

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088082.D
 Acq On : 23 Oct 2025 11:41
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 02:43:27 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	328655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	610283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	541844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	276404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	540367	95.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 190.160%#			
35) Dibromofluoromethane	8.147	113	399554	97.454	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 194.900%#			
50) Toluene-d8	10.547	98	1566524	99.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 198.320%#			
62) 4-Bromofluorobenzene	12.829	95	569341	102.048	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 204.100%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	323877	87.364	ug/l	98
3) Chloromethane	2.383	50	380310	87.199	ug/l	99
4) Vinyl Chloride	2.536	62	419872	88.355	ug/l	98
5) Bromomethane	2.959	94	255765	89.983	ug/l	99
6) Chloroethane	3.130	64	293645	85.765	ug/l	99
7) Trichlorofluoromethane	3.506	101	677579	89.398	ug/l	97
8) Diethyl Ether	3.959	74	262726	93.266	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	368583	94.241	ug/l	99
10) Methyl Iodide	4.577	142	443084	109.415	ug/l	99
11) Tert butyl alcohol	5.524	59	496669	507.281	ug/l	97
12) 1,1-Dichloroethene	4.330	96	359796	87.100	ug/l	96
13) Acrolein	4.177	56	535773	486.494	ug/l	100
14) Allyl chloride	5.012	41	739017	102.372	ug/l	97
15) Acrylonitrile	5.706	53	1398460	524.363	ug/l	98
16) Acetone	4.424	43	1352111	473.573	ug/l	95
17) Carbon Disulfide	4.700	76	1260006	100.343	ug/l	97
18) Methyl Acetate	5.012	43	588757	100.725	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	1557573	102.672	ug/l	99
20) Methylene Chloride	5.265	84	465262	103.852	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	442419	96.858	ug/l	97
22) Diisopropyl ether	6.659	45	1405211	92.284	ug/l	99
23) Vinyl Acetate	6.588	43	6435529	469.193	ug/l	100
24) 1,1-Dichloroethane	6.553	63	750482	88.975	ug/l	98
25) 2-Butanone	7.471	43	1695926	455.416	ug/l	99
26) 2,2-Dichloropropane	7.471	77	672222	87.699	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	456379	87.431	ug/l	97
28) Bromochloromethane	7.800	49	392057	98.372	ug/l	97
29) Tetrahydrofuran	7.824	42	1118711	456.222	ug/l	99
30) Chloroform	7.953	83	763656	90.626	ug/l	100
31) Cyclohexane	8.241	56	693259	87.146	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	666712	88.836	ug/l	97
36) 1,1-Dichloropropene	8.353	75	552930	92.365	ug/l	98
37) Ethyl Acetate	7.547	43	706621	91.855	ug/l	98
38) Carbon Tetrachloride	8.347	117	573295	92.723	ug/l	96
39) Methylcyclohexane	9.582	83	705005	91.622	ug/l	96
40) Benzene	8.588	78	1675215	91.888	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	361660	88.949	ug/l	98
42) 1,2-Dichloroethane	8.653	62	585932	90.453	ug/l	100
43) Isopropyl Acetate	8.671	43	1114940	93.923	ug/l	98
44) Trichloroethene	9.335	130	388649	91.204	ug/l	94
45) 1,2-Dichloropropane	9.600	63	414728	90.107	ug/l	99
46) Dibromomethane	9.688	93	300542	91.556	ug/l	99
47) Bromodichloromethane	9.871	83	608546	92.594	ug/l #	98
48) Methyl methacrylate	9.665	41	518783	92.006	ug/l	97
49) 1,4-Dioxane	9.682	88	129011	1892.672	ug/l #	99
51) 4-Methyl-2-Pentanone	10.423	43	3369067	479.746	ug/l	99
52) Toluene	10.606	92	1051747	93.569	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	682584	97.583	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	716101	96.477	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	386802	90.704	ug/l	98
56) Ethyl methacrylate	10.853	69	690302	102.440	ug/l	96
57) 1,3-Dichloropropane	11.141	76	698638	93.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1711029	487.433	ug/l	99
59) 2-Hexanone	11.176	43	2389312	518.272	ug/l	99
60) Dibromochloromethane	11.335	129	460237	94.953	ug/l	100
61) 1,2-Dibromoethane	11.447	107	413544	94.227	ug/l	99
64) Tetrachloroethene	11.082	164	322496	90.231	ug/l	97
65) Chlorobenzene	11.870	112	1141556	92.783	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	377142	93.562	ug/l	99
67) Ethyl Benzene	11.941	91	2030094	94.000	ug/l	99
68) m/p-Xylenes	12.047	106	1533978	189.570	ug/l	97
69) o-Xylene	12.376	106	741253	96.633	ug/l	98
70) Styrene	12.388	104	1262211	100.907	ug/l	99
71) Bromoform	12.559	173	299375	99.521	ug/l #	98
73) Isopropylbenzene	12.676	105	1978907	92.826	ug/l	99
74) N-amyl acetate	12.488	43	604970	95.060	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.917	83	596827	89.923	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	560461m	94.724	ug/l	
77) Bromobenzene	12.959	156	436345	94.918	ug/l	98
78) n-propylbenzene	13.012	91	2451982	94.250	ug/l	98
79) 2-Chlorotoluene	13.100	91	1406851	94.825	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	1673751	94.536	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	222990	98.182	ug/l #	79
82) 4-Chlorotoluene	13.200	91	1449779	90.321	ug/l	97
83) tert-Butylbenzene	13.417	119	1462710	92.484	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	1665233	94.006	ug/l	99
85) sec-Butylbenzene	13.594	105	2145645	92.338	ug/l	100
86) p-Isopropyltoluene	13.706	119	1752529	94.017	ug/l	100
87) 1,3-Dichlorobenzene	13.711	146	848480	92.456	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	874733	88.514	ug/l	99
89) n-Butylbenzene	14.035	91	1745999	94.560	ug/l	99
90) Hexachloroethane	14.311	117	337079	93.379	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	812199	91.813	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	134329	86.956	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	498767	93.098	ug/l	99
94) Hexachlorobutadiene	15.476	225	176342	88.389	ug/l	98
95) Naphthalene	15.611	128	1770584	96.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	468875	91.276	ug/l	98

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MSVOA_N
ClientSampleId :
VSTDICC100

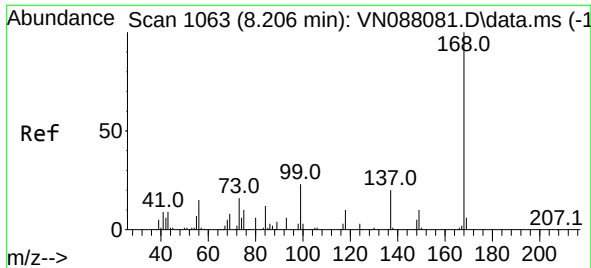
Manual Integrations
APPROVED

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Response via : Initial Calibration

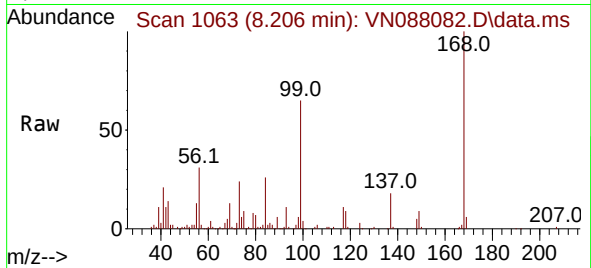
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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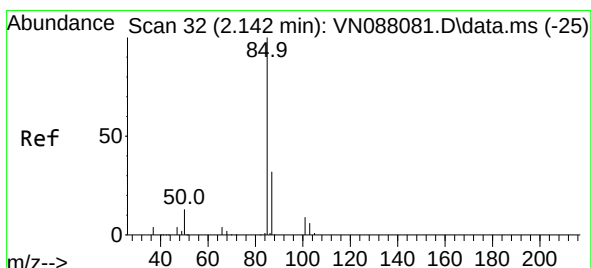
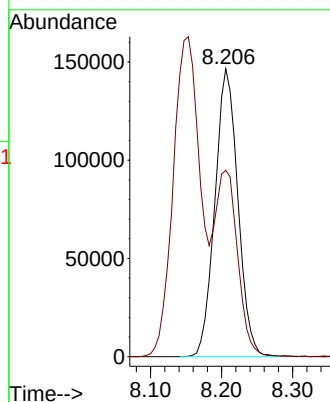
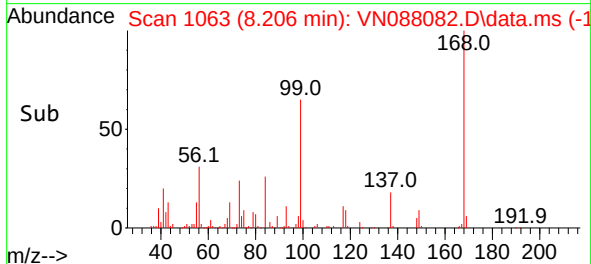
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 32865
Ion Ratio Lower Upper
168 100
99 64.4 57.2 85.8

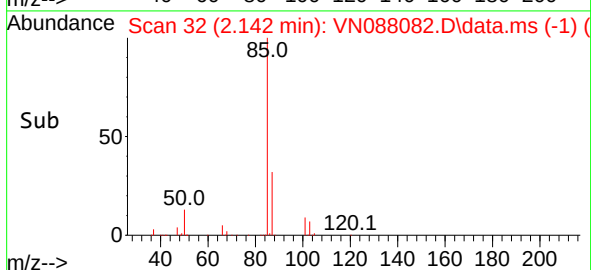
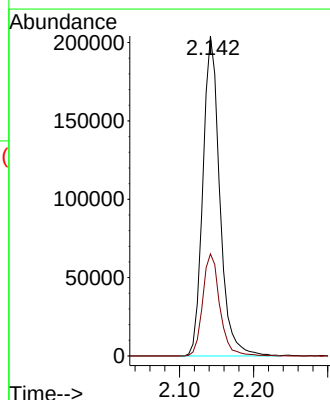
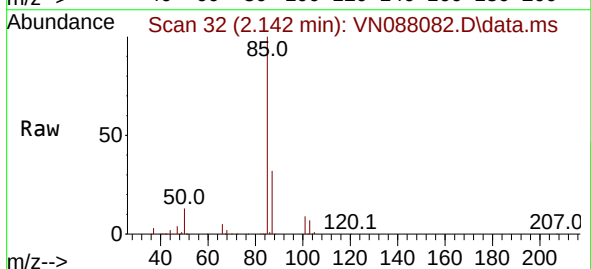
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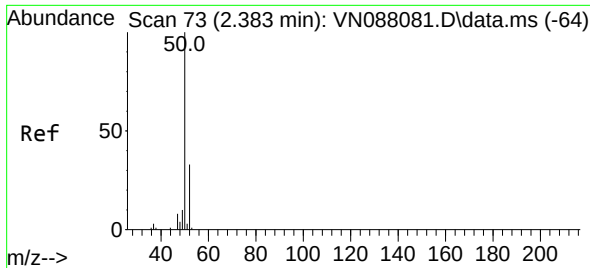
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 87.364 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

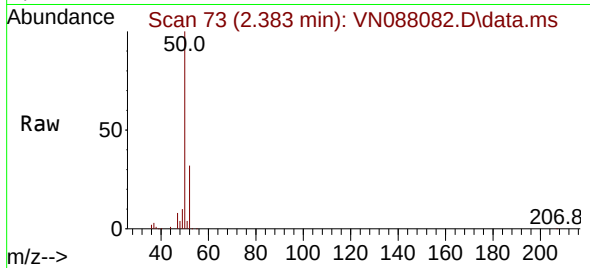
Tgt Ion: 85 Resp: 323877
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.8





#3
Chloromethane
Concen: 87.199 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

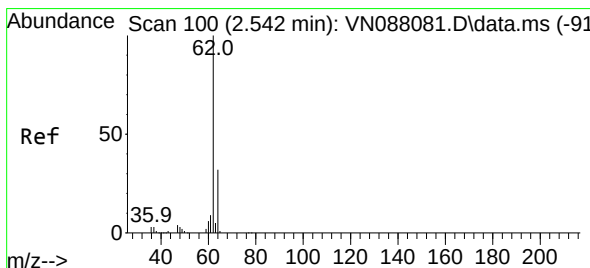
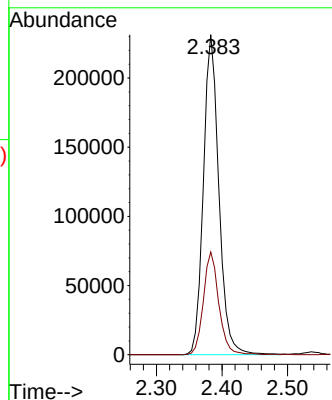
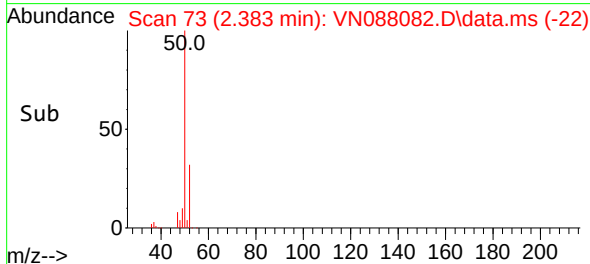
Instrument :
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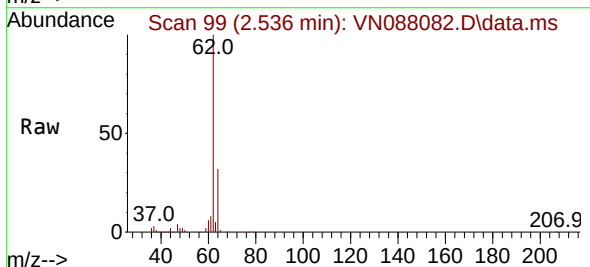
Tgt Ion: 50 Resp: 380310
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.4

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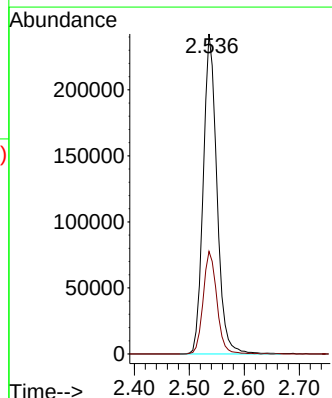
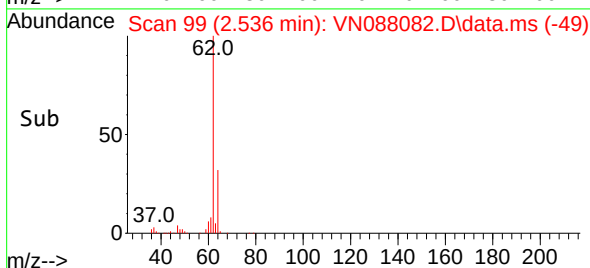
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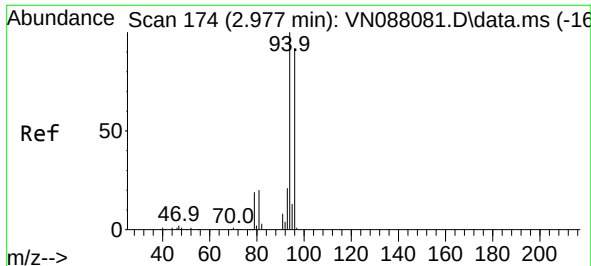


#4
Vinyl Chloride
Concen: 88.355 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



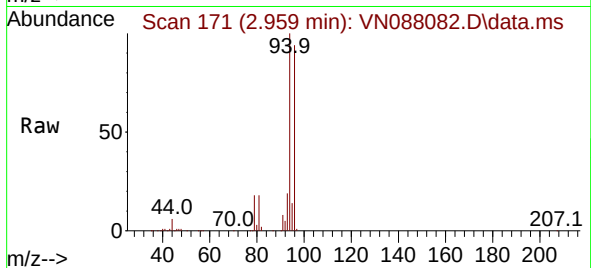
Tgt Ion: 62 Resp: 419872
Ion Ratio Lower Upper
62 100
64 32.0 24.6 37.0





#5
Bromomethane
Concen: 89.983 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN088082.D
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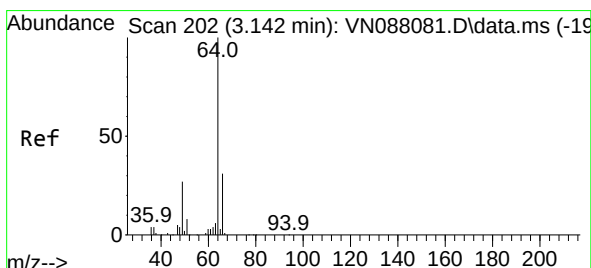
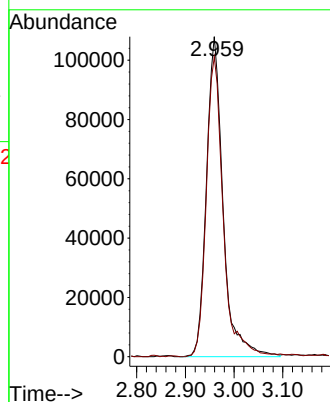
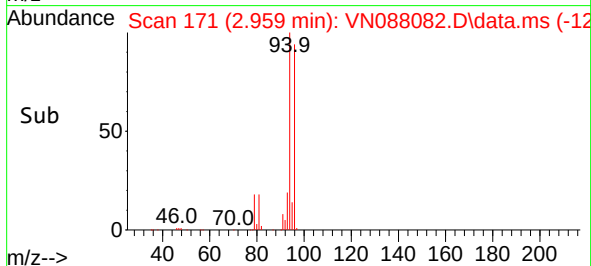
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 25576
Ion Ratio Lower Upper
94 100
96 93.7 75.4 113.2

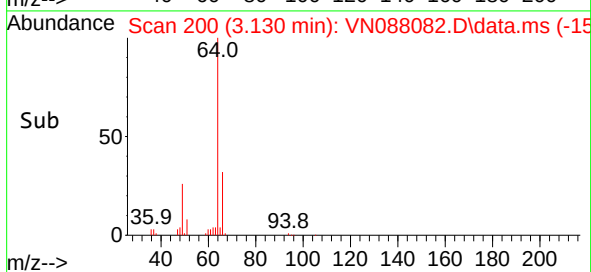
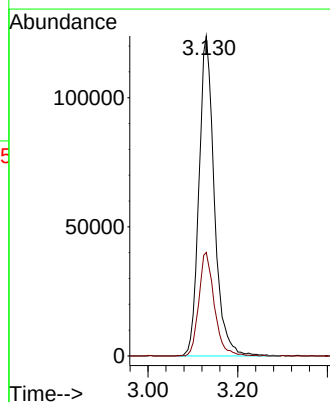
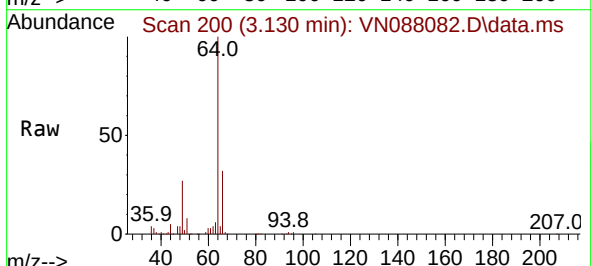
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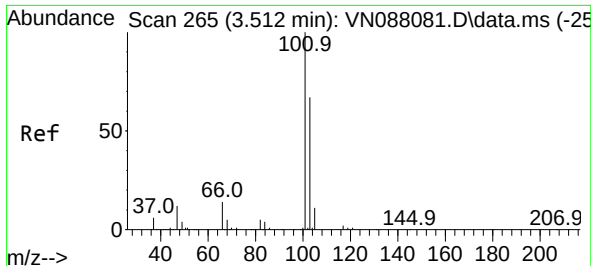
Reviewed By :John Carlone 10/24/2025
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#6
Chloroethane
Concen: 85.765 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN088082.D
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Tgt Ion: 64 Resp: 293645
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.2





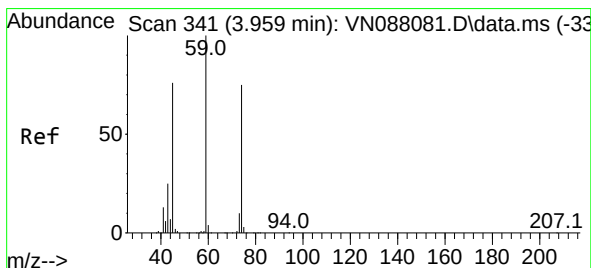
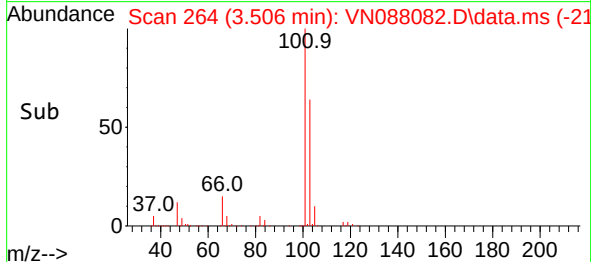
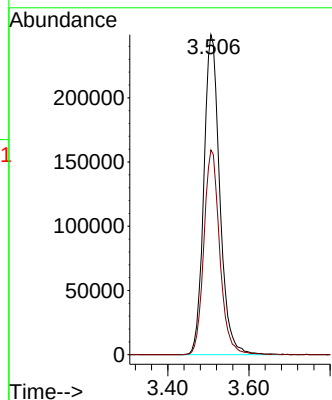
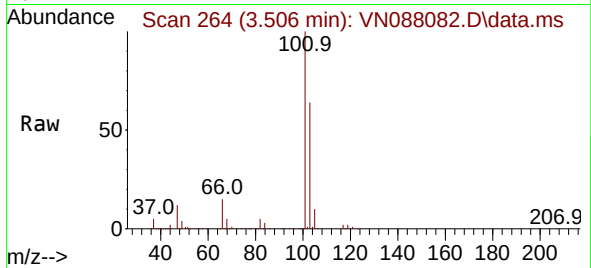
#7
Trichlorofluoromethane
Concen: 89.398 ug/l
RT: 3.506 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 677579
Ion Ratio Lower Upper
101 100
103 63.9 49.4 74.0

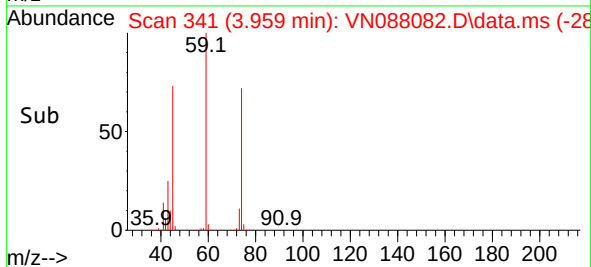
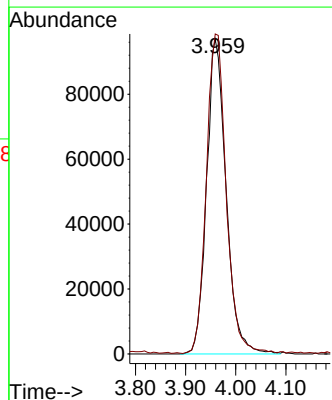
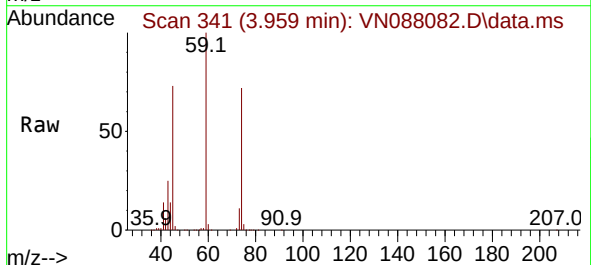
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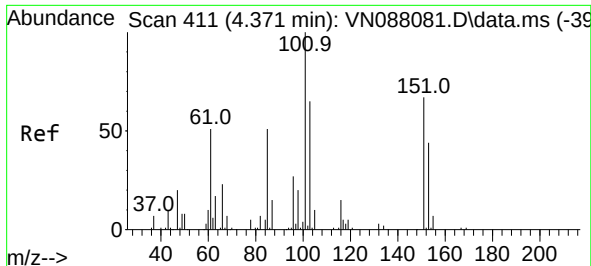
Reviewed By :John Carlone 10/24/2025
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#8
Diethyl Ether
Concen: 93.266 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Tgt Ion: 74 Resp: 262726
Ion Ratio Lower Upper
74 100
45 103.0 50.6 151.9





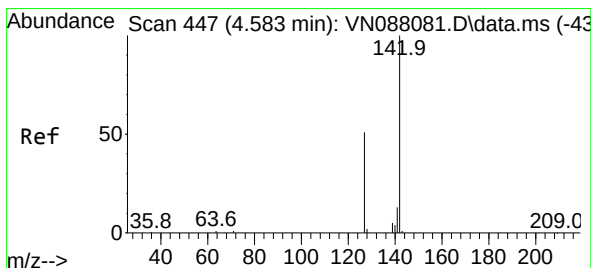
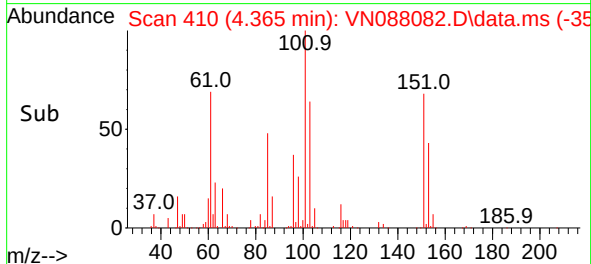
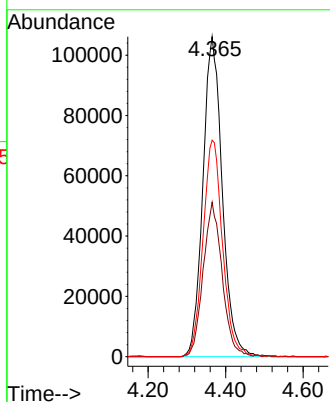
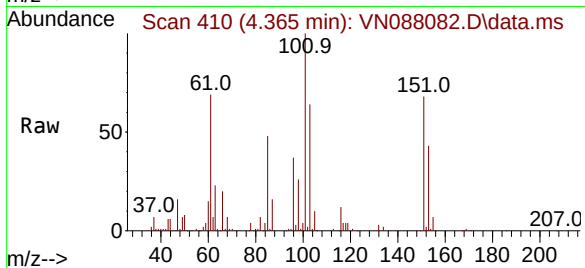
#9
1,1,2-Trichlorotrifluoroethane
Concen: 94.241 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 36858
Ion Ratio Lower Upper
101 100
85 47.2 36.6 55.0
151 68.3 54.7 82.1

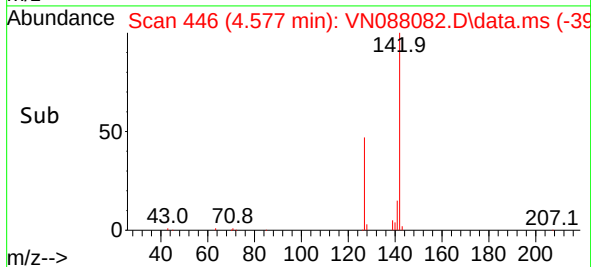
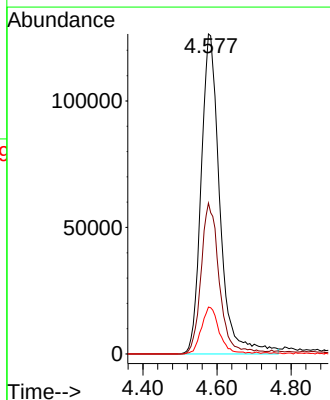
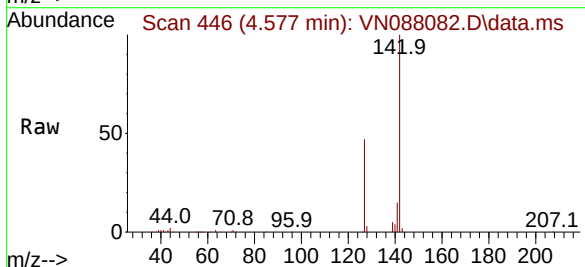
Manual Integrations
APPROVED

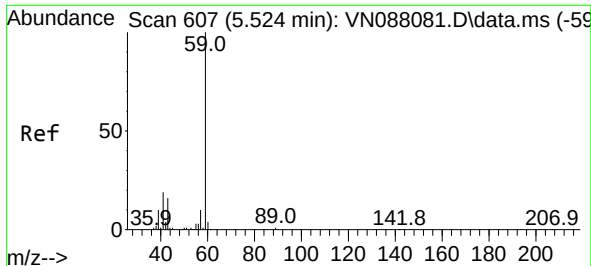
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 109.415 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

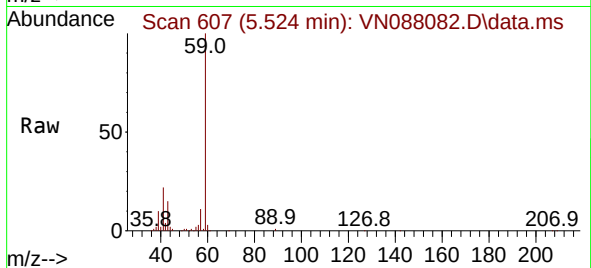
Tgt Ion:142 Resp: 443084
Ion Ratio Lower Upper
142 100
127 47.1 38.0 57.0
141 14.6 12.0 18.0





#11
Tert butyl alcohol
Concen: 507.281 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

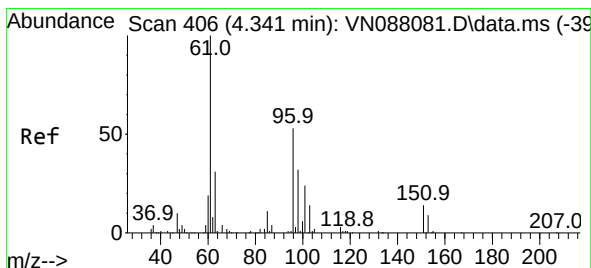
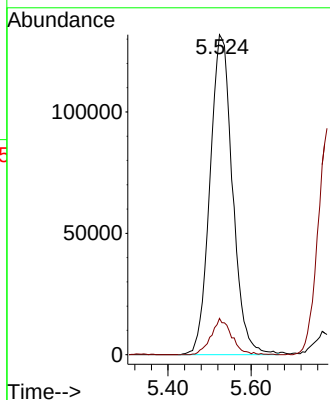
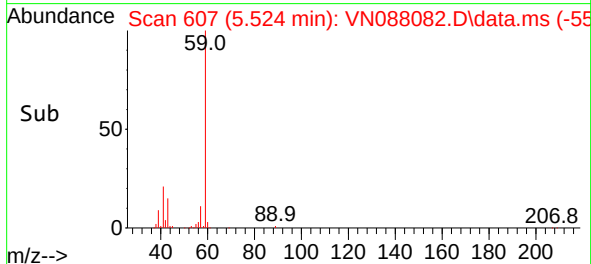
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



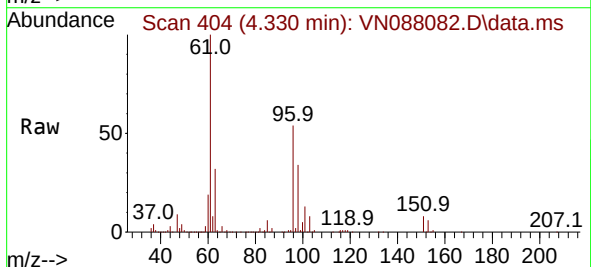
Tgt Ion: 59 Resp: 496669
Ion Ratio Lower Upper
59 100
57 10.2 9.0 13.4

Manual Integrations
APPROVED

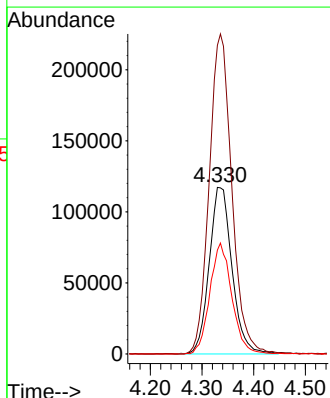
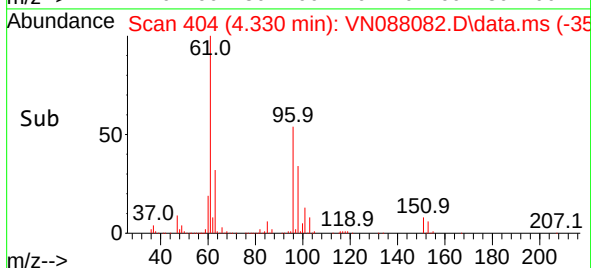
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

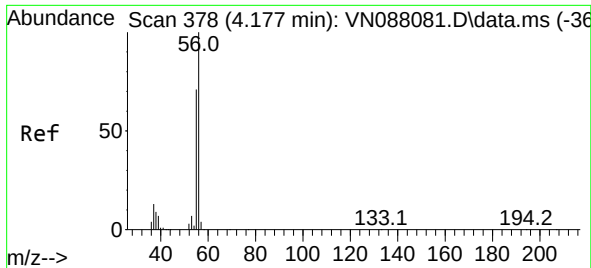


#12
1,1-Dichloroethene
Concen: 87.100 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



Tgt Ion: 96 Resp: 359796
Ion Ratio Lower Upper
96 100
61 185.3 143.8 215.8
98 62.3 52.1 78.1





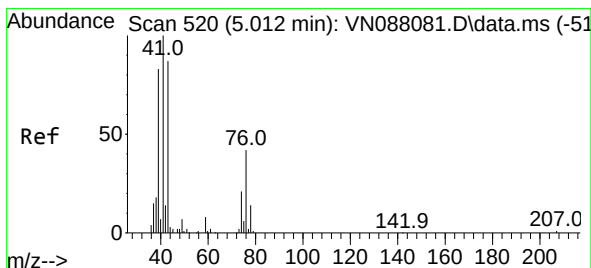
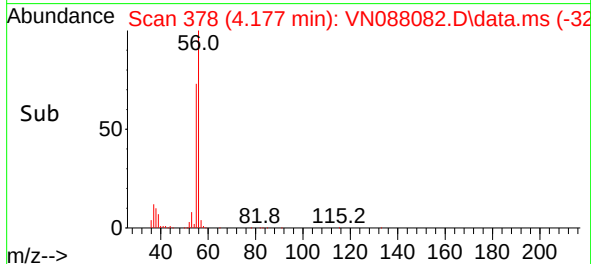
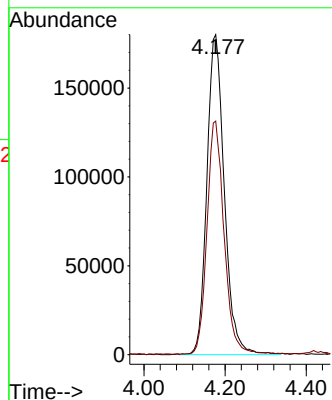
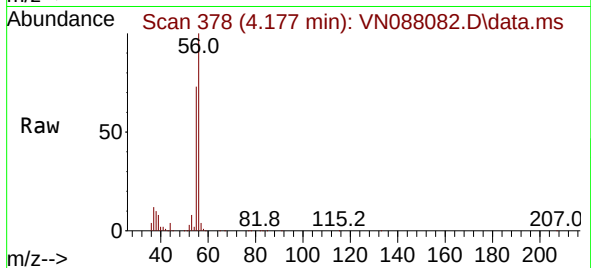
#13
Acrolein
Concen: 486.494 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 53577
Ion Ratio Lower Upper
56 100
55 71.7 57.3 85.9

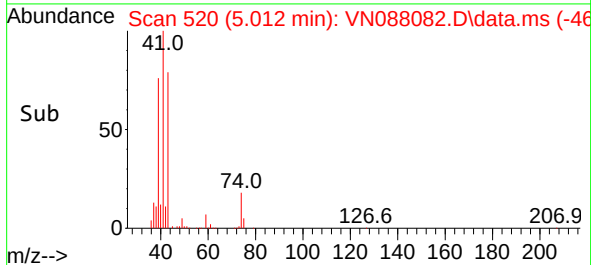
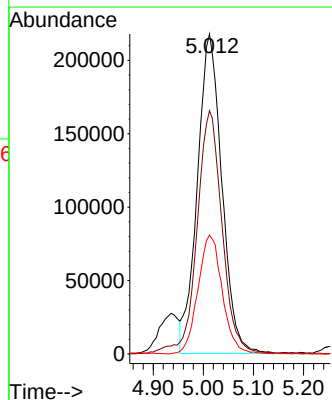
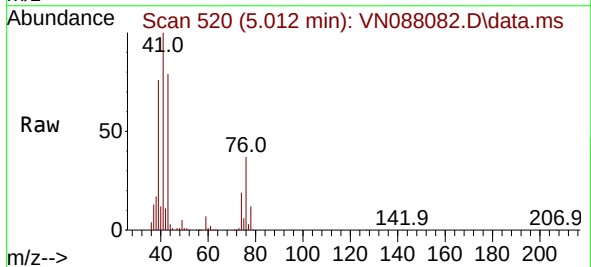
Manual Integrations
APPROVED

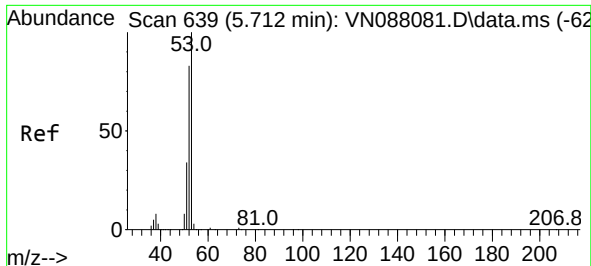
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#14
Allyl chloride
Concen: 102.372 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

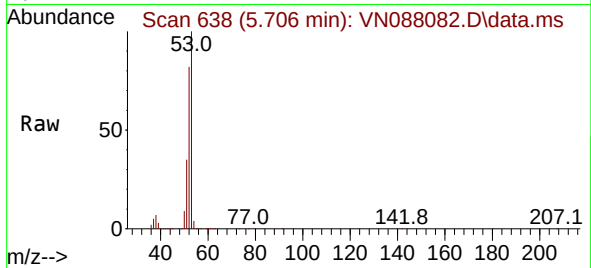
Tgt Ion: 41 Resp: 739017
Ion Ratio Lower Upper
41 100
39 77.7 63.9 95.9
76 37.0 28.1 42.1





#15
Acrylonitrile
Concen: 524.363 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

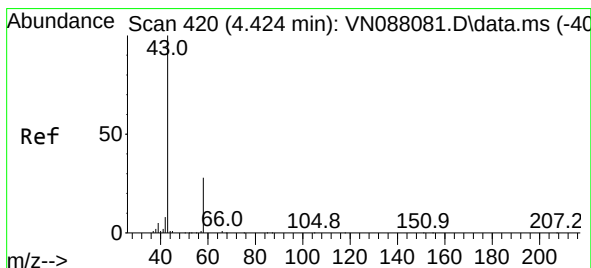
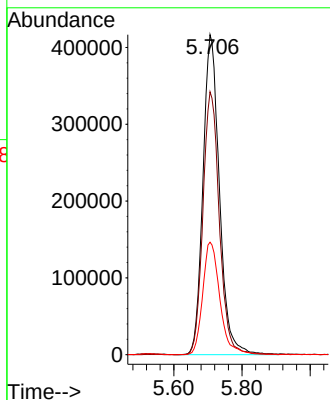
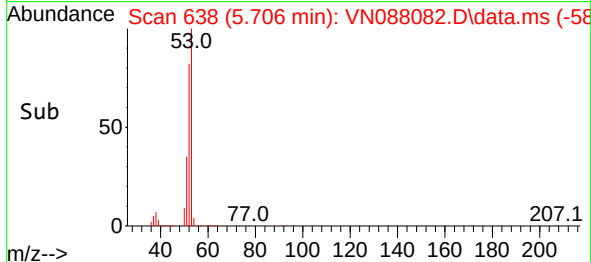
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 1398460
Ion Ratio Lower Upper
53 100
52 82.1 67.6 101.4
51 36.8 30.1 45.1

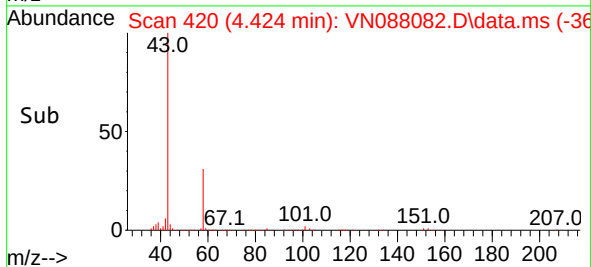
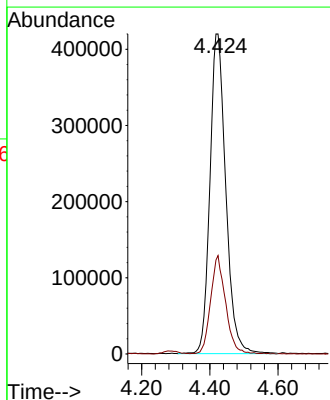
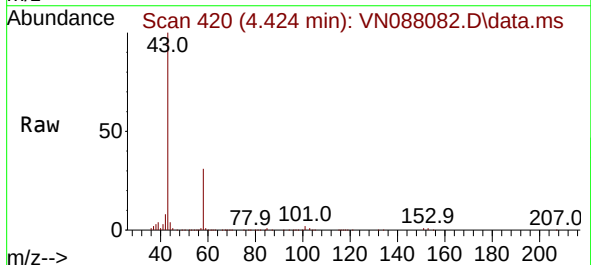
Manual Integrations
APPROVED

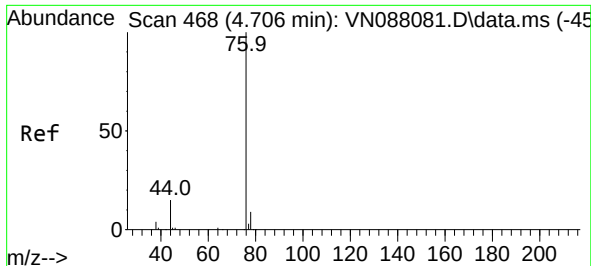
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 473.573 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Tgt Ion: 43 Resp: 1352111
Ion Ratio Lower Upper
43 100
58 30.7 22.6 33.8





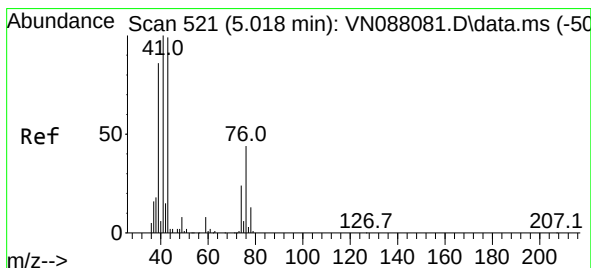
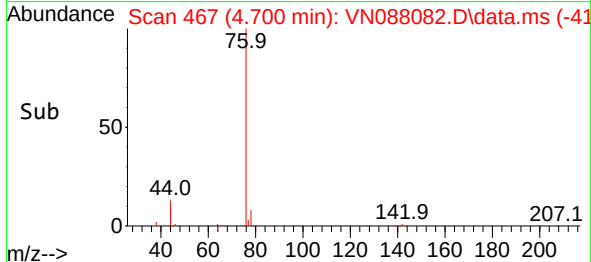
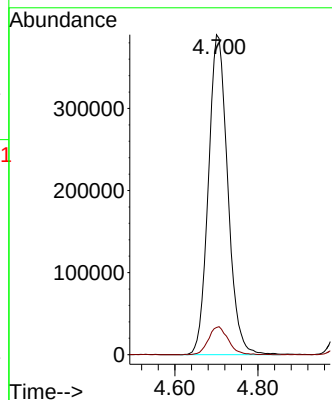
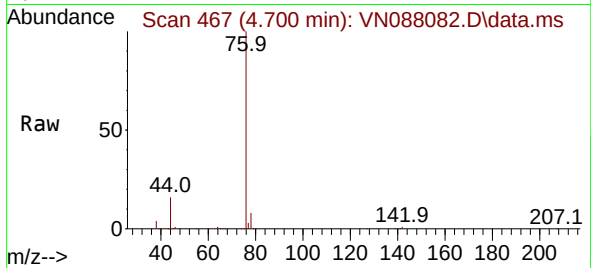
#17
Carbon Disulfide
Concen: 100.343 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 1260000
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4

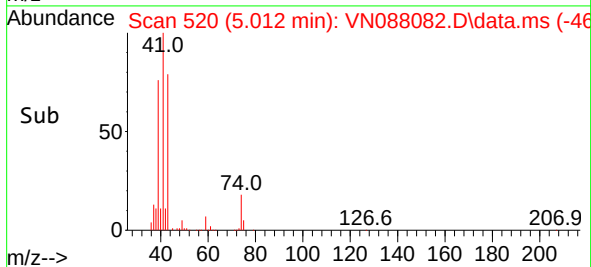
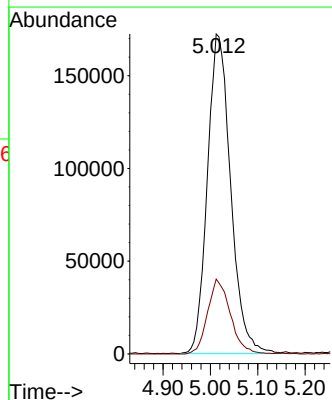
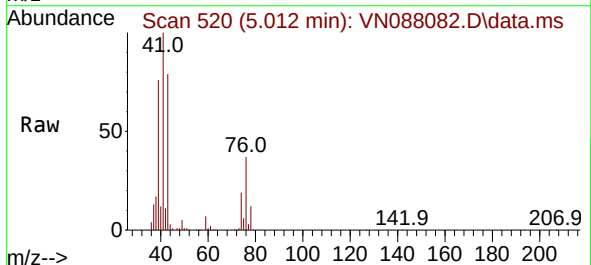
Manual Integrations
APPROVED

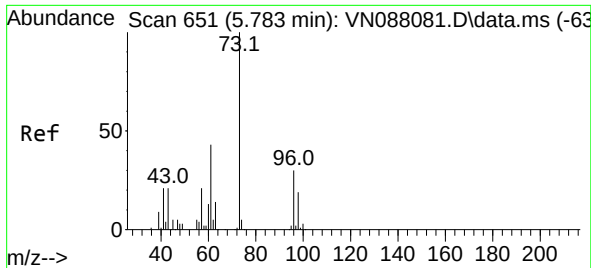
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 100.725 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Tgt Ion: 43 Resp: 588757
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4





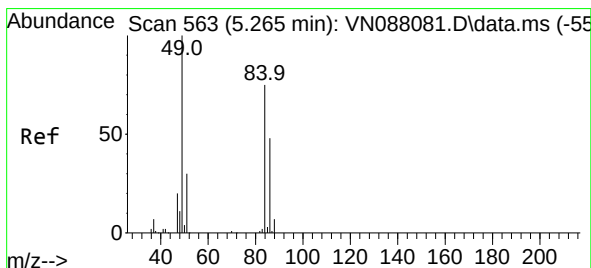
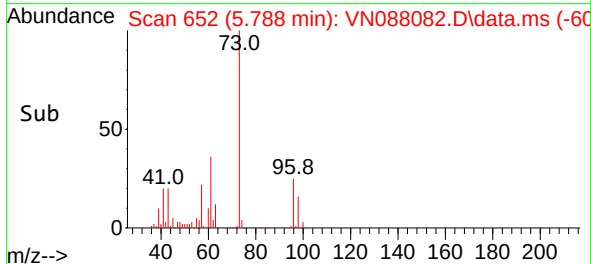
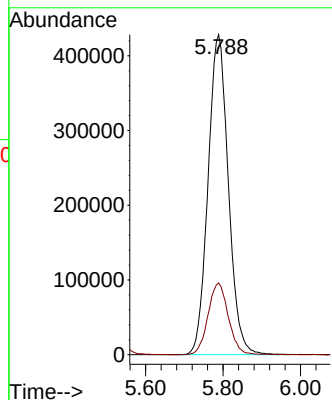
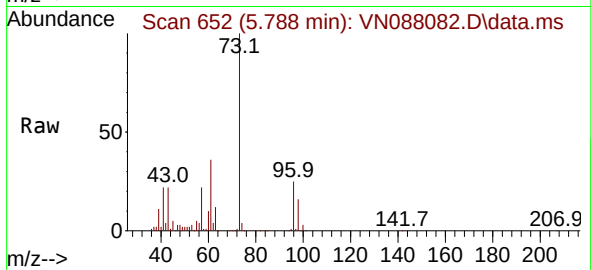
#19
Methyl tert-butyl Ether
Concen: 102.672 ug/l
RT: 5.788 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 155757
Ion Ratio Lower Upper
73 100
57 22.3 18.4 27.6

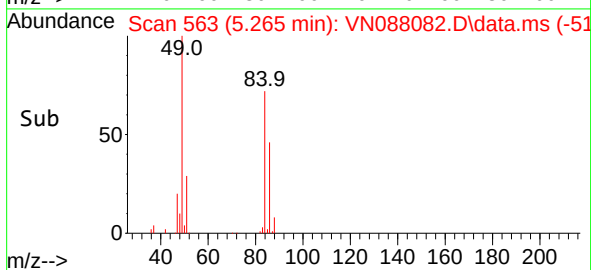
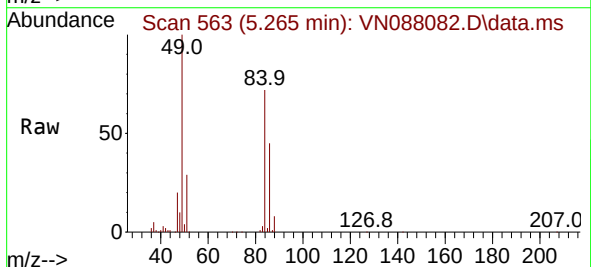
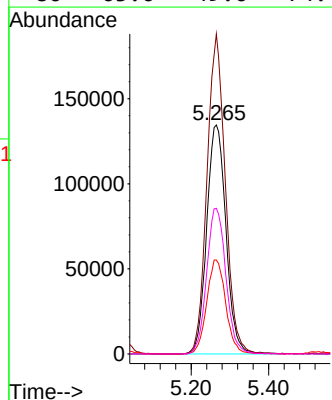
Manual Integrations
APPROVED

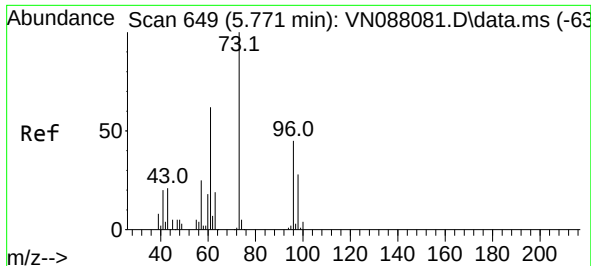
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 103.852 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

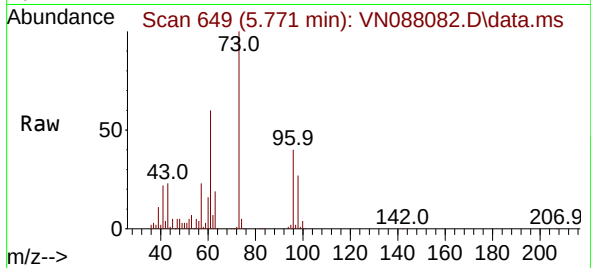
Tgt Ion: 84 Resp: 465262
Ion Ratio Lower Upper
84 100
49 139.8 103.4 155.2
51 41.0 33.8 50.8
86 63.6 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 96.858 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

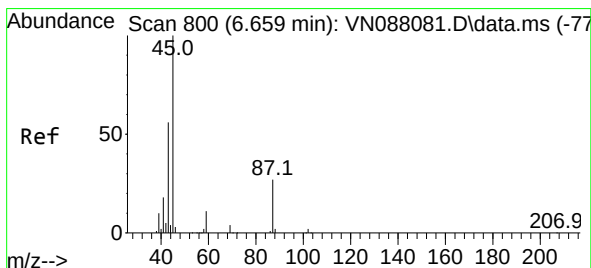
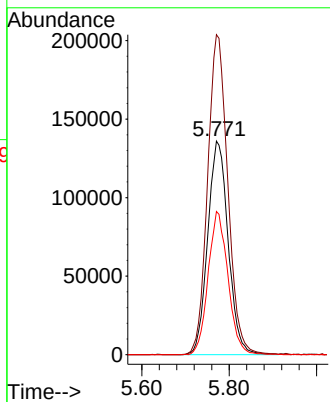
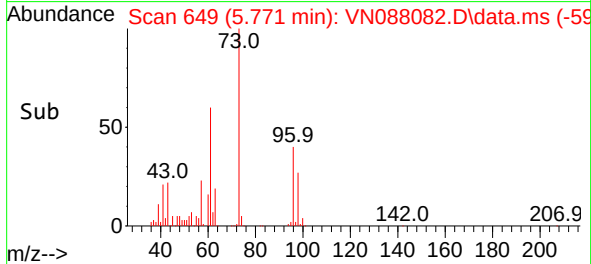
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 442419
Ion Ratio Lower Upper
96 100
61 149.8 118.0 177.0
98 67.0 50.0 75.0

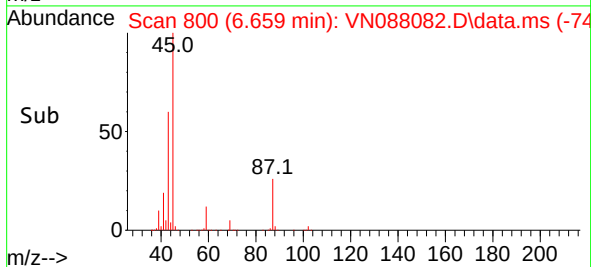
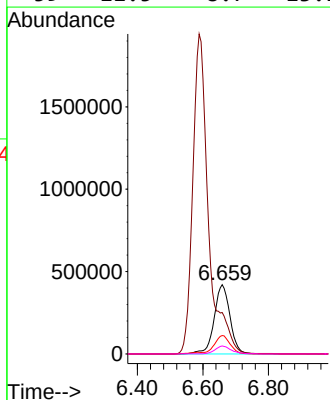
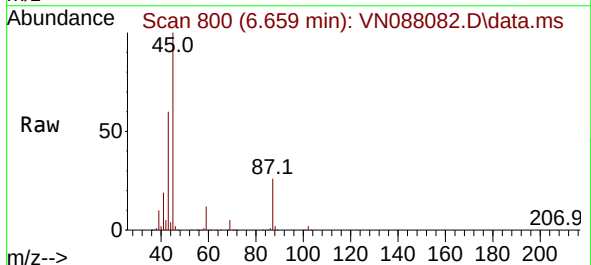
Manual Integrations
APPROVED

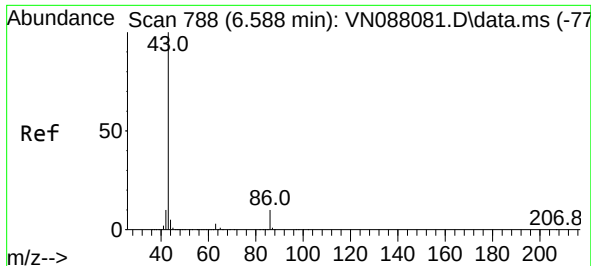
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 92.284 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Tgt Ion: 45 Resp: 1405211
Ion Ratio Lower Upper
45 100
43 59.3 47.7 71.5
87 26.5 21.4 32.0
59 11.5 8.7 13.1





#23
 Vinyl Acetate
 Concen: 469.193 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088082.D
 Acq: 23 Oct 2025 11:41

Instrument :

MSVOA_N

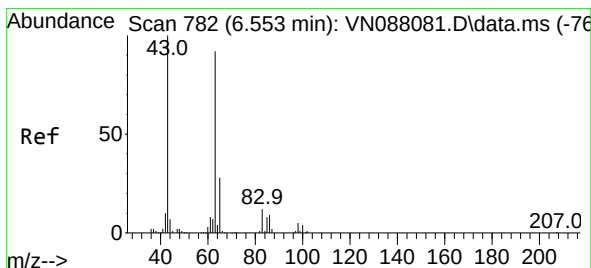
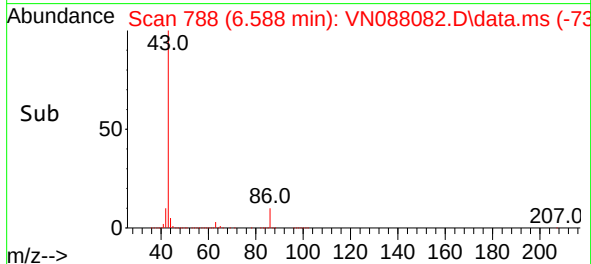
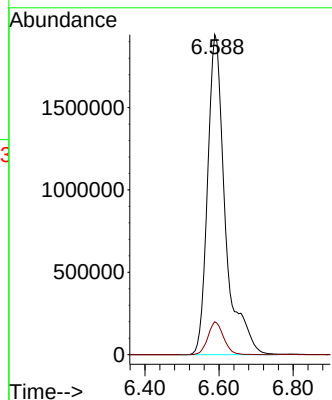
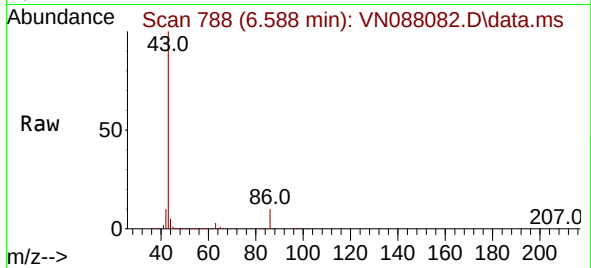
ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 6435529
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4

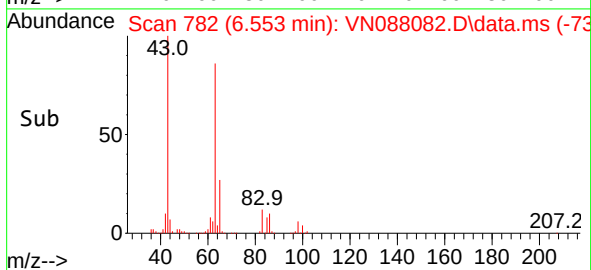
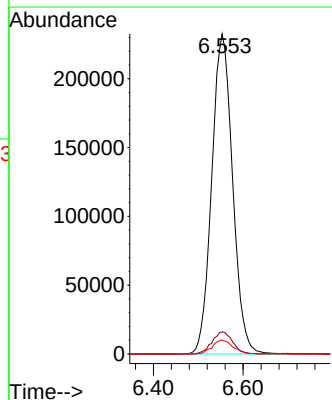
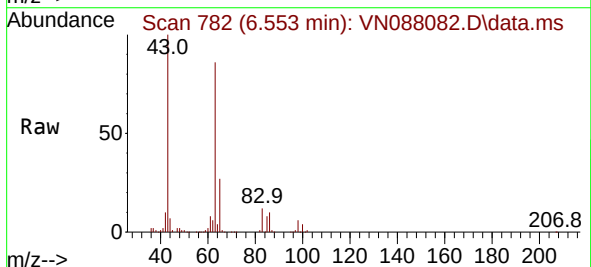
Manual Integrations
 APPROVED

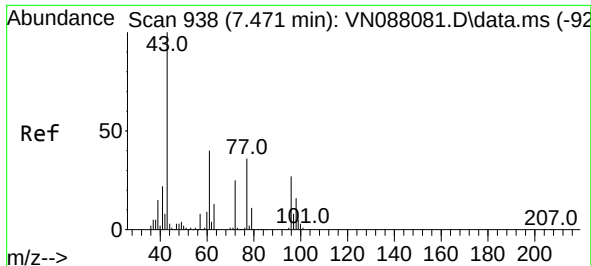
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 88.975 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088082.D
 Acq: 23 Oct 2025 11:41

Tgt Ion: 63 Resp: 750482
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.3 2.0 6.0





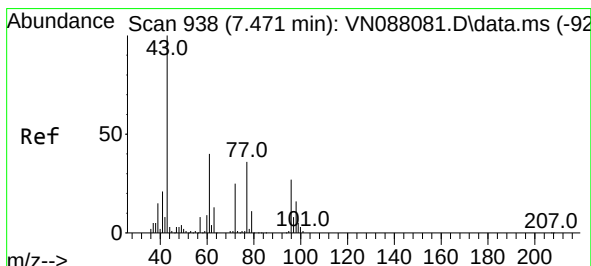
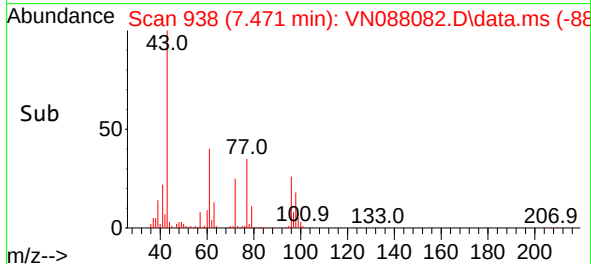
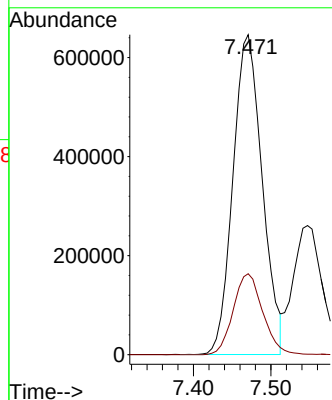
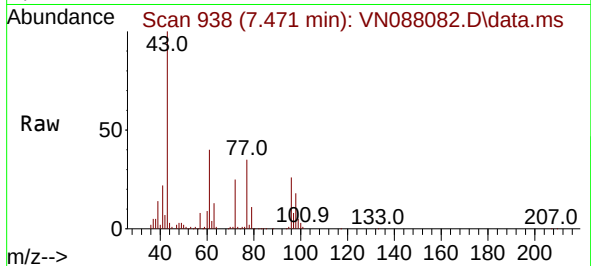
#25
2-Butanone
Concen: 455.416 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1695920
Ion Ratio Lower Upper
43 100
72 25.3 19.9 29.9

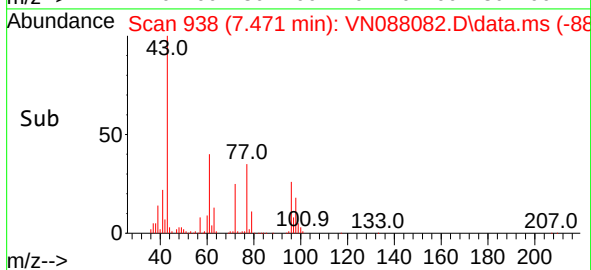
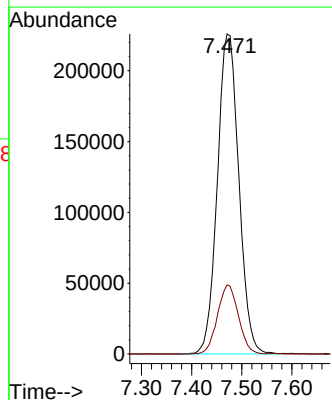
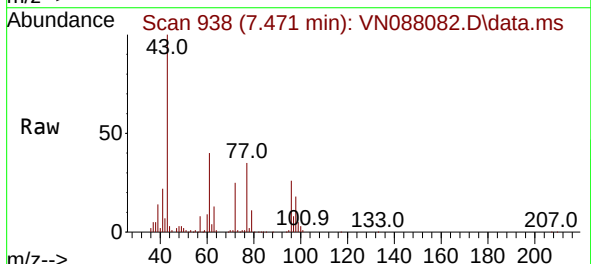
Manual Integrations
APPROVED

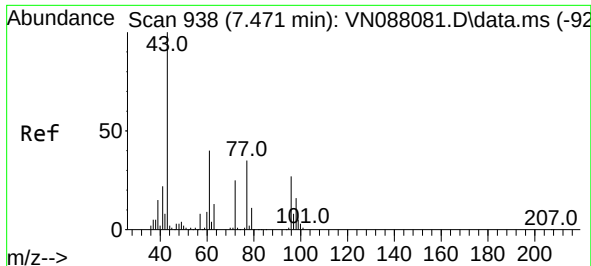
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 87.699 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

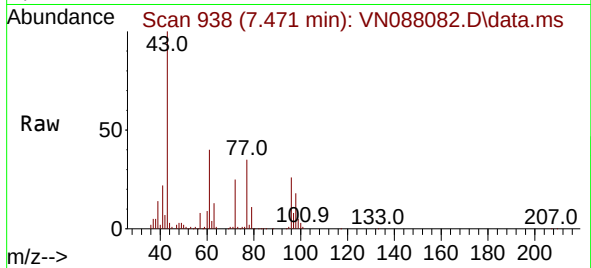
Tgt Ion: 77 Resp: 672222
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 87.431 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088082.D
 Acq: 23 Oct 2025 11:41

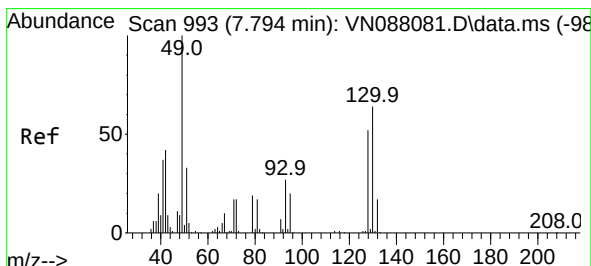
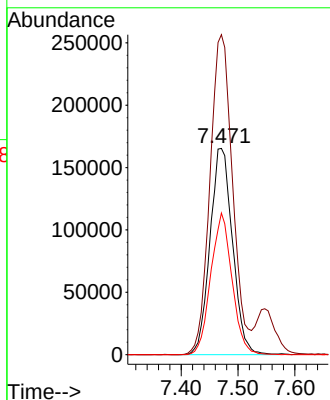
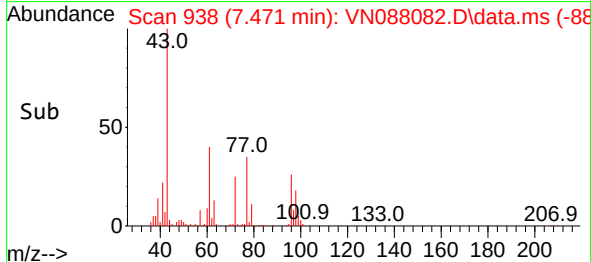
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 96 Resp: 456379
 Ion Ratio Lower Upper
 96 100
 61 155.7 0.0 301.8
 98 64.5 0.0 126.2

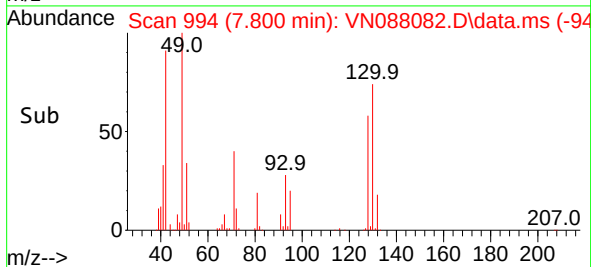
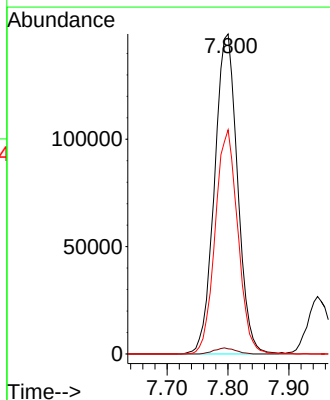
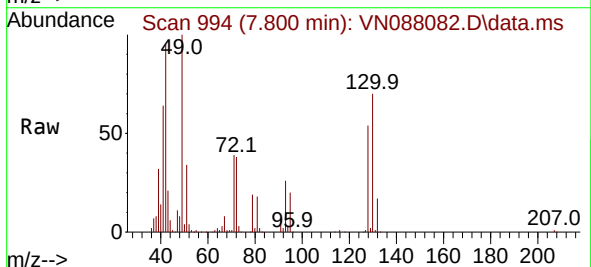
Manual Integrations
 APPROVED

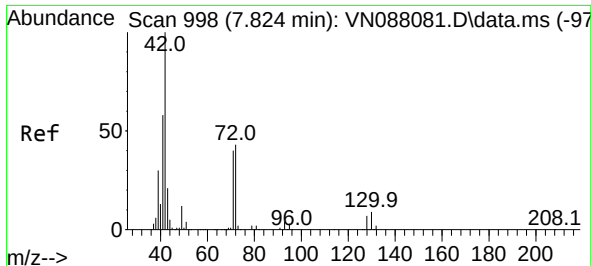
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#28
 Bromochloromethane
 Concen: 98.372 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN088082.D
 Acq: 23 Oct 2025 11:41

Tgt Ion: 49 Resp: 392057
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 68.9 53.1 79.7





#29

Tetrahydrofuran

Concen: 456.222 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088082.D

Acq: 23 Oct 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 111871

Ion Ratio Lower Upper

42 100

72 41.6 33.7 50.5

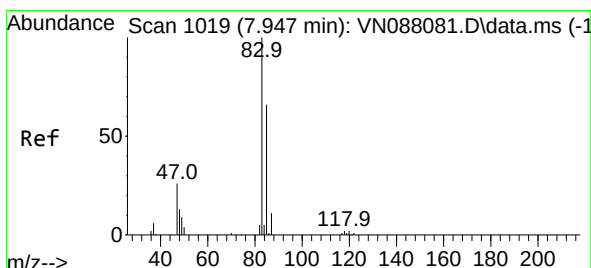
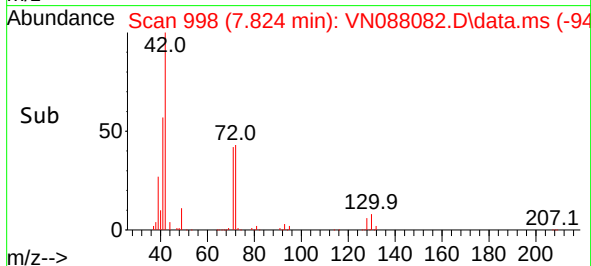
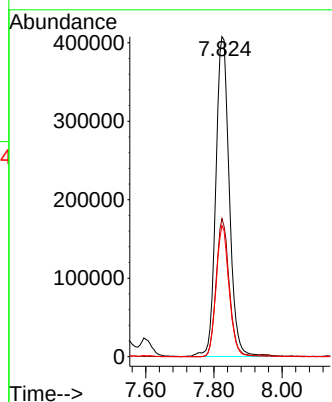
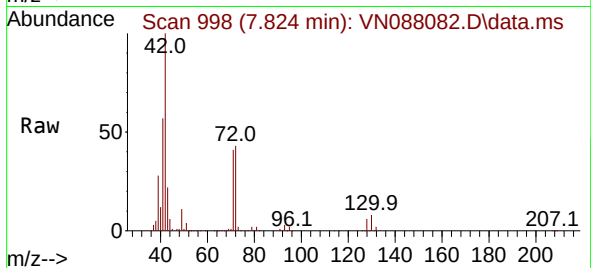
71 39.5 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#30

Chloroform

Concen: 90.626 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN088082.D

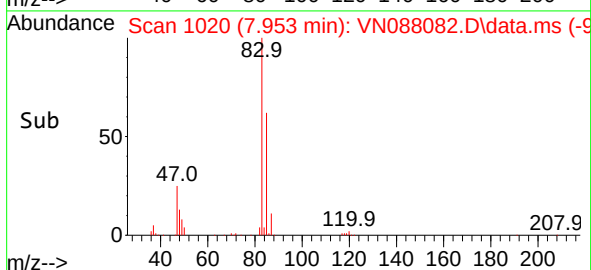
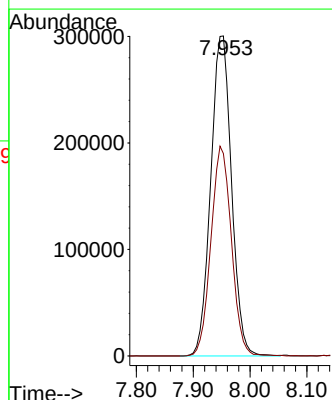
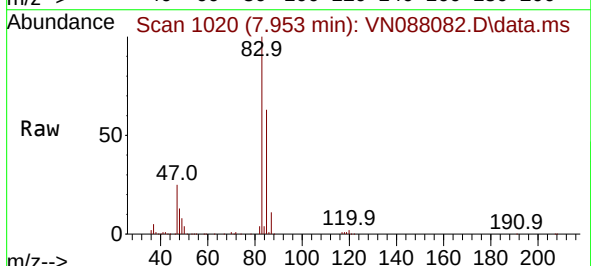
Acq: 23 Oct 2025 11:41

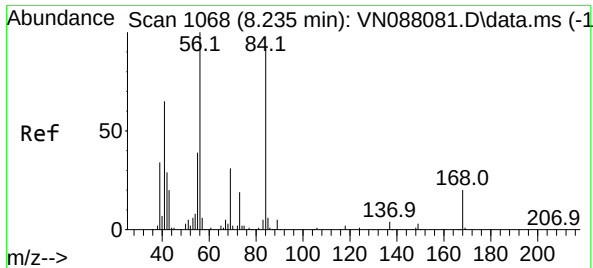
Tgt Ion: 83 Resp: 763656

Ion Ratio Lower Upper

83 100

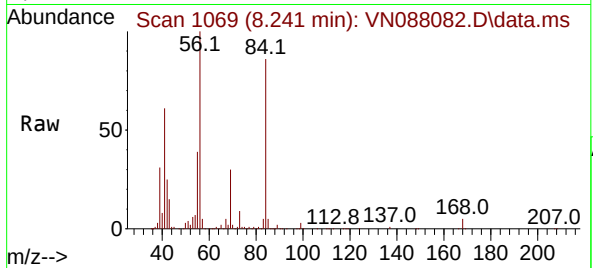
85 63.3 50.7 76.1





#31
Cyclohexane
Concen: 87.146 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

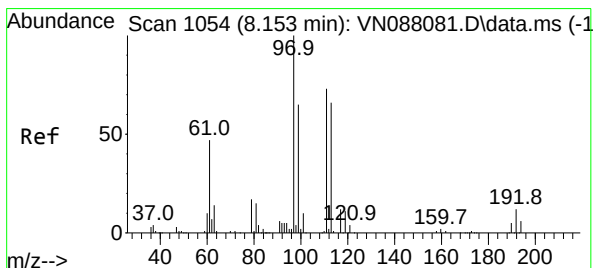
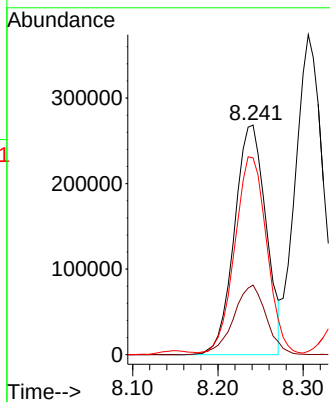
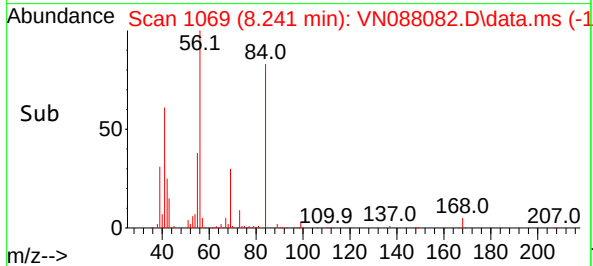
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 69325
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 84.0 64.7 97.1

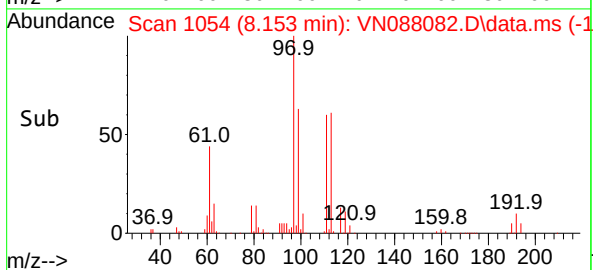
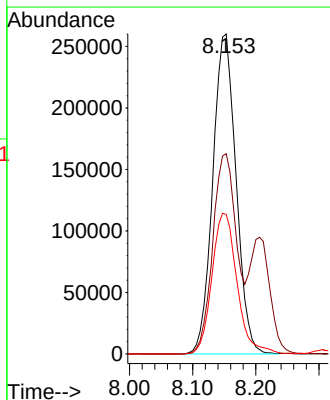
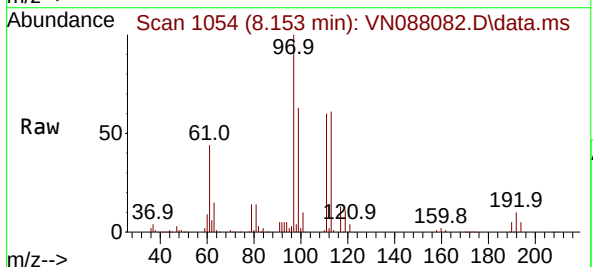
Manual Integrations
APPROVED

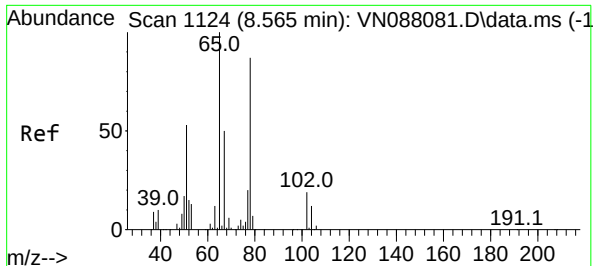
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 88.836 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Tgt Ion: 97 Resp: 666712
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 47.5 41.2 61.8





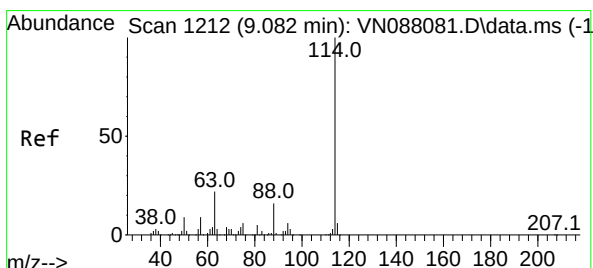
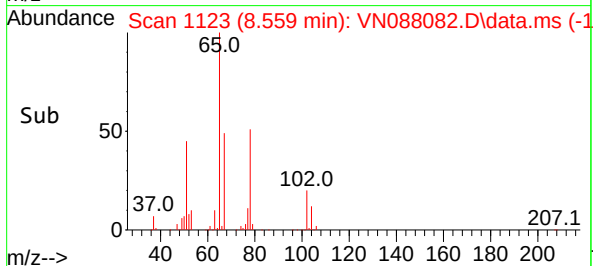
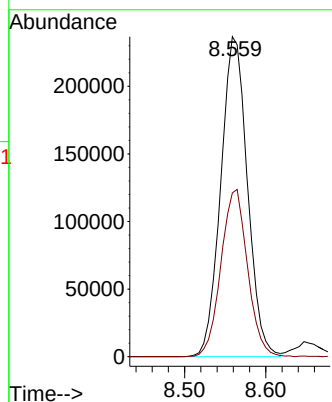
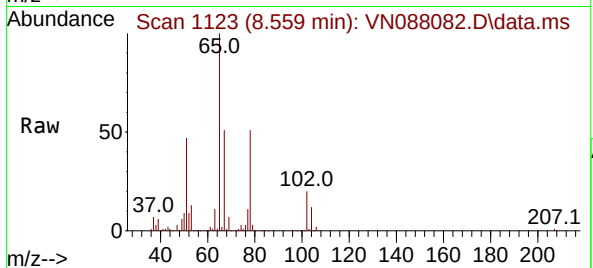
#33
1,2-Dichloroethane-d4
Concen: 95.083 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 54036
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.0

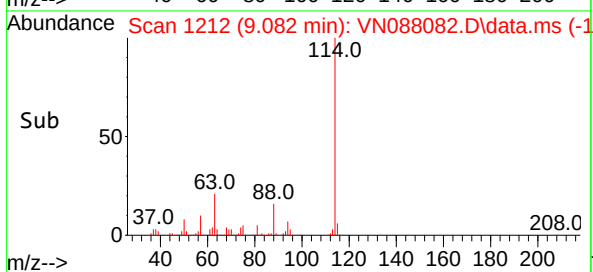
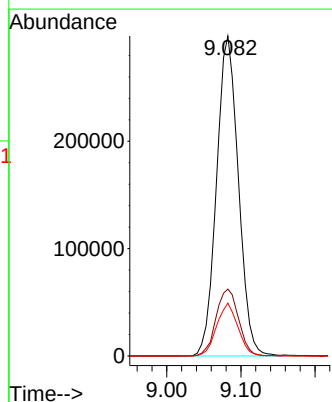
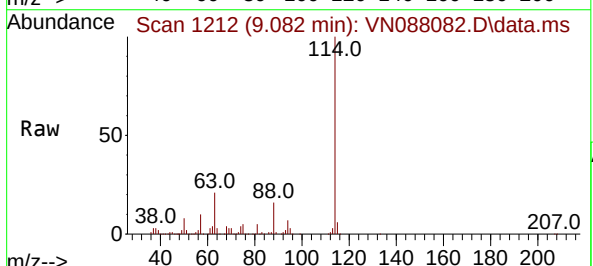
Manual Integrations
APPROVED

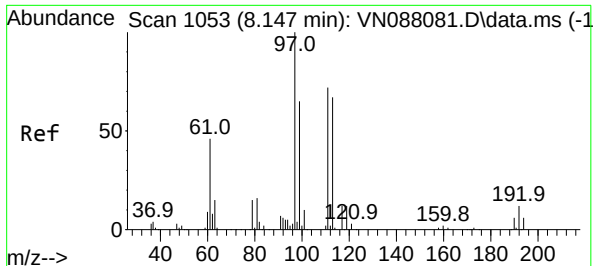
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

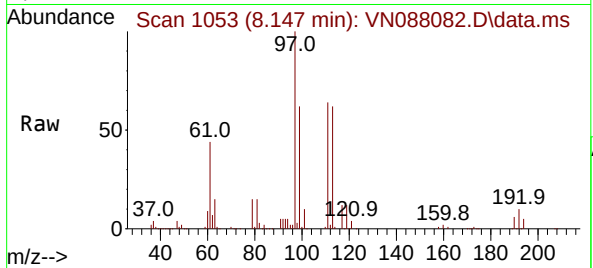
Tgt Ion:114 Resp: 610283
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.2
88 16.5 0.0 33.4





#35
Dibromofluoromethane
Concen: 97.454 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

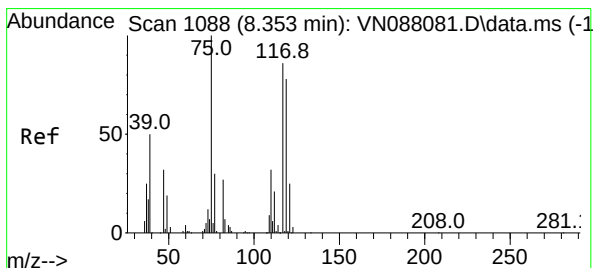
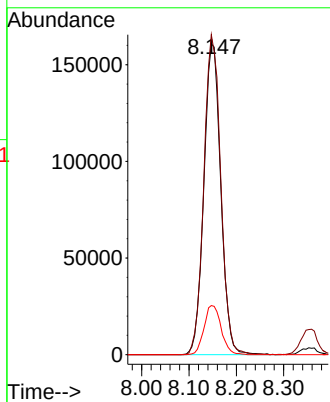
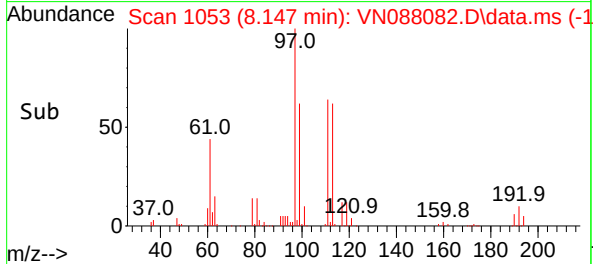
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



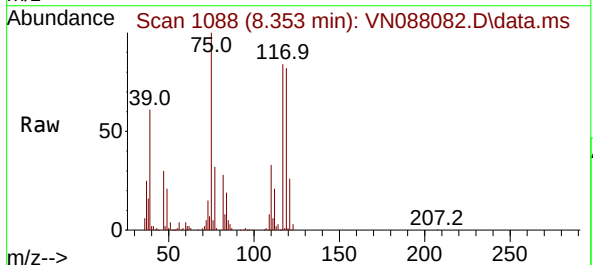
Tgt Ion:113 Resp: 399554
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 16.0 12.8 19.2

Manual Integrations
APPROVED

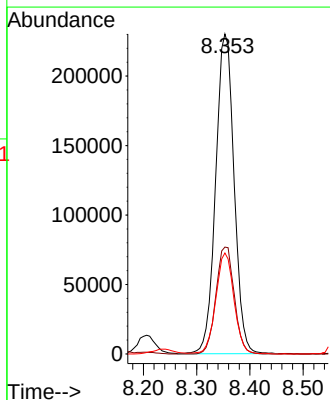
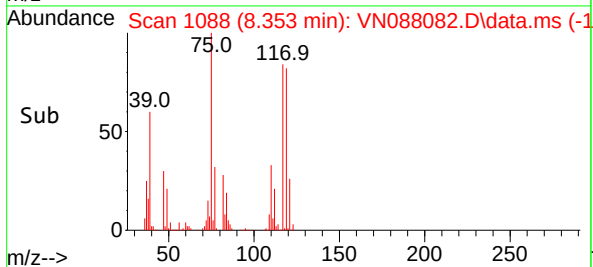
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

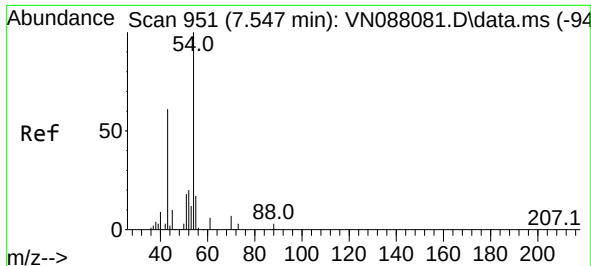


#36
1,1-Dichloropropene
Concen: 92.365 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



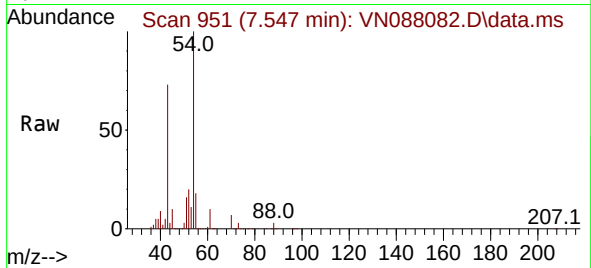
Tgt Ion: 75 Resp: 552930
Ion Ratio Lower Upper
75 100
110 33.3 15.9 47.6
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 91.855 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

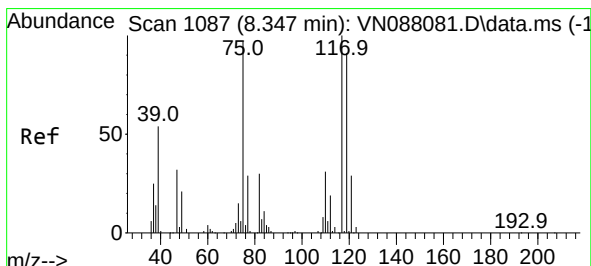
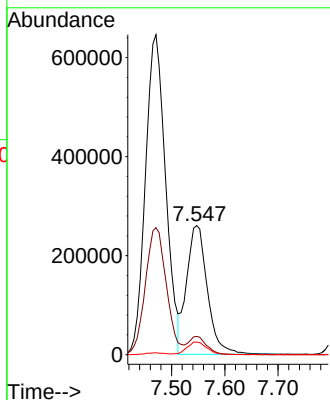
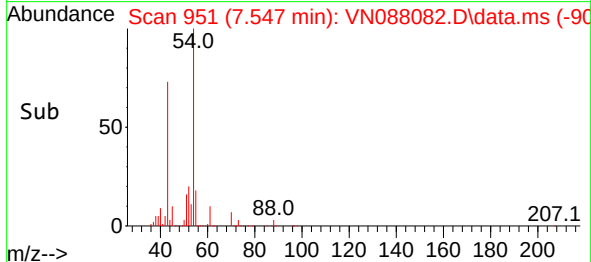
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 70662
Ion Ratio Lower Upper
43 100
61 12.4 9.3 13.9
70 9.5 7.0 10.6

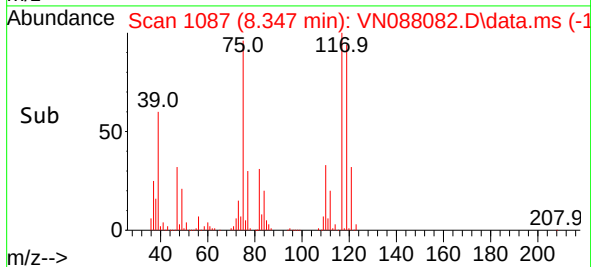
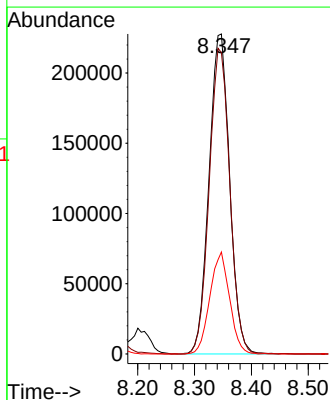
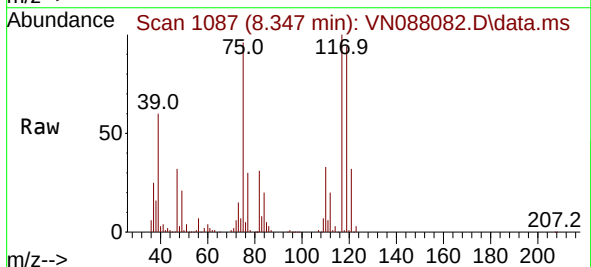
Manual Integrations
APPROVED

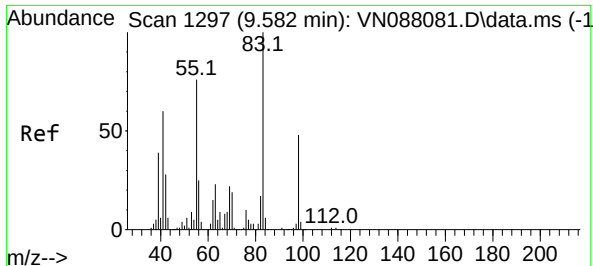
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 92.723 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

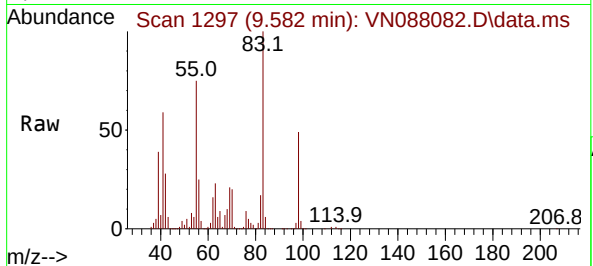
Tgt Ion:117 Resp: 573295
Ion Ratio Lower Upper
117 100
119 94.1 79.0 118.6
121 31.8 25.0 37.6





#39
Methylcyclohexane
Concen: 91.622 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

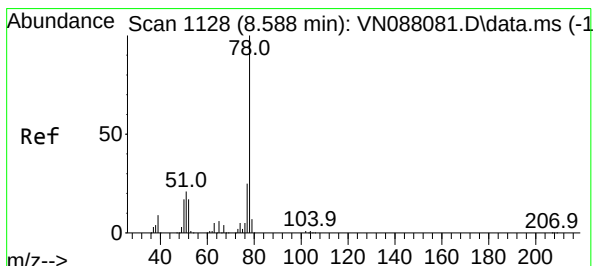
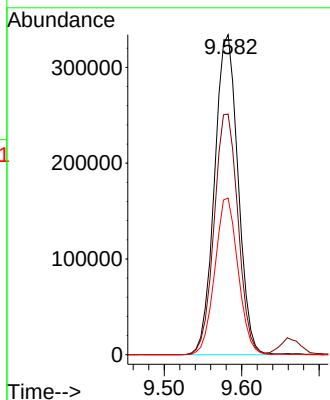
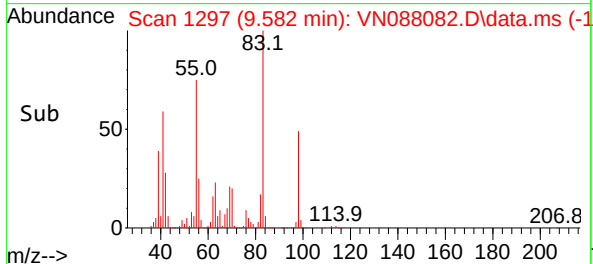
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 705000
Ion Ratio Lower Upper
83 100
55 75.2 64.6 96.8
98 49.0 38.4 57.6

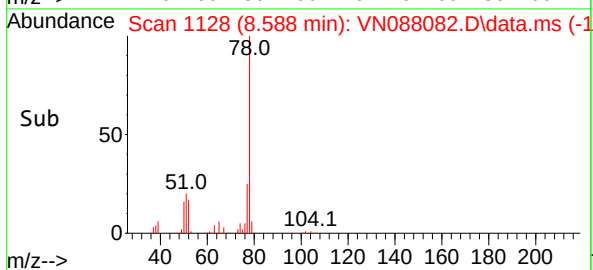
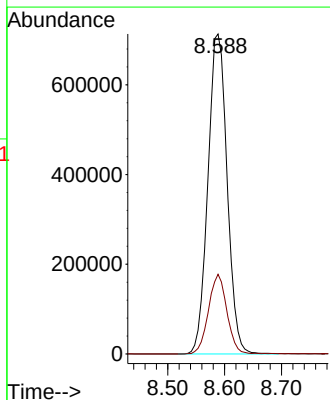
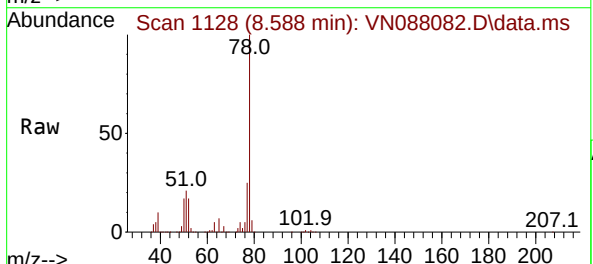
Manual Integrations
APPROVED

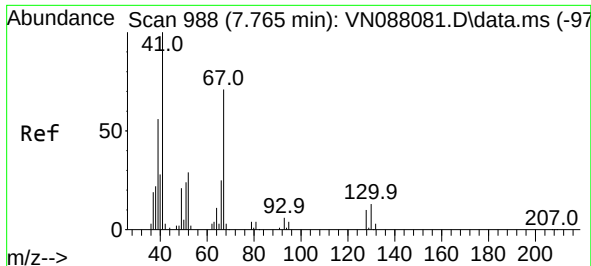
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#40
Benzene
Concen: 91.888 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

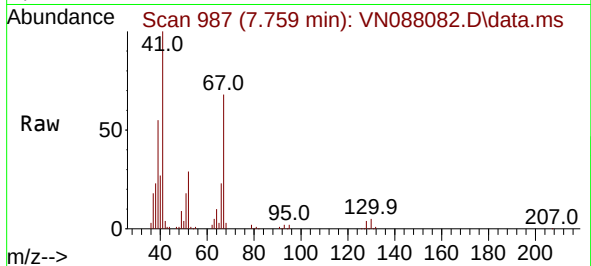
Tgt Ion: 78 Resp: 1675215
Ion Ratio Lower Upper
78 100
77 24.9 19.7 29.5





#41
Methacrylonitrile
Concen: 88.949 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

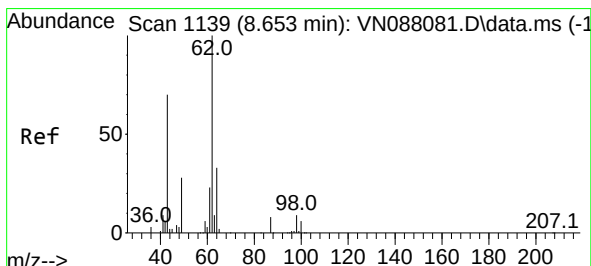
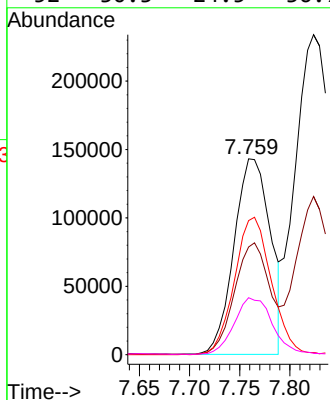
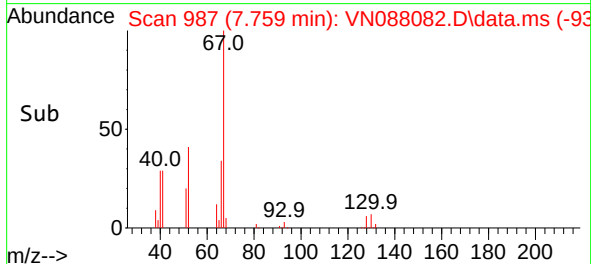
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 361660
Ion Ratio Lower Upper
41 100
39 55.0 45.4 68.0
67 71.7 55.3 82.9
52 30.3 24.5 36.7

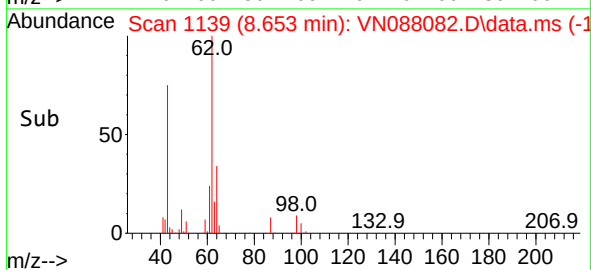
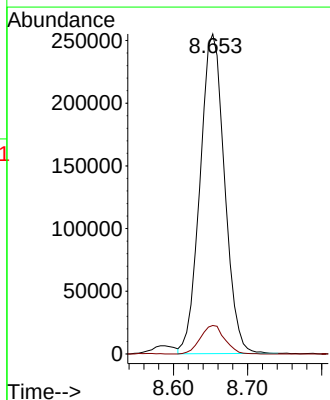
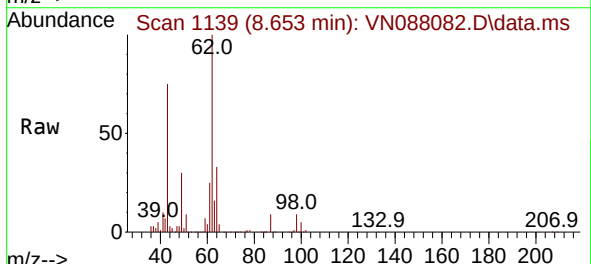
Manual Integrations
APPROVED

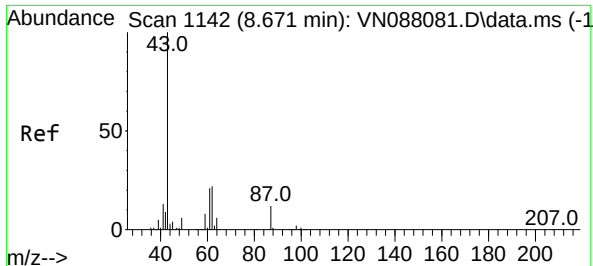
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 90.453 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

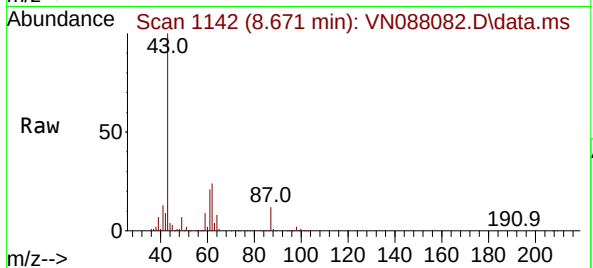
Tgt Ion: 62 Resp: 585932
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.4





#43
Isopropyl Acetate
Concen: 93.923 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

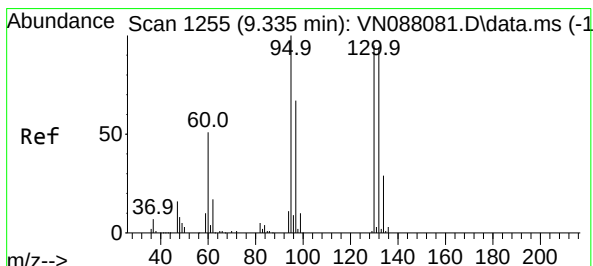
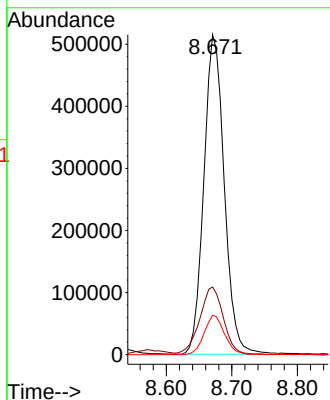
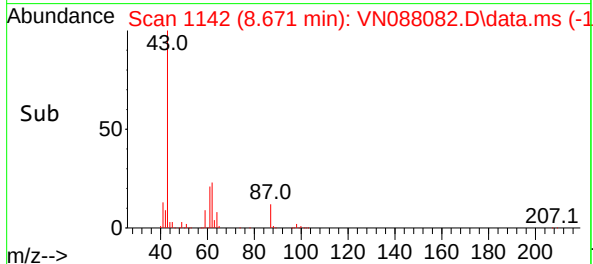
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1114940
Ion Ratio Lower Upper
43 100
61 24.5 18.8 28.2
87 12.4 9.6 14.4

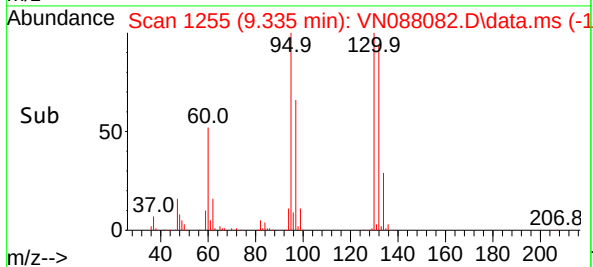
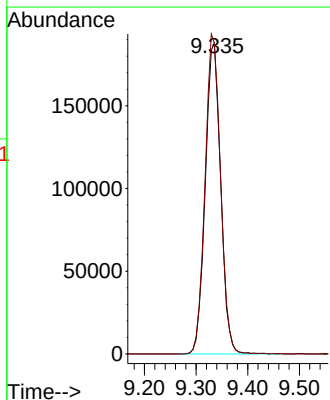
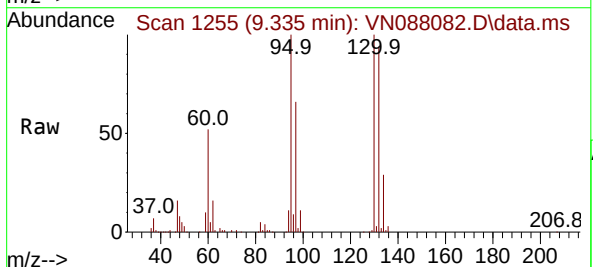
Manual Integrations
APPROVED

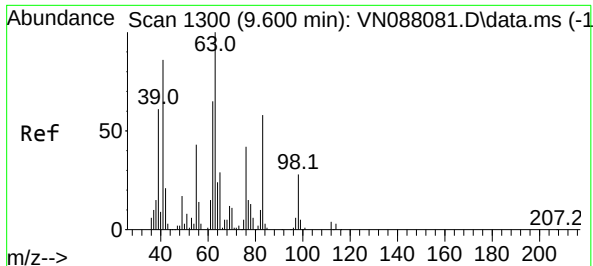
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 91.204 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Tgt Ion:130 Resp: 388649
Ion Ratio Lower Upper
130 100
95 99.9 0.0 212.0





#45

1,2-Dichloropropane

Concen: 90.107 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088082.D

Acq: 23 Oct 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 414728

Ion Ratio Lower Upper

63 100

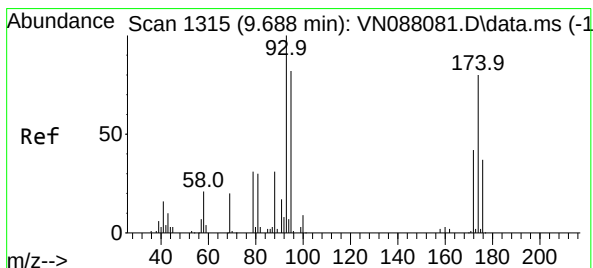
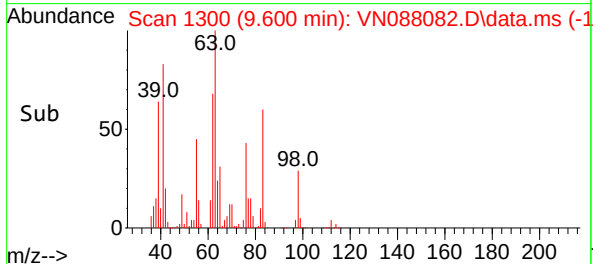
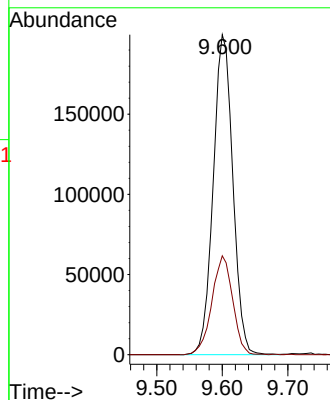
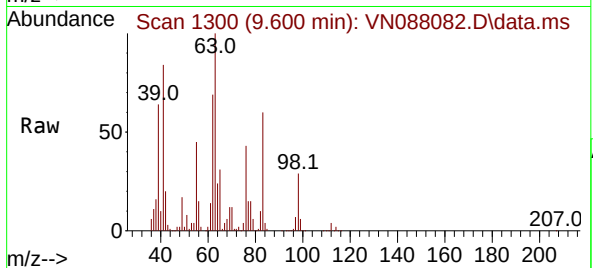
65 30.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 91.556 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088082.D

Acq: 23 Oct 2025 11:41

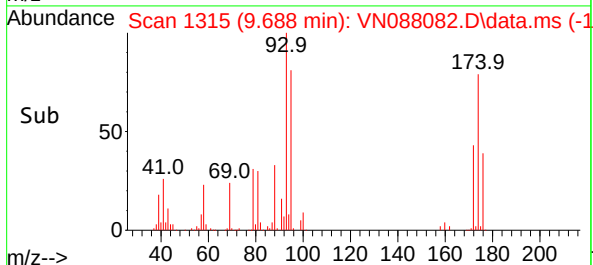
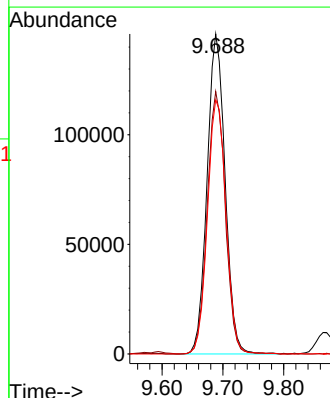
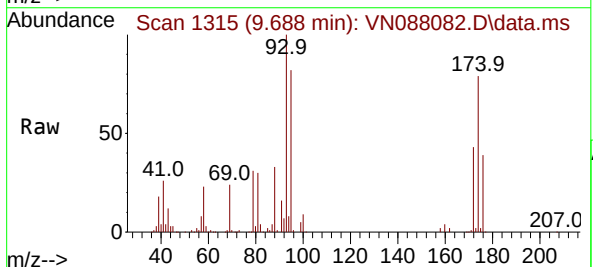
Tgt Ion: 93 Resp: 300542

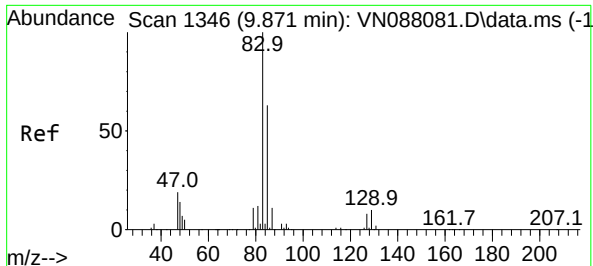
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

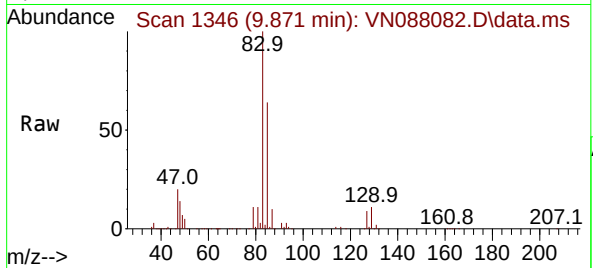
174 81.8 63.4 95.2





#47
Bromodichloromethane
Concen: 92.594 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

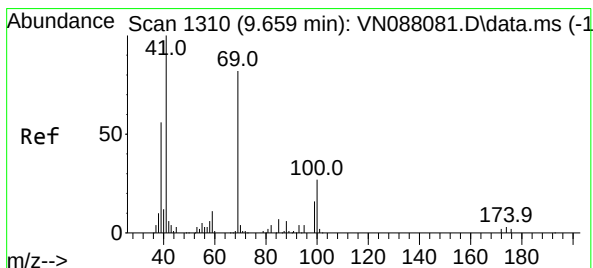
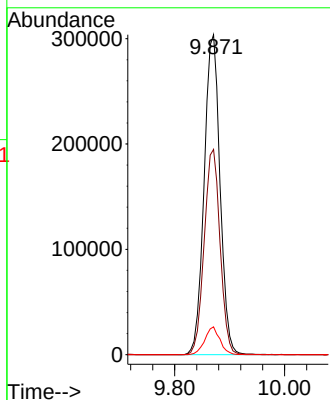
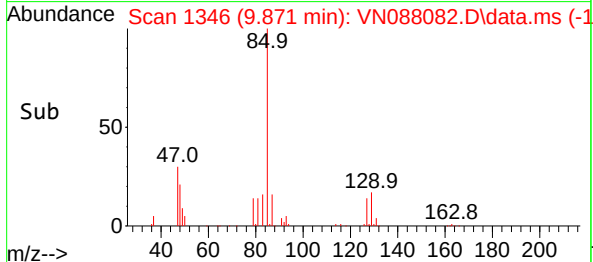
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 608540
Ion Ratio Lower Upper
83 100
85 64.1 52.5 78.7
127 8.7 5.8 8.6

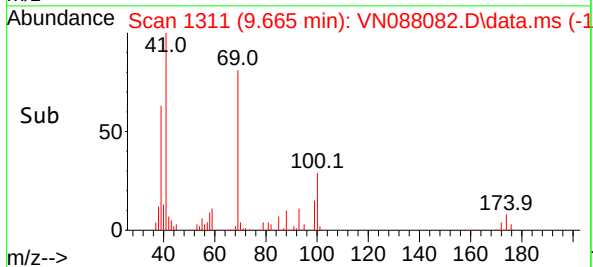
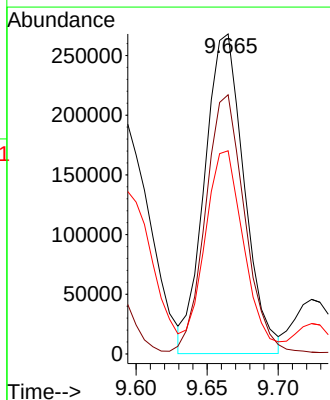
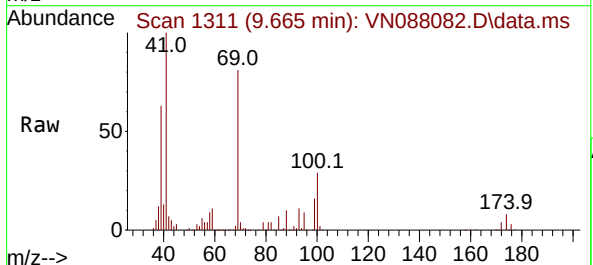
Manual Integrations
APPROVED

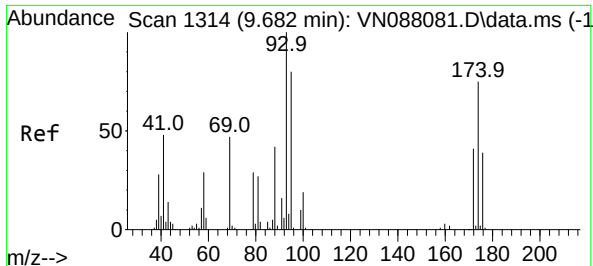
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 92.006 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Tgt Ion: 41 Resp: 518783
Ion Ratio Lower Upper
41 100
69 80.6 62.7 94.1
39 63.4 52.9 79.3





#49

1,4-Dioxane

Concen: 1892.672 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088082.D

Acq: 23 Oct 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 12901

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

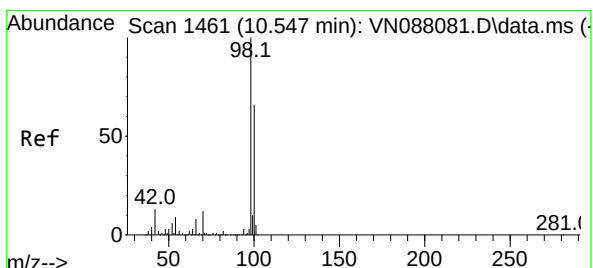
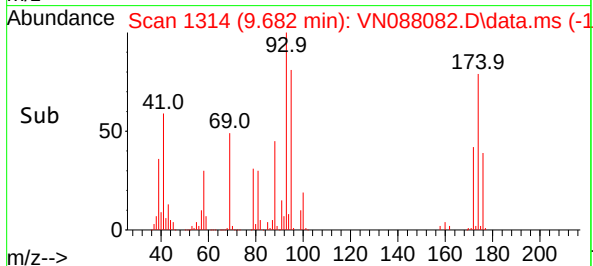
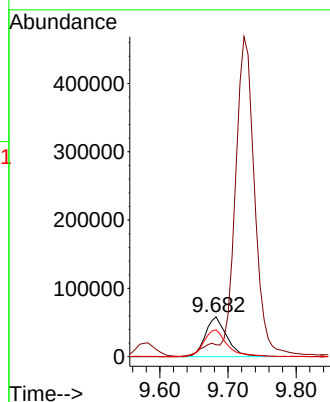
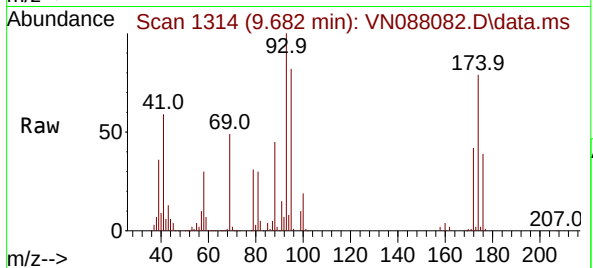
58 73.2 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 99.162 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088082.D

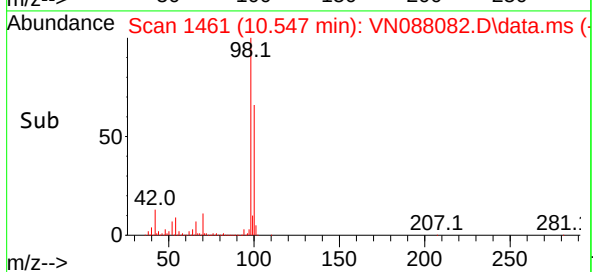
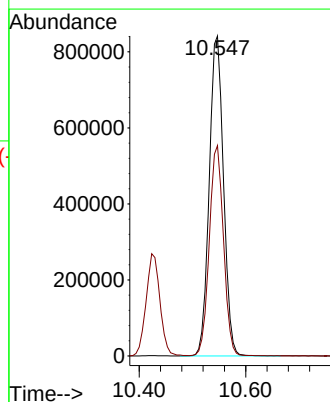
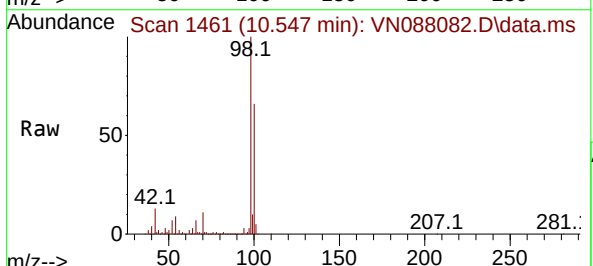
Acq: 23 Oct 2025 11:41

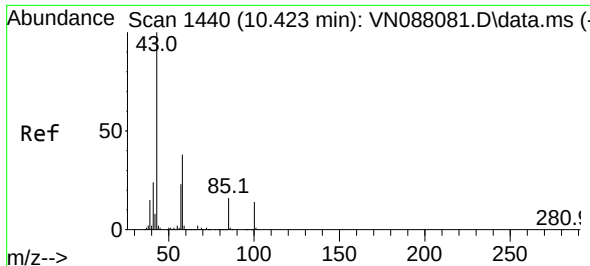
Tgt Ion: 98 Resp: 1566524

Ion Ratio Lower Upper

98 100

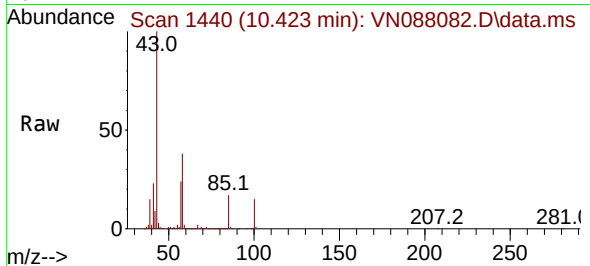
100 65.3 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 479.746 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

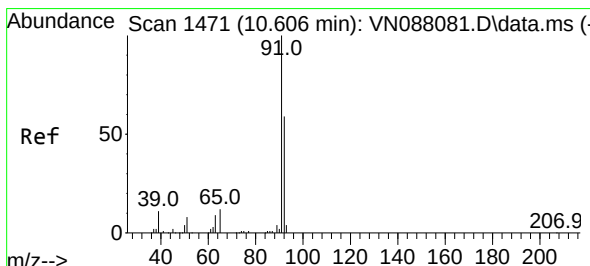
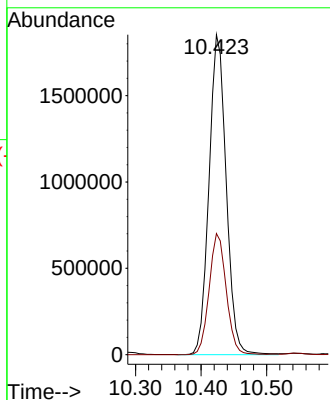
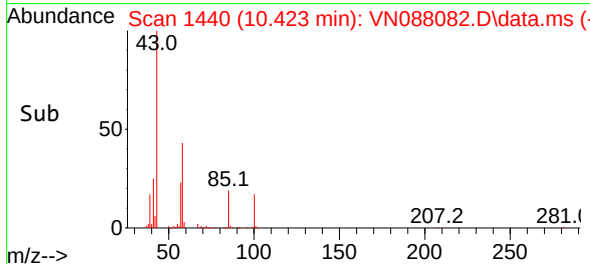
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 336906
Ion Ratio Lower Upper
43 100
58 37.7 29.6 44.4

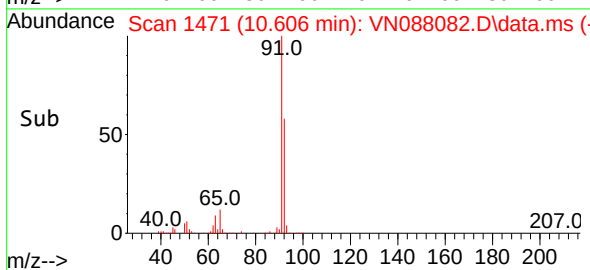
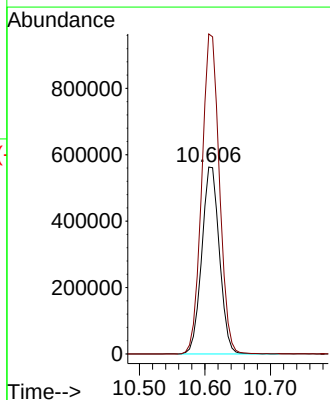
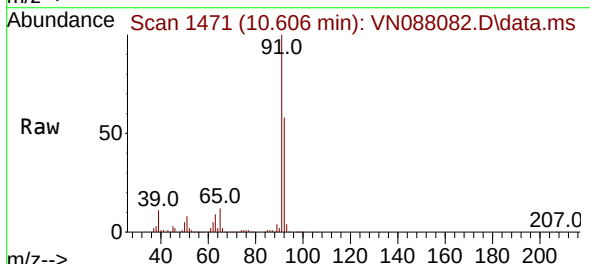
Manual Integrations
APPROVED

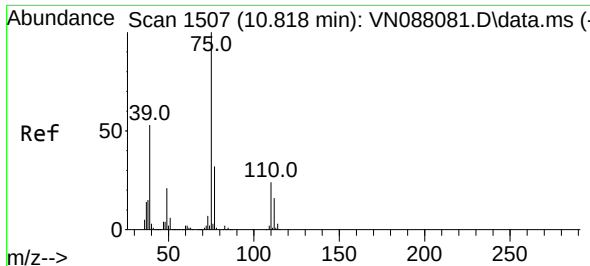
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 93.569 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

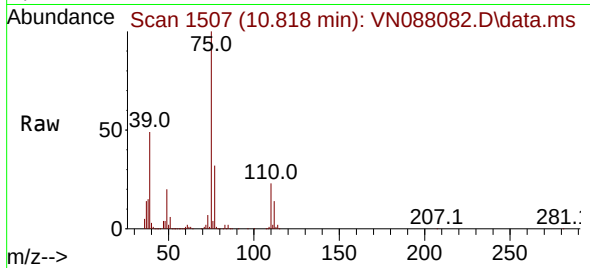
Tgt Ion: 92 Resp: 1051747
Ion Ratio Lower Upper
92 100
91 171.4 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 97.583 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

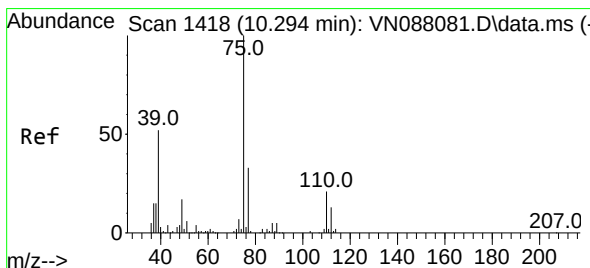
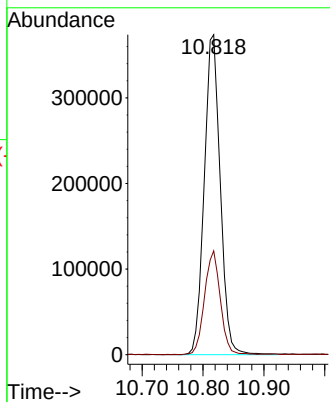
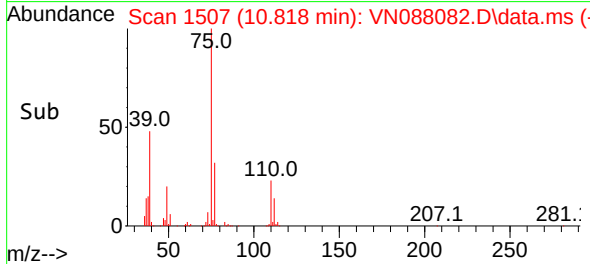
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



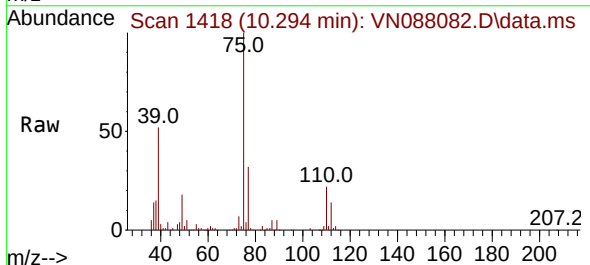
Tgt Ion: 75 Resp: 682584
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8

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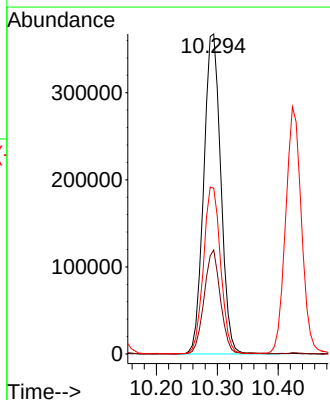
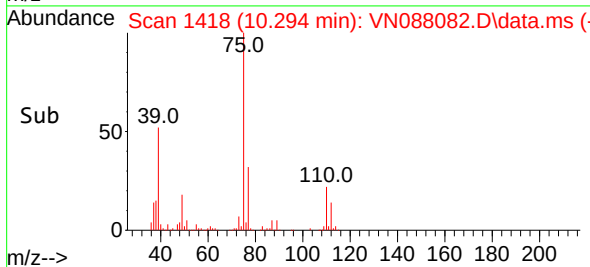
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

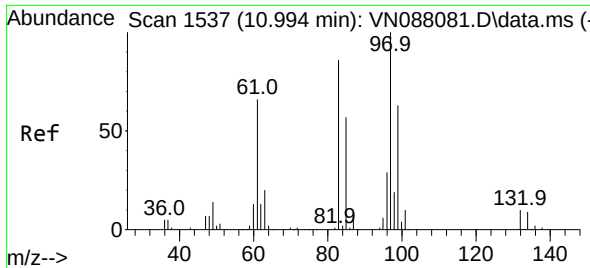


#54
cis-1,3-Dichloropropene
Concen: 96.477 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



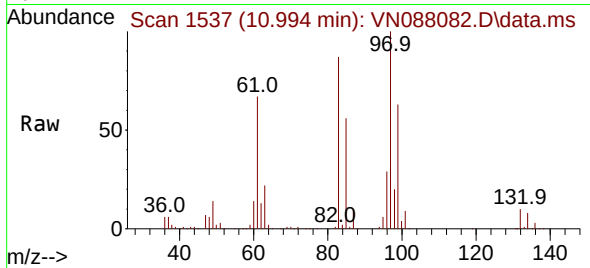
Tgt Ion: 75 Resp: 716101
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0
39 51.8 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 90.704 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

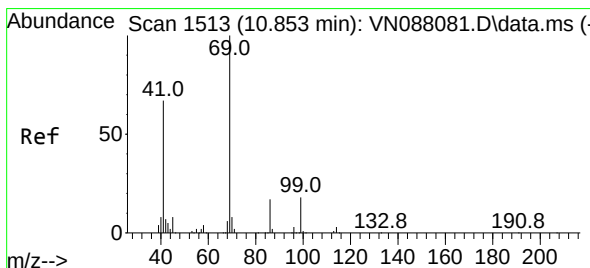
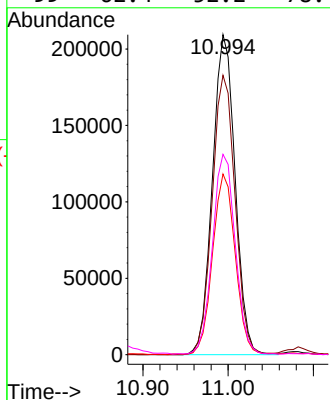
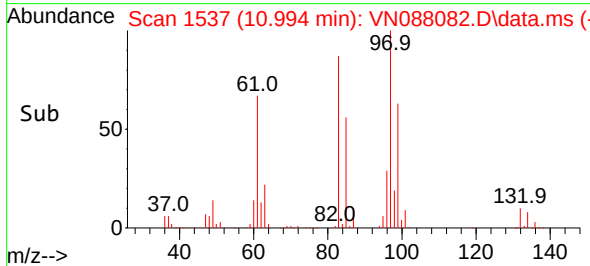
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



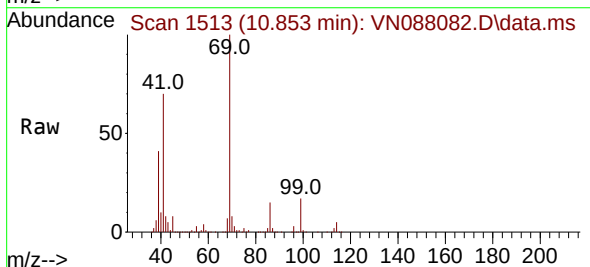
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.2	102.4
85	56.3	45.5	68.3
99	62.4	52.2	78.4

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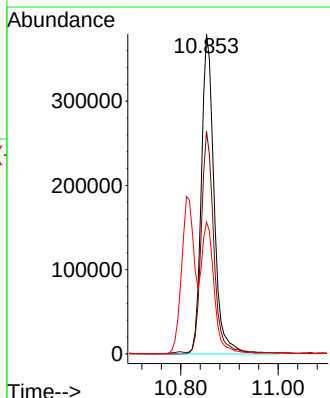
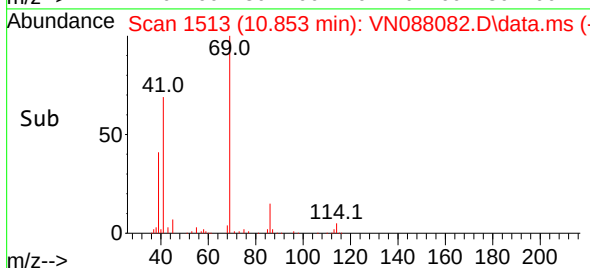
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

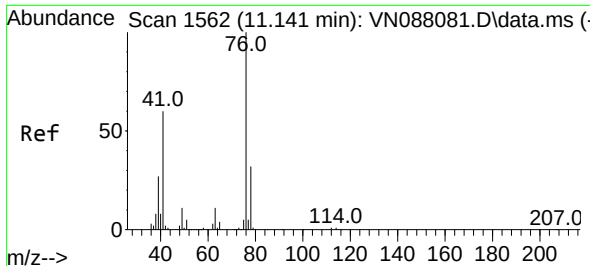


#56
Ethyl methacrylate
Concen: 102.440 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



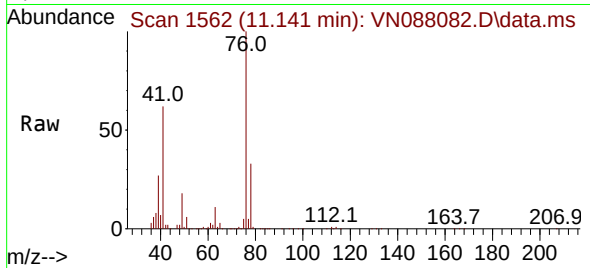
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.3	56.5	84.7
39	40.3	34.2	51.4





#57
1,3-Dichloropropane
Concen: 93.206 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

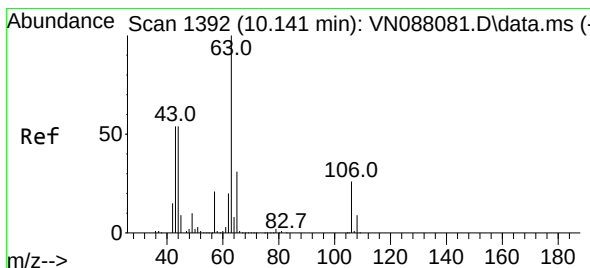
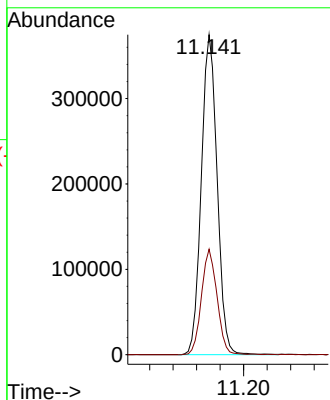
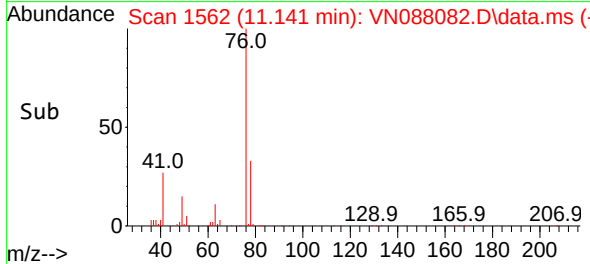
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 698638
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4

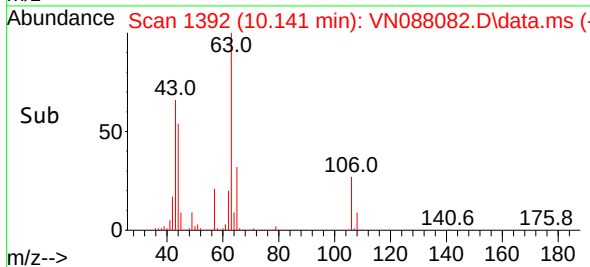
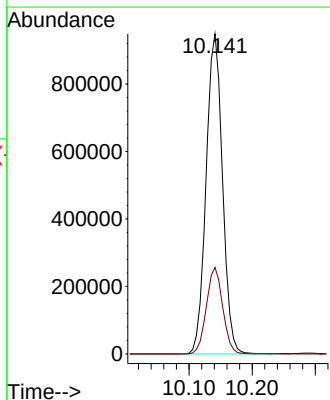
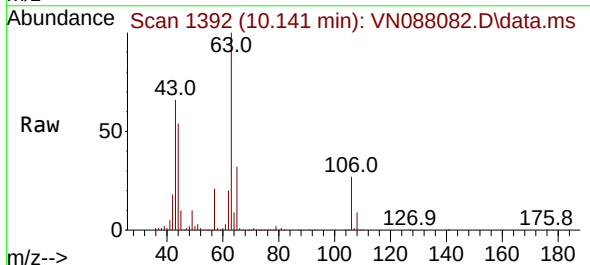
Manual Integrations
APPROVED

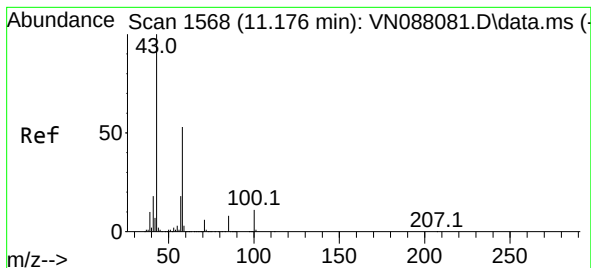
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 487.433 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

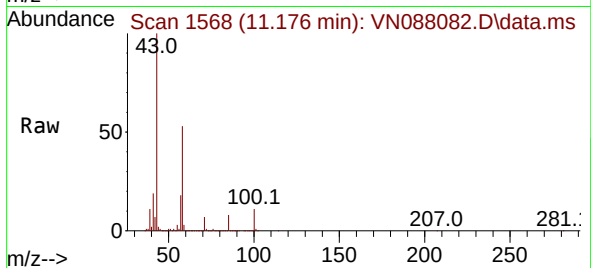
Tgt Ion: 63 Resp: 1711029
Ion Ratio Lower Upper
63 100
106 26.9 21.1 31.7





#59
2-Hexanone
Concen: 518.272 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

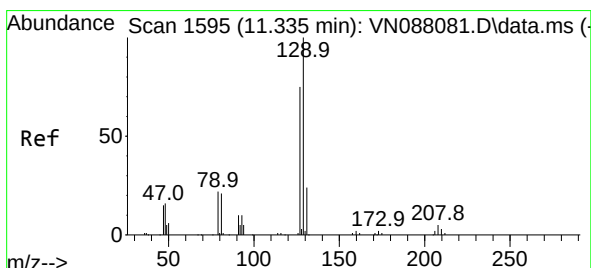
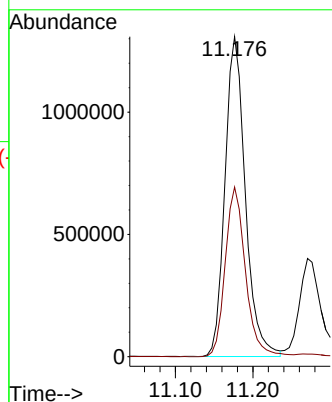
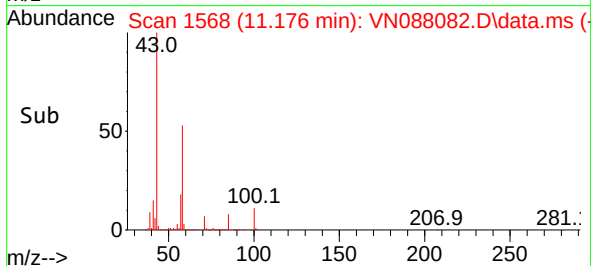
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



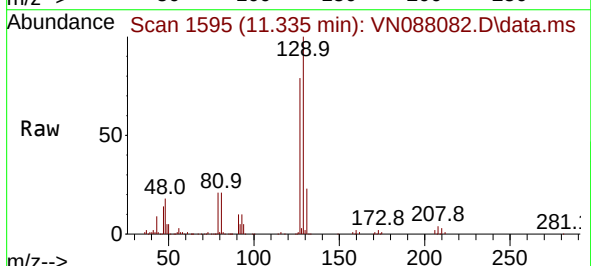
Tgt Ion: 43 Resp: 238931
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.8

Manual Integrations
APPROVED

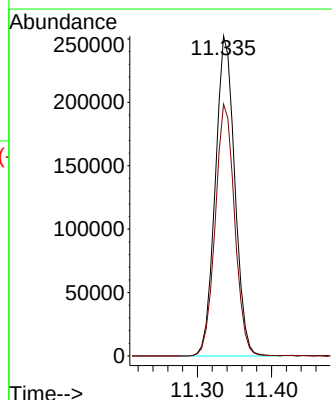
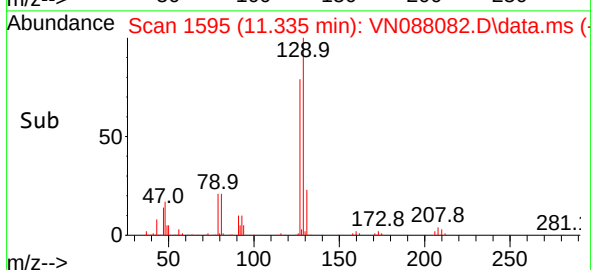
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

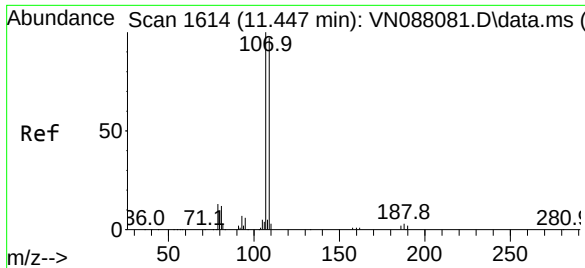


#60
Dibromochloromethane
Concen: 94.953 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



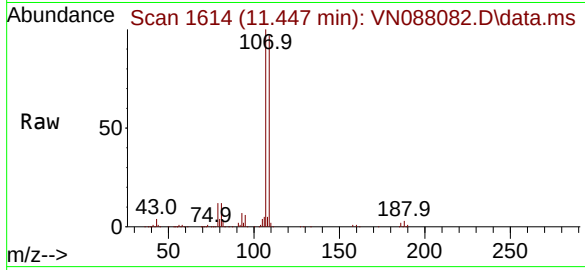
Tgt Ion:129 Resp: 460237
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.3





#61
1,2-Dibromoethane
Concen: 94.227 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

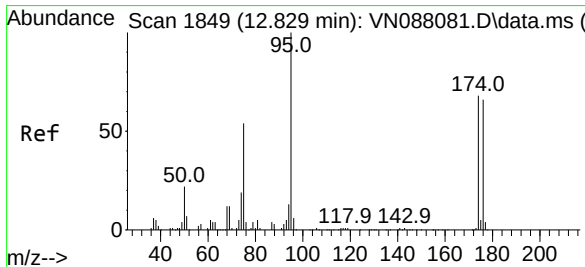
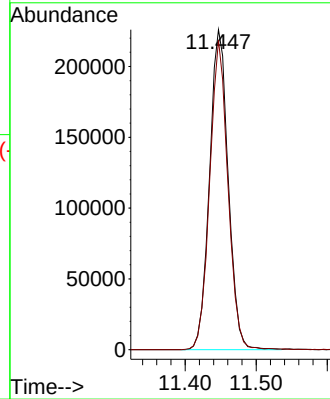
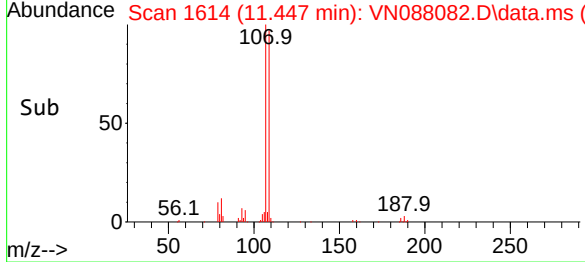
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



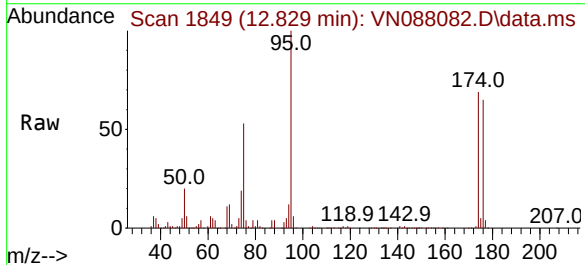
Tgt Ion:107 Resp: 413544
Ion Ratio Lower Upper
107 100
109 94.3 74.7 112.1

Manual Integrations
APPROVED

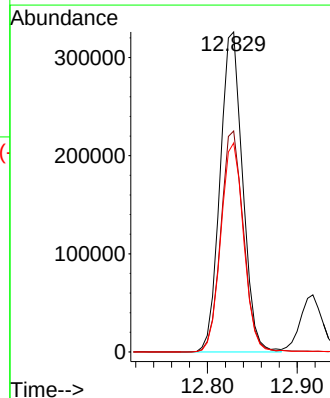
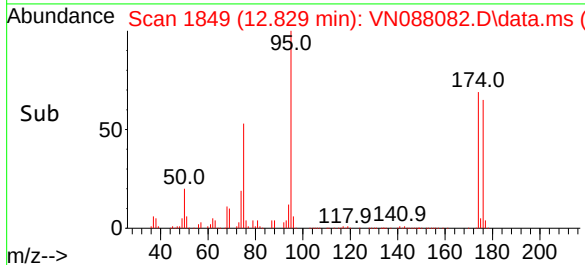
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

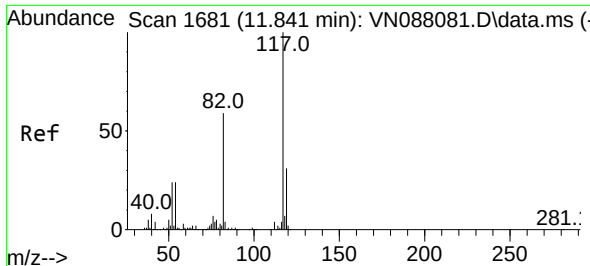


#62
4-Bromofluorobenzene
Concen: 102.048 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



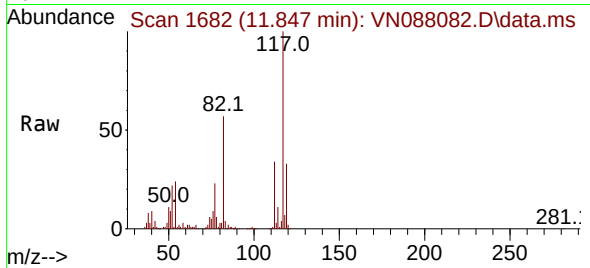
Tgt Ion: 95 Resp: 569341
Ion Ratio Lower Upper
95 100
174 69.9 0.0 138.4
176 66.2 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

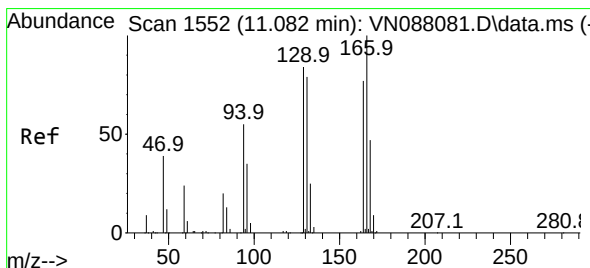
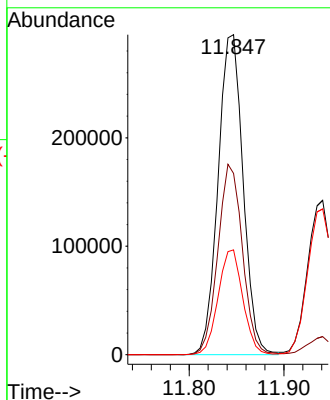
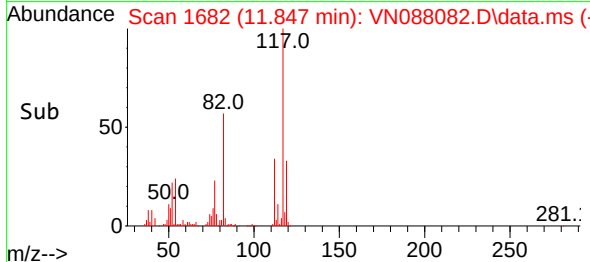
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 541844
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 32.7 24.3 36.5

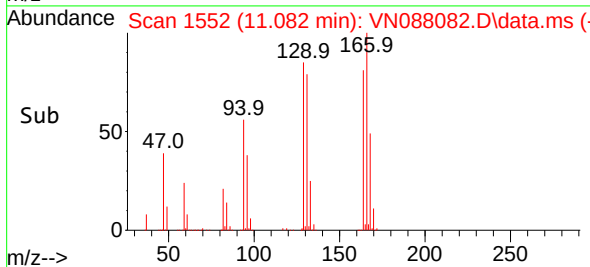
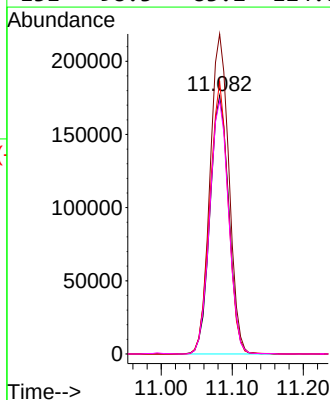
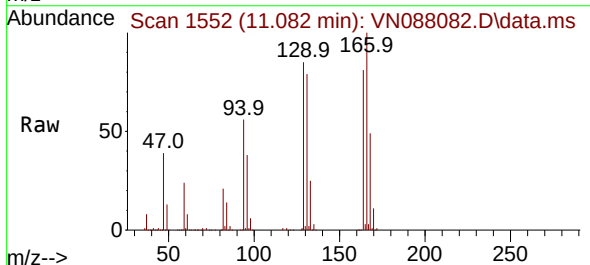
Manual Integrations
APPROVED

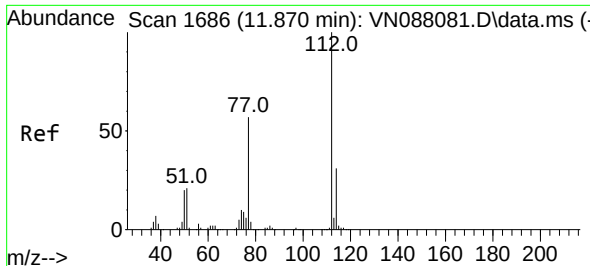
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 90.231 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Tgt Ion:164 Resp: 322496
Ion Ratio Lower Upper
164 100
166 123.9 97.7 146.5
129 105.6 85.9 128.9
131 98.3 83.2 124.8





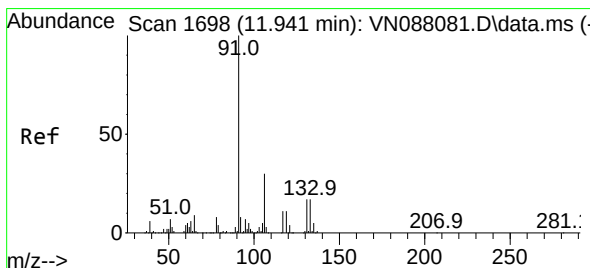
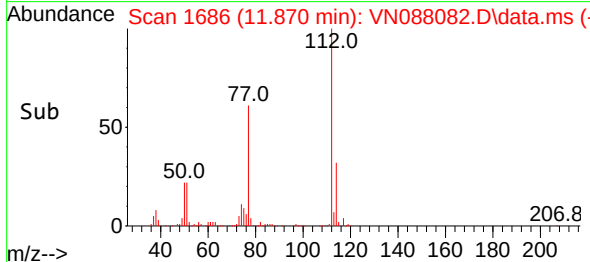
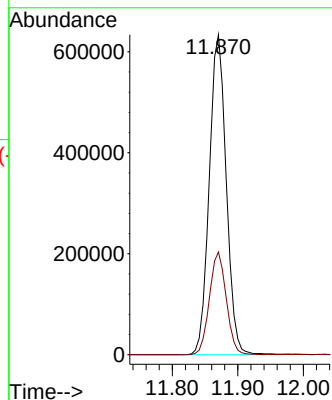
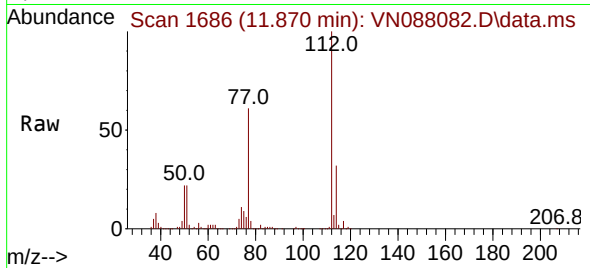
#65
Chlorobenzene
Concen: 92.783 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 114155
Ion Ratio Lower Upper
112 100
114 32.1 24.3 36.5

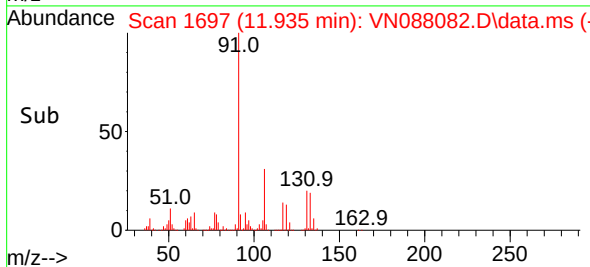
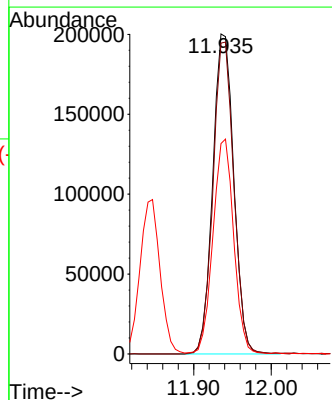
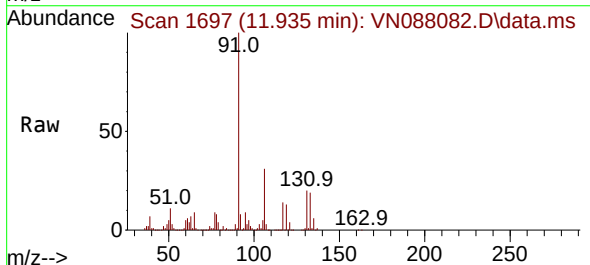
Manual Integrations
APPROVED

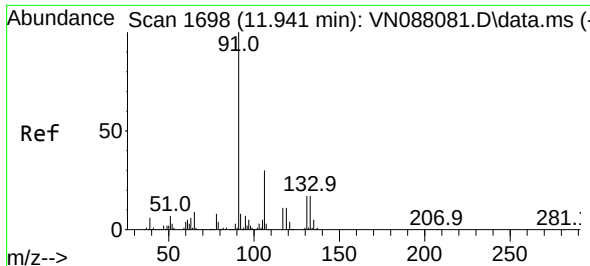
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 93.562 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

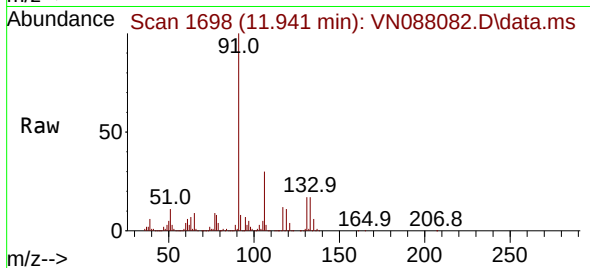
Tgt Ion:131 Resp: 377142
Ion Ratio Lower Upper
131 100
133 96.4 48.0 144.0
119 65.8 32.6 97.7





#67
Ethyl Benzene
Concen: 94.000 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

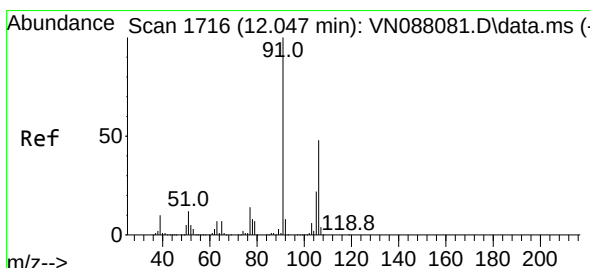
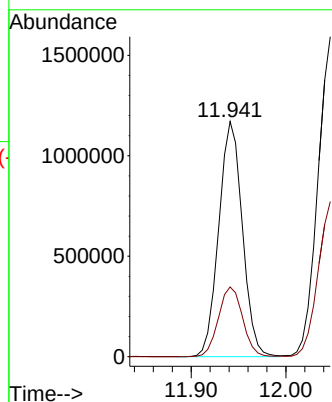
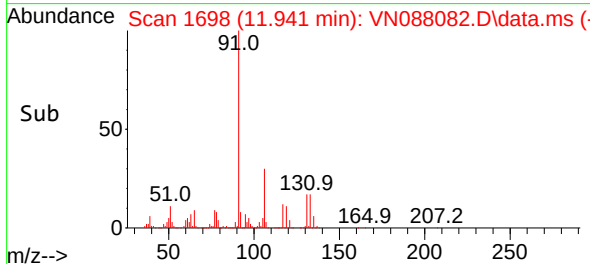
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



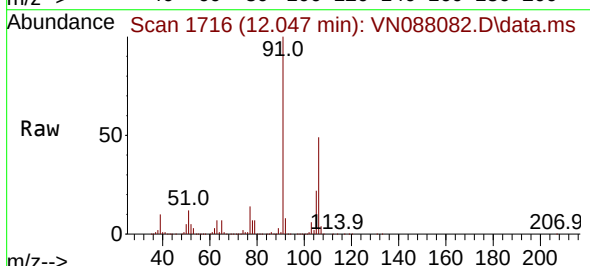
Tgt Ion: 91 Resp: 2030094
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1

Manual Integrations
APPROVED

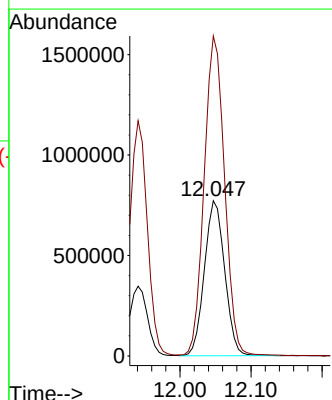
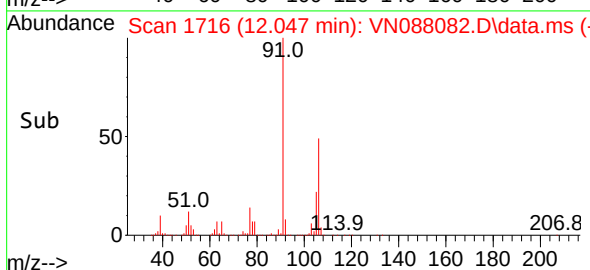
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

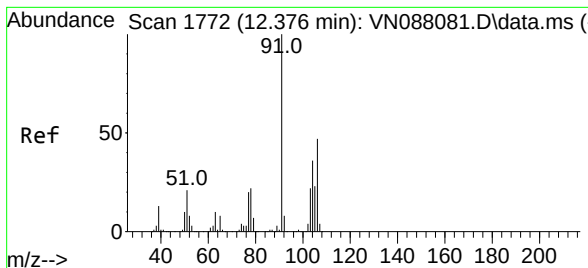


#68
m/p-Xylenes
Concen: 189.570 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



Tgt Ion:106 Resp: 1533978
Ion Ratio Lower Upper
106 100
91 207.6 169.3 253.9





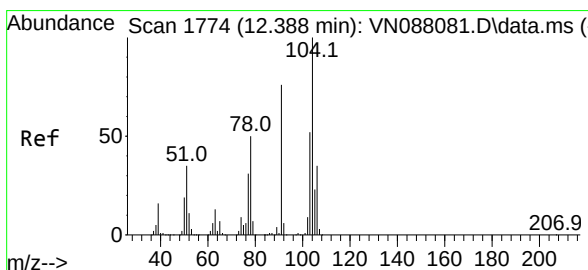
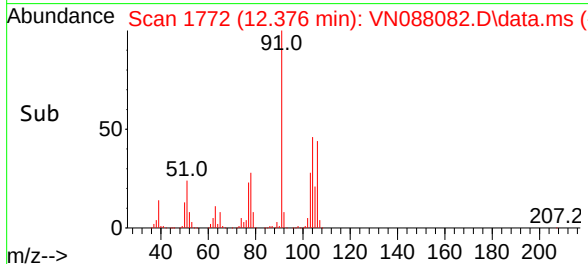
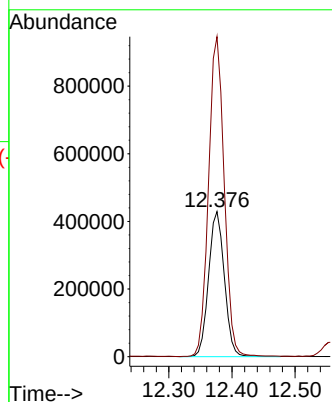
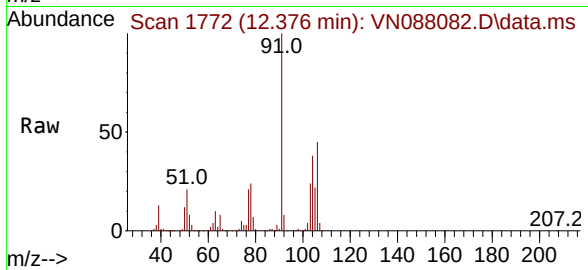
#69
o-Xylene
Concen: 96.633 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 74125
Ion Ratio Lower Upper
106 100
91 219.2 111.4 334.2

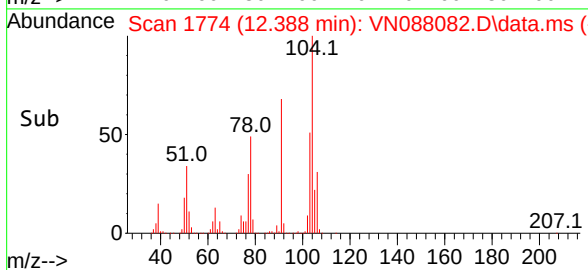
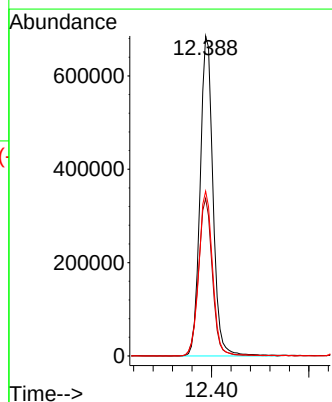
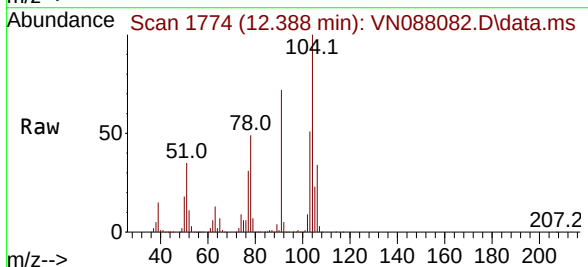
Manual Integrations
APPROVED

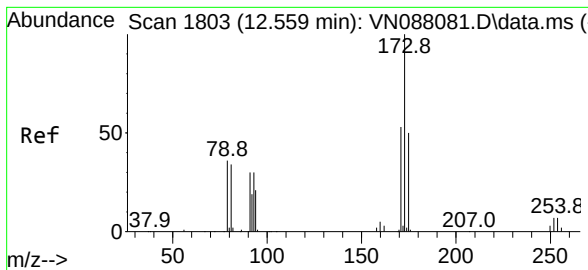
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 100.907 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

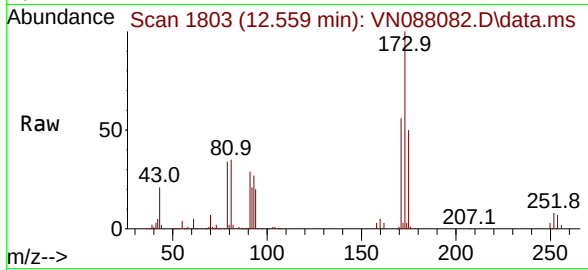
Tgt Ion:104 Resp: 1262211
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.2
103 55.0 43.4 65.2





#71
Bromoform
Concen: 99.521 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

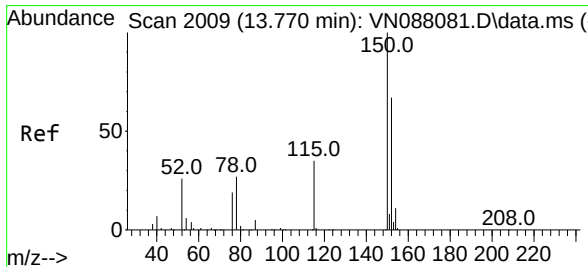
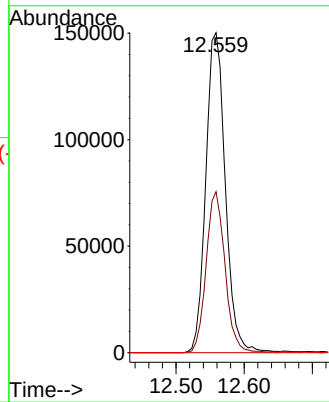
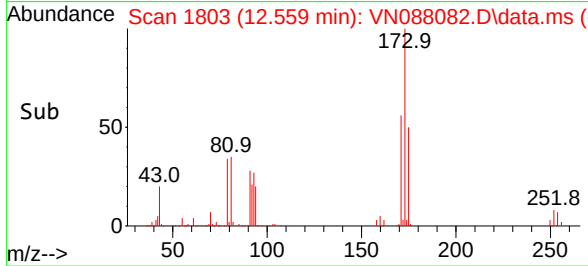
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



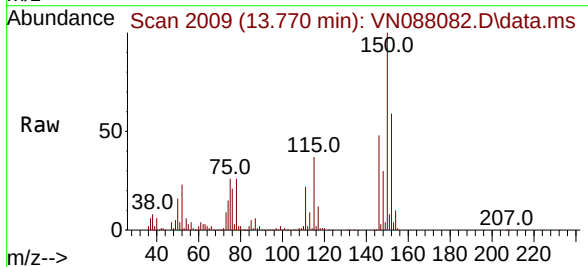
Tgt Ion:173 Resp: 299375
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

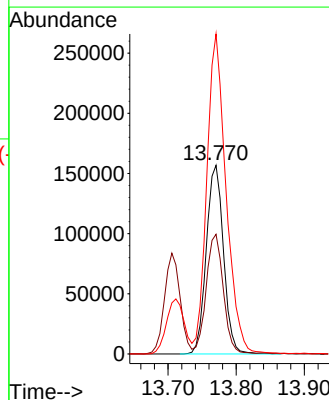
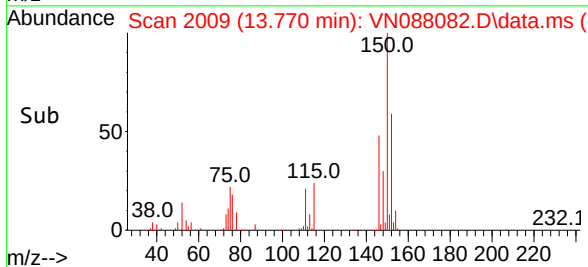
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

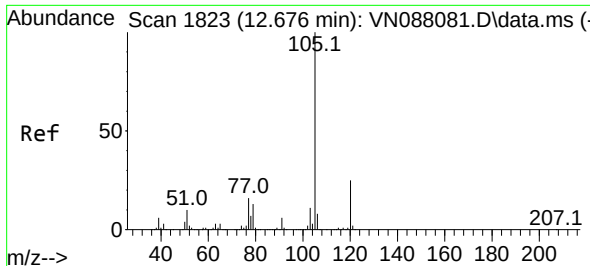


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



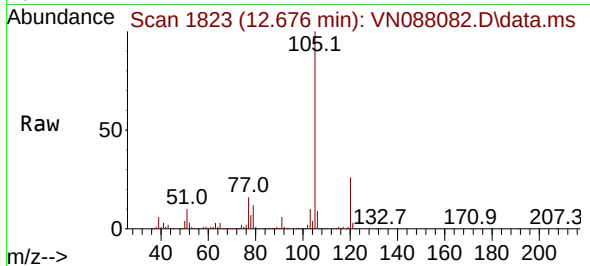
Tgt Ion:152 Resp: 276404
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 188.3 0.0 351.0





#73
Isopropylbenzene
Concen: 92.826 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

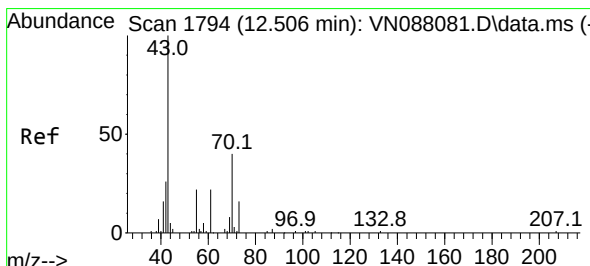
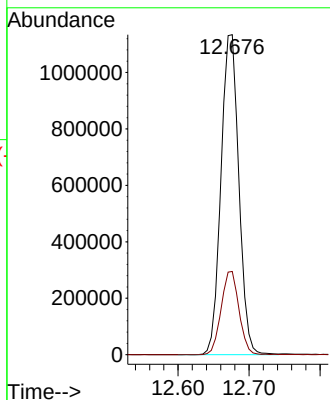
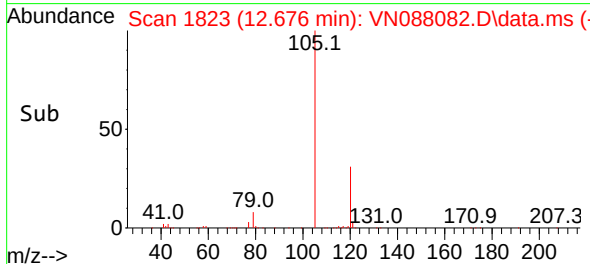
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:105 Resp: 197890
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3

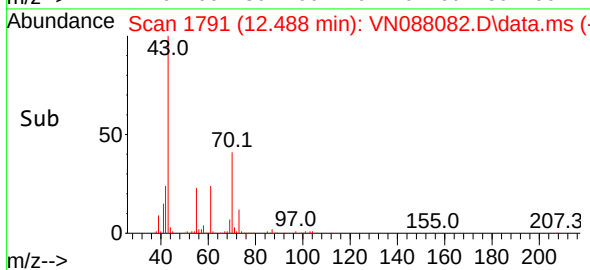
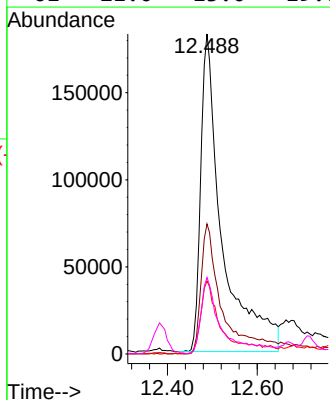
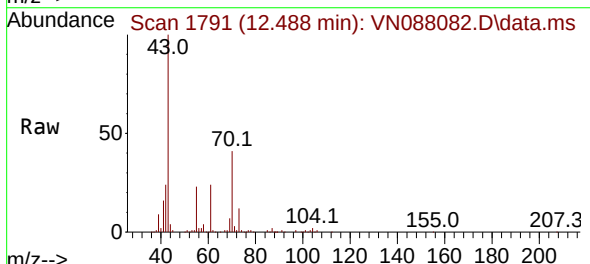
Manual Integrations
APPROVED

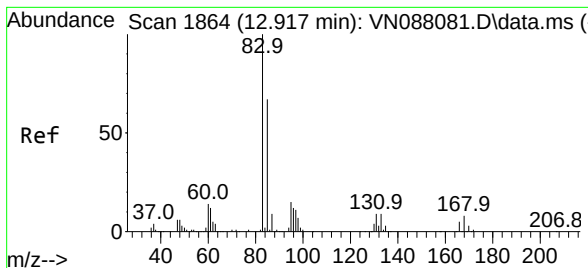
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 95.060 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

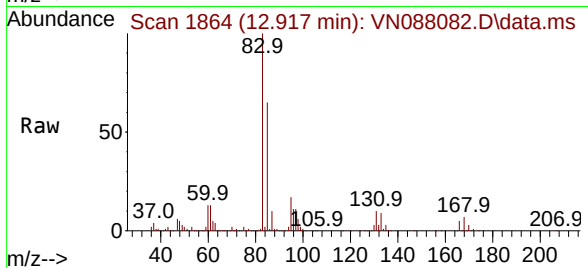
Tgt Ion: 43 Resp: 604970
Ion Ratio Lower Upper
43 100
70 40.8 27.6 41.4
55 21.5 13.0 19.6#
61 21.0 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 89.923 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

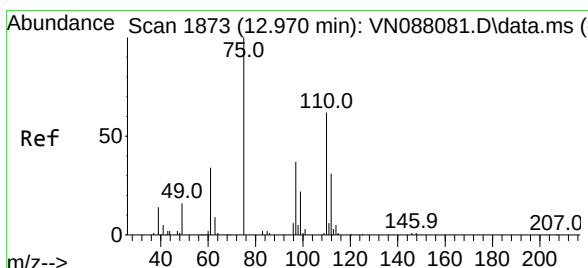
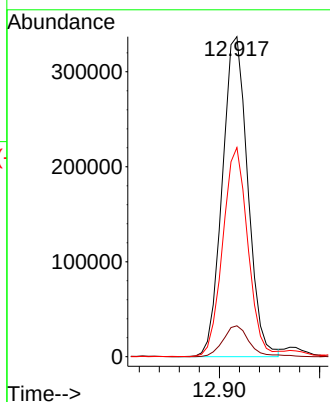
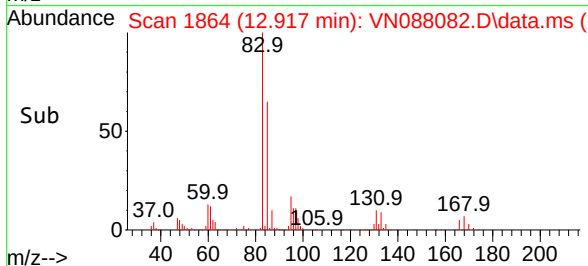
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



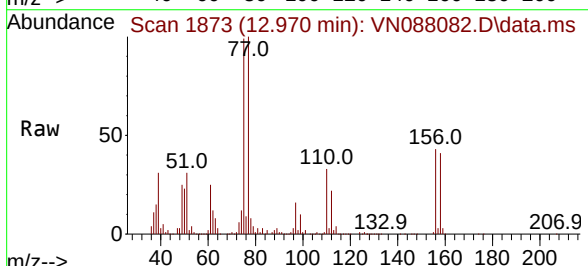
Tgt Ion: 83 Resp: 59682
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 64.6 32.1 96.3

Manual Integrations
APPROVED

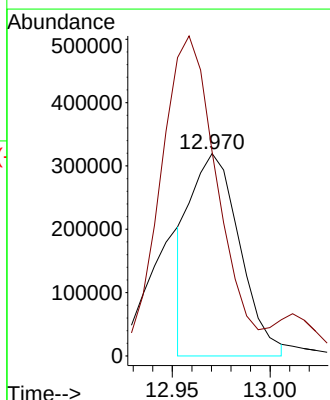
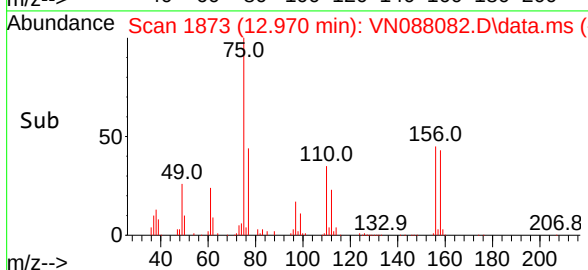
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

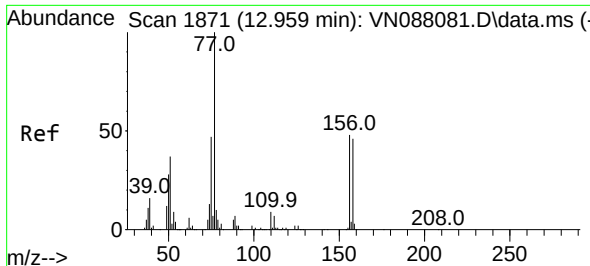


#76
1,2,3-Trichloropropane
Concen: 94.724 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



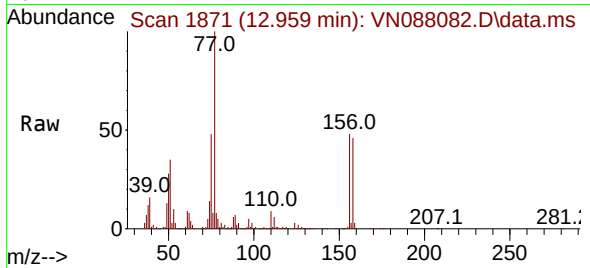
Tgt Ion: 75 Resp: 560461
Ion Ratio Lower Upper
75 100
77 182.2 89.1 267.4





#77
Bromobenzene
Concen: 94.918 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

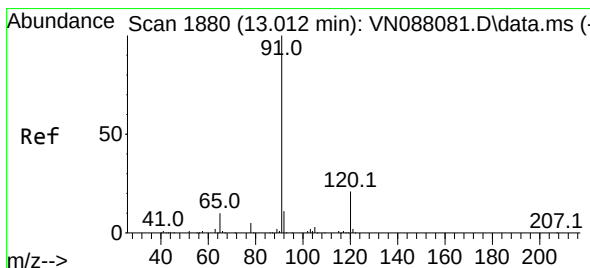
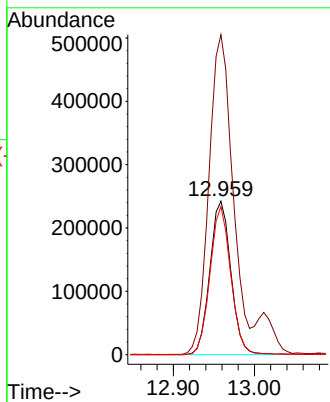
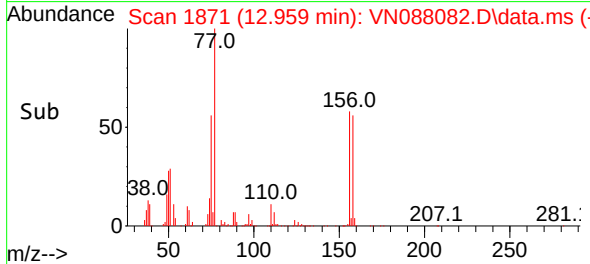
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



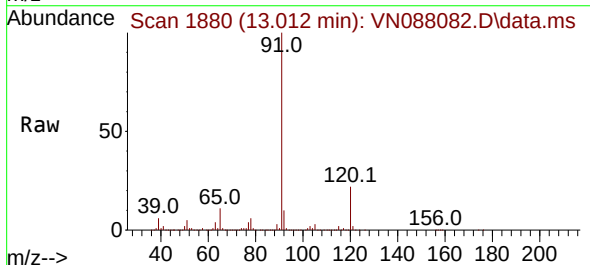
Tgt Ion:156 Resp: 436349
Ion Ratio Lower Upper
156 100
77 234.0 119.3 358.0
158 95.5 48.2 144.6

Manual Integrations
APPROVED

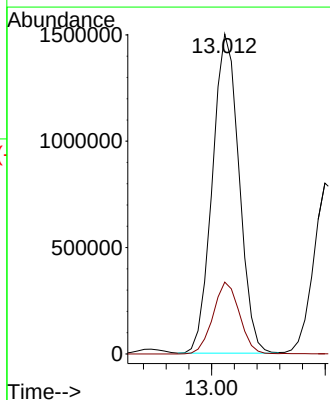
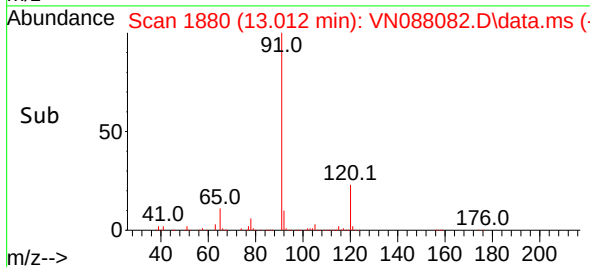
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

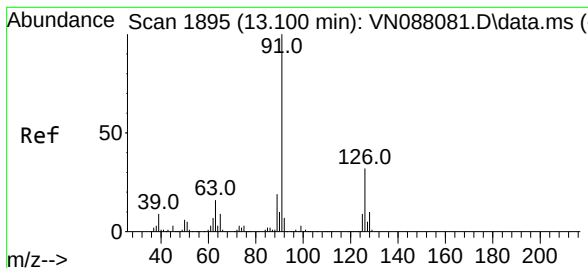


#78
n-propylbenzene
Concen: 94.250 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



Tgt Ion: 91 Resp: 2451982
Ion Ratio Lower Upper
91 100
120 22.3 10.7 32.1





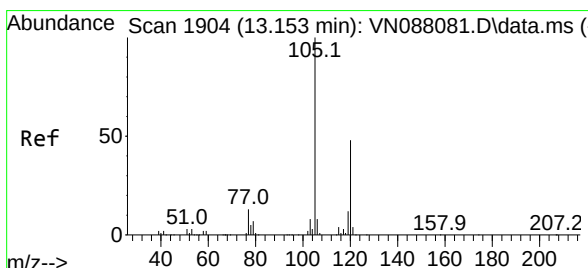
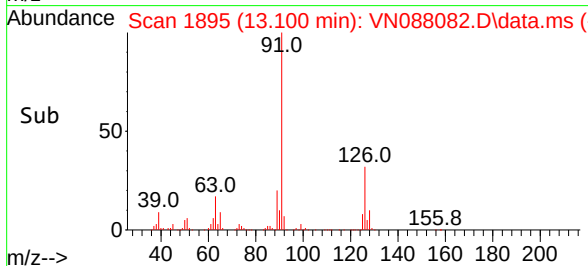
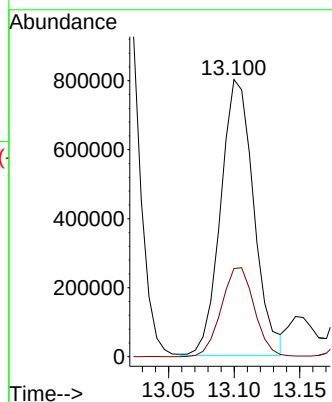
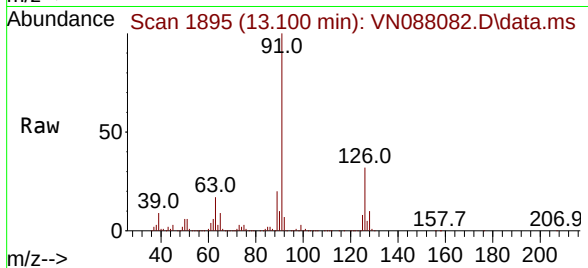
#79
2-Chlorotoluene
Concen: 94.825 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 140685
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.3

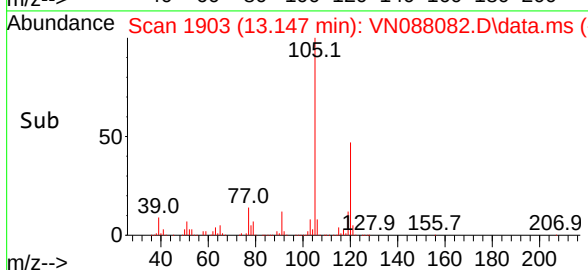
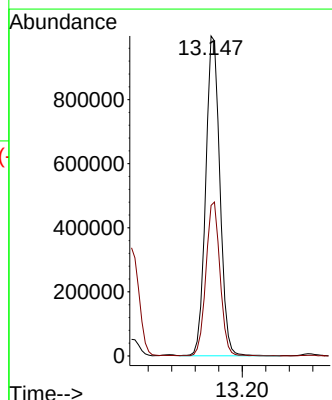
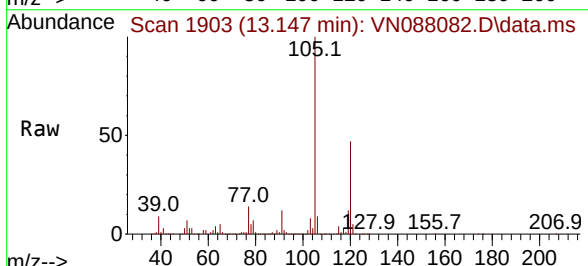
Manual Integrations
APPROVED

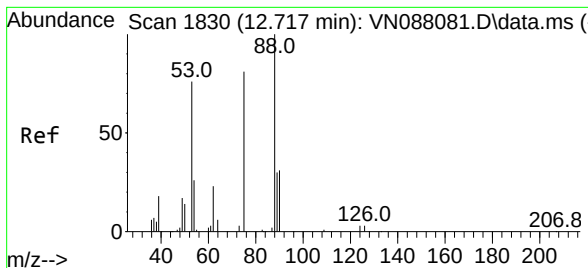
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 94.536 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

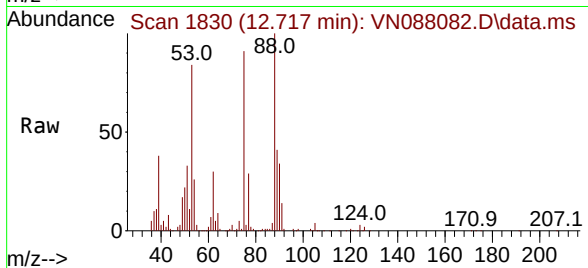
Tgt Ion:105 Resp: 1673751
Ion Ratio Lower Upper
105 100
120 47.8 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 98.182 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

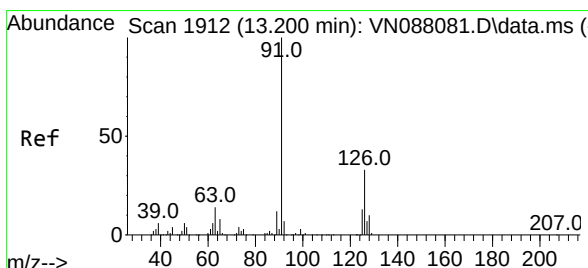
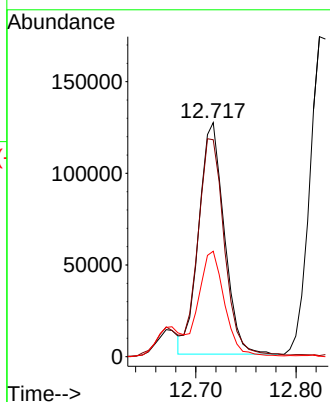
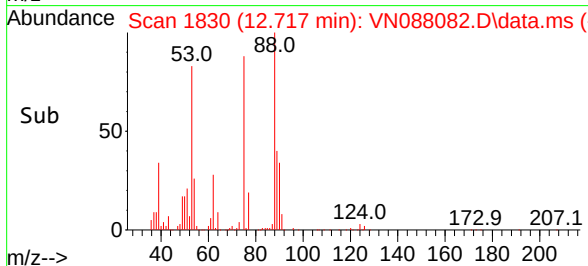
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 222990
Ion Ratio Lower Upper
75 100
53 95.9 101.8 152.6
89 45.8 35.6 53.4

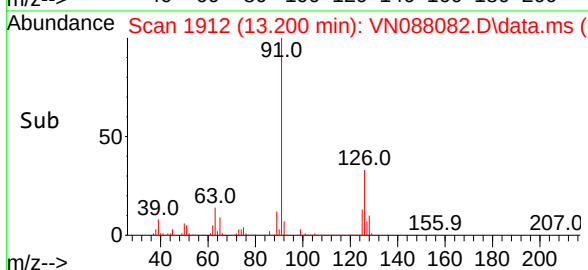
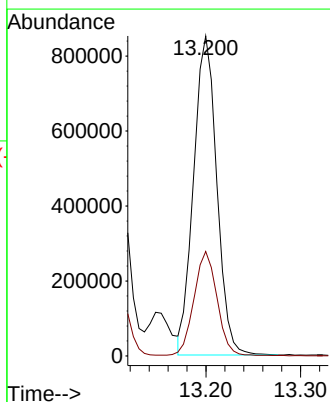
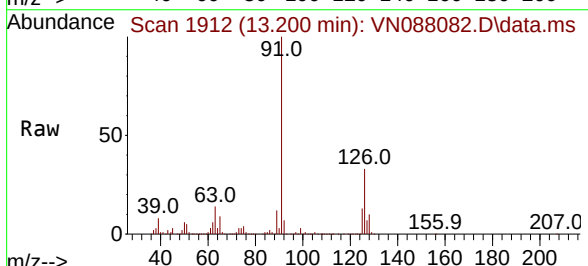
Manual Integrations
APPROVED

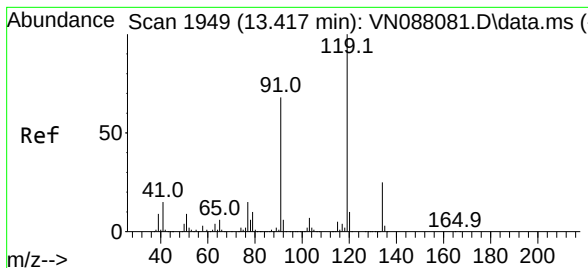
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#82
4-Chlorotoluene
Concen: 90.321 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

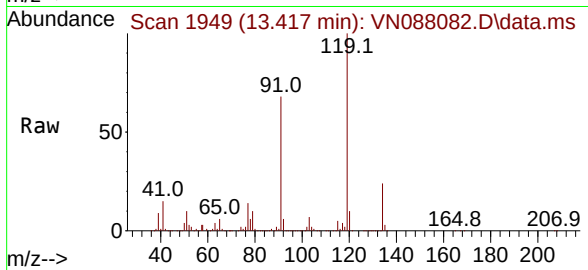
Tgt Ion: 91 Resp: 1449779
Ion Ratio Lower Upper
91 100
126 32.7 15.6 46.8





#83
tert-Butylbenzene
Concen: 92.484 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

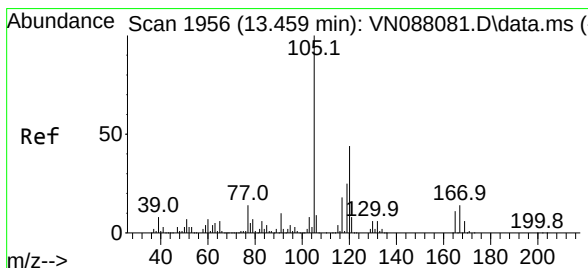
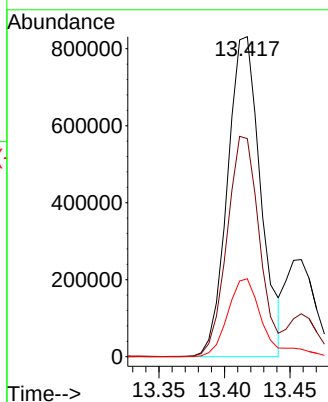
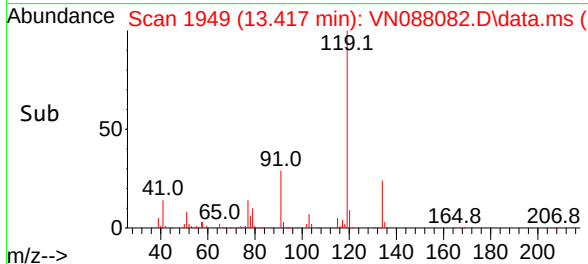
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



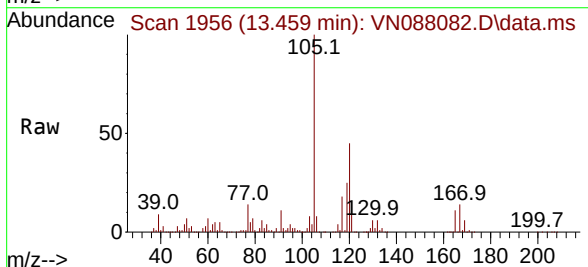
Tgt Ion:119 Resp: 1462710
Ion Ratio Lower Upper
119 100
91 67.0 35.0 105.0
134 25.9 12.6 37.8

Manual Integrations
APPROVED

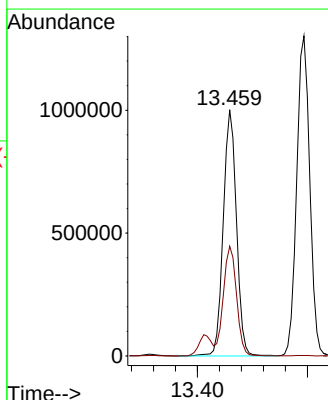
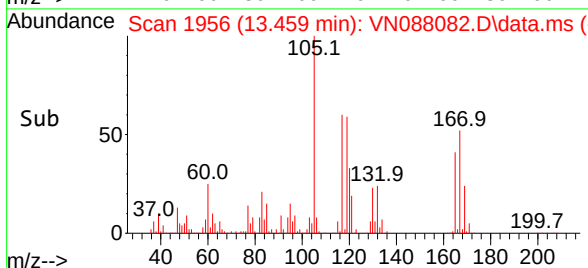
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

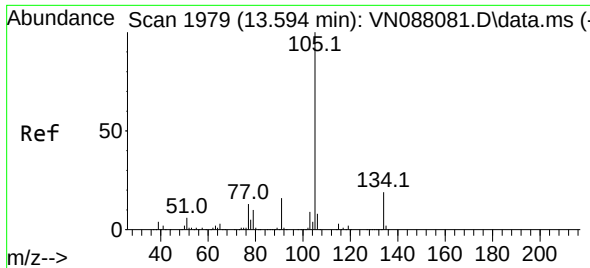


#84
1,2,4-Trimethylbenzene
Concen: 94.006 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



Tgt Ion:105 Resp: 1665233
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





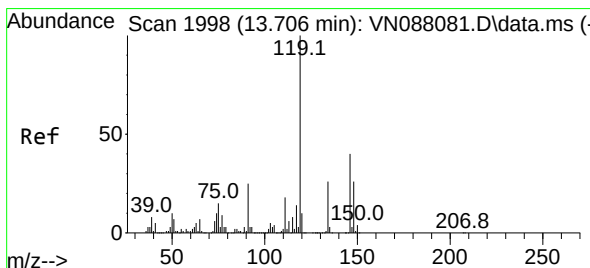
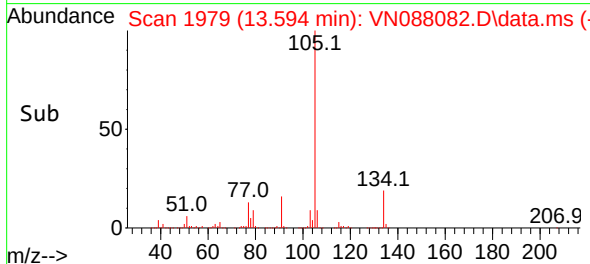
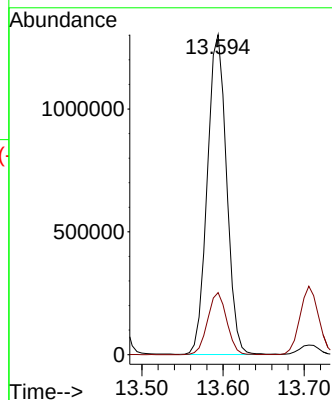
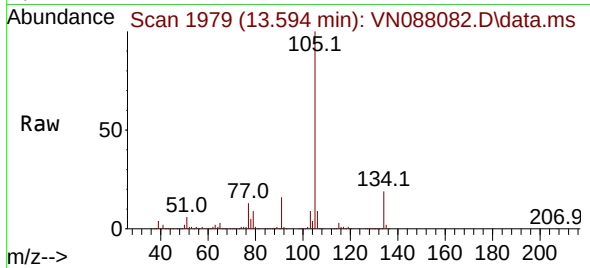
#85
 sec-Butylbenzene
 Concen: 92.338 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088082.D
 Acq: 23 Oct 2025 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 214564
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6

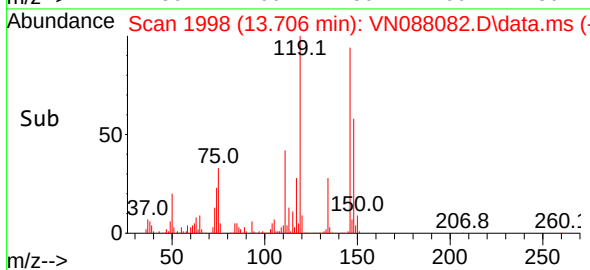
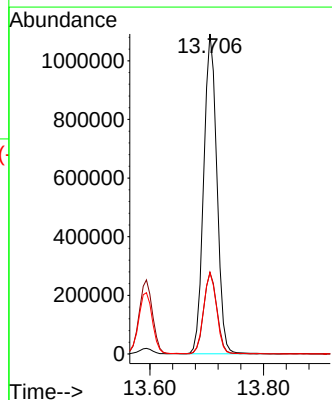
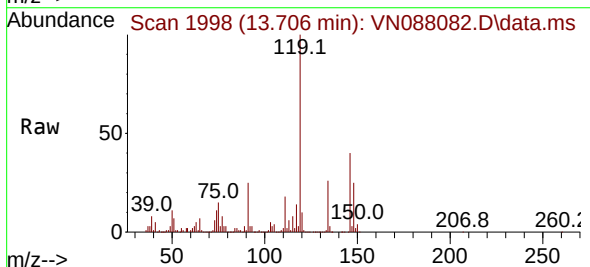
Manual Integrations
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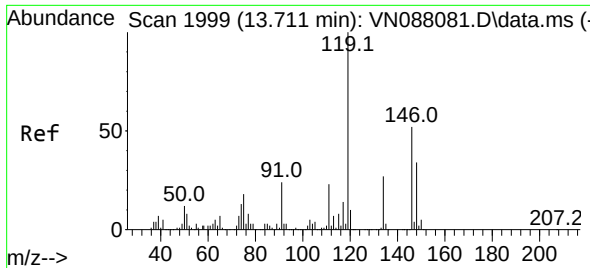
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#86
 p-Isopropyltoluene
 Concen: 94.017 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088082.D
 Acq: 23 Oct 2025 11:41

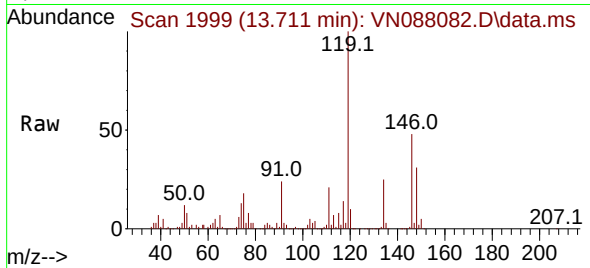
Tgt Ion:119 Resp: 1752529
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.0
 91 25.0 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 92.456 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

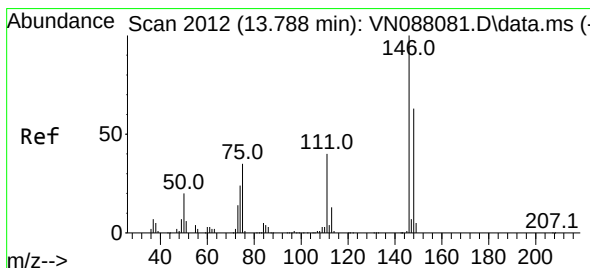
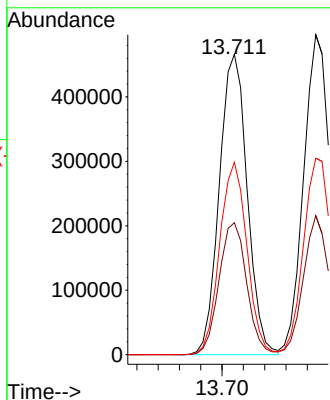
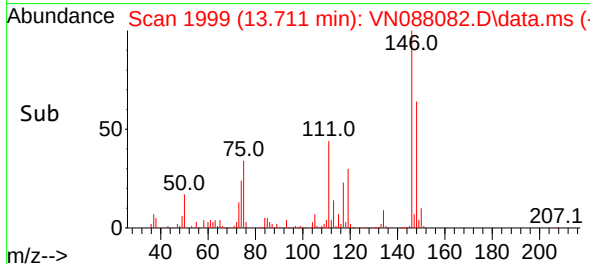
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



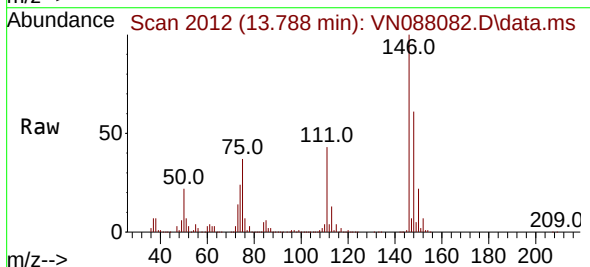
Tgt Ion:146 Resp: 848480
Ion Ratio Lower Upper
146 100
111 43.7 22.1 66.5
148 62.7 32.0 96.2

Manual Integrations
APPROVED

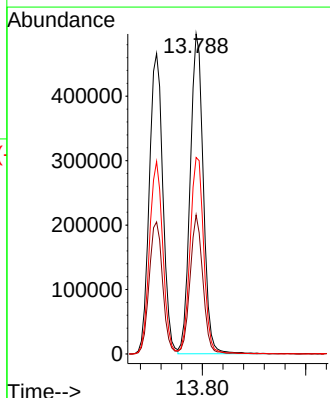
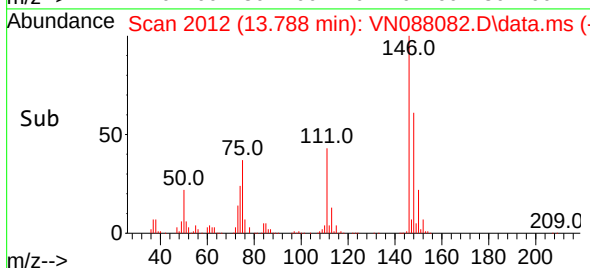
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

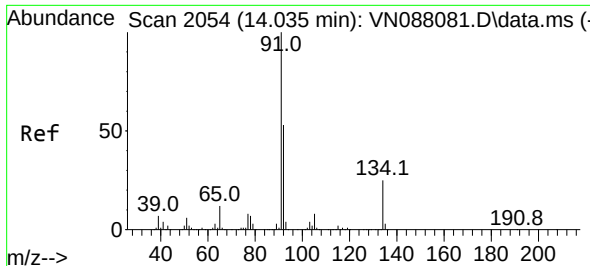


#88
1,4-Dichlorobenzene
Concen: 88.514 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41



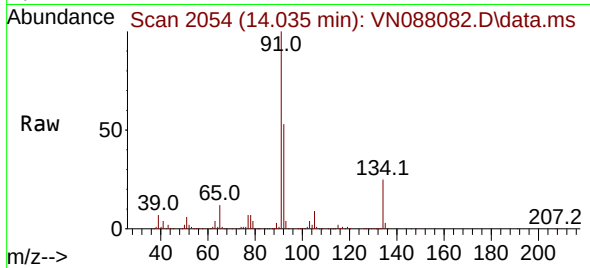
Tgt Ion:146 Resp: 874733
Ion Ratio Lower Upper
146 100
111 41.7 21.0 63.0
148 63.2 32.0 96.0





#89
n-Butylbenzene
Concen: 94.560 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

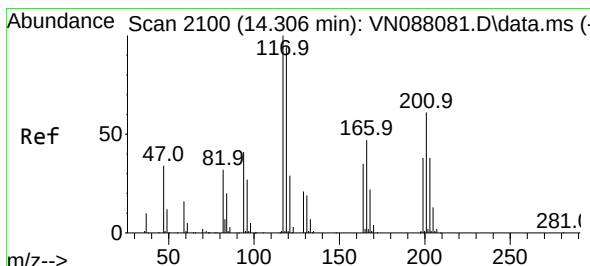
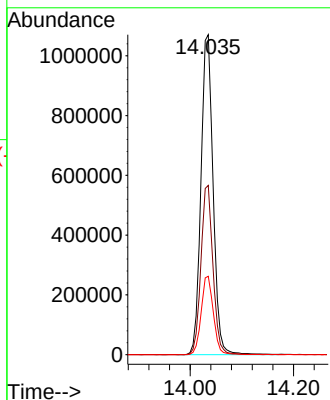
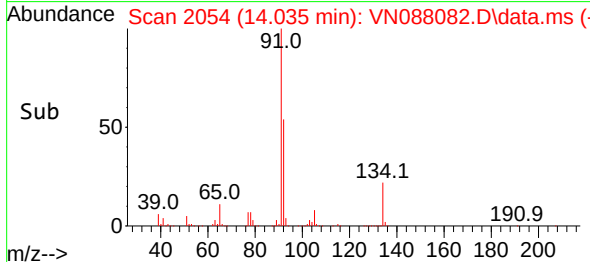
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 1745999
Ion Ratio Lower Upper
91 100
92 52.6 25.9 77.8
134 24.5 11.7 35.0

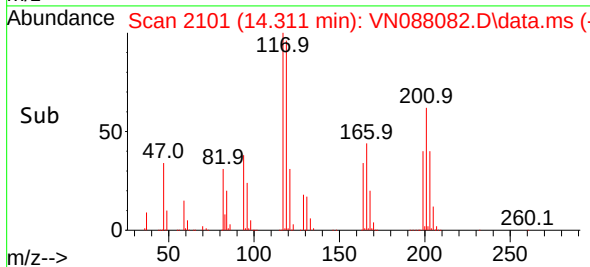
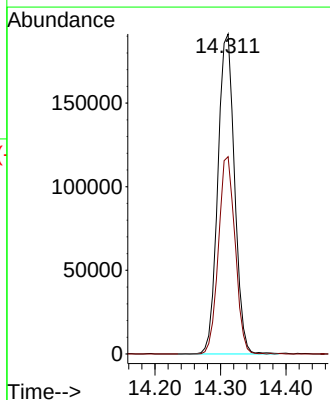
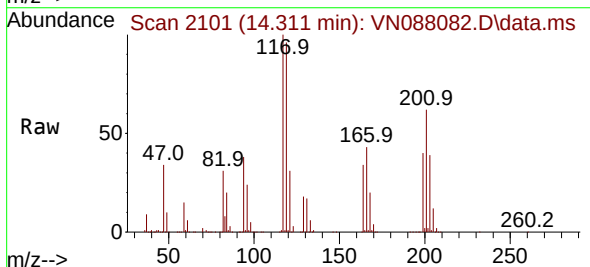
Manual Integrations
APPROVED

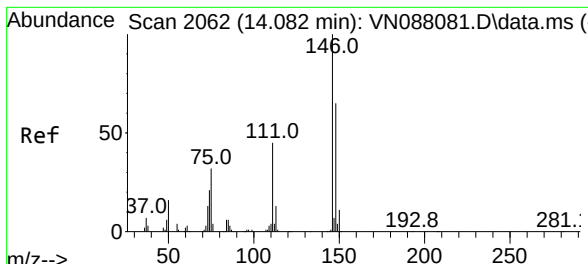
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 93.379 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

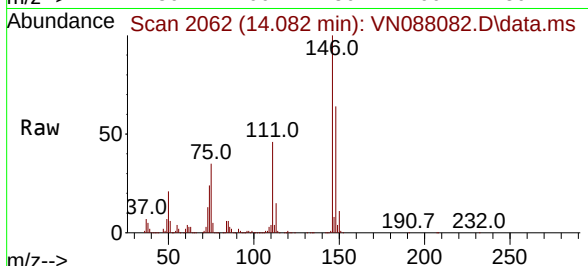
Tgt Ion:117 Resp: 337079
Ion Ratio Lower Upper
117 100
201 61.4 29.1 87.4





#91
 1,2-Dichlorobenzene
 Concen: 91.813 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088082.D
 Acq: 23 Oct 2025 11:41

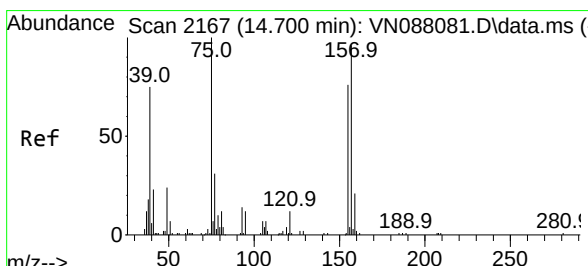
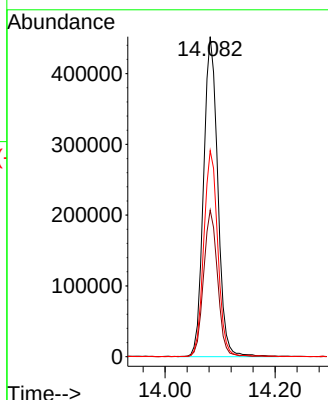
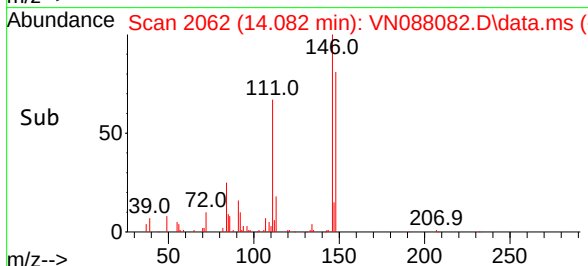
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



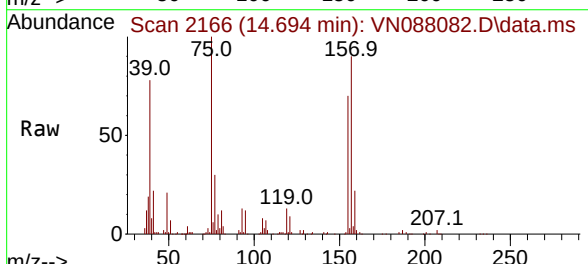
Tgt Ion:146 Resp: 812199
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.6 67.8
 148 63.5 31.9 95.9

Manual Integrations
 APPROVED

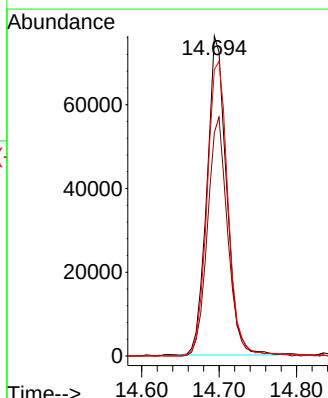
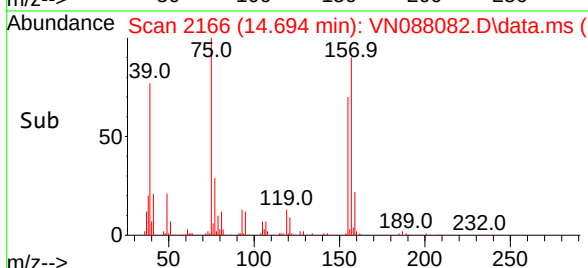
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

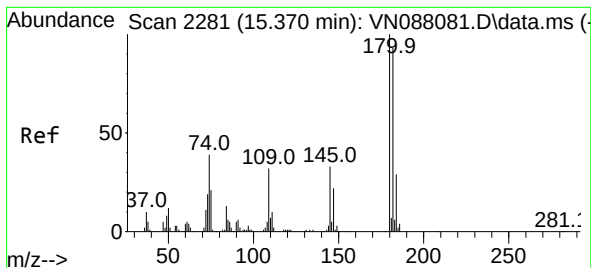


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 86.956 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088082.D
 Acq: 23 Oct 2025 11:41



Tgt Ion: 75 Resp: 134329
 Ion Ratio Lower Upper
 75 100
 155 77.4 36.6 109.9
 157 98.2 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 93.098 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088082.D

Acq: 23 Oct 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 49876

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.9

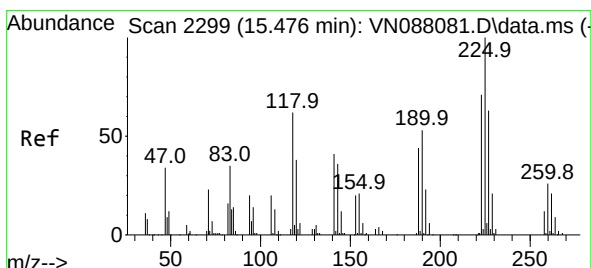
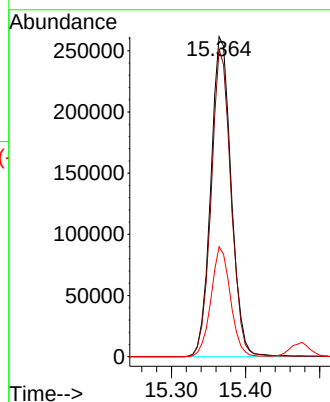
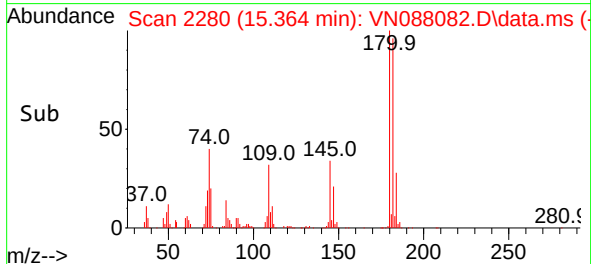
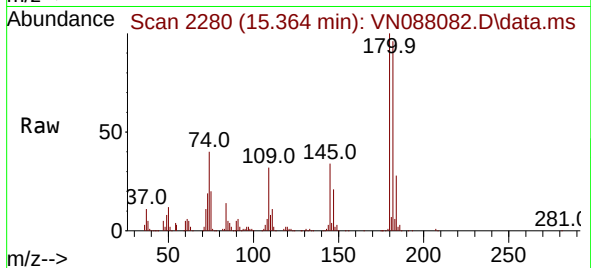
145 32.9 16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#94

Hexachlorobutadiene

Concen: 88.389 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN088082.D

Acq: 23 Oct 2025 11:41

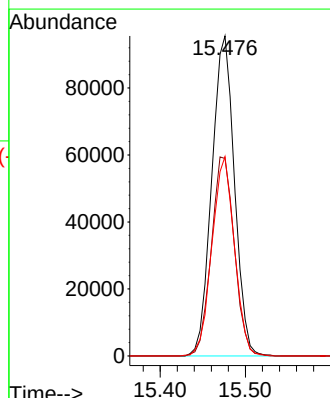
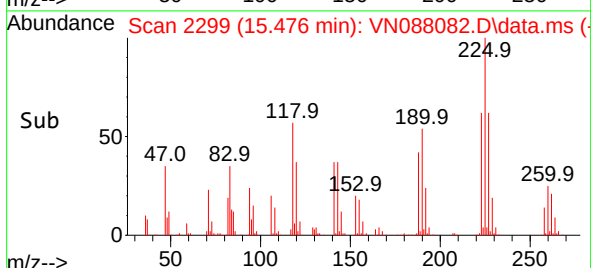
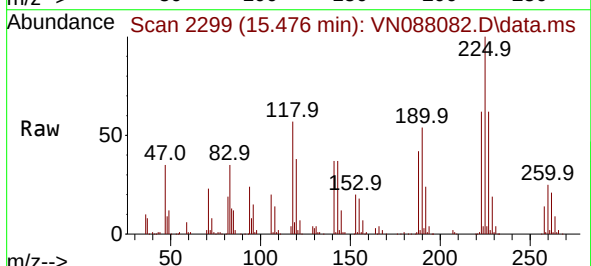
Tgt Ion:225 Resp: 176342

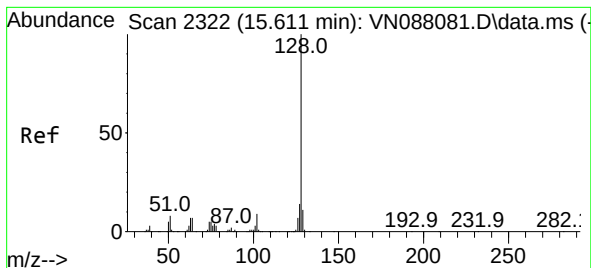
Ion Ratio Lower Upper

225 100

223 63.2 32.0 96.2

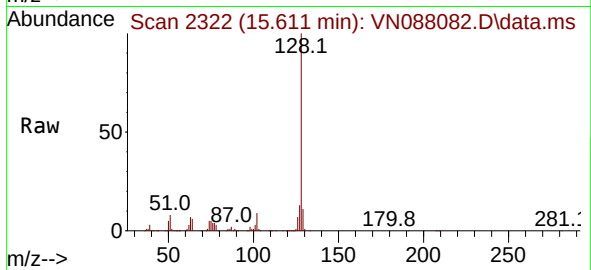
227 61.6 32.1 96.5





#95
Naphthalene
Concen: 96.473 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

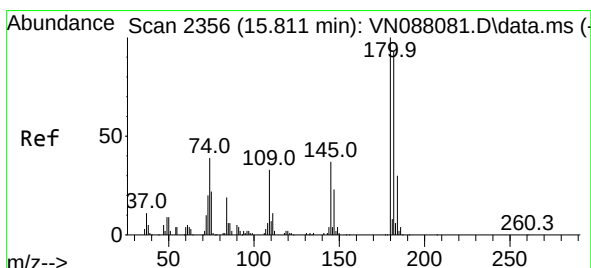
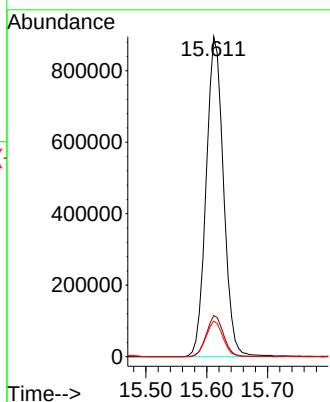
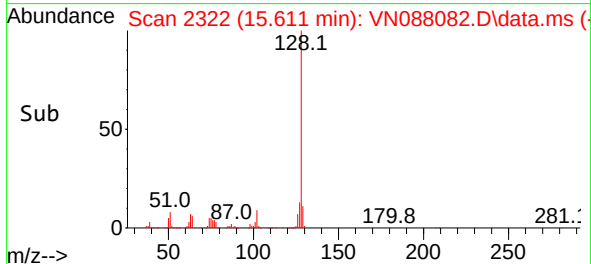
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 1770584
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.0 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: 91.276 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088082.D
Acq: 23 Oct 2025 11:41

Tgt Ion:180 Resp: 468875
Ion Ratio Lower Upper
180 100
182 95.0 46.8 140.3
145 36.1 17.3 52.0

