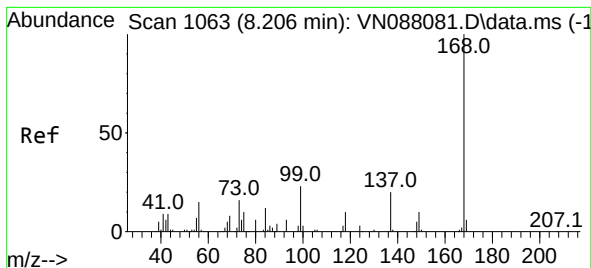
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

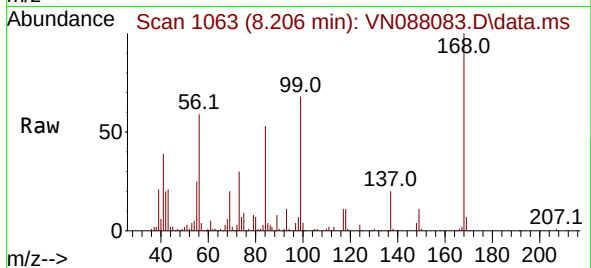
Reviewed By :John Carlone 10/24/2025
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088083.D
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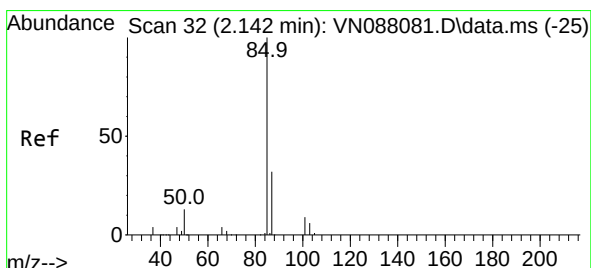
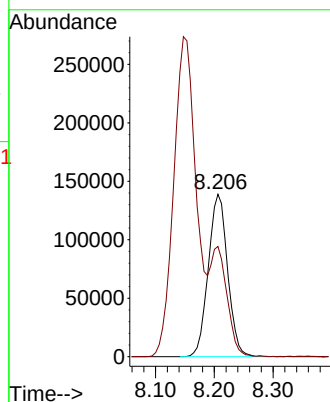
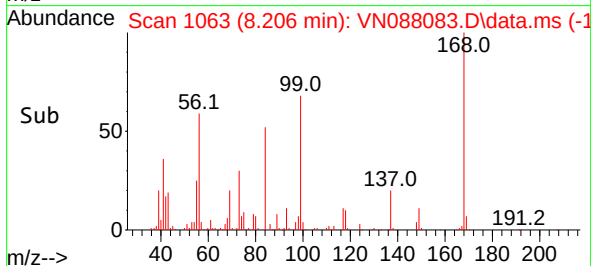
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 31704
Ion Ratio Lower Upper
168 100
99 67.6 57.2 85.8

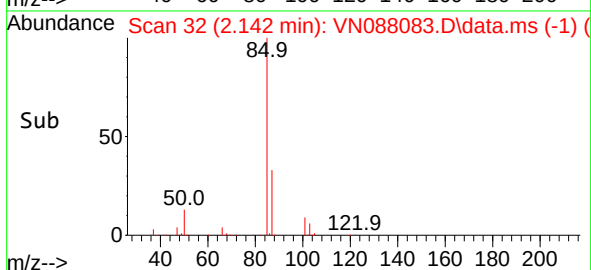
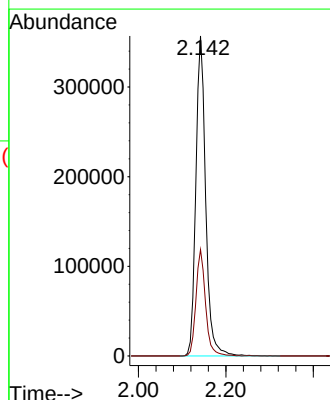
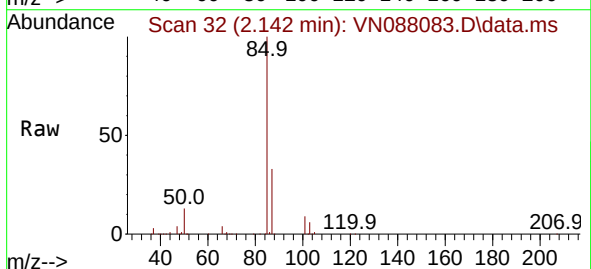
Manual Integrations
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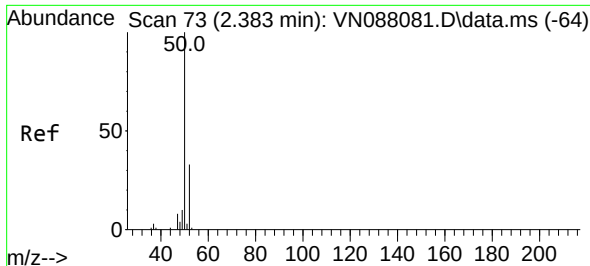
Reviewed By :John Carlone 10/24/2025
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#2
Dichlorodifluoromethane
Concen: 156.435 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

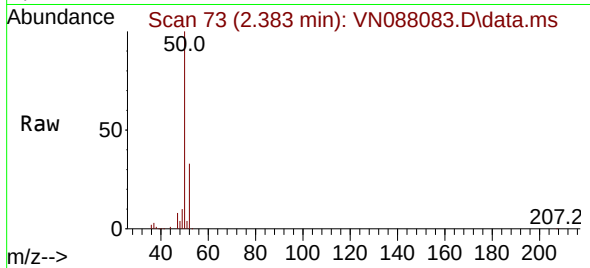
Tgt Ion: 85 Resp: 559446
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8





#3
Chloromethane
Concen: 151.285 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

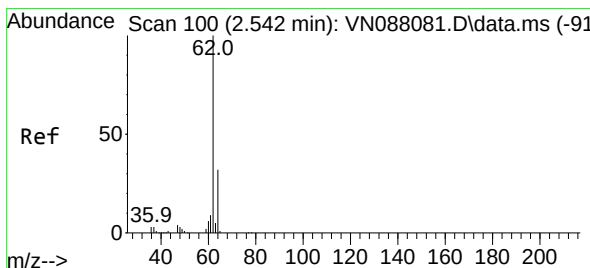
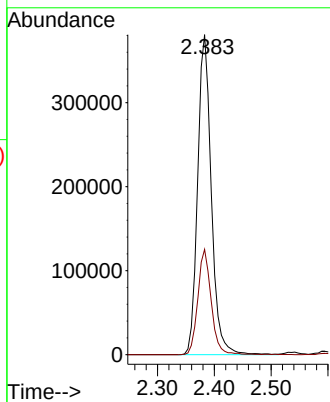
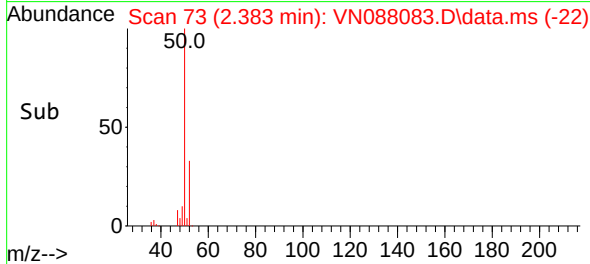
Instrument :
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Tgt Ion: 50 Resp: 63649
Ion Ratio Lower Upper
50 100
52 32.9 26.2 39.4

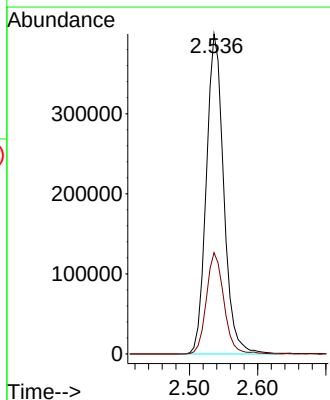
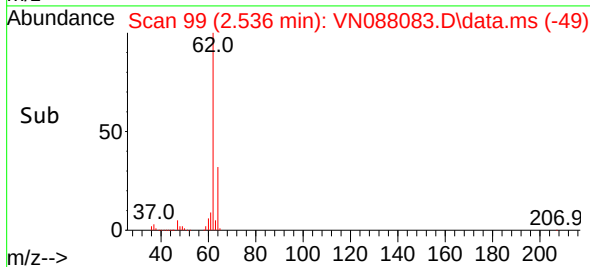
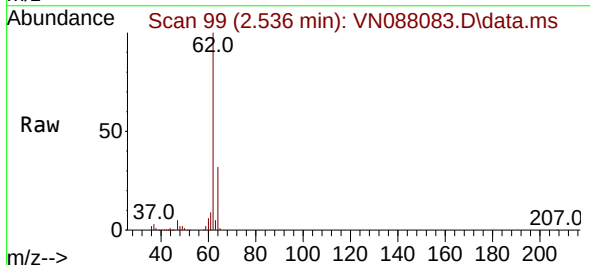
Manual Integrations
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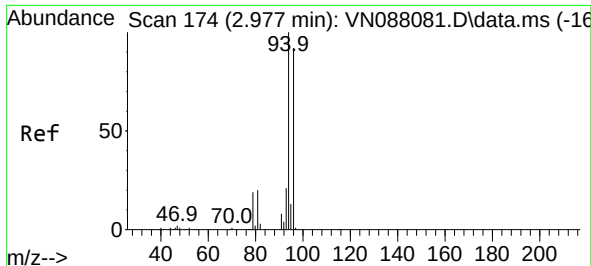
Reviewed By :John Carlone 10/24/2025
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#4
Vinyl Chloride
Concen: 154.833 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088083.D
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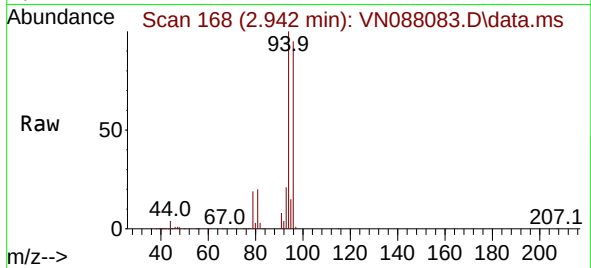
Tgt Ion: 62 Resp: 709780
Ion Ratio Lower Upper
62 100
64 31.7 24.6 37.0





#5
Bromomethane
Concen: 145.533 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

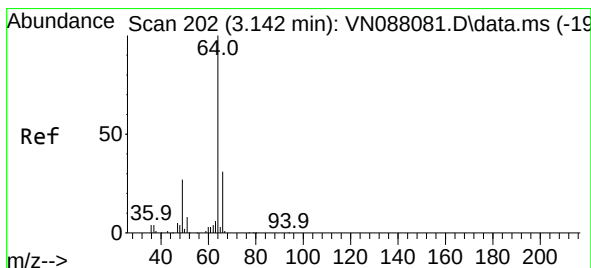
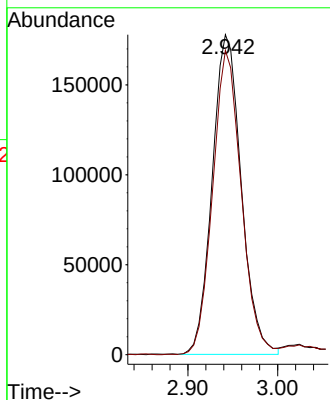
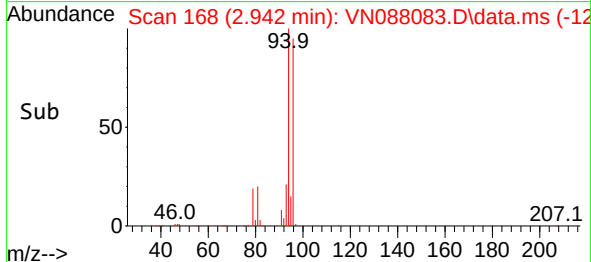
Instrument :
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Tgt Ion: 94 Resp: 39904
Ion Ratio Lower Upper
94 100
96 95.1 75.4 113.2

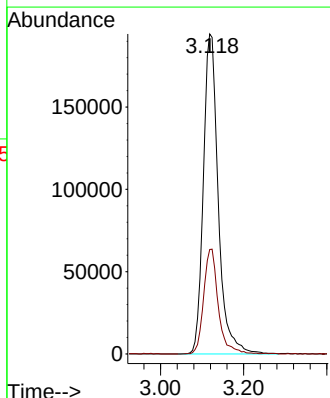
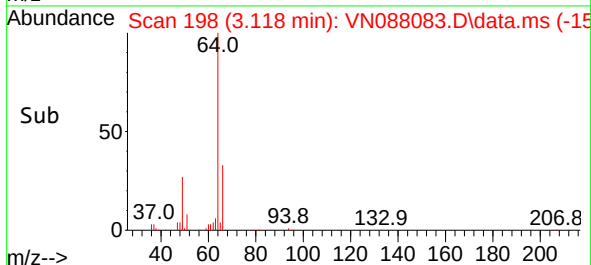
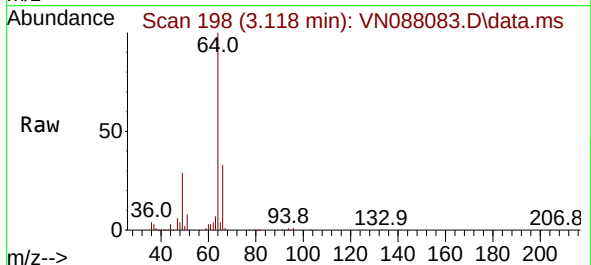
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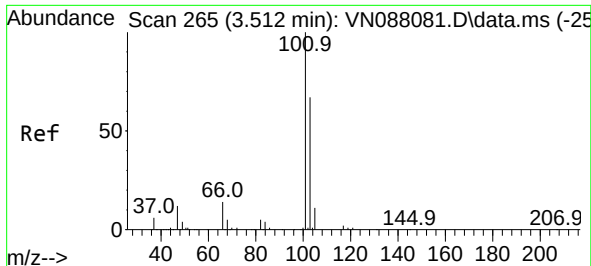
Reviewed By :John Carlone 10/24/2025
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#6
Chloroethane
Concen: 146.472 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.018 min
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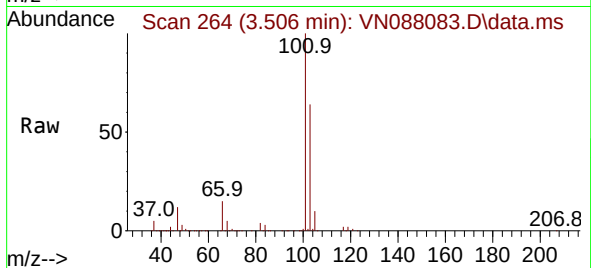
Tgt Ion: 64 Resp: 483772
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.2





#7
Trichlorofluoromethane
Concen: 152.297 ug/l
RT: 3.506 min Scan# 265
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

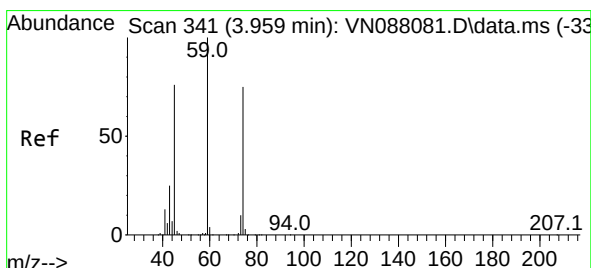
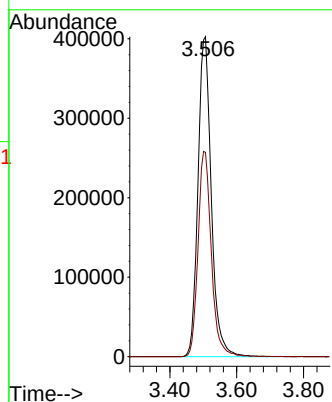
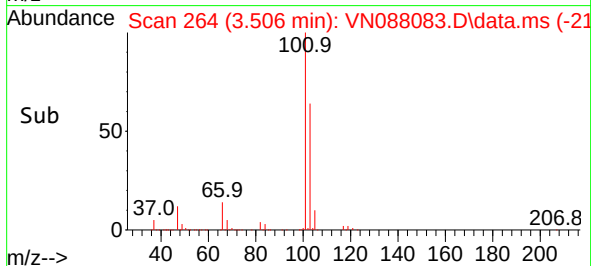
Instrument :
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Tgt Ion:101 Resp: 1113520
Ion Ratio Lower Upper
101 100
103 63.9 49.4 74.0

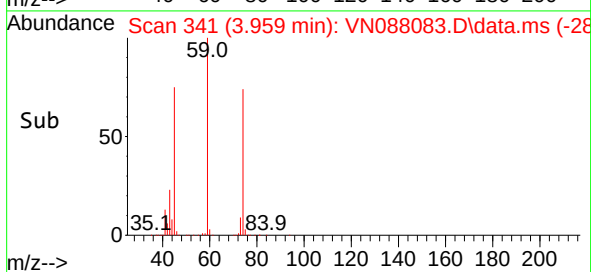
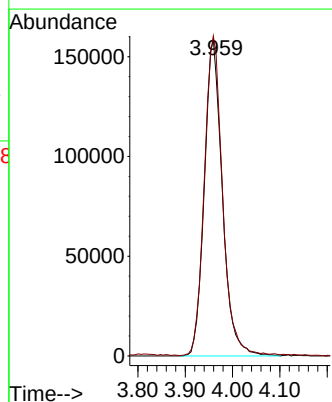
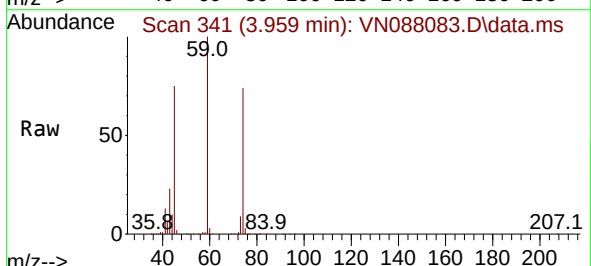
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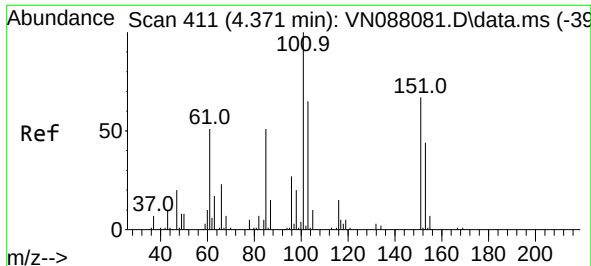
Reviewed By :John Carlone 10/24/2025
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#8
Diethyl Ether
Concen: 153.964 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088083.D
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Tgt Ion: 74 Resp: 418383
Ion Ratio Lower Upper
74 100
45 102.4 50.6 151.9





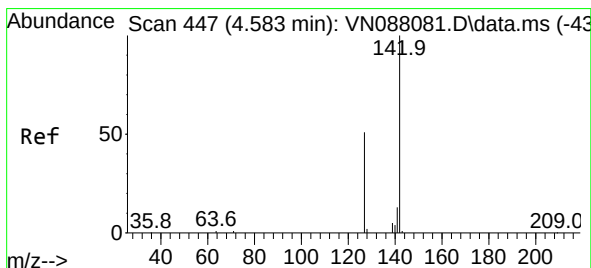
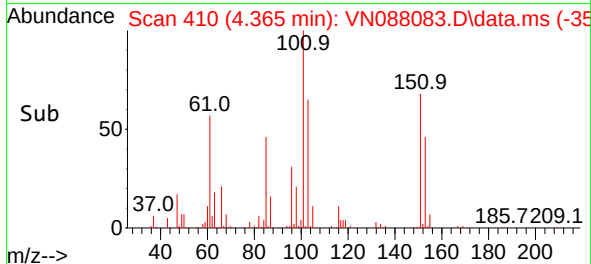
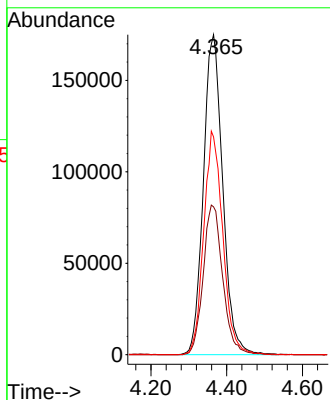
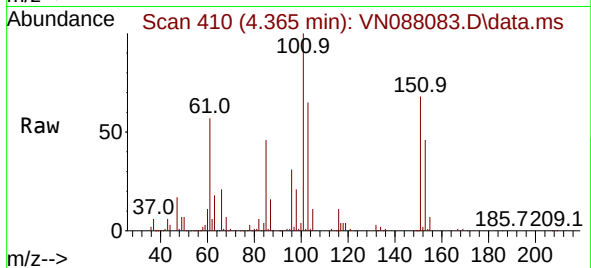
#9
1,1,2-Trichlorotrifluoroethane
Concen: 164.495 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 620610
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 68.7 54.7 82.1

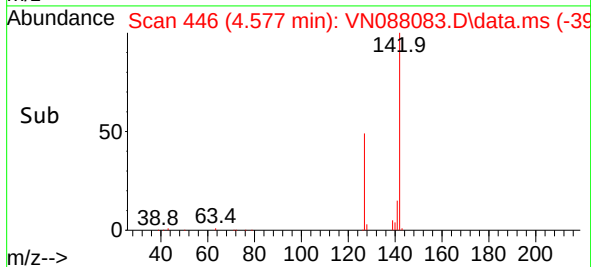
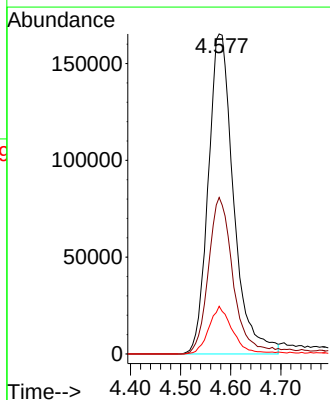
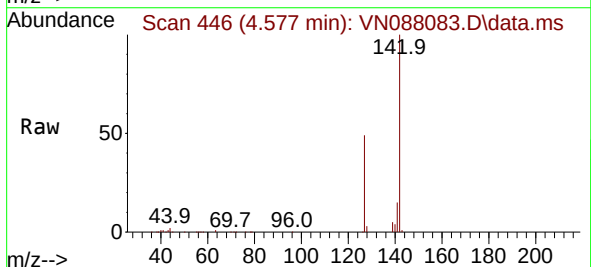
Manual Integrations
APPROVED

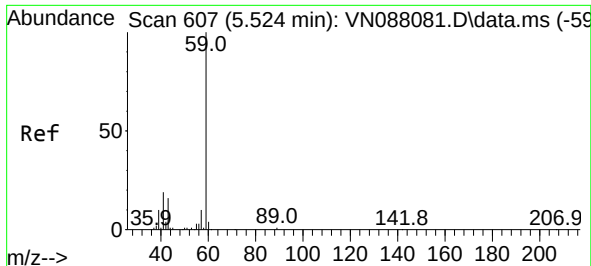
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 146.858 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

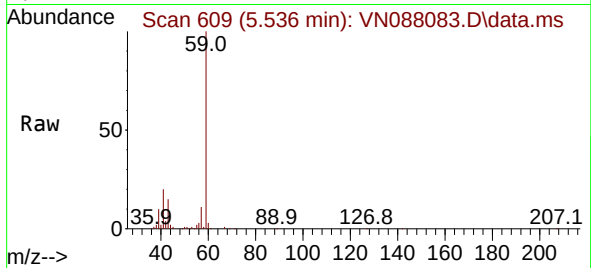
Tgt Ion:142 Resp: 579553
Ion Ratio Lower Upper
142 100
127 48.9 38.0 57.0
141 14.9 12.0 18.0





#11
Tert butyl alcohol
Concen: 727.499 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.018 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

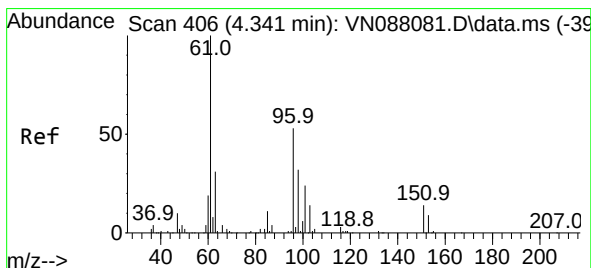
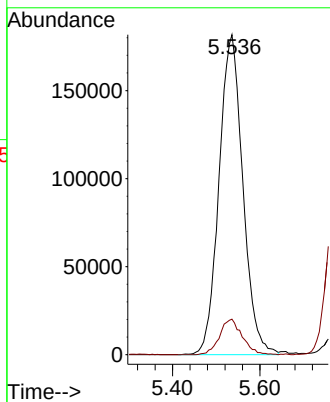
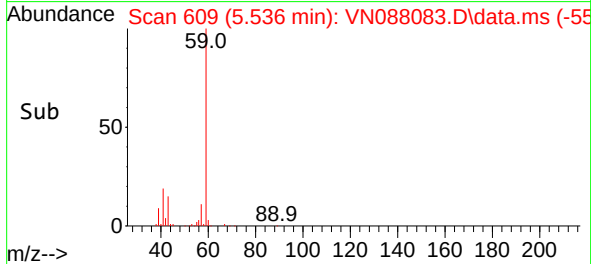
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 687112
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

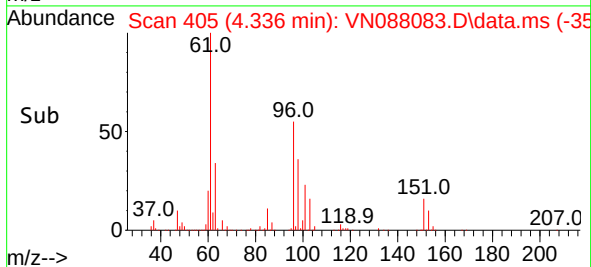
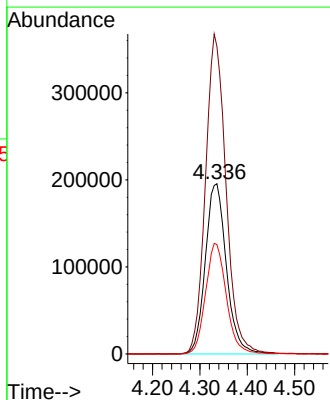
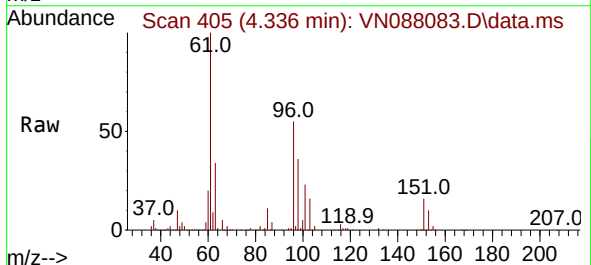
Manual Integrations
APPROVED

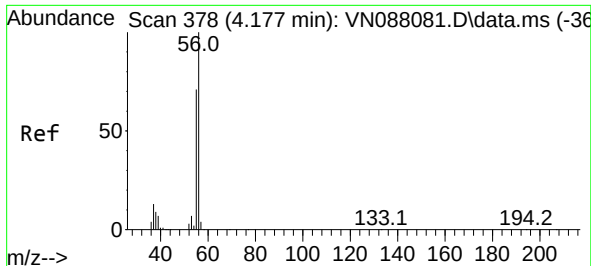
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#12
1,1-Dichloroethene
Concen: 152.025 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

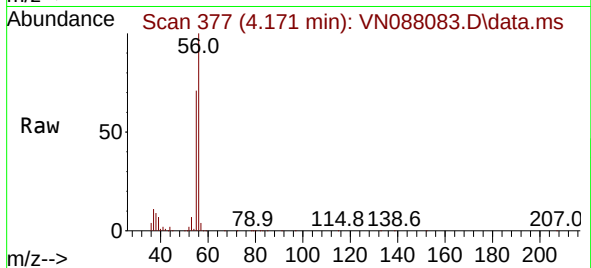
Tgt Ion: 96 Resp: 605802
Ion Ratio Lower Upper
96 100
61 180.7 143.8 215.8
98 64.3 52.1 78.1





#13
Acrolein
Concen: 817.761 ug/l
RT: 4.171 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

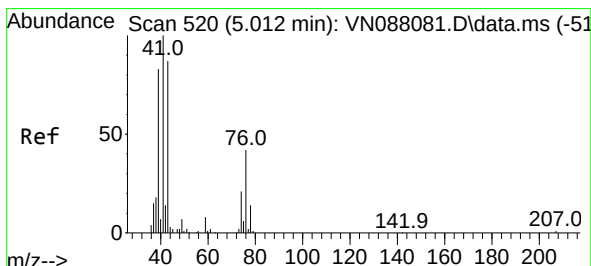
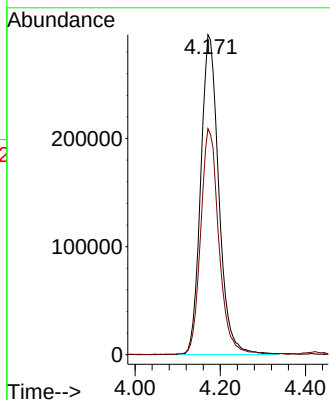
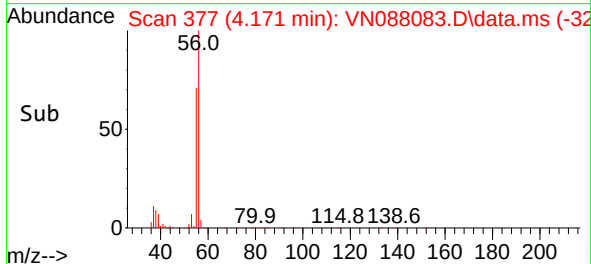
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 86877
Ion Ratio Lower Upper
56 100
55 71.0 57.3 85.9

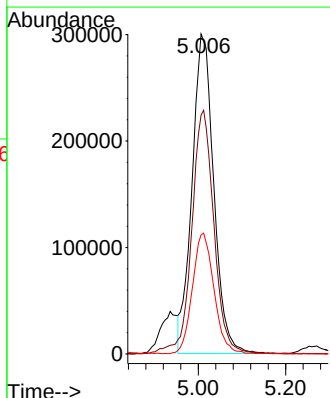
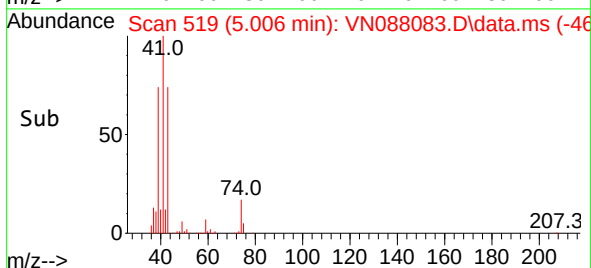
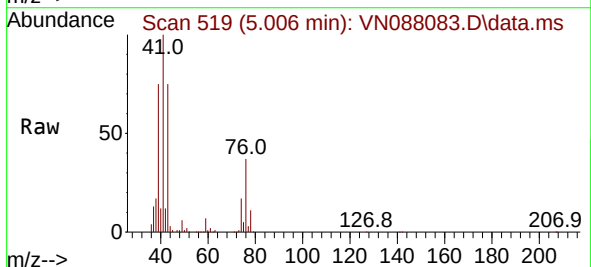
Manual Integrations
APPROVED

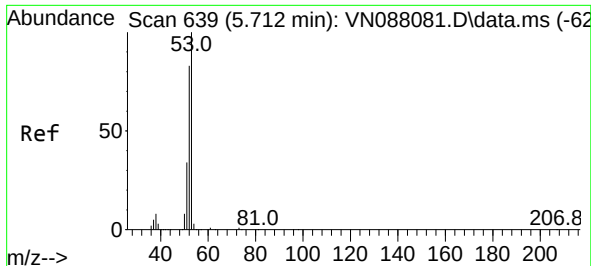
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 149.252 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

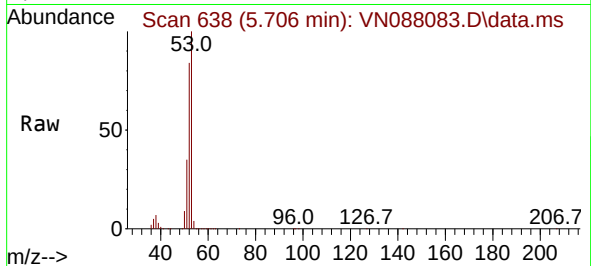
Tgt Ion: 41 Resp: 1039367
Ion Ratio Lower Upper
41 100
39 78.0 63.9 95.9
76 37.3 28.1 42.1





#15
Acrylonitrile
Concen: 762.784 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

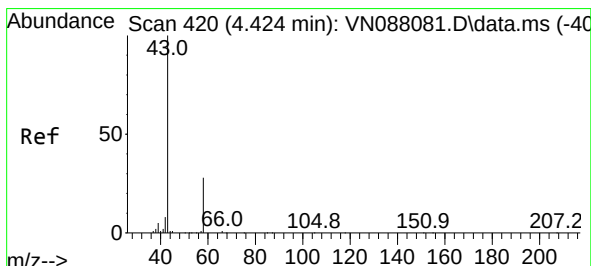
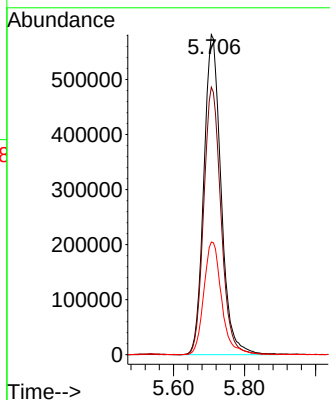
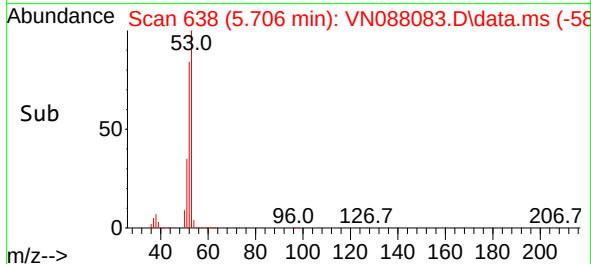
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 1962438
Ion Ratio Lower Upper
53 100
52 83.8 67.6 101.4
51 36.5 30.1 45.1

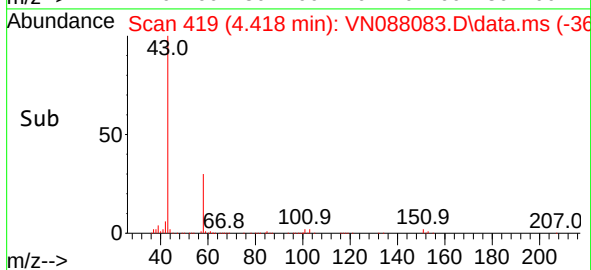
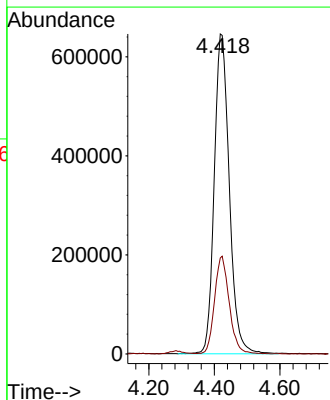
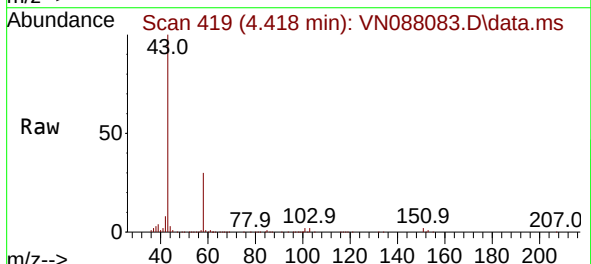
Manual Integrations
APPROVED

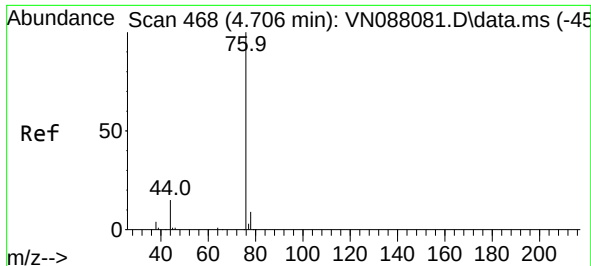
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 744.611 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

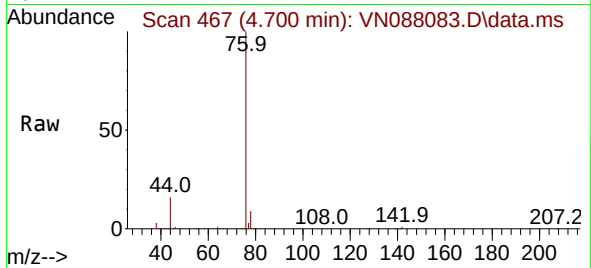
Tgt Ion: 43 Resp: 2050839
Ion Ratio Lower Upper
43 100
58 30.0 22.6 33.8





#17
Carbon Disulfide
Concen: 148.772 ug/l
RT: 4.700 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

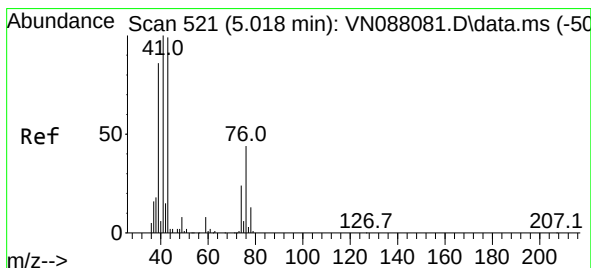
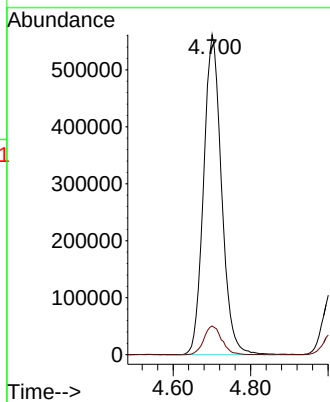
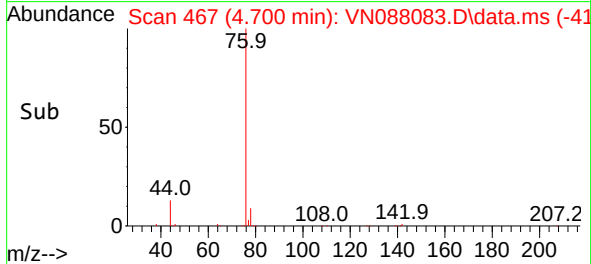
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 76 Resp: 1802128
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

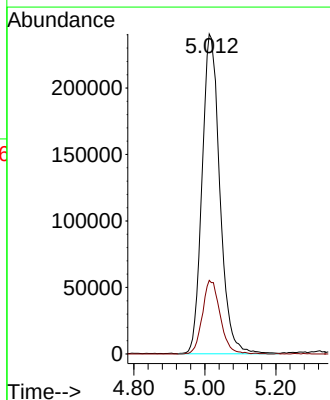
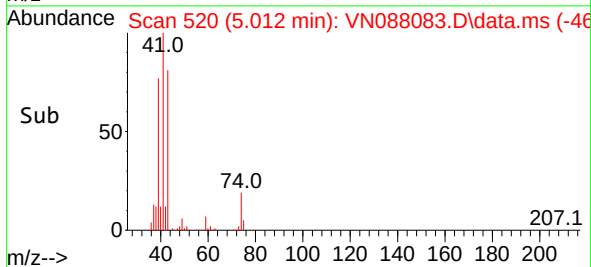
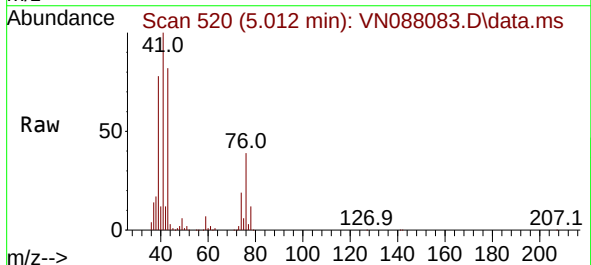
Manual Integrations
APPROVED

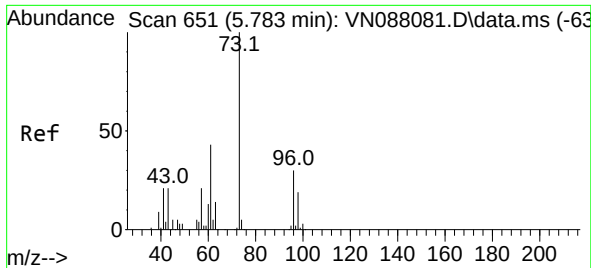
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 148.512 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

Tgt Ion: 43 Resp: 837402
Ion Ratio Lower Upper
43 100
74 23.0 17.6 26.4





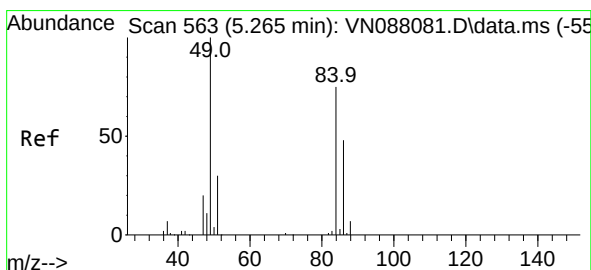
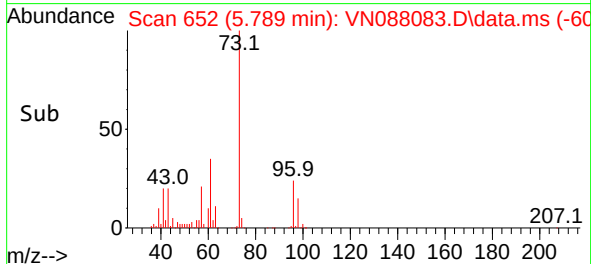
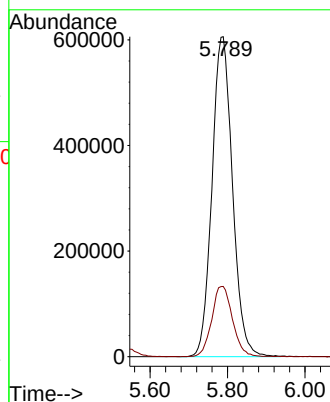
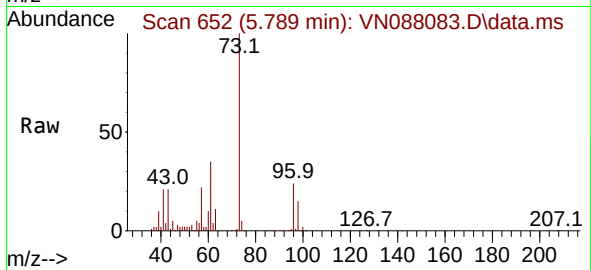
#19
Methyl tert-butyl Ether
Concen: 152.197 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 2227290
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6

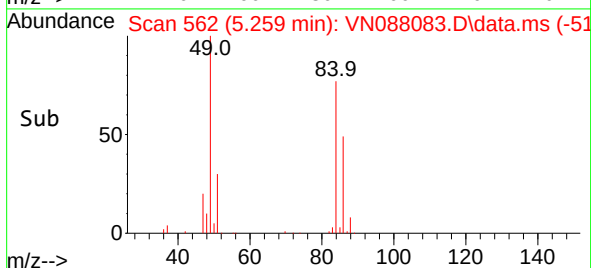
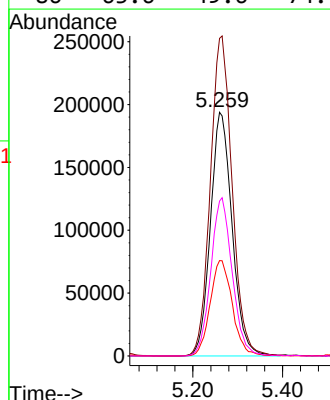
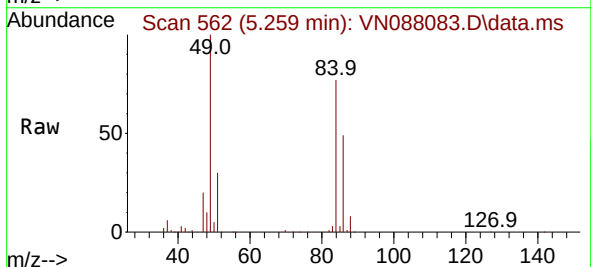
Manual Integrations
APPROVED

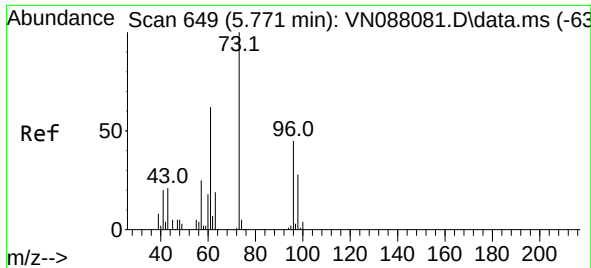
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 150.235 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

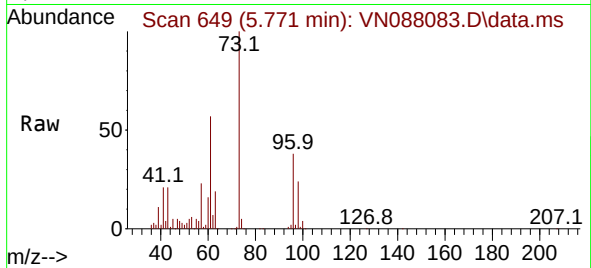
Tgt Ion: 84 Resp: 650781
Ion Ratio Lower Upper
84 100
49 130.3 103.4 155.2
51 39.1 33.8 50.8
86 63.6 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 146.416 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

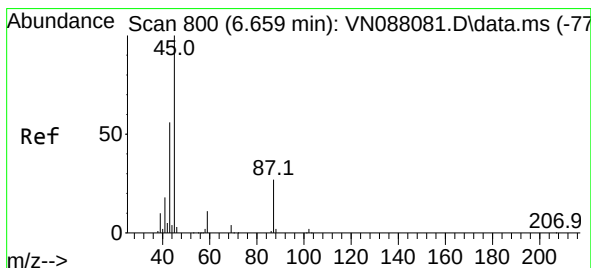
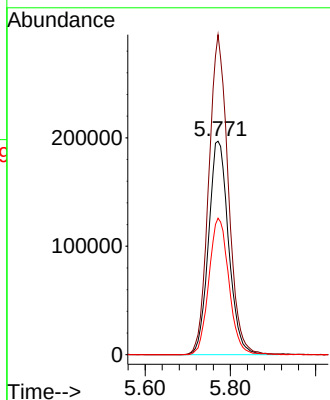
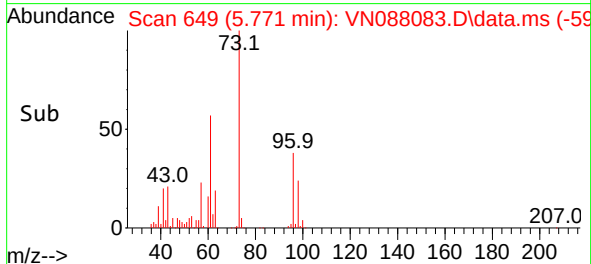
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



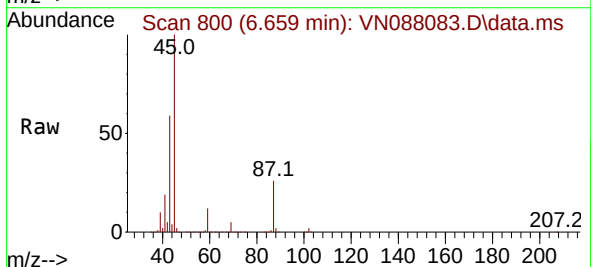
Tgt Ion: 96 Resp: 64515
Ion Ratio Lower Upper
96 100
61 149.9 118.0 177.0
98 63.9 50.0 75.0

Manual Integrations
APPROVED

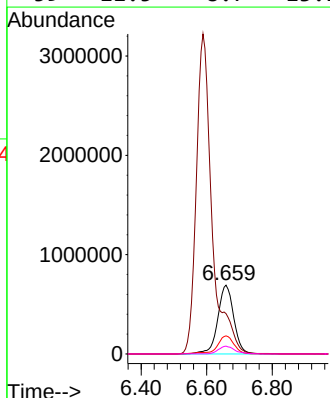
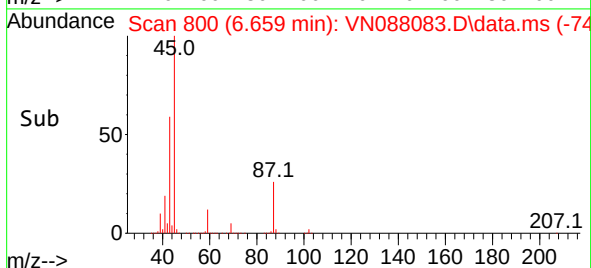
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

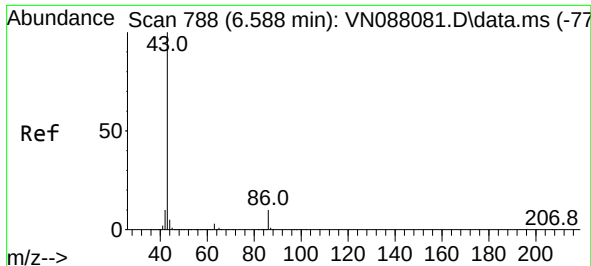


#22
Diisopropyl ether
Concen: 158.605 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



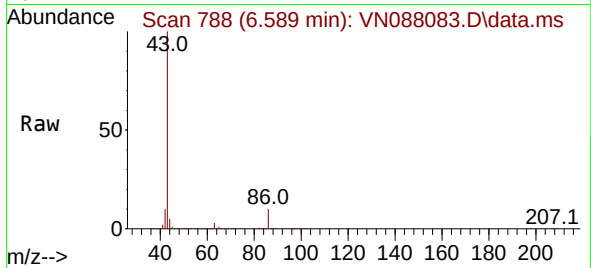
Tgt Ion: 45 Resp: 2329739
Ion Ratio Lower Upper
45 100
43 58.5 47.7 71.5
87 26.3 21.4 32.0
59 11.5 8.7 13.1





#23
 Vinyl Acetate
 Concen: 806.501 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088083.D
 Acq: 23 Oct 2025 12:02

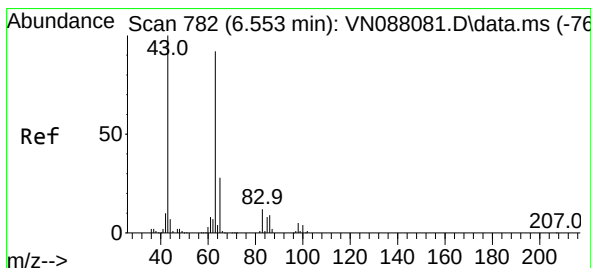
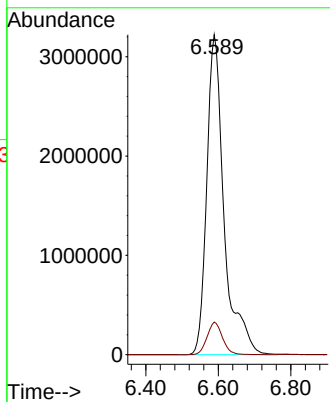
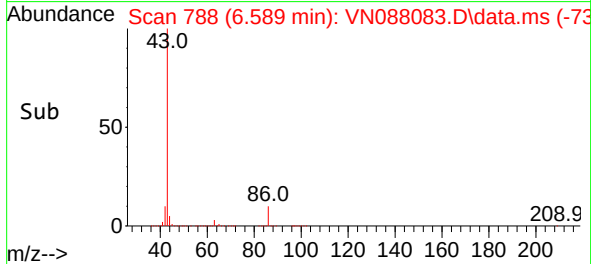
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



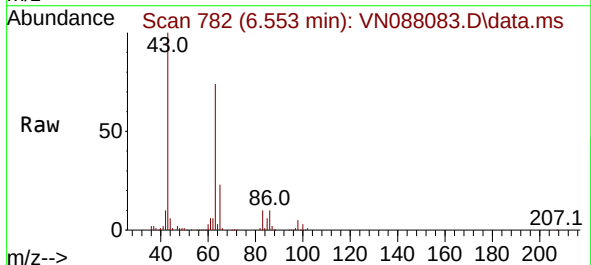
Tgt Ion: 43 Resp:10671220
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4

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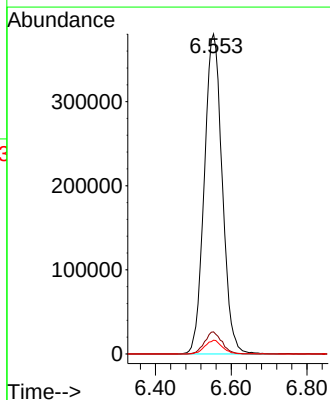
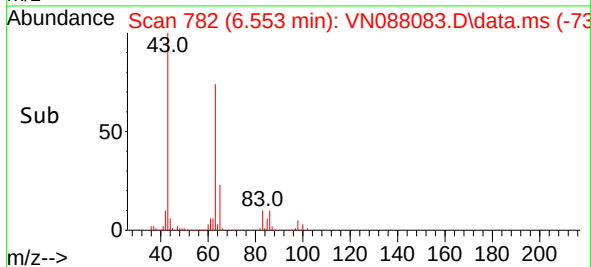
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

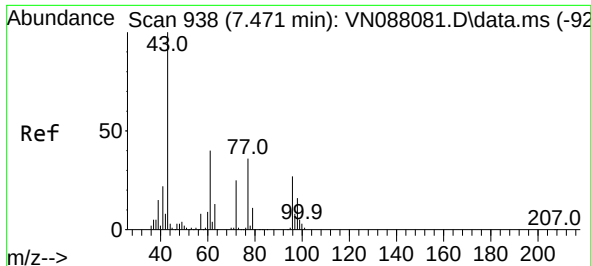


#24
 1,1-Dichloroethane
 Concen: 153.312 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088083.D
 Acq: 23 Oct 2025 12:02



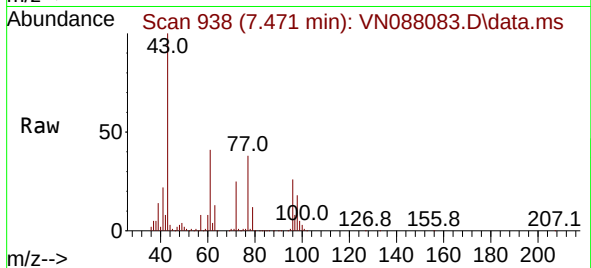
Tgt Ion: 63 Resp: 1247462
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.3 2.0 6.0





#25
2-Butanone
Concen: 773.659 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

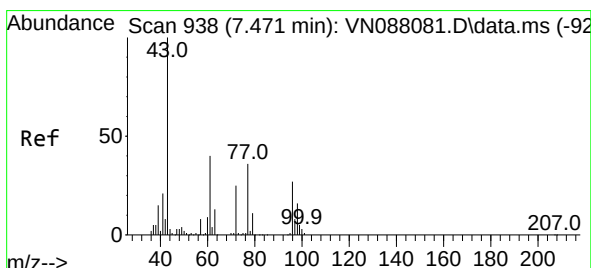
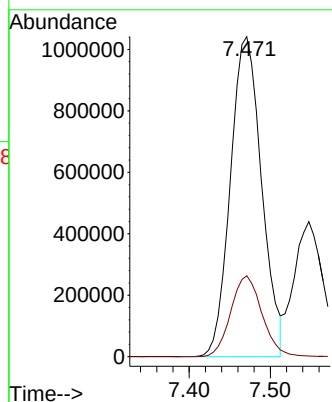
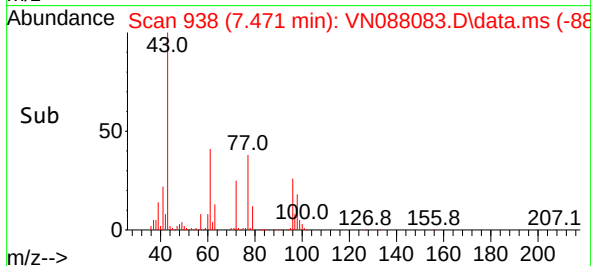
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



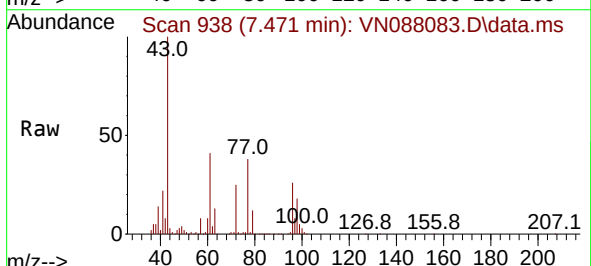
Tgt Ion: 43 Resp: 2779230
Ion Ratio Lower Upper
43 100
72 25.3 19.9 29.9

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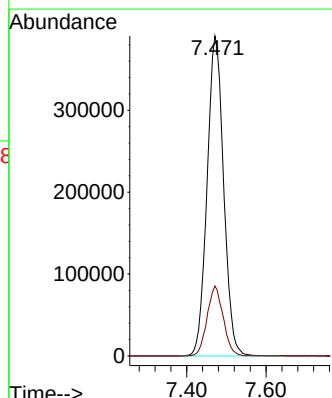
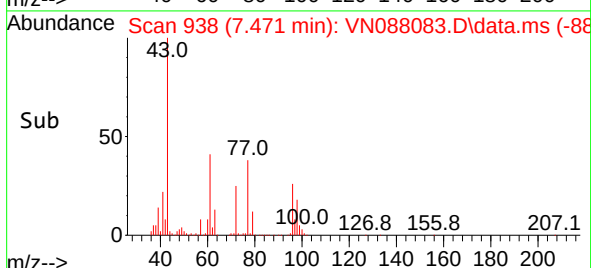
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

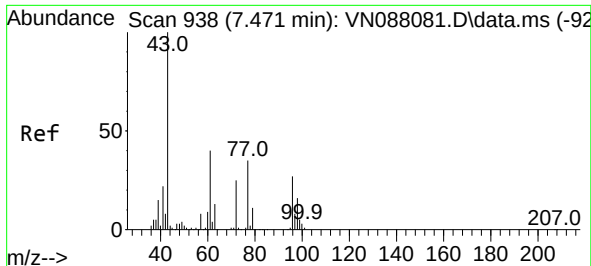


#26
2,2-Dichloropropane
Concen: 153.076 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



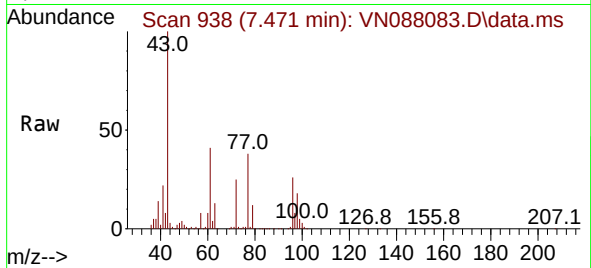
Tgt Ion: 77 Resp: 1131888
Ion Ratio Lower Upper
77 100
97 21.3 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 151.064 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088083.D
 Acq: 23 Oct 2025 12:02

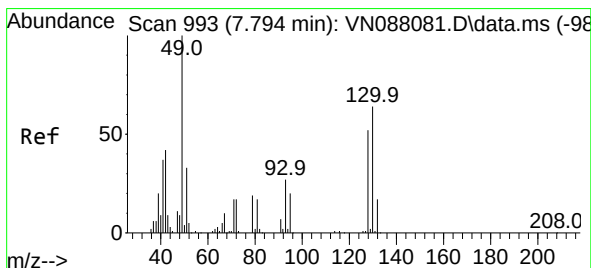
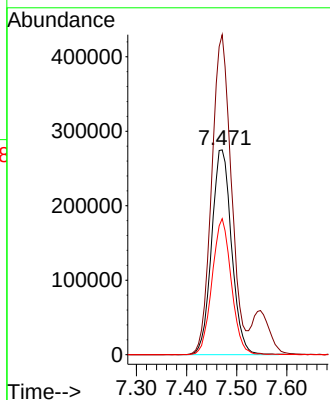
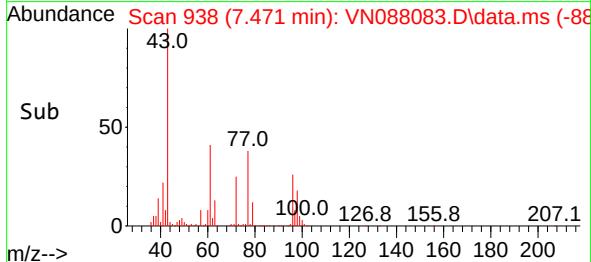
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 96 Resp: 760672
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 301.8
 98 64.0 0.0 126.2

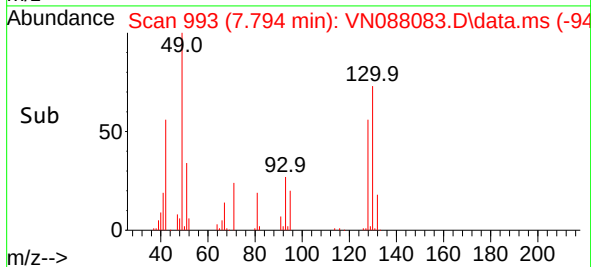
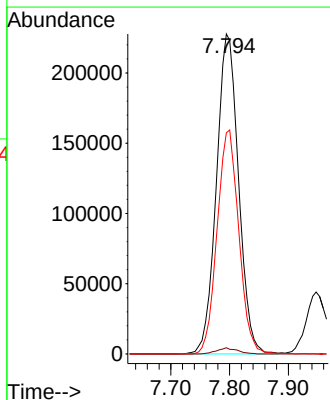
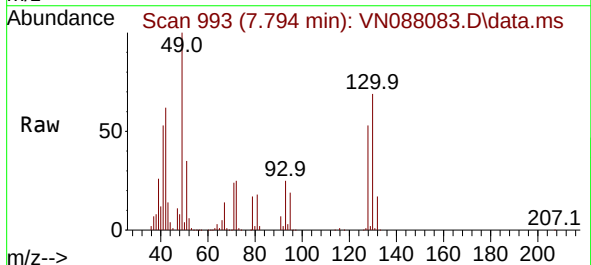
Manual Integrations
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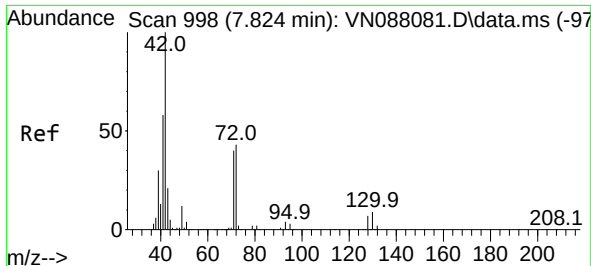
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#28
 Bromochloromethane
 Concen: 155.037 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088083.D
 Acq: 23 Oct 2025 12:02

Tgt Ion: 49 Resp: 596061
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 68.7 53.1 79.7





#29

Tetrahydrofuran

Concen: 768.325 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088083.D

Acq: 23 Oct 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 181745

Ion Ratio Lower Upper

42 100

72 42.0 33.7 50.5

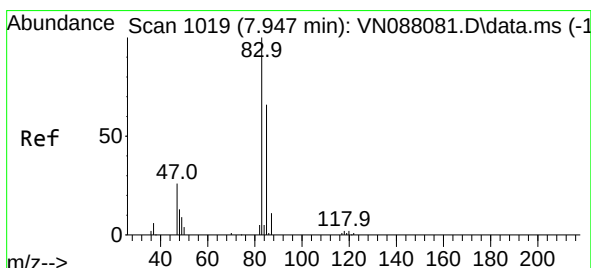
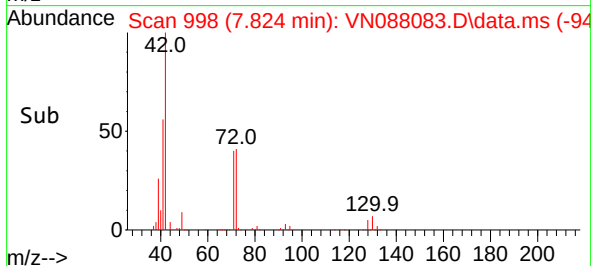
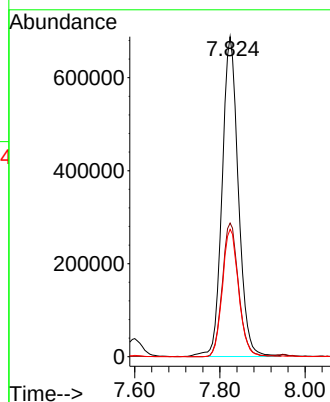
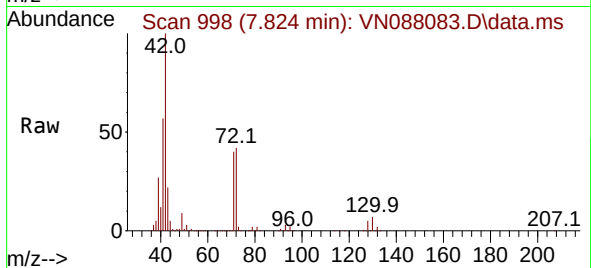
71 39.8 31.9 47.9

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 154.201 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088083.D

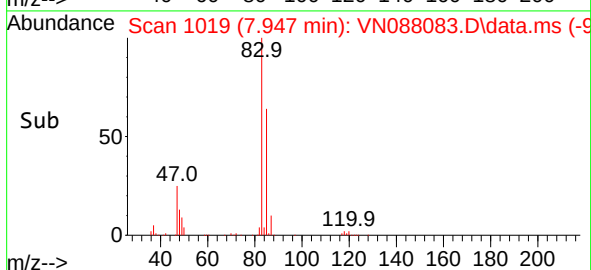
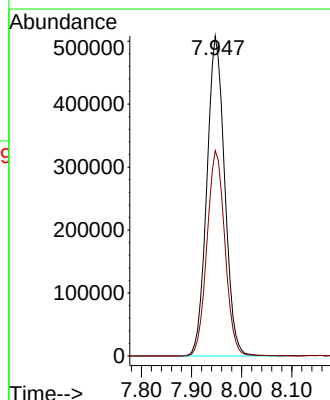
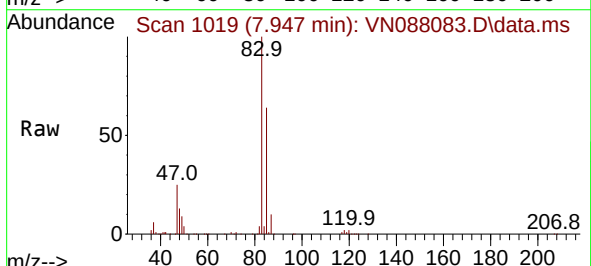
Acq: 23 Oct 2025 12:02

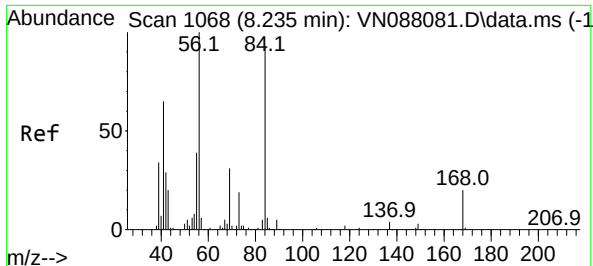
Tgt Ion: 83 Resp: 1253456

Ion Ratio Lower Upper

83 100

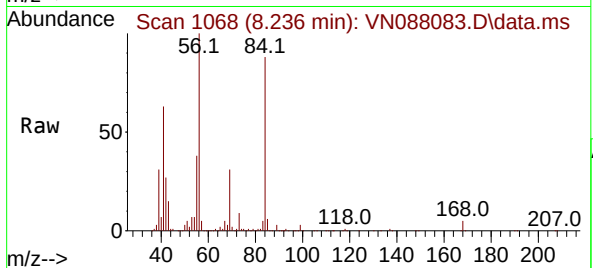
85 64.1 50.7 76.1





#31
Cyclohexane
Concen: 154.021 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

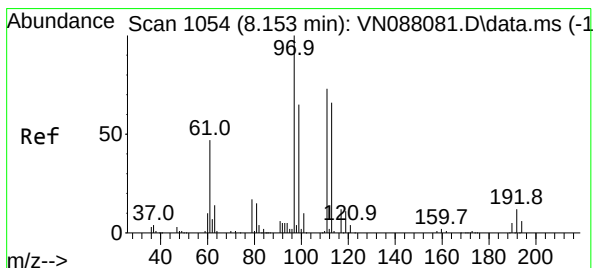
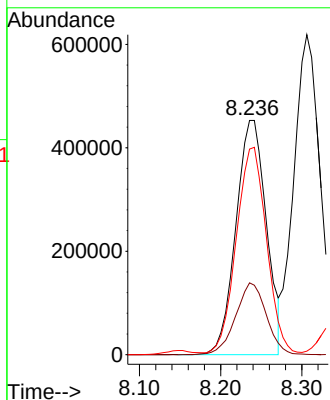
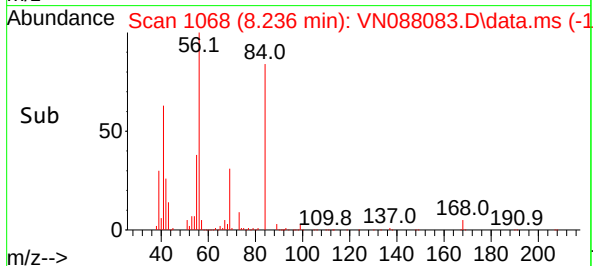
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 1181969
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 85.9 64.7 97.1

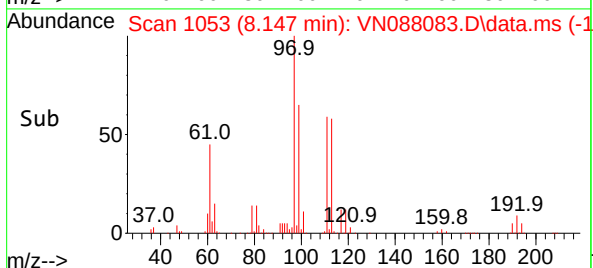
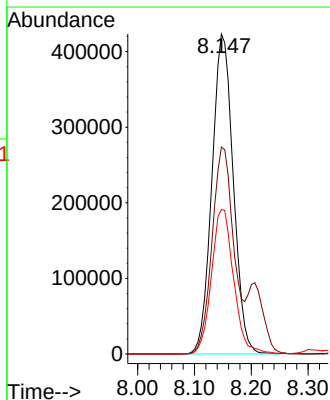
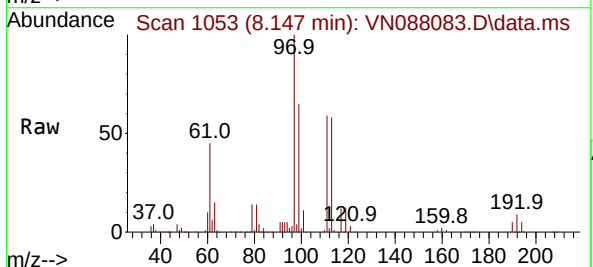
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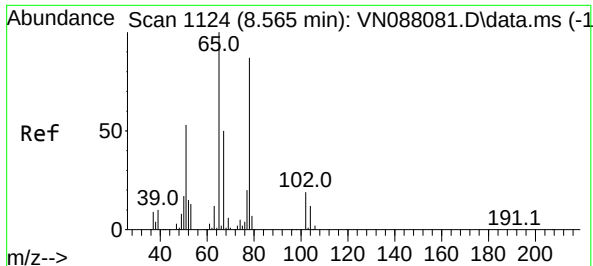
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 152.438 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

Tgt Ion: 97 Resp: 1103627
Ion Ratio Lower Upper
97 100
99 66.4 52.2 78.2
61 47.0 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 151.300 ug/l

RT: 8.559 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN088083.D

Acq: 23 Oct 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 82947

Ion Ratio Lower Upper

65 100

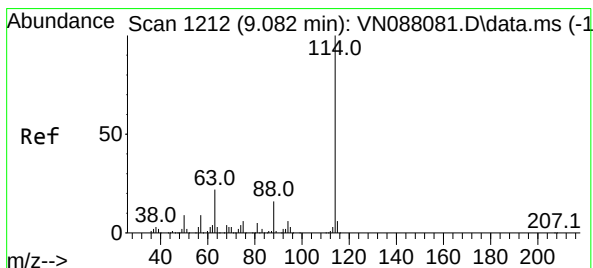
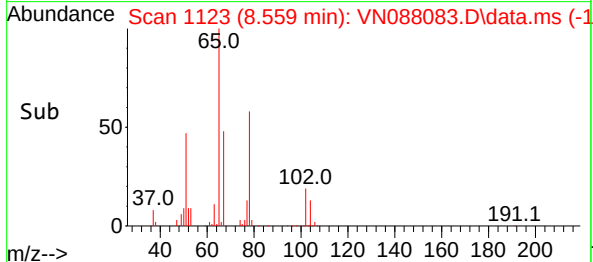
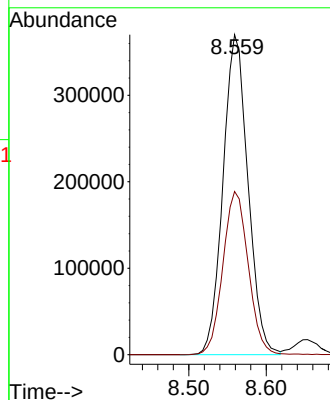
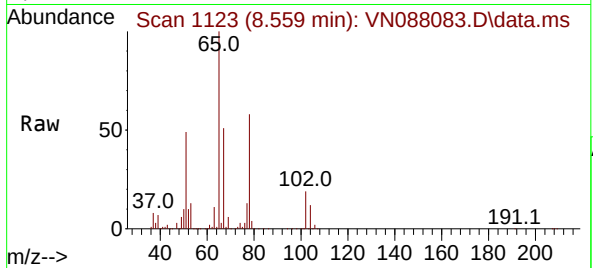
67 52.0 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088083.D

Acq: 23 Oct 2025 12:02

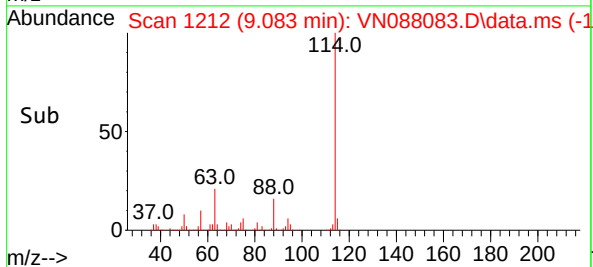
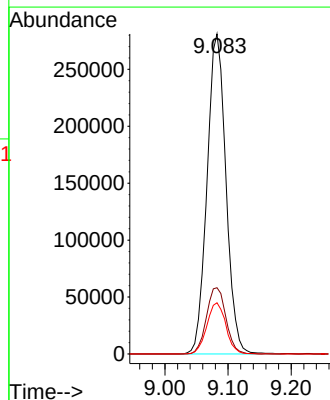
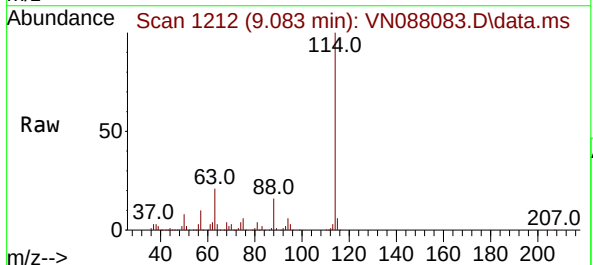
Tgt Ion:114 Resp: 583838

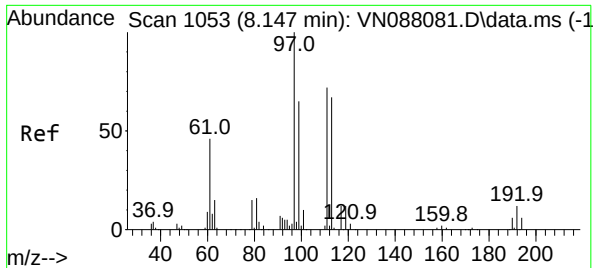
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.2

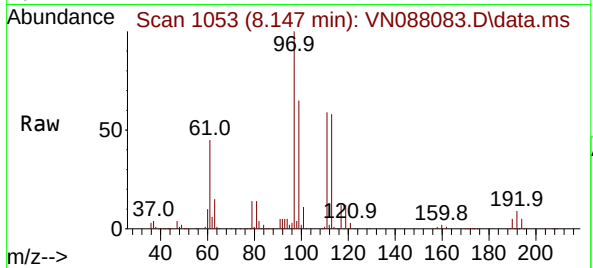
88 16.0 0.0 33.4





#35
Dibromofluoromethane
Concen: 156.263 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

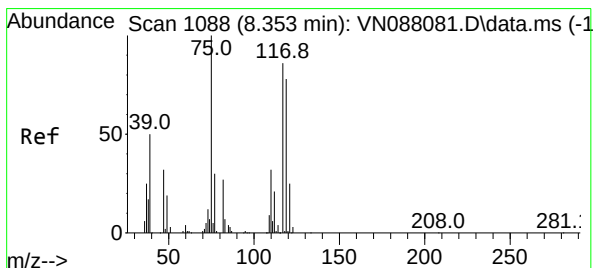
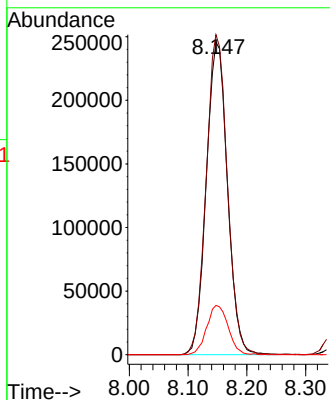
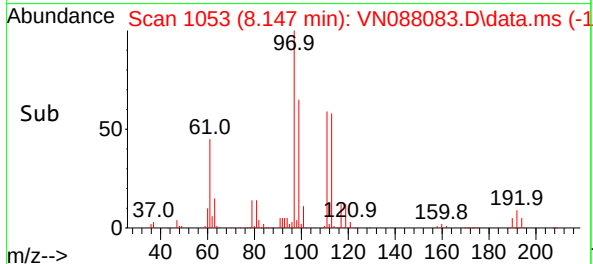
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



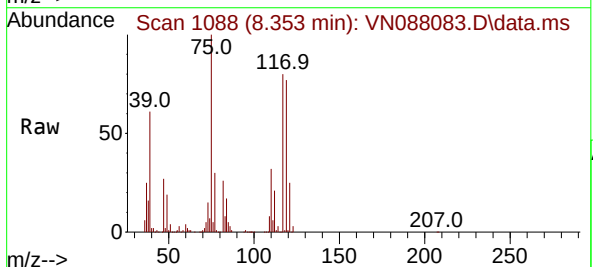
Tgt Ion: 113 Resp: 61290
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 16.0 12.8 19.2

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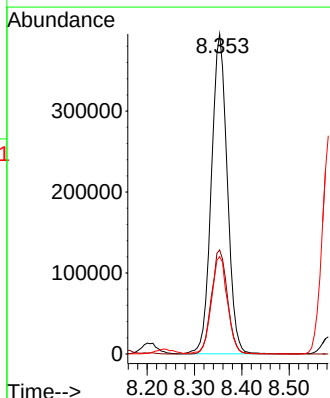
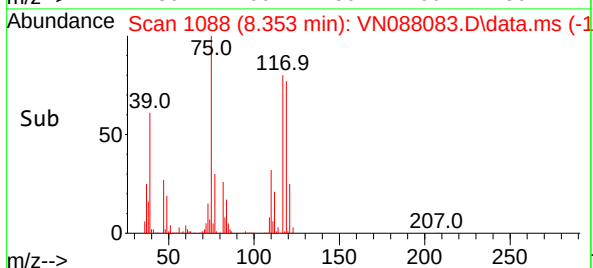
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

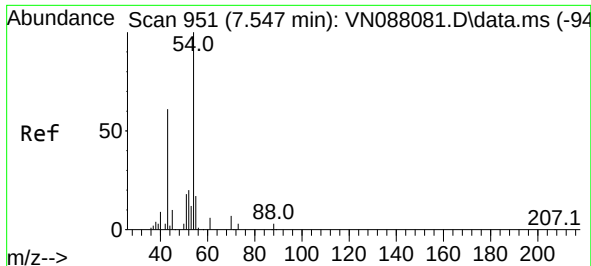


#36
1,1-Dichloropropene
Concen: 160.490 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



Tgt Ion: 75 Resp: 919113
Ion Ratio Lower Upper
75 100
110 32.8 15.9 47.6
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 155.473 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN088083.D

Acq: 23 Oct 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 114419

Ion Ratio Lower Upper

43 100

61 12.3 9.3 13.9

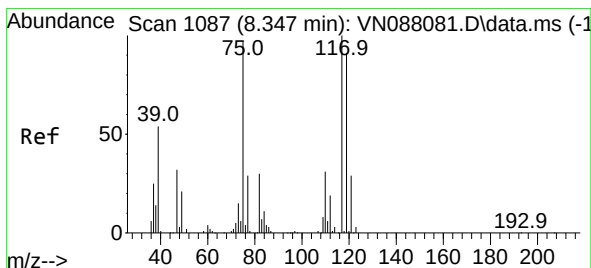
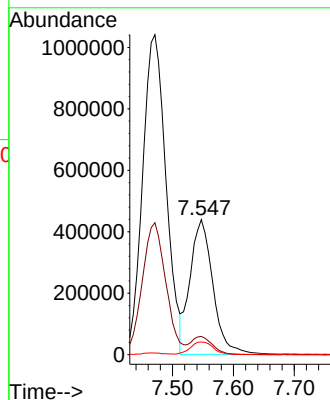
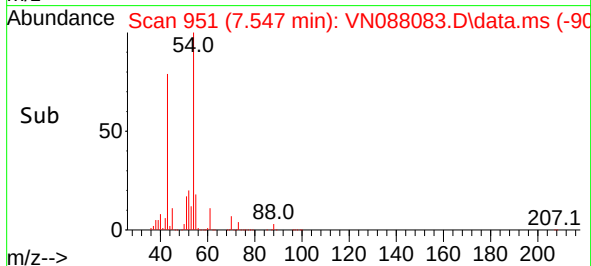
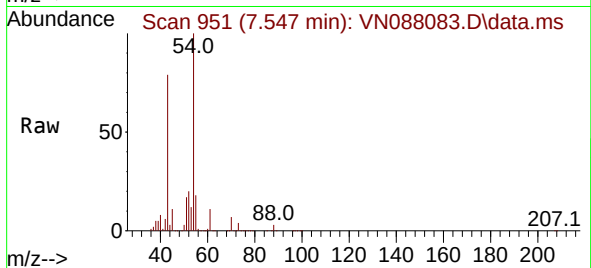
70 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#38

Carbon Tetrachloride

Concen: 161.719 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN088083.D

Acq: 23 Oct 2025 12:02

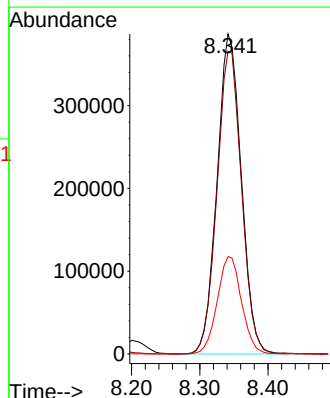
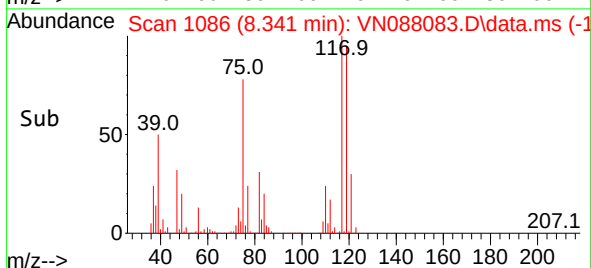
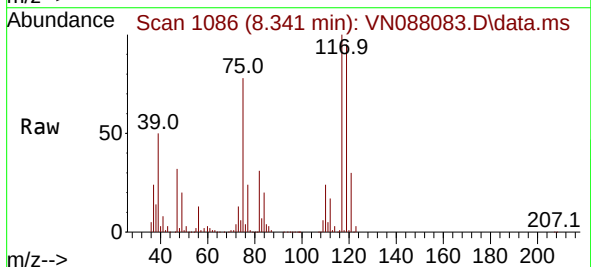
Tgt Ion:117 Resp: 956561

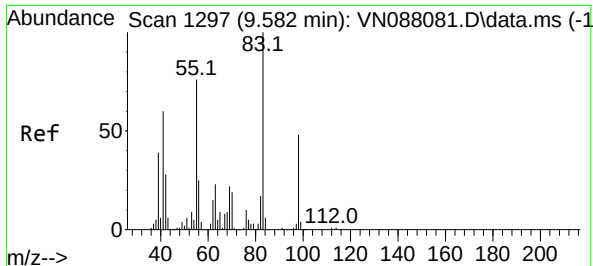
Ion Ratio Lower Upper

117 100

119 94.6 79.0 118.6

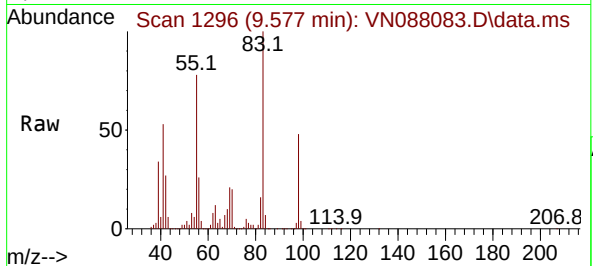
121 30.5 25.0 37.6





#39
Methylcyclohexane
Concen: 165.983 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

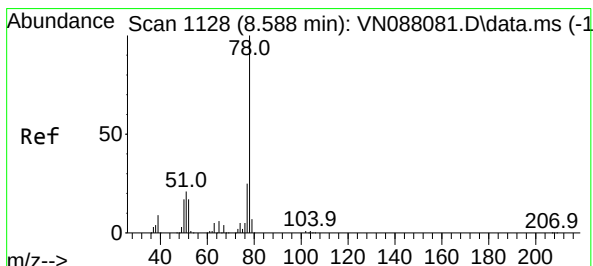
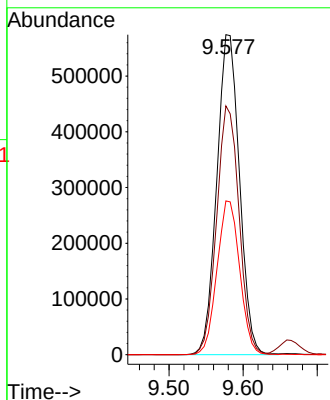
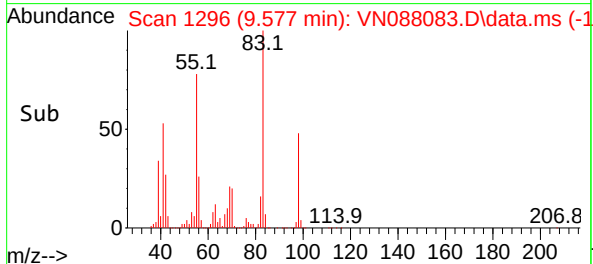
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 122184
Ion Ratio Lower Upper
83 100
55 77.7 64.6 96.8
98 48.1 38.4 57.6

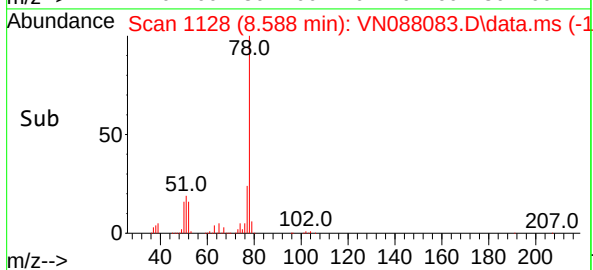
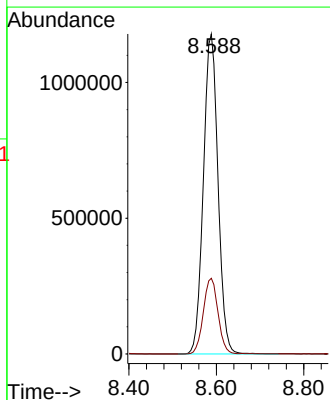
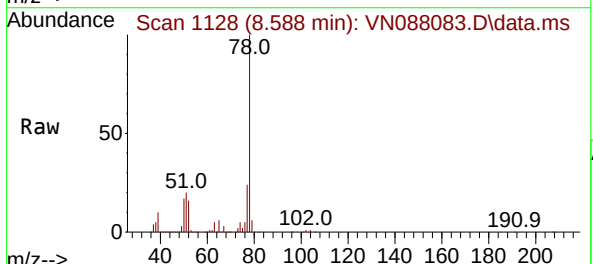
Manual Integrations
APPROVED

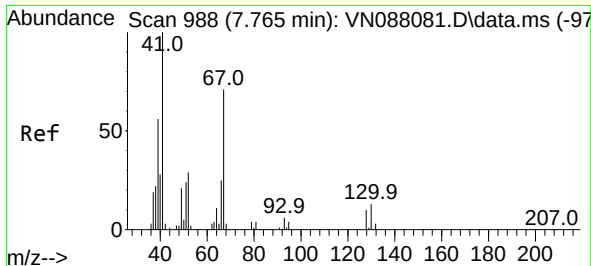
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#40
Benzene
Concen: 157.221 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

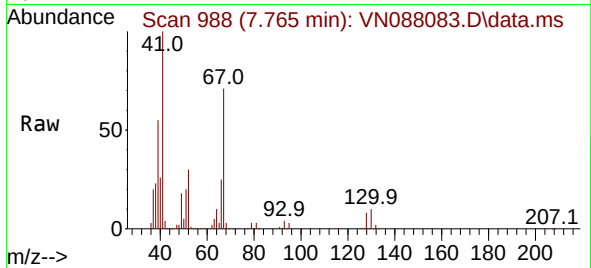
Tgt Ion: 78 Resp: 2742115
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5





#41
Methacrylonitrile
Concen: 153.840 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

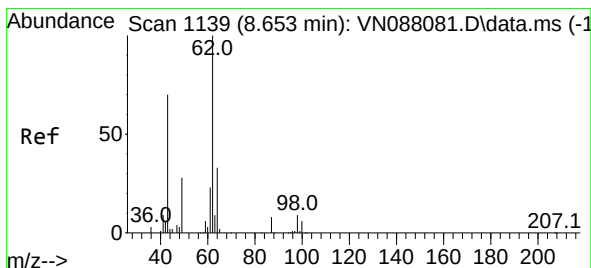
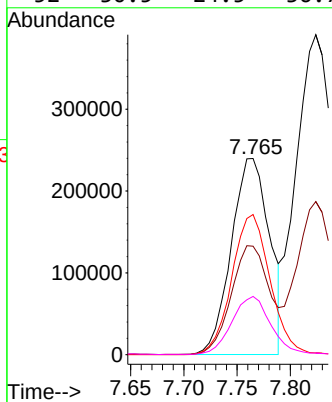
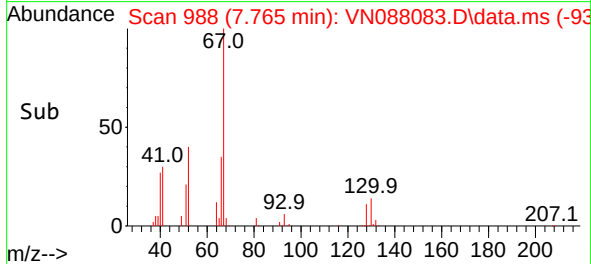
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 598399
Ion Ratio Lower Upper
41 100
39 55.1 45.4 68.0
67 71.7 55.3 82.9
52 30.5 24.5 36.7

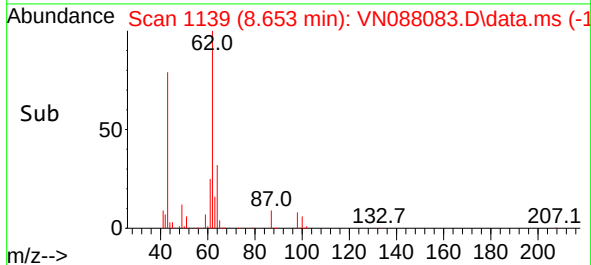
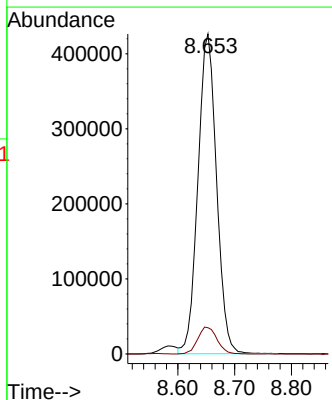
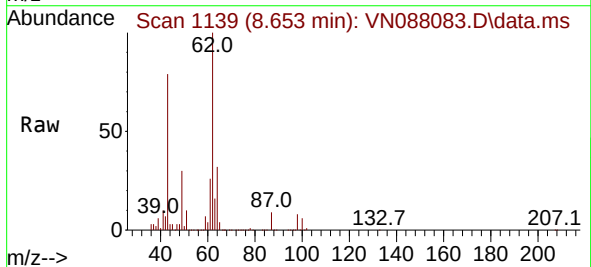
Manual Integrations
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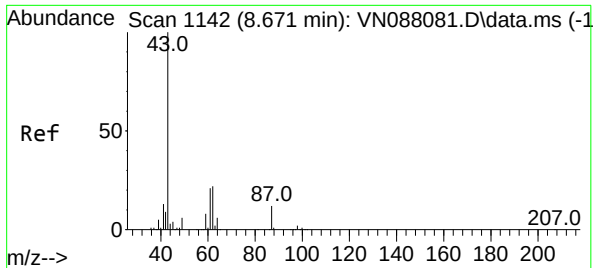
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 156.530 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

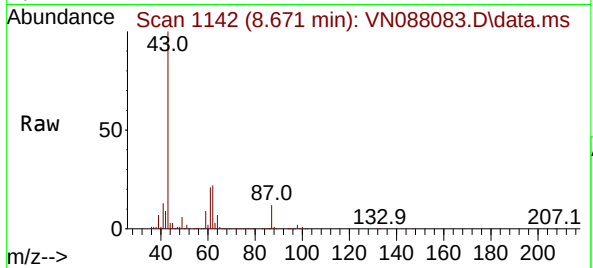
Tgt Ion: 62 Resp: 970030
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4





#43
Isopropyl Acetate
Concen: 161.449 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

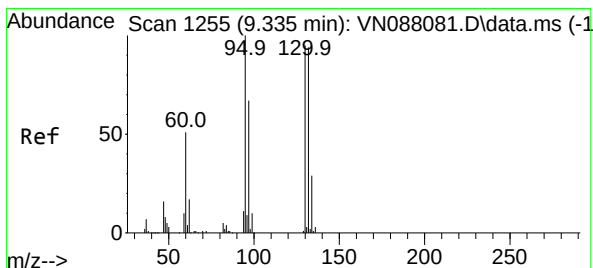
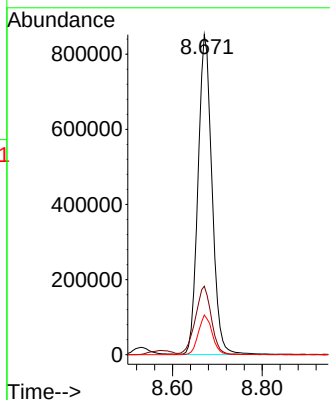
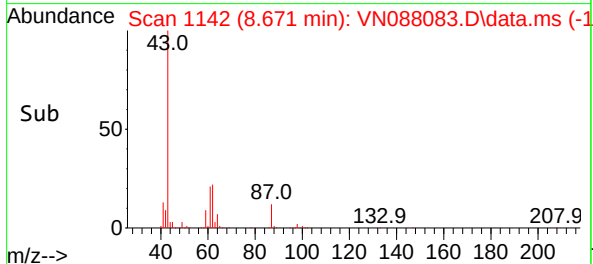
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 183347
Ion Ratio Lower Upper
43 100
61 24.5 18.8 28.2
87 12.3 9.6 14.4

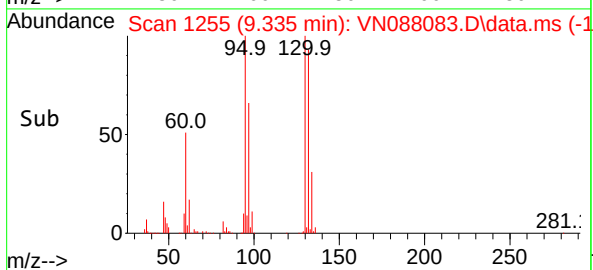
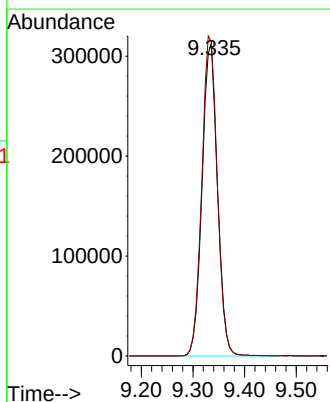
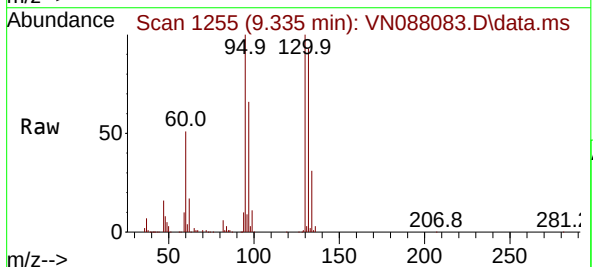
Manual Integrations
APPROVED

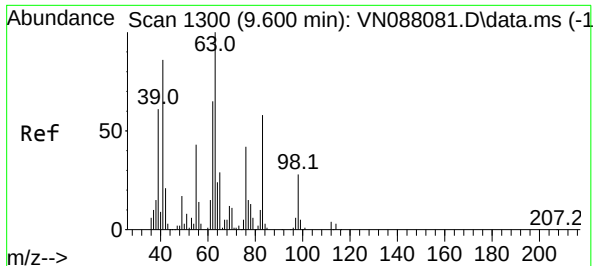
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 158.466 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

Tgt Ion:130 Resp: 646011
Ion Ratio Lower Upper
130 100
95 100.4 0.0 212.0





#45

1,2-Dichloropropane

Concen: 155.683 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088083.D

Acq: 23 Oct 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 68550

Ion Ratio Lower Upper

63 100

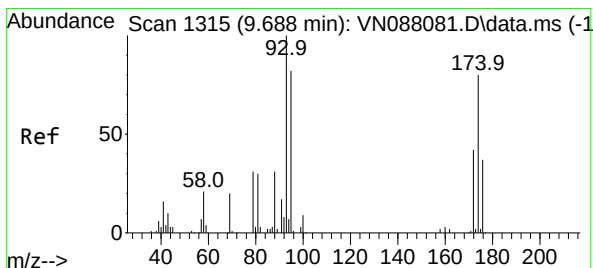
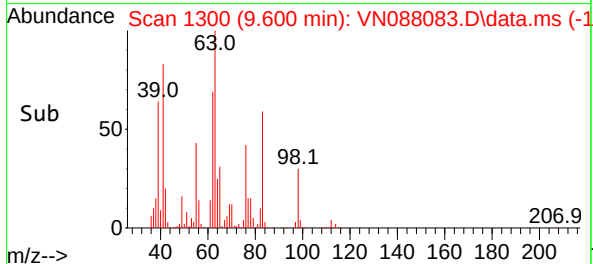
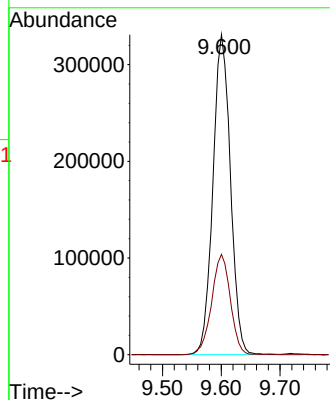
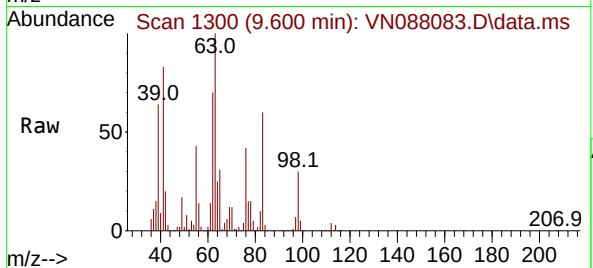
65 31.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 156.795 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088083.D

Acq: 23 Oct 2025 12:02

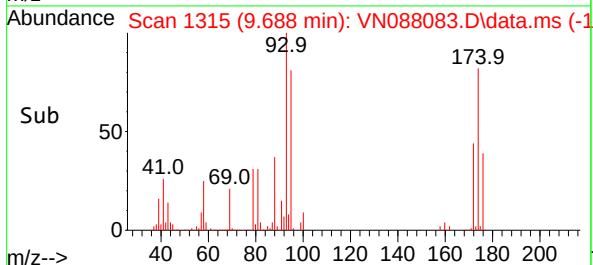
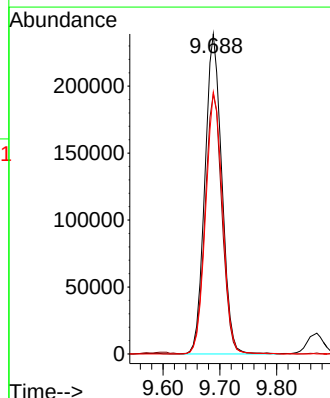
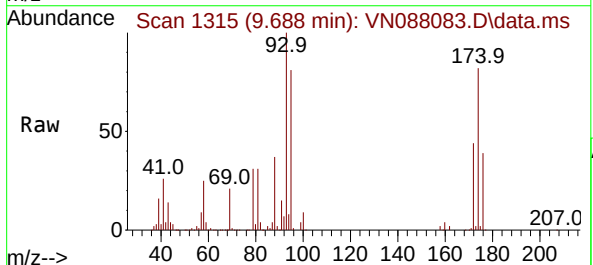
Tgt Ion: 93 Resp: 492395

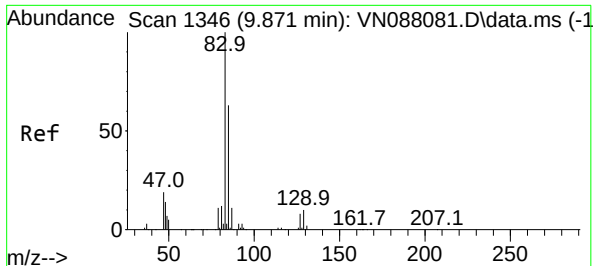
Ion Ratio Lower Upper

93 100

95 81.1 66.2 99.4

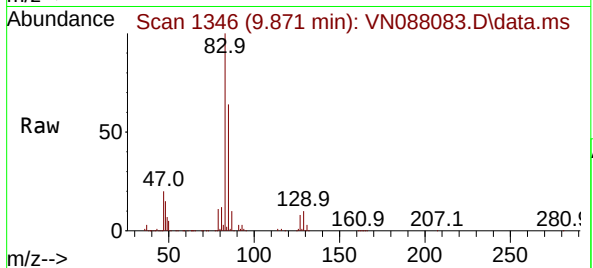
174 81.7 63.4 95.2





#47
Bromodichloromethane
Concen: 159.522 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

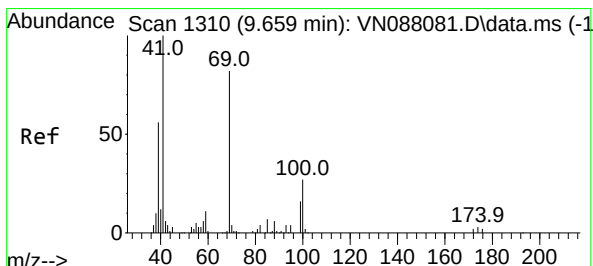
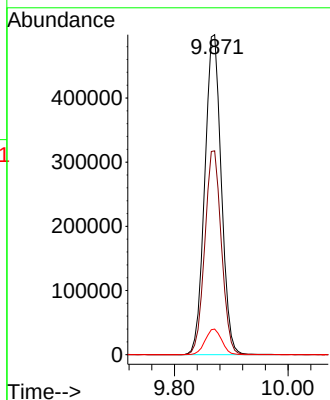
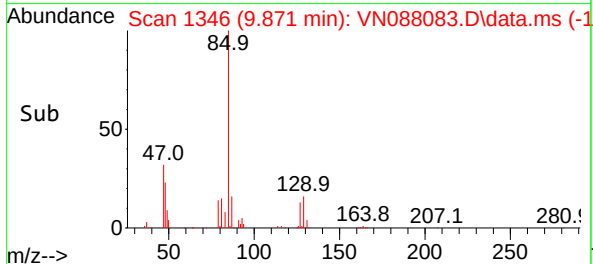
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



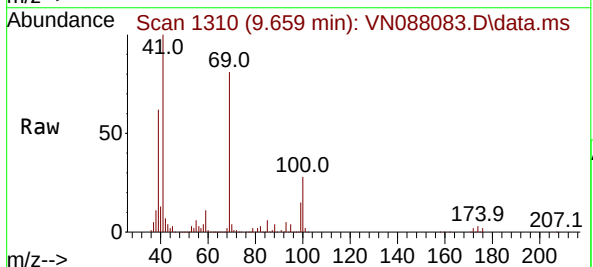
Tgt Ion: 83 Resp: 100297
Ion Ratio Lower Upper
83 100
85 63.7 52.5 78.7
127 8.0 5.8 8.6

Manual Integrations
APPROVED

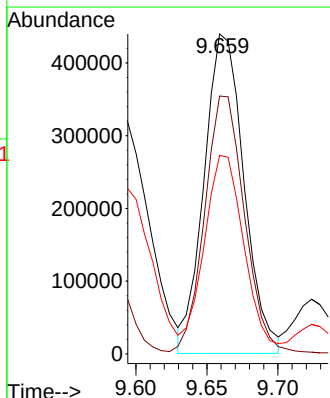
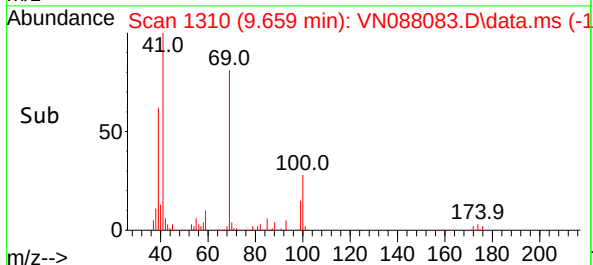
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

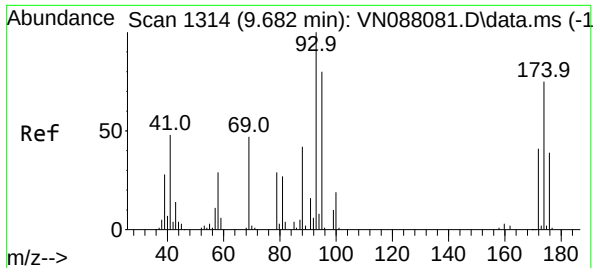


#48
Methyl methacrylate
Concen: 159.103 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



Tgt Ion: 41 Resp: 858241
Ion Ratio Lower Upper
41 100
69 80.8 62.7 94.1
39 62.5 52.9 79.3





#49

1,4-Dioxane

Concen: 3326.006 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088083.D

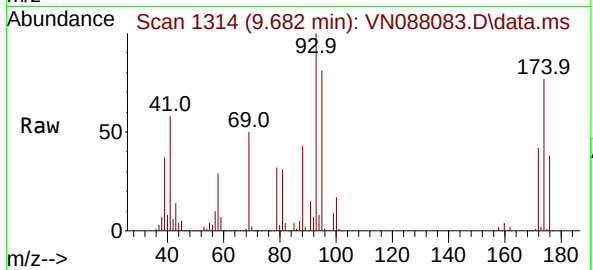
Acq: 23 Oct 2025 12:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150



Tgt Ion: 88 Resp: 21688

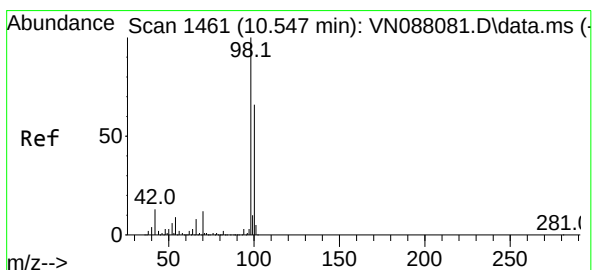
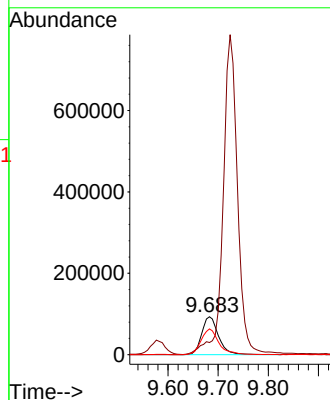
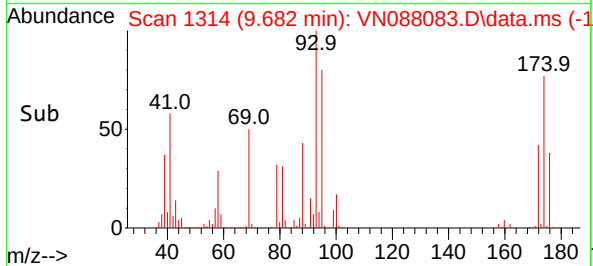
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.1	57.9	86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 160.354 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088083.D

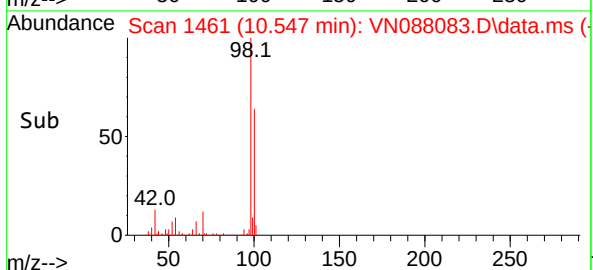
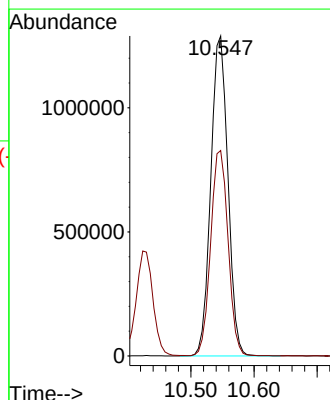
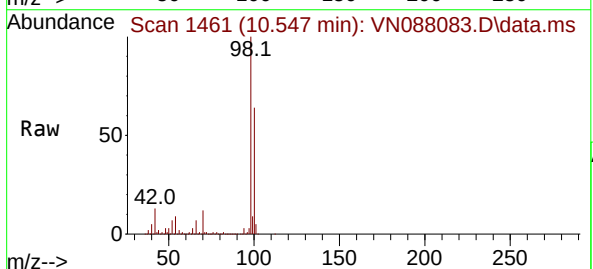
Acq: 23 Oct 2025 12:02

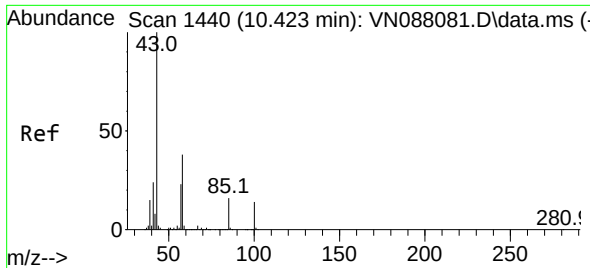
Tgt Ion: 98 Resp: 2423445

Ion Ratio Lower Upper

98 100

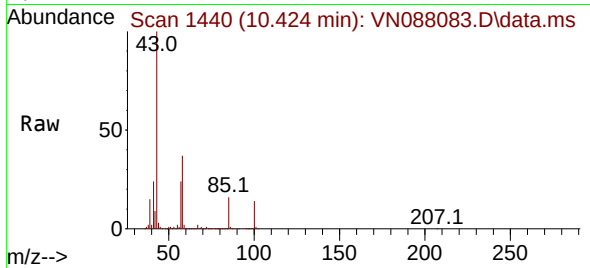
100 65.3 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 808.811 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

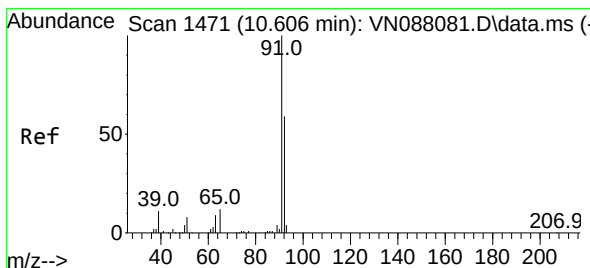
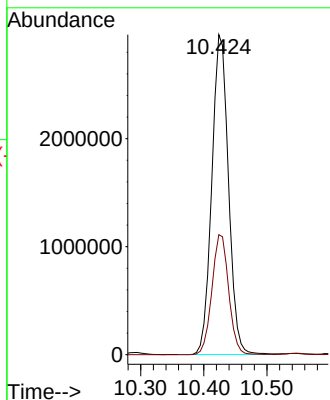
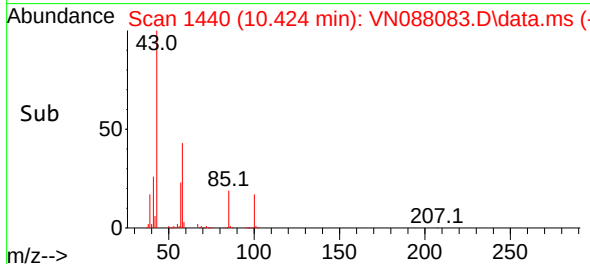
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



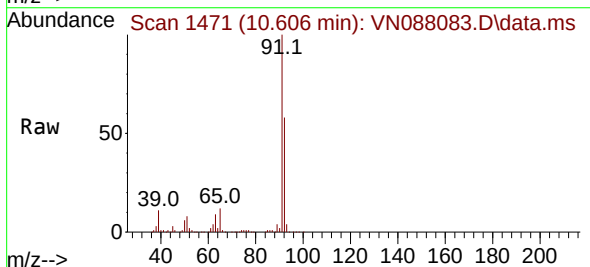
Tgt Ion: 43 Resp: 5433828
Ion Ratio Lower Upper
43 100
58 37.7 29.6 44.4

Manual Integrations
APPROVED

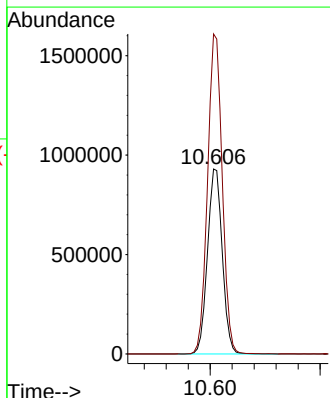
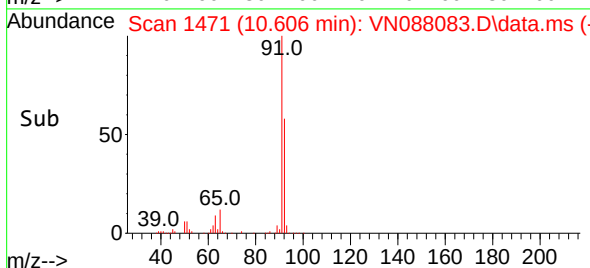
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

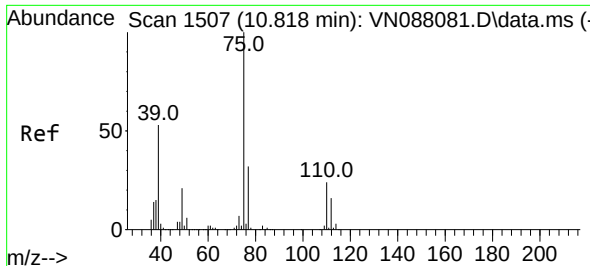


#52
Toluene
Concen: 161.024 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



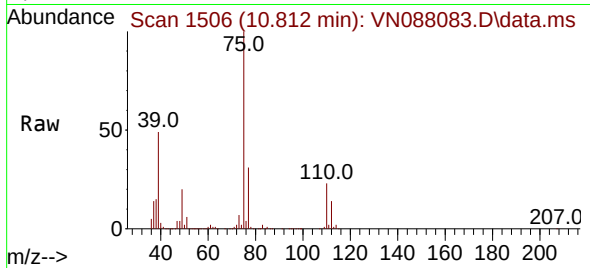
Tgt Ion: 92 Resp: 1731531
Ion Ratio Lower Upper
92 100
91 172.0 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 170.728 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

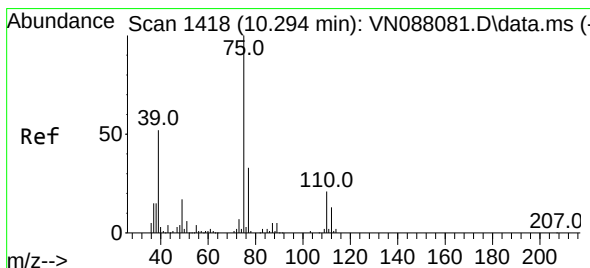
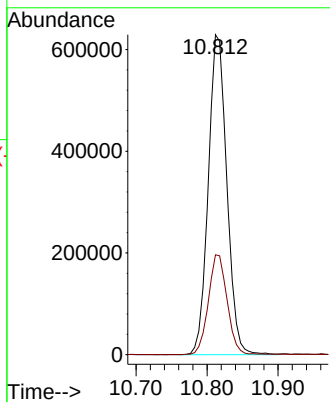
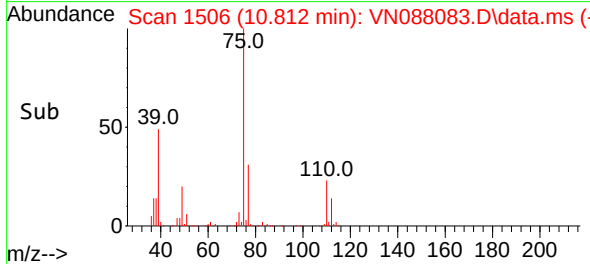
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 114247
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8

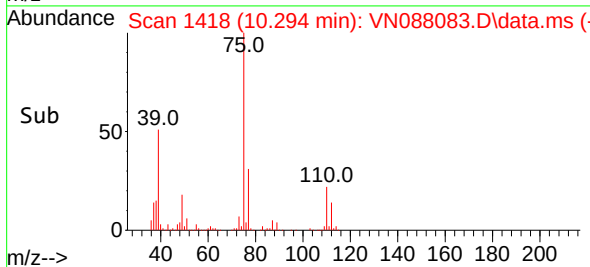
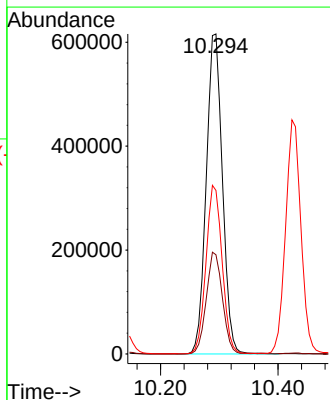
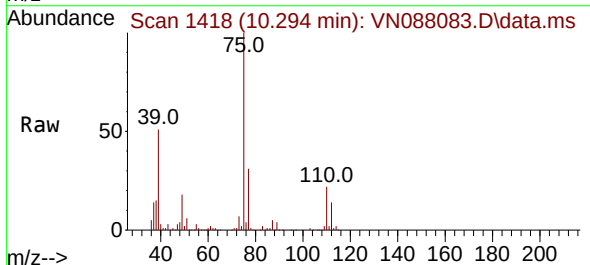
Manual Integrations
APPROVED

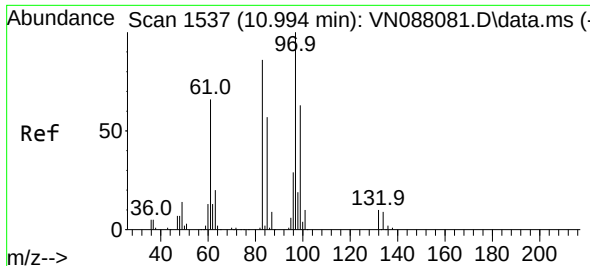
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#54
cis-1,3-Dichloropropene
Concen: 165.622 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

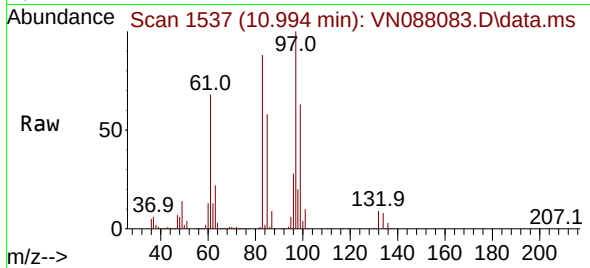
Tgt Ion: 75 Resp: 1176069
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0
39 51.0 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 152.240 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

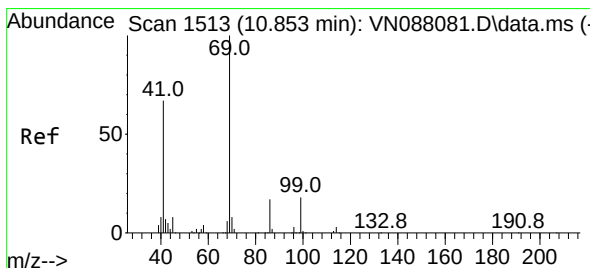
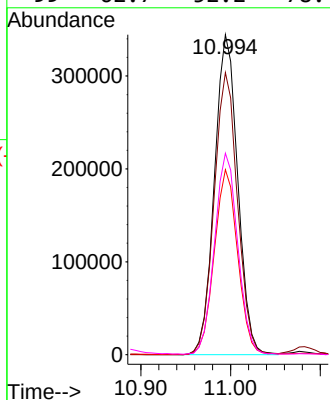
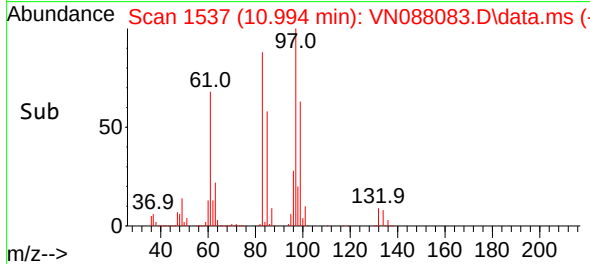
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



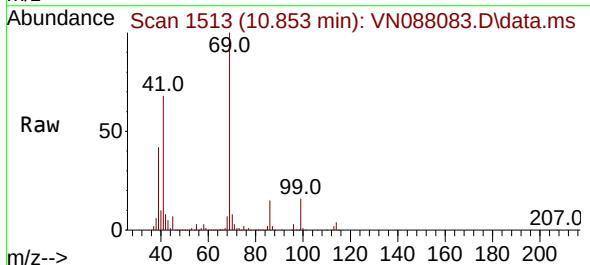
Tgt Ion: 97 Resp: 621088
Ion Ratio Lower Upper
97 100
83 88.1 68.2 102.4
85 57.7 45.5 68.3
99 62.7 52.2 78.4

Manual Integrations
APPROVED

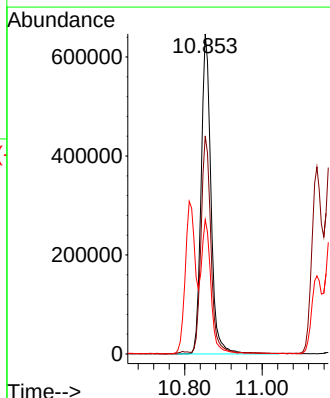
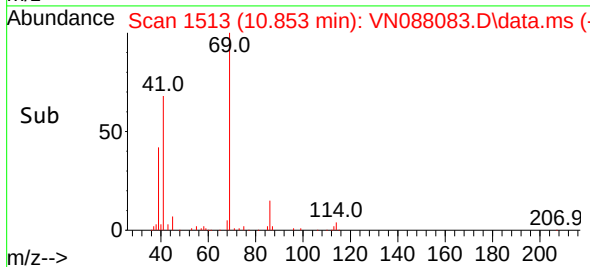
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

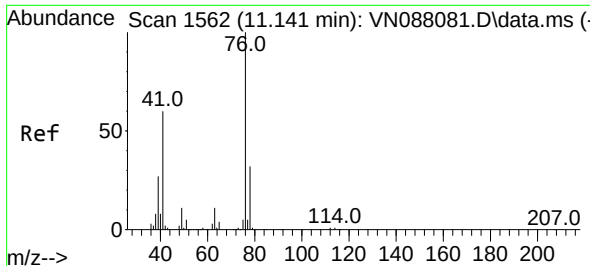


#56
Ethyl methacrylate
Concen: 176.733 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



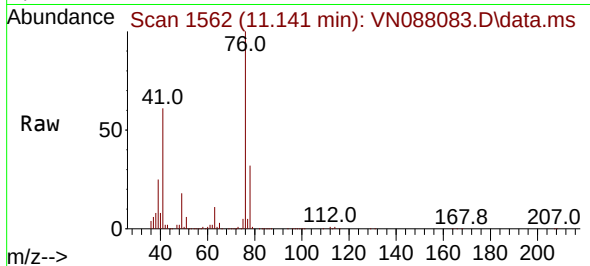
Tgt Ion: 69 Resp: 1139330
Ion Ratio Lower Upper
69 100
41 68.5 56.5 84.7
39 40.0 34.2 51.4





#57
1,3-Dichloropropane
Concen: 158.102 ug/l
RT: 11.141 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

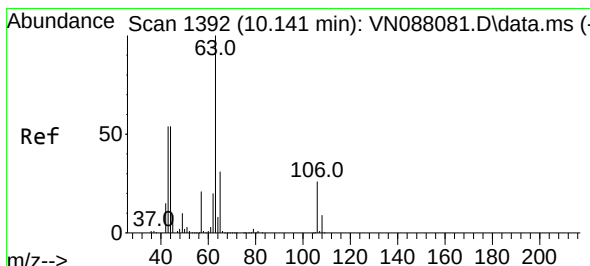
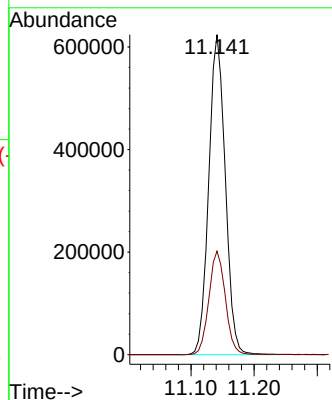
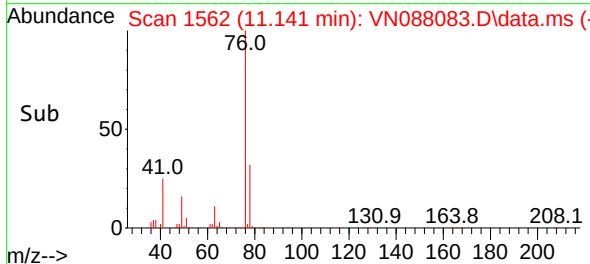
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 76 Resp: 113371
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

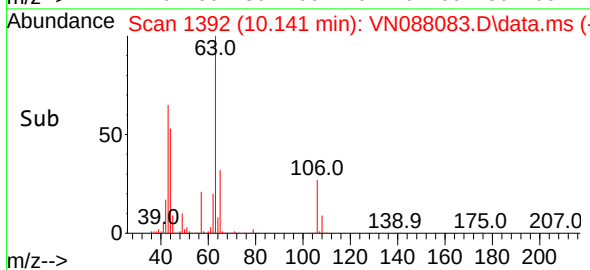
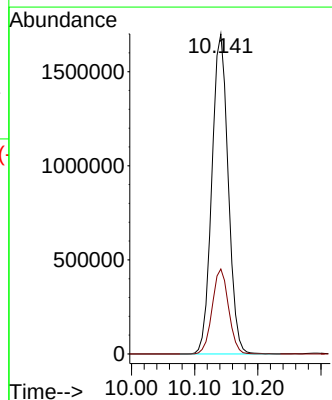
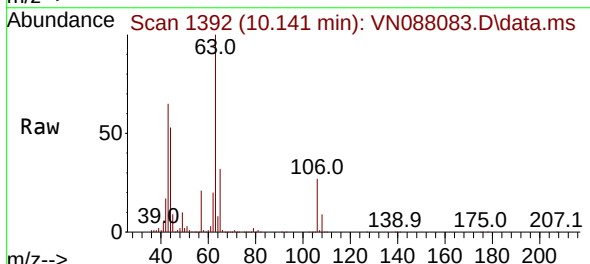
Manual Integrations
APPROVED

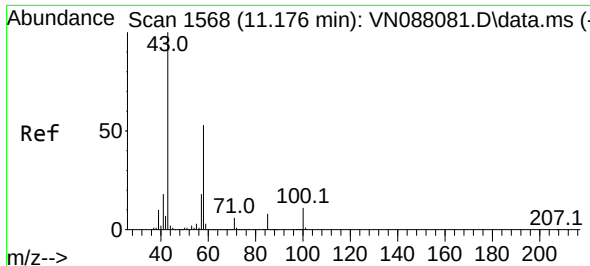
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 907.564 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

Tgt Ion: 63 Resp: 3047762
Ion Ratio Lower Upper
63 100
106 26.6 21.1 31.7





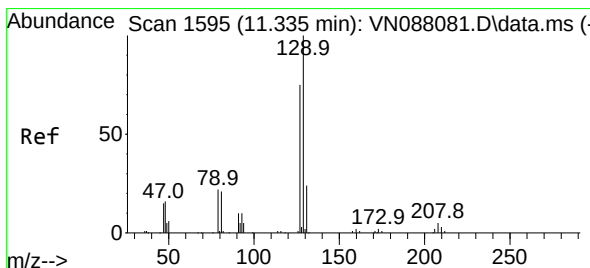
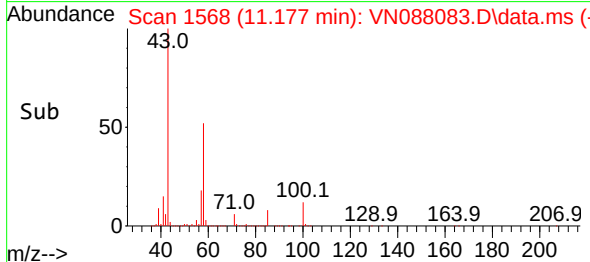
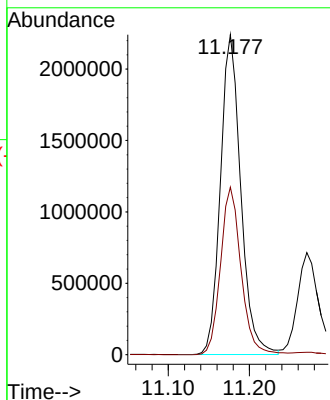
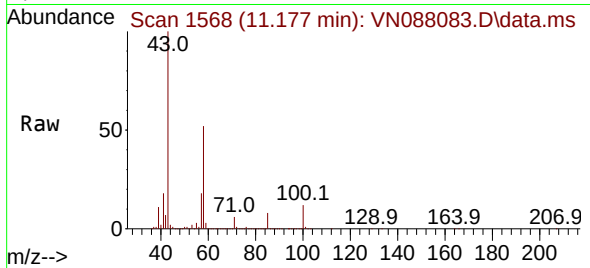
#59
2-Hexanone
Concen: 886.644 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 391043
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.8

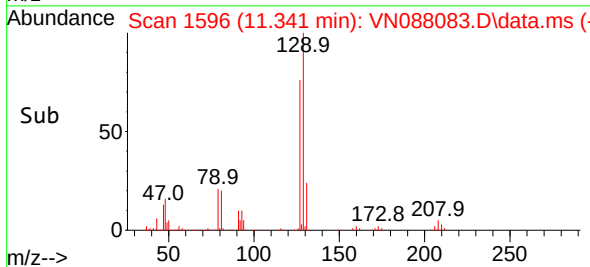
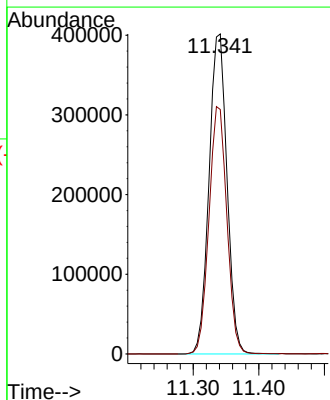
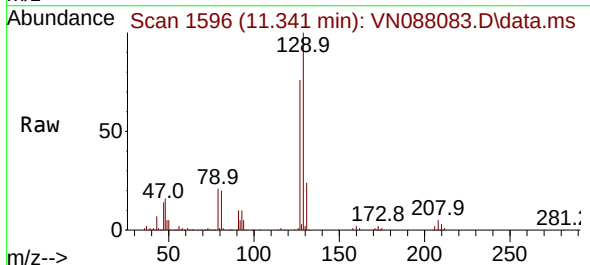
Manual Integrations
APPROVED

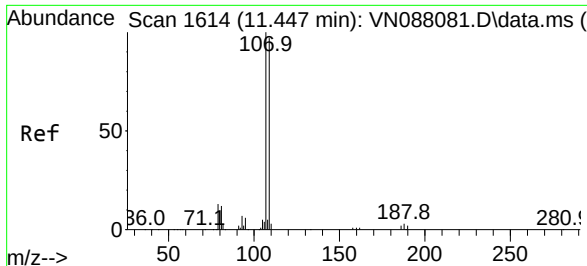
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 164.568 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

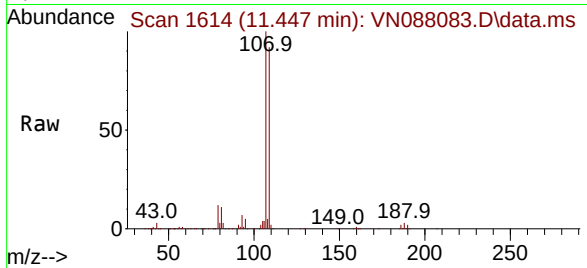
Tgt Ion:129 Resp: 763098
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





#61
1,2-Dibromoethane
Concen: 161.779 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

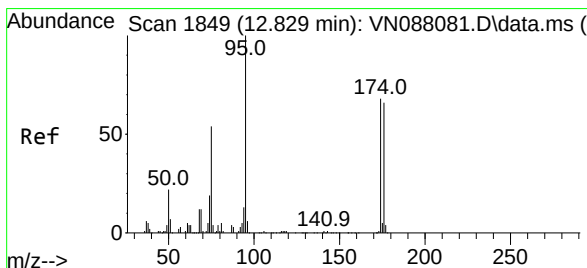
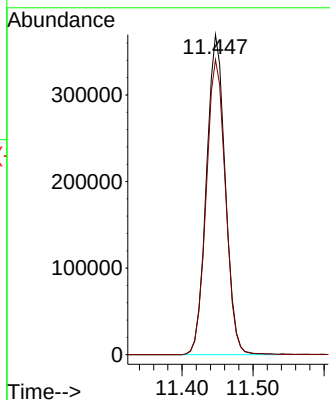
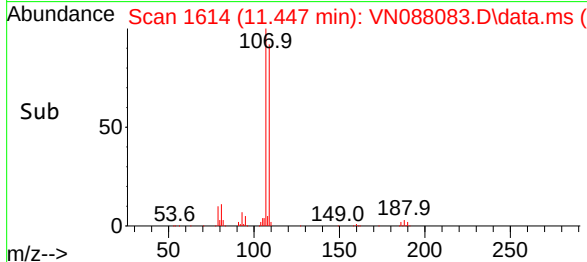
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



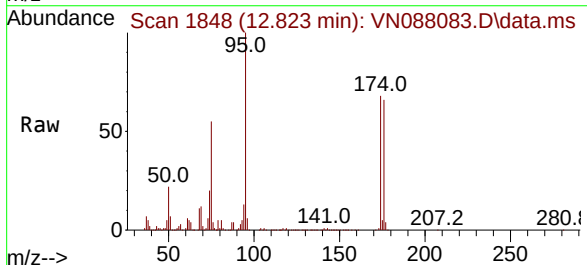
Tgt Ion:107 Resp: 679250
Ion Ratio Lower Upper
107 100
109 94.6 74.7 112.1

Manual Integrations
APPROVED

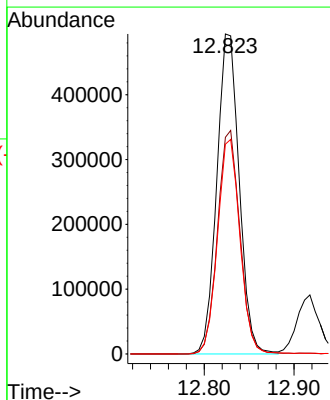
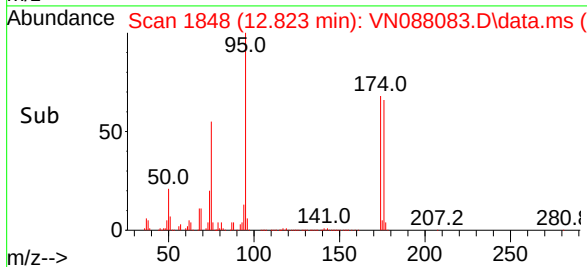
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

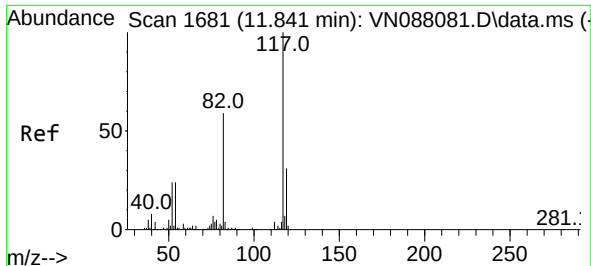


#62
4-Bromofluorobenzene
Concen: 160.301 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



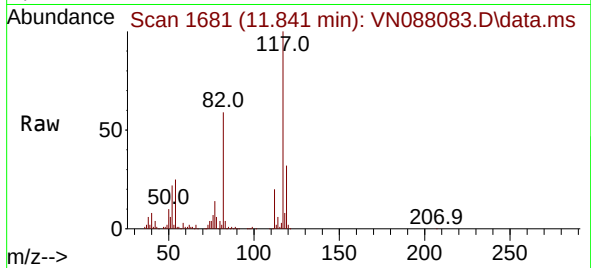
Tgt Ion: 95 Resp: 855591
Ion Ratio Lower Upper
95 100
174 69.8 0.0 138.4
176 67.2 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

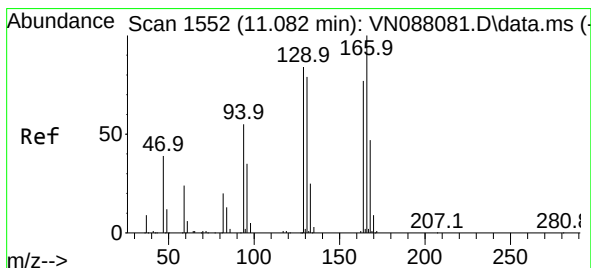
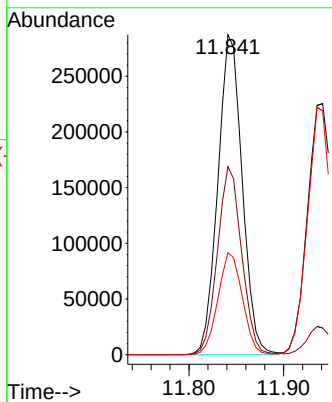
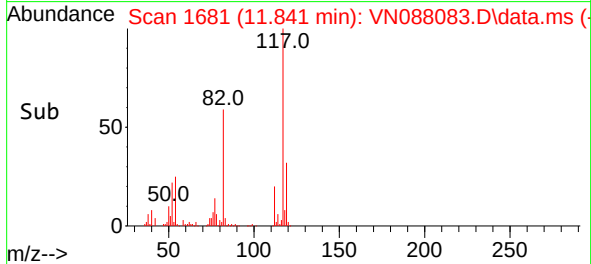
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 51356
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.9 24.3 36.5

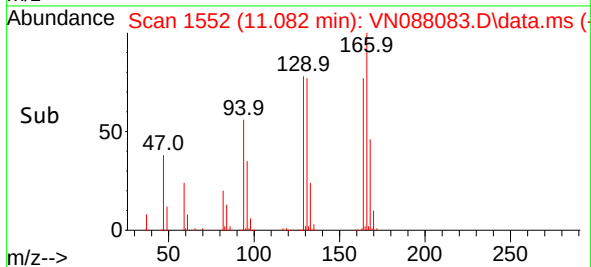
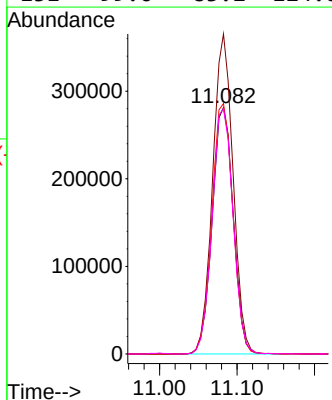
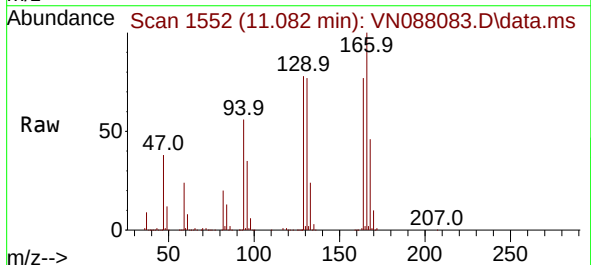
Manual Integrations
APPROVED

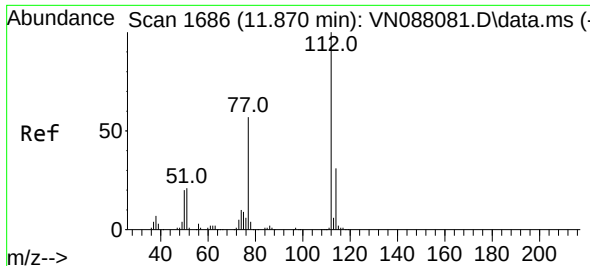
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 156.503 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

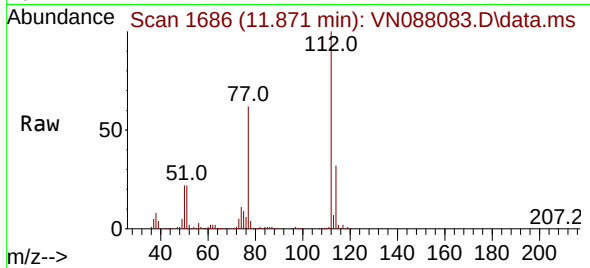
Tgt Ion:164 Resp: 530165
Ion Ratio Lower Upper
164 100
166 129.9 97.7 146.5
129 101.7 85.9 128.9
131 99.6 83.2 124.8





#65
Chlorobenzene
Concen: 159.579 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

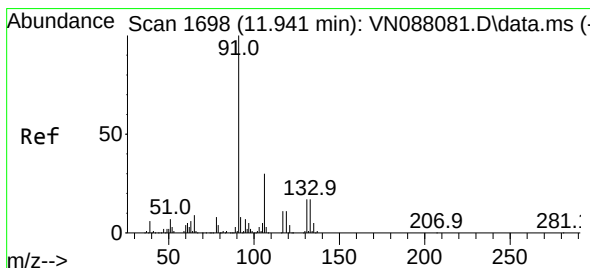
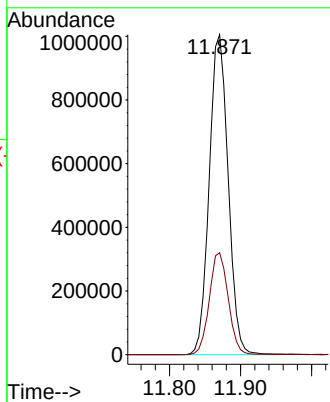
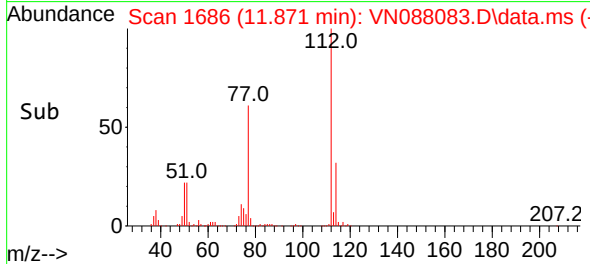
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



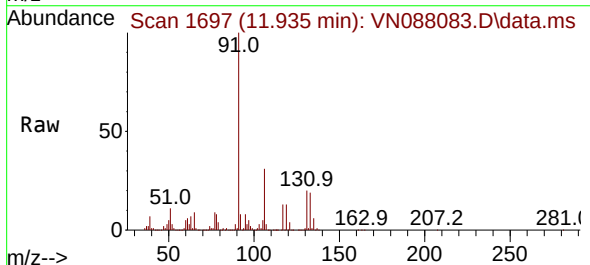
Tgt Ion:112 Resp: 1860929
Ion Ratio Lower Upper
112 100
114 31.9 24.3 36.5

Manual Integrations
APPROVED

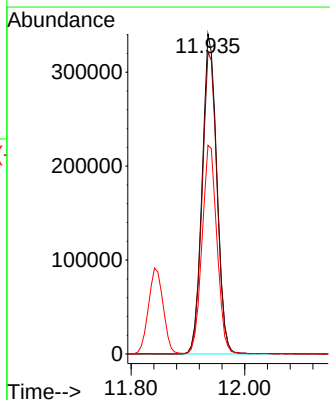
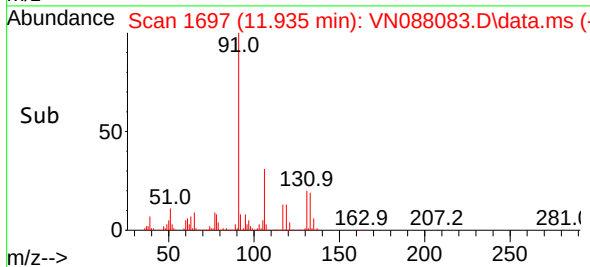
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

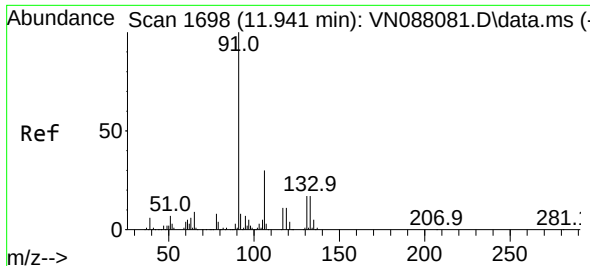


#66
1,1,1,2-Tetrachloroethane
Concen: 160.145 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



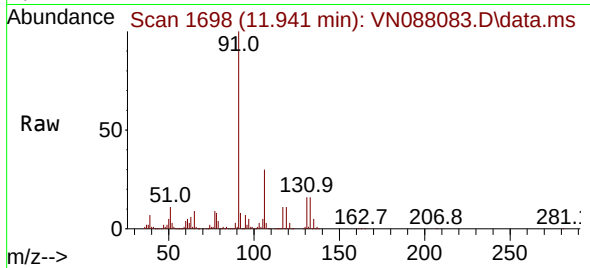
Tgt Ion:131 Resp: 611842
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 65.6 32.6 97.7





#67
Ethyl Benzene
Concen: 163.821 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

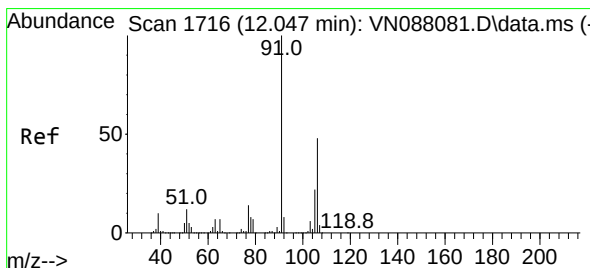
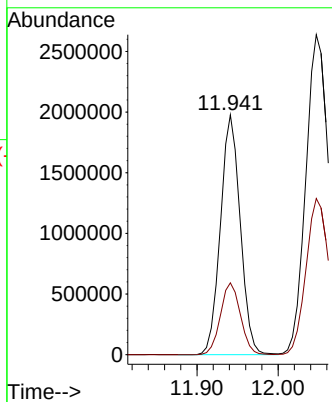
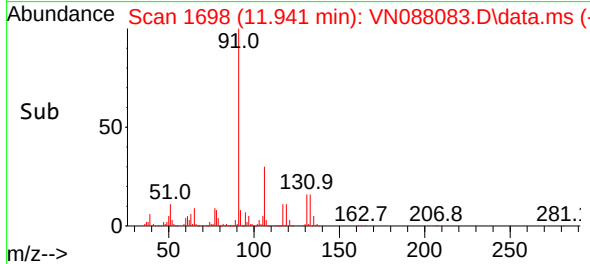
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 335334
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1

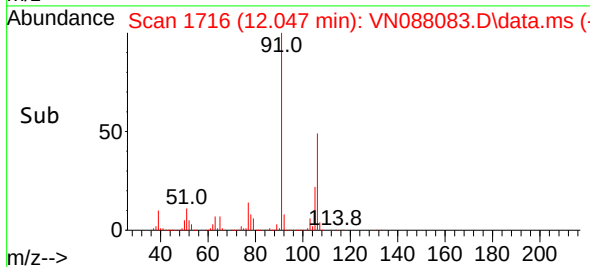
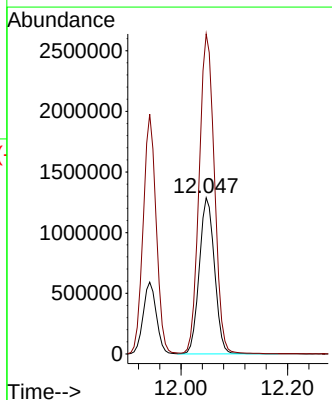
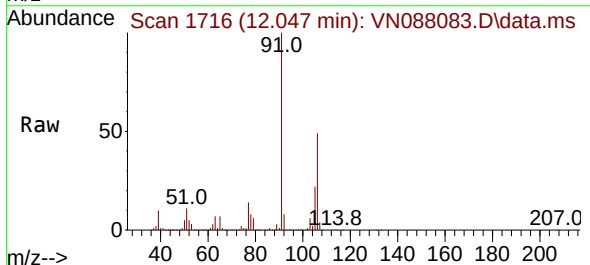
Manual Integrations
APPROVED

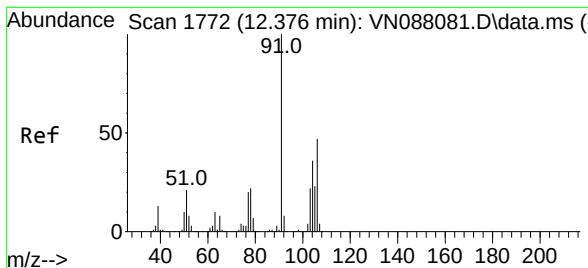
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 332.341 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

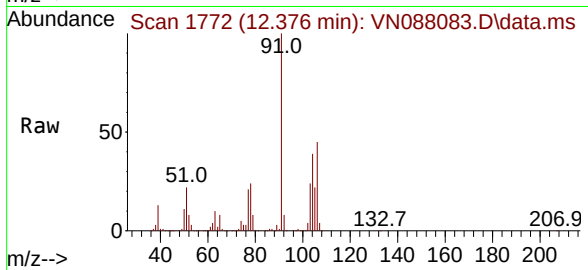
Tgt Ion:106 Resp: 2548912
Ion Ratio Lower Upper
106 100
91 205.5 169.3 253.9





#69
o-Xylene
Concen: 166.137 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

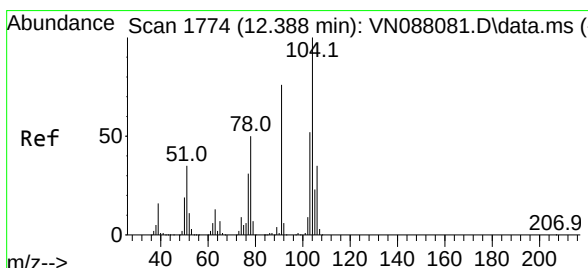
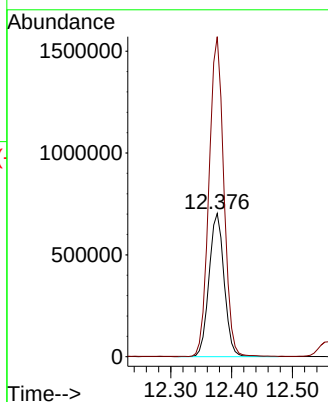
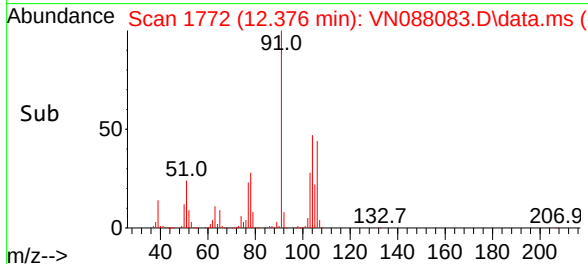
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 120789
Ion Ratio Lower Upper
106 100
91 219.2 111.4 334.2

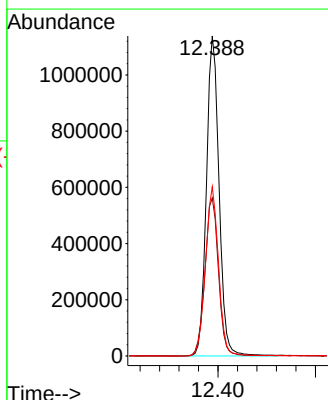
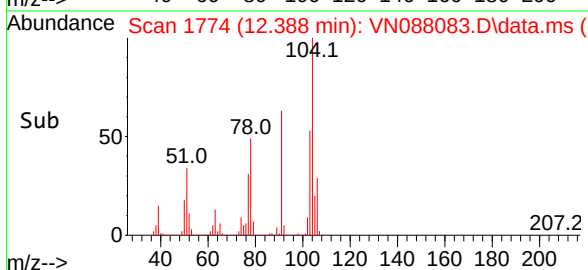
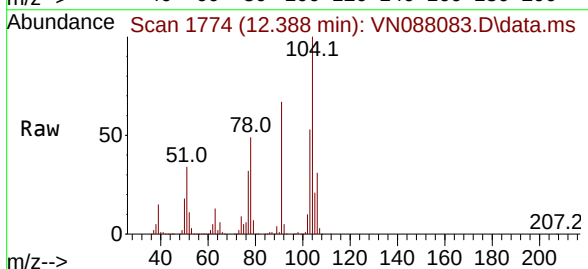
Manual Integrations
APPROVED

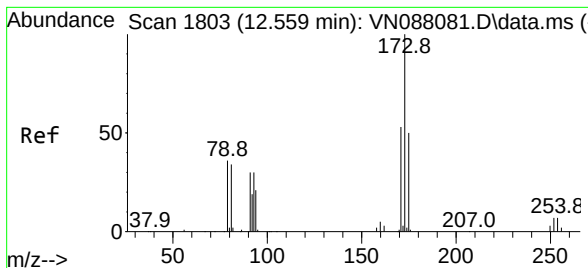
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 172.216 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

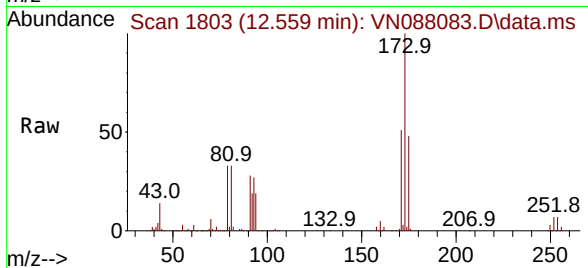
Tgt Ion:104 Resp: 2041763
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.2
103 54.8 43.4 65.2





#71
Bromoform
Concen: 173.079 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

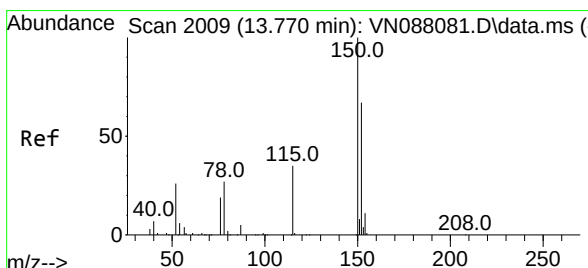
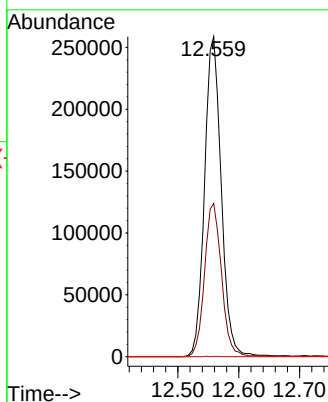
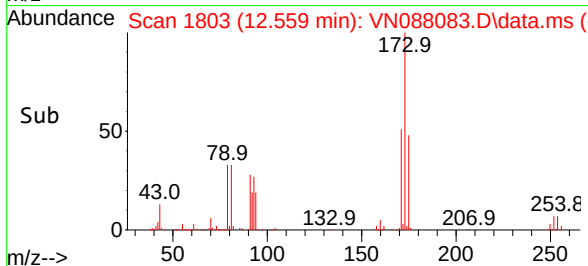
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



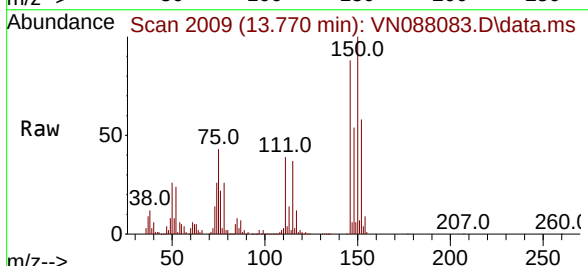
Tgt Ion:173 Resp: 493470
Ion Ratio Lower Upper
173 100
175 48.7 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

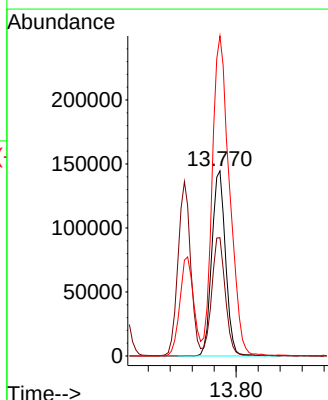
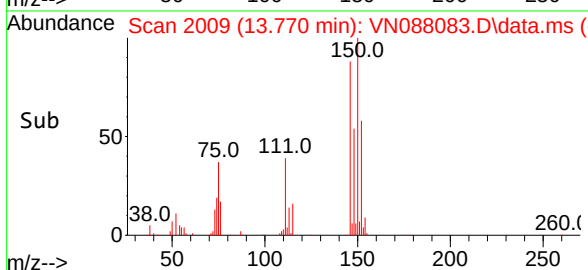
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

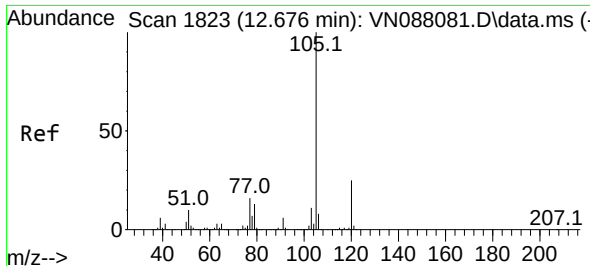


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



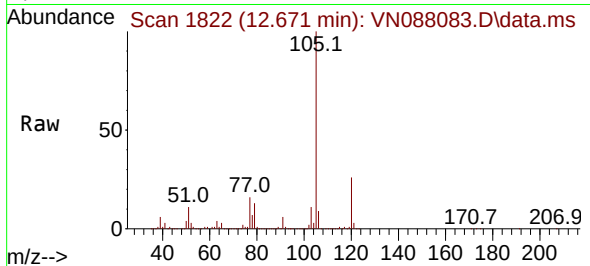
Tgt Ion:152 Resp: 251277
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 215.2 0.0 351.0





#73
Isopropylbenzene
Concen: 166.175 ug/l
RT: 12.671 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

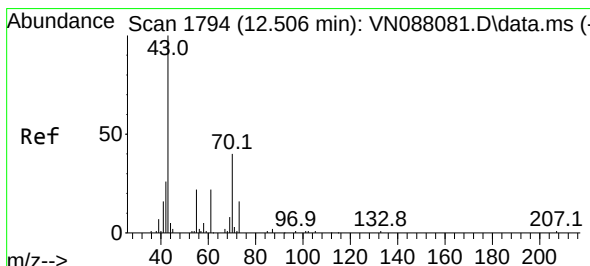
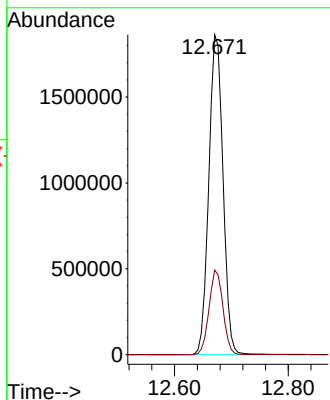
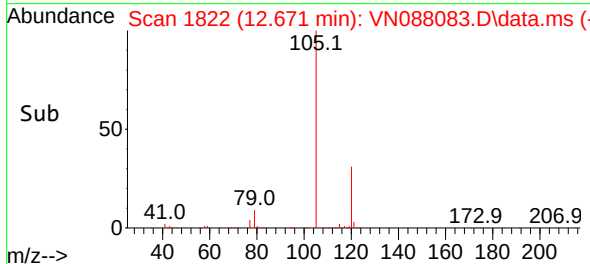
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



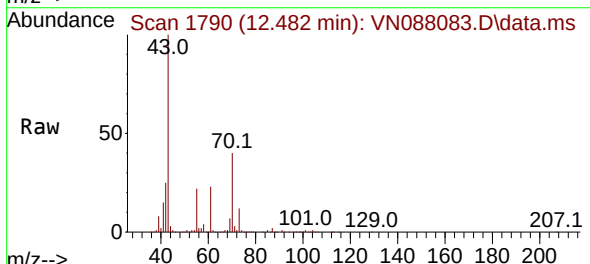
Tgt Ion:105 Resp: 3220528
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3

Manual Integrations
APPROVED

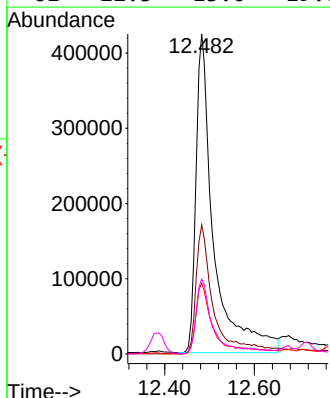
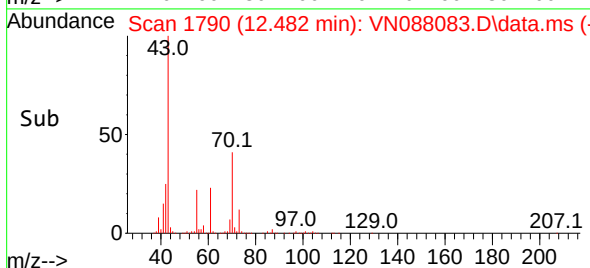
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

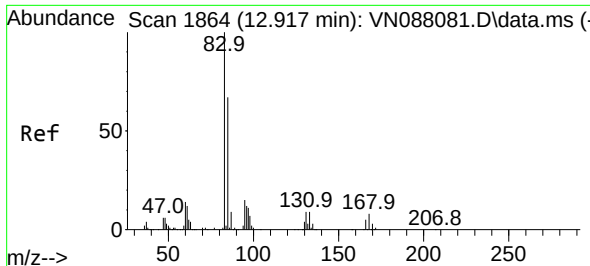


#74
N-ethyl acetate
Concen: 151.264 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



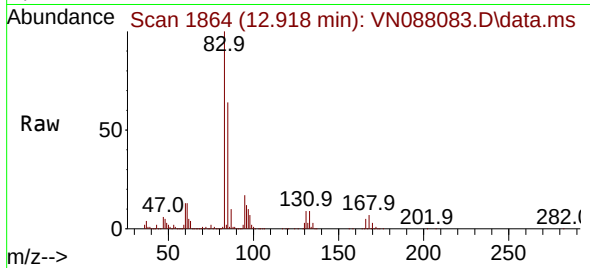
Tgt Ion: 43 Resp: 1157298
Ion Ratio Lower Upper
43 100
70 41.3 27.6 41.4
55 22.5 13.0 19.6#
61 22.3 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 158.633 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

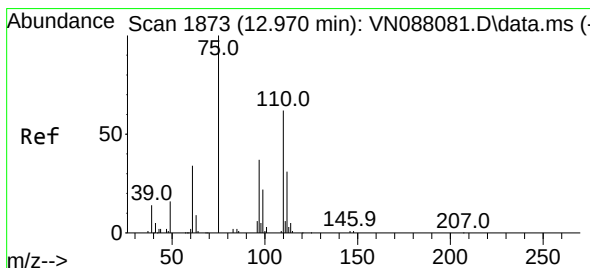
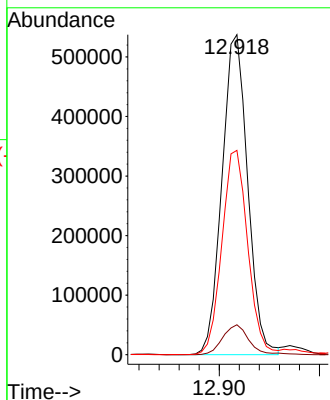
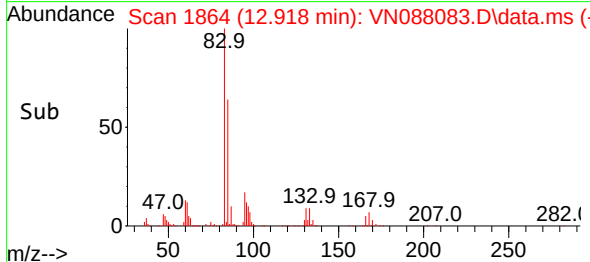
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 957140
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.2 32.1 96.3

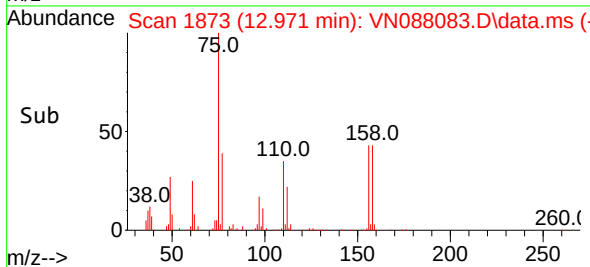
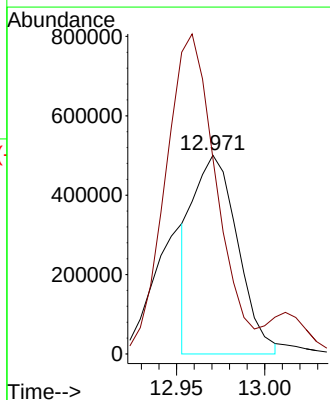
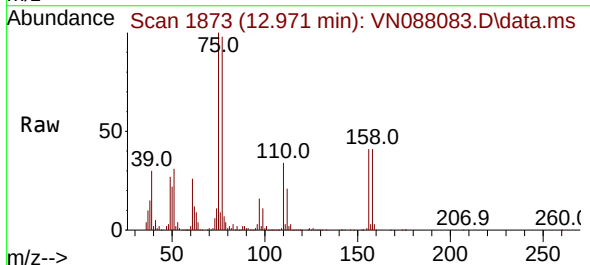
Manual Integrations
APPROVED

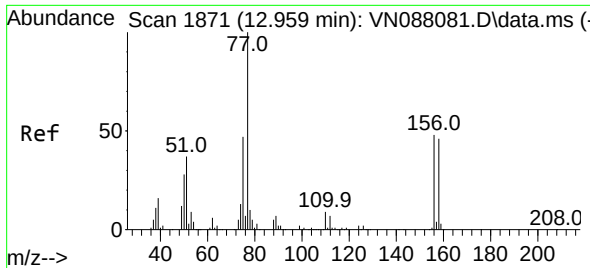
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 163.762 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

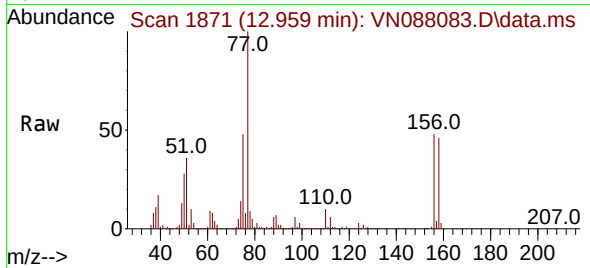
Tgt Ion: 75 Resp: 880864
Ion Ratio Lower Upper
75 100
77 183.7 89.1 267.4





#77
Bromobenzene
Concen: 162.773 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

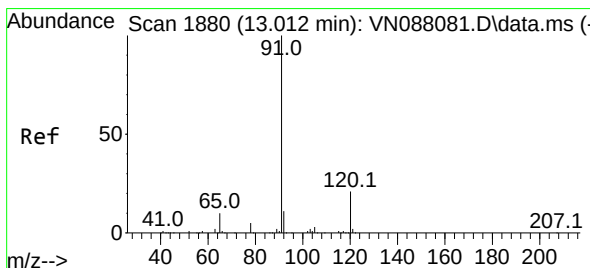
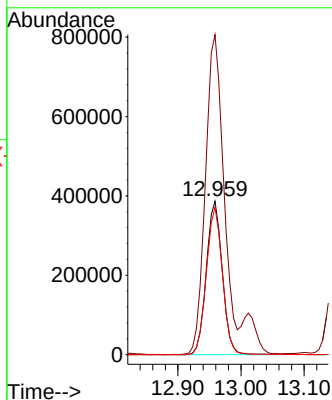
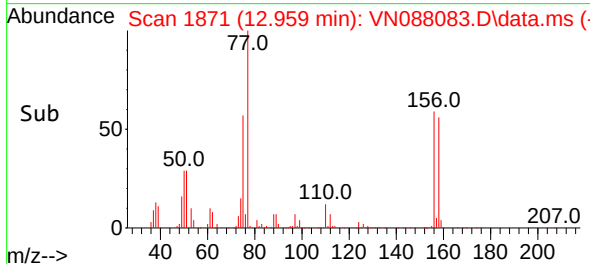
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



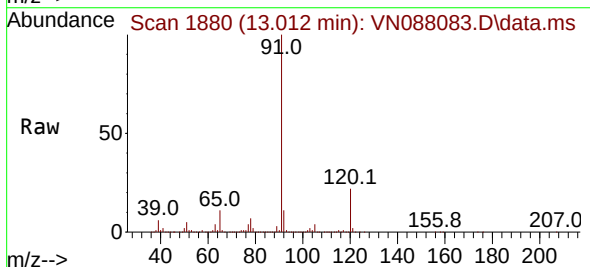
Tgt Ion:156 Resp: 680258
Ion Ratio Lower Upper
156 100
77 237.9 119.3 358.0
158 96.5 48.2 144.6

Manual Integrations
APPROVED

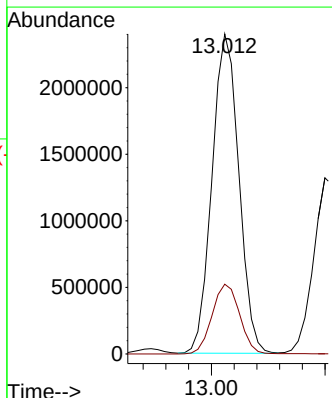
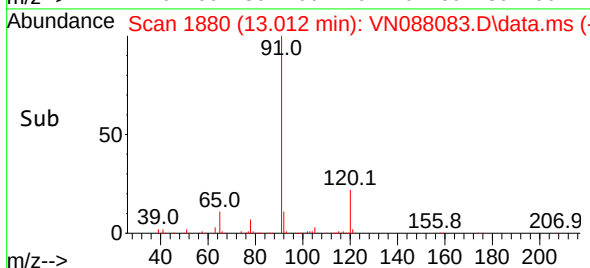
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

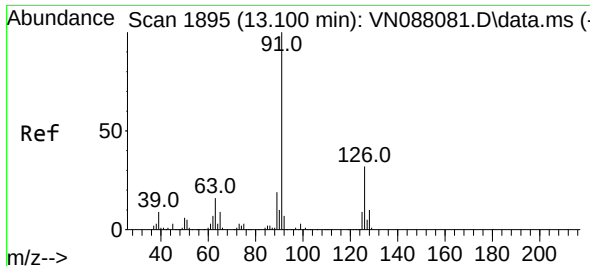


#78
n-propylbenzene
Concen: 166.291 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



Tgt Ion: 91 Resp: 3932907
Ion Ratio Lower Upper
91 100
120 22.5 10.7 32.1





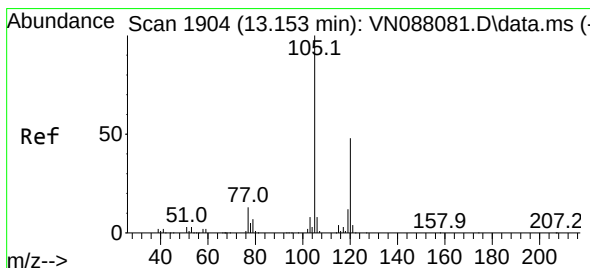
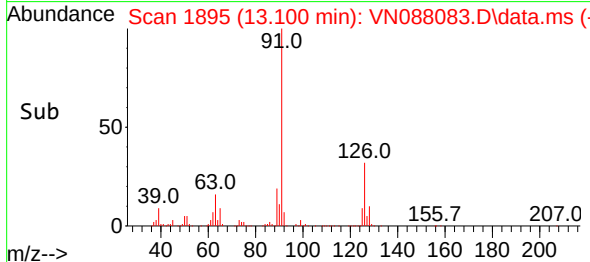
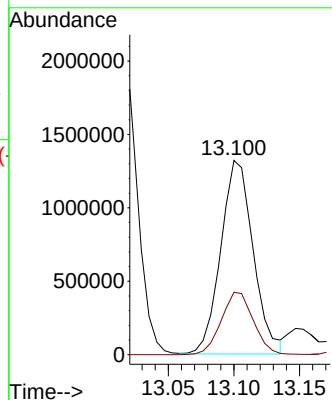
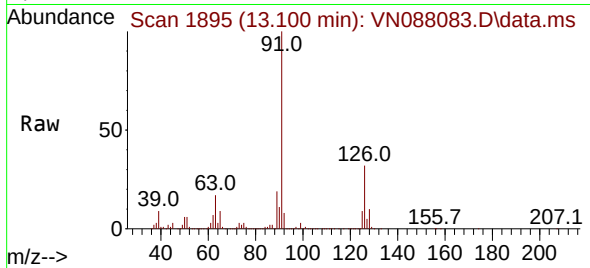
#79
2-Chlorotoluene
Concen: 168.438 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 2271825
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3

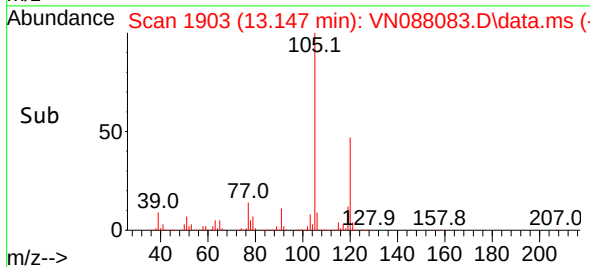
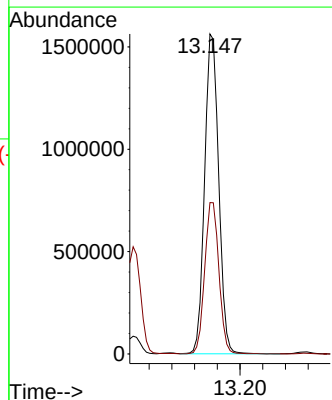
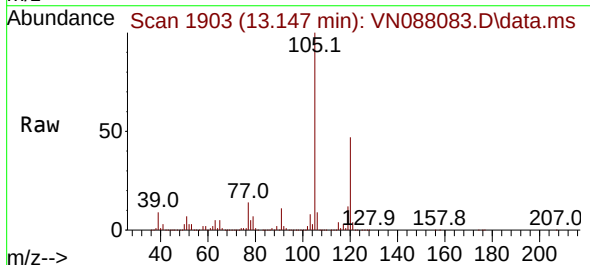
Manual Integrations
APPROVED

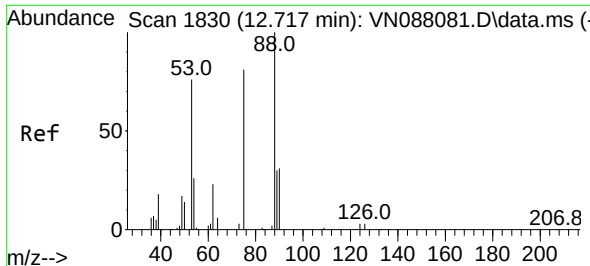
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 166.308 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

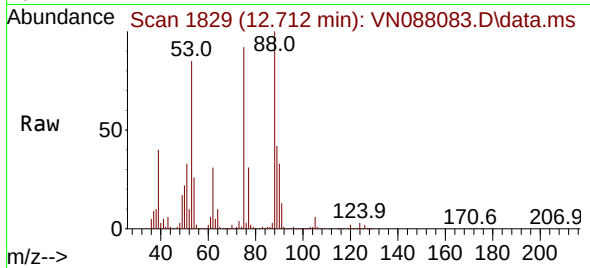
Tgt Ion:105 Resp: 2676801
Ion Ratio Lower Upper
105 100
120 48.0 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 185.532 ug/l
RT: 12.712 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

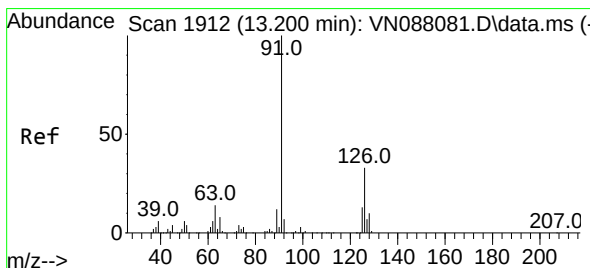
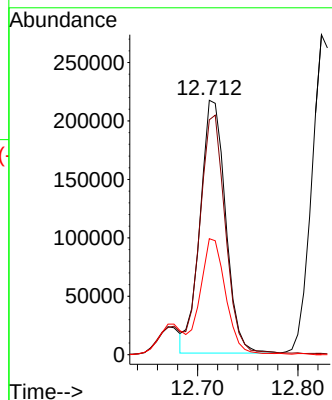
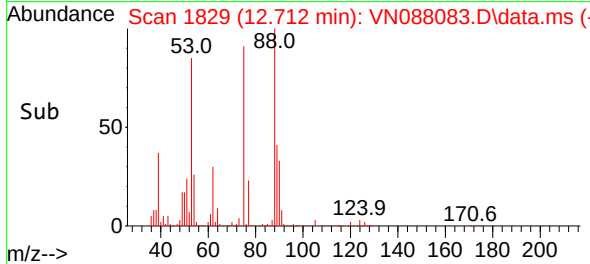
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 383072
Ion Ratio Lower Upper
75 100
53 94.6 101.8 152.6
89 45.4 35.6 53.4

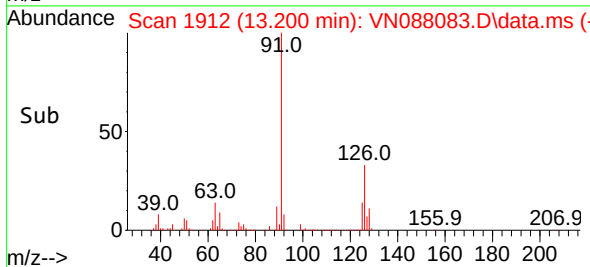
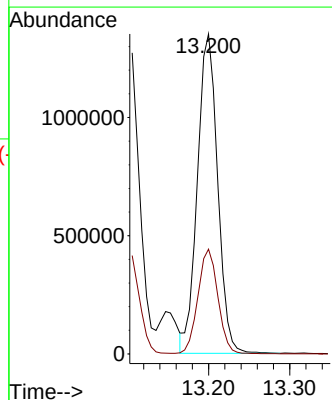
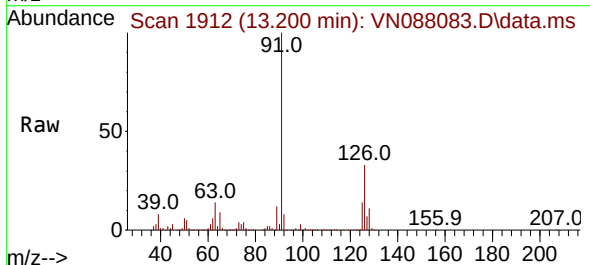
Manual Integrations
APPROVED

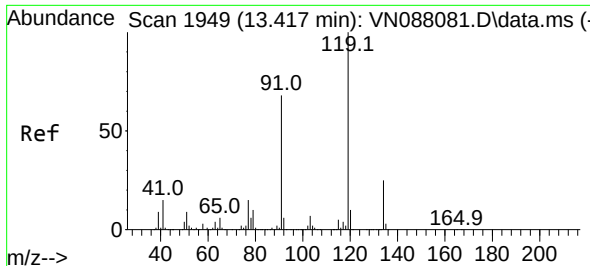
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#82
4-Chlorotoluene
Concen: 160.269 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

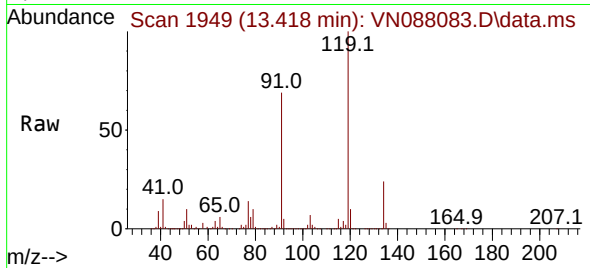
Tgt Ion: 91 Resp: 2338686
Ion Ratio Lower Upper
91 100
126 32.5 15.6 46.8





#83
tert-Butylbenzene
Concen: 164.130 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

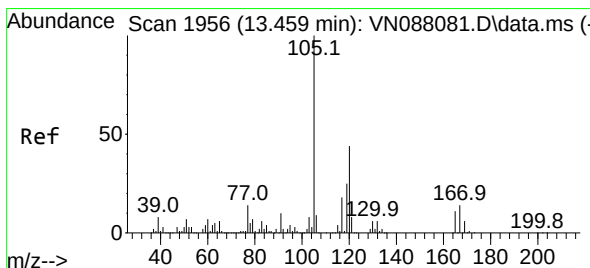
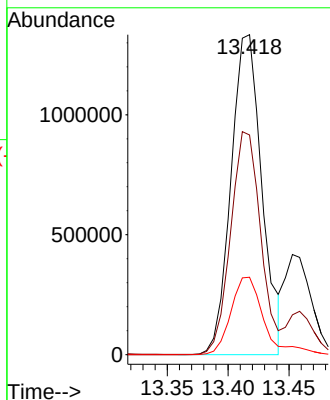
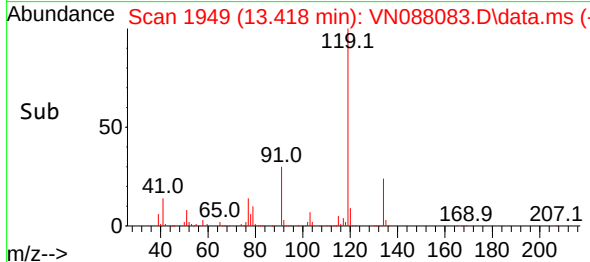
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:119 Resp: 2359884
Ion Ratio Lower Upper
119 100
91 67.5 35.0 105.0
134 25.9 12.6 37.8

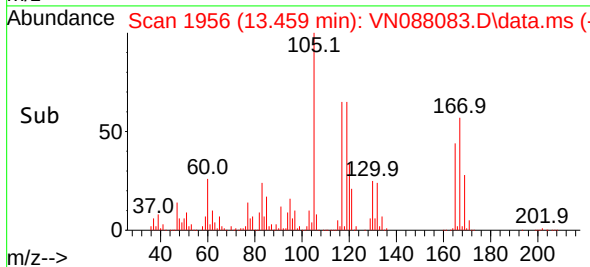
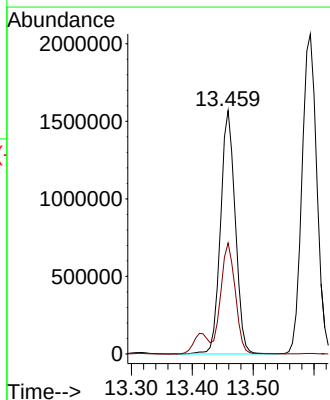
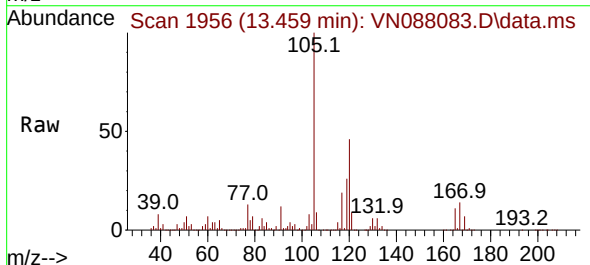
Manual Integrations
APPROVED

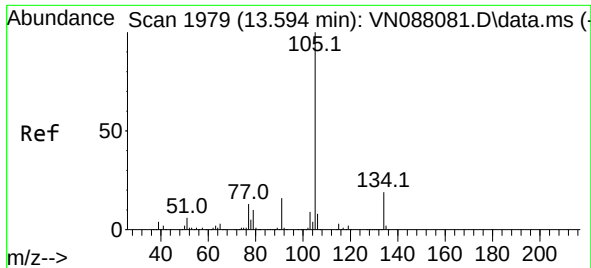
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 163.426 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

Tgt Ion:105 Resp: 2631783
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0





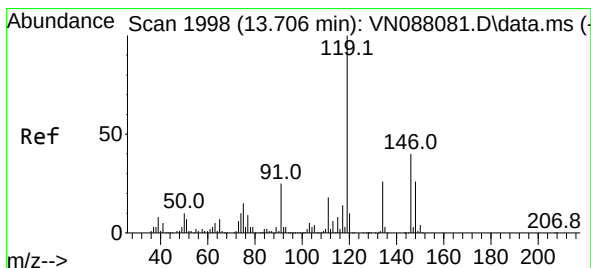
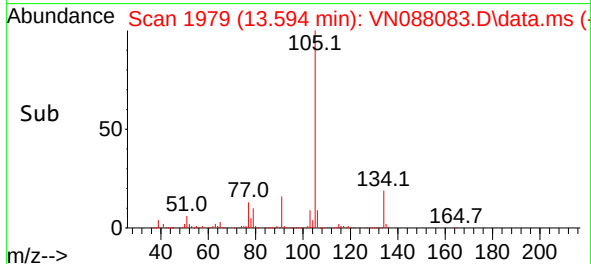
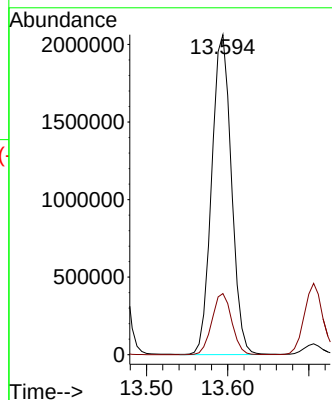
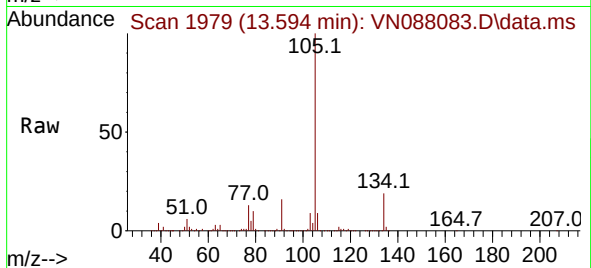
#85
 sec-Butylbenzene
 Concen: 164.725 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088083.D
 Acq: 23 Oct 2025 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 347971
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

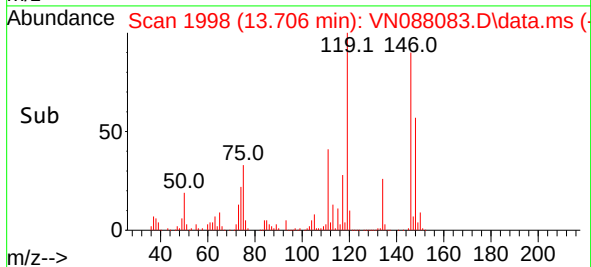
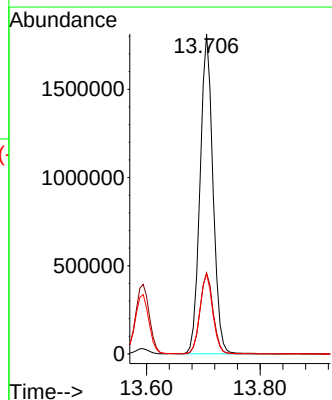
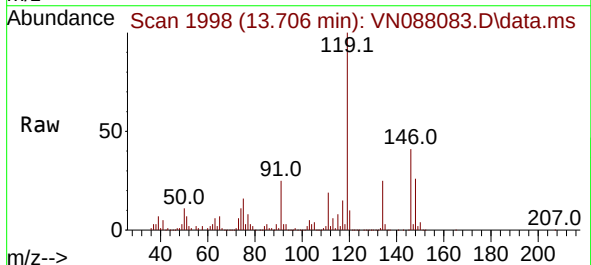
Manual Integrations
 APPROVED

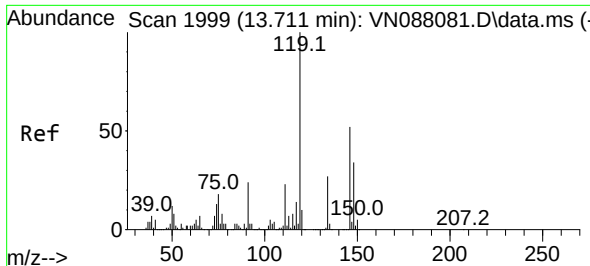
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 168.299 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088083.D
 Acq: 23 Oct 2025 12:02

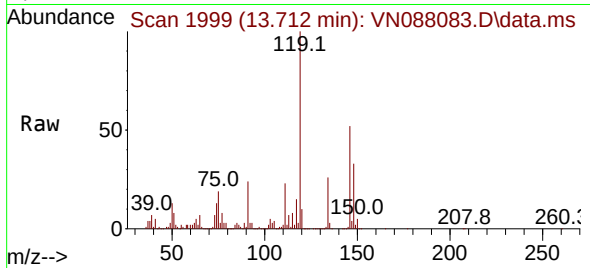
Tgt Ion:119 Resp: 2852012
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.0
 91 24.9 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 160.211 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

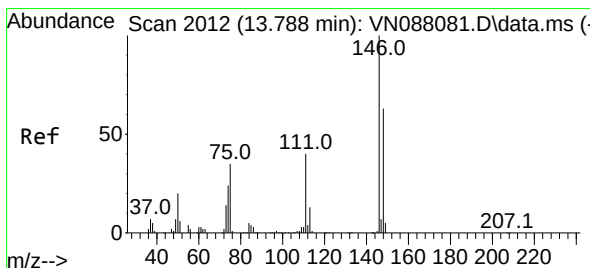
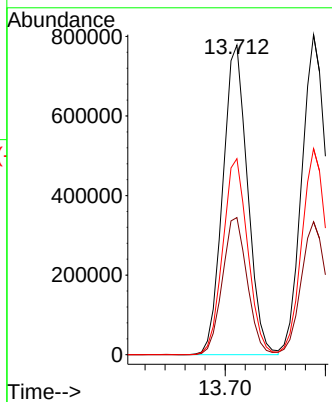
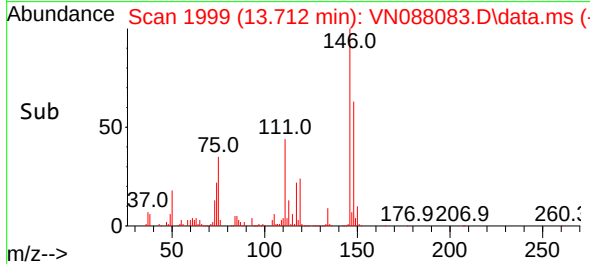
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



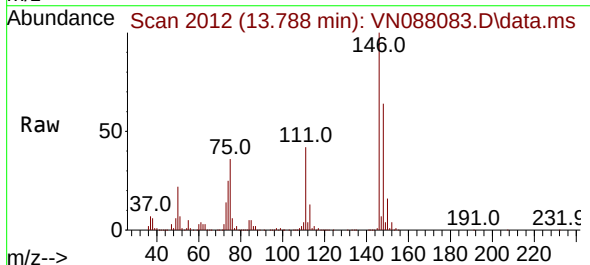
Tgt Ion:146 Resp: 133661
Ion Ratio Lower Upper
146 100
111 44.4 22.1 66.5
148 63.8 32.0 96.2

Manual Integrations
APPROVED

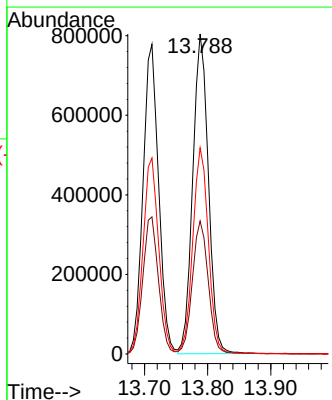
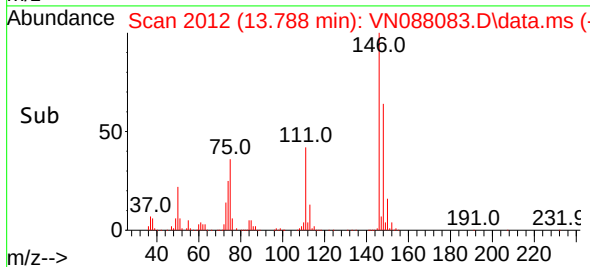
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

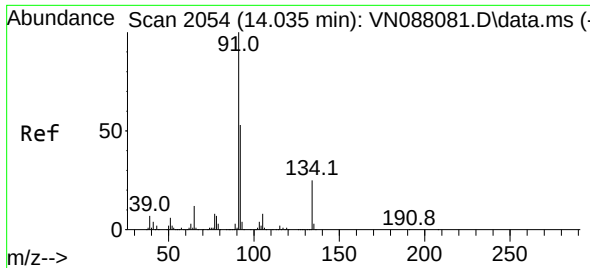


#88
1,4-Dichlorobenzene
Concen: 154.079 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



Tgt Ion:146 Resp: 1384247
Ion Ratio Lower Upper
146 100
111 42.4 21.0 63.0
148 63.8 32.0 96.0





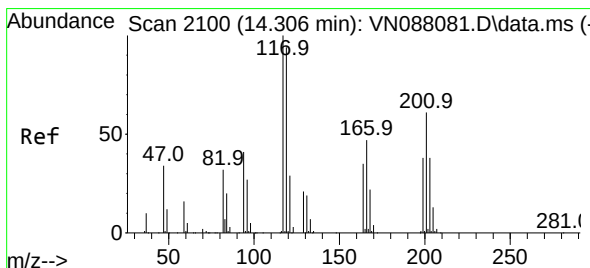
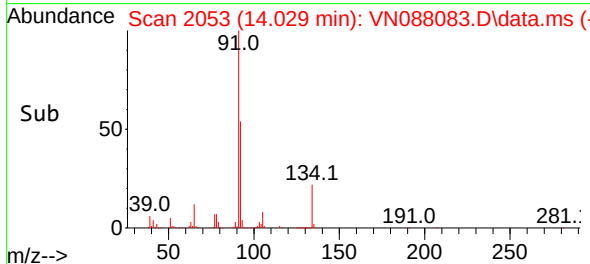
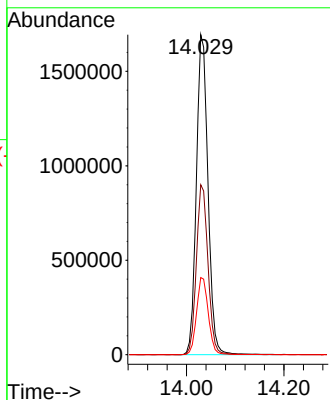
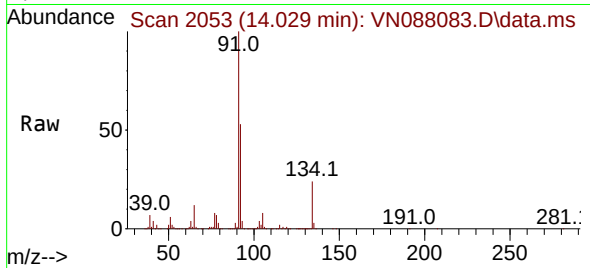
#89
n-Butylbenzene
Concen: 167.487 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 281141
Ion Ratio Lower Upper
91 100
92 53.3 25.9 77.8
134 24.5 11.7 35.0

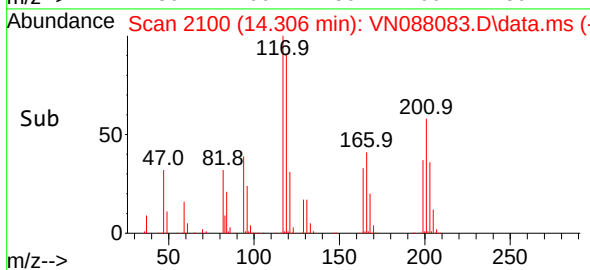
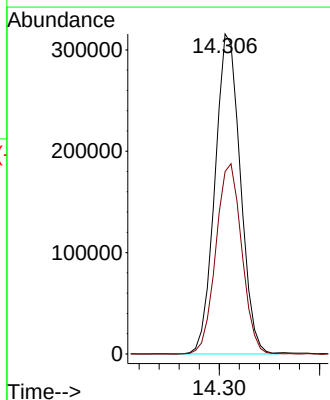
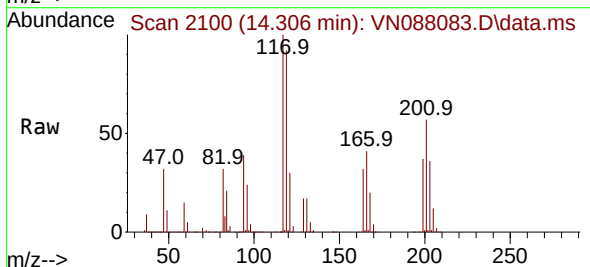
Manual Integrations
APPROVED

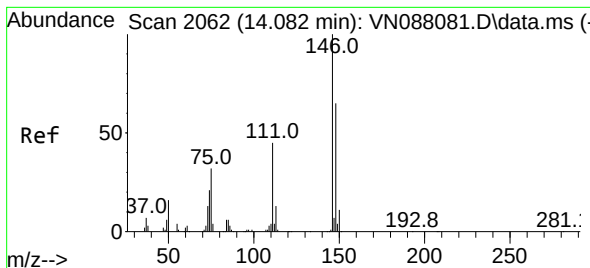
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 168.991 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

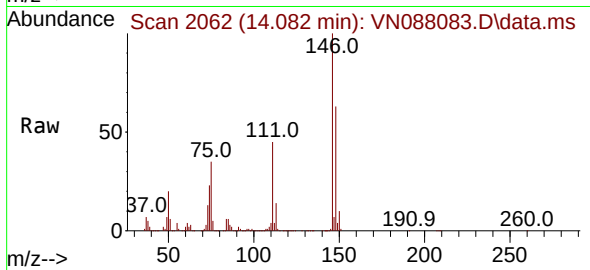
Tgt Ion:117 Resp: 554569
Ion Ratio Lower Upper
117 100
201 60.5 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 163.434 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

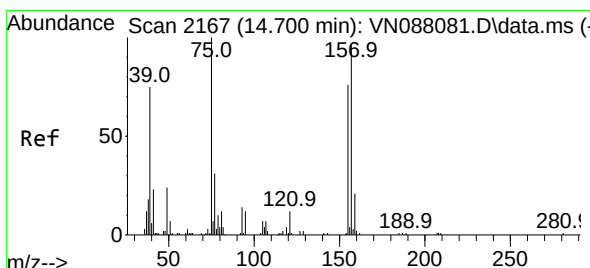
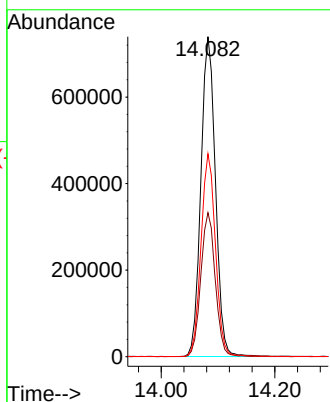
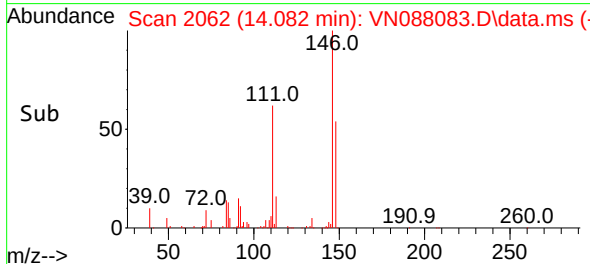
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



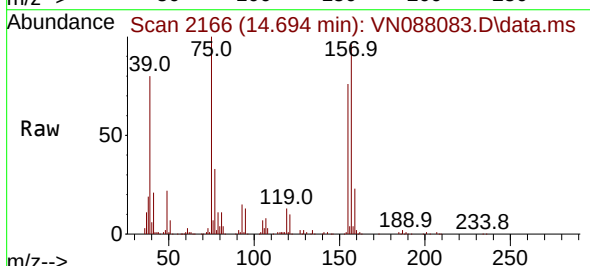
Tgt Ion:146 Resp: 1314340
Ion Ratio Lower Upper
146 100
111 44.7 22.6 67.8
148 63.1 31.9 95.9

Manual Integrations
APPROVED

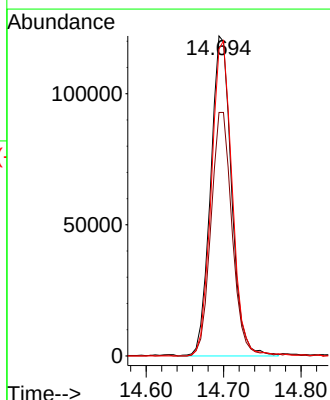
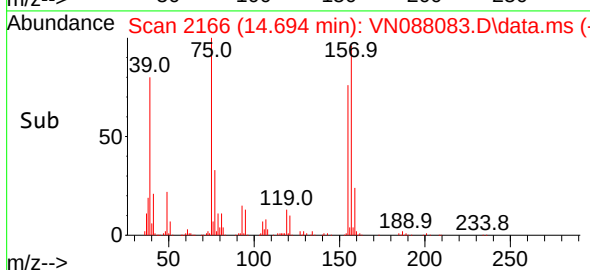
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

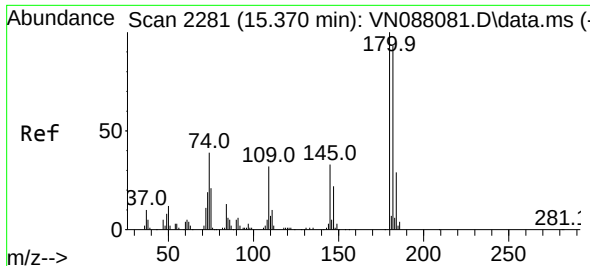


#92
1,2-Dibromo-3-Chloropropane
Concen: 163.663 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



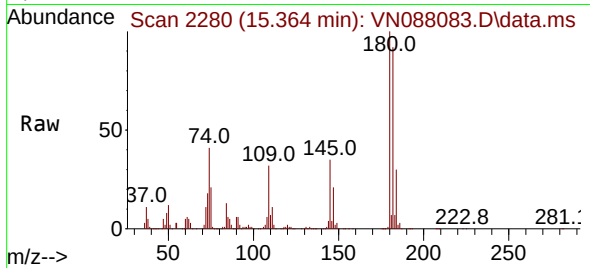
Tgt Ion: 75 Resp: 229843
Ion Ratio Lower Upper
75 100
155 76.5 36.6 109.9
157 97.6 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 171.067 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

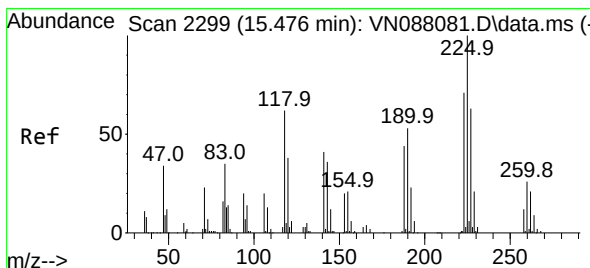
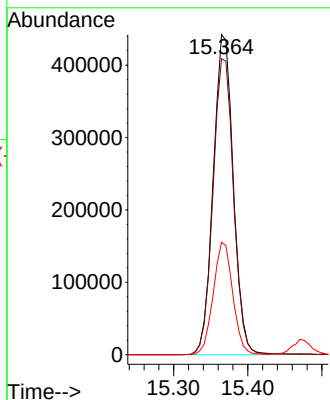
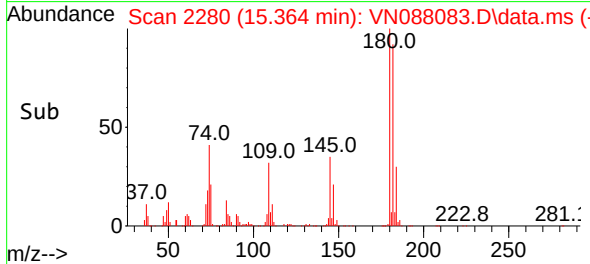
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



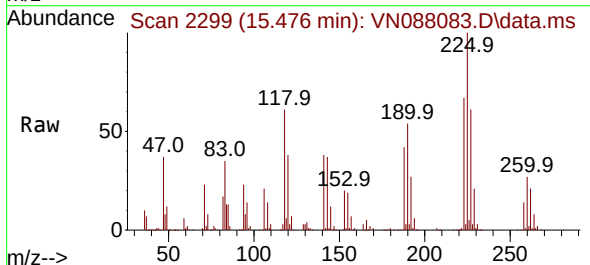
Tgt Ion:180 Resp: 833168
Ion Ratio Lower Upper
180 100
182 94.7 47.6 142.9
145 34.2 16.5 49.5

Manual Integrations
APPROVED

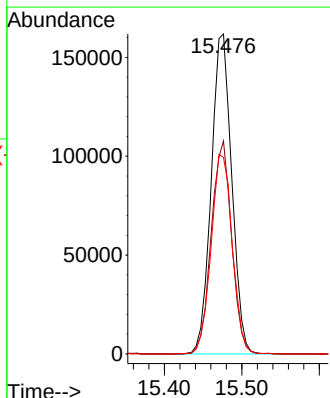
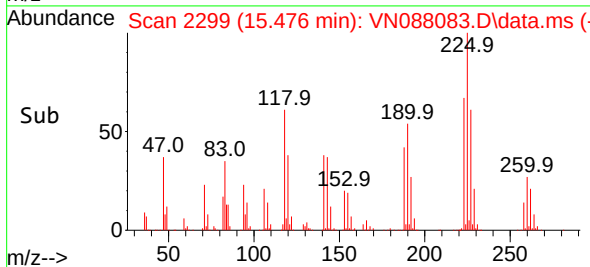
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

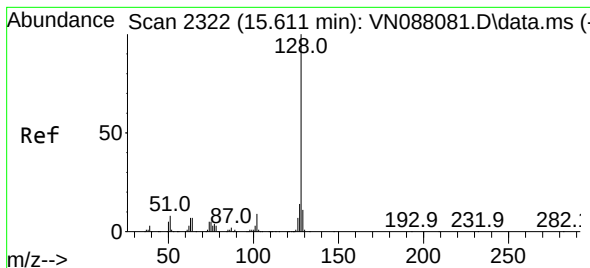


#94
Hexachlorobutadiene
Concen: 163.980 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



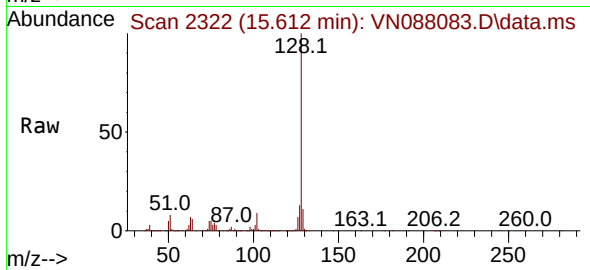
Tgt Ion:225 Resp: 297412
Ion Ratio Lower Upper
225 100
223 65.9 32.0 96.2
227 64.6 32.1 96.5





#95
Naphthalene
Concen: 180.155 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02

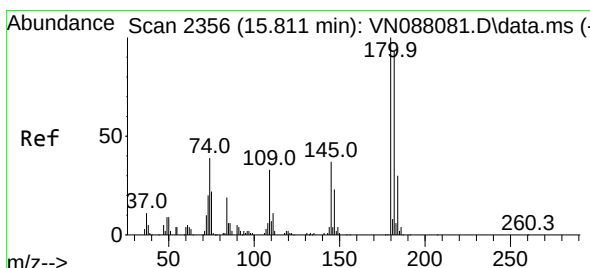
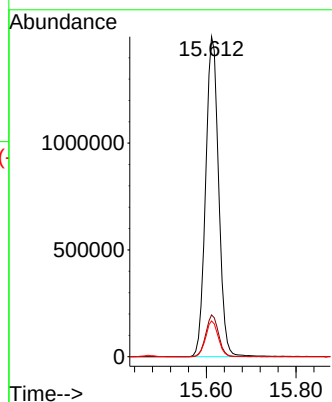
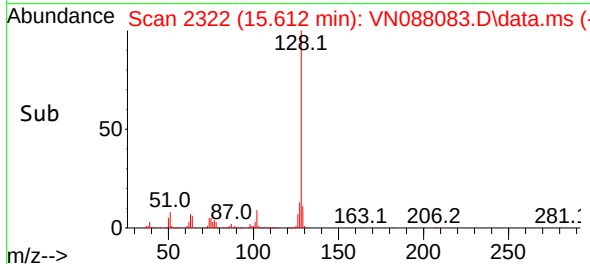
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



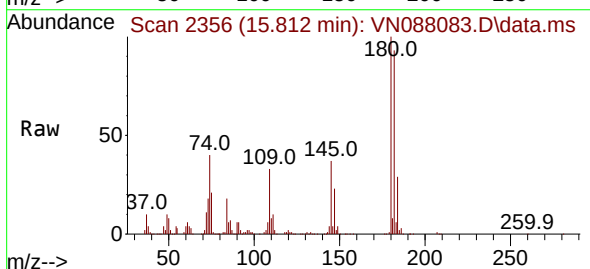
Tgt Ion:128 Resp: 300584
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.9 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 171.359 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088083.D
Acq: 23 Oct 2025 12:02



Tgt Ion:180 Resp: 800234
Ion Ratio Lower Upper
180 100
182 93.7 46.8 140.3
145 35.8 17.3 52.0

