

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087506.D
 Acq On : 12 Aug 2025 12:15
 Operator : JC\MD
 Sample : VN0812WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD01

Quant Time: Aug 13 03:01:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	316315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	602749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	538329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	271905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	293328	54.652	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.300%			
35) Dibromofluoromethane	8.153	113	199025	47.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.740%			
50) Toluene-d8	10.547	98	729008	49.154	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	12.829	95	275991	50.369	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	81009	24.112	ug/l	94
3) Chloromethane	2.383	50	73711	17.447	ug/l	97
4) Vinyl Chloride	2.536	62	83444	19.874	ug/l	99
5) Bromomethane	2.977	94	41884	19.264	ug/l	99
6) Chloroethane	3.136	64	56927	20.790	ug/l	95
7) Trichlorofluoromethane	3.512	101	123785	19.938	ug/l	99
8) Diethyl Ether	3.965	74	51871	21.538	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	67497	21.179	ug/l	96
10) Methyl Iodide	4.583	142	36328	15.463	ug/l	97
11) Tert butyl alcohol	5.524	59	102209	100.292	ug/l	100
12) 1,1-Dichloroethene	4.336	96	69852	19.341	ug/l	98
13) Acrolein	4.171	56	99431	121.574	ug/l	98
14) Allyl chloride	5.006	41	124999	19.125	ug/l	90
15) Acrylonitrile	5.712	53	263751	95.373	ug/l	99
16) Acetone	4.418	43	255295	101.448	ug/l	97
17) Carbon Disulfide	4.700	76	196026	18.308	ug/l #	92
18) Methyl Acetate	5.018	43	133709	21.148	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	286216	21.501	ug/l	99
20) Methylene Chloride	5.265	84	82662	19.035	ug/l #	92
21) trans-1,2-Dichloroethene	5.777	96	75663	18.580	ug/l	97
22) Diisopropyl ether	6.659	45	288633	21.053	ug/l	93
23) Vinyl Acetate	6.594	43	1342042	111.925	ug/l	100
24) 1,1-Dichloroethane	6.553	63	151494	19.153	ug/l	99
25) 2-Butanone	7.471	43	375178	96.490	ug/l	99
26) 2,2-Dichloropropane	7.471	77	137342	22.334	ug/l	96
27) cis-1,2-Dichloroethene	7.477	96	91677	19.554	ug/l	93
28) Bromochloromethane	7.794	49	79375	20.968	ug/l	93
29) Tetrahydrofuran	7.830	42	242813	96.128	ug/l	99
30) Chloroform	7.953	83	158757	20.053	ug/l	99
31) Cyclohexane	8.241	56	134129	20.328	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	138332	20.174	ug/l	100
36) 1,1-Dichloropropene	8.353	75	105428	19.193	ug/l	98
37) Ethyl Acetate	7.547	43	150932	19.025	ug/l	96
38) Carbon Tetrachloride	8.347	117	112293	18.557	ug/l	97
39) Methylcyclohexane	9.582	83	126244	21.228	ug/l	97
40) Benzene	8.588	78	334355	18.833	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	83268	20.073	ug/l	97
42) 1,2-Dichloroethane	8.653	62	133532	19.834	ug/l	97
43) Isopropyl Acetate	8.677	43	248054	20.142	ug/l	98
44) Trichloroethene	9.335	130	75314	17.953	ug/l	95
45) 1,2-Dichloropropane	9.606	63	83396	18.487	ug/l	100
46) Dibromomethane	9.688	93	65028	19.253	ug/l	96
47) Bromodichloromethane	9.865	83	131255	19.293	ug/l	97
48) Methyl methacrylate	9.665	41	121895	21.986	ug/l	92
49) 1,4-Dioxane	9.682	88	32230	379.553	ug/l #	96
51) 4-Methyl-2-Pentanone	10.429	43	741796	95.234	ug/l	99
52) Toluene	10.612	92	202515	18.767	ug/l	95
53) t-1,3-Dichloropropene	10.818	75	141175	20.504	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	139104	19.559	ug/l #	86
55) 1,1,2-Trichloroethane	11.000	97	82621	18.912	ug/l	93
56) Ethyl methacrylate	10.859	69	136760	19.396	ug/l #	91
57) 1,3-Dichloropropane	11.147	76	143609	19.012	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	400299	111.697	ug/l	98
59) 2-Hexanone	11.182	43	487628	94.359	ug/l	99
60) Dibromochloromethane	11.341	129	89968	18.057	ug/l	98
61) 1,2-Dibromoethane	11.453	107	85152	18.537	ug/l	94
64) Tetrachloroethene	11.082	164	60688	17.516	ug/l	93
65) Chlorobenzene	11.871	112	223600	18.501	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	75727	18.427	ug/l	98
67) Ethyl Benzene	11.941	91	397671	19.987	ug/l	96
68) m/p-Xylenes	12.053	106	285031	38.257	ug/l	88
69) o-Xylene	12.376	106	145282	20.414	ug/l	98
70) Styrene	12.388	104	237836	19.866	ug/l	96
71) Bromoform	12.559	173	59255	17.847	ug/l #	100
73) Isopropylbenzene	12.676	105	372519	21.768	ug/l	97
74) N-amyl acetate	12.523	43	129419m	18.202	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	125948	19.559	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	119046m	19.525	ug/l	
77) Bromobenzene	12.959	156	85950	19.366	ug/l	93
78) n-propylbenzene	13.018	91	464459	21.572	ug/l	96
79) 2-Chlorotoluene	13.106	91	274748	20.763	ug/l	96
80) 1,3,5-Trimethylbenzene	13.153	105	317546	21.778	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.718	75	36401	16.335	ug/l	90
82) 4-Chlorotoluene	13.200	91	286168	20.772	ug/l	96
83) tert-Butylbenzene	13.418	119	269275	22.112	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	318879	21.415	ug/l	96
85) sec-Butylbenzene	13.594	105	399890	21.800	ug/l	98
86) p-Isopropyltoluene	13.706	119	330968	22.514	ug/l	96
87) 1,3-Dichlorobenzene	13.712	146	164685	18.907	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	172838	18.579	ug/l	96
89) n-Butylbenzene	14.035	91	331861	23.642	ug/l	99
90) Hexachloroethane	14.312	117	60565	19.445	ug/l	94
91) 1,2-Dichlorobenzene	14.088	146	159900	19.377	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	30887	18.270	ug/l	96
93) 1,2,4-Trichlorobenzene	15.364	180	98215	20.262	ug/l	98
94) Hexachlorobutadiene	15.476	225	40380	22.420	ug/l	96
95) Naphthalene	15.617	128	352249	20.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	95710	19.684	ug/l	97

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ClientSampleId :
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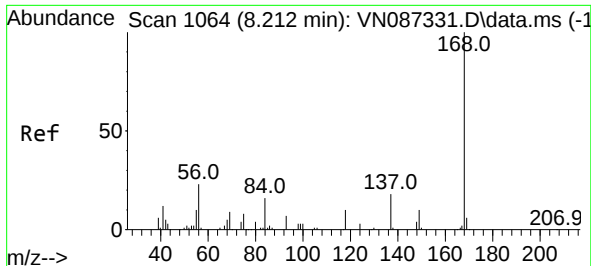
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/14/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

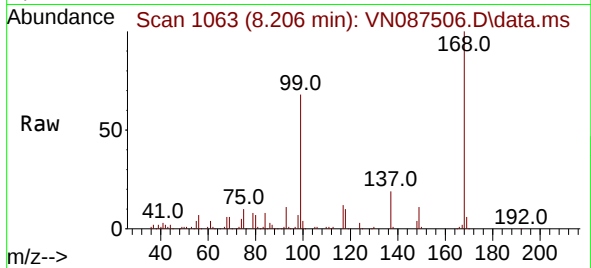
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1064
Delta R.T. -0.006 min
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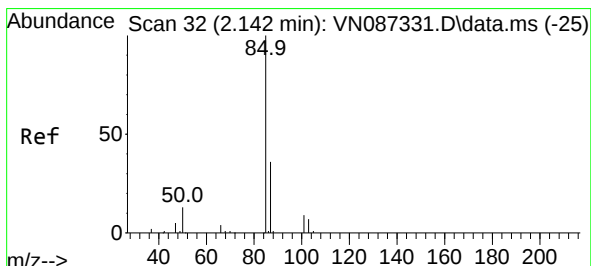
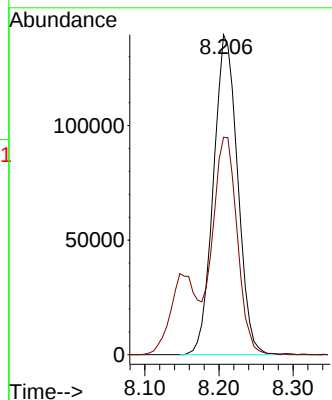
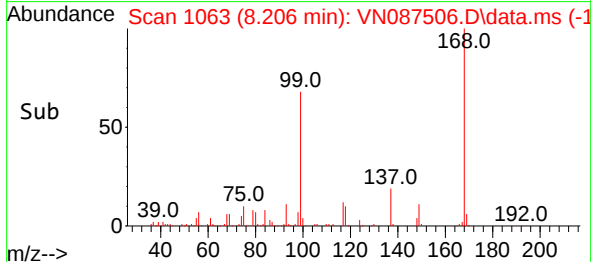
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion:168 Resp: 31631
Ion Ratio Lower Upper
168 100
99 67.9 47.9 71.9

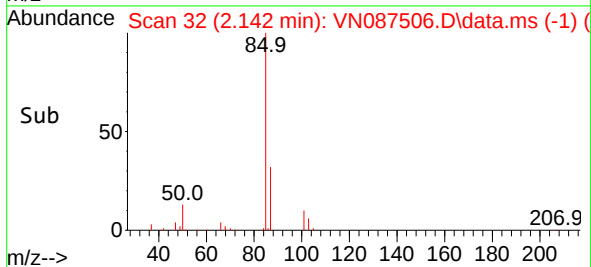
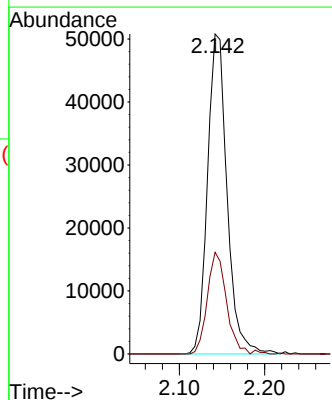
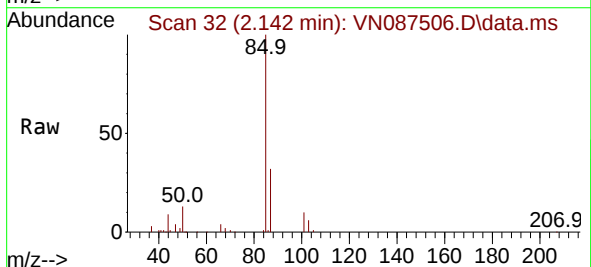
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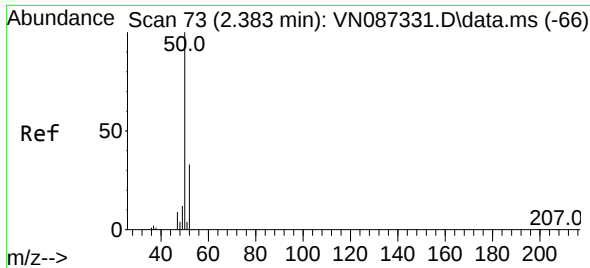
Reviewed By :John Carlone 08/13/2025
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#2
Dichlorodifluoromethane
Concen: 24.112 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

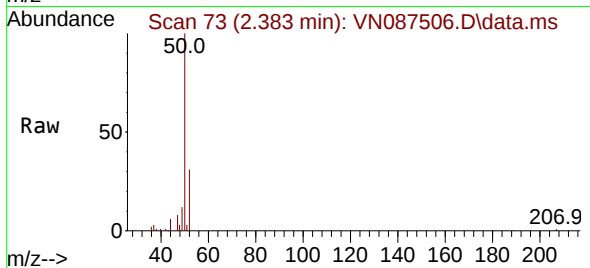
Tgt Ion: 85 Resp: 81009
Ion Ratio Lower Upper
85 100
87 31.8 17.8 53.3





#3
Chloromethane
Concen: 17.447 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

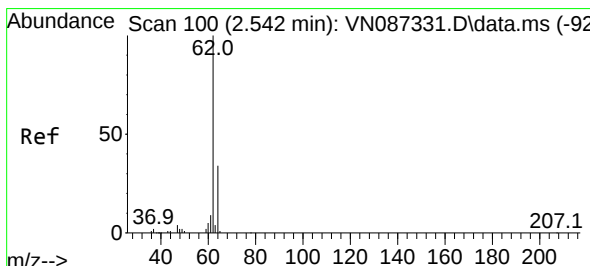
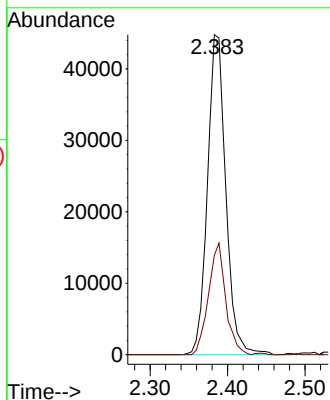
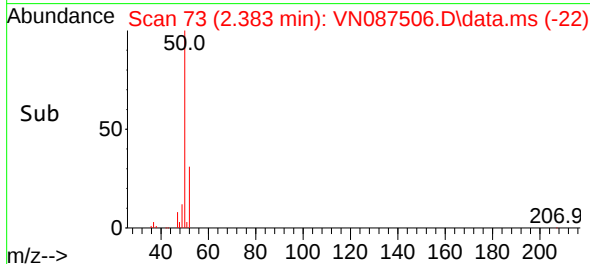
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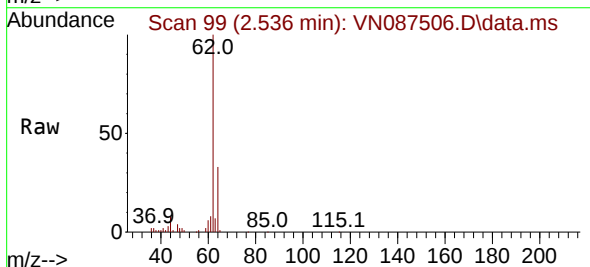
Tgt Ion: 50 Resp: 7371
Ion Ratio Lower Upper
50 100
52 31.1 26.3 39.5

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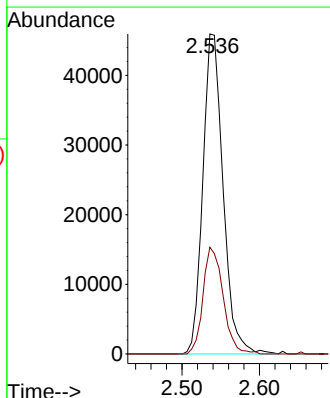
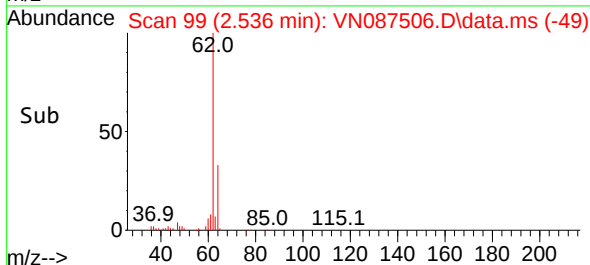
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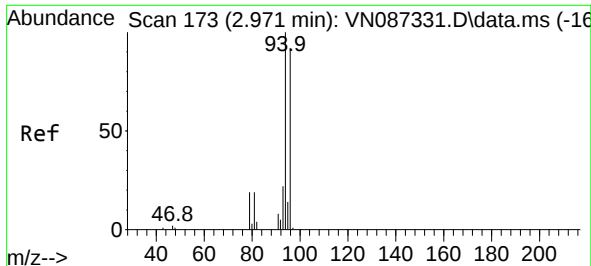


#4
Vinyl Chloride
Concen: 19.874 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



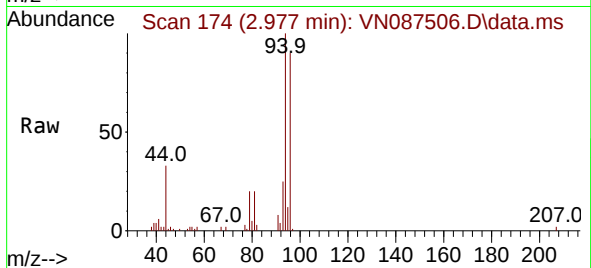
Tgt Ion: 62 Resp: 83444
Ion Ratio Lower Upper
62 100
64 33.4 27.0 40.6





#5
Bromomethane
Concen: 19.264 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

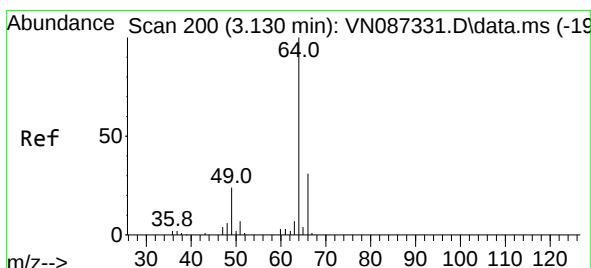
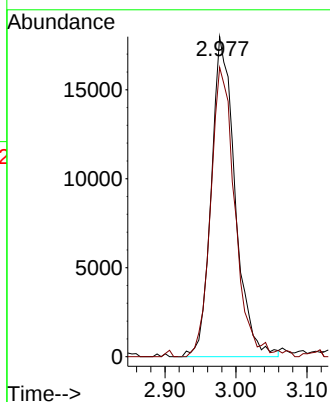
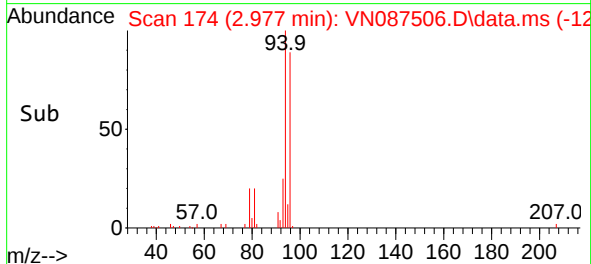
Instrument :
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Tgt Ion: 94 Resp: 41884
Ion Ratio Lower Upper
94 100
96 90.4 73.4 110.2

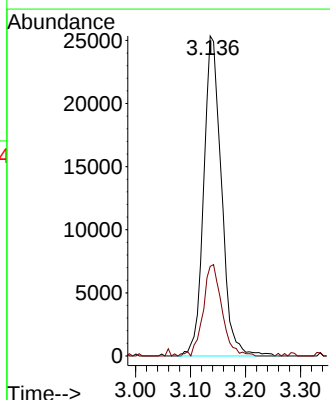
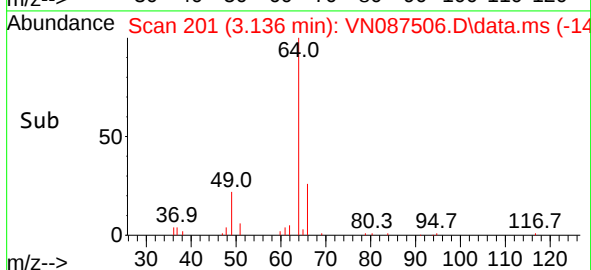
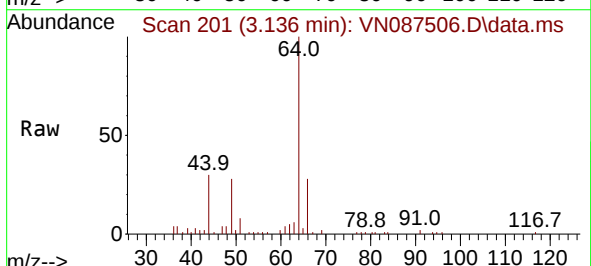
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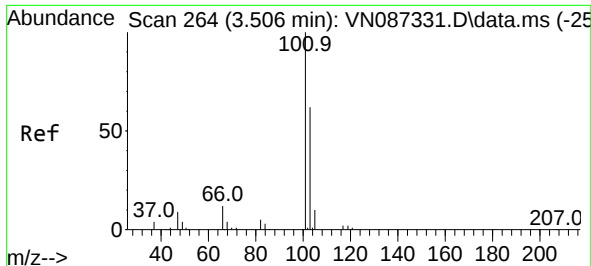
Reviewed By :John Carlone 08/13/2025
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#6
Chloroethane
Concen: 20.790 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

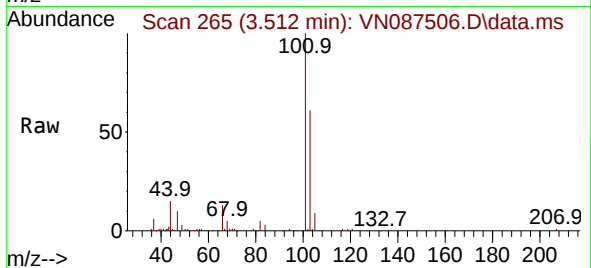
Tgt Ion: 64 Resp: 56927
Ion Ratio Lower Upper
64 100
66 28.0 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 19.938 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15

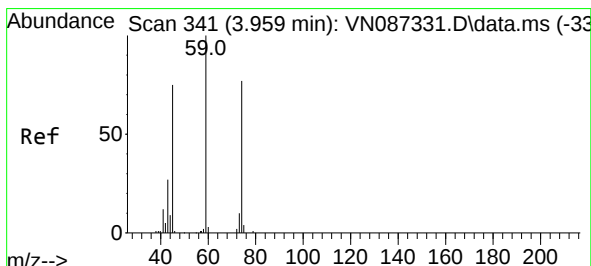
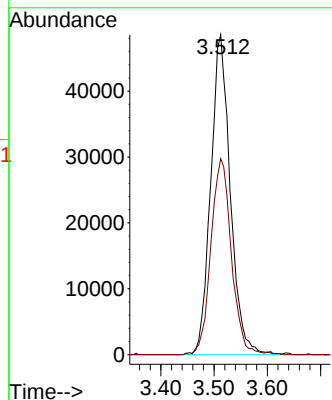
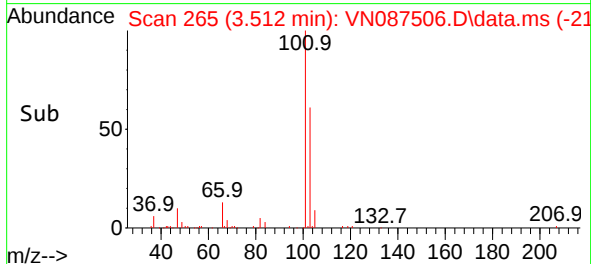
Instrument :
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Tgt Ion:101 Resp: 12378
 Ion Ratio Lower Upper
 101 100
 103 61.3 49.8 74.6

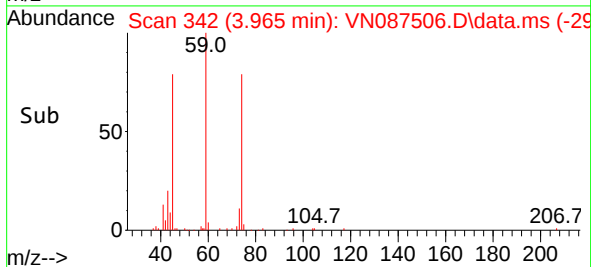
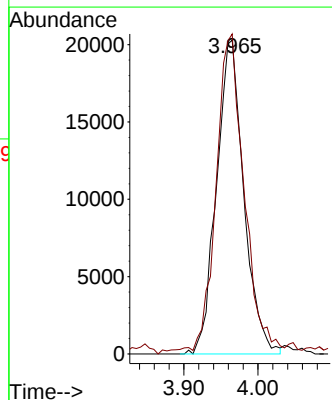
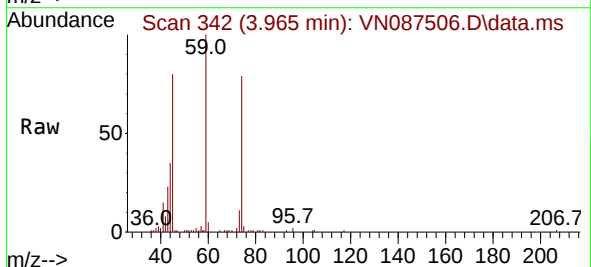
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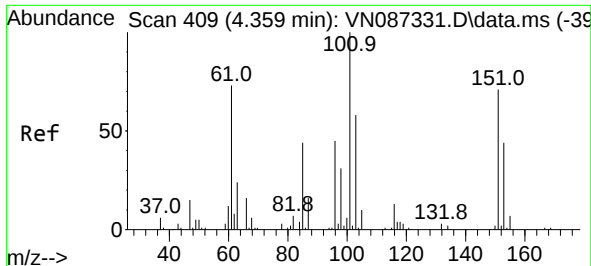
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#8
 Diethyl Ether
 Concen: 21.538 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN087506.D
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Tgt Ion: 74 Resp: 51871
 Ion Ratio Lower Upper
 74 100
 45 106.2 50.8 152.5





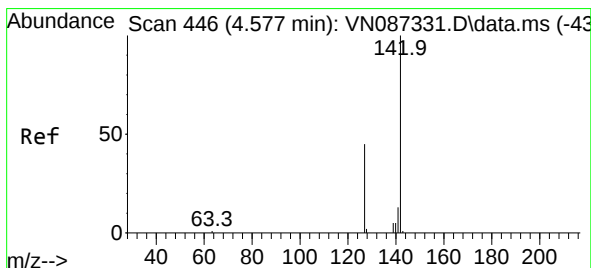
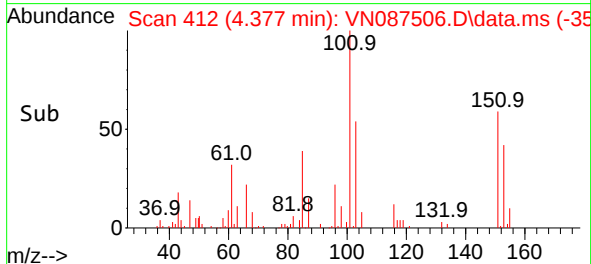
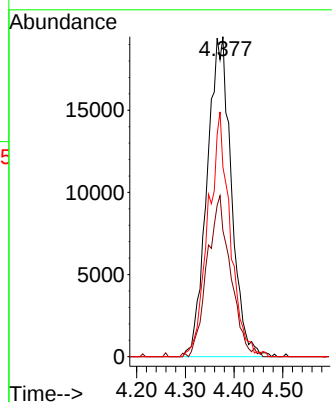
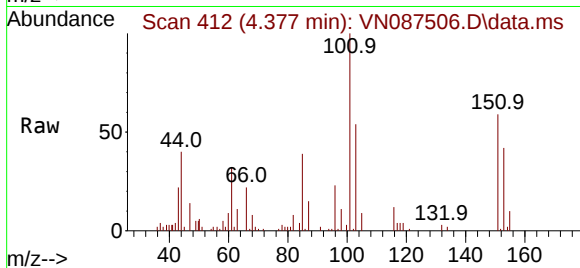
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.179 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.018 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01

Tgt Ion:101 Resp: 6749
Ion Ratio Lower Upper
101 100
85 48.5 37.3 55.9
151 69.1 58.9 88.3

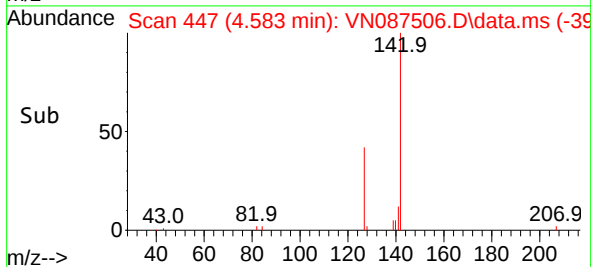
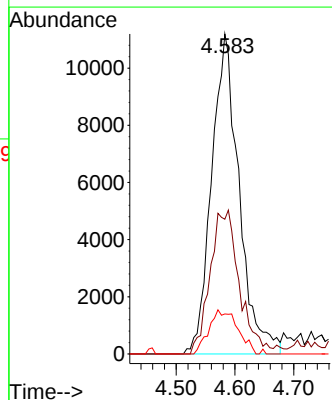
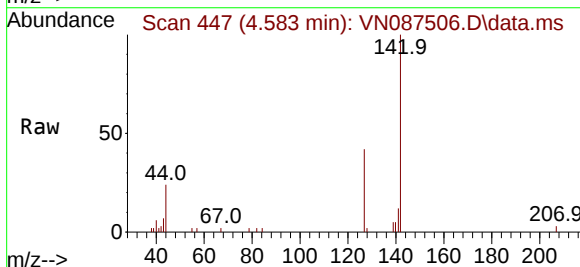
Manual Integrations
APPROVED

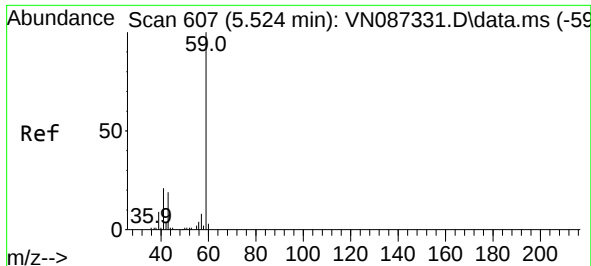
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#10
Methyl Iodide
Concen: 15.463 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

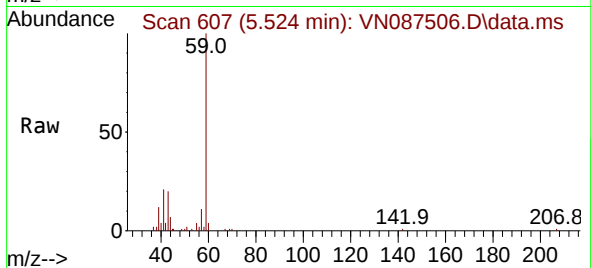
Tgt Ion:142 Resp: 36328
Ion Ratio Lower Upper
142 100
127 42.1 35.7 53.5
141 12.5 10.4 15.6





#11
Tert butyl alcohol
Concen: 100.292 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

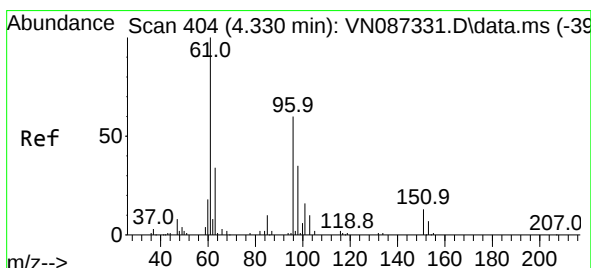
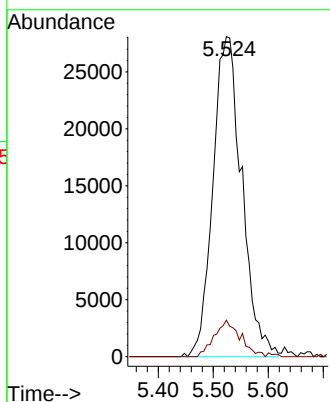
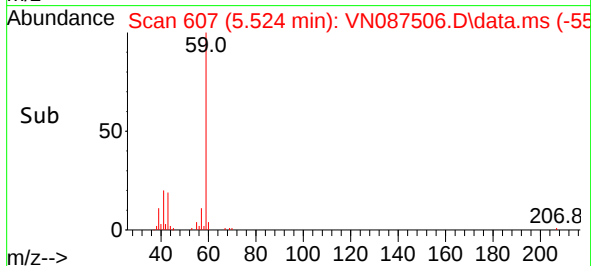
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



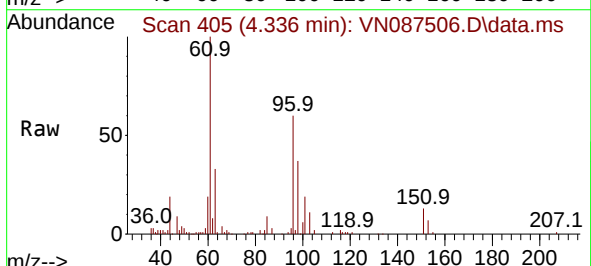
Tgt Ion: 59 Resp: 102209
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
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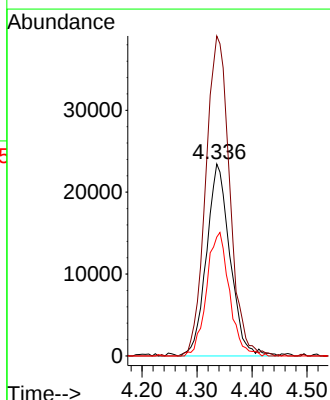
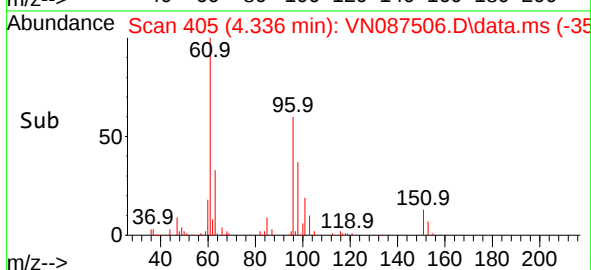
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

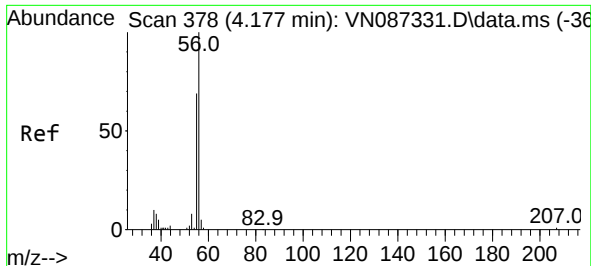


#12
1,1-Dichloroethene
Concen: 19.341 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



Tgt Ion: 96 Resp: 69852
Ion Ratio Lower Upper
96 100
61 166.7 132.3 198.5
98 62.0 46.8 70.2





#13

Acrolein

Concen: 121.574 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD01

Tgt Ion: 56 Resp: 9943

Ion Ratio Lower Upper

56 100

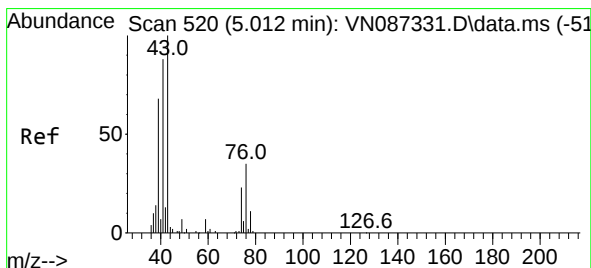
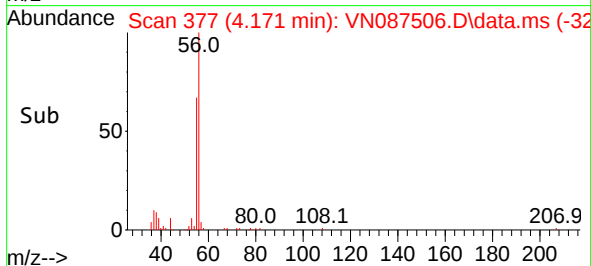
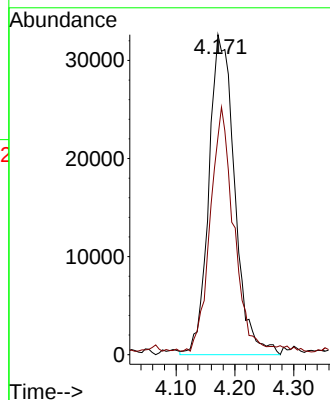
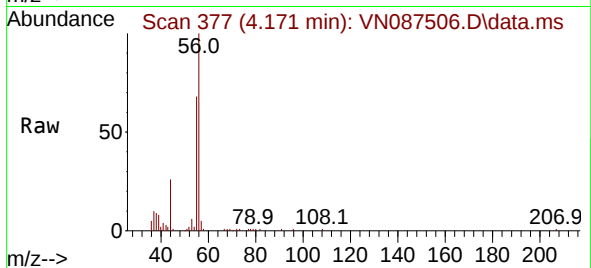
55 68.5 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#14

Allyl chloride

Concen: 19.125 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.006 min

Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

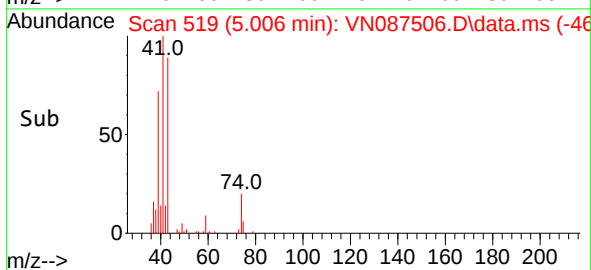
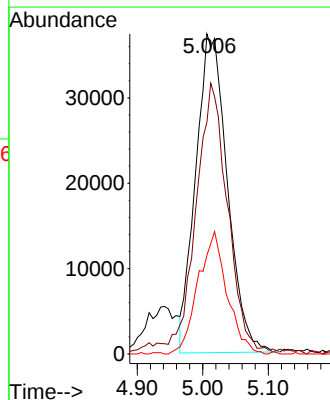
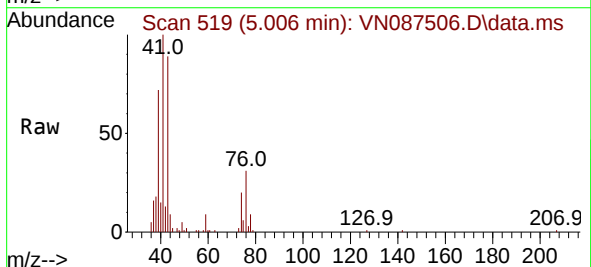
Tgt Ion: 41 Resp: 124999

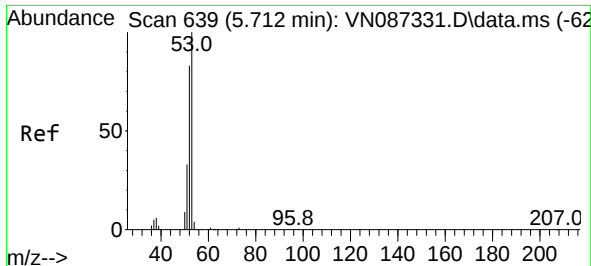
Ion Ratio Lower Upper

41 100

39 85.8 59.0 88.6

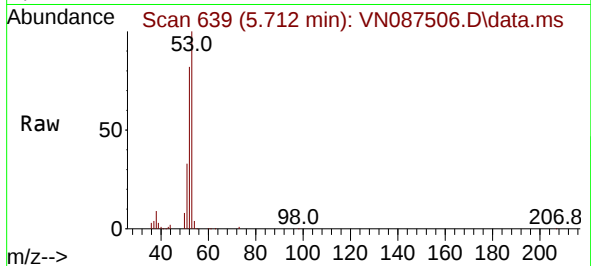
76 35.3 28.7 43.1





#15
Acrylonitrile
Concen: 95.373 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

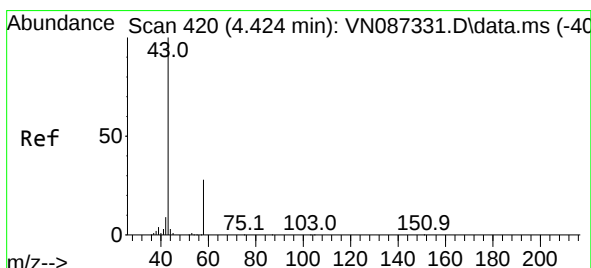
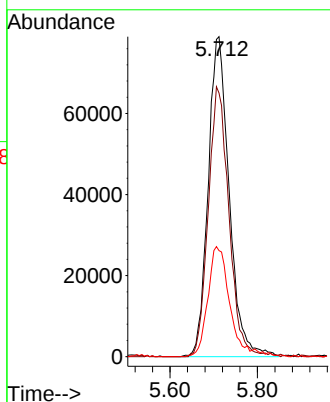
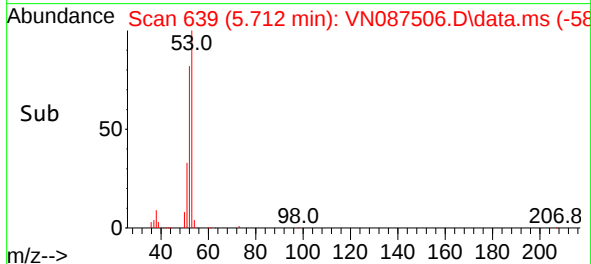
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 53 Resp: 26375
Ion Ratio Lower Upper
53 100
52 82.9 65.5 98.3
51 36.1 28.7 43.1

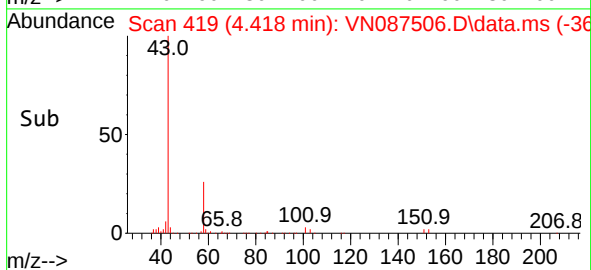
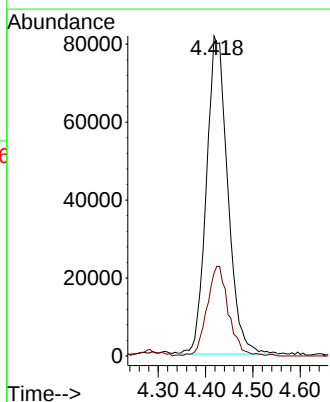
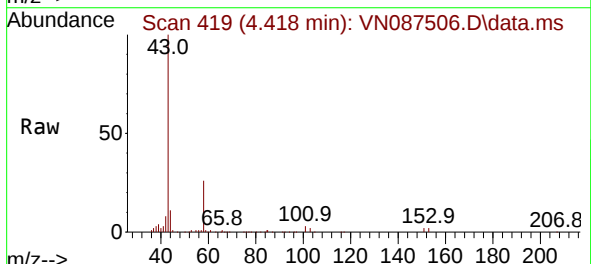
Manual Integrations
APPROVED

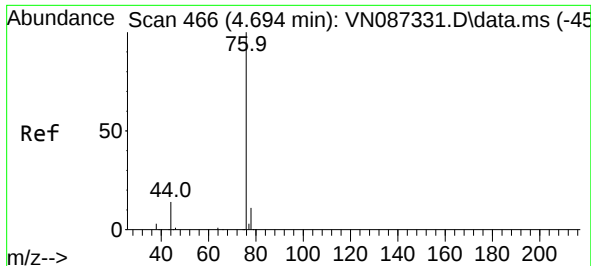
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#16
Acetone
Concen: 101.448 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

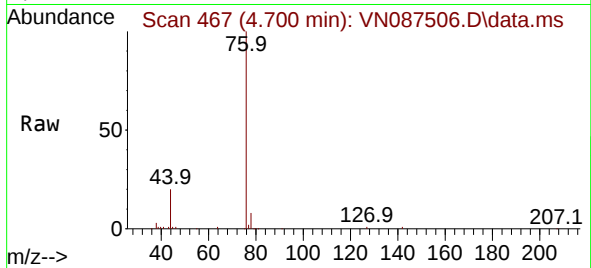
Tgt Ion: 43 Resp: 255295
Ion Ratio Lower Upper
43 100
58 26.1 22.3 33.5





#17
Carbon Disulfide
Concen: 18.308 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

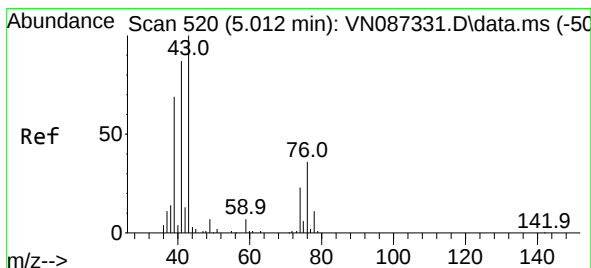
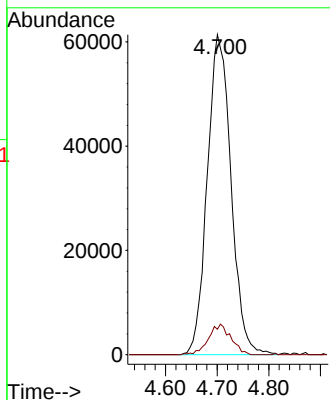
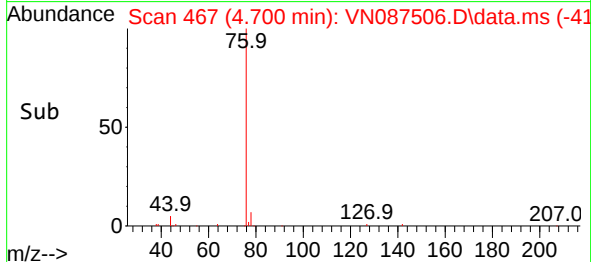
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 76 Resp: 196020
Ion Ratio Lower Upper
76 100
78 7.9 8.6 13.0

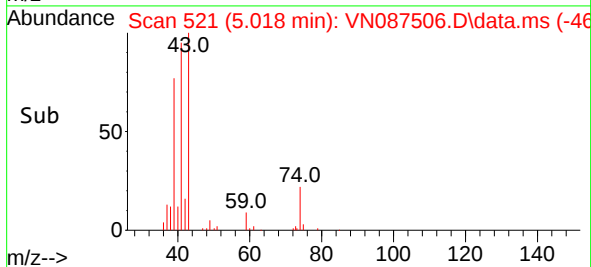
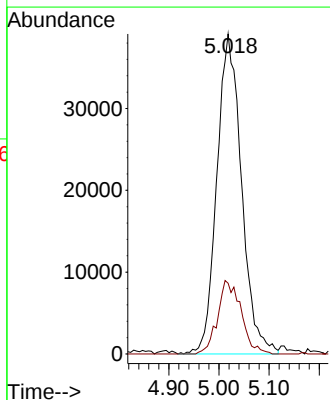
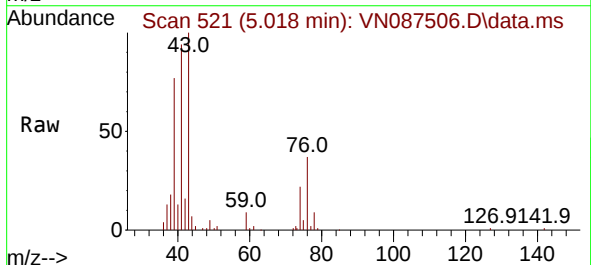
Manual Integrations
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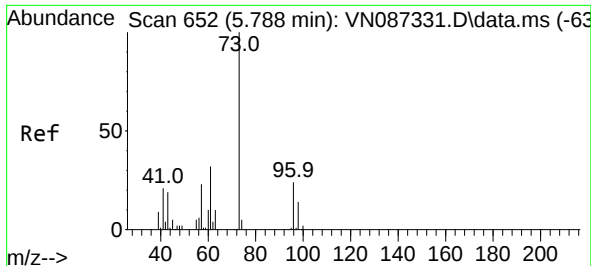
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#18
Methyl Acetate
Concen: 21.148 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

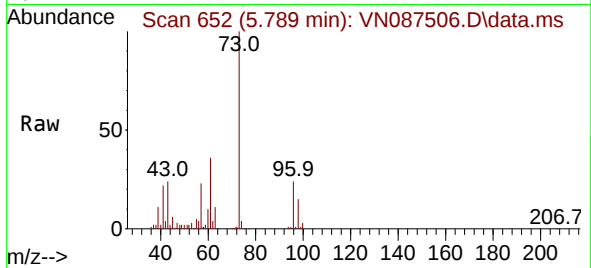
Tgt Ion: 43 Resp: 133709
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 21.501 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

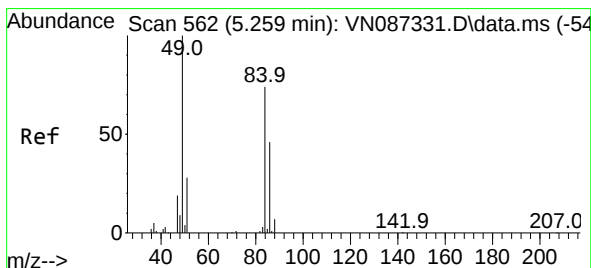
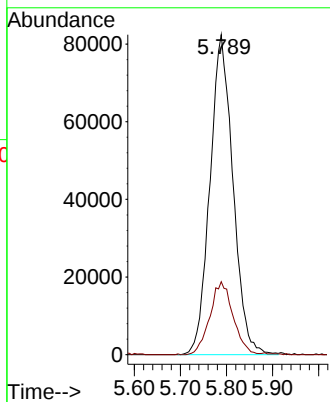
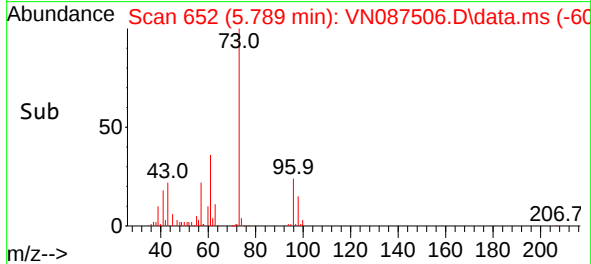
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 73 Resp: 286210
Ion Ratio Lower Upper
73 100
57 22.6 18.6 27.8

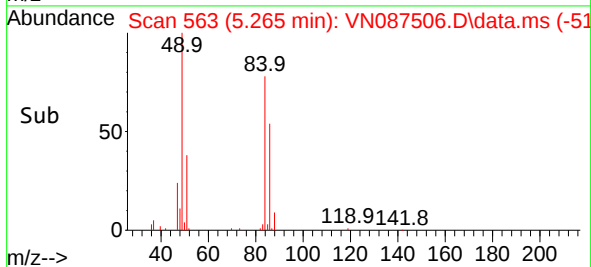
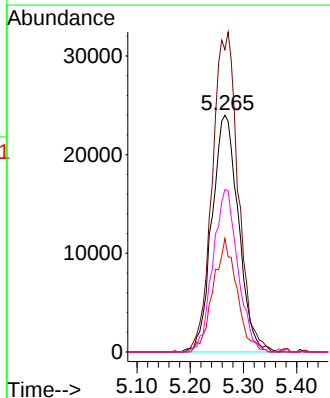
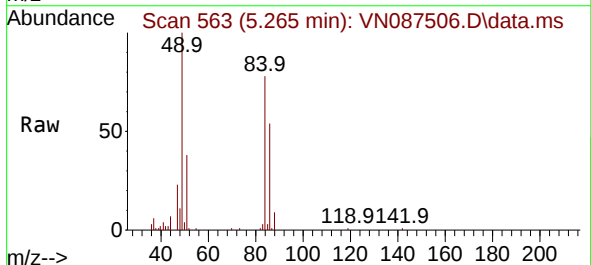
Manual Integrations
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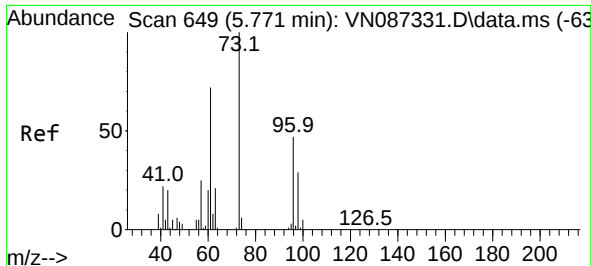
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#20
Methylene Chloride
Concen: 19.035 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

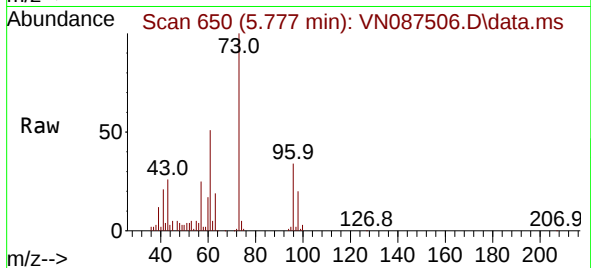
Tgt Ion: 84 Resp: 82662
Ion Ratio Lower Upper
84 100
49 127.8 107.5 161.3
51 47.9 30.2 45.2#
86 68.6 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 18.580 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

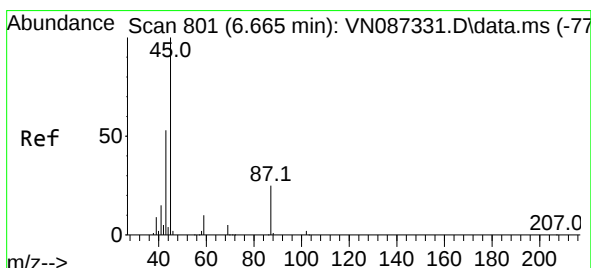
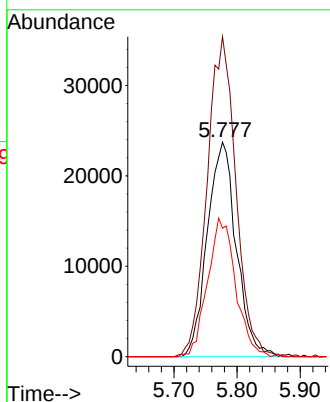
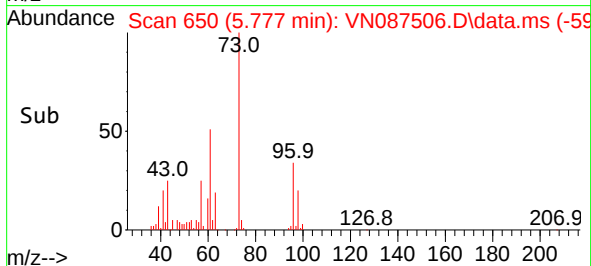
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 96 Resp: 7566
Ion Ratio Lower Upper
96 100
61 148.4 122.0 183.0
98 59.9 50.0 75.0

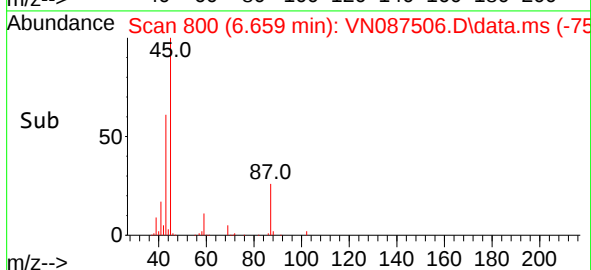
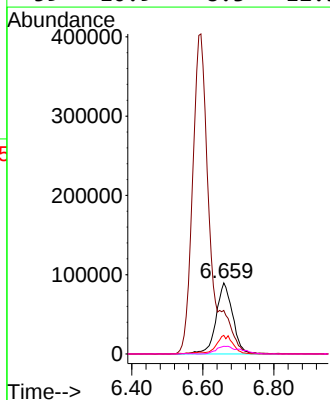
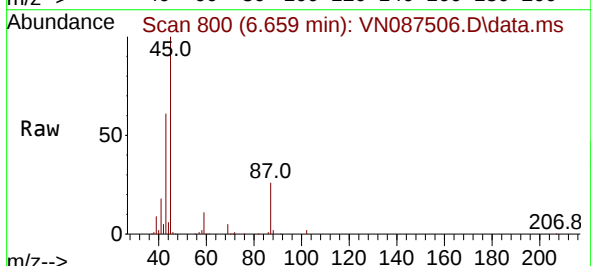
Manual Integrations
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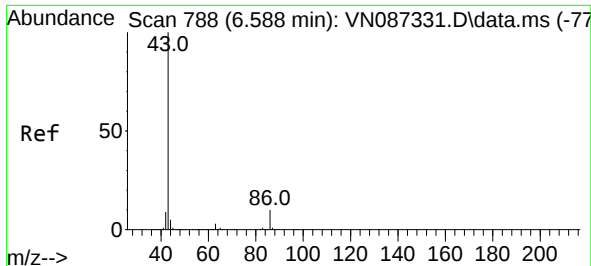
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#22
Diisopropyl ether
Concen: 21.053 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

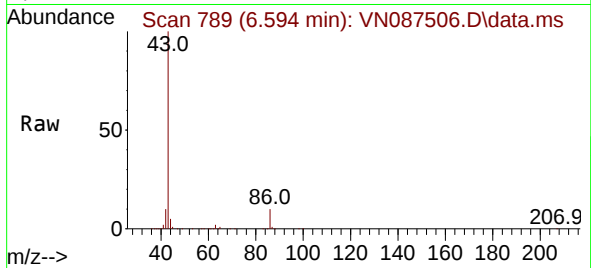
Tgt Ion: 45 Resp: 288633
Ion Ratio Lower Upper
45 100
43 60.3 42.8 64.2
87 26.1 19.8 29.6
59 10.9 8.3 12.5





#23
 Vinyl Acetate
 Concen: 111.925 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15

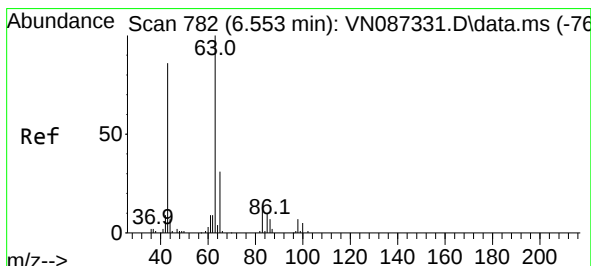
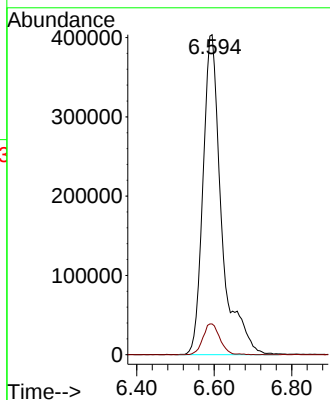
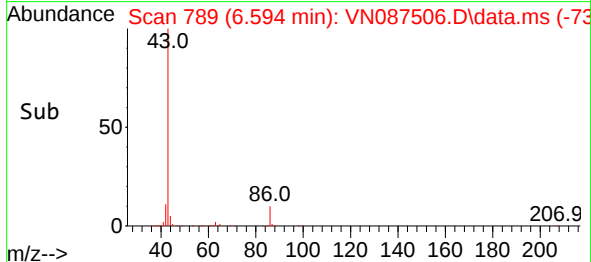
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD01



Tgt Ion: 43 Resp: 134204
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5

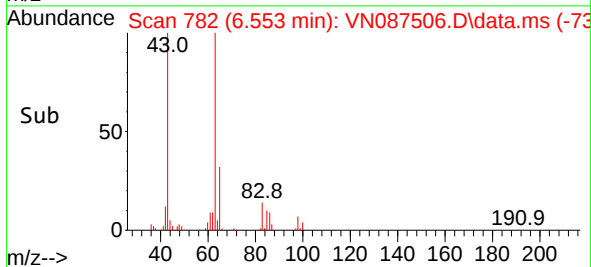
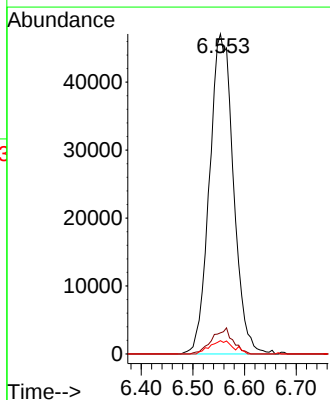
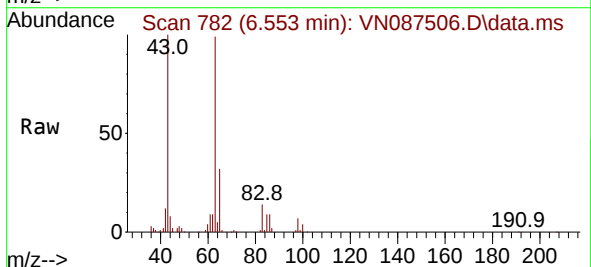
Manual Integrations
 APPROVED

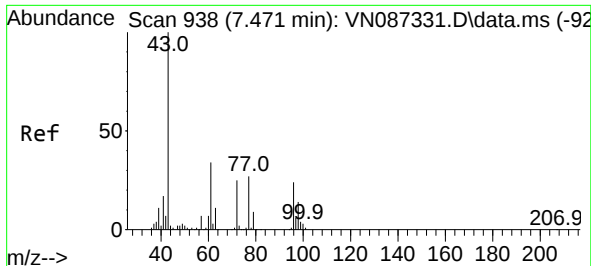
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#24
 1,1-Dichloroethane
 Concen: 19.153 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15

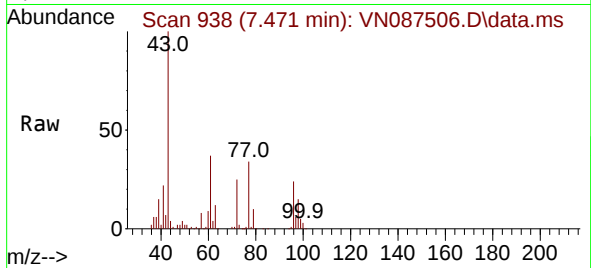
Tgt Ion: 63 Resp: 151494
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 96.490 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

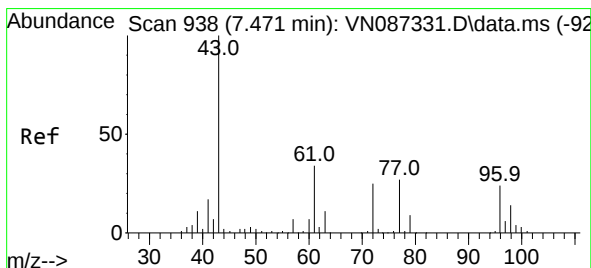
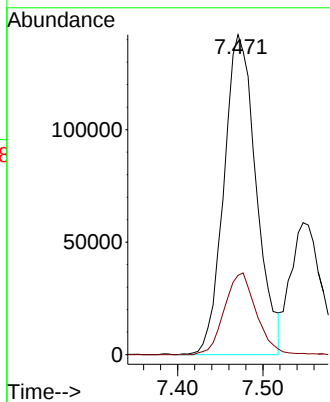
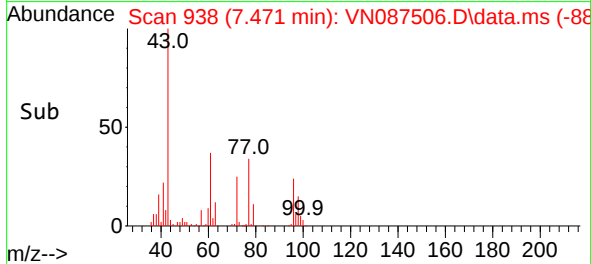
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



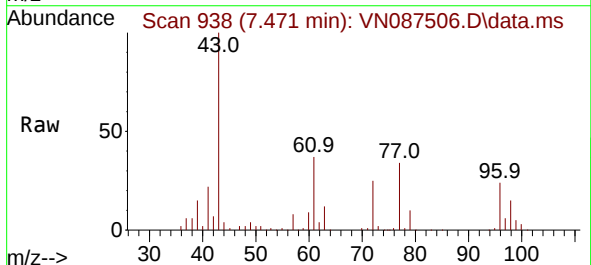
Tgt Ion: 43 Resp: 375178
Ion Ratio Lower Upper
43 100
72 24.8 19.6 29.4

Manual Integrations
APPROVED

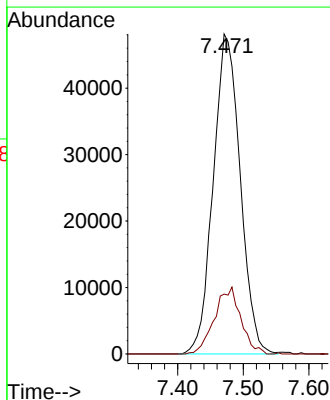
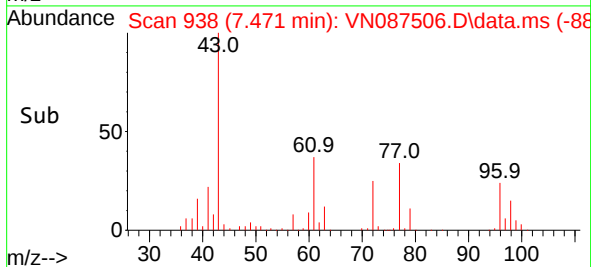
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

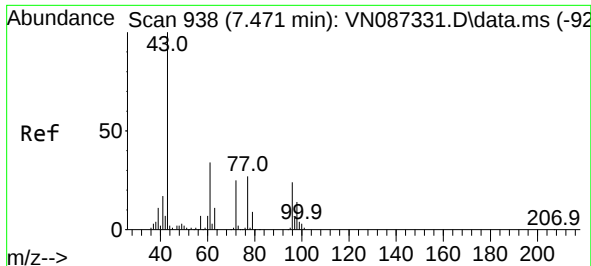


#26
2,2-Dichloropropane
Concen: 22.334 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



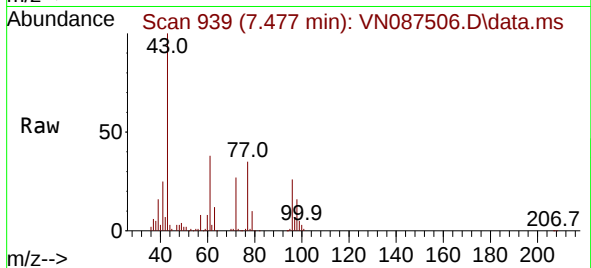
Tgt Ion: 77 Resp: 137342
Ion Ratio Lower Upper
77 100
97 20.3 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.554 ug/l
 RT: 7.477 min Scan# 916
 Delta R.T. 0.006 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15

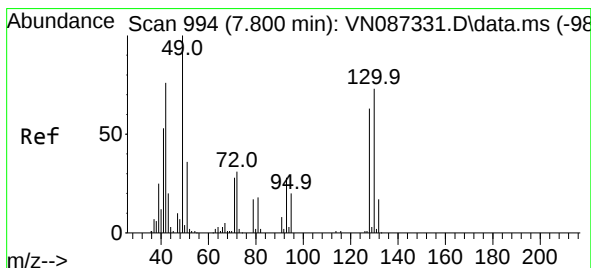
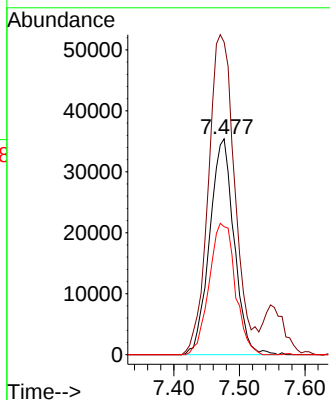
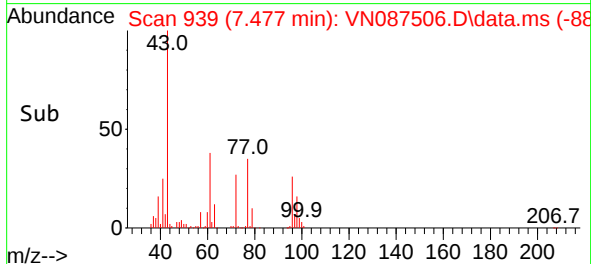
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD01



Tgt Ion: 96 Resp: 9167
 Ion Ratio Lower Upper
 96 100
 61 161.0 0.0 297.8
 98 65.0 0.0 132.4

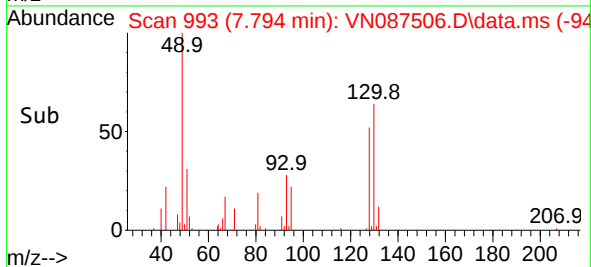
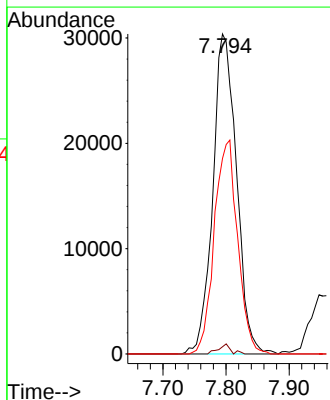
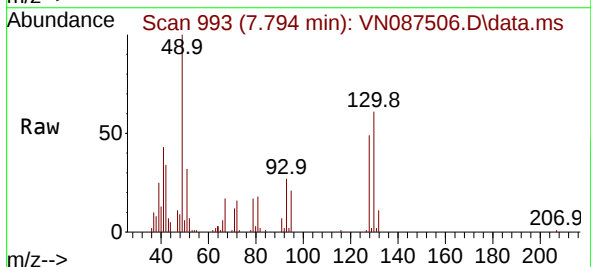
Manual Integrations
 APPROVED

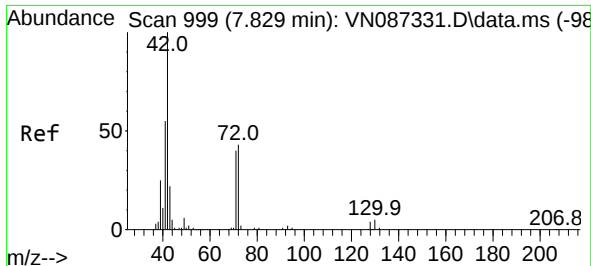
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#28
 Bromochloromethane
 Concen: 20.968 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15

Tgt Ion: 49 Resp: 79375
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.2
 130 65.7 57.3 85.9





#29

Tetrahydrofuran

Concen: 96.128 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD01

Tgt Ion: 42 Resp: 24281

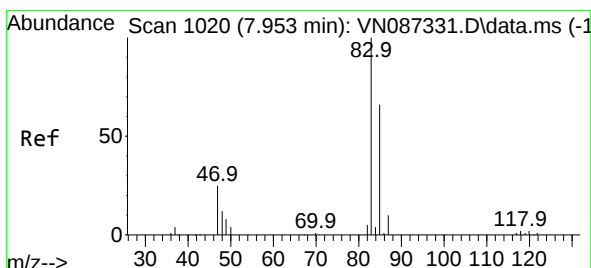
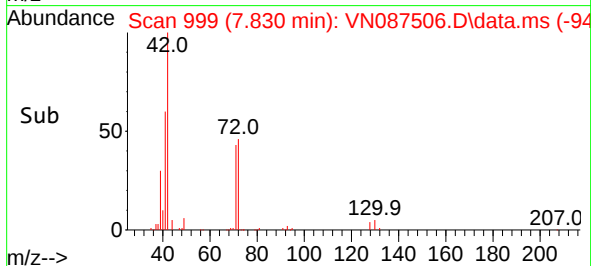
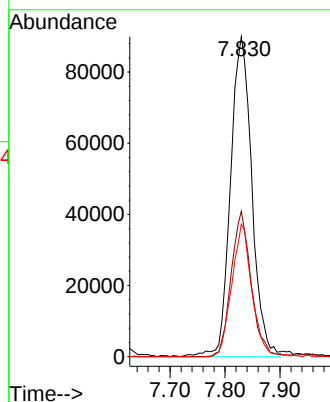
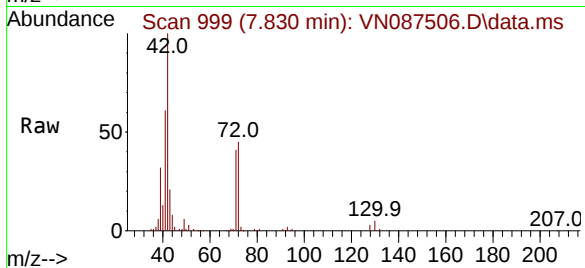
Ion	Ratio	Lower	Upper
42	100		
72	42.7	33.4	50.0
71	39.0	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#30

Chloroform

Concen: 20.053 ug/l

RT: 7.953 min Scan# 1020

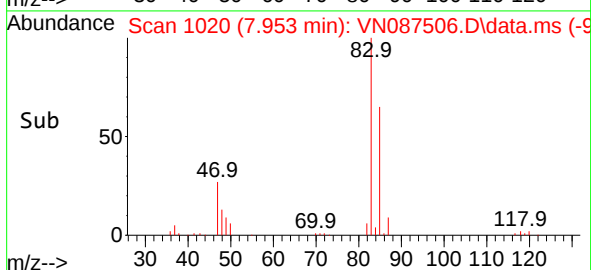
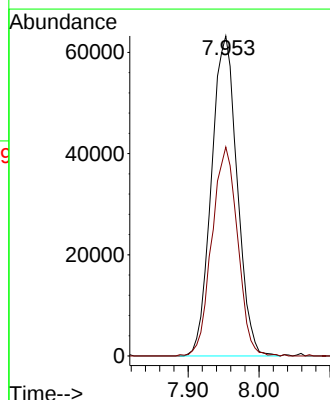
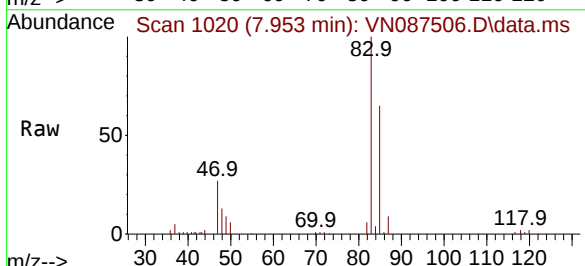
Delta R.T. 0.000 min

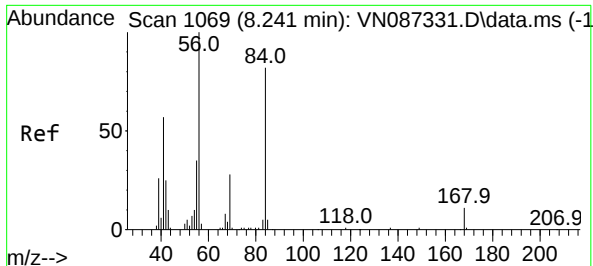
Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

Tgt Ion: 83 Resp: 158757

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.7	79.1





#31

Cyclohexane

Concen: 20.328 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087506.D

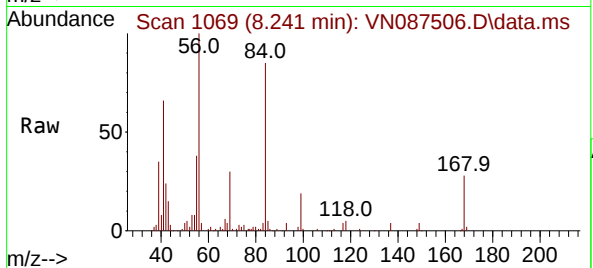
Acq: 12 Aug 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD01



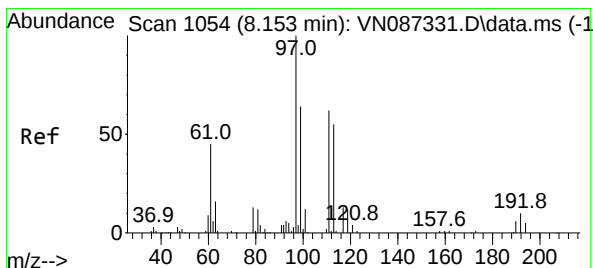
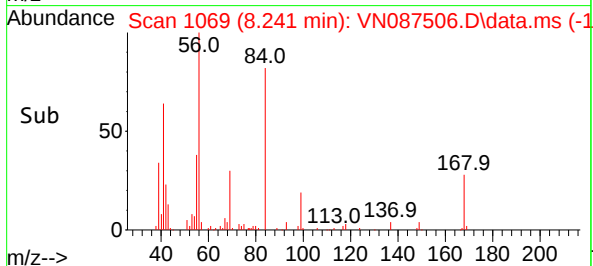
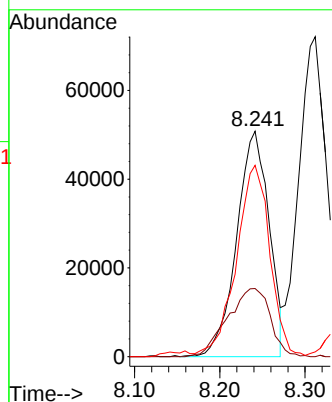
Tgt Ion:	56	69	84
Resp:	134129	30.2	83.2
Lower		22.7	65.8
Upper		34.1	98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#32

1,1,1-Trichloroethane

Concen: 20.174 ug/l

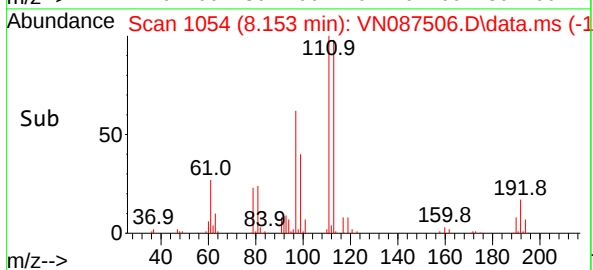
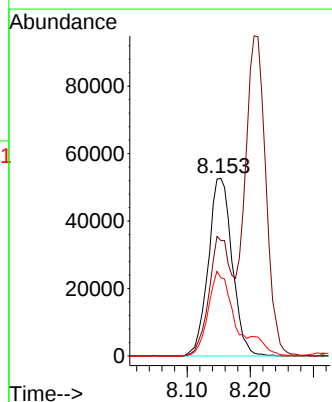
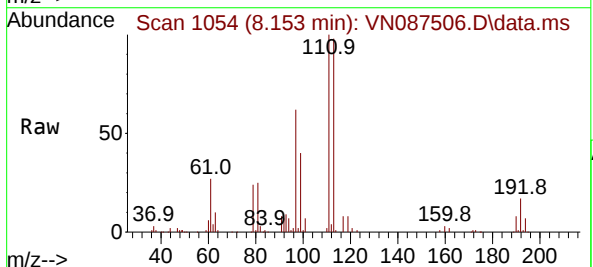
RT: 8.153 min Scan# 1054

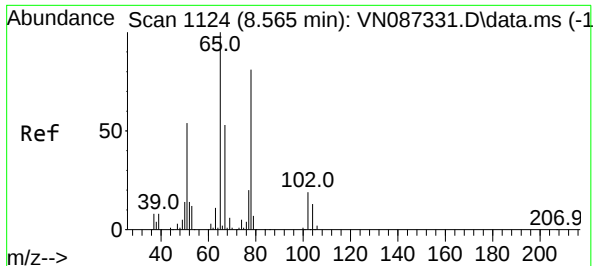
Delta R.T. 0.000 min

Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

Tgt Ion:	97	99	61
Resp:	138332	64.7	47.9
Lower		51.8	38.7
Upper		77.8	58.1





#33

1,2-Dichloroethane-d4

Concen: 54.652 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD01

Tgt Ion: 65 Resp: 293328

Ion Ratio Lower Upper

65 100

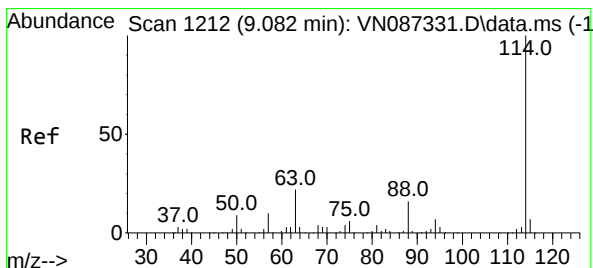
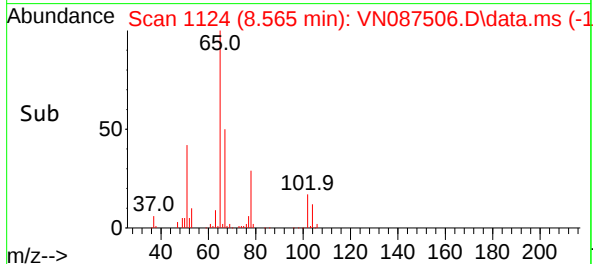
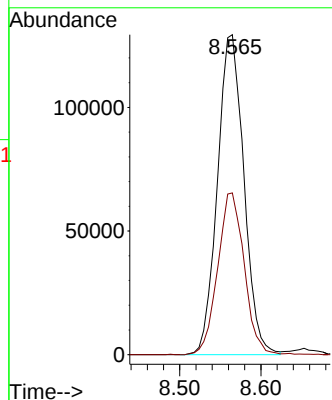
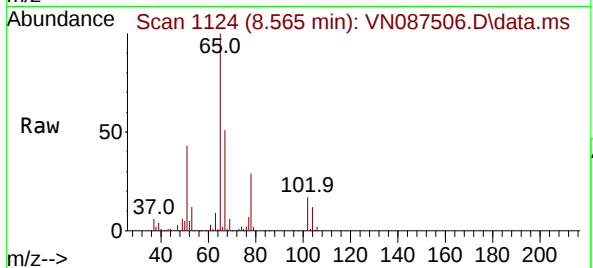
67 50.8 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

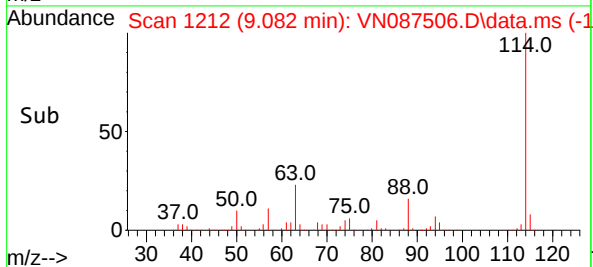
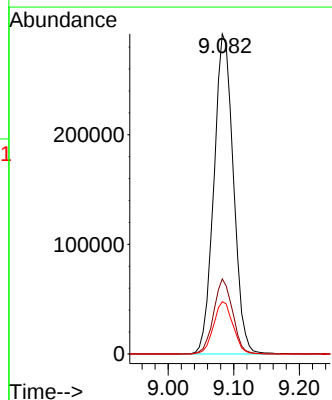
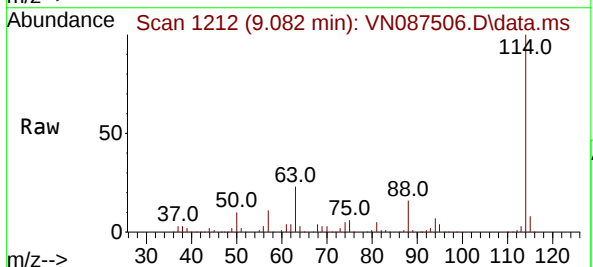
Tgt Ion:114 Resp: 602749

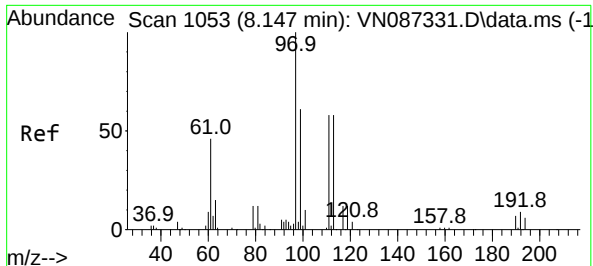
Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

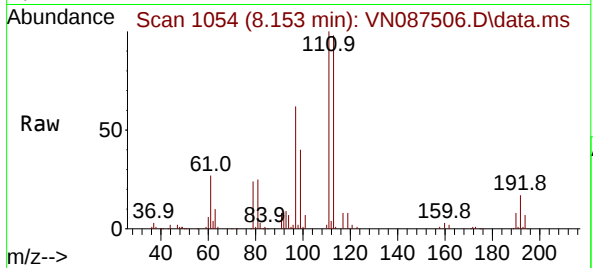
88 16.3 0.0 32.8





#35
Dibromofluoromethane
Concen: 47.868 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

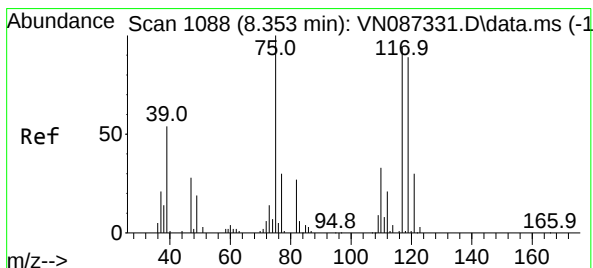
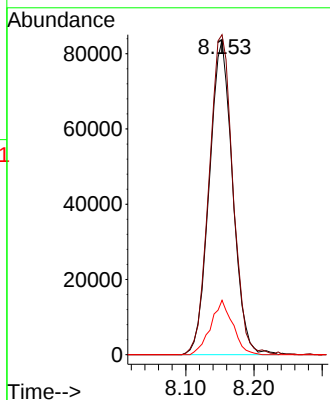
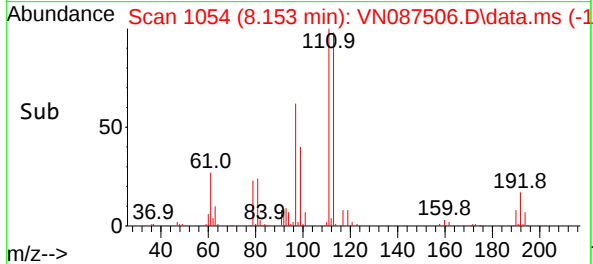
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 113 Resp: 19902
Ion Ratio Lower Upper
113 100
111 103.7 82.5 123.7
192 16.4 13.7 20.5

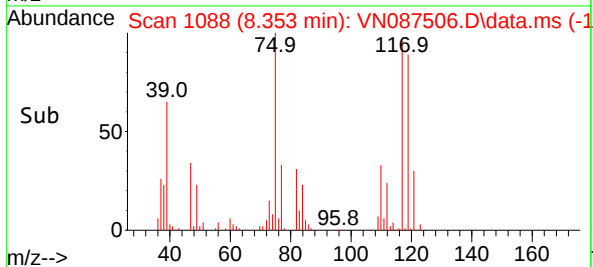
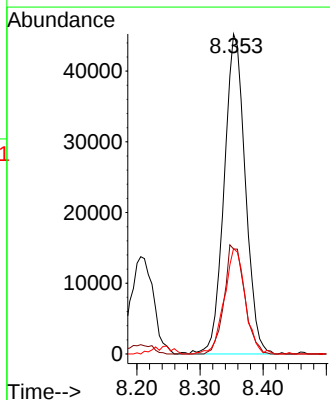
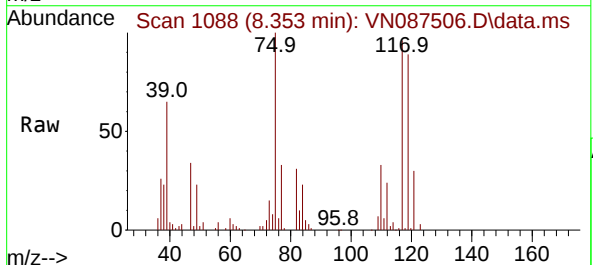
Manual Integrations
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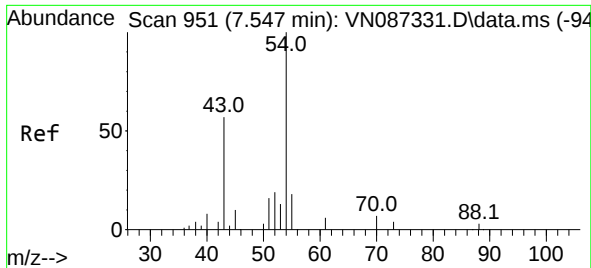
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#36
1,1-Dichloropropene
Concen: 19.193 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

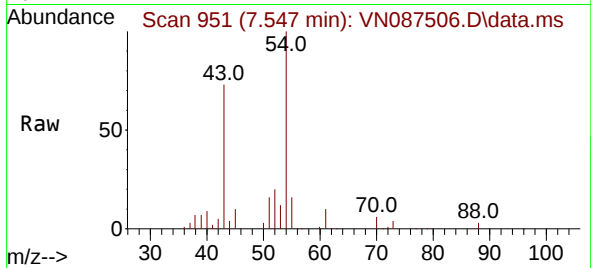
Tgt Ion: 75 Resp: 105428
Ion Ratio Lower Upper
75 100
110 32.8 16.7 50.1
77 32.6 25.2 37.8





#37
Ethyl Acetate
Concen: 19.025 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

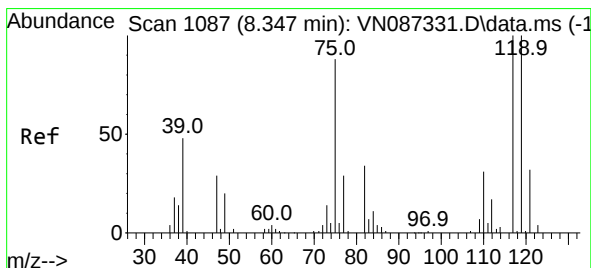
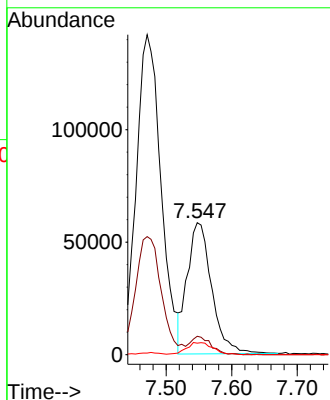
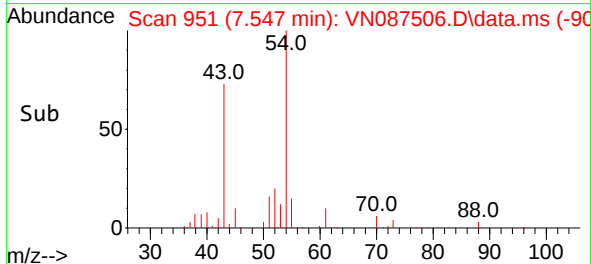
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



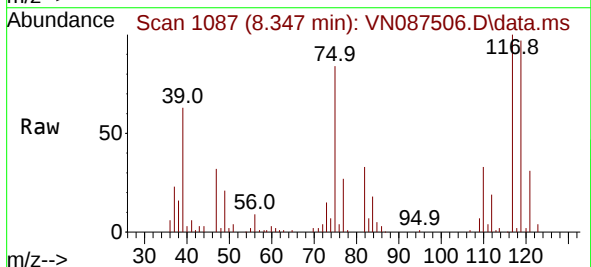
Tgt Ion: 43 Resp: 150932
Ion Ratio Lower Upper
43 100
61 11.7 10.9 16.3
70 10.0 7.4 11.0

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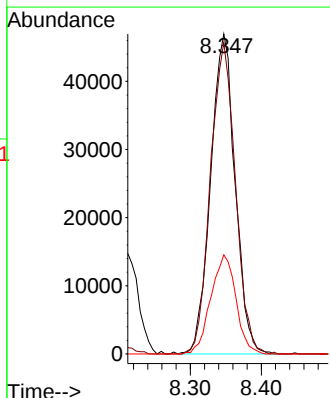
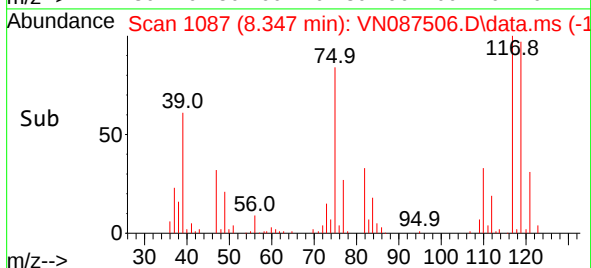
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

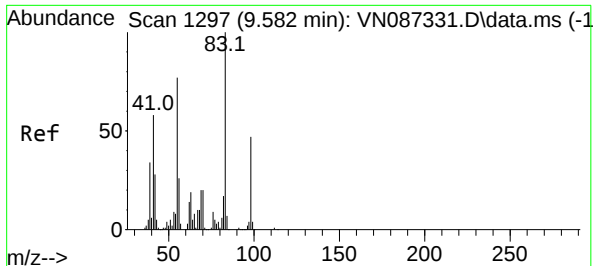


#38
Carbon Tetrachloride
Concen: 18.557 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



Tgt Ion:117 Resp: 112293
Ion Ratio Lower Upper
117 100
119 97.3 80.2 120.2
121 31.0 25.4 38.2





#39

Methylcyclohexane

Concen: 21.228 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD01

Tgt Ion: 83 Resp: 126244

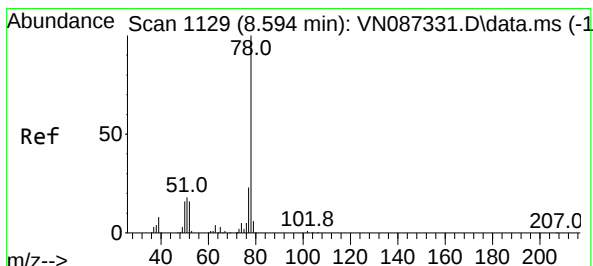
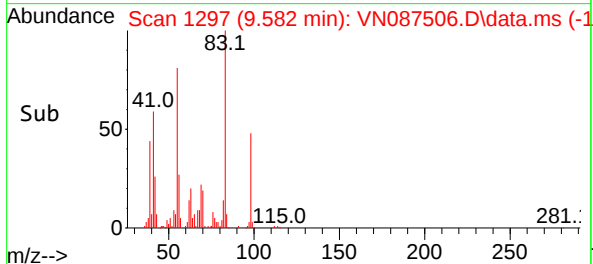
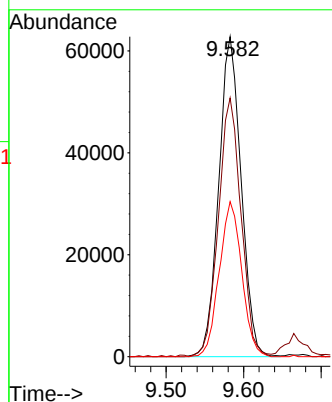
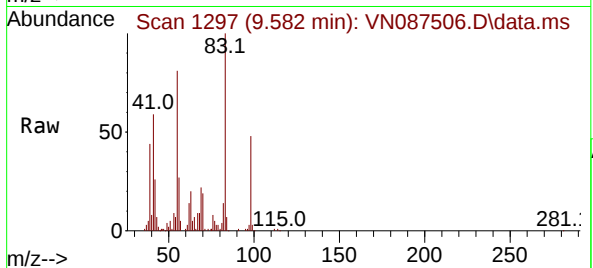
Ion	Ratio	Lower	Upper
83	100		
55	80.3	61.3	91.9
98	48.4	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#40

Benzene

Concen: 18.833 ug/l

RT: 8.588 min Scan# 1128

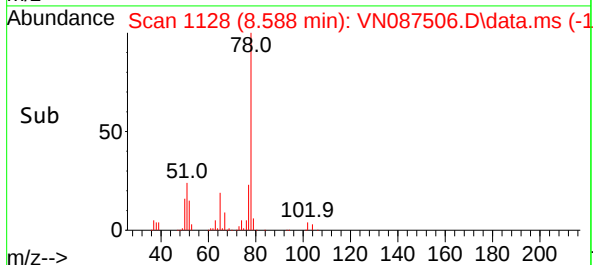
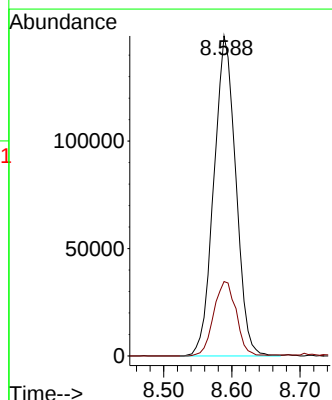
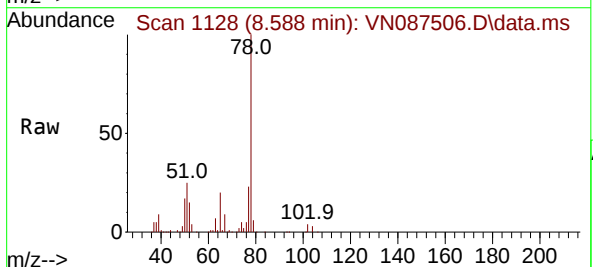
Delta R.T. -0.006 min

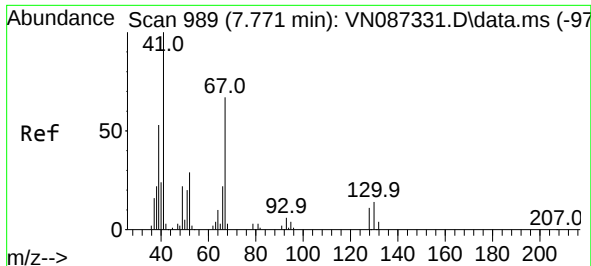
Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

Tgt Ion: 78 Resp: 334355

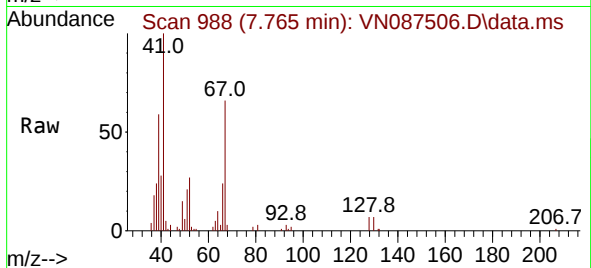
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2





#41
Methacrylonitrile
Concen: 20.073 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

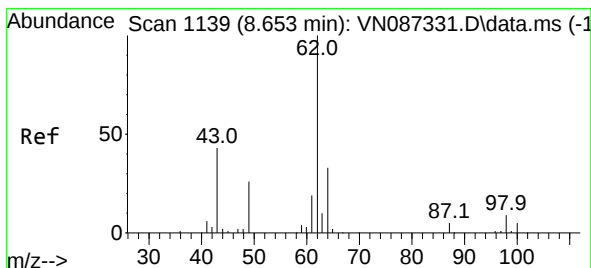
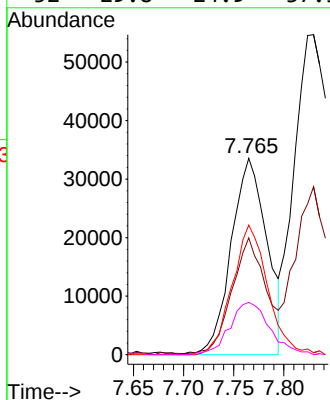
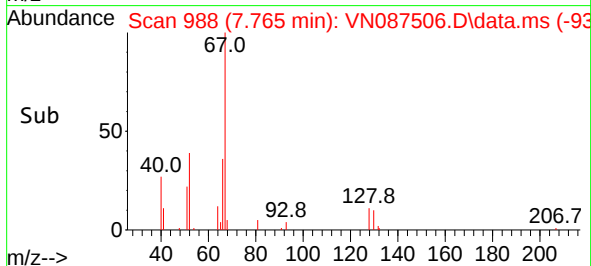
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 41 Resp: 8326
Ion Ratio Lower Upper
41 100
39 55.8 43.4 65.0
67 65.7 55.1 82.7
52 29.8 24.9 37.3

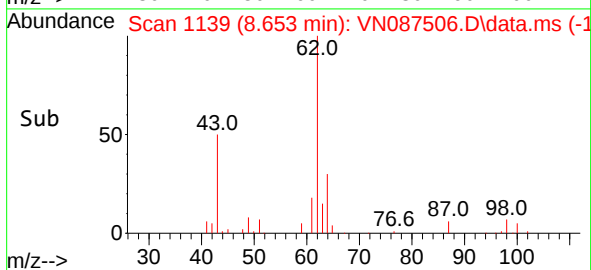
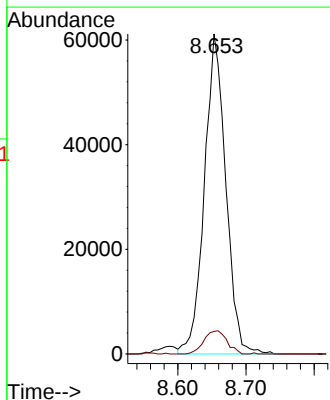
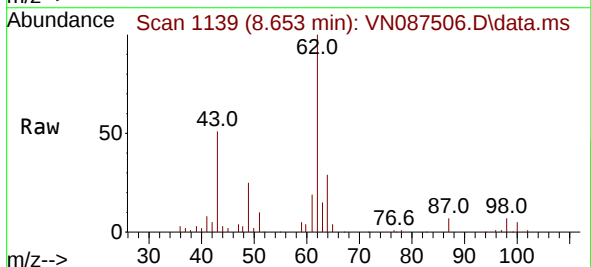
Manual Integrations
APPROVED

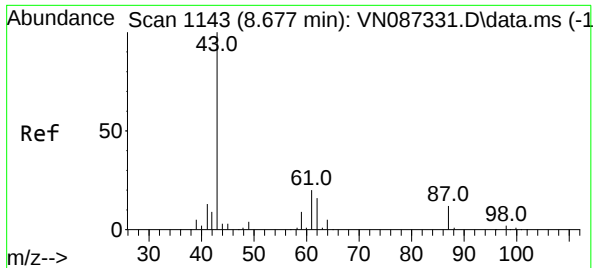
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#42
1,2-Dichloroethane
Concen: 19.834 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

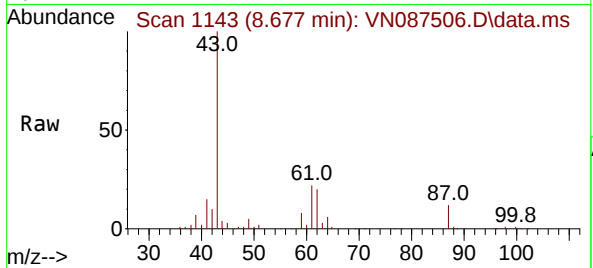
Tgt Ion: 62 Resp: 133532
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.0





#43
Isopropyl Acetate
Concen: 20.142 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

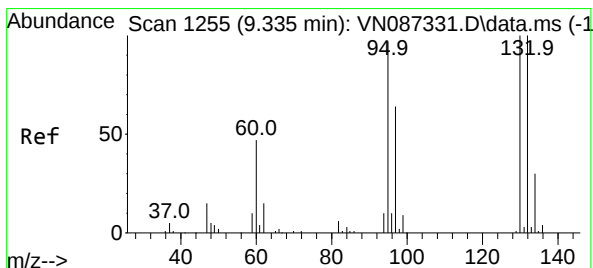
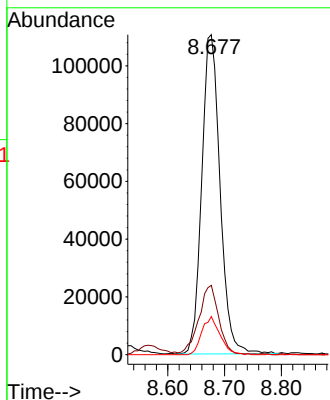
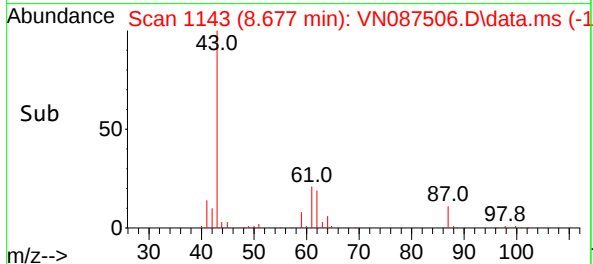
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



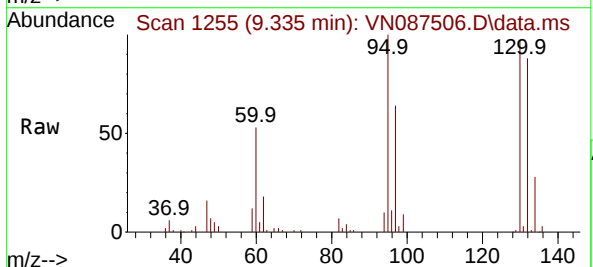
Tgt Ion: 43 Resp: 248054
Ion Ratio Lower Upper
43 100
61 23.3 19.8 29.8
87 11.8 9.8 14.6

Manual Integrations
APPROVED

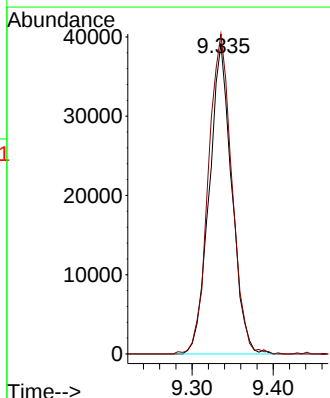
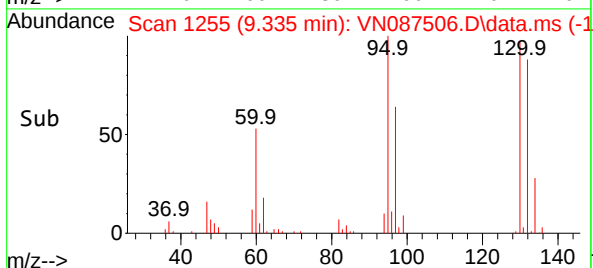
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

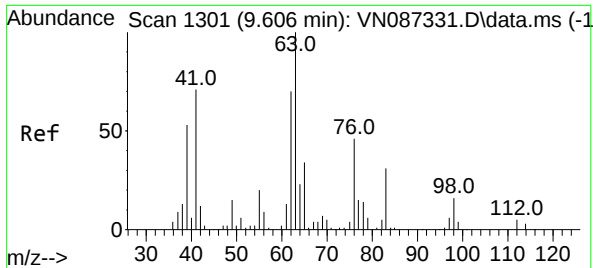


#44
Trichloroethene
Concen: 17.953 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



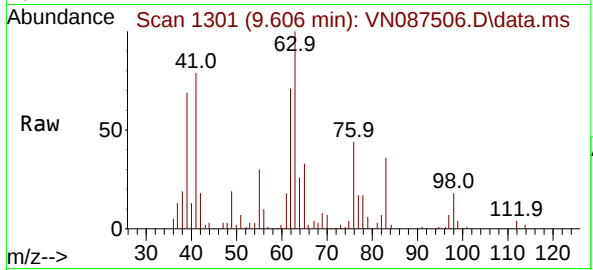
Tgt Ion:130 Resp: 75314
Ion Ratio Lower Upper
130 100
95 102.8 0.0 195.2





#45
1,2-Dichloropropane
Concen: 18.487 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

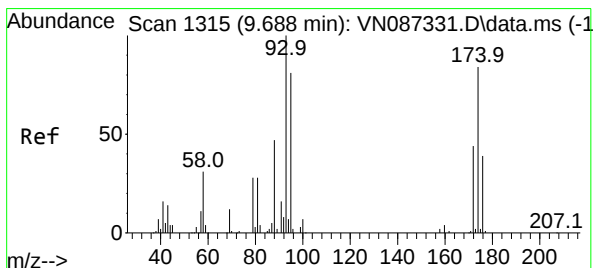
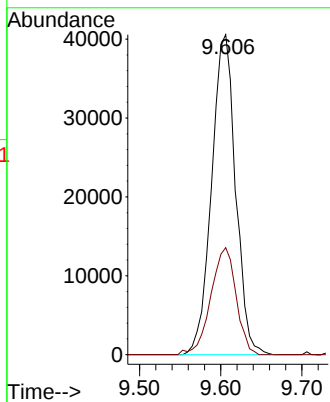
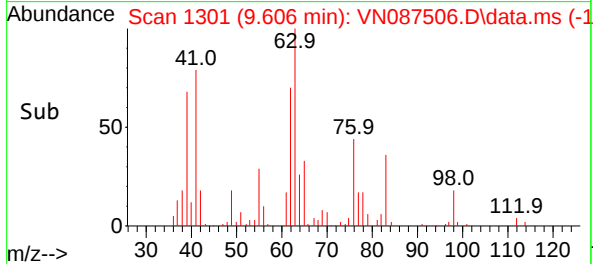
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



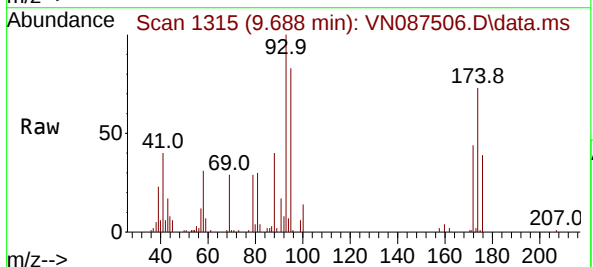
Tgt Ion: 63 Resp: 83390
Ion Ratio Lower Upper
63 100
65 33.5 27.0 40.4

Manual Integrations
APPROVED

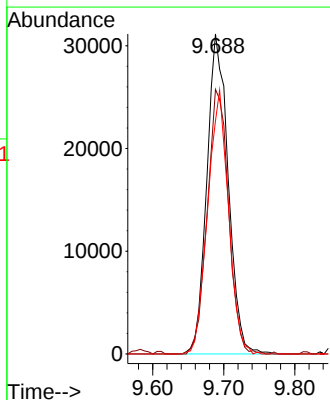
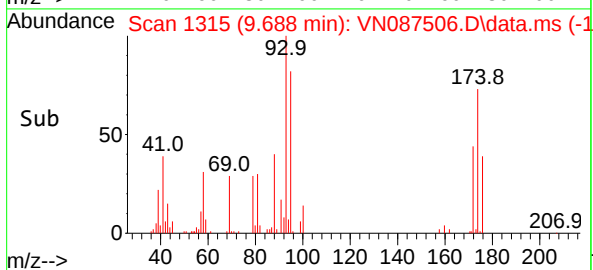
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

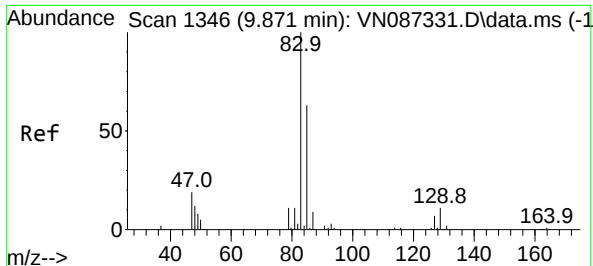


#46
Dibromomethane
Concen: 19.253 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



Tgt Ion: 93 Resp: 65028
Ion Ratio Lower Upper
93 100
95 82.4 65.8 98.8
174 79.8 69.9 104.9





#47

Bromodichloromethane

Concen: 19.293 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD01

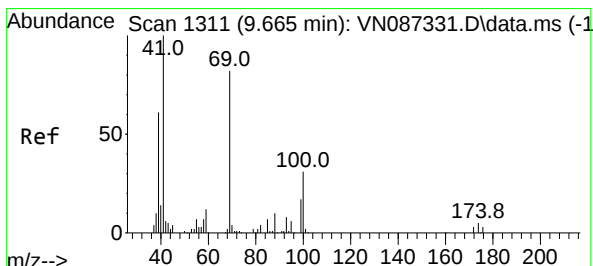
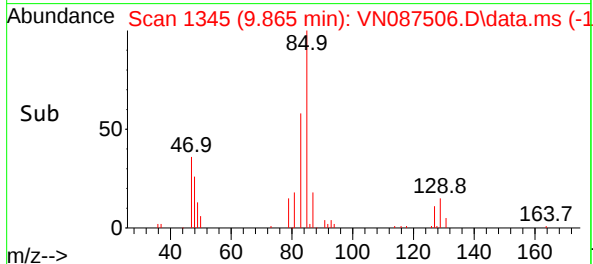
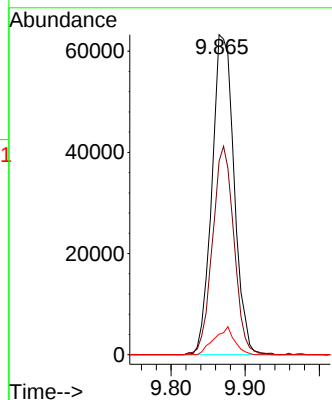
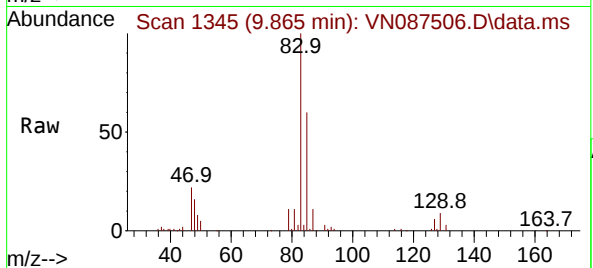
Tgt Ion:	83	Resp:	13125
Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.4	75.6
127	6.4	5.8	8.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#48

Methyl methacrylate

Concen: 21.986 ug/l

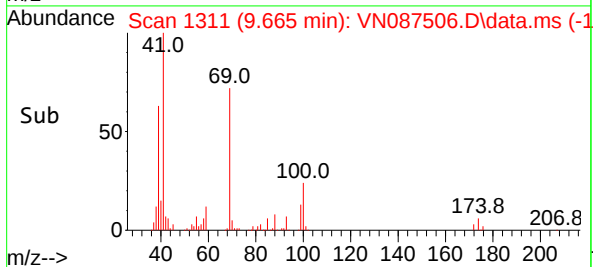
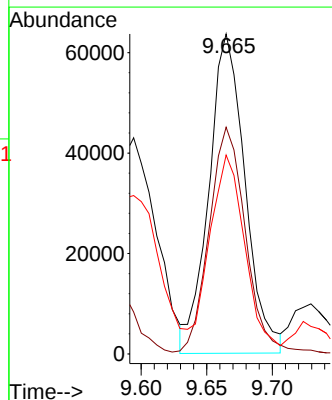
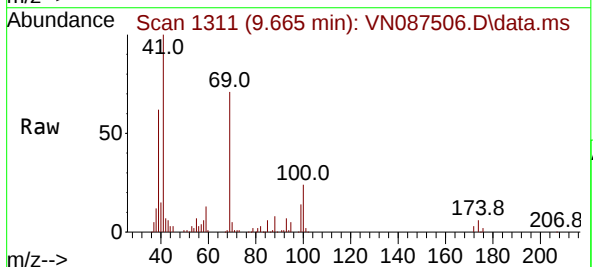
RT: 9.665 min Scan# 1311

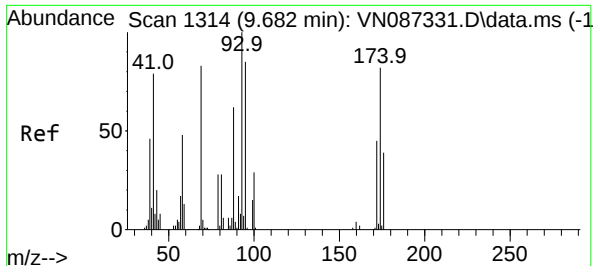
Delta R.T. 0.000 min

Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

Tgt Ion:	41	Resp:	121895
Ion	Ratio	Lower	Upper
41	100		
69	71.4	64.1	96.1
39	60.8	45.5	68.3





#49

1,4-Dioxane

Concen: 379.553 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087506.D

Acq: 12 Aug 2025 12:15

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBSD01

Tgt Ion: 88 Resp: 32230

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

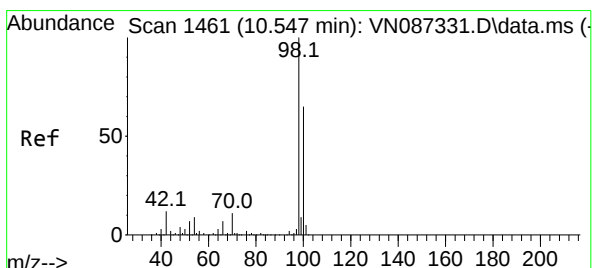
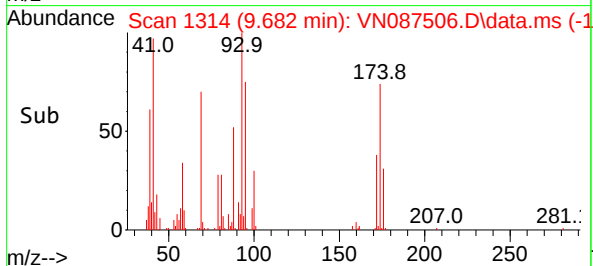
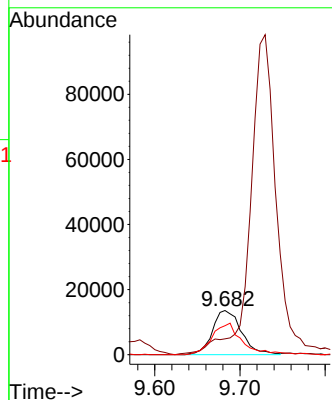
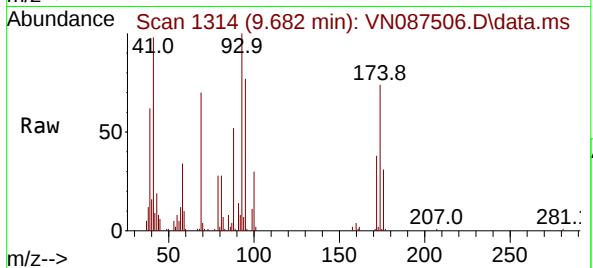
58 73.1 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#50

Toluene-d8

Concen: 49.154 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087506.D

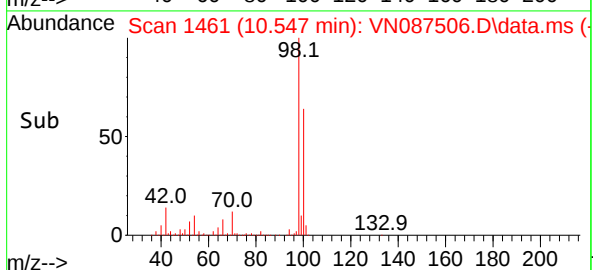
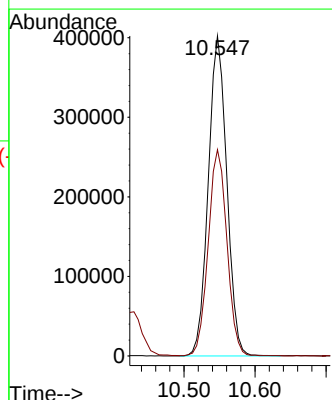
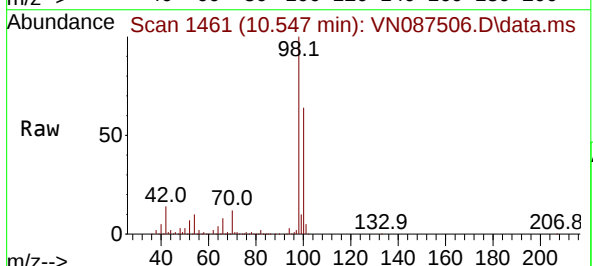
Acq: 12 Aug 2025 12:15

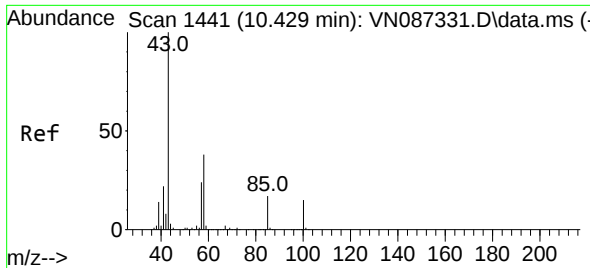
Tgt Ion: 98 Resp: 729008

Ion Ratio Lower Upper

98 100

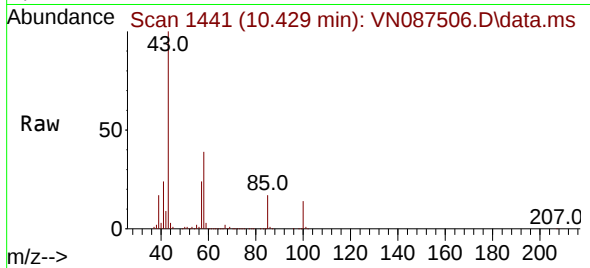
100 65.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 95.234 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

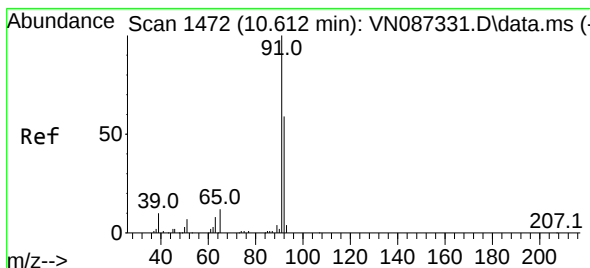
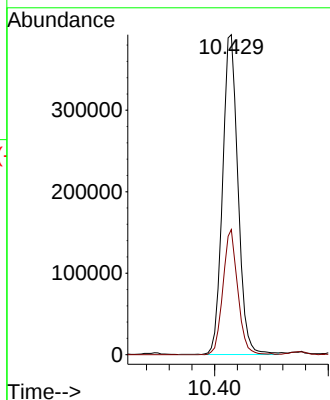
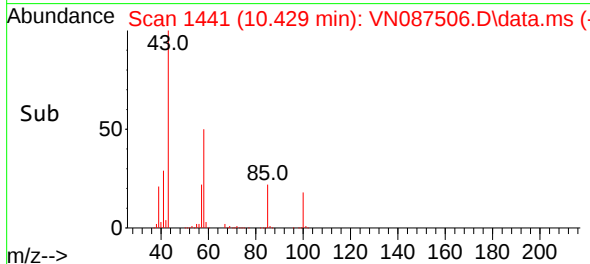
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



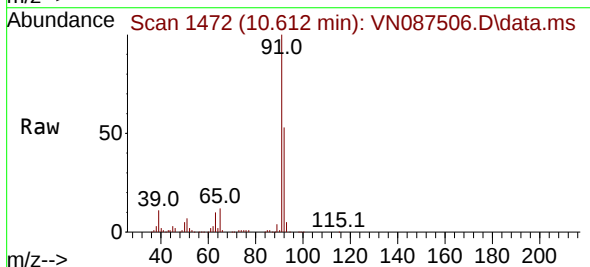
Tgt Ion: 43 Resp: 741790
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2

Manual Integrations
APPROVED

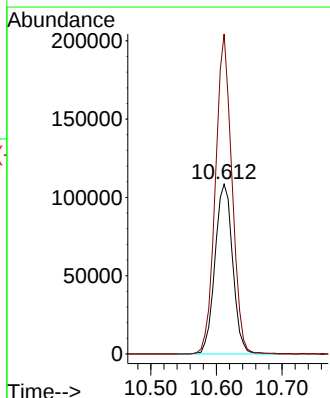
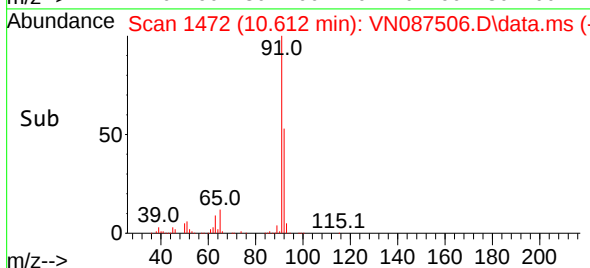
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

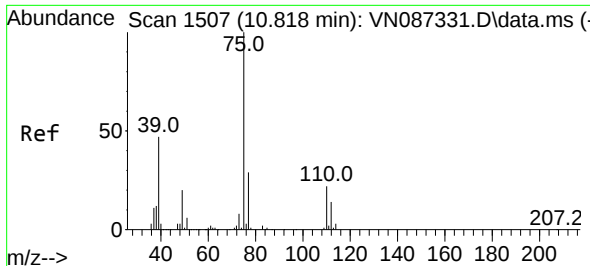


#52
Toluene
Concen: 18.767 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



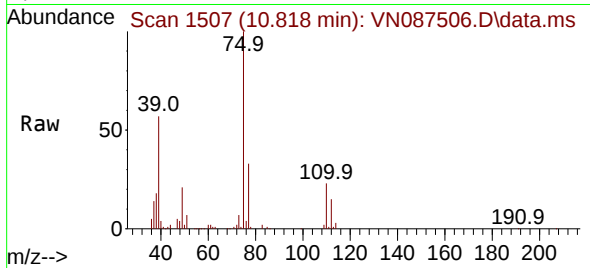
Tgt Ion: 92 Resp: 202515
Ion Ratio Lower Upper
92 100
91 176.2 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 20.504 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

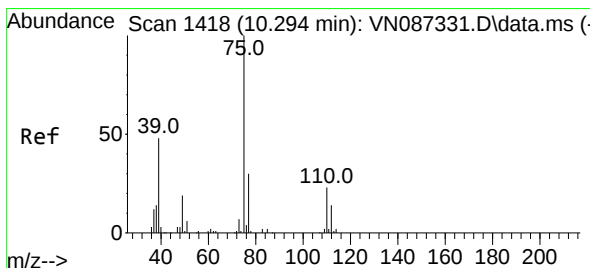
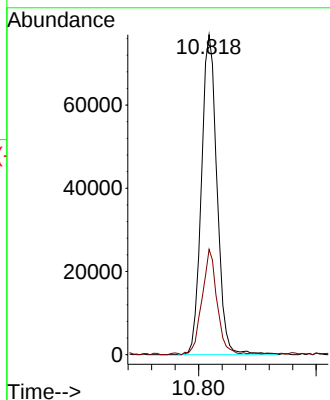
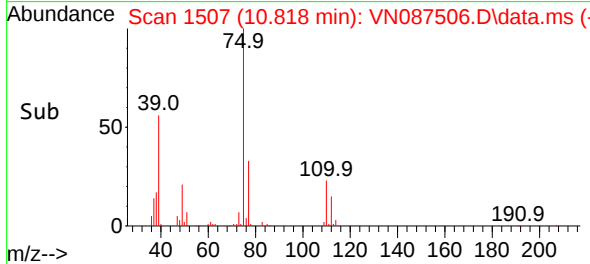
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 75 Resp: 141175
Ion Ratio Lower Upper
75 100
77 32.6 23.6 35.4

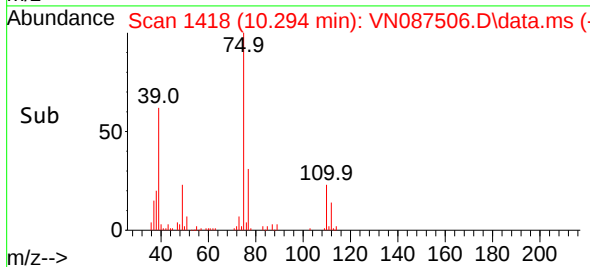
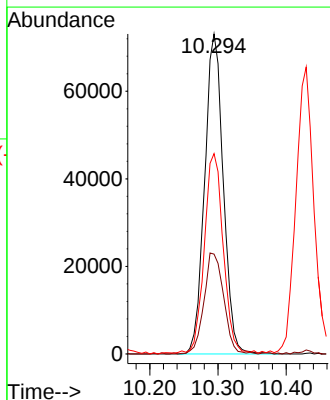
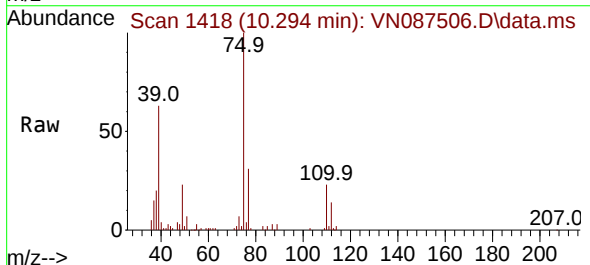
Manual Integrations
APPROVED

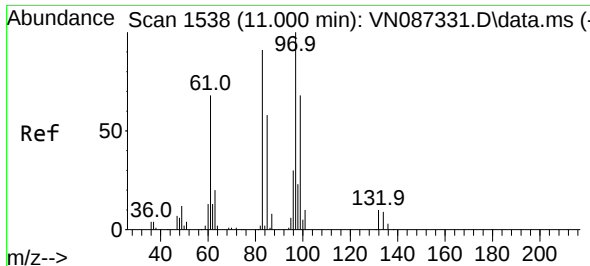
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#54
cis-1,3-Dichloropropene
Concen: 19.559 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

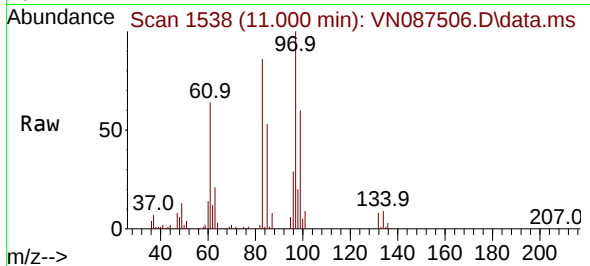
Tgt Ion: 75 Resp: 139104
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.2
39 62.1 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 18.912 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

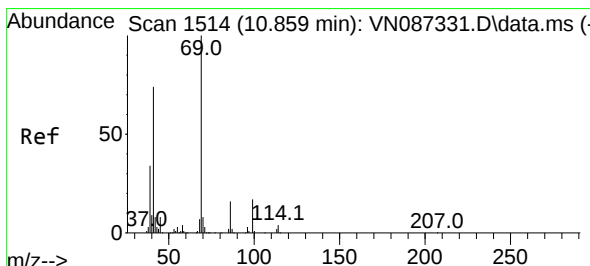
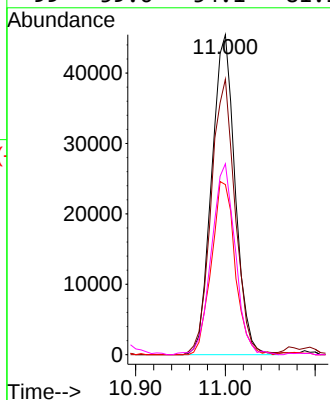
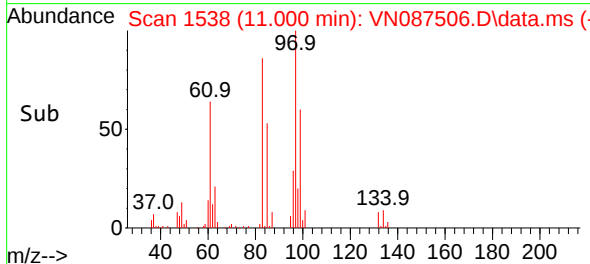
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



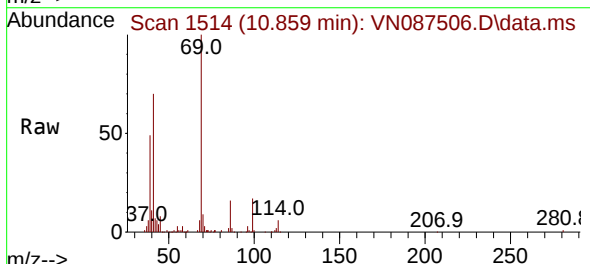
Tgt Ion: 97 Resp: 8262
Ion Ratio Lower Upper
97 100
83 86.1 72.6 109.0
85 53.2 46.7 70.1
99 59.6 54.1 81.1

Manual Integrations
APPROVED

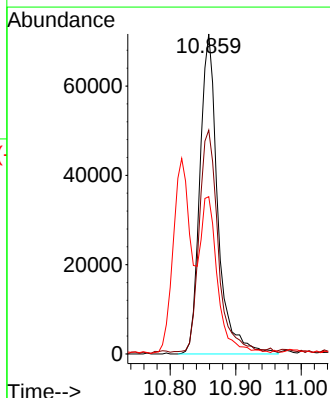
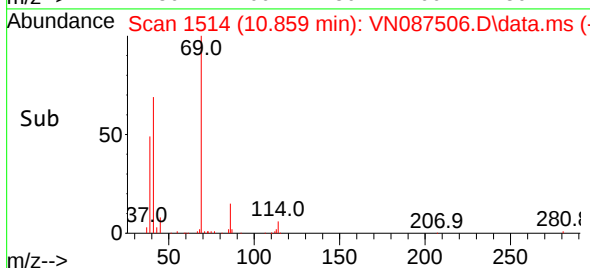
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

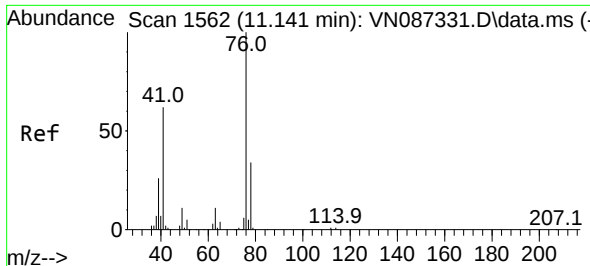


#56
Ethyl methacrylate
Concen: 19.396 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



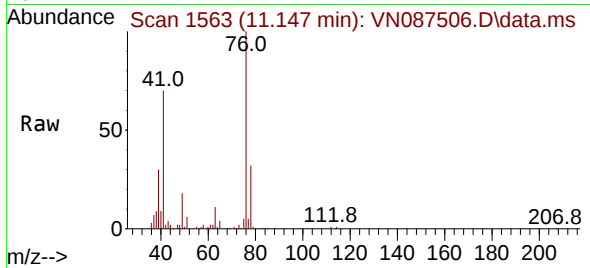
Tgt Ion: 69 Resp: 136760
Ion Ratio Lower Upper
69 100
41 72.6 55.1 82.7
39 44.7 27.9 41.9





#57
1,3-Dichloropropane
Concen: 19.012 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

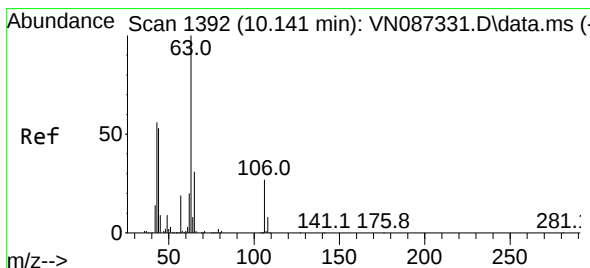
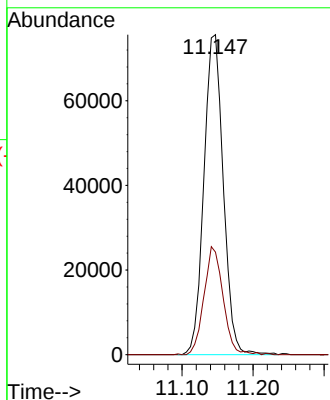
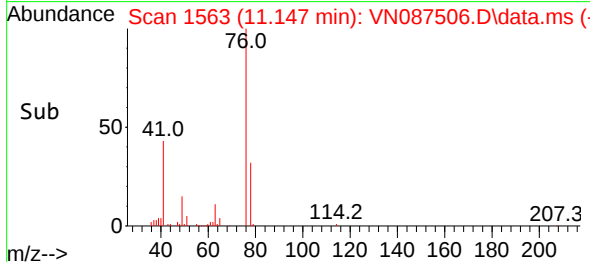
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 76 Resp: 143609
Ion Ratio Lower Upper
76 100
78 33.4 26.0 39.0

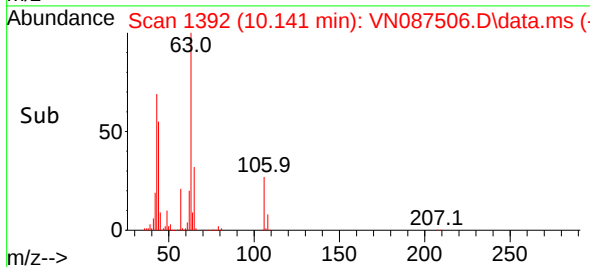
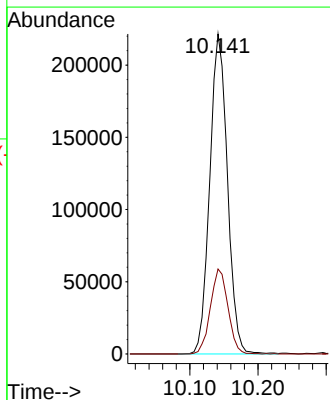
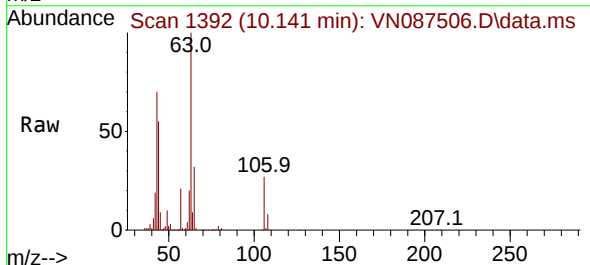
Manual Integrations
APPROVED

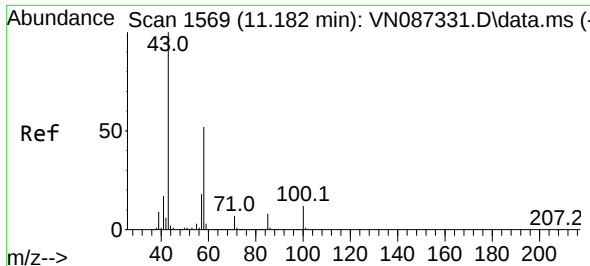
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 111.697 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

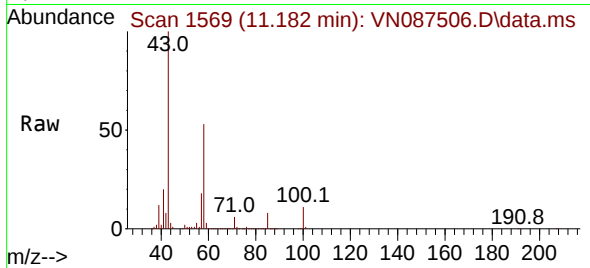
Tgt Ion: 63 Resp: 400299
Ion Ratio Lower Upper
63 100
106 26.3 21.7 32.5





#59
2-Hexanone
Concen: 94.359 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

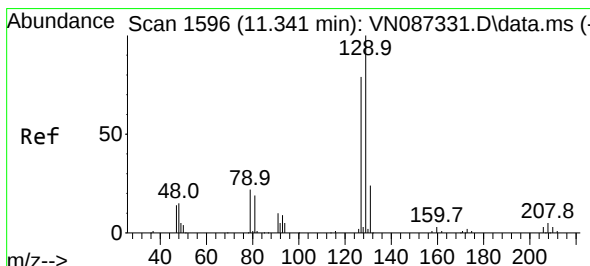
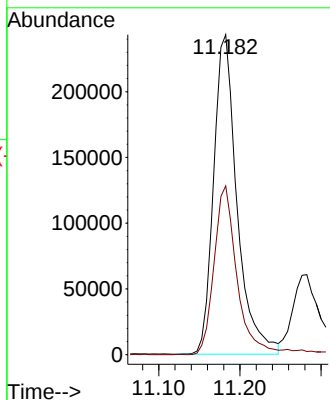
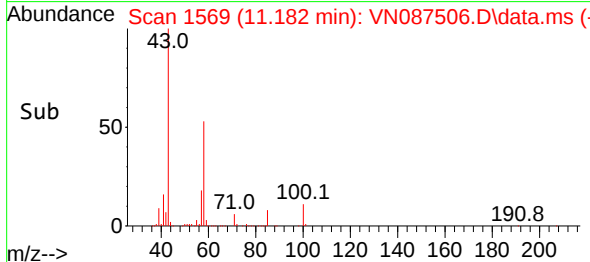
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 43 Resp: 487628
Ion Ratio Lower Upper
43 100
58 53.8 26.7 80.0

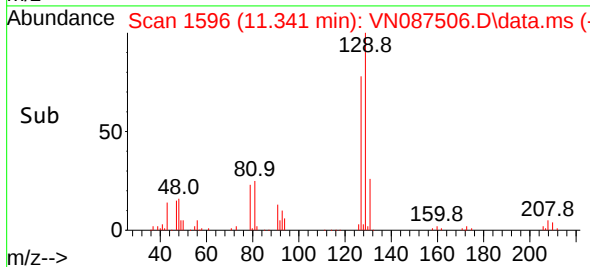
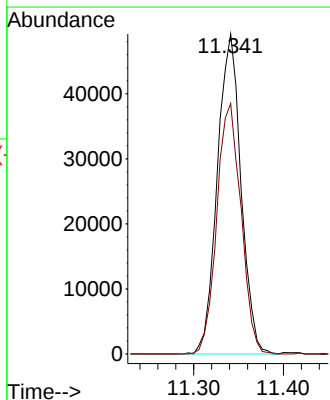
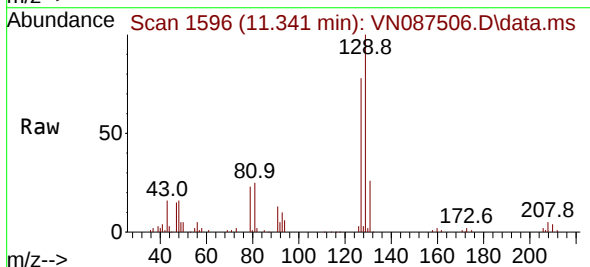
Manual Integrations
APPROVED

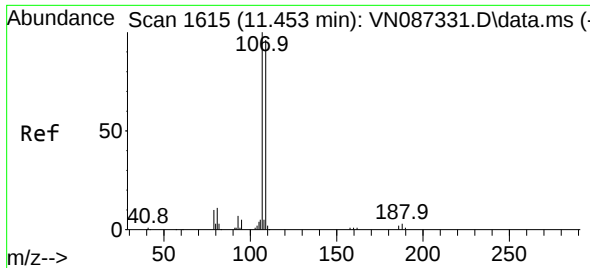
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#60
Dibromochloromethane
Concen: 18.057 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

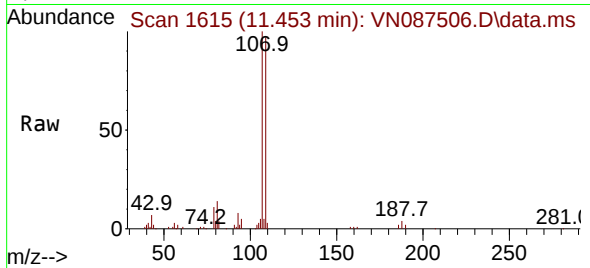
Tgt Ion:129 Resp: 89968
Ion Ratio Lower Upper
129 100
127 80.0 39.1 117.5





#61
1,2-Dibromoethane
Concen: 18.537 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

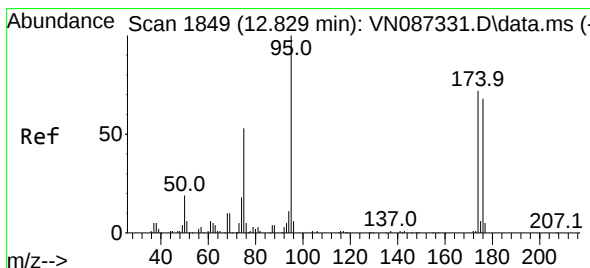
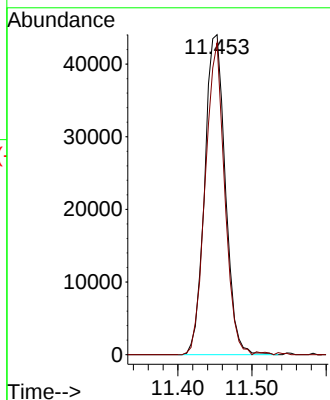
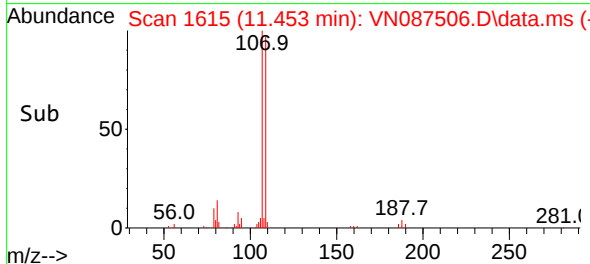
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



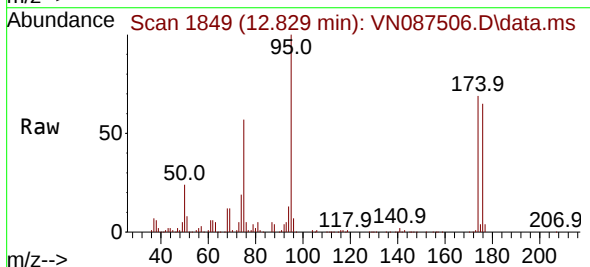
Tgt Ion:107 Resp: 85152
Ion Ratio Lower Upper
107 100
109 91.4 77.5 116.3

Manual Integrations
APPROVED

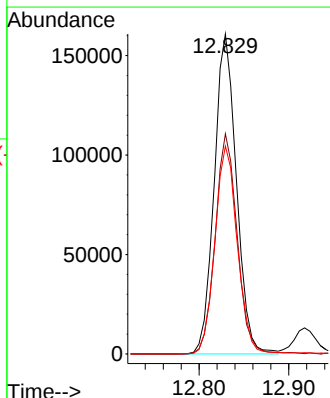
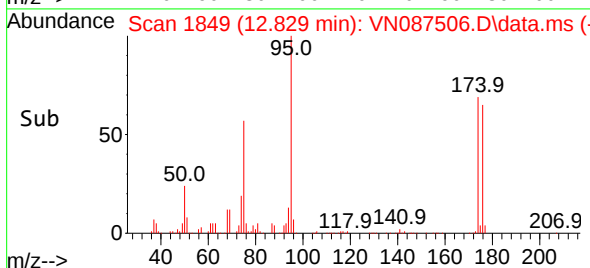
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

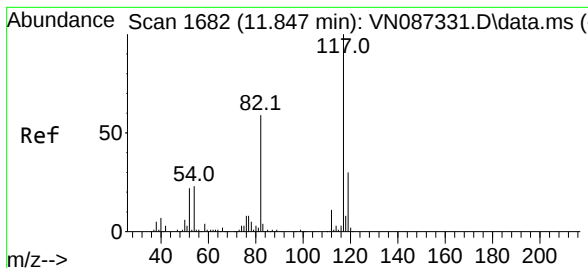


#62
4-Bromofluorobenzene
Concen: 50.369 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



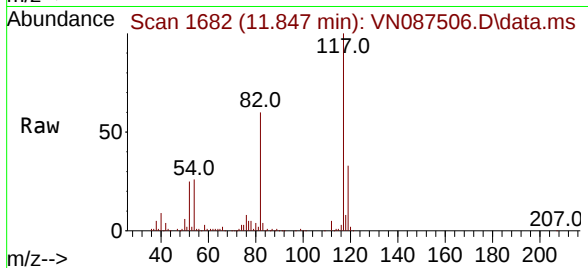
Tgt Ion: 95 Resp: 275991
Ion Ratio Lower Upper
95 100
174 67.7 0.0 149.4
176 65.7 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

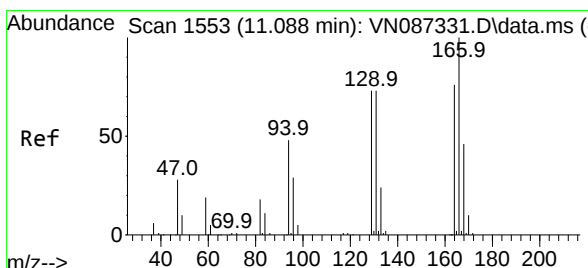
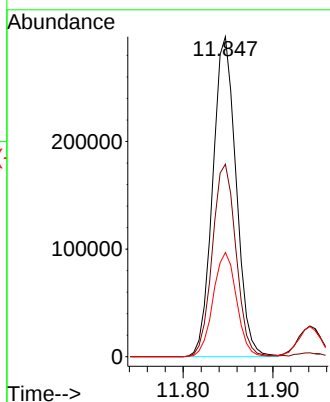
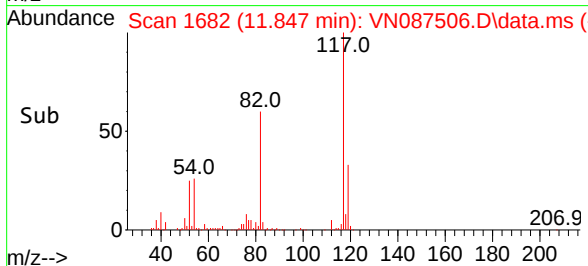
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion:117 Resp: 538329
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 32.6 23.8 35.8

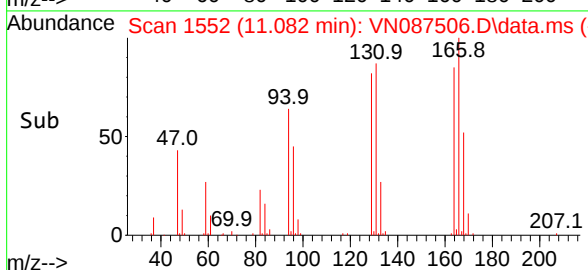
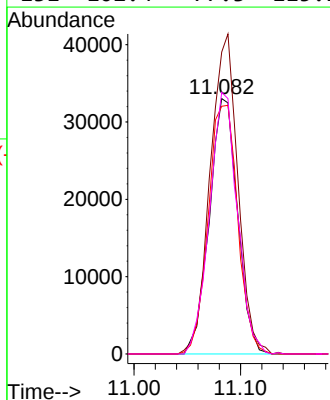
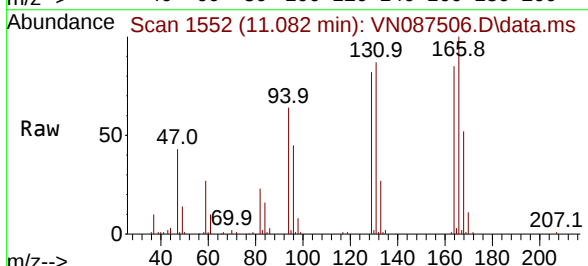
Manual Integrations
APPROVED

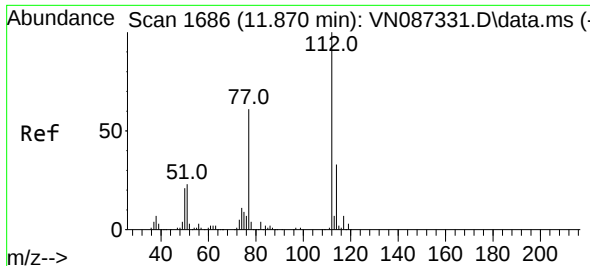
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#64
Tetrachloroethene
Concen: 17.516 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

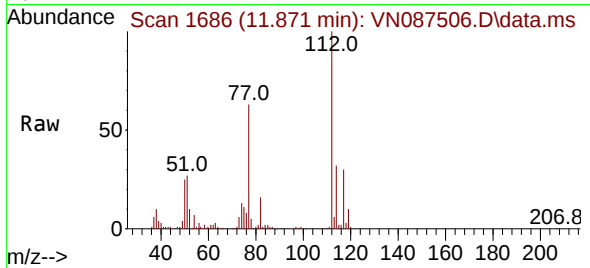
Tgt Ion:164 Resp: 60688
Ion Ratio Lower Upper
164 100
166 118.3 105.5 158.3
129 97.0 77.4 116.2
131 102.4 77.3 115.9





#65
Chlorobenzene
Concen: 18.501 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

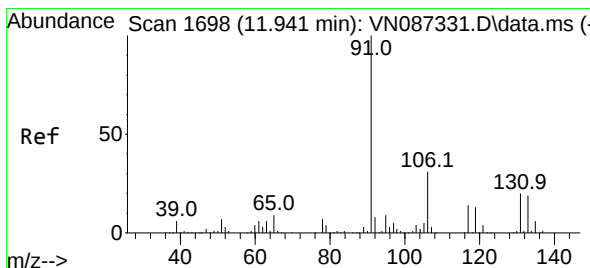
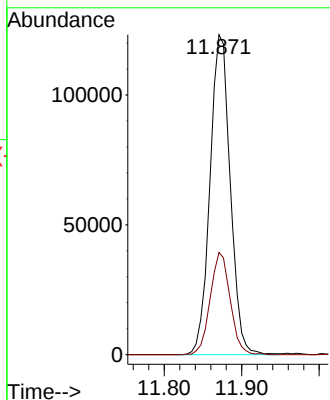
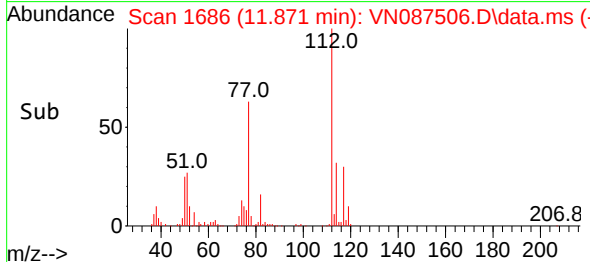
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



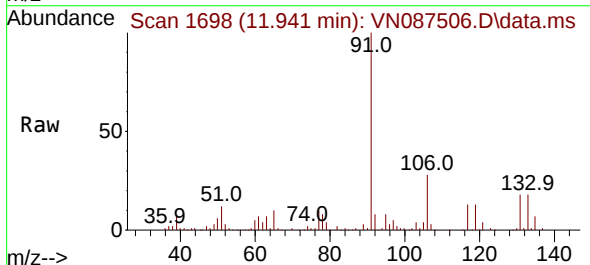
Tgt Ion:112 Resp: 223600
Ion Ratio Lower Upper
112 100
114 32.0 26.5 39.7

Manual Integrations
APPROVED

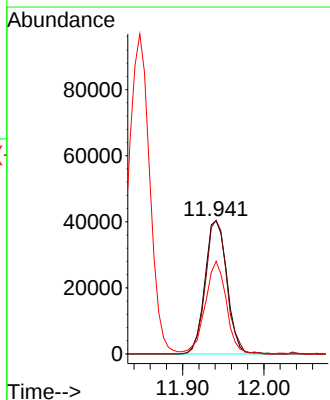
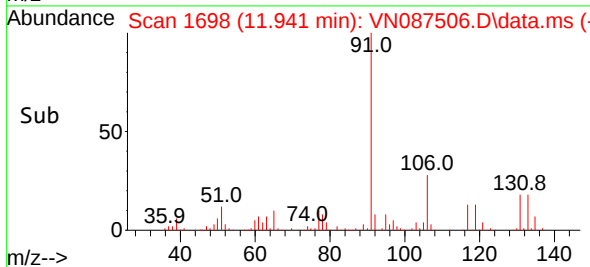
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

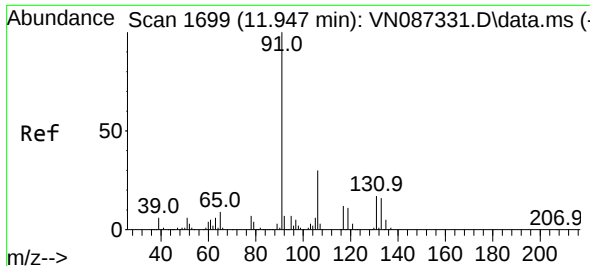


#66
1,1,1,2-Tetrachloroethane
Concen: 18.427 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



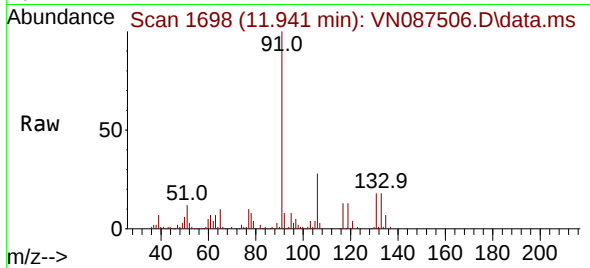
Tgt Ion:131 Resp: 75727
Ion Ratio Lower Upper
131 100
133 97.7 47.4 142.3
119 67.5 33.1 99.2





#67
Ethyl Benzene
Concen: 19.987 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

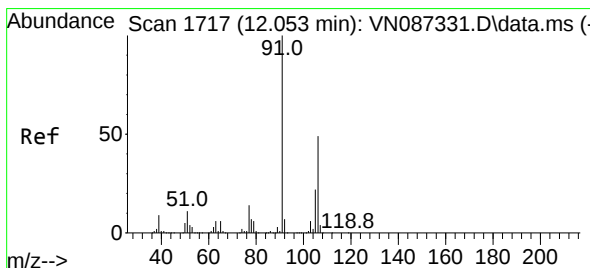
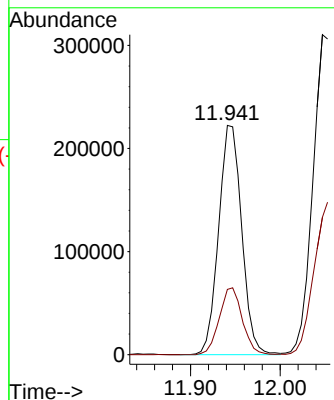
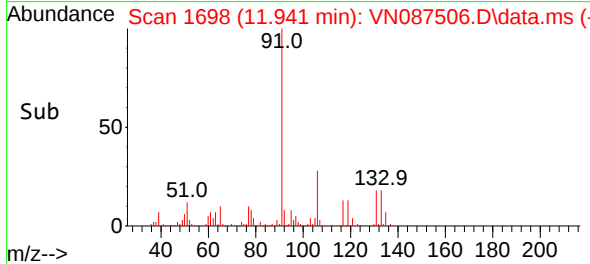
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 91 Resp: 39767
Ion Ratio Lower Upper
91 100
106 28.4 24.3 36.5

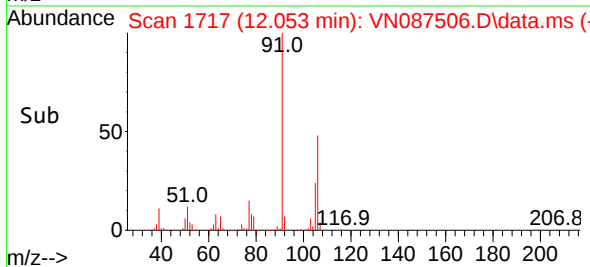
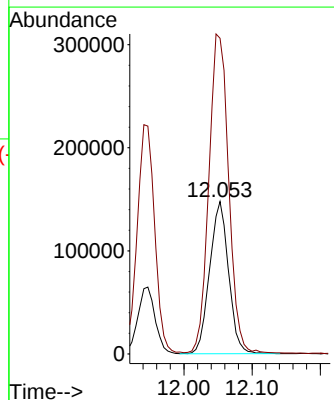
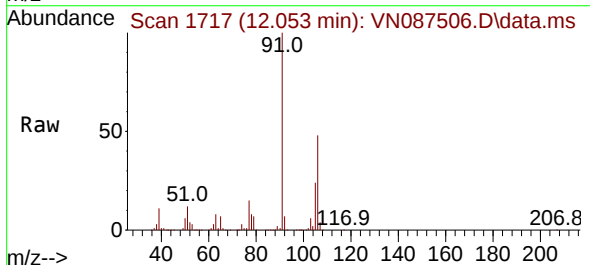
Manual Integrations
APPROVED

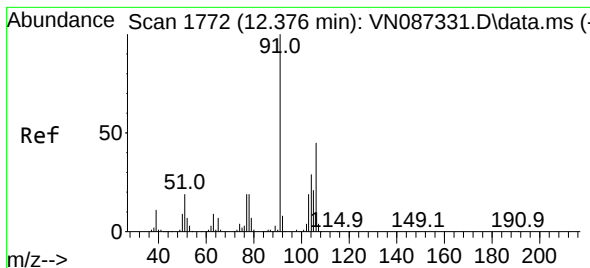
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#68
m/p-Xylenes
Concen: 38.257 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

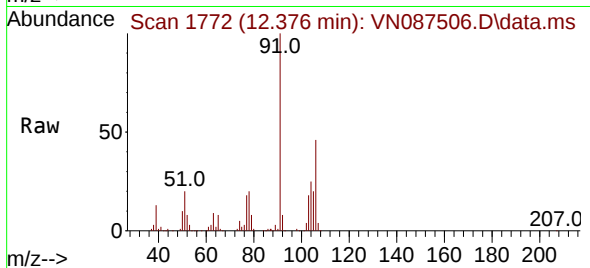
Tgt Ion:106 Resp: 285031
Ion Ratio Lower Upper
106 100
91 220.8 162.0 243.0





#69
o-Xylene
Concen: 20.414 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

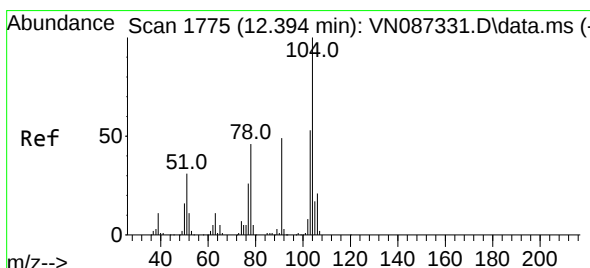
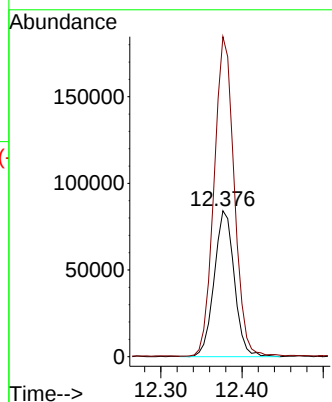
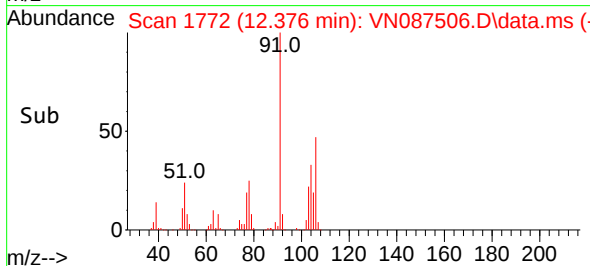
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion:106 Resp: 14528
Ion Ratio Lower Upper
106 100
91 218.9 107.7 323.3

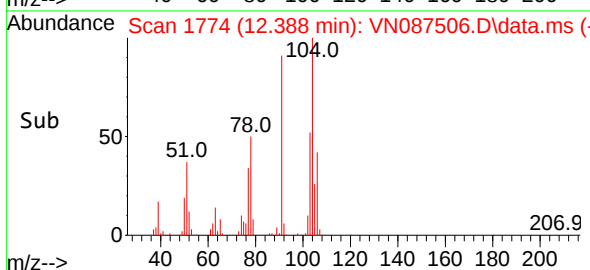
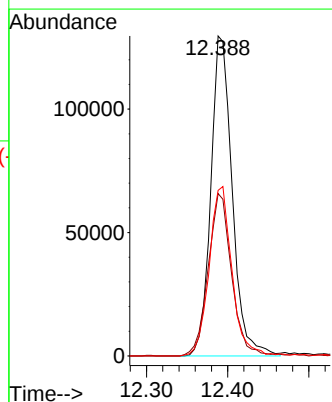
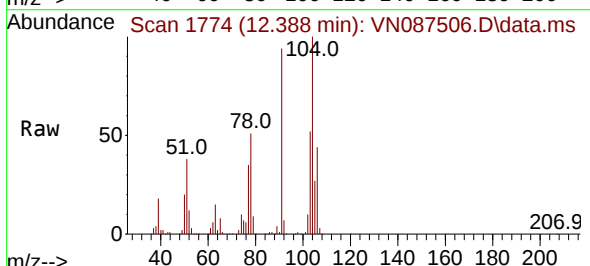
Manual Integrations
APPROVED

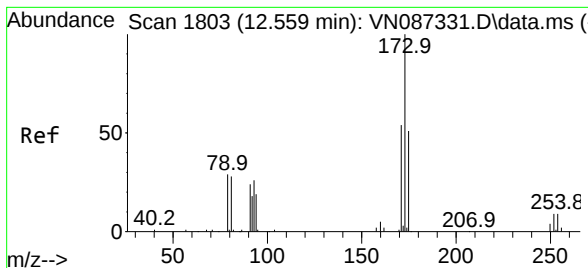
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#70
Styrene
Concen: 19.866 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

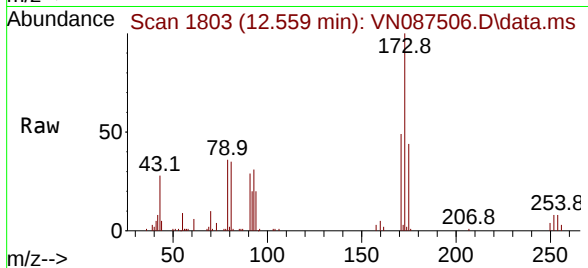
Tgt Ion:104 Resp: 237836
Ion Ratio Lower Upper
104 100
78 55.5 41.0 61.6
103 56.4 43.9 65.9





#71
Bromoform
Concen: 17.847 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

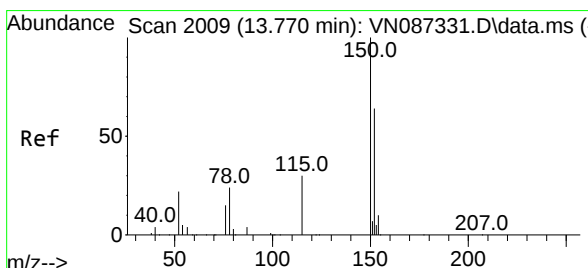
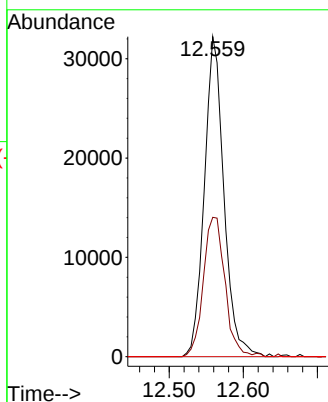
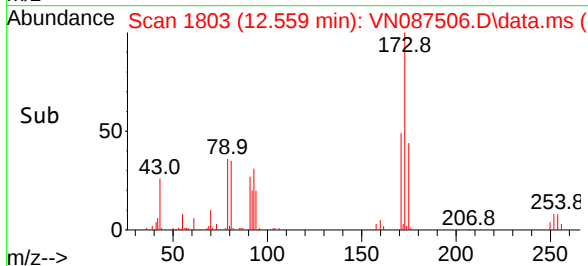
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



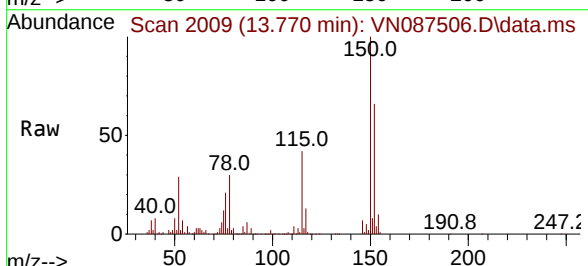
Tgt Ion:173 Resp: 5925
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

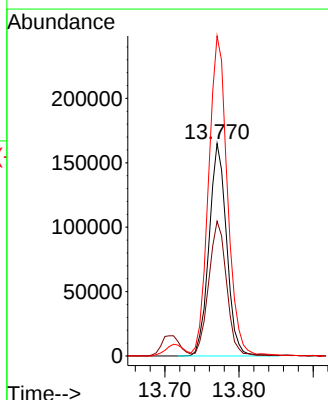
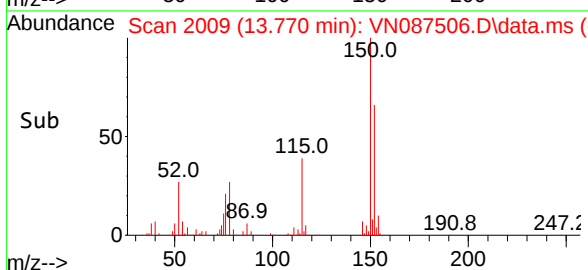
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

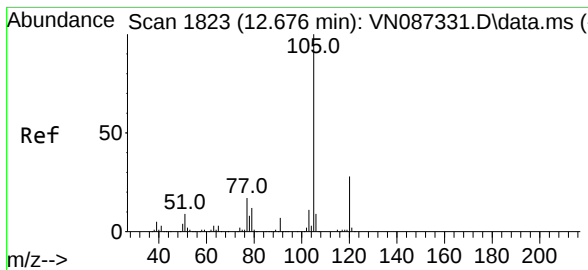


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



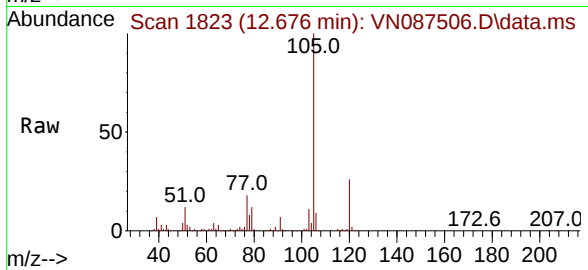
Tgt Ion:152 Resp: 271905
Ion Ratio Lower Upper
152 100
115 63.9 31.1 93.5
150 161.2 0.0 349.0





#73
Isopropylbenzene
Concen: 21.768 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

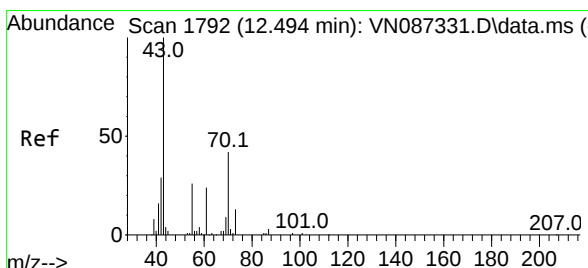
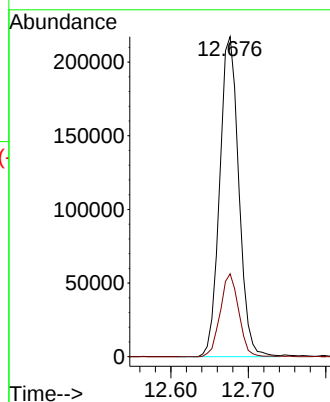
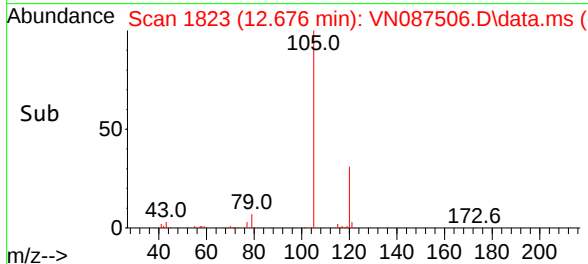
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



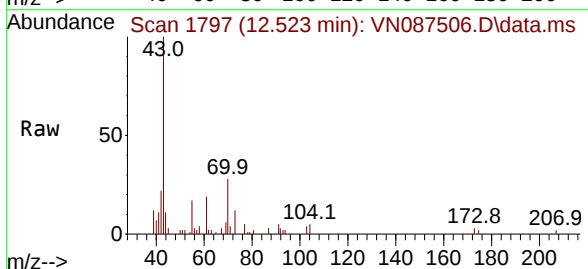
Tgt Ion:105 Resp: 372519
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.1

Manual Integrations
APPROVED

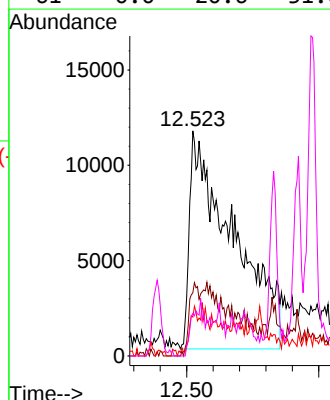
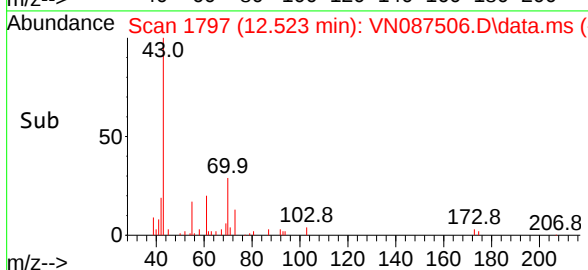
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

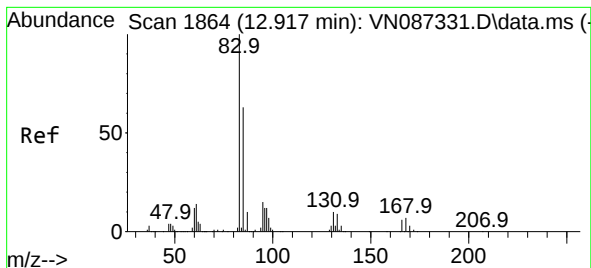


#74
N-ethyl acetate
Concen: 18.202 ug/l m
RT: 12.523 min Scan# 1797
Delta R.T. 0.030 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



Tgt Ion: 43 Resp: 129419
Ion Ratio Lower Upper
43 100
70 7.2 37.6 56.4#
55 3.3 19.6 29.4#
61 0.0 20.6 31.0#





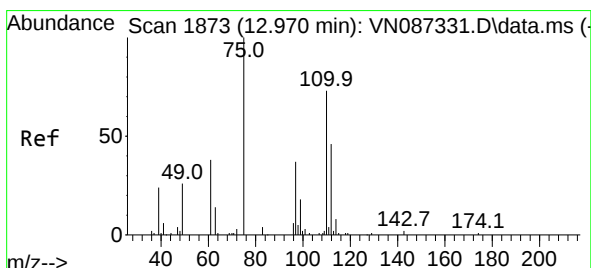
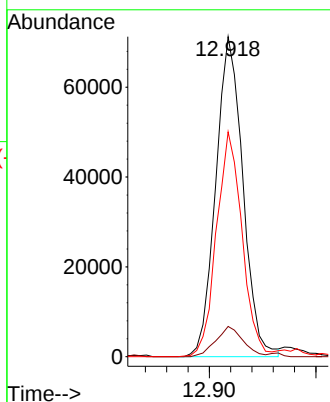
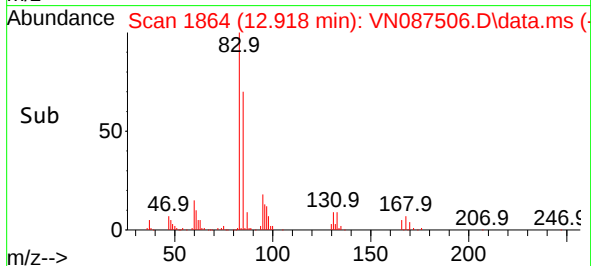
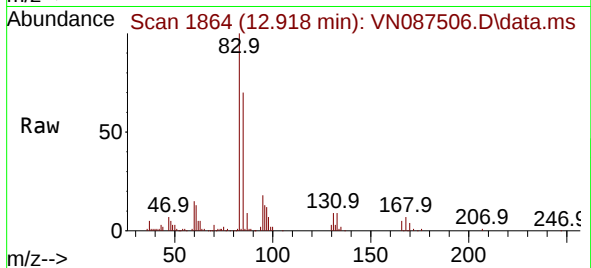
#75
1,1,2,2-Tetrachloroethane
Concen: 19.559 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01

Tgt Ion: 83 Resp: 125948
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 66.4 32.5 97.4

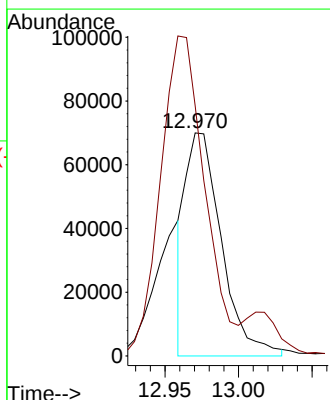
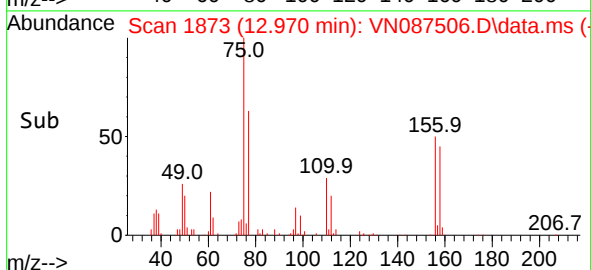
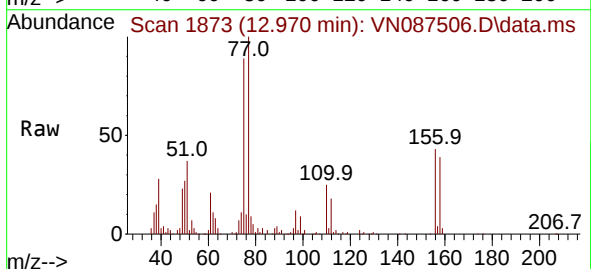
Manual Integrations
APPROVED

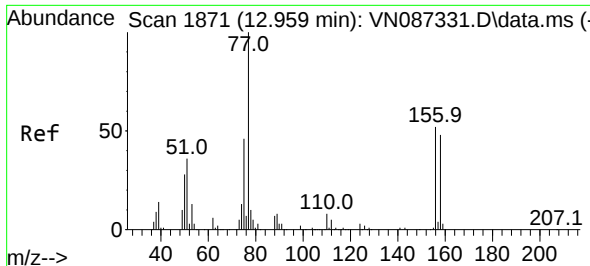
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#76
1,2,3-Trichloropropane
Concen: 19.525 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

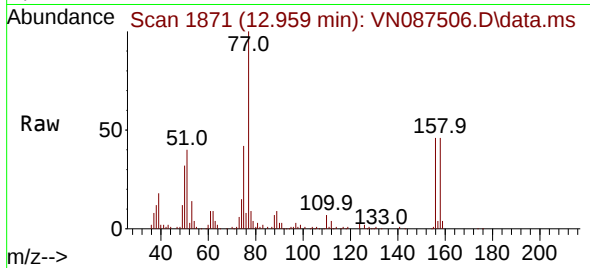
Tgt Ion: 75 Resp: 119046
Ion Ratio Lower Upper
75 100
77 176.7 94.5 283.6





#77
Bromobenzene
Concen: 19.366 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

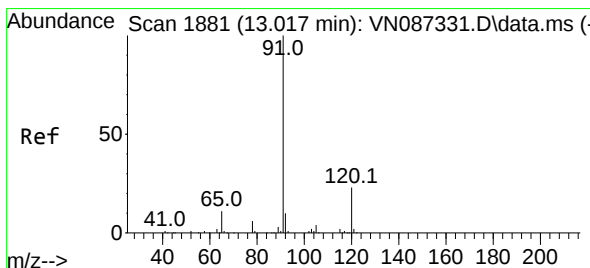
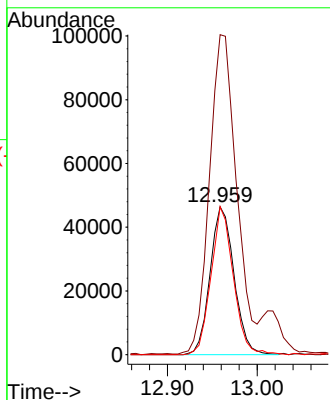
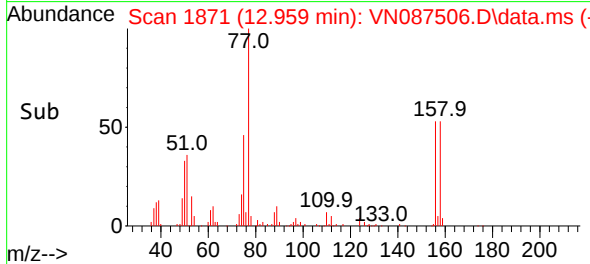
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion:156 Resp: 85950
Ion Ratio Lower Upper
156 100
77 244.7 114.9 344.6
158 93.3 48.5 145.5

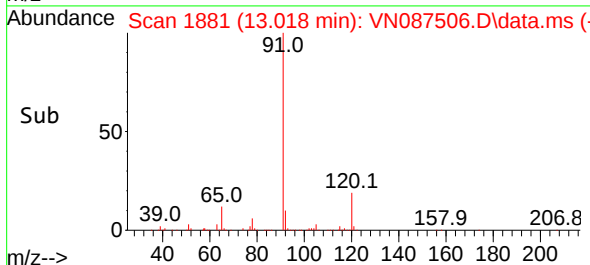
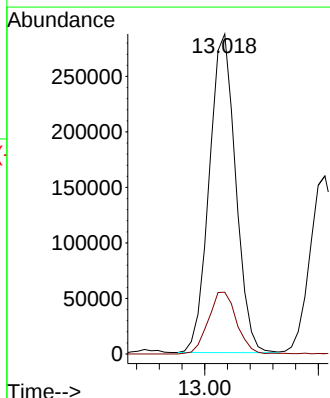
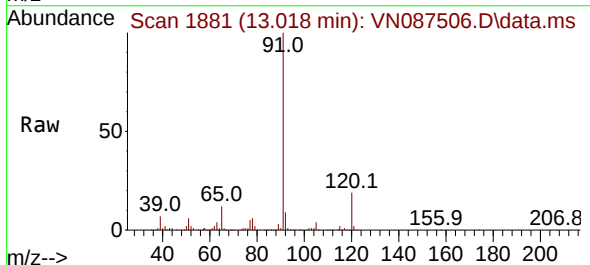
Manual Integrations
APPROVED

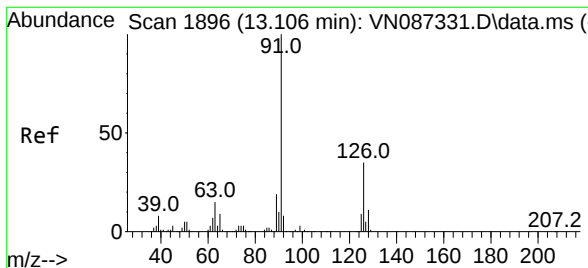
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#78
n-propylbenzene
Concen: 21.572 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

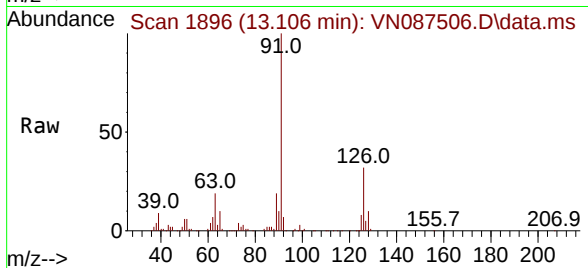
Tgt Ion: 91 Resp: 464459
Ion Ratio Lower Upper
91 100
120 20.8 11.3 33.8





#79
2-Chlorotoluene
Concen: 20.763 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

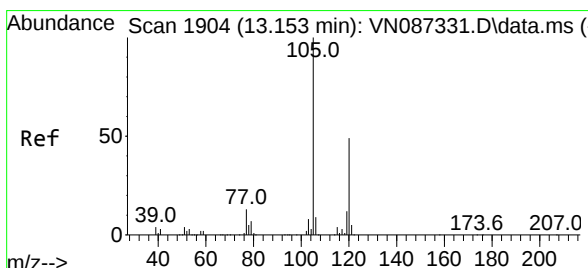
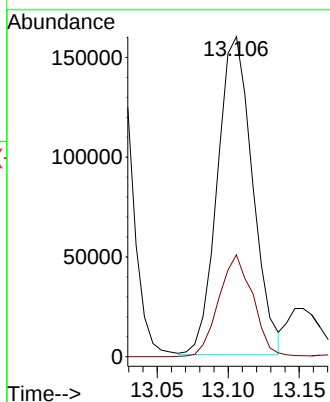
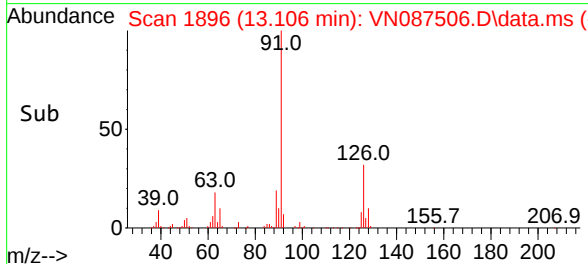
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



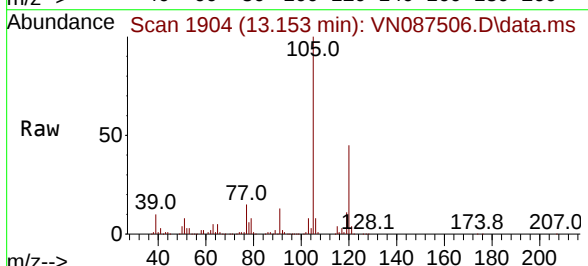
Tgt Ion: 91 Resp: 274748
Ion Ratio Lower Upper
91 100
126 31.2 16.9 50.6

Manual Integrations
APPROVED

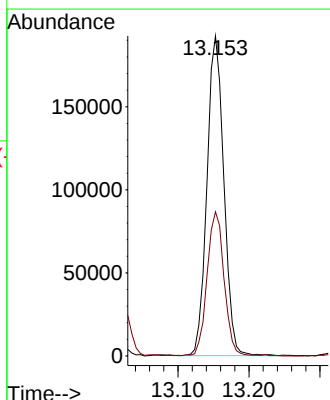
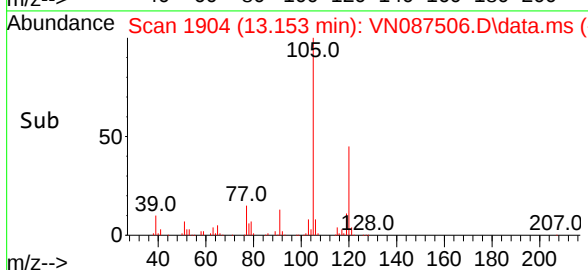
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

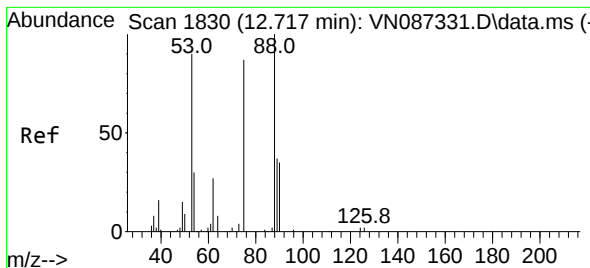


#80
1,3,5-Trimethylbenzene
Concen: 21.778 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



Tgt Ion:105 Resp: 317546
Ion Ratio Lower Upper
105 100
120 45.0 24.3 72.8





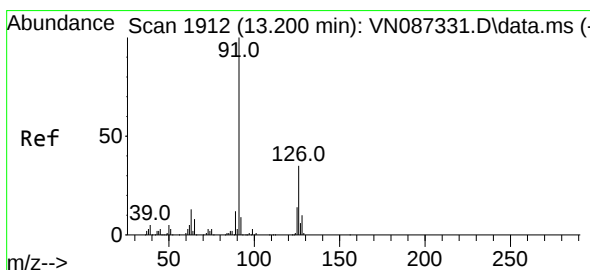
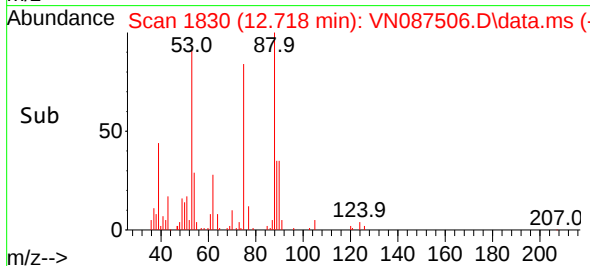
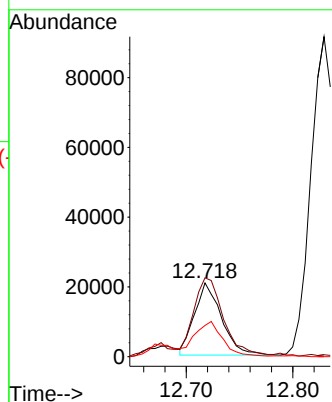
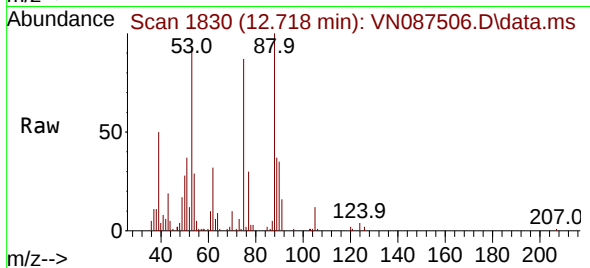
#81
trans-1,4-Dichloro-2-butene
Concen: 16.335 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01

Tgt Ion: 75 Resp: 3640
Ion Ratio Lower Upper
75 100
53 115.5 83.5 125.3
89 53.5 38.4 57.6

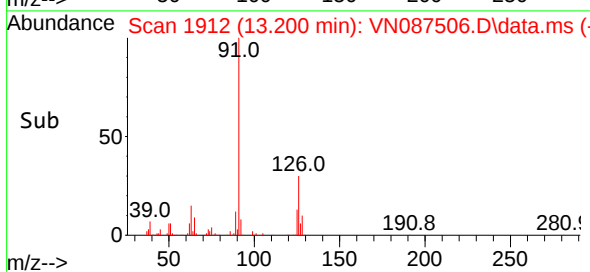
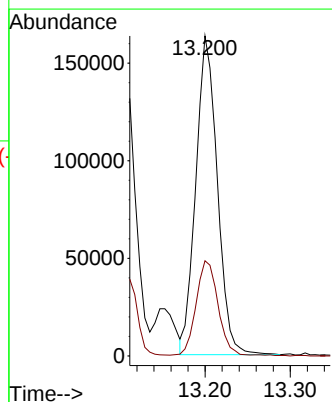
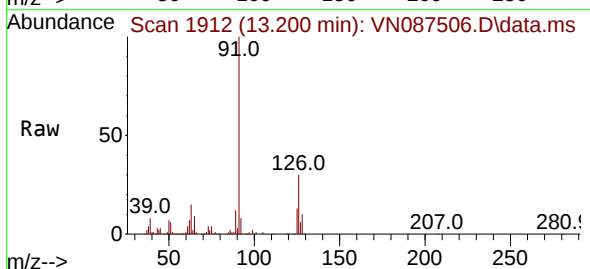
Manual Integrations
APPROVED

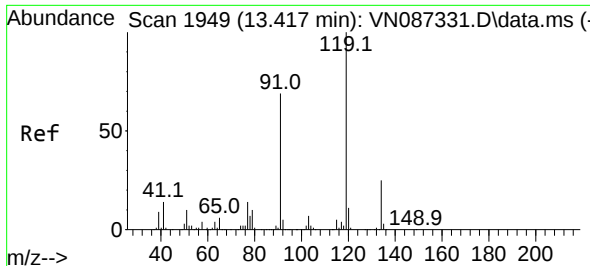
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#82
4-Chlorotoluene
Concen: 20.772 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

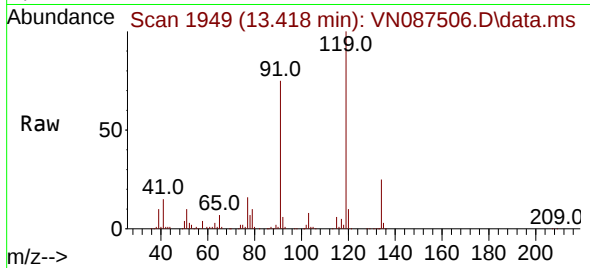
Tgt Ion: 91 Resp: 286168
Ion Ratio Lower Upper
91 100
126 31.0 16.6 49.7





#83
 tert-Butylbenzene
 Concen: 22.112 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15

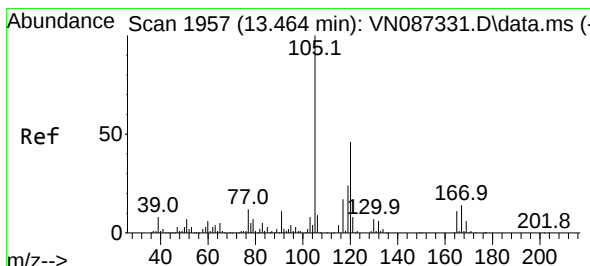
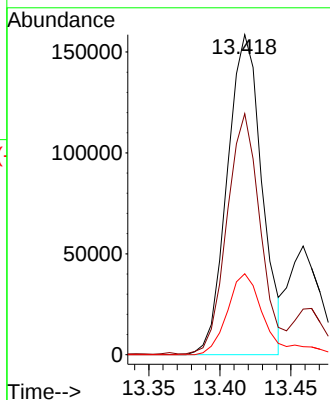
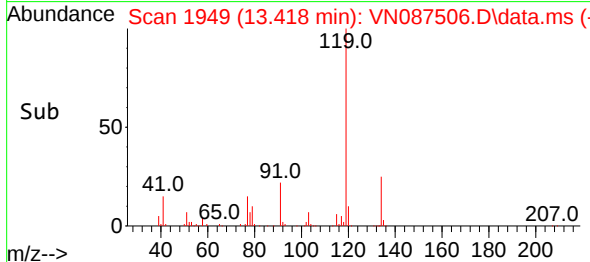
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD01



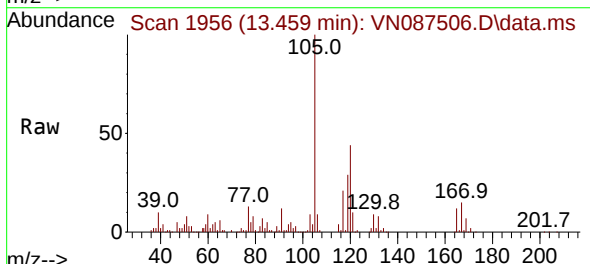
Tgt Ion:119 Resp: 269279
 Ion Ratio Lower Upper
 119 100
 91 72.7 35.0 105.1
 134 27.3 12.6 37.6

Manual Integrations
 APPROVED

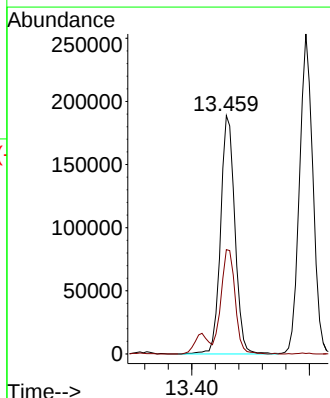
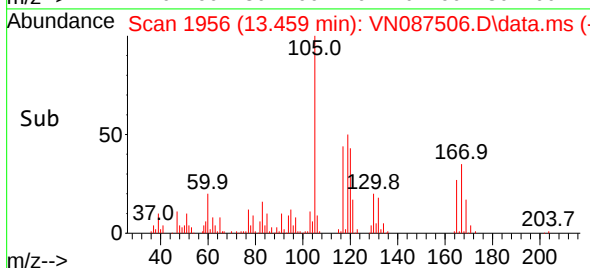
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

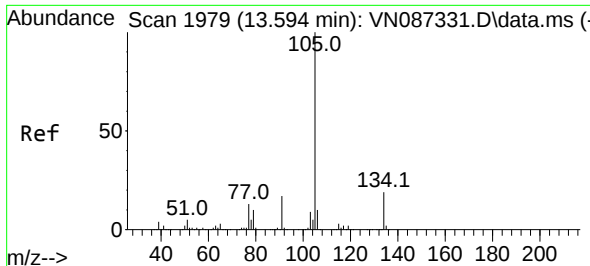


#84
 1,2,4-Trimethylbenzene
 Concen: 21.415 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15



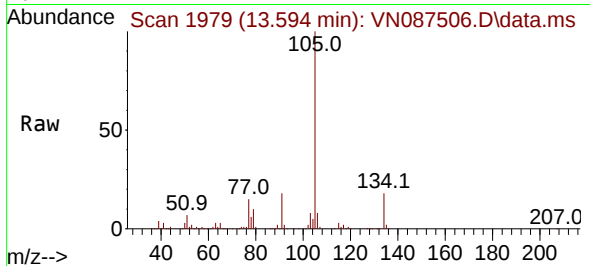
Tgt Ion:105 Resp: 318879
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.8 68.3





#85
 sec-Butylbenzene
 Concen: 21.800 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15

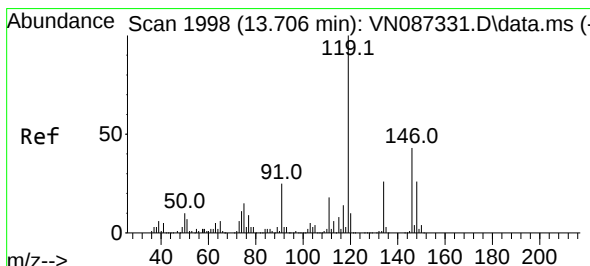
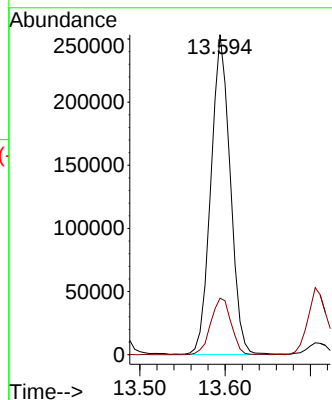
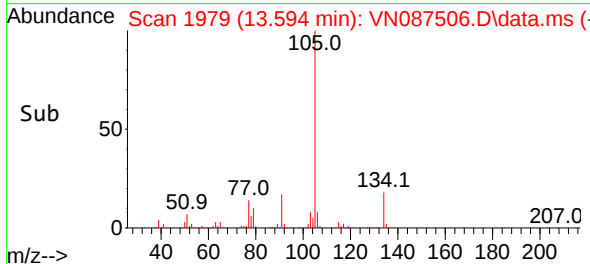
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD01



Tgt Ion:105 Resp: 399890
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4

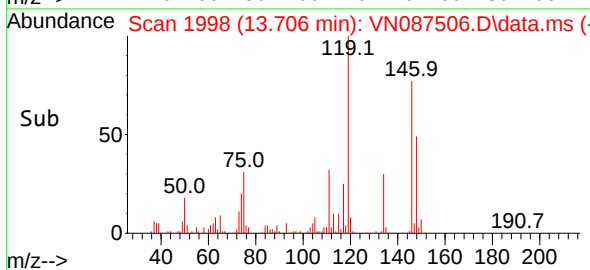
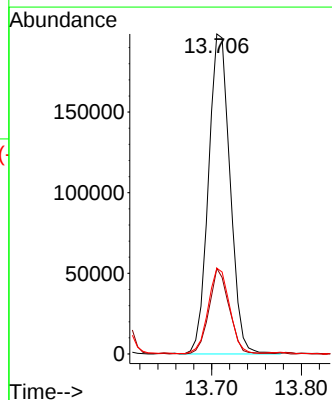
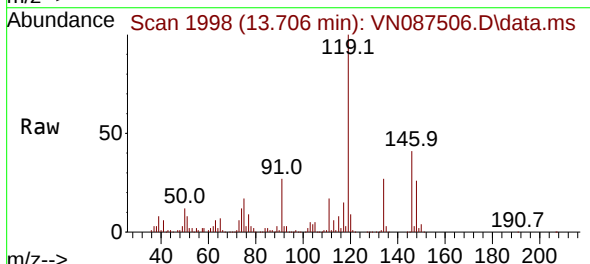
Manual Integrations
 APPROVED

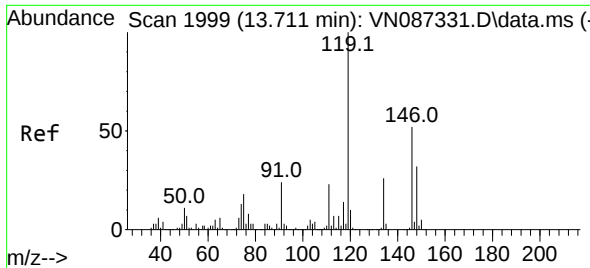
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#86
 p-Isopropyltoluene
 Concen: 22.514 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15

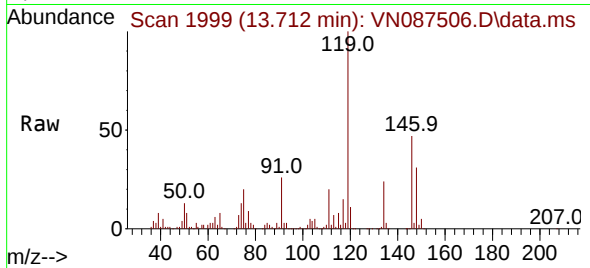
Tgt Ion:119 Resp: 330968
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.5 40.5
 91 26.6 12.2 36.6





#87
 1,3-Dichlorobenzene
 Concen: 18.907 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15

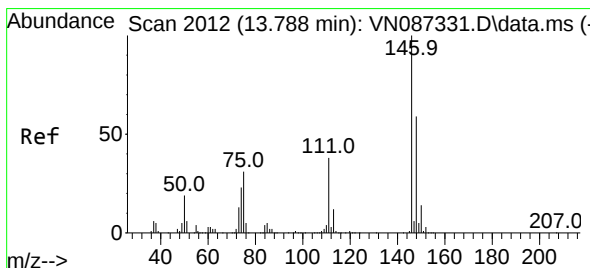
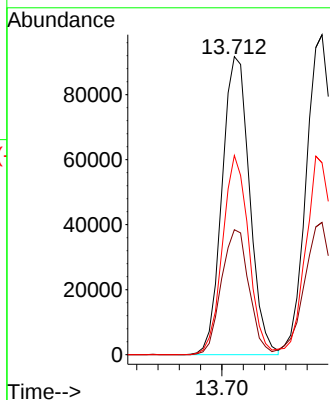
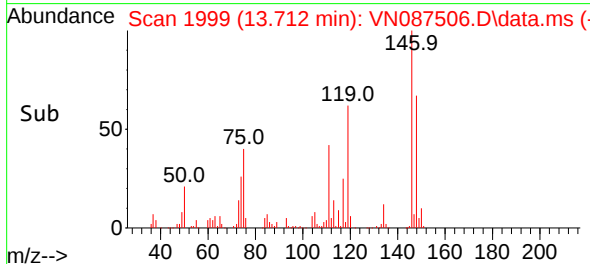
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBSD01



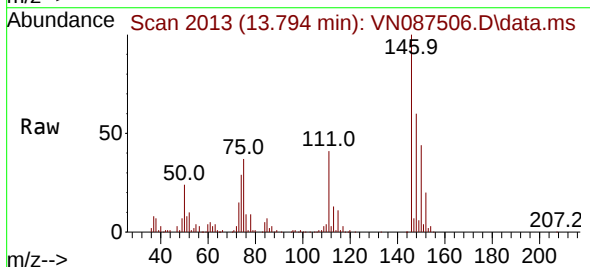
Tgt Ion:146 Resp: 164685
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.4 64.3
 148 63.1 31.6 95.0

Manual Integrations
 APPROVED

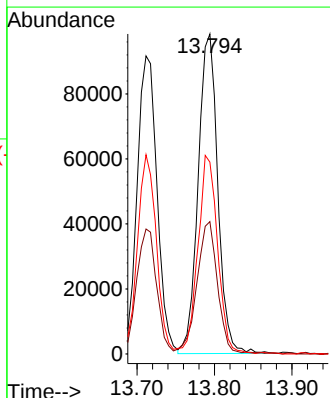
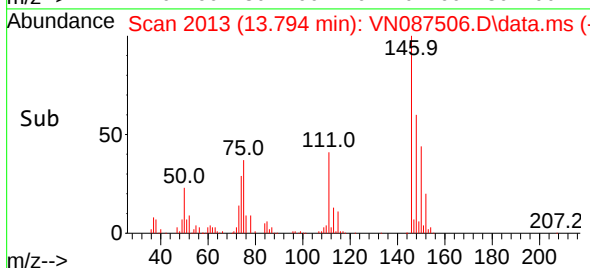
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

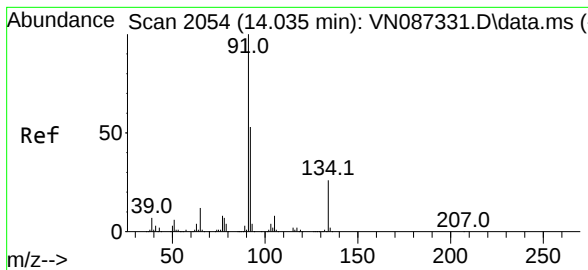


#88
 1,4-Dichlorobenzene
 Concen: 18.579 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN087506.D
 Acq: 12 Aug 2025 12:15



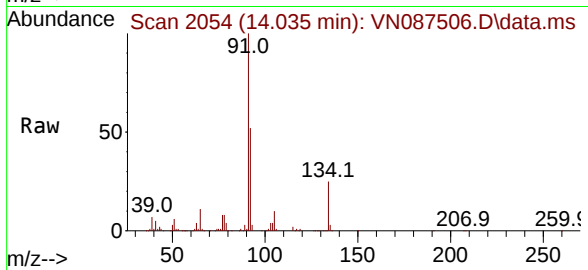
Tgt Ion:146 Resp: 172838
 Ion Ratio Lower Upper
 146 100
 111 44.0 19.6 58.7
 148 61.8 31.4 94.0





#89
n-Butylbenzene
Concen: 23.642 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

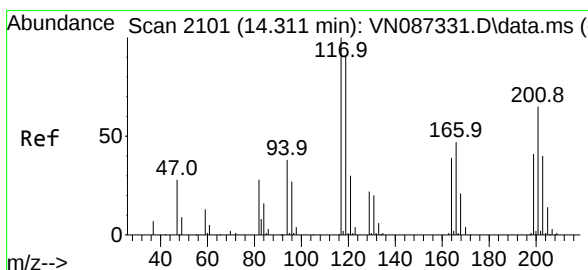
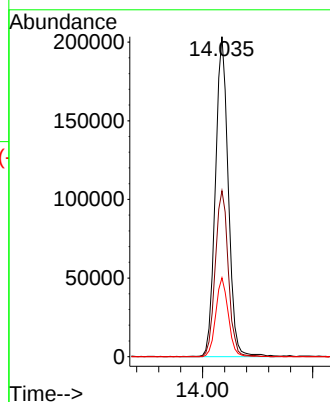
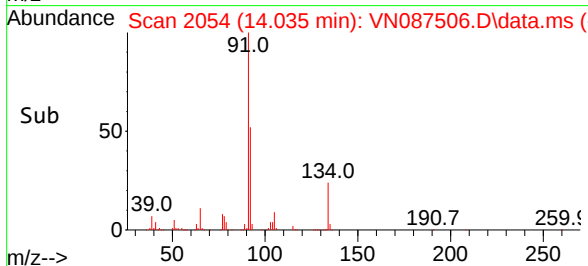
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion: 91 Resp: 33186
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.6
134 23.8 12.4 37.2

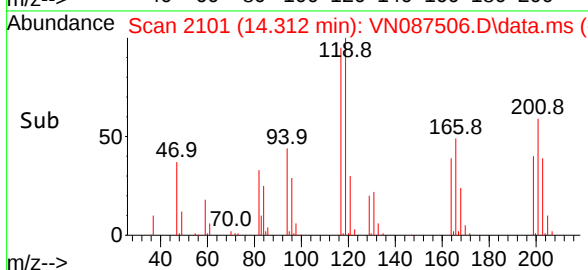
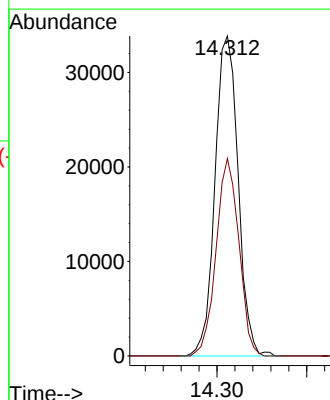
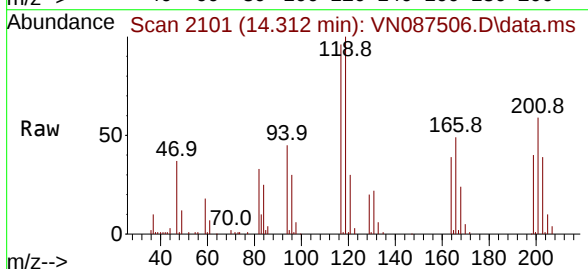
Manual Integrations
APPROVED

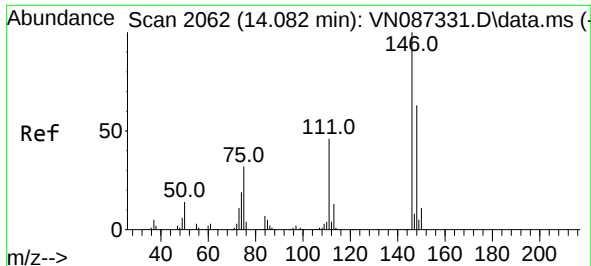
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#90
Hexachloroethane
Concen: 19.445 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

Tgt Ion:117 Resp: 60565
Ion Ratio Lower Upper
117 100
201 60.8 32.8 98.4





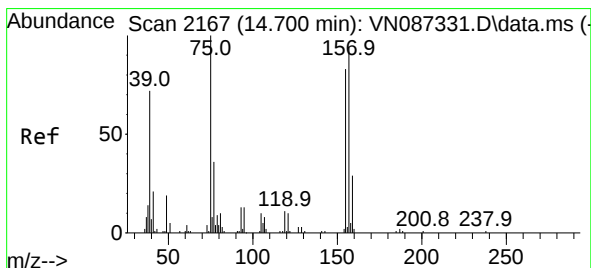
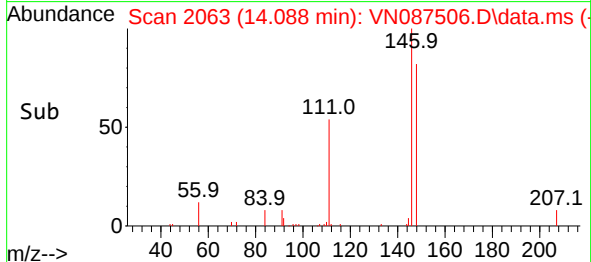
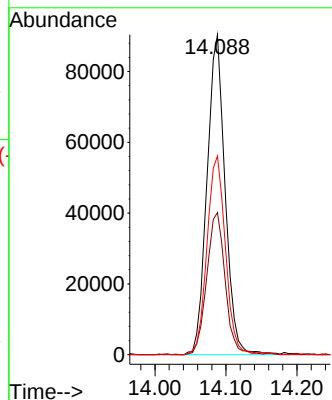
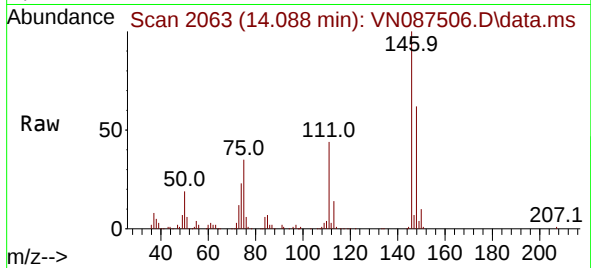
#91
1,2-Dichlorobenzene
Concen: 19.377 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01

Tgt Ion:146 Resp: 159900
Ion Ratio Lower Upper
146 100
111 45.3 22.0 66.0
148 63.2 32.7 98.1

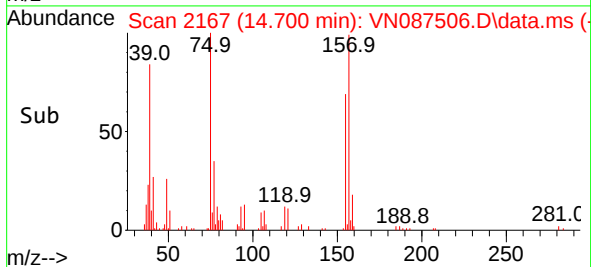
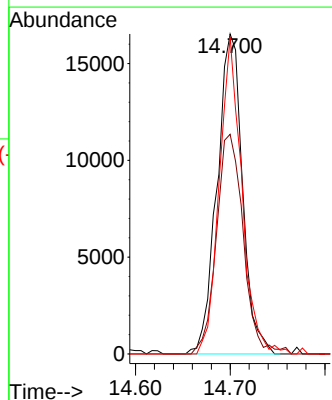
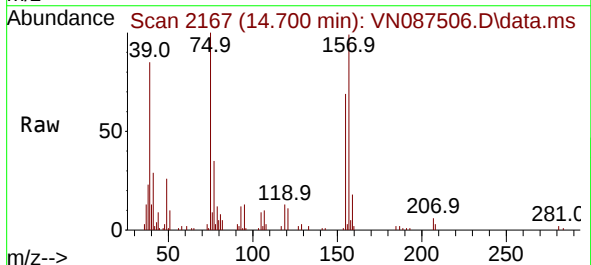
Manual Integrations
APPROVED

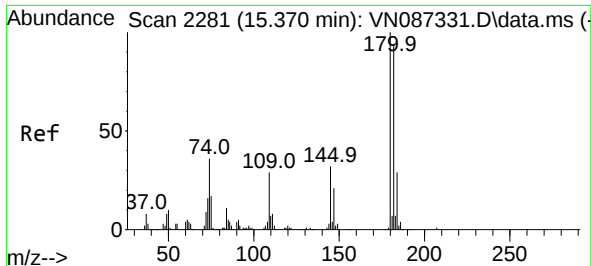
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.270 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

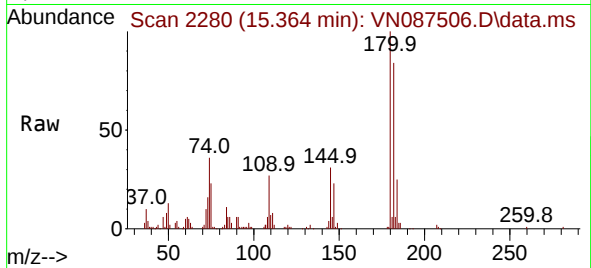
Tgt Ion: 75 Resp: 30887
Ion Ratio Lower Upper
75 100
155 72.3 37.3 111.8
157 87.4 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 20.262 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

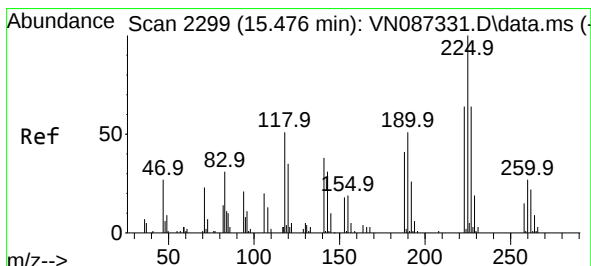
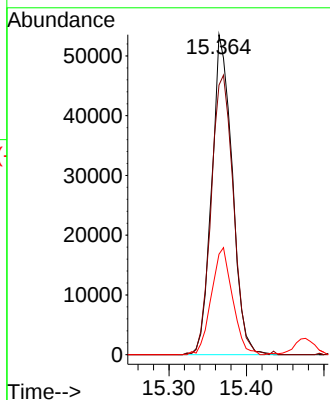
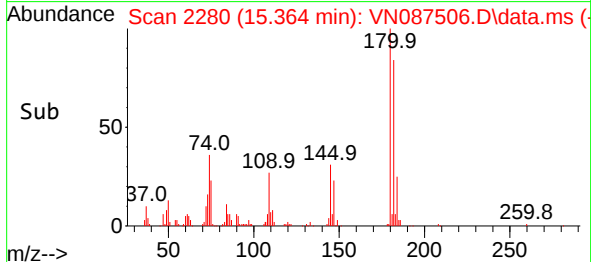
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



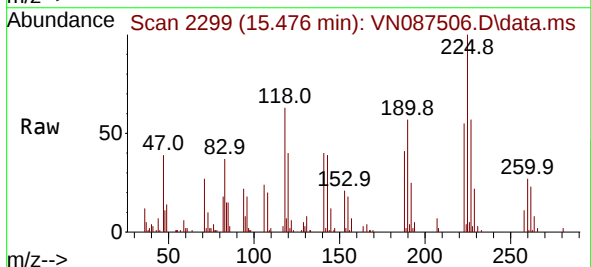
Tgt Ion:180 Resp: 98215
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 34.7 15.4 46.4

Manual Integrations
APPROVED

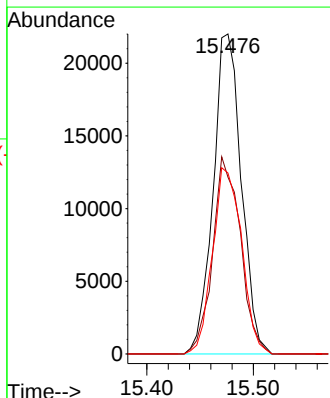
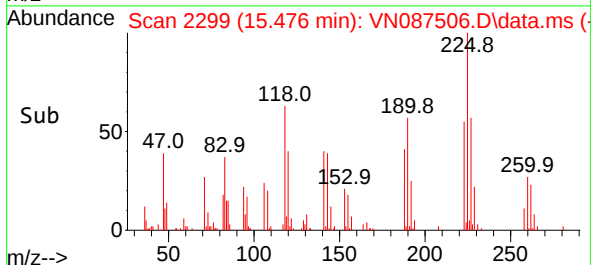
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

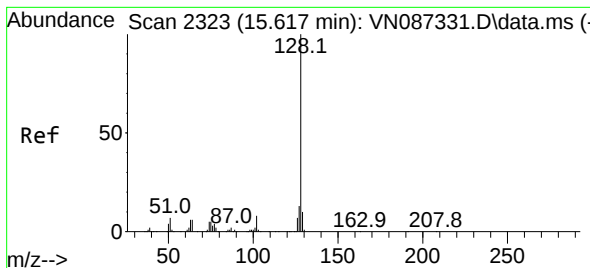


#94
Hexachlorobutadiene
Concen: 22.420 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15



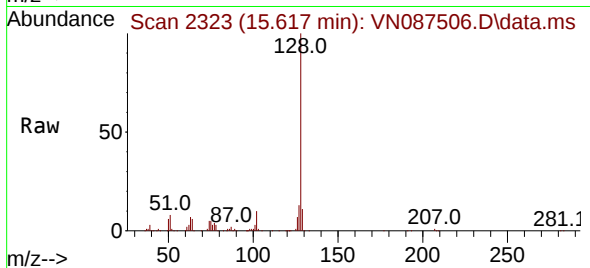
Tgt Ion:225 Resp: 40380
Ion Ratio Lower Upper
225 100
223 60.7 32.1 96.3
227 60.1 31.3 93.9





#95
Naphthalene
Concen: 20.513 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

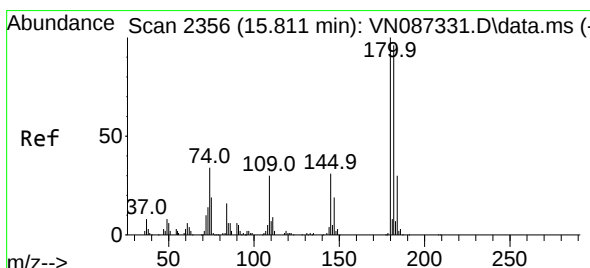
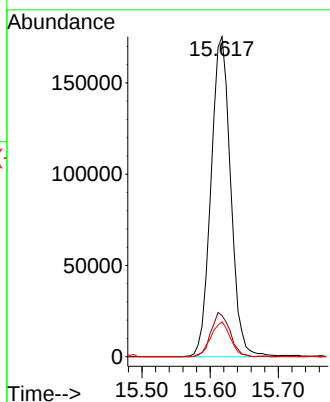
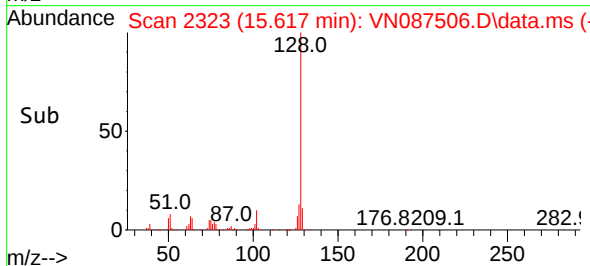
Instrument :
MSVOA_N
ClientSampleId :
VN0812WBSD01



Tgt Ion:128 Resp: 352249
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.684 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087506.D
Acq: 12 Aug 2025 12:15

Tgt Ion:180 Resp: 95710
Ion Ratio Lower Upper
180 100
182 92.0 47.1 141.4
145 37.2 16.9 50.6

