

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087469.D
 Acq On : 06 Aug 2025 10:02
 Operator : JC\MD
 Sample : VN0806WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/07/2025
 Supervised By : Mahesh Dadoda 08/07/2025

Quant Time: Aug 07 03:31:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	63364	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	358328	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	323326	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	179562	30.724	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.400%			
60) 4-Bromofluorobenzene	12.829	95	164013	29.476	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.267%			
63) Toluene-d8	10.547	98	451965	30.380	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.267%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	79681	19.261	ug/l	95
3) Chloromethane	2.383	50	78829	18.572	ug/l	95
4) Vinyl Chloride	2.536	62	83119	18.463	ug/l	97
5) Bromomethane	2.983	94	47149	19.349	ug/l	91
6) Chloroethane	3.142	64	54479	18.767	ug/l	92
7) Trichlorofluoromethane	3.512	101	119682	18.473	ug/l	96
8) Diethyl Ether	3.965	74	50998	18.894	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	60300	18.251	ug/l	88
10) 1,1-Dichloroethene	4.336	96	63105	18.184	ug/l	95
11) Methyl Iodide	4.583	142	41100	15.041	ug/l	98
12) Methyl Acetate	5.018	43	112204	17.520	ug/l	98
13) Acrolein	4.177	56	102386	104.675	ug/l	100
14) Acrylonitrile	5.706	53	241894	86.499	ug/l #	90
15) Acetone	4.418	58	77535	97.037	ug/l	99
16) Carbon Disulfide	4.700	76	192280	17.862	ug/l	97
17) Allyl chloride	5.012	41	127668	18.049	ug/l	97
18) Methylene Chloride	5.265	84	79276	17.744	ug/l	91
19) trans-1,2-Dichloroethene	5.777	96	71221	17.258	ug/l	88
20) Diisopropyl ether	6.653	45	291281	18.076	ug/l	97
21) 1,1-Dichloroethane	6.553	63	149792	17.983	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	90956	17.912	ug/l	97
23) tert-Butyl Alcohol	5.524	59	97967	82.443	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	280616	17.745	ug/l	97
25) Chloroform	7.953	83	156152	17.960	ug/l	94
26) Cyclohexane	8.235	56	119227	17.878	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	104354	17.855	ug/l	99
30) 2-Butanone	7.471	43	369273	85.719	ug/l	99
31) 2,2-Dichloropropane	7.471	77	135200	17.936	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	132466	17.771	ug/l	97
33) Carbon Tetrachloride	8.347	117	110426m	17.833	ug/l	
34) Benzene	8.588	78	322889	17.502	ug/l	99
35) Methacrylonitrile	7.759	41	74555	16.037	ug/l	99
36) 1,2-Dichloroethane	8.653	62	132443	17.762	ug/l	99
37) Trichloroethene	9.335	130	70488	17.345	ug/l	93
38) Methylcyclohexane	9.582	83	117215	17.288	ug/l	97
39) 1,2-Dichloropropane	9.600	63	82800	17.505	ug/l	100
40) Dibromomethane	9.688	93	61810	17.416	ug/l	98
41) Bromodichloromethane	9.865	83	124972	16.946	ug/l #	99
42) Vinyl Acetate	6.588	43	1374145	96.860	ug/l	99

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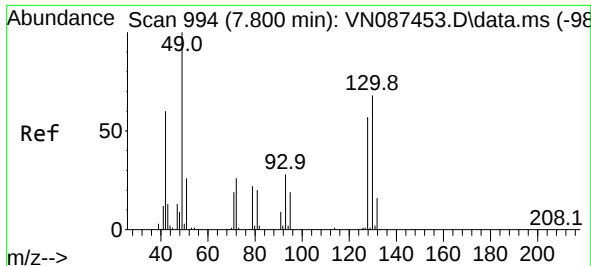
Manual Integrations
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Reviewed By : John Carlone 08/07/2025
 Supervised By : Mahesh Dadoda 08/07/2025

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	152217	18.290	ug/l	100
44) Isopropyl Acetate	8.677	43	244512	17.332	ug/l	99
45) 1,4-Dioxane	9.682	88	29054	323.056	ug/l	98
46) Methyl methacrylate	9.665	41	111253	16.707	ug/l	96
47) n-amyl Acetate	12.518	43	139526m	17.903	ug/l	
48) t-1,3-Dichloropropene	10.818	75	135922	16.941	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	140984	17.461	ug/l	99
50) 1,1,2-Trichloroethane	10.994	97	76886	17.147	ug/l	95
51) Ethyl methacrylate	10.859	69	137945	17.468	ug/l	98
52) 1,3-Dichloropropane	11.141	76	139589	17.279	ug/l	98
53) Dibromochloromethane	11.341	129	87302	16.859	ug/l	98
54) 1,2-Dibromoethane	11.447	107	81582	17.139	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	368425	88.622	ug/l	99
56) Bromoform	12.559	173	54768	15.990	ug/l #	99
58) 4-Methyl-2-Pentanone	10.424	43	728097	87.538	ug/l	100
59) 2-Hexanone	11.176	43	490627	86.816	ug/l	99
61) Tetrachloroethene	11.082	164	55879	17.739	ug/l	96
62) Toluene	10.612	91	351649	17.621	ug/l	100
64) Chlorobenzene	11.871	112	215016	17.535	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	73983	17.161	ug/l	99
66) Ethyl Benzene	11.941	91	389345	17.505	ug/l	97
67) m/p-Xylenes	12.047	106	285958	35.025	ug/l	99
68) o-Xylene	12.376	106	136722	17.022	ug/l	97
69) Styrene	12.388	104	236470	17.242	ug/l	99
70) Isopropylbenzene	12.676	105	363829	17.829	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	122266	17.487	ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	105686m	16.226	ug/l	
73) Bromobenzene	12.959	156	84381	17.838	ug/l	97
74) n-propylbenzene	13.012	91	453262	17.786	ug/l	100
75) 2-Chlorotoluene	13.106	91	274436	17.506	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	302233	17.298	ug/l	98
77) t-1,4-Dichloro-2-butene	12.723	75	40937	16.603	ug/l	86
78) 4-Chlorotoluene	13.200	91	285903	17.997	ug/l	96
79) tert-butylbenzene	13.417	119	257421	17.475	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	306316	17.545	ug/l	99
81) sec-Butylbenzene	13.594	105	379577	17.700	ug/l	97
82) p-Isopropyltoluene	13.706	119	317223	17.815	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	158531	17.599	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	164222	17.982	ug/l	98
85) n-Butylbenzene	14.035	91	310306	17.812	ug/l	98
86) Hexachloroethane	14.312	117	60437	17.381	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	149949	17.439	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	28961	16.351	ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	89482	17.413	ug/l	99
90) Hexachlorobutadiene	15.470	225	35275	17.653	ug/l	95
91) Naphthalene	15.611	128	321745	16.420	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	89482	17.413	ug/l	99

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



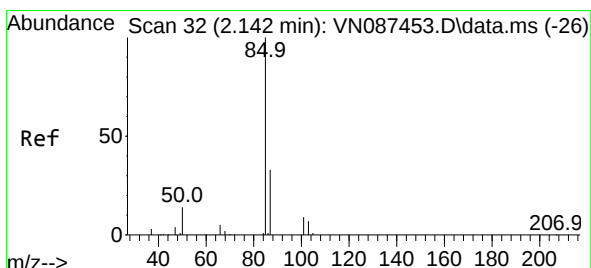
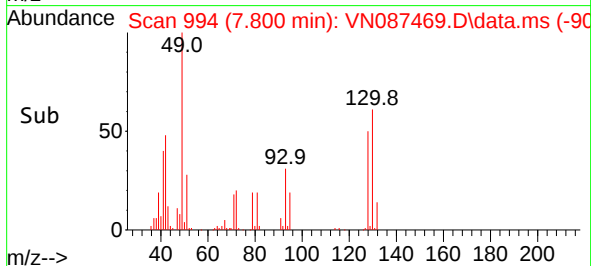
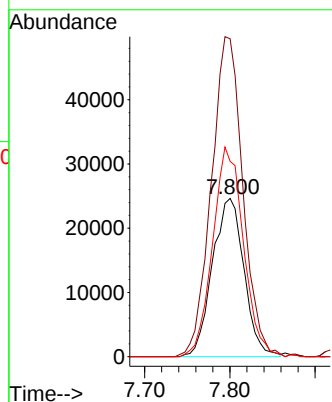
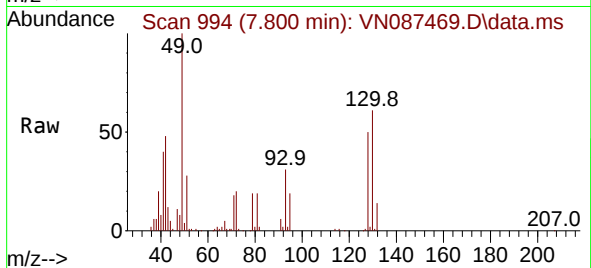
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tgt Ion:128 Resp: 63364
Ion Ratio Lower Upper
128 100
49 201.7 0.0 494.8
130 129.2 0.0 321.5

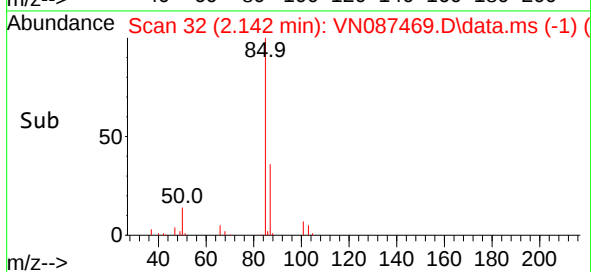
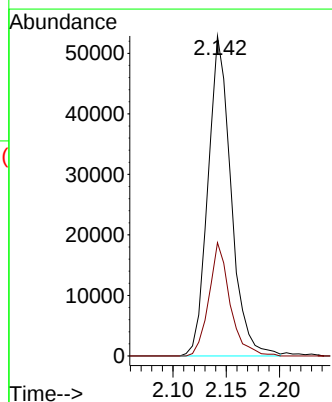
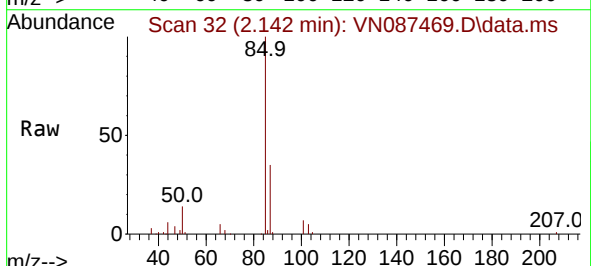
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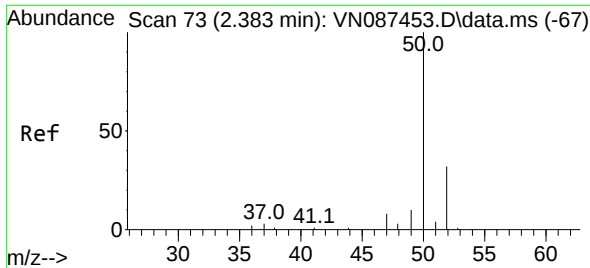
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#2
Dichlorodifluoromethane
Concen: 19.261 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

Tgt Ion: 85 Resp: 79681
Ion Ratio Lower Upper
85 100
87 35.4 16.4 49.2





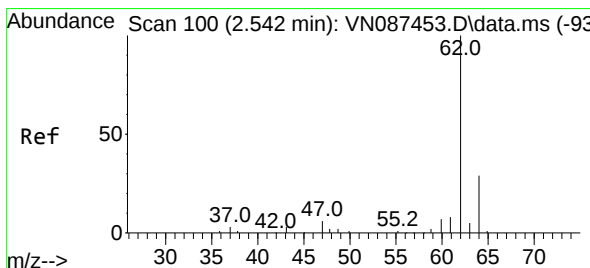
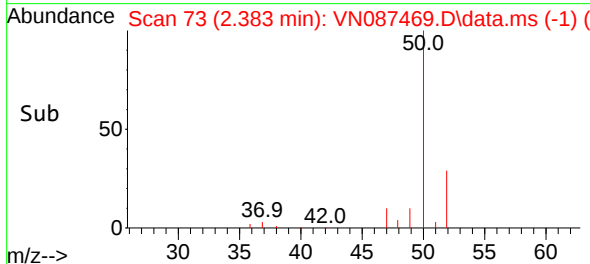
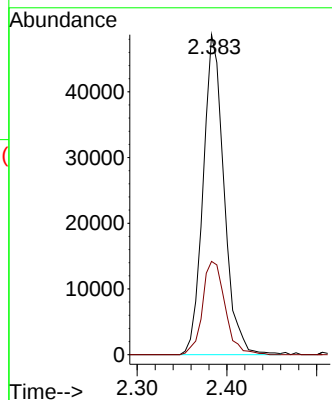
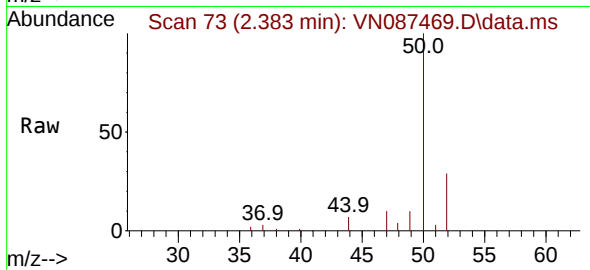
#3
Chloromethane
Concen: 18.572 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tgt Ion: 50 Resp: 78829
Ion Ratio Lower Upper
50 100
52 29.1 25.8 38.6

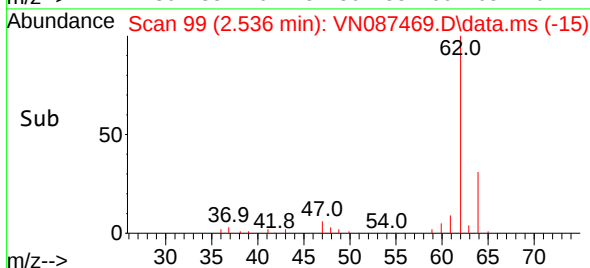
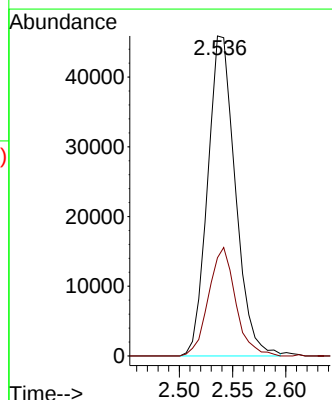
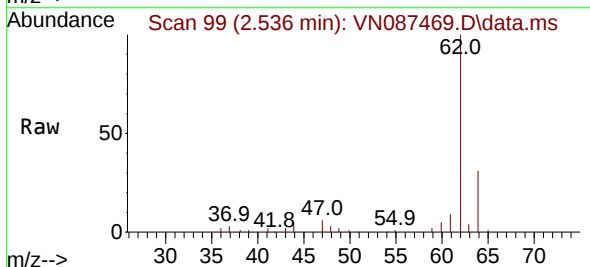
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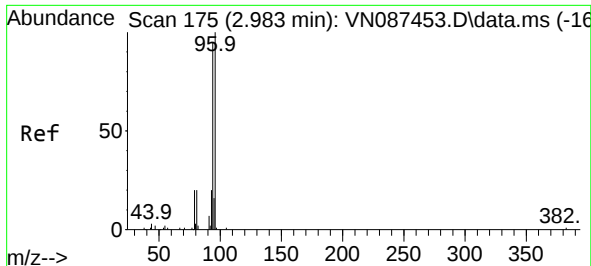
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#4
Vinyl Chloride
Concen: 18.463 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

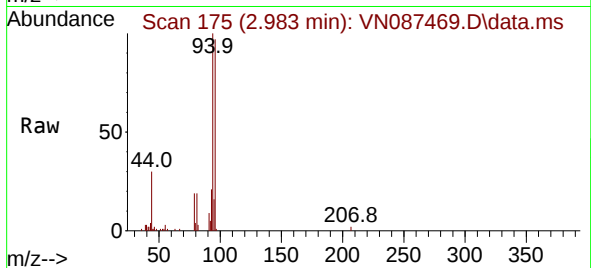
Tgt Ion: 62 Resp: 83119
Ion Ratio Lower Upper
62 100
64 30.7 23.4 35.2





#5
Bromomethane
Concen: 19.349 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

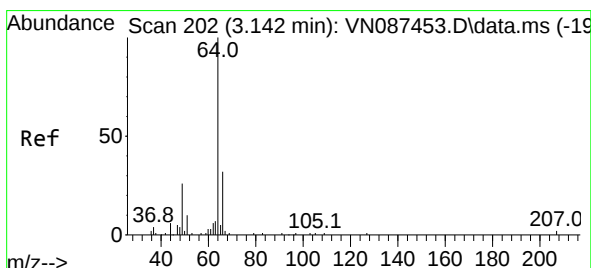
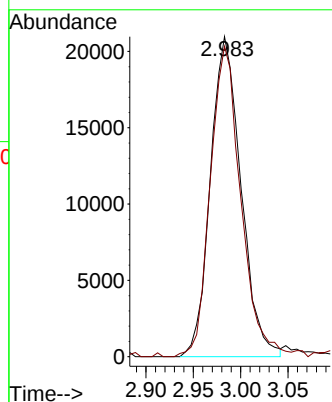
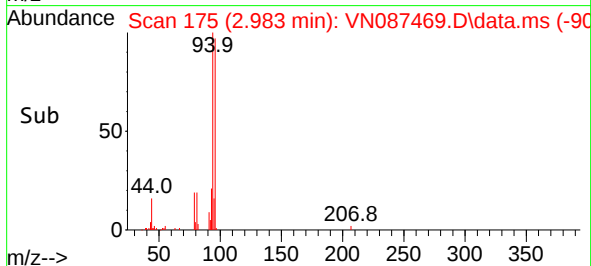
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



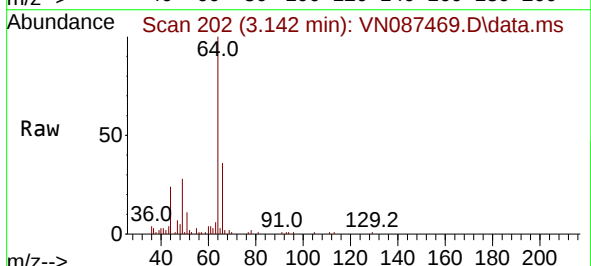
Tgt Ion: 94 Resp: 47149
Ion Ratio Lower Upper
94 100
96 96.0 84.2 126.4

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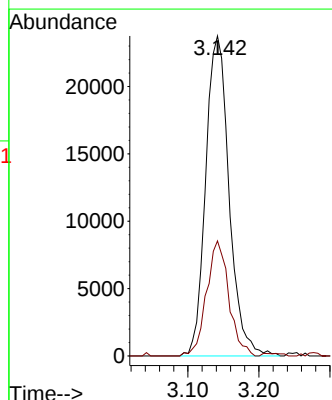
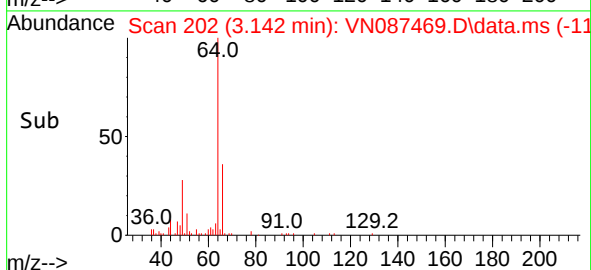
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

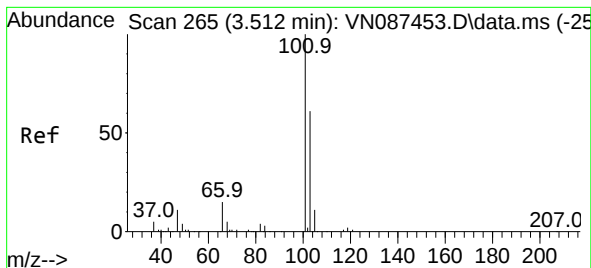


#6
Chloroethane
Concen: 18.767 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



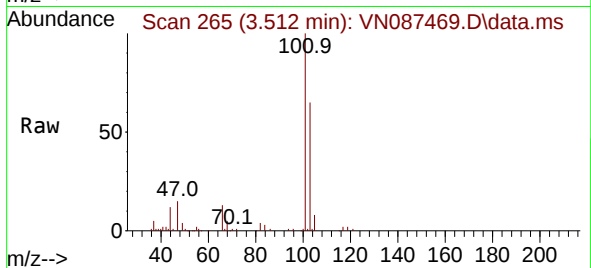
Tgt Ion: 64 Resp: 54479
Ion Ratio Lower Upper
64 100
66 36.0 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 18.473 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN087469.D
 Acq: 06 Aug 2025 10:02

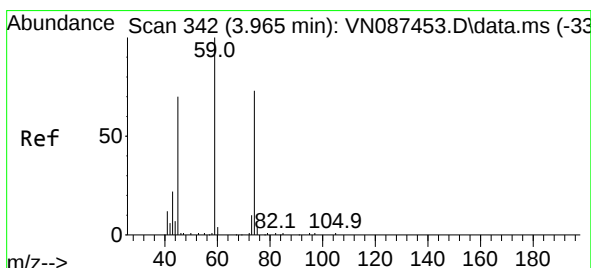
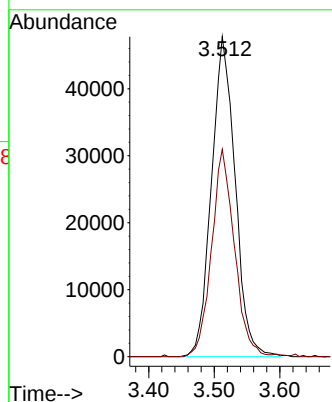
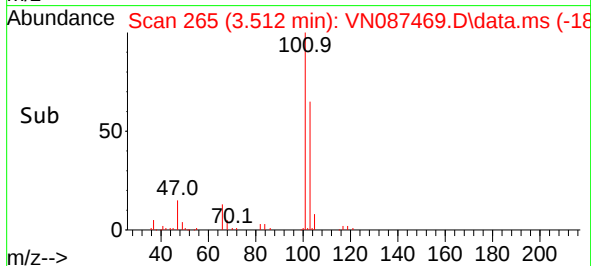
Instrument :
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Tgt Ion:101 Resp: 11968
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.2 73.8

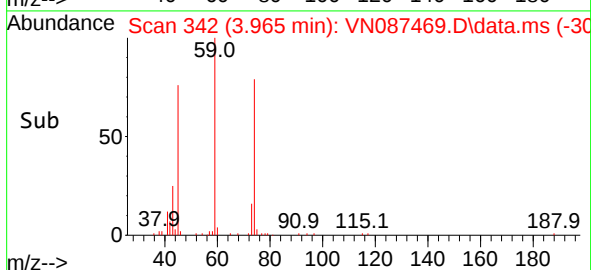
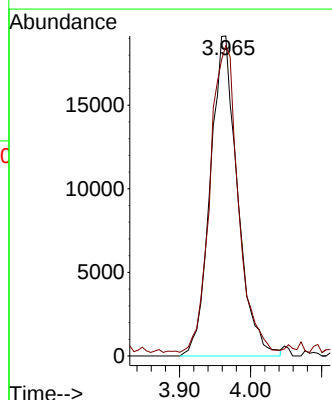
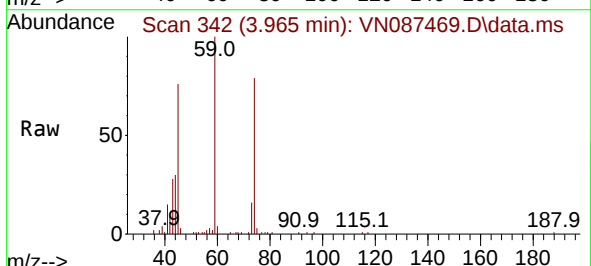
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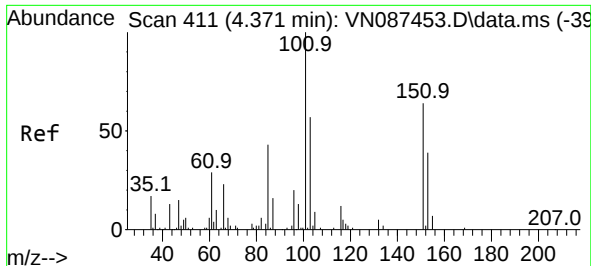
Reviewed By :John Carlone 08/07/2025
 Supervised By :Mahesh Dadoda 08/07/2025



#8
 Diethyl Ether
 Concen: 18.894 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN087469.D
 Acq: 06 Aug 2025 10:02

Tgt Ion: 74 Resp: 50998
 Ion Ratio Lower Upper
 74 100
 45 98.6 20.1 180.9





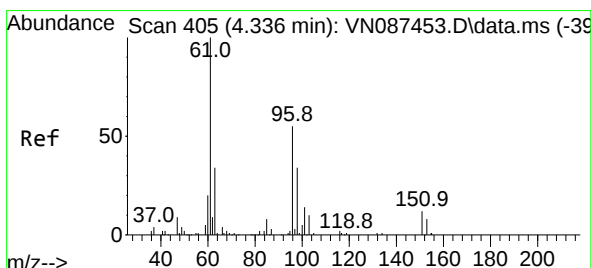
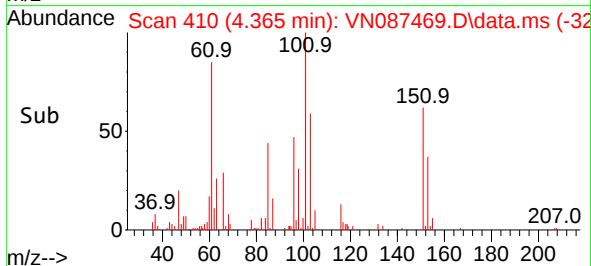
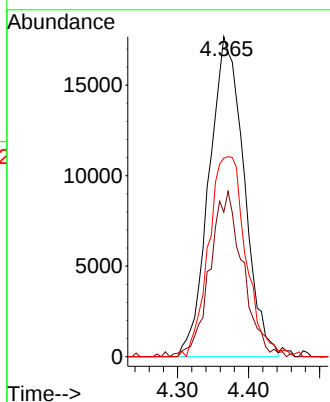
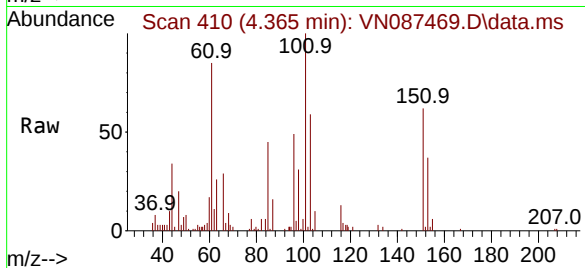
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1,1,2-Trichlorotrifluoroethane
Concen: 18.251 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tgt Ion:101 Resp: 60300
Ion Ratio Lower Upper
101 100
85 48.3 0.0 57.0
151 65.9 0.0 134.2

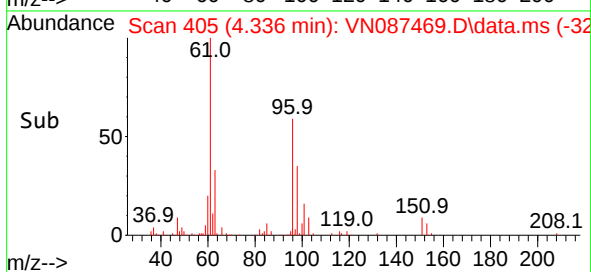
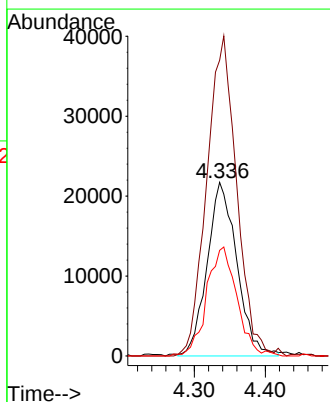
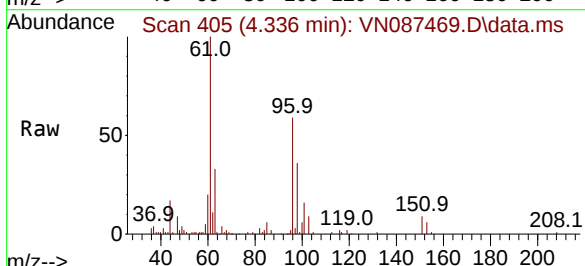
Manual Integrations
APPROVED

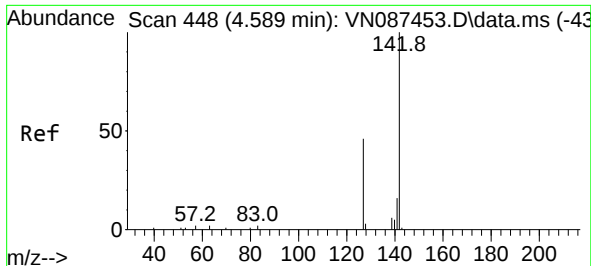
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#10
1,1-Dichloroethene
Concen: 18.184 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

Tgt Ion: 96 Resp: 63105
Ion Ratio Lower Upper
96 100
61 171.1 144.2 216.4
98 60.7 49.7 74.5





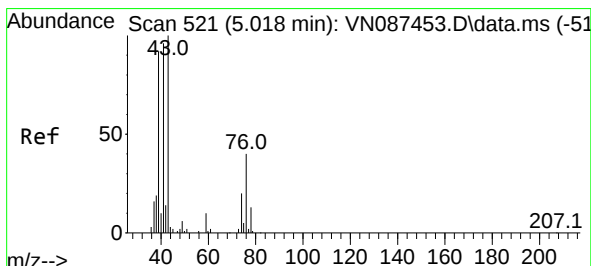
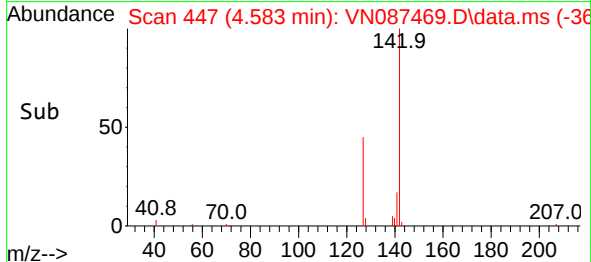
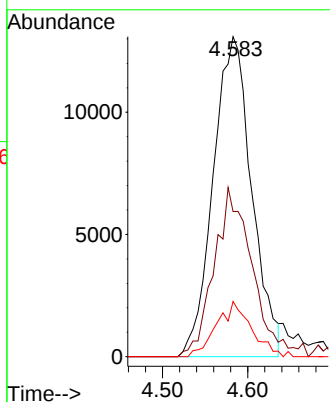
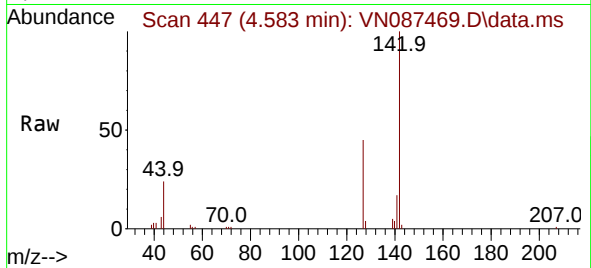
#11
Methyl Iodide
Concen: 15.041 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tgt Ion:142 Resp: 41100
Ion Ratio Lower Upper
142 100
127 45.4 22.9 68.7
141 17.3 7.7 23.1

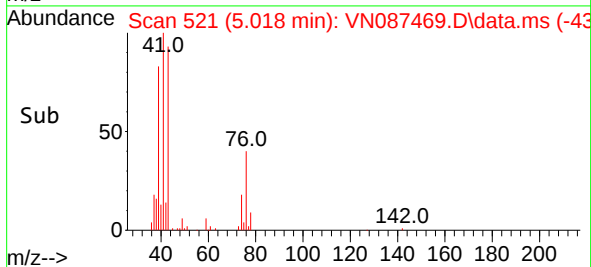
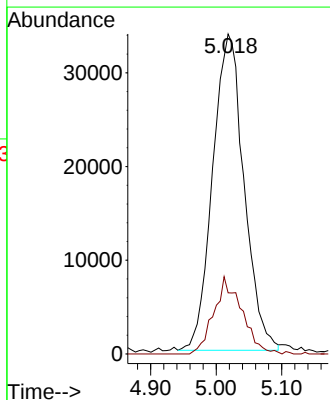
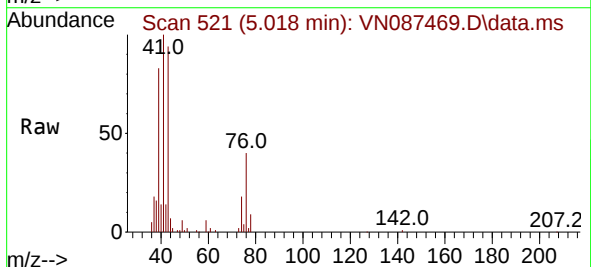
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#12
Methyl Acetate
Concen: 17.520 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

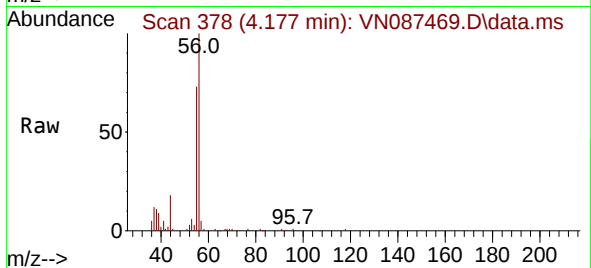
Tgt Ion: 43 Resp: 112204
Ion Ratio Lower Upper
43 100
74 19.2 16.0 24.0





#13
Acrolein
Concen: 104.675 ug/l
RT: 4.177 min Scan# 377
Delta R.T. 0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

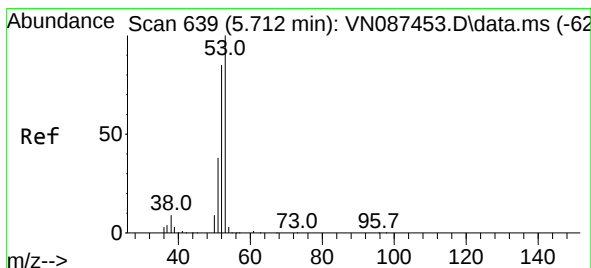
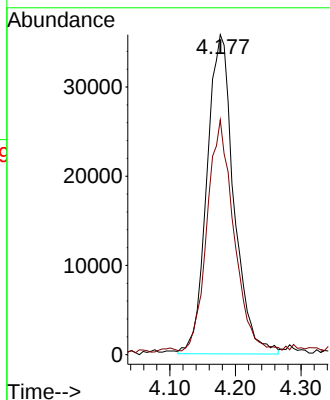
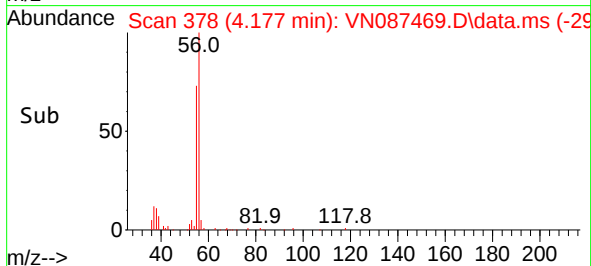
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



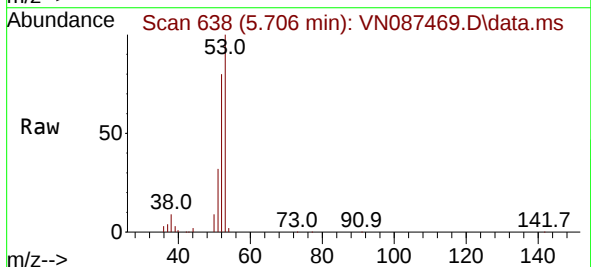
Tgt Ion: 56 Resp: 102380
Ion Ratio Lower Upper
56 100
55 71.9 57.4 86.0

Manual Integrations
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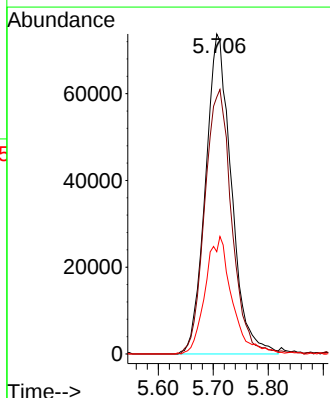
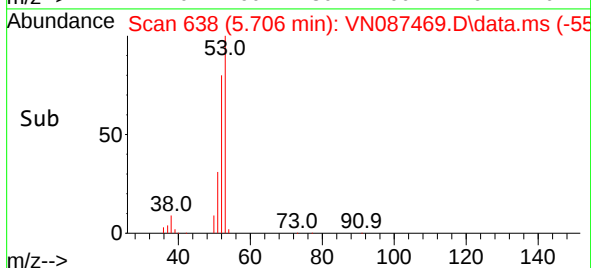
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#14
Acrylonitrile
Concen: 86.499 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



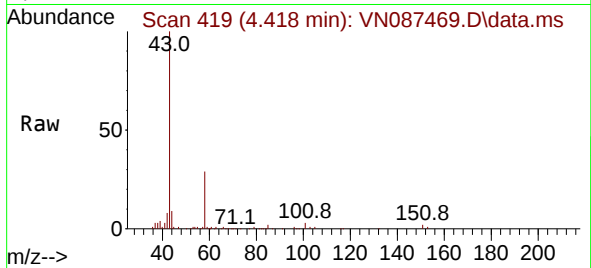
Tgt Ion: 53 Resp: 241894
Ion Ratio Lower Upper
53 100
52 85.7 42.4 127.2
51 17.9 18.5 55.5#





#15
Acetone
Concen: 97.037 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

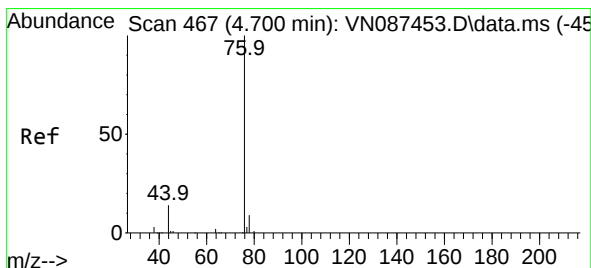
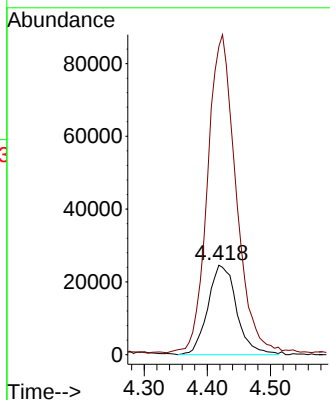
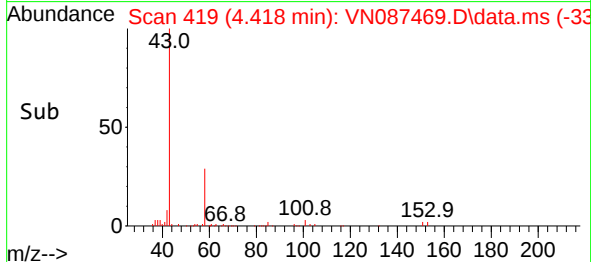
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



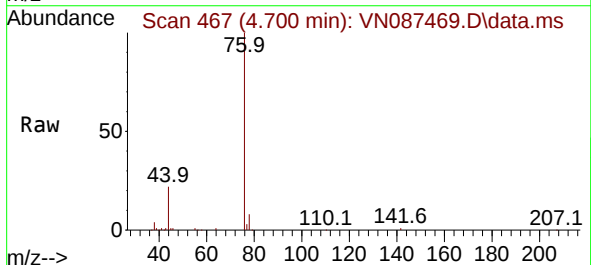
Tgt Ion: 58 Resp: 7753
Ion Ratio Lower Upper
58 100
43 338.5 268.9 403.3

Manual Integrations
APPROVED

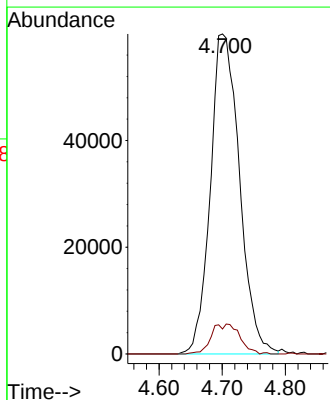
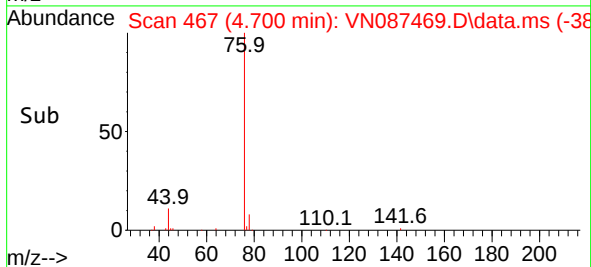
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

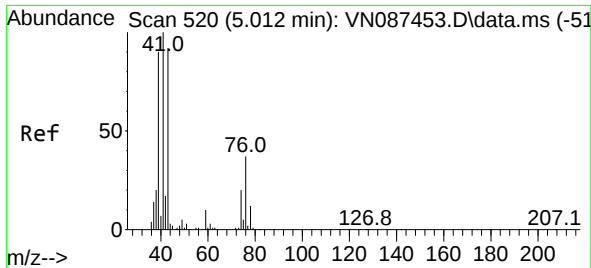


#16
Carbon Disulfide
Concen: 17.862 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



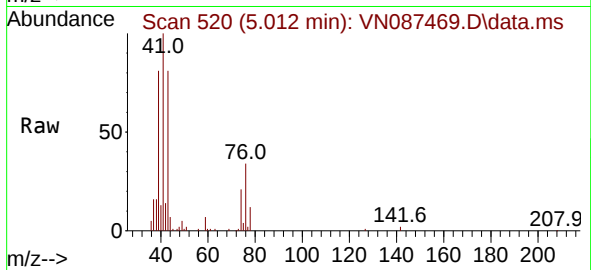
Tgt Ion: 76 Resp: 192280
Ion Ratio Lower Upper
76 100
78 7.8 7.1 10.7





#17
Allyl chloride
Concen: 18.049 ug/l
RT: 5.012 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

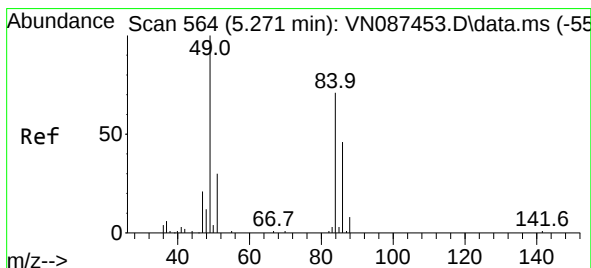
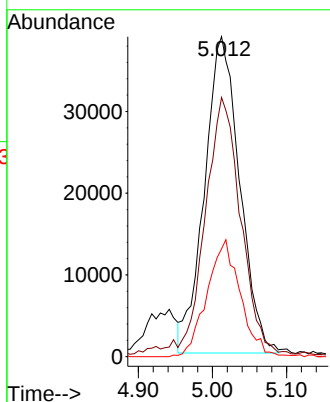
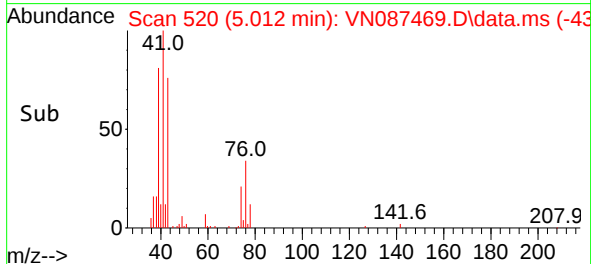
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 41 Resp: 12766
Ion Ratio Lower Upper
41 100
39 81.4 42.4 127.2
76 34.0 16.9 50.6

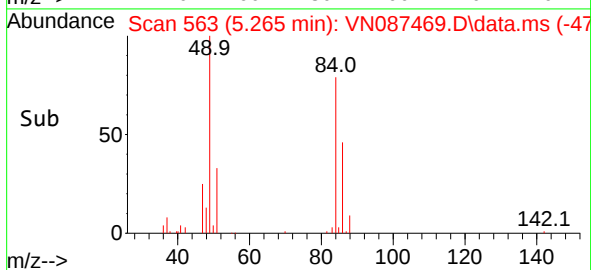
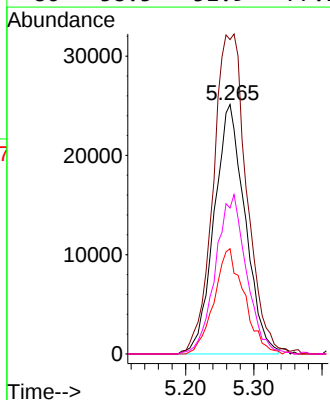
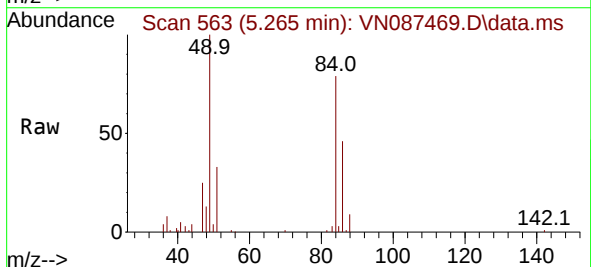
Manual Integrations
APPROVED

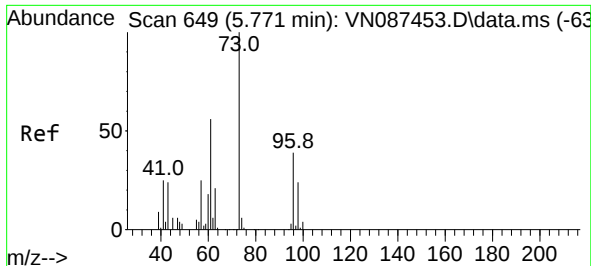
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#18
Methylene Chloride
Concen: 17.744 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

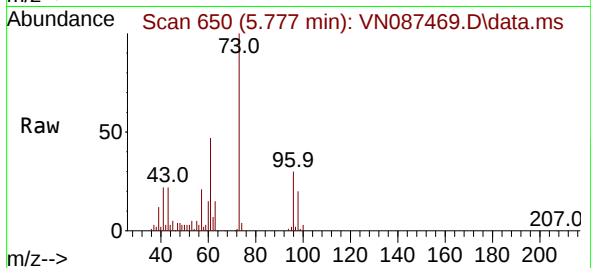
Tgt Ion: 84 Resp: 79276
Ion Ratio Lower Upper
84 100
49 126.1 112.9 169.3
51 42.2 33.8 50.8
86 58.5 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 17.258 ug/l
RT: 5.777 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

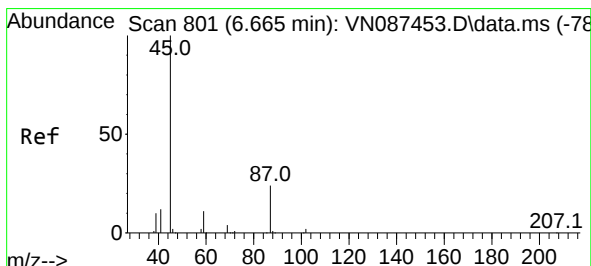
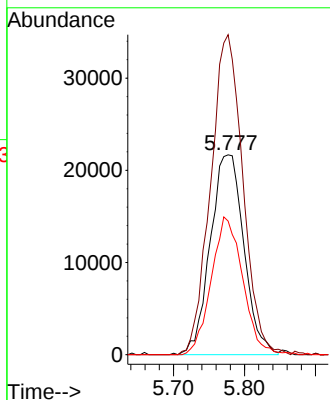
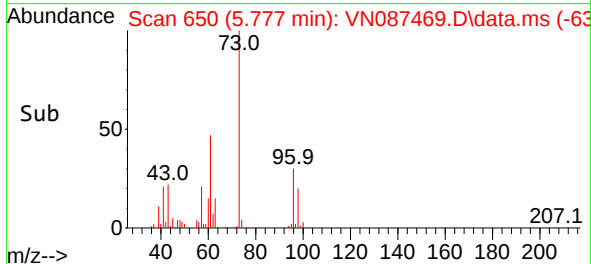
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



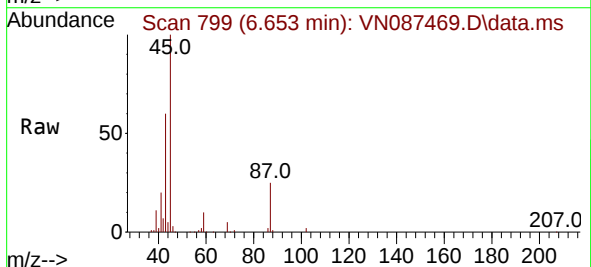
Tgt Ion: 96 Resp: 7122
Ion Ratio Lower Upper
96 100
61 160.2 114.2 171.4
98 66.9 48.7 73.1

Manual Integrations
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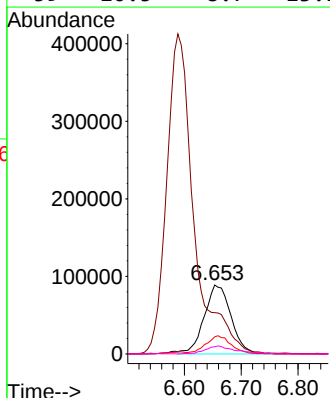
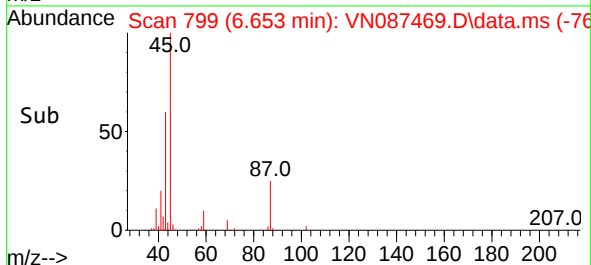
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#20
Diisopropyl ether
Concen: 18.076 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.012 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



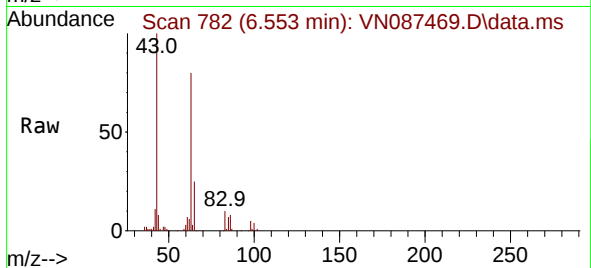
Tgt Ion: 45 Resp: 291281
Ion Ratio Lower Upper
45 100
43 59.1 44.7 67.1
87 24.9 20.2 30.2
59 10.5 8.7 13.1





#21
1,1-Dichloroethane
Concen: 17.983 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

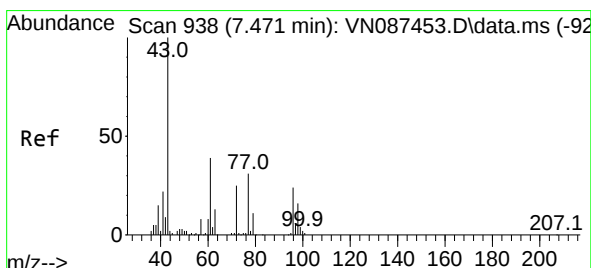
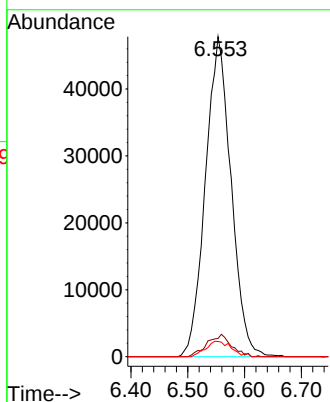
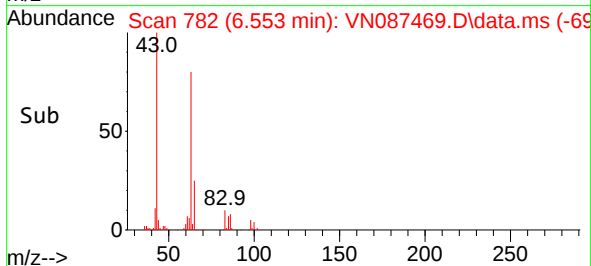
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 63 Resp: 149792
Ion Ratio Lower Upper
63 100
98 5.7 3.0 9.0
100 4.7 1.9 5.7

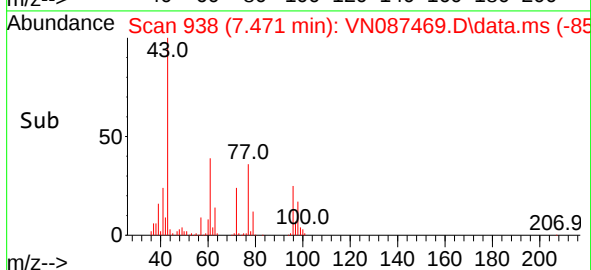
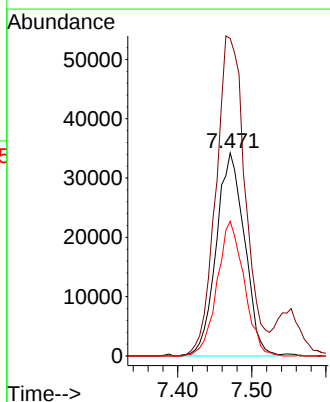
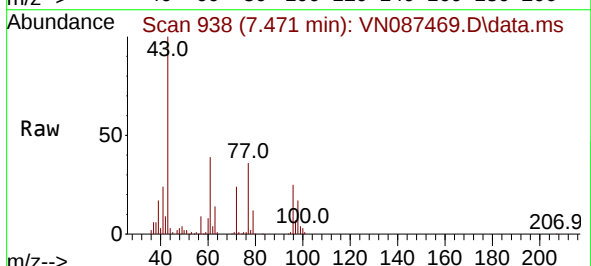
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#22
cis-1,2-Dichloroethene
Concen: 17.912 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

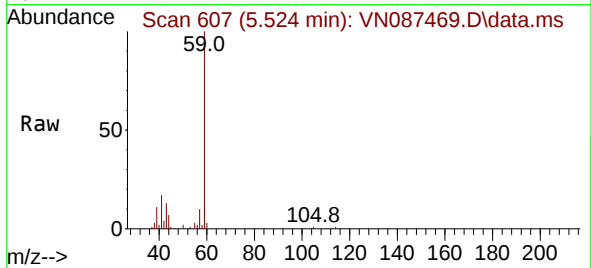
Tgt Ion: 96 Resp: 90956
Ion Ratio Lower Upper
96 100
61 162.9 126.6 190.0
98 63.3 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 82.443 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

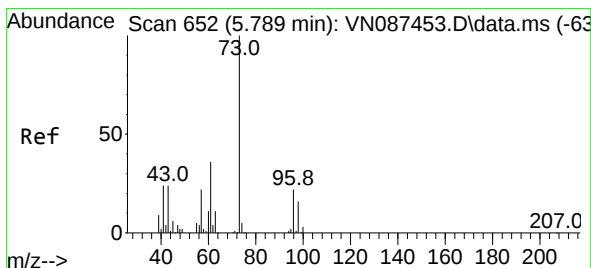
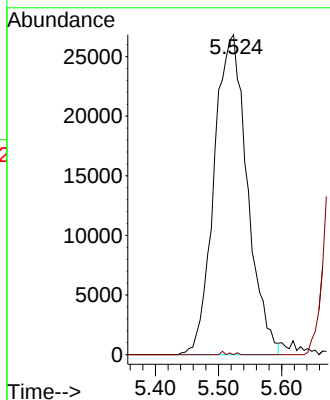
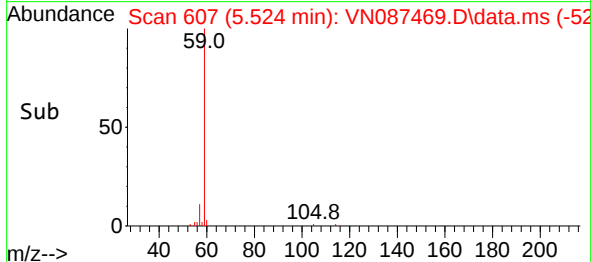
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 59 Resp: 9796
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

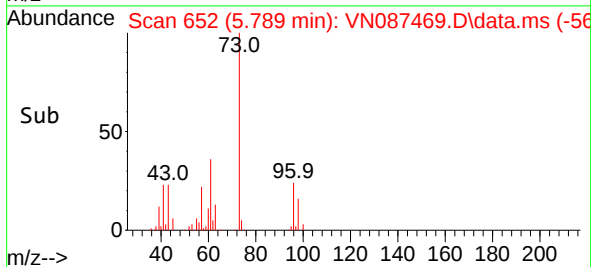
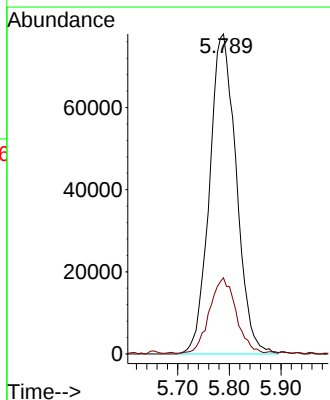
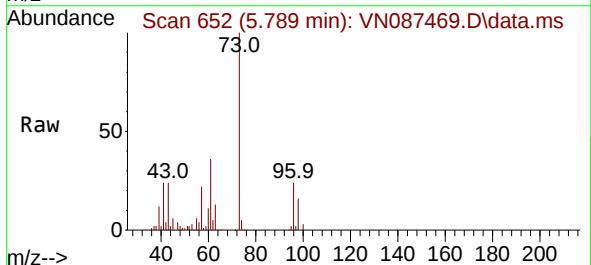
Manual Integrations
APPROVED

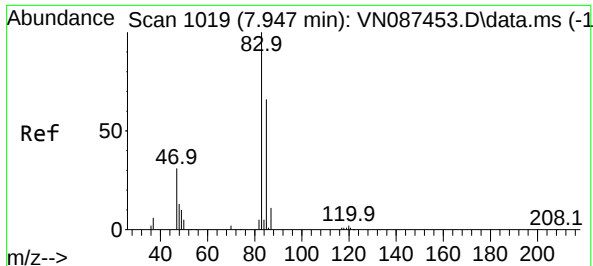
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#24
Methyl tert-Butyl Ether
Concen: 17.745 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

Tgt Ion: 73 Resp: 280616
Ion Ratio Lower Upper
73 100
43 23.6 19.9 29.9





#25

Chloroform

Concen: 17.960 ug/l

RT: 7.953 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tgt Ion: 83 Resp: 15615

Ion Ratio Lower Upper

83 100

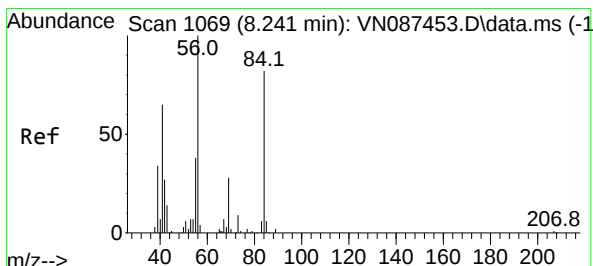
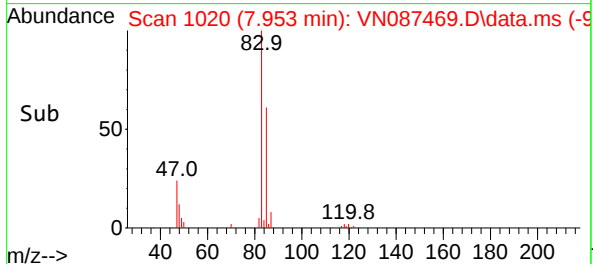
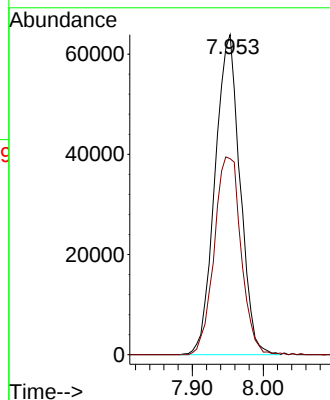
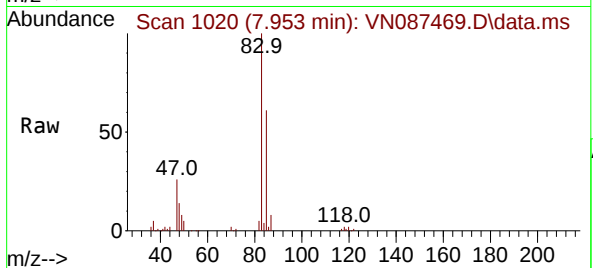
85 61.3 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#26

Cyclohexane

Concen: 17.878 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

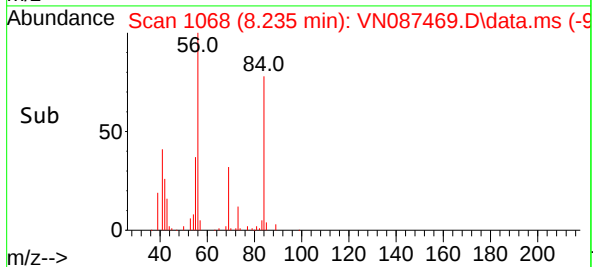
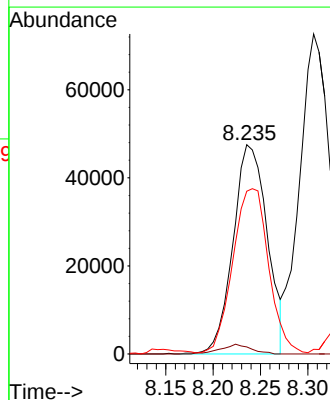
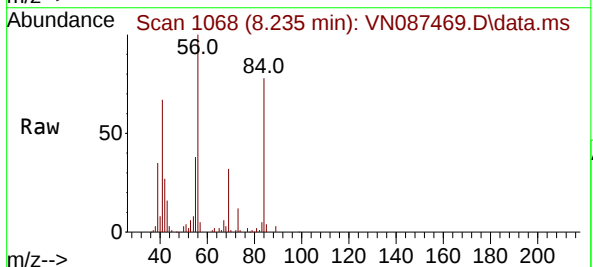
Tgt Ion: 56 Resp: 119227

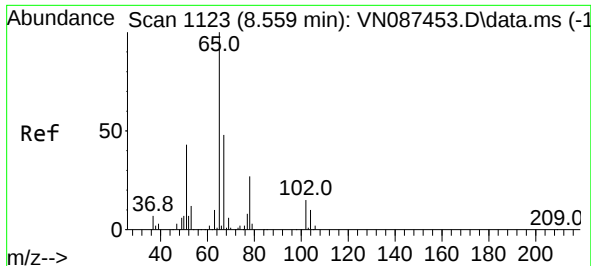
Ion Ratio Lower Upper

56 100

89 4.1 2.3 3.5#

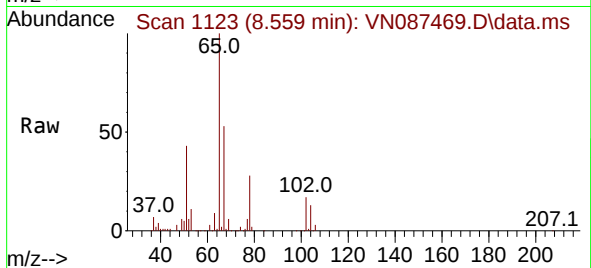
84 83.1 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 30.724 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

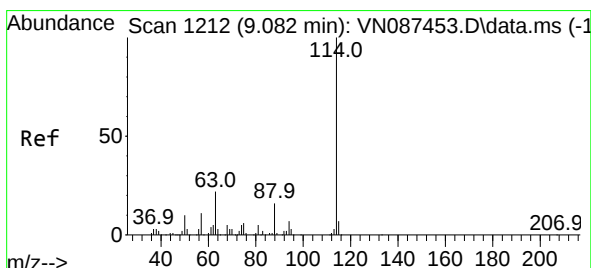
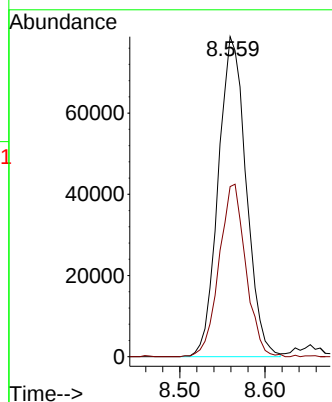
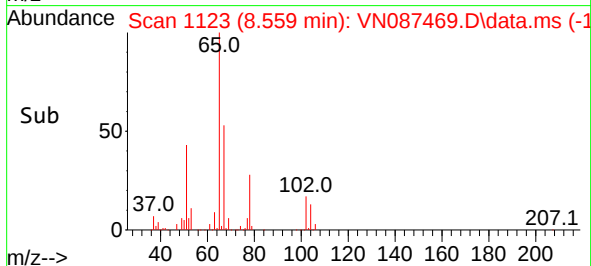
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 65 Resp: 179562
Ion Ratio Lower Upper
65 100
67 51.3 40.8 61.2

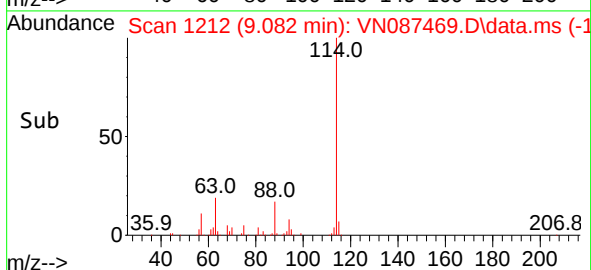
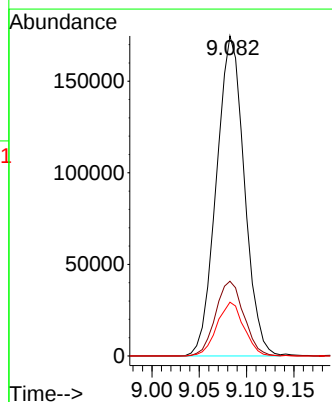
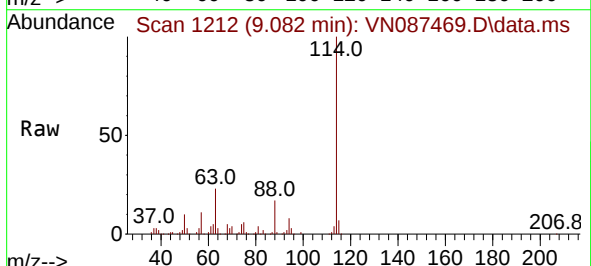
Manual Integrations
APPROVED

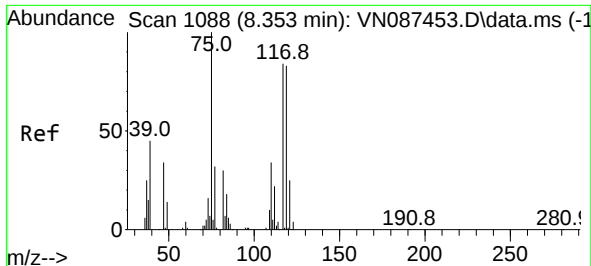
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

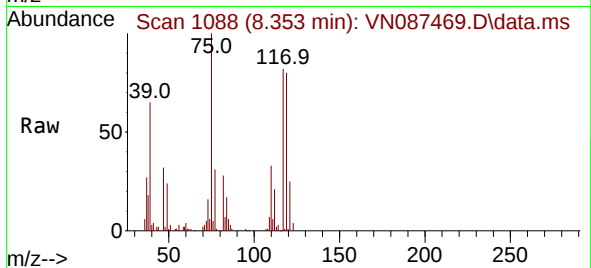
Tgt Ion:114 Resp: 358328
Ion Ratio Lower Upper
114 100
63 23.7 18.9 28.3
88 16.2 13.1 19.7





#29
1,1-Dichloropropene
Concen: 17.855 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

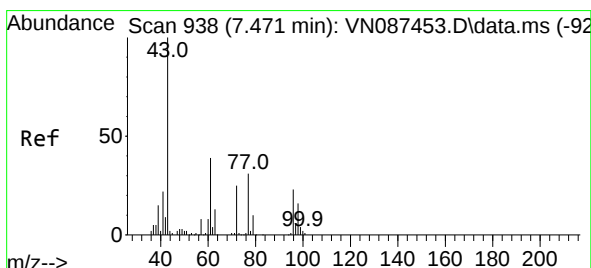
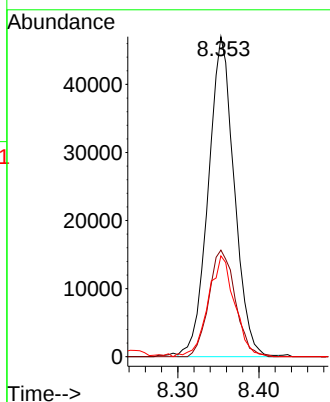
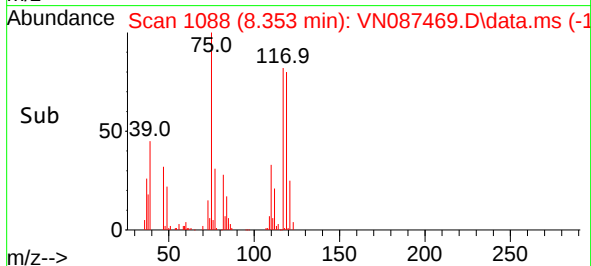
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 75 Resp: 104354
Ion Ratio Lower Upper
75 100
110 33.9 0.0 65.8
77 32.2 0.0 63.6

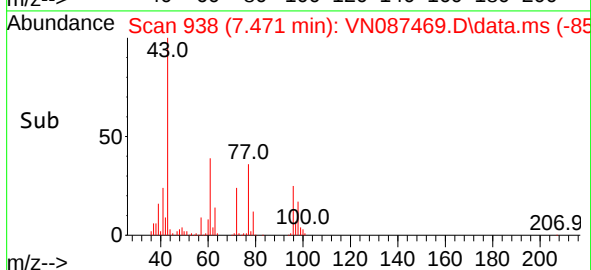
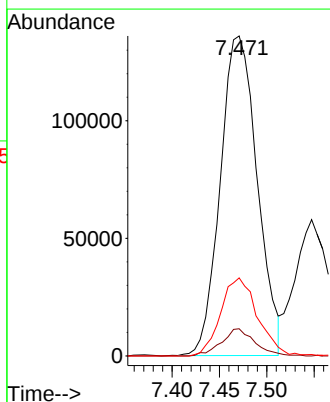
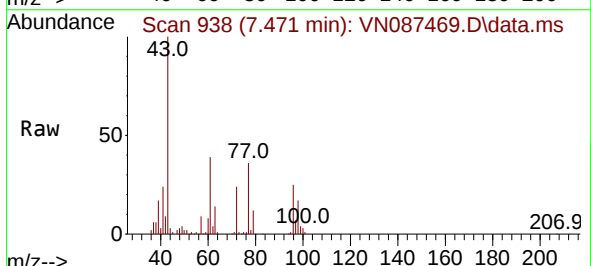
Manual Integrations
APPROVED

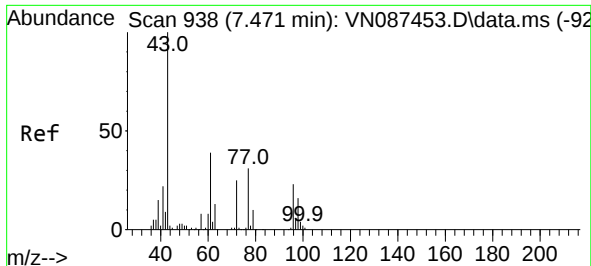
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#30
2-Butanone
Concen: 85.719 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

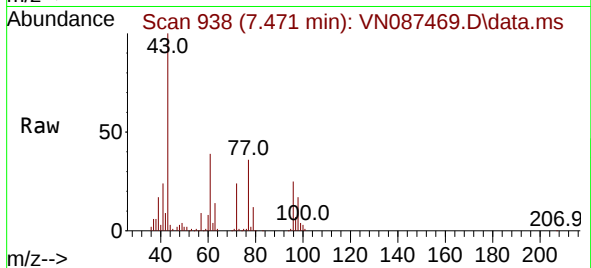
Tgt Ion: 43 Resp: 369273
Ion Ratio Lower Upper
43 100
57 7.7 6.6 9.8
72 24.2 19.7 29.5





#31
2,2-Dichloropropane
Concen: 17.936 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

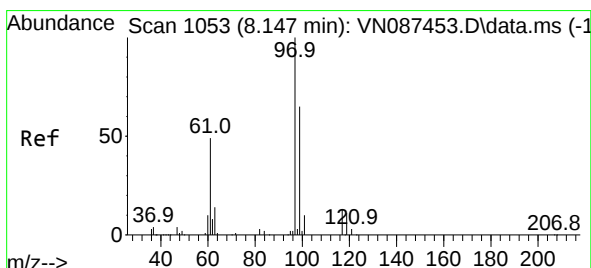
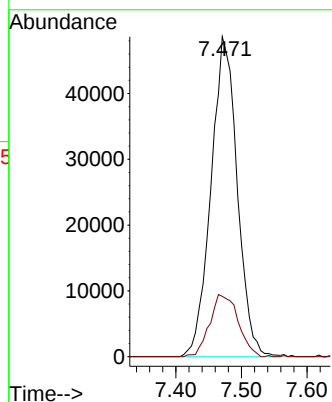
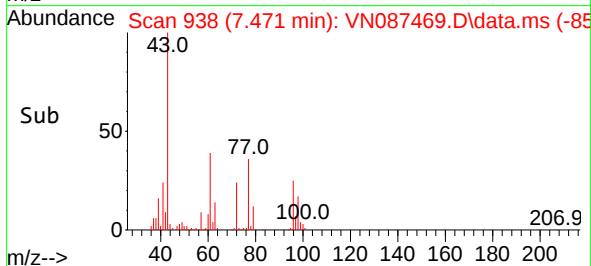
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 77 Resp: 135200
Ion Ratio Lower Upper
77 100
97 20.9 16.7 25.1

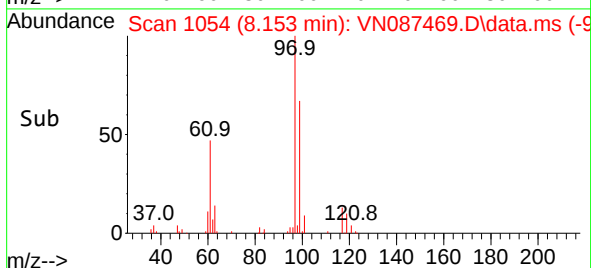
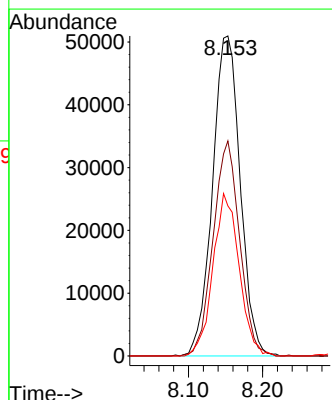
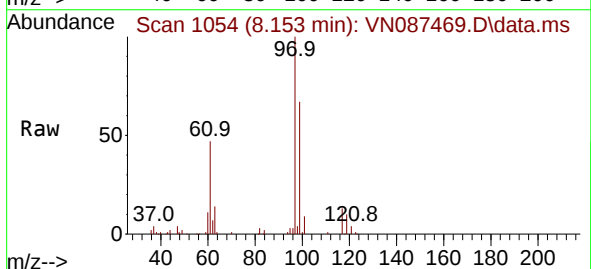
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#32
1,1,1-Trichloroethane
Concen: 17.771 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

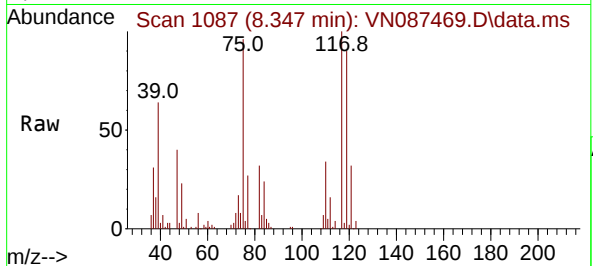
Tgt Ion: 97 Resp: 132466
Ion Ratio Lower Upper
97 100
99 64.3 53.0 79.6
61 47.7 40.6 61.0





#33
Carbon Tetrachloride
Concen: 17.833 ug/l m
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

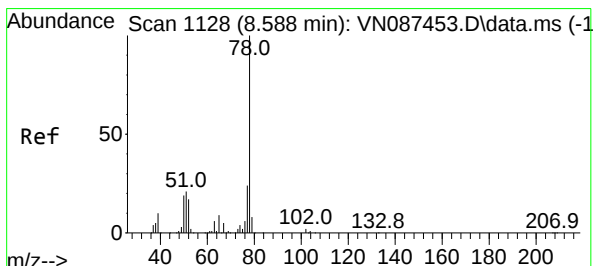
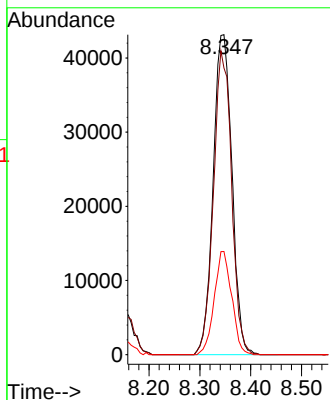
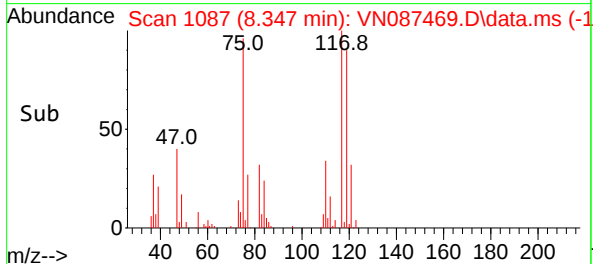
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion:117 Resp: 110420
Ion Ratio Lower Upper
117 100
119 89.6 73.4 110.0
121 32.2 21.1 31.7

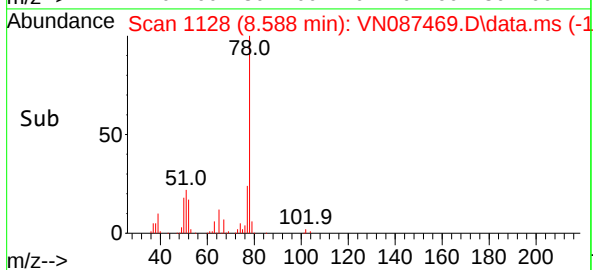
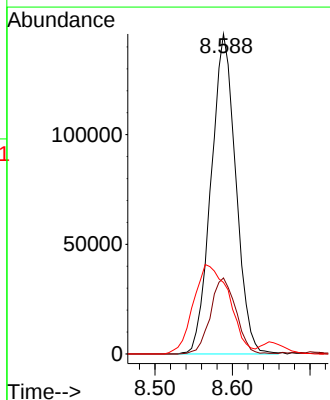
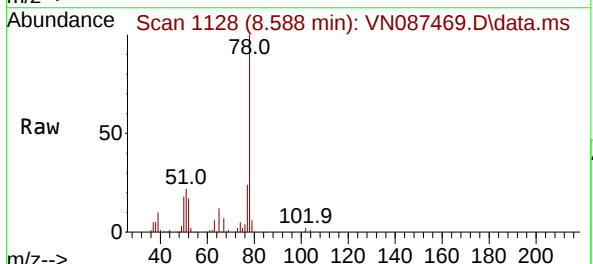
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#34
Benzene
Concen: 17.502 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

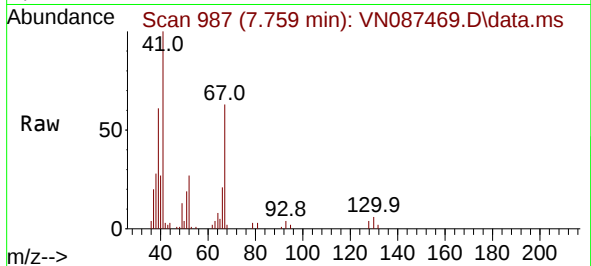
Tgt Ion: 78 Resp: 322889
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8
51 20.3 16.9 25.3





#35
Methacrylonitrile
Concen: 16.037 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

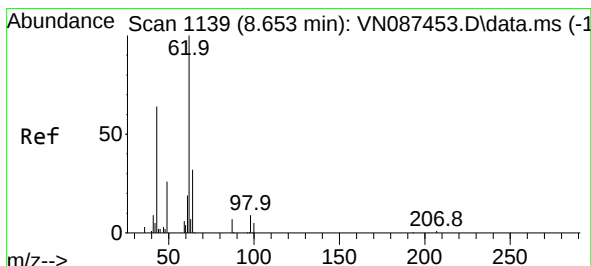
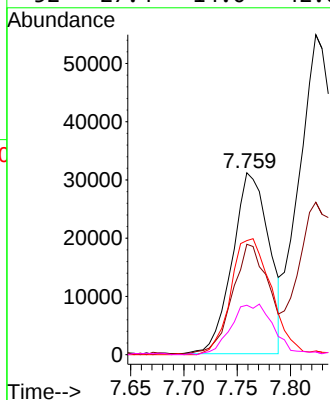
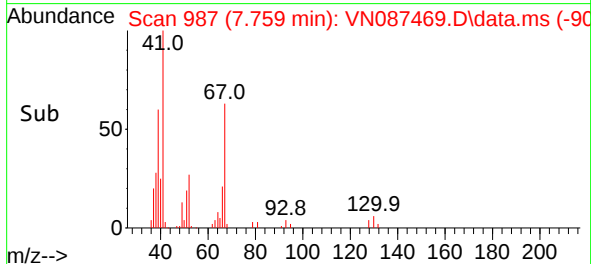
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 41 Resp: 7455
Ion Ratio Lower Upper
41 100
39 60.5 30.1 90.5
67 62.5 32.0 96.2
52 27.4 14.0 42.0

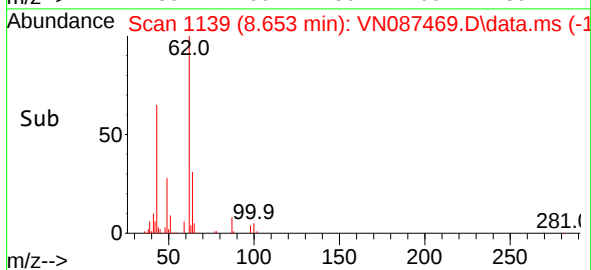
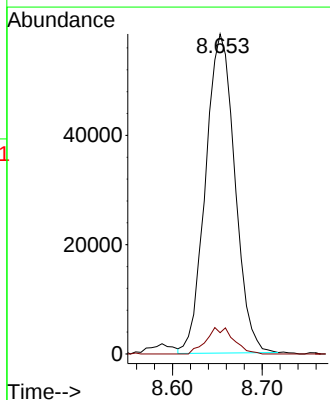
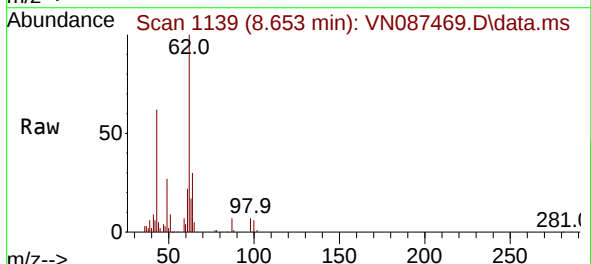
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#36
1,2-Dichloroethane
Concen: 17.762 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

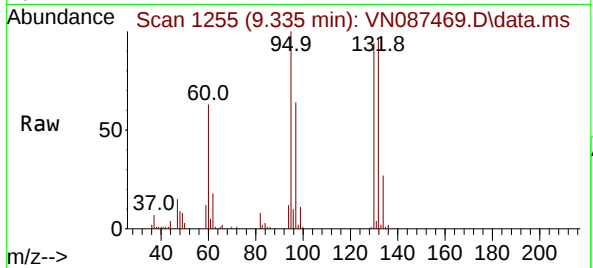
Tgt Ion: 62 Resp: 132443
Ion Ratio Lower Upper
62 100
98 7.8 6.6 9.8





#37
Trichloroethene
Concen: 17.345 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

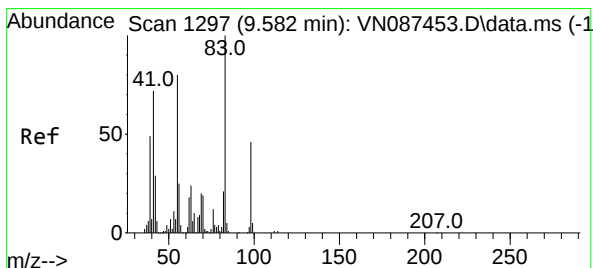
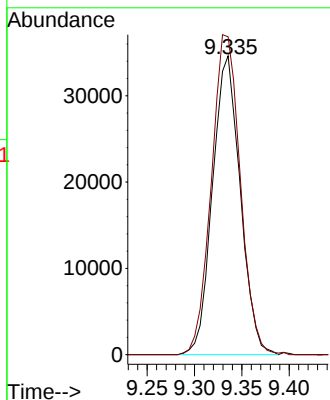
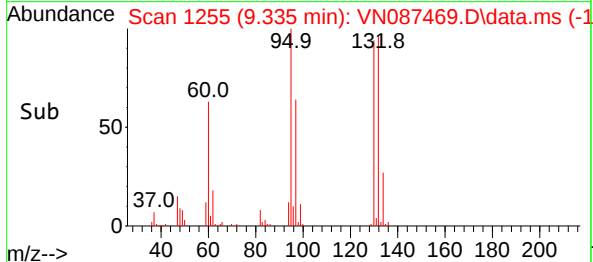
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion:130 Resp: 70488
Ion Ratio Lower Upper
130 100
95 106.4 91.4 137.2

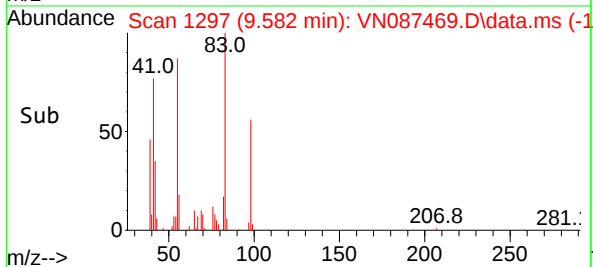
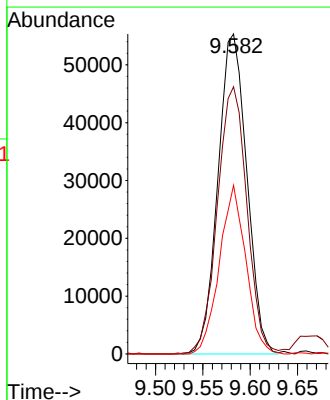
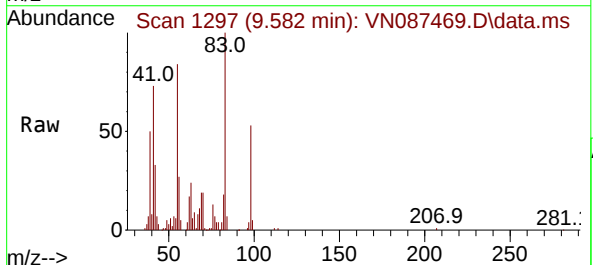
Manual Integrations
APPROVED

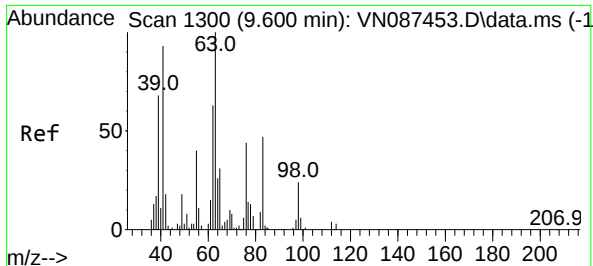
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#38
Methylcyclohexane
Concen: 17.288 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

Tgt Ion: 83 Resp: 117215
Ion Ratio Lower Upper
83 100
55 85.7 41.2 123.6
98 48.3 23.3 69.9





#39

1,2-Dichloropropane

Concen: 17.505 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tgt Ion: 63 Resp: 82800

Ion Ratio Lower Upper

63 100

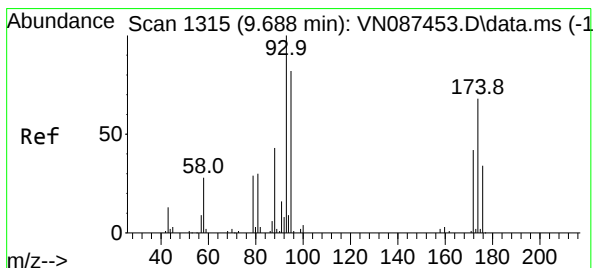
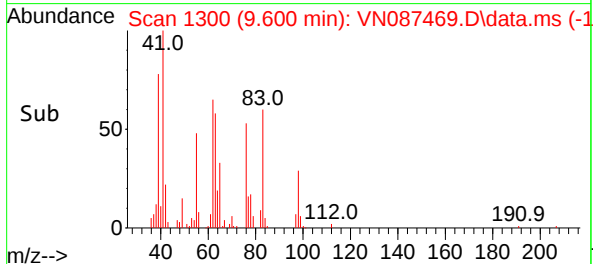
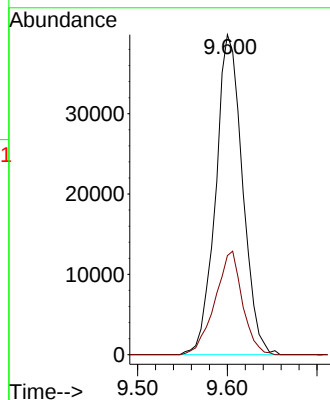
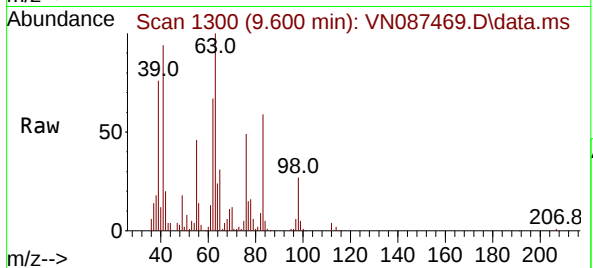
65 30.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#40

Dibromomethane

Concen: 17.416 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

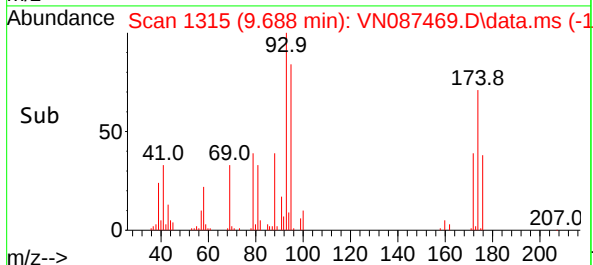
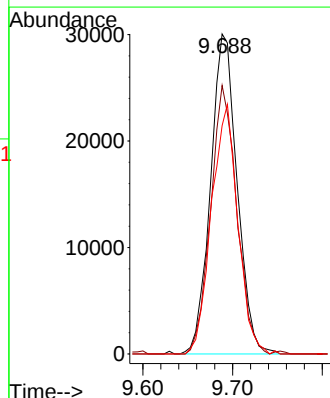
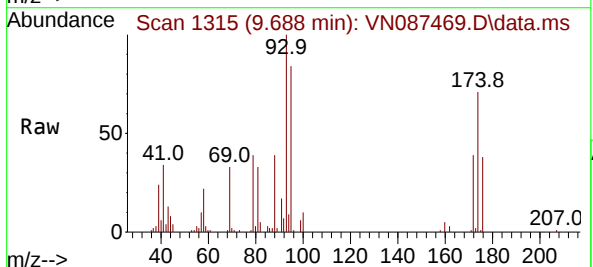
Tgt Ion: 93 Resp: 61810

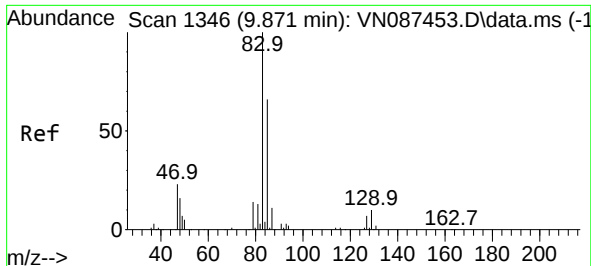
Ion Ratio Lower Upper

93 100

95 82.4 0.0 161.6

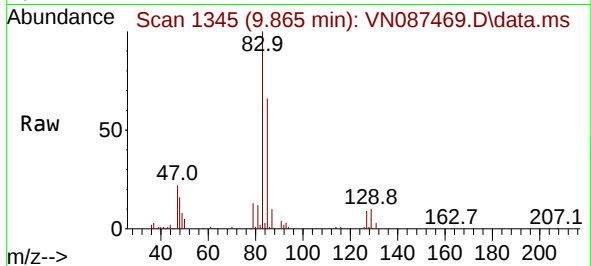
174 77.4 0.0 151.4





#41
Bromodichloromethane
Concen: 16.946 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

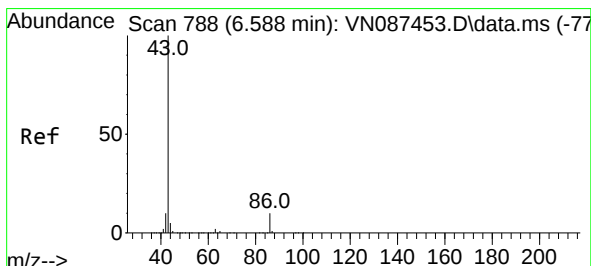
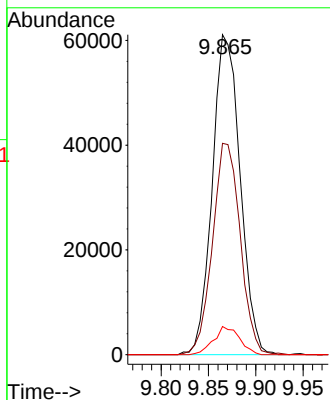
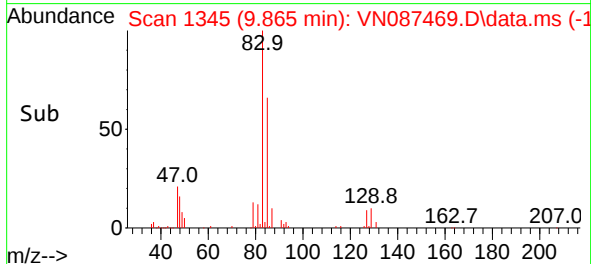
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 83 Resp: 124972
Ion Ratio Lower Upper
83 100
85 66.0 52.9 79.3
127 8.8 5.8 8.6

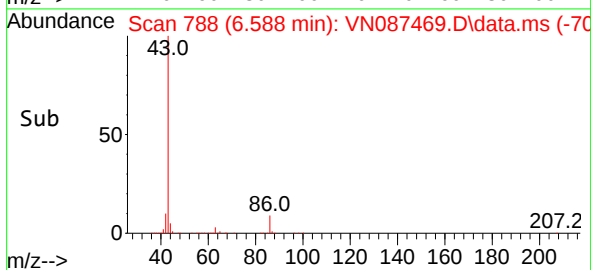
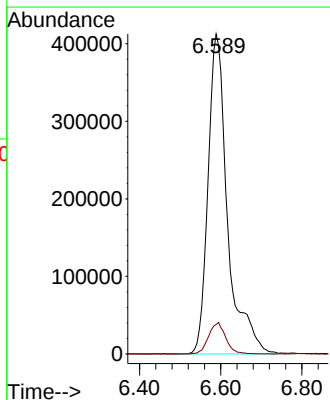
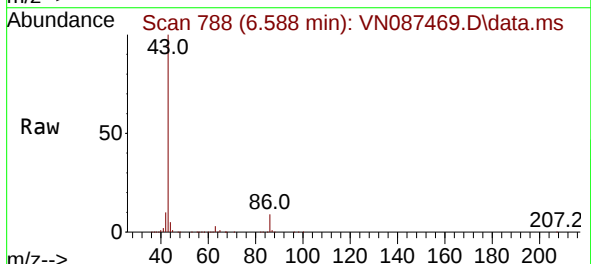
Manual Integrations
APPROVED

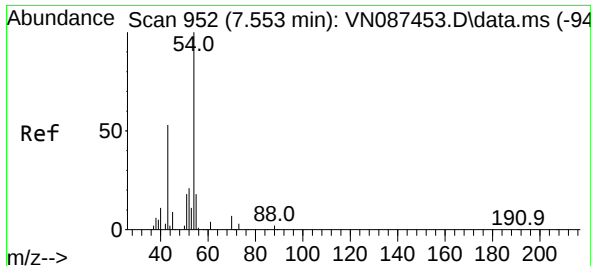
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#42
Vinyl Acetate
Concen: 96.860 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

Tgt Ion: 43 Resp: 1374145
Ion Ratio Lower Upper
43 100
86 8.6 7.3 10.9





#43

Ethyl Acetate

Concen: 18.290 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tgt Ion: 43 Resp: 15221

Ion Ratio Lower Upper

43 100

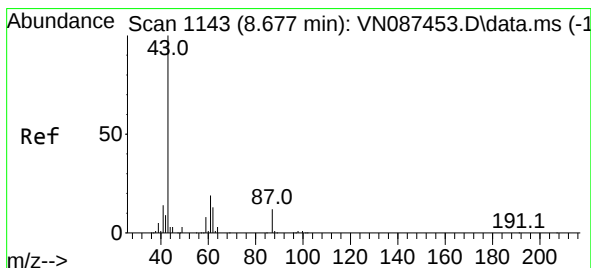
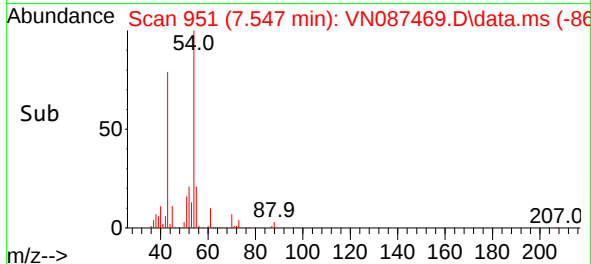
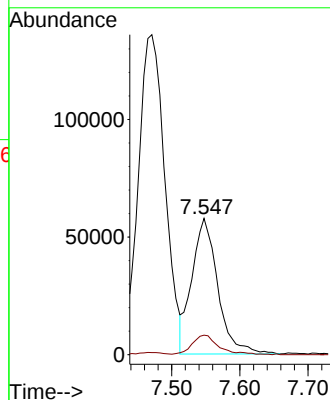
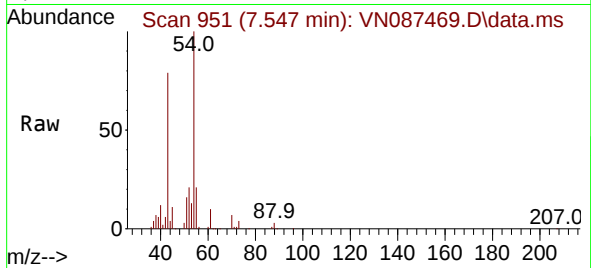
45 13.8 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#44

Isopropyl Acetate

Concen: 17.332 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VN087469.D

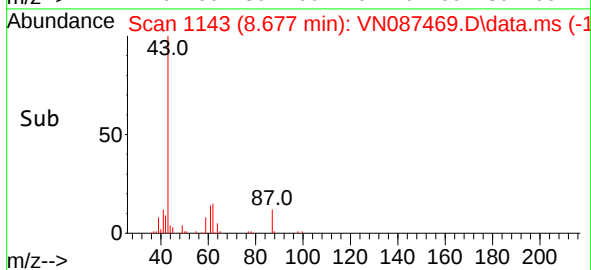
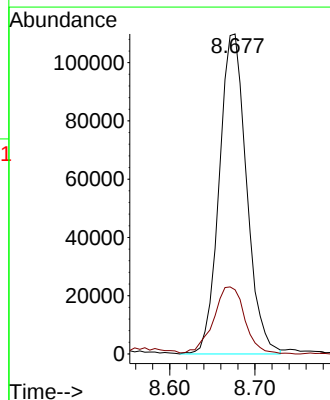
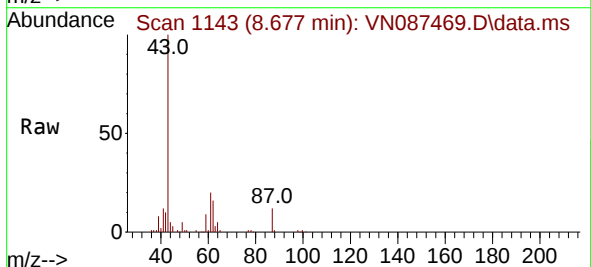
Acq: 06 Aug 2025 10:02

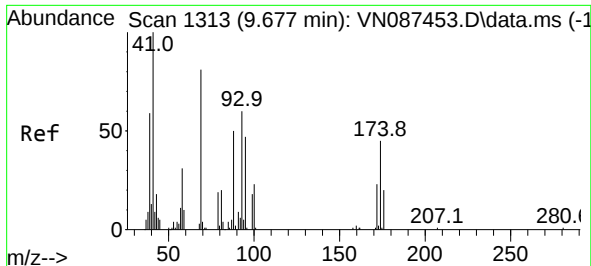
Tgt Ion: 43 Resp: 244512

Ion Ratio Lower Upper

43 100

61 23.6 18.6 28.0





#45

1,4-Dioxane

Concen: 323.056 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tgt Ion: 88 Resp: 29054

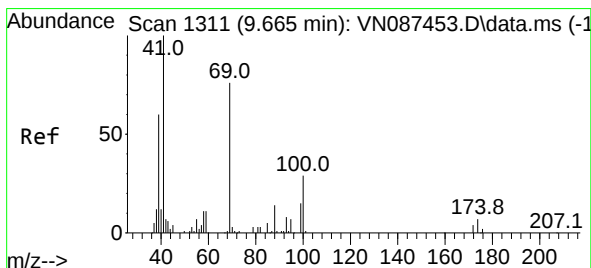
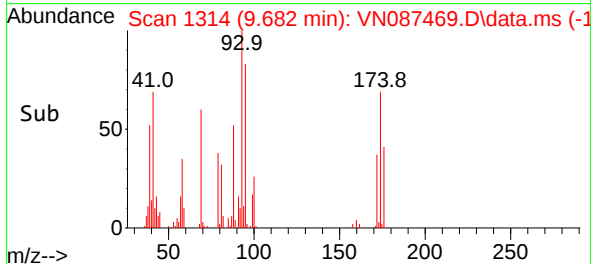
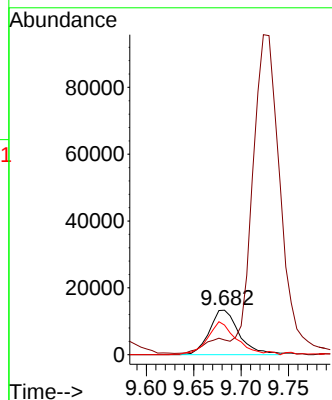
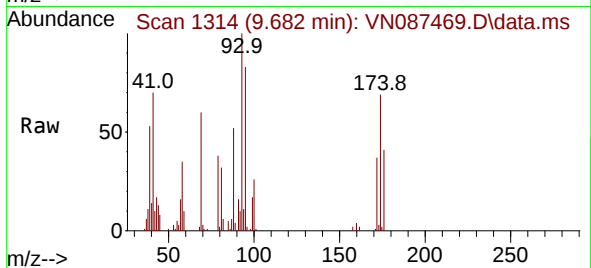
Ion	Ratio	Lower	Upper
88	100		
43	29.1	24.1	36.1
58	69.8	57.2	85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#46

Methyl methacrylate

Concen: 16.707 ug/l

RT: 9.665 min Scan# 1311

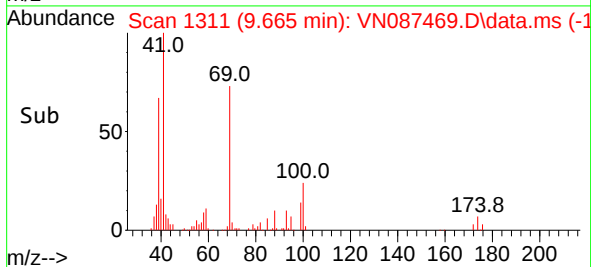
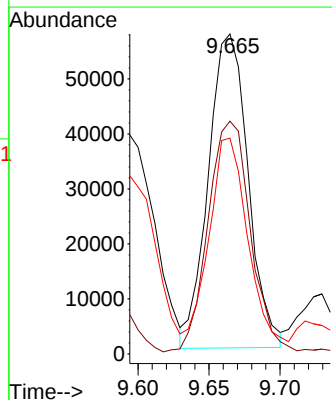
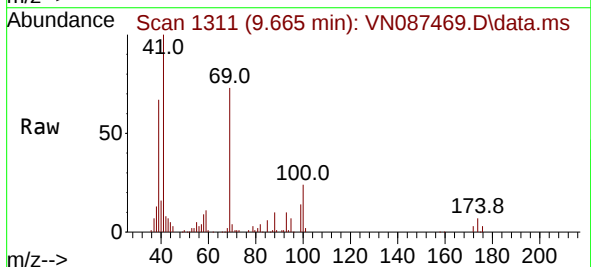
Delta R.T. 0.000 min

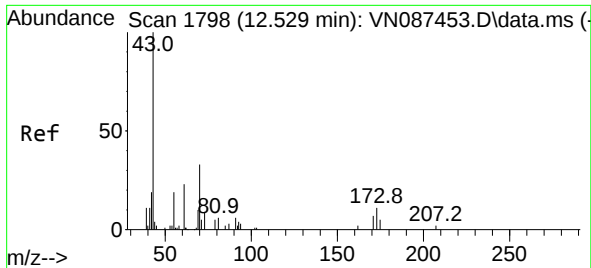
Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

Tgt Ion: 41 Resp: 111253

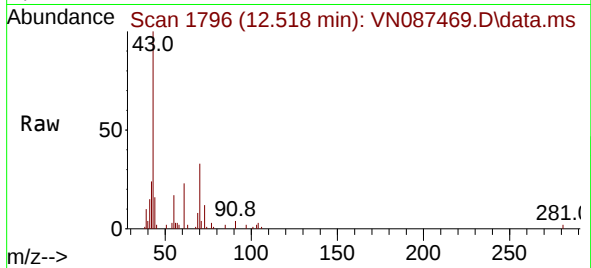
Ion	Ratio	Lower	Upper
41	100		
69	76.3	37.1	111.5
39	66.6	30.7	92.1





#47
n-amy1 Acetate
Concen: 17.903 ug/l m
RT: 12.518 min Scan# 1796
Delta R.T. -0.012 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

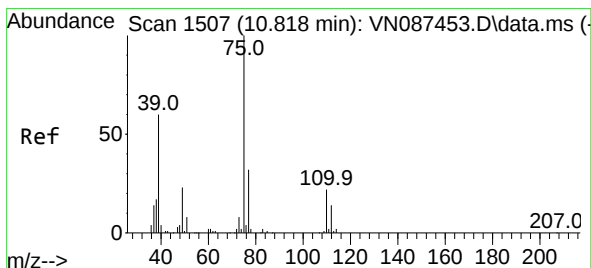
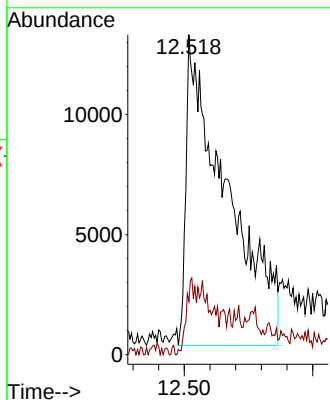
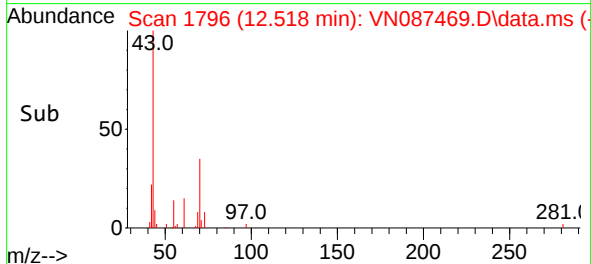
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 43 Resp: 139520
Ion Ratio Lower Upper
43 100
55 5.0 4.6 6.8

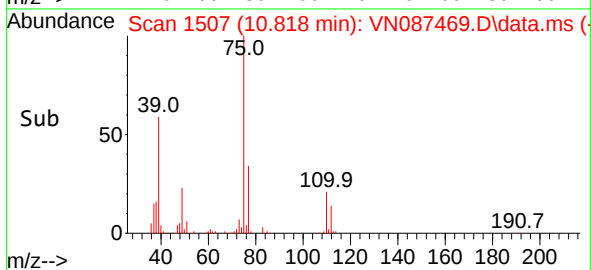
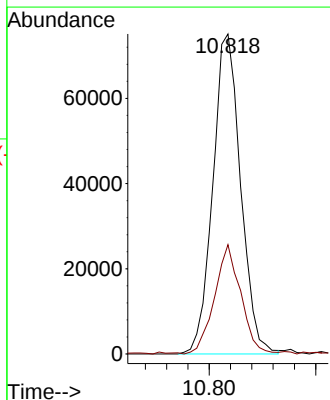
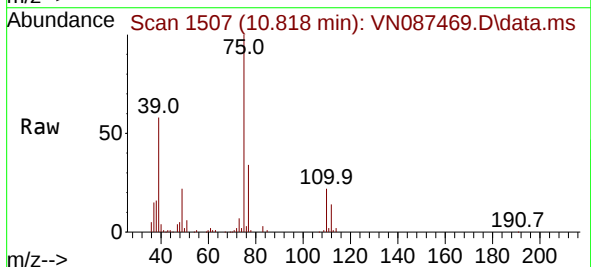
Manual Integrations
APPROVED

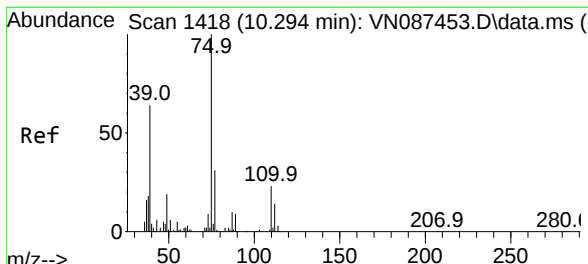
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#48
t-1,3-Dichloropropene
Concen: 16.941 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

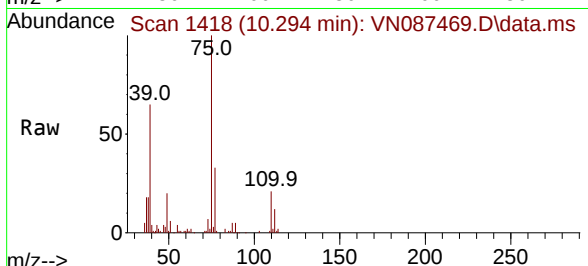
Tgt Ion: 75 Resp: 135922
Ion Ratio Lower Upper
75 100
77 33.8 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 17.461 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087469.D
 Acq: 06 Aug 2025 10:02

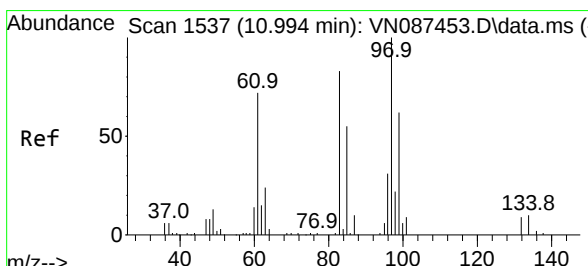
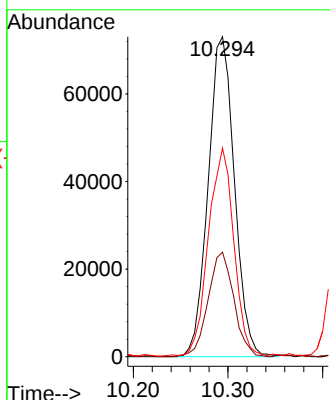
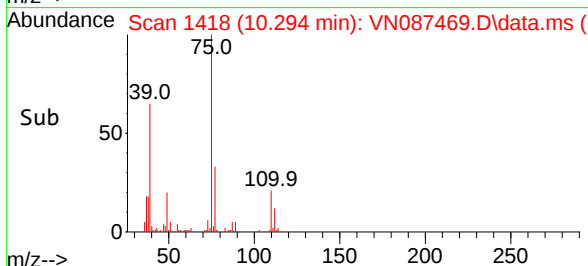
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01



Tgt Ion: 75 Resp: 140984
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 36.8
 39 64.8 51.5 77.3

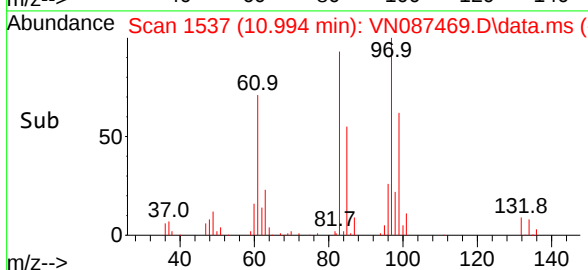
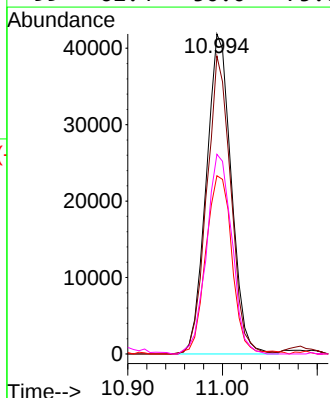
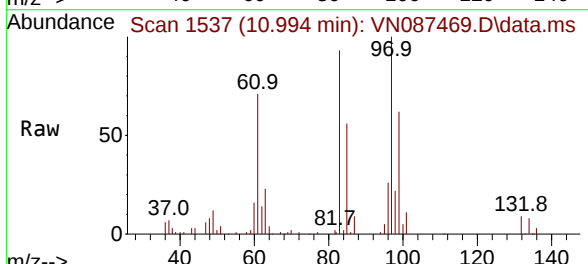
Manual Integrations
 APPROVED

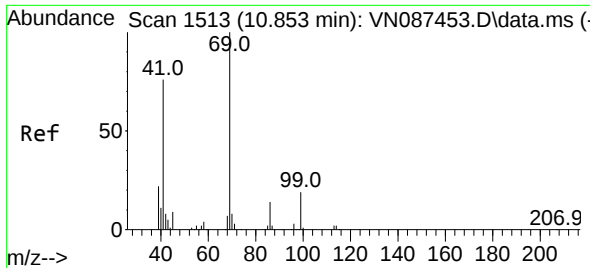
Reviewed By :John Carlone 08/07/2025
 Supervised By :Mahesh Dadoda 08/07/2025



#50
 1,1,2-Trichloroethane
 Concen: 17.147 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087469.D
 Acq: 06 Aug 2025 10:02

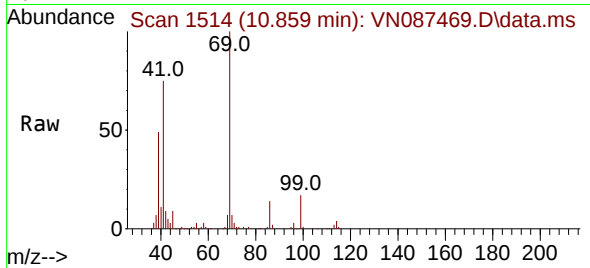
Tgt Ion: 97 Resp: 76886
 Ion Ratio Lower Upper
 97 100
 83 92.7 66.2 99.2
 85 55.7 43.9 65.9
 99 62.4 50.0 75.0





#51
Ethyl methacrylate
Concen: 17.468 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

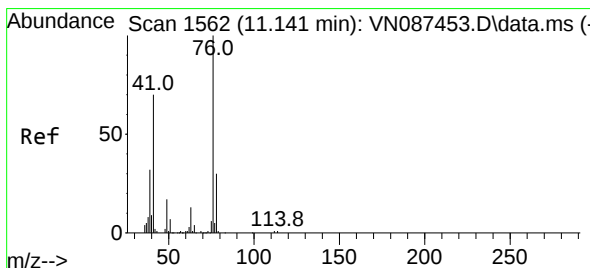
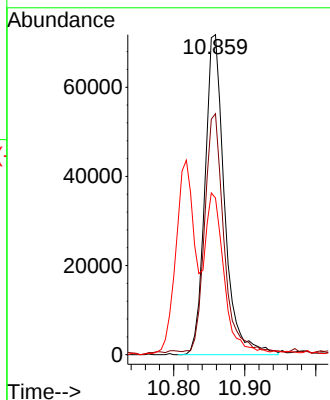
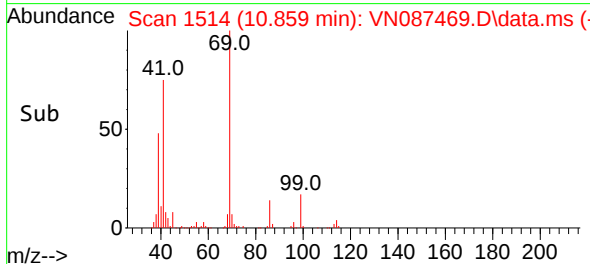
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 69 Resp: 137945
Ion Ratio Lower Upper
69 100
41 74.2 38.0 114.1
39 47.9 23.2 69.5

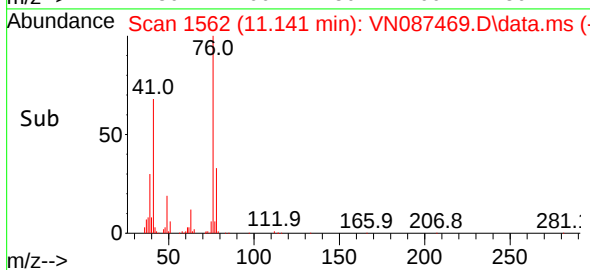
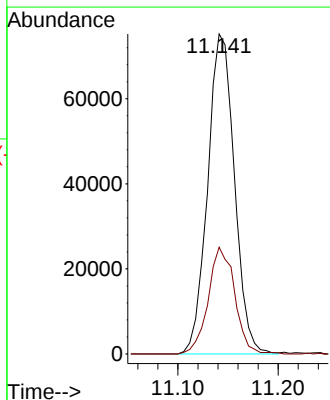
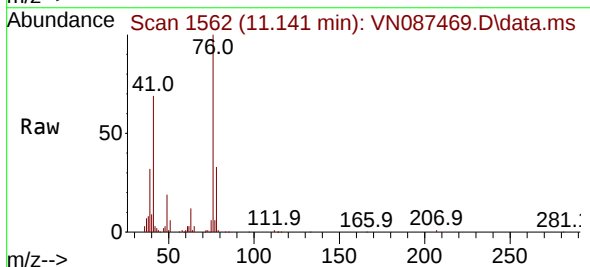
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#52
1,3-Dichloropropane
Concen: 17.279 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

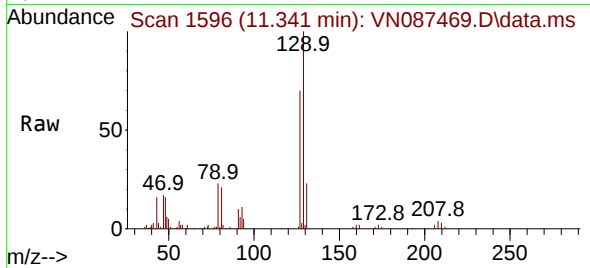
Tgt Ion: 76 Resp: 139589
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.0





#53
Dibromochloromethane
Concen: 16.859 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

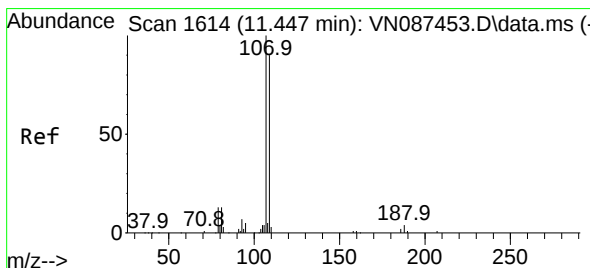
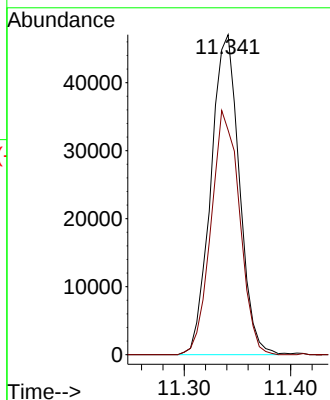
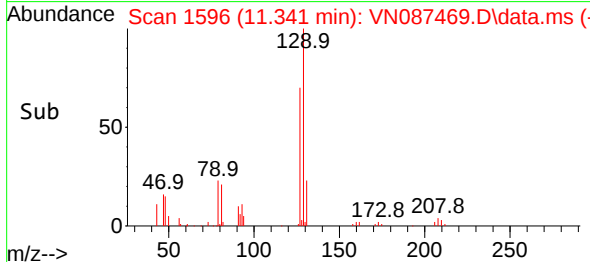
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



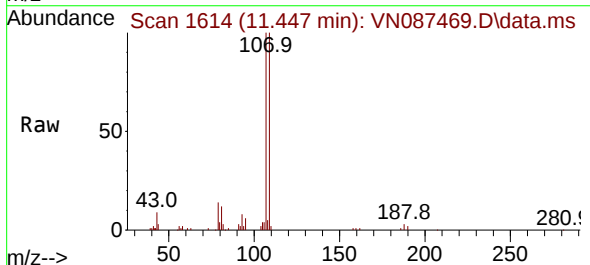
Tgt Ion:129 Resp: 87302
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.3

Manual Integrations
APPROVED

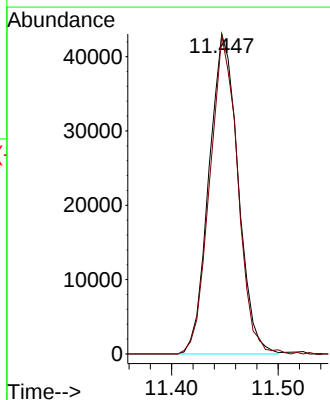
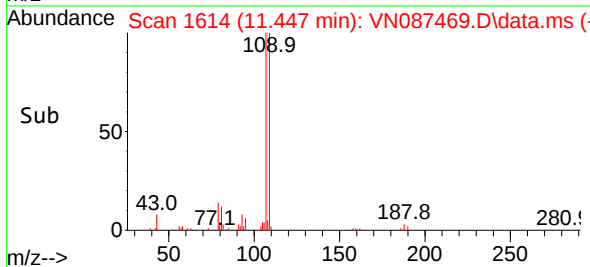
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

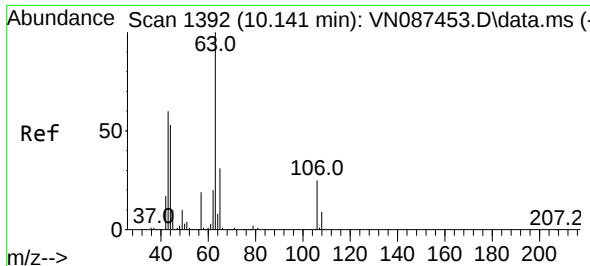


#54
1,2-Dibromoethane
Concen: 17.139 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



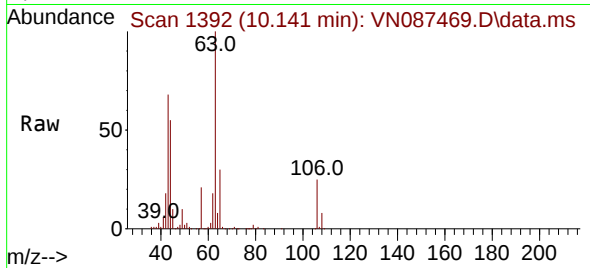
Tgt Ion:107 Resp: 81582
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.4





#55
2-Chloroethyl vinyl ether
Concen: 88.622 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

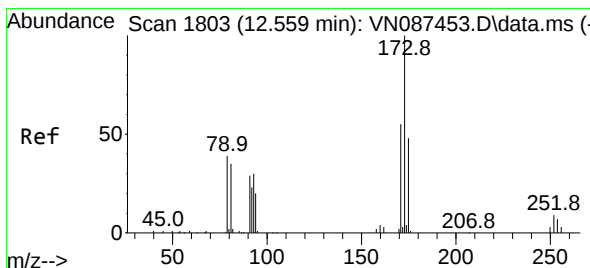
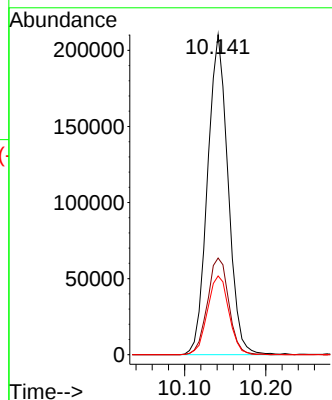
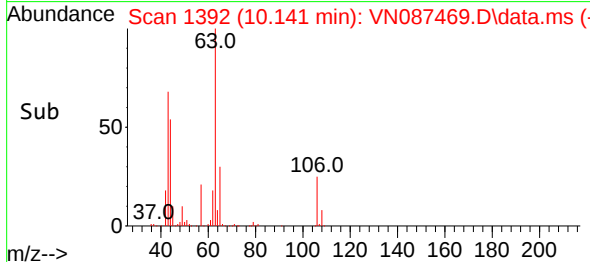
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 63 Resp: 368425
Ion Ratio Lower Upper
63 100
65 31.4 25.7 38.5
106 25.8 20.7 31.1

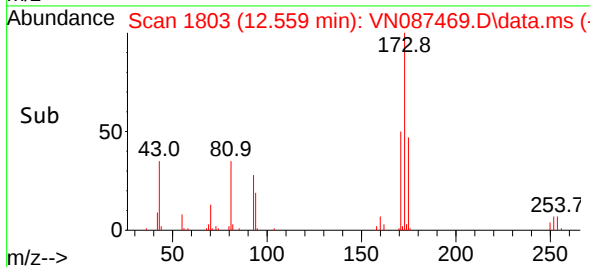
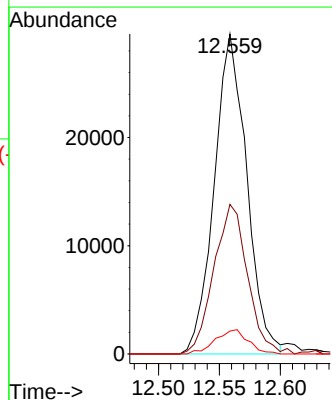
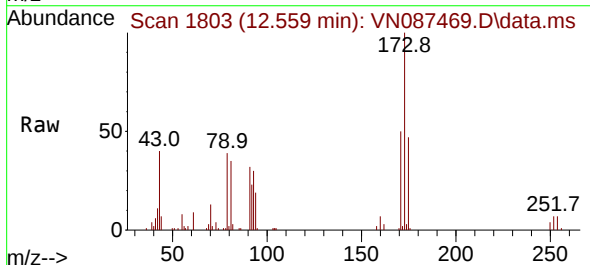
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#56
Bromoform
Concen: 15.990 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

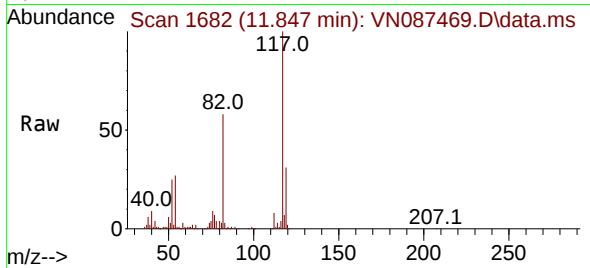
Tgt Ion:173 Resp: 54768
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 7.7 3.9 5.9#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

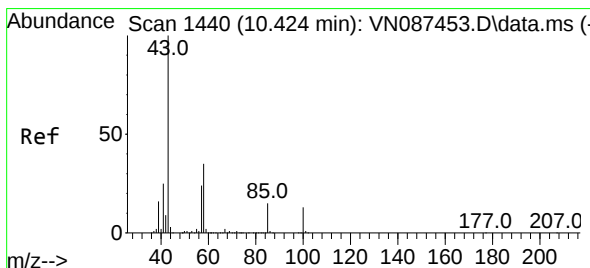
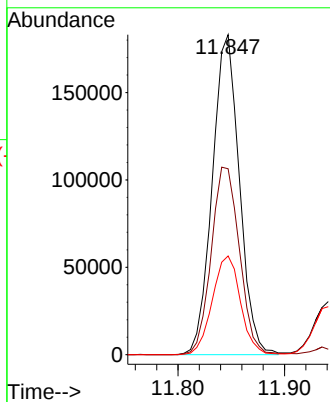
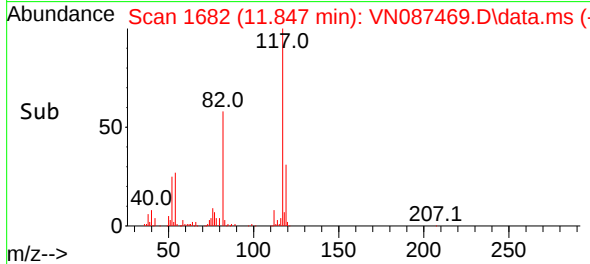
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 117 Resp: 323320
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 32.0 25.7 38.5

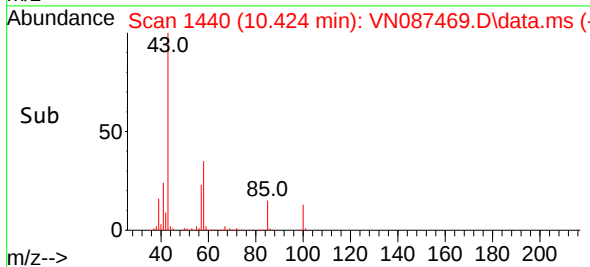
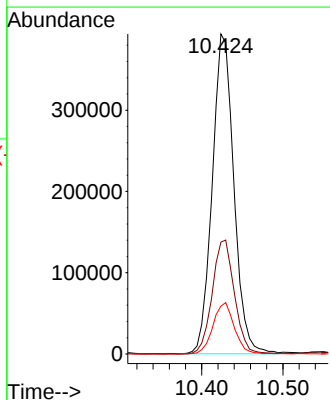
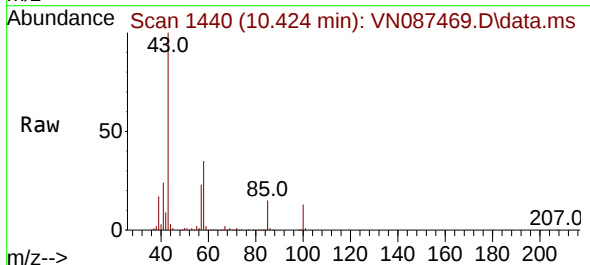
Manual Integrations
APPROVED

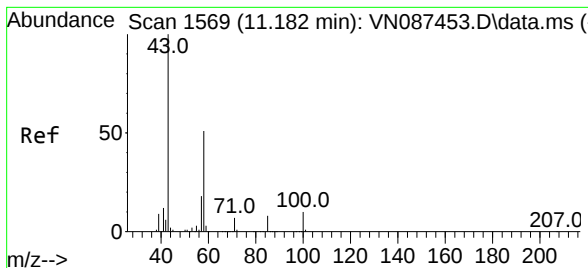
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#58
4-Methyl-2-Pentanone
Concen: 87.538 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

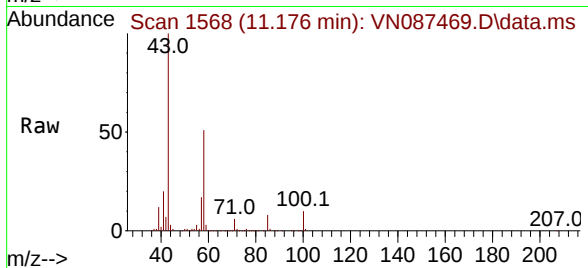
Tgt Ion: 43 Resp: 728097
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6
85 15.8 12.7 19.1





#59
2-Hexanone
Concen: 86.816 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

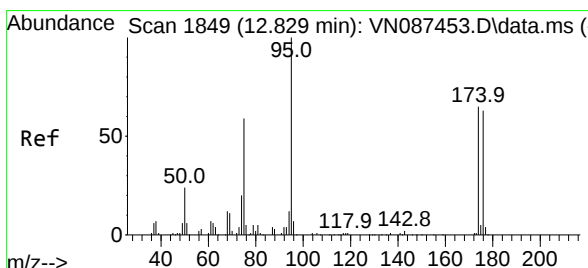
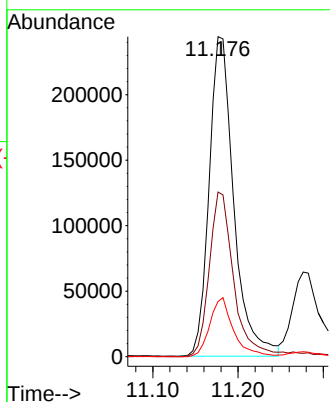
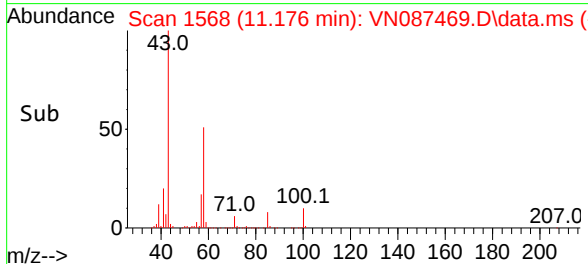
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 43 Resp: 49062
Ion Ratio Lower Upper
43 100
58 50.6 41.0 61.6
57 17.7 14.6 21.8

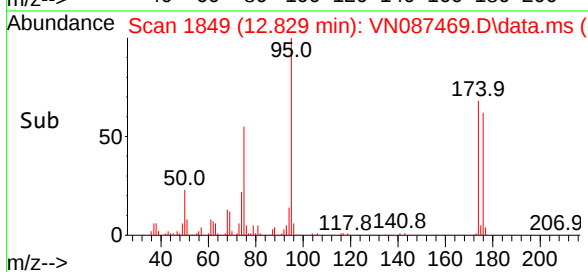
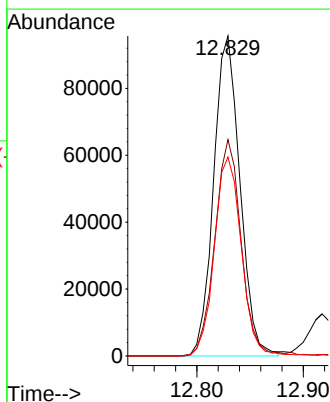
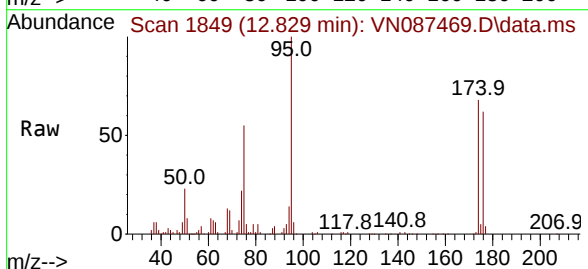
Manual Integrations
APPROVED

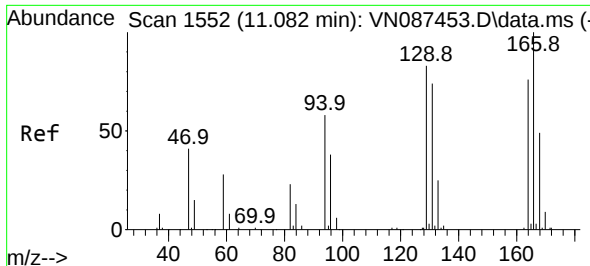
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#60
4-Bromofluorobenzene
Concen: 29.476 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

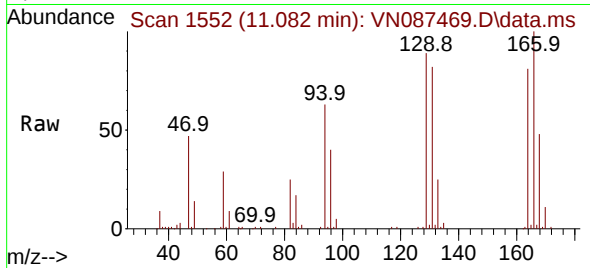
Tgt Ion: 95 Resp: 164013
Ion Ratio Lower Upper
95 100
174 67.4 52.3 78.5
176 63.7 49.8 74.8





#61
Tetrachloroethene
Concen: 17.739 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

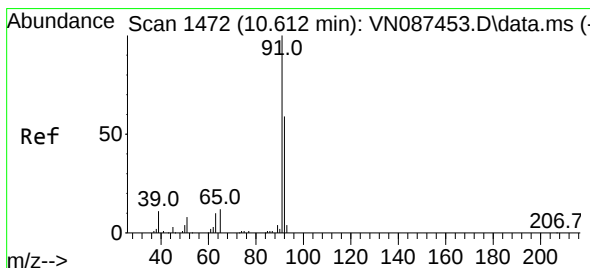
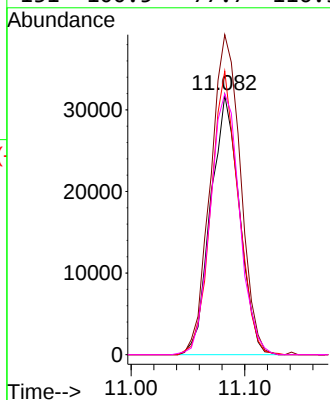
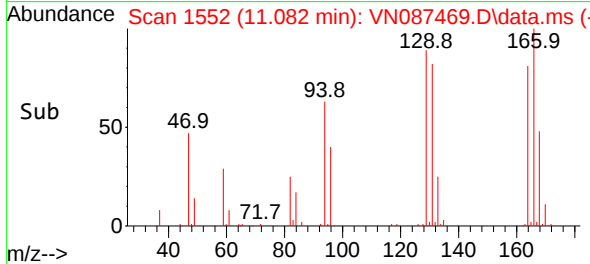
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



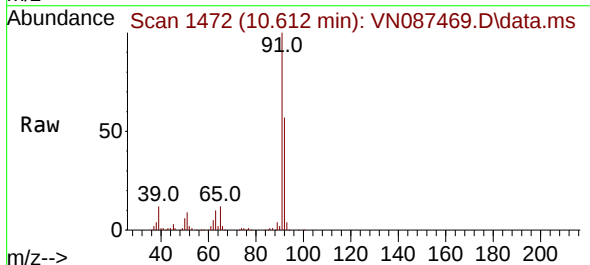
Tgt Ion:164 Resp: 55879
Ion Ratio Lower Upper
164 100
166 123.2 105.4 158.0
129 109.2 87.7 131.5
131 100.5 77.7 116.5

Manual Integrations
APPROVED

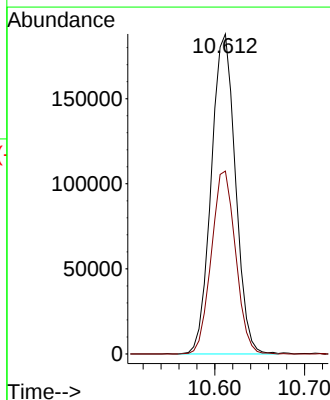
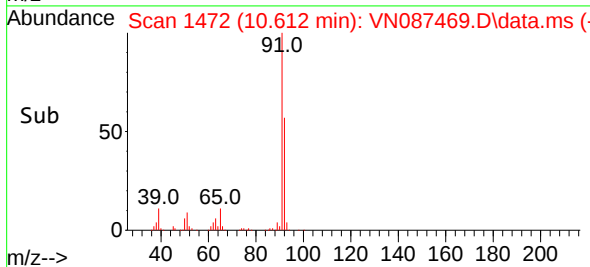
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

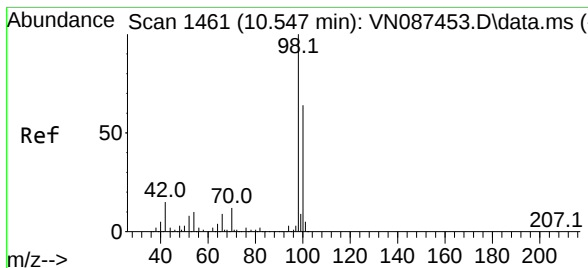


#62
Toluene
Concen: 17.621 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



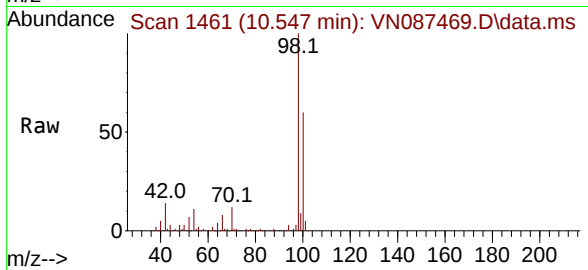
Tgt Ion: 91 Resp: 351649
Ion Ratio Lower Upper
91 100
92 57.3 45.8 68.6





#63
Toluene-d8
Concen: 30.380 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

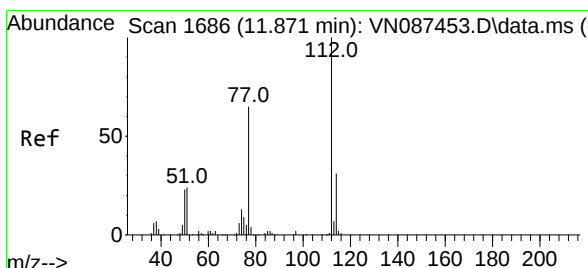
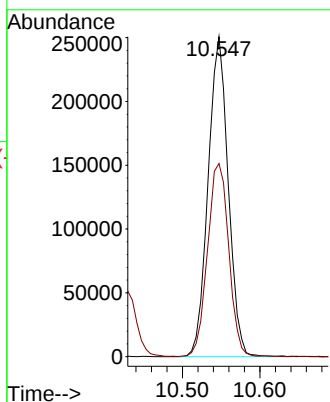
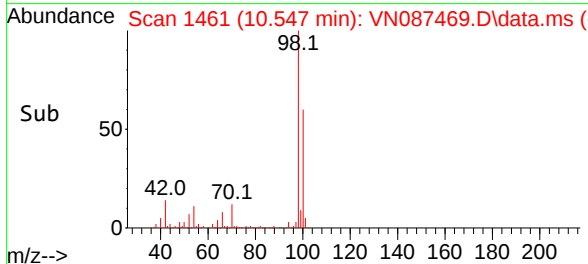
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 98 Resp: 45196
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7

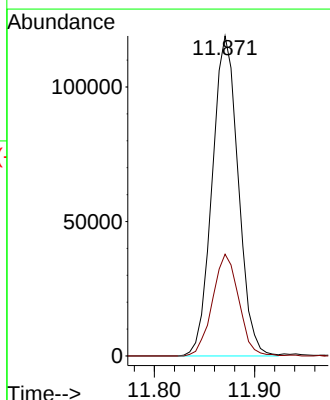
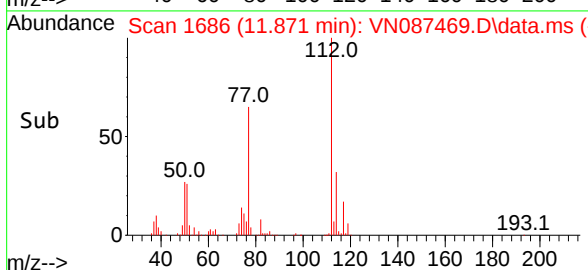
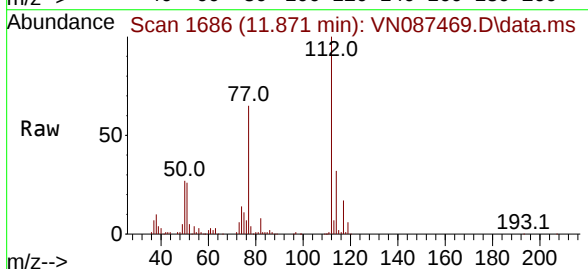
Manual Integrations
APPROVED

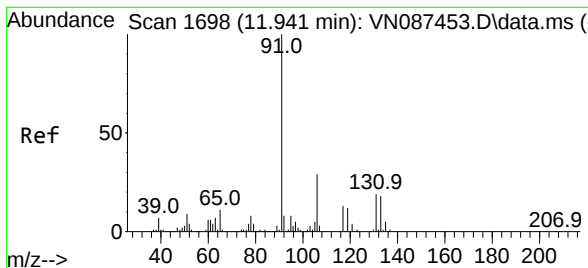
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#64
Chlorobenzene
Concen: 17.535 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

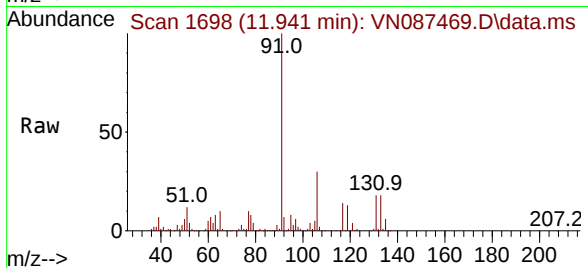
Tgt Ion:112 Resp: 215016
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 17.161 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

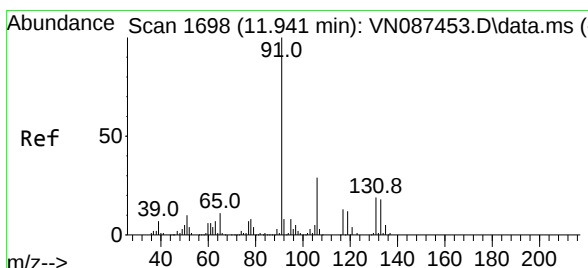
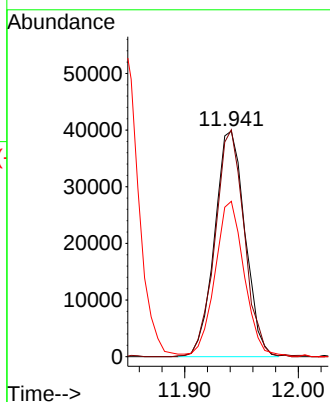
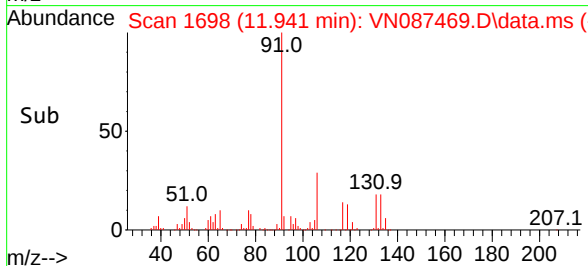
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



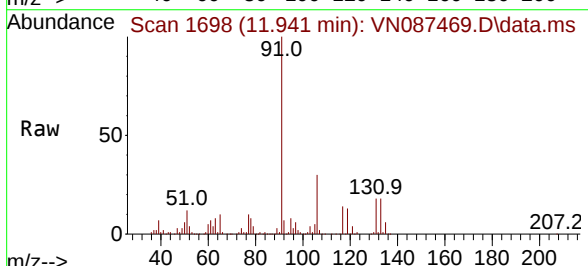
Tgt Ion:131 Resp: 7398
Ion Ratio Lower Upper
131 100
133 96.3 0.0 189.8
119 66.5 0.0 133.2

Manual Integrations
APPROVED

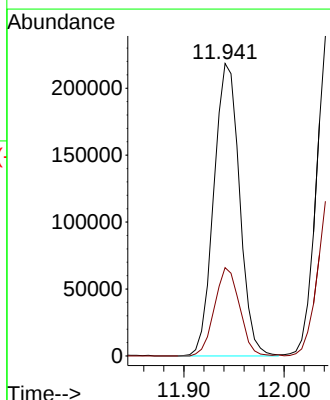
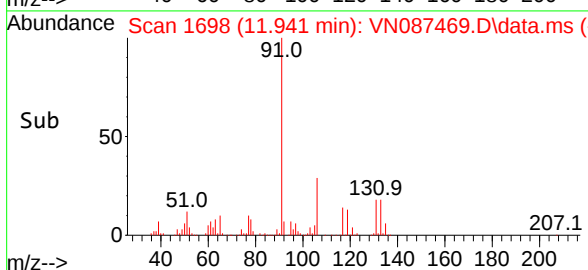
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

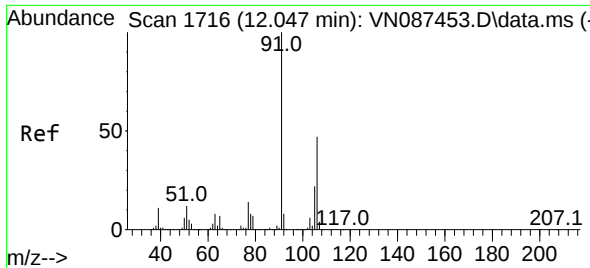


#66
Ethyl Benzene
Concen: 17.505 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



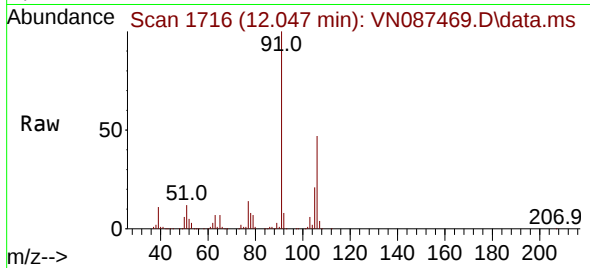
Tgt Ion: 91 Resp: 389345
Ion Ratio Lower Upper
91 100
106 30.2 22.9 34.3





#67
m/p-Xylenes
Concen: 35.025 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

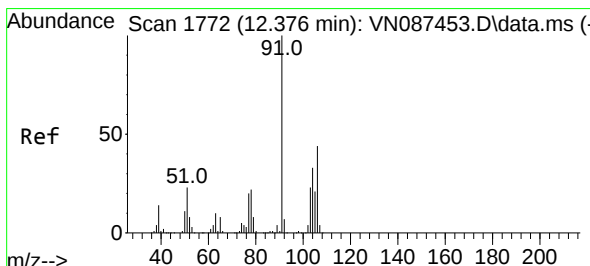
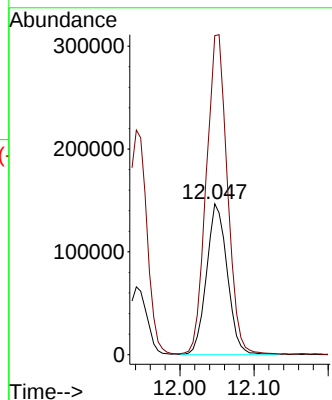
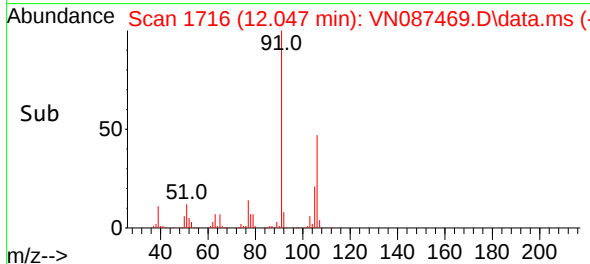
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion:106 Resp: 285958
Ion Ratio Lower Upper
106 100
91 215.9 174.2 261.2

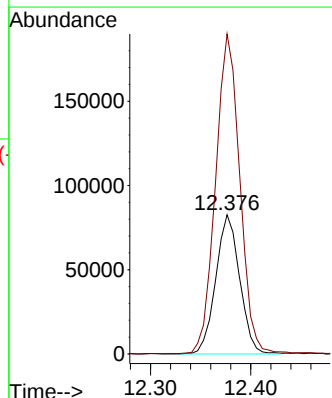
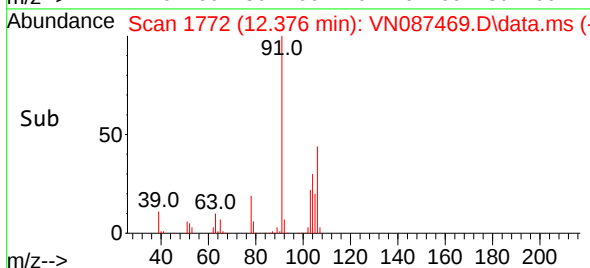
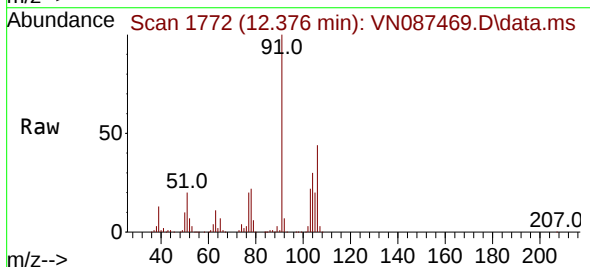
Manual Integrations
APPROVED

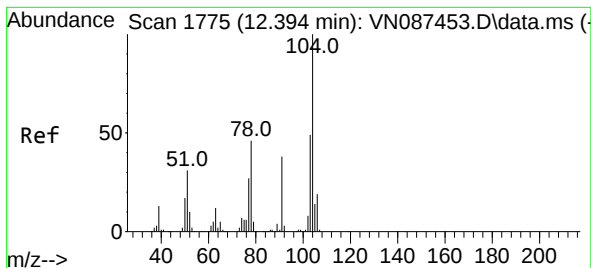
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#68
o-Xylene
Concen: 17.022 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

Tgt Ion:106 Resp: 136722
Ion Ratio Lower Upper
106 100
91 233.7 114.5 343.5





#69

Styrene

Concen: 17.242 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

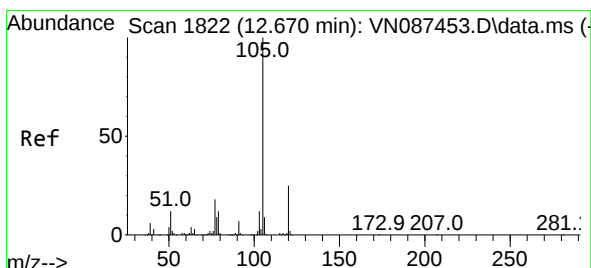
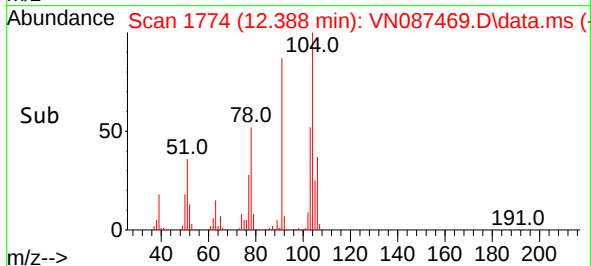
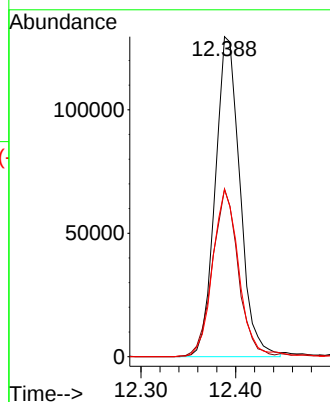
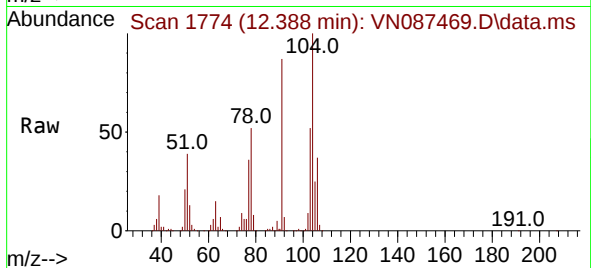
Tgt Ion:104 Resp: 236470
 Ion Ratio Lower Upper
 104 100
 78 54.3 43.8 65.8
 103 55.4 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#70

Isopropylbenzene

Concen: 17.829 ug/l

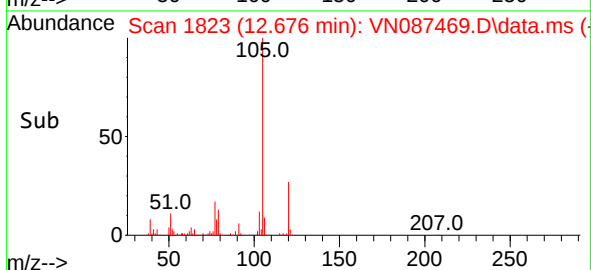
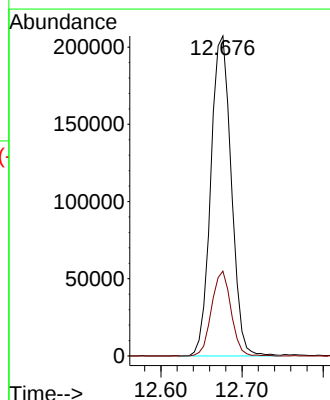
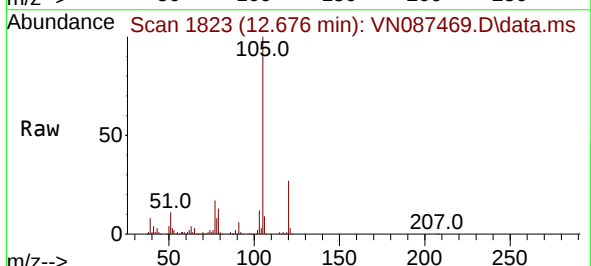
RT: 12.676 min Scan# 1823

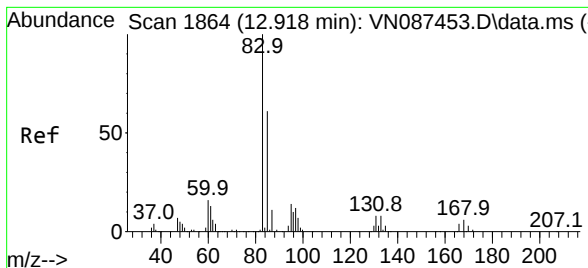
Delta R.T. 0.006 min

Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

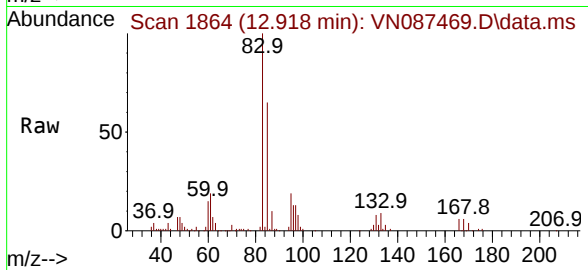
Tgt Ion:105 Resp: 363829
 Ion Ratio Lower Upper
 105 100
 120 25.0 17.5 32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 17.487 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

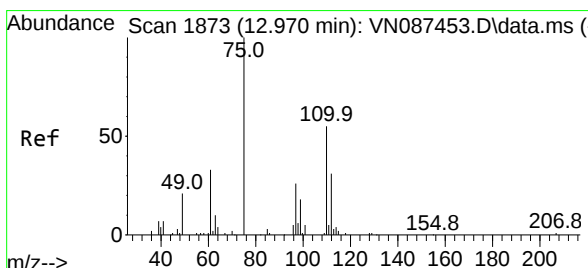
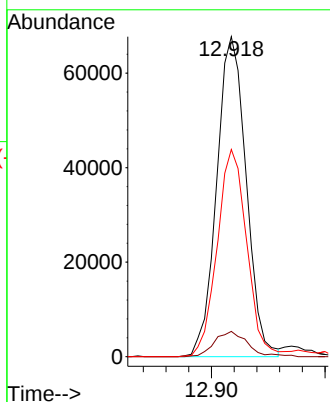
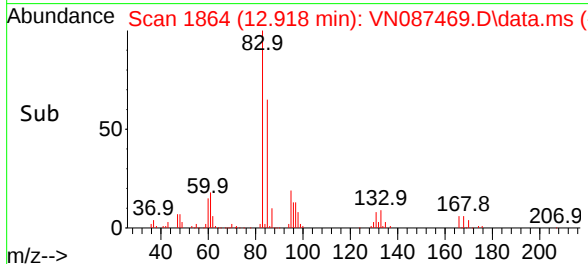
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



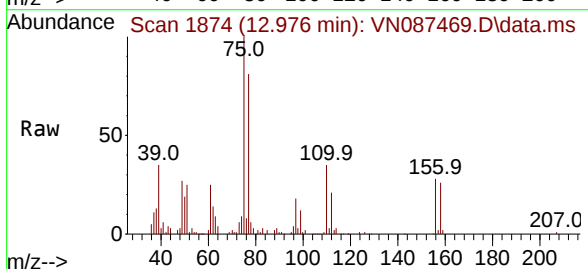
Tgt Ion: 83 Resp: 122260
Ion Ratio Lower Upper
83 100
131 8.4 4.8 14.3
85 64.0 31.7 95.1

Manual Integrations
APPROVED

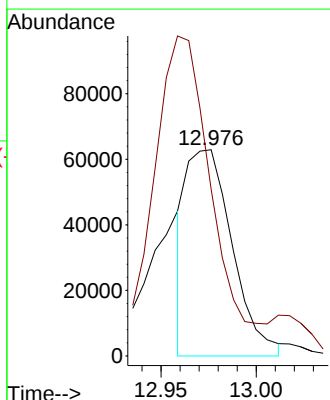
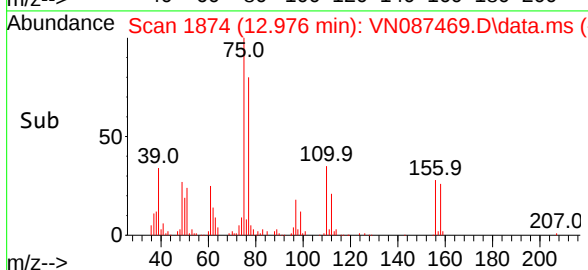
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

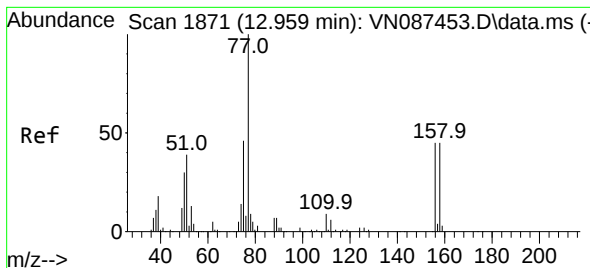


#72
1,2,3-Trichloropropane
Concen: 16.226 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



Tgt Ion: 75 Resp: 105686
Ion Ratio Lower Upper
75 100
77 198.9 0.0 385.0





#73

Bromobenzene

Concen: 17.838 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

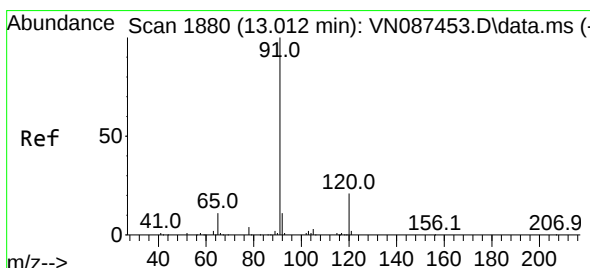
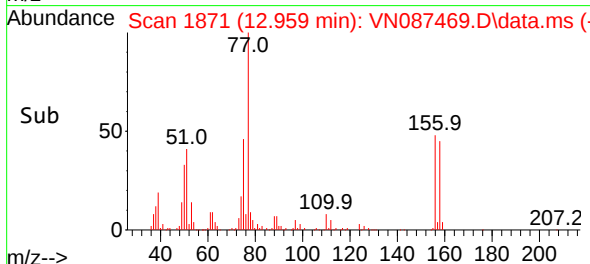
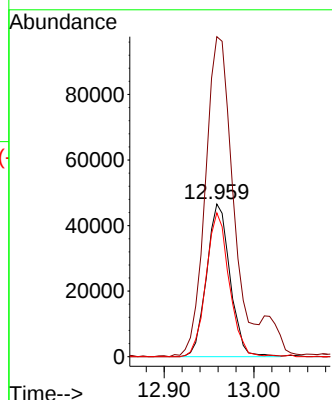
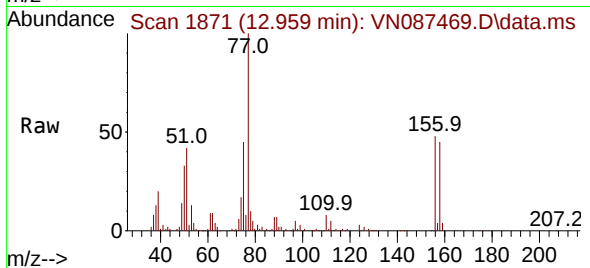
Tgt Ion:	156	Resp:	8438
Ion Ratio	Lower	Upper	
156	100		
77	249.2	0.0	506.6
158	93.0	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#74

n-propylbenzene

Concen: 17.786 ug/l

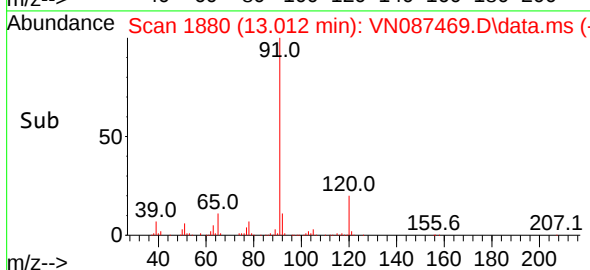
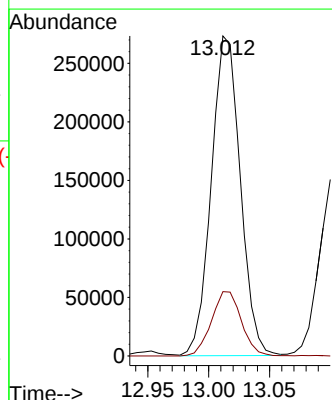
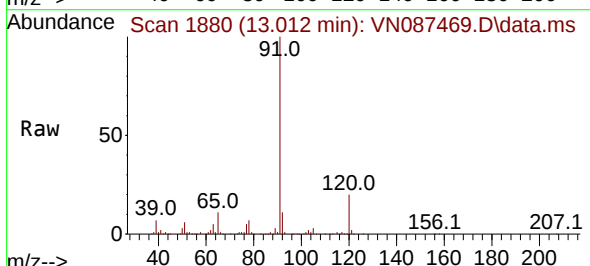
RT: 13.012 min Scan# 1880

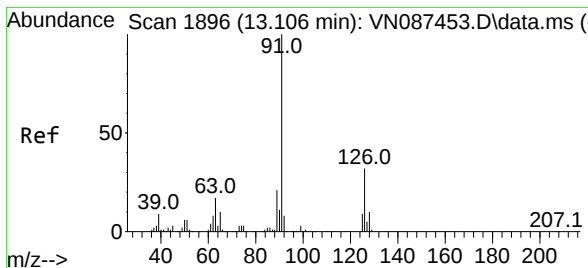
Delta R.T. 0.000 min

Lab File: VN087469.D

Acq: 06 Aug 2025 10:02

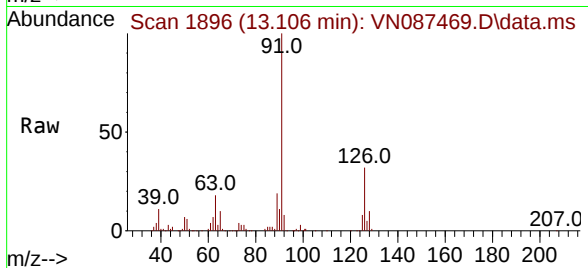
Tgt Ion:	91	Resp:	453262
Ion Ratio	Lower	Upper	
91	100		
120	20.7	0.0	41.8





#75
2-Chlorotoluene
Concen: 17.506 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

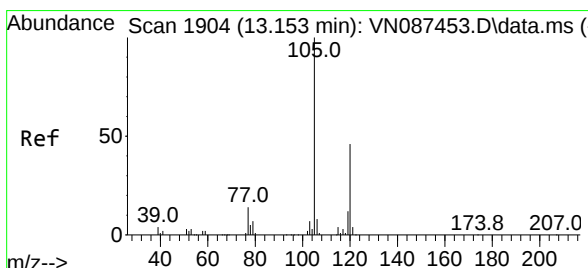
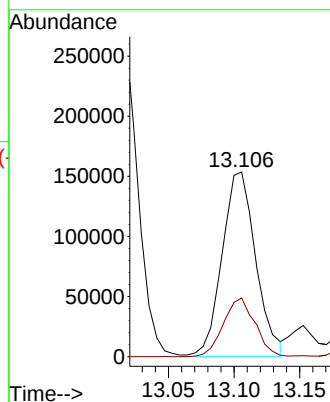
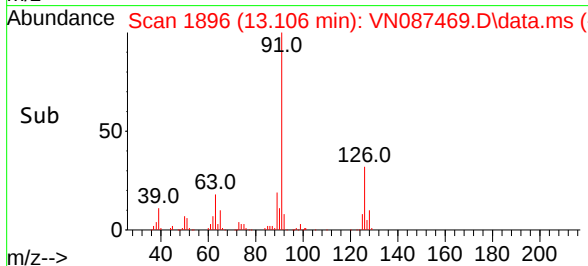
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 91 Resp: 274430
Ion Ratio Lower Upper
91 100
126 29.8 0.0 60.4

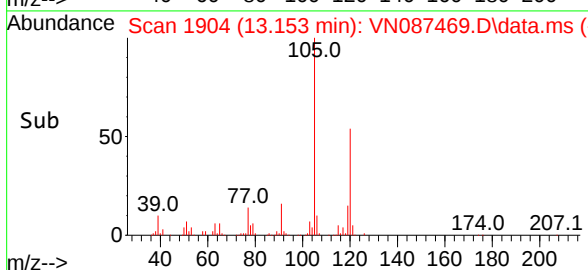
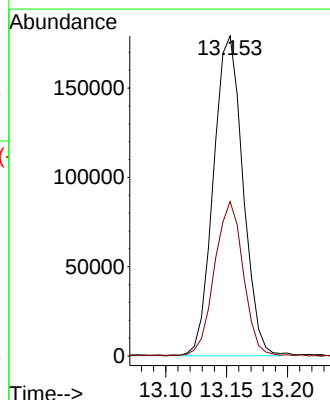
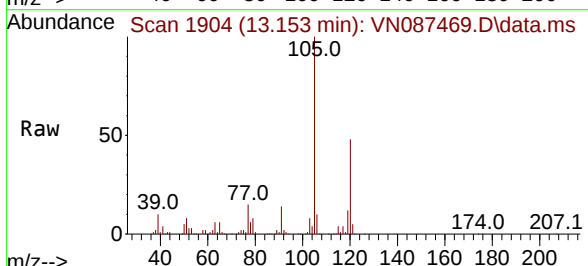
Manual Integrations
APPROVED

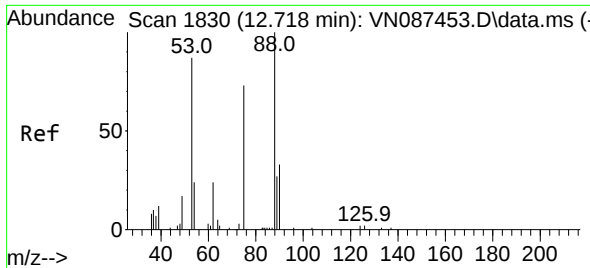
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#76
1,3,5-Trimethylbenzene
Concen: 17.298 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

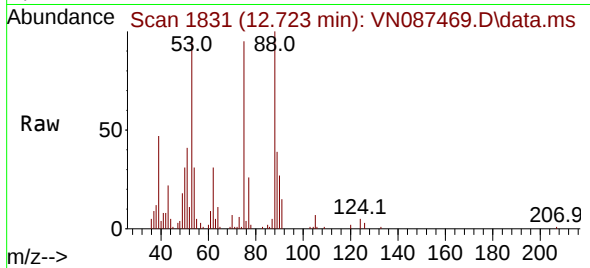
Tgt Ion:105 Resp: 302233
Ion Ratio Lower Upper
105 100
120 47.1 0.0 91.2





#77
t-1,4-Dichloro-2-butene
Concen: 16.603 ug/l
RT: 12.723 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

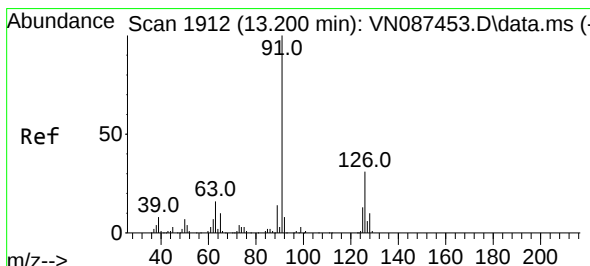
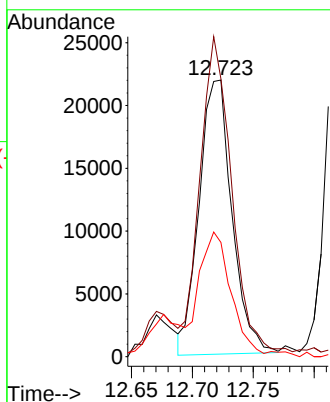
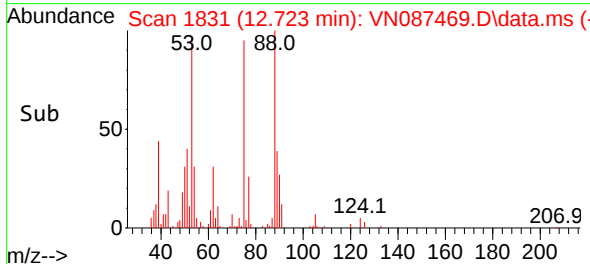
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 75 Resp: 4093
Ion Ratio Lower Upper
75 100
53 99.5 59.0 176.8
89 40.5 22.1 66.5

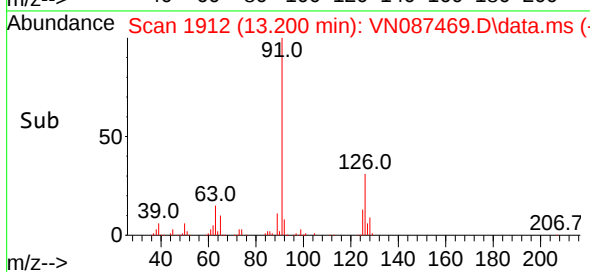
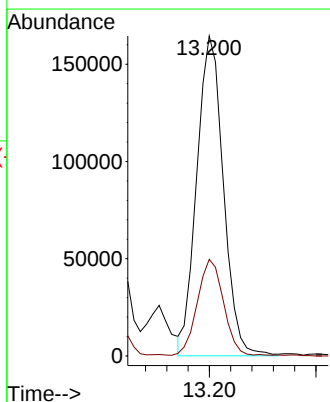
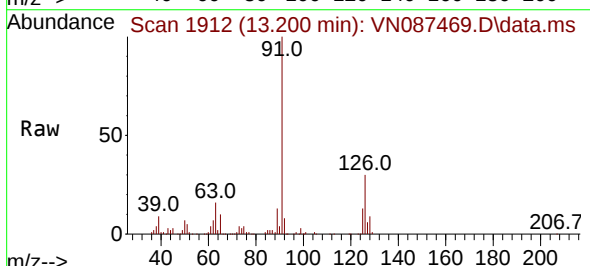
Manual Integrations
APPROVED

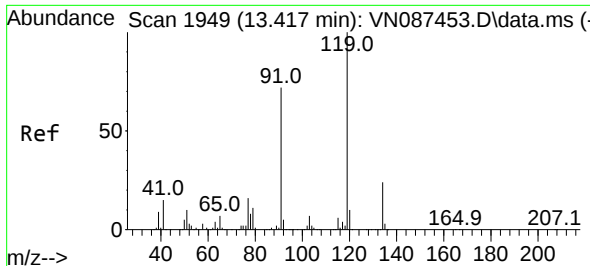
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#78
4-Chlorotoluene
Concen: 17.997 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

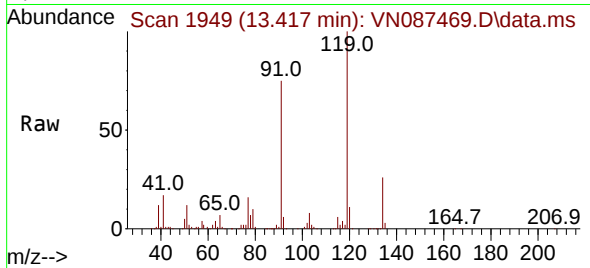
Tgt Ion: 91 Resp: 285903
Ion Ratio Lower Upper
91 100
126 29.2 0.0 63.2





#79
tert-butylbenzene
Concen: 17.475 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

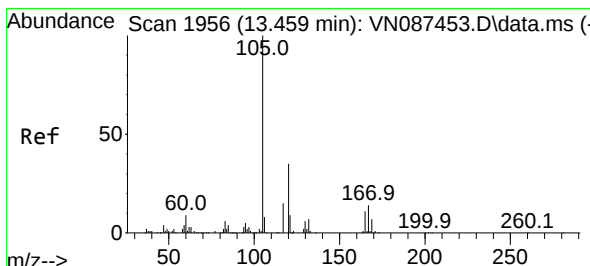
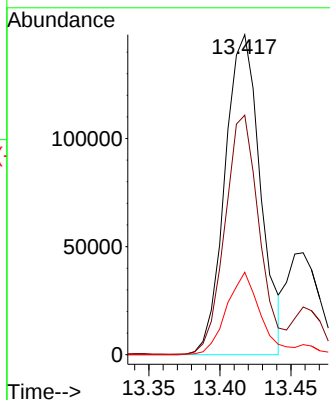
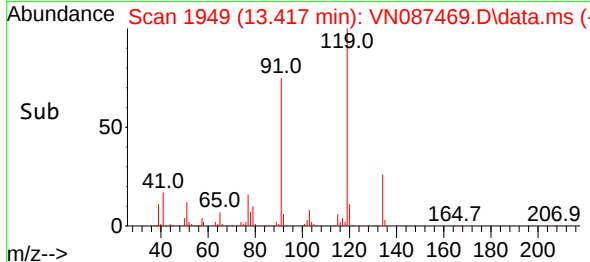
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



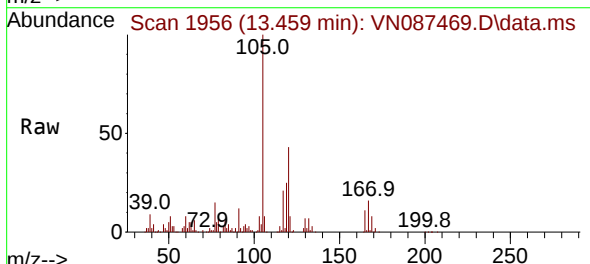
Tgt Ion:119 Resp: 25742
Ion Ratio Lower Upper
119 100
91 72.8 0.0 141.6
134 24.7 0.0 45.6

Manual Integrations
APPROVED

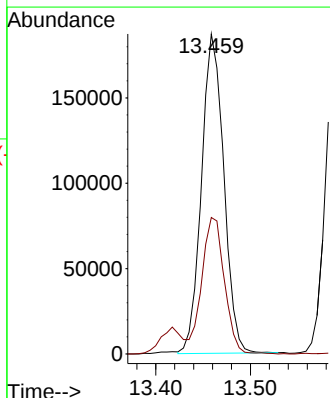
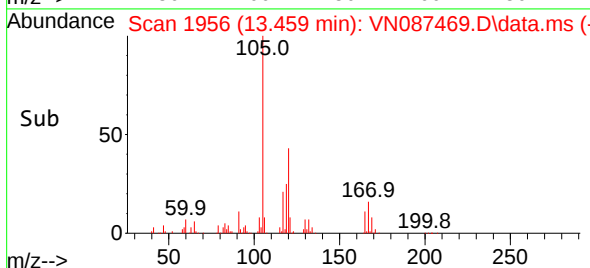
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

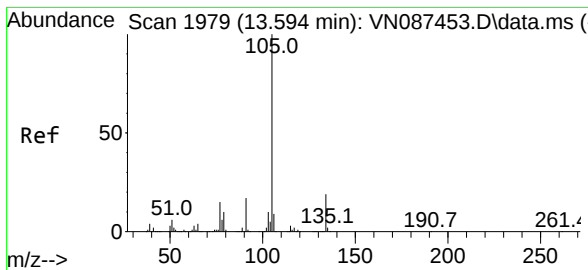


#80
1,2,4-Trimethylbenzene
Concen: 17.545 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



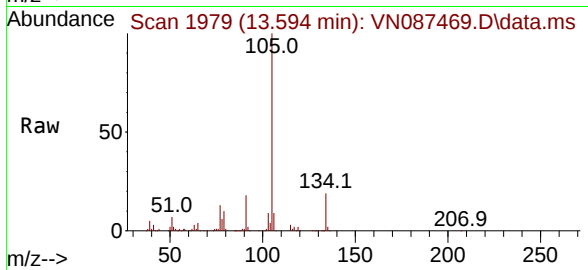
Tgt Ion:105 Resp: 306316
Ion Ratio Lower Upper
105 100
120 43.1 0.0 87.2





#81
 sec-Butylbenzene
 Concen: 17.700 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087469.D
 Acq: 06 Aug 2025 10:02

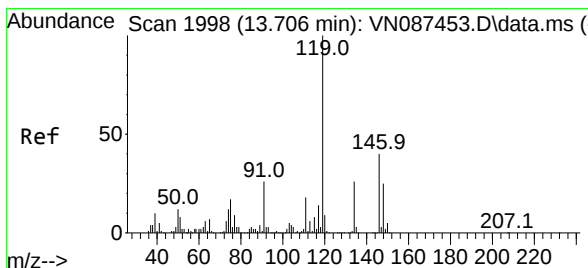
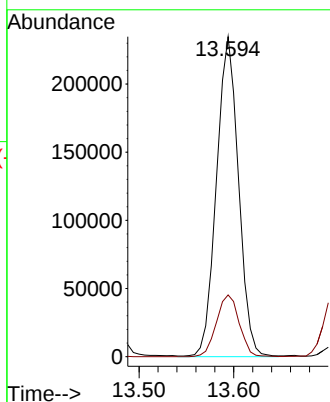
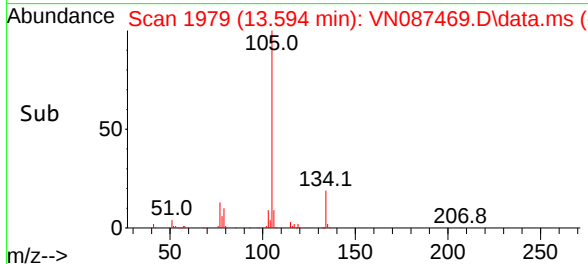
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01



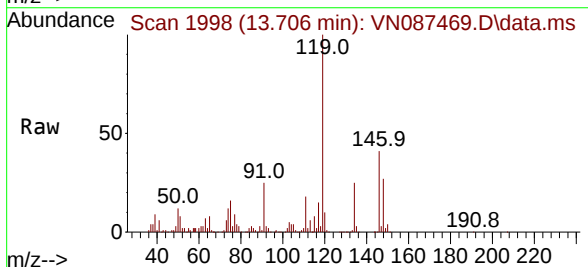
Tgt Ion:105 Resp: 379572
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 37.6

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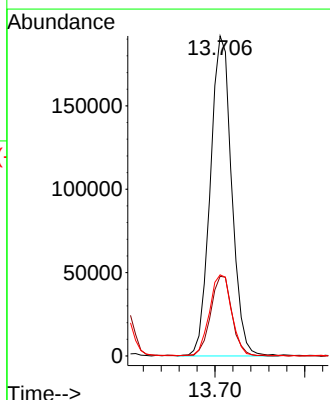
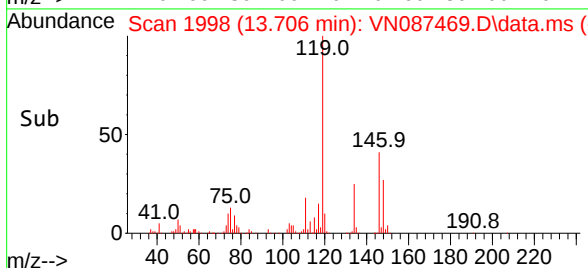
Reviewed By :John Carlone 08/07/2025
 Supervised By :Mahesh Dadoda 08/07/2025

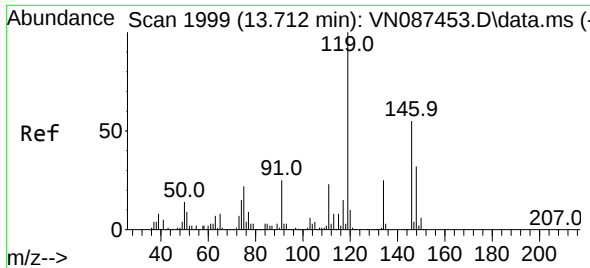


#82
 p-Isopropyltoluene
 Concen: 17.815 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087469.D
 Acq: 06 Aug 2025 10:02



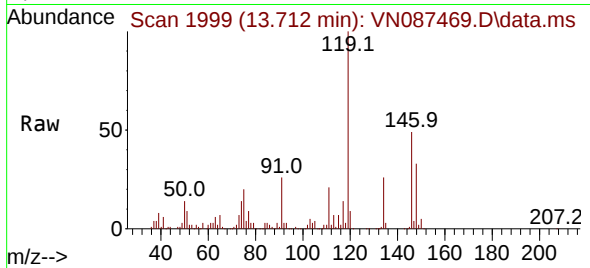
Tgt Ion:119 Resp: 317223
 Ion Ratio Lower Upper
 119 100
 134 24.7 0.0 51.4
 91 26.1 0.0 52.0





#83
1,3-Dichlorobenzene
Concen: 17.599 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

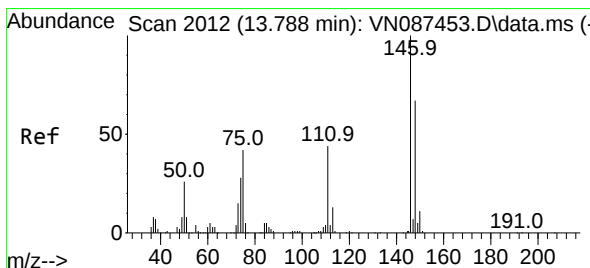
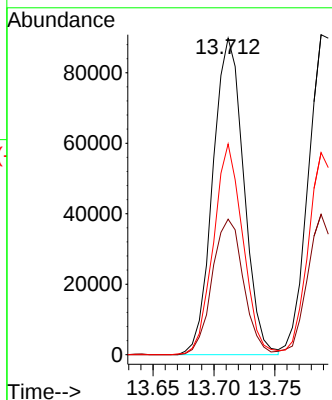
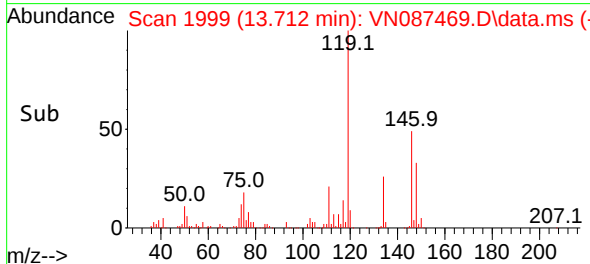
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



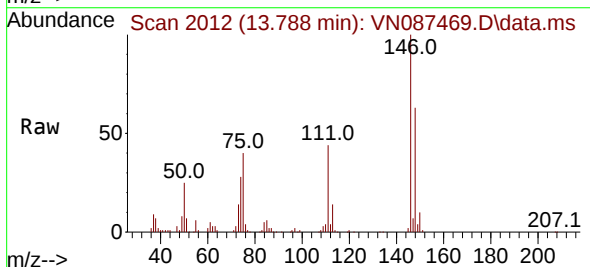
Tgt Ion:146 Resp: 15853
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.5
148 63.4 31.3 93.9

Manual Integrations
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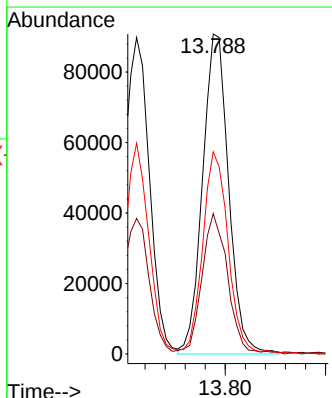
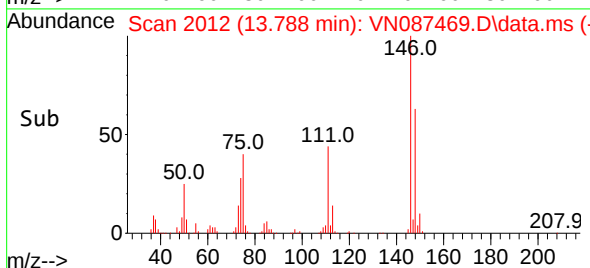
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

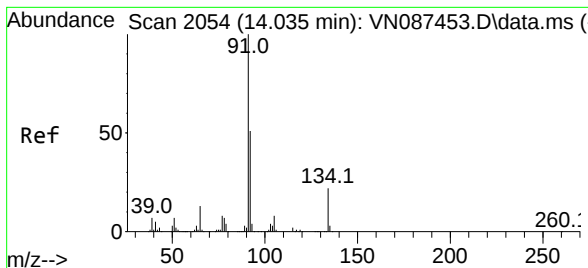


#84
1,4-Dichlorobenzene
Concen: 17.982 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



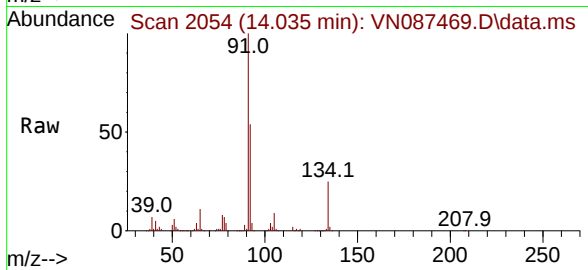
Tgt Ion:146 Resp: 164222
Ion Ratio Lower Upper
146 100
111 43.4 21.1 63.1
148 61.4 31.4 94.3





#85
n-Butylbenzene
Concen: 17.812 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

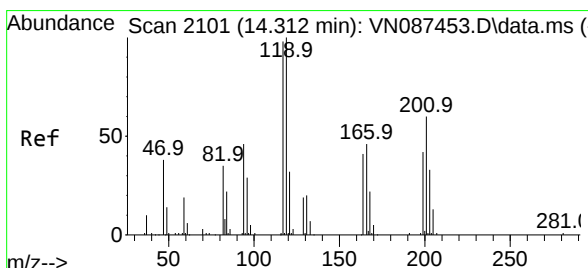
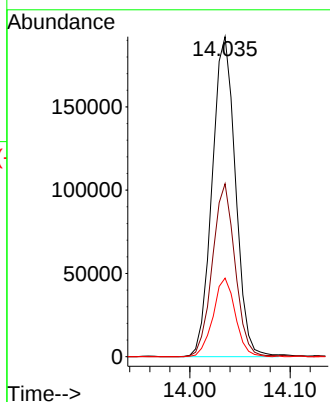
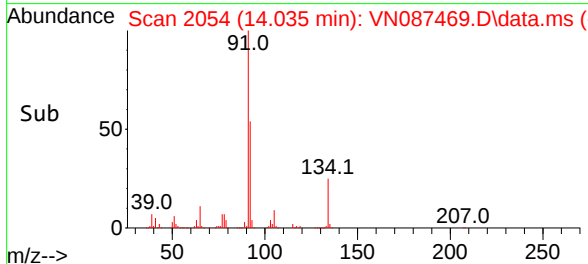
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion: 91 Resp: 310300
Ion Ratio Lower Upper
91 100
92 52.5 0.0 106.6
134 23.4 0.0 44.4

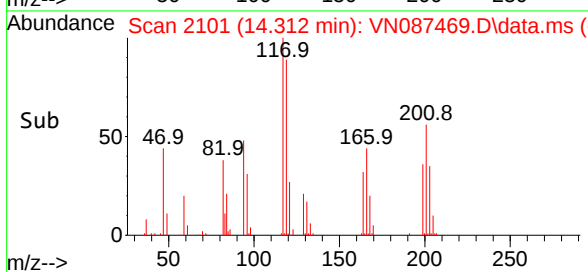
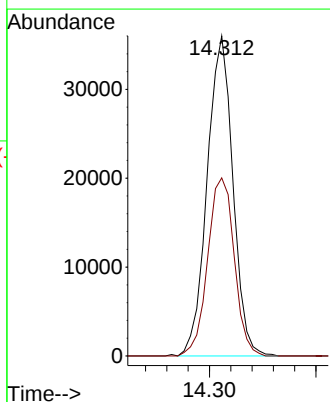
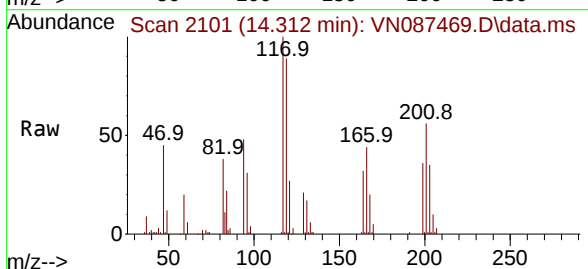
Manual Integrations
APPROVED

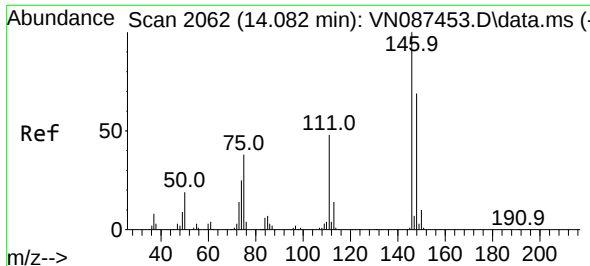
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#86
Hexachloroethane
Concen: 17.381 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

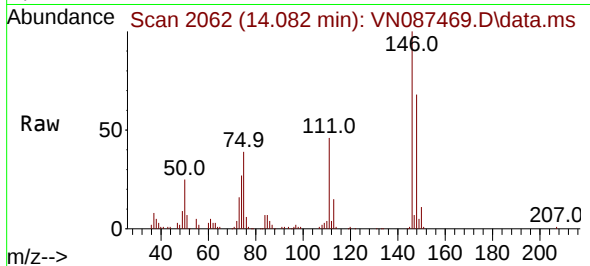
Tgt Ion:117 Resp: 60437
Ion Ratio Lower Upper
117 100
201 57.4 29.1 87.4





#87
1,2-Dichlorobenzene
Concen: 17.439 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

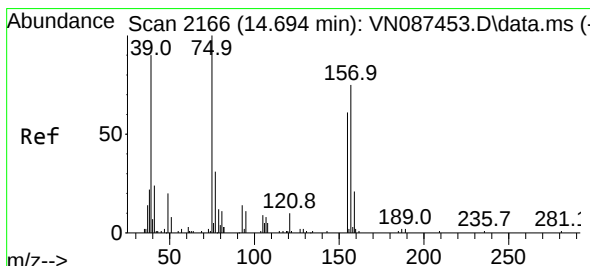
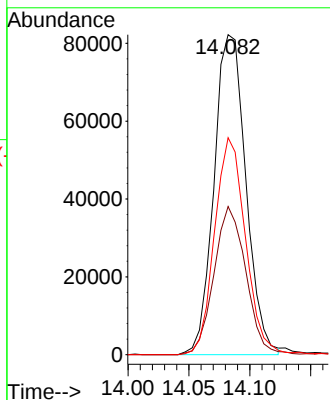
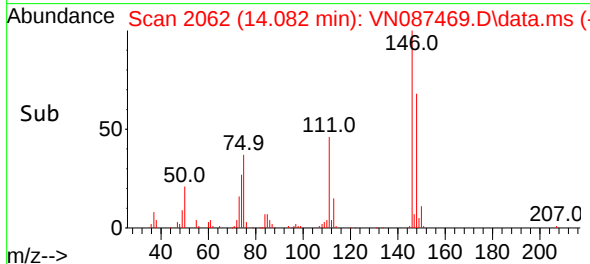
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



Tgt Ion:146 Resp: 149949
Ion Ratio Lower Upper
146 100
111 46.2 22.9 68.7
148 65.5 31.6 94.7

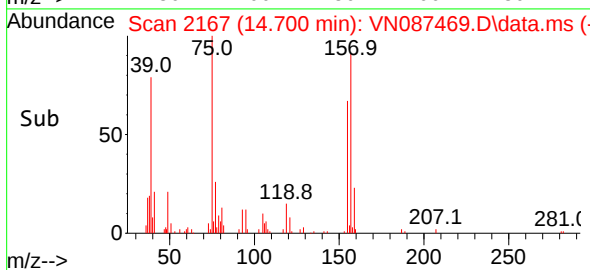
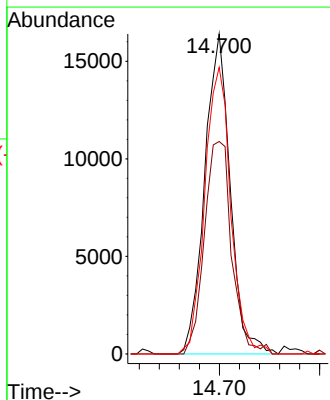
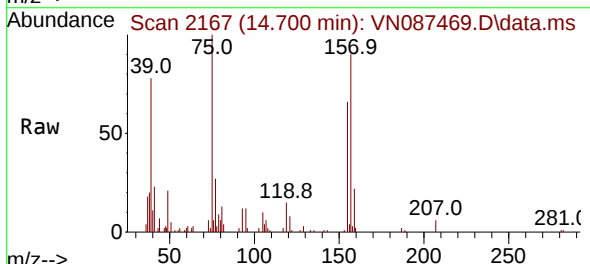
Manual Integrations
APPROVED

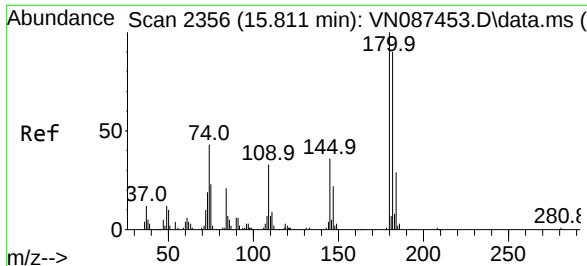
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.351 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

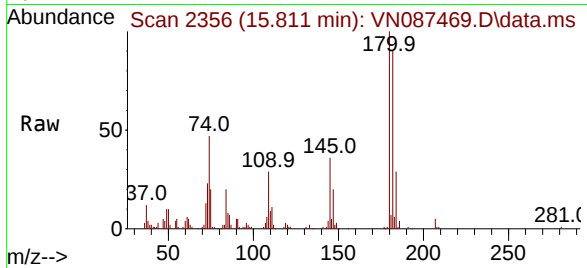
Tgt Ion: 75 Resp: 28961
Ion Ratio Lower Upper
75 100
155 70.4 55.7 83.5
157 90.5 65.8 98.6





#89
1,2,4-Trichlorobenzene
Concen: 17.413 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02

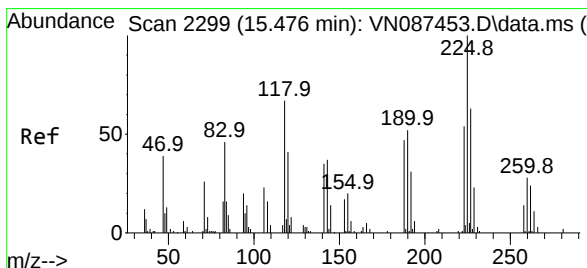
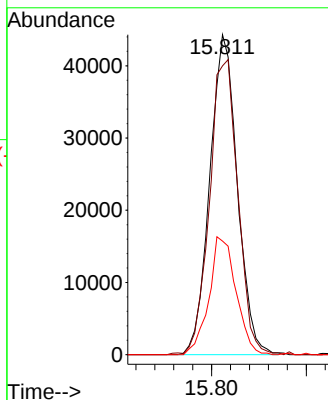
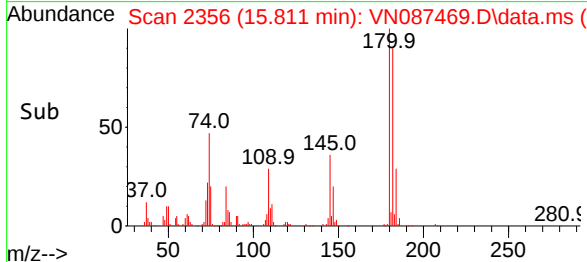
Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01



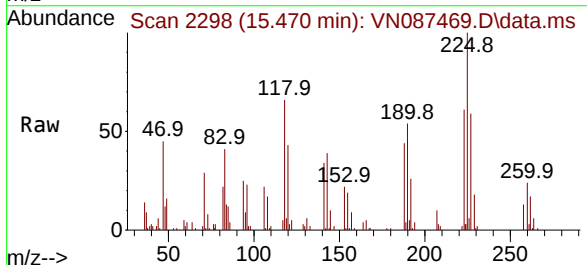
Tgt Ion:180 Resp: 8948
Ion Ratio Lower Upper
180 100
182 94.6 75.0 112.4
145 36.1 28.6 43.0

Manual Integrations
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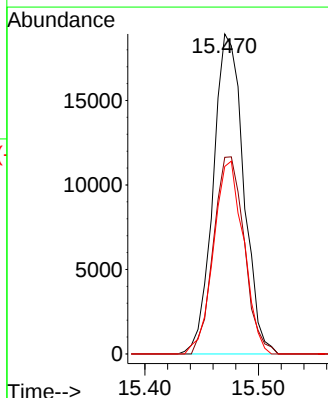
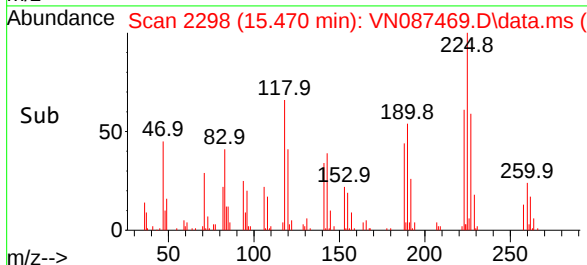
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

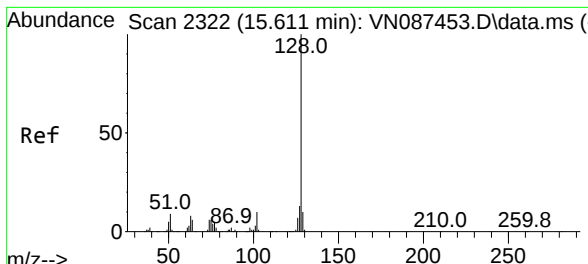


#90
Hexachlorobutadiene
Concen: 17.653 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087469.D
Acq: 06 Aug 2025 10:02



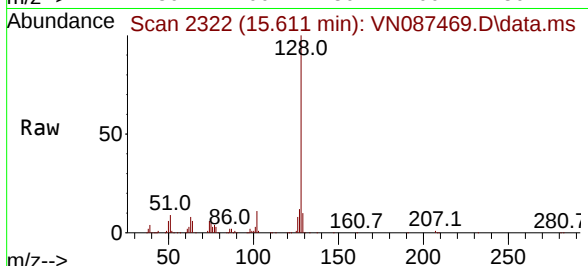
Tgt Ion:225 Resp: 35275
Ion Ratio Lower Upper
225 100
223 62.2 0.0 116.0
227 59.6 0.0 127.0





#91
 Naphthalene
 Concen: 16.420 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VN087469.D
 Acq: 06 Aug 2025 10:02

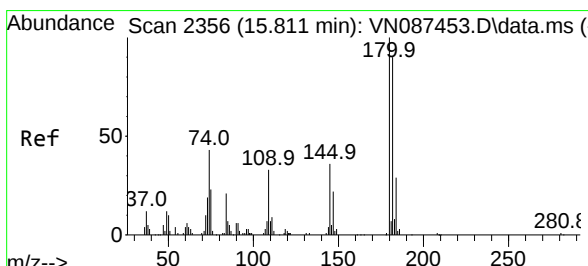
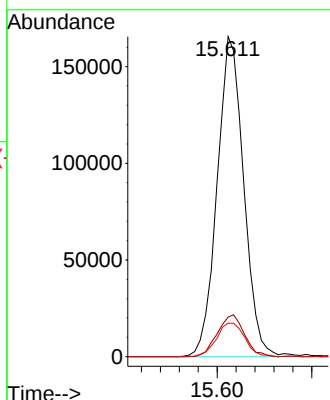
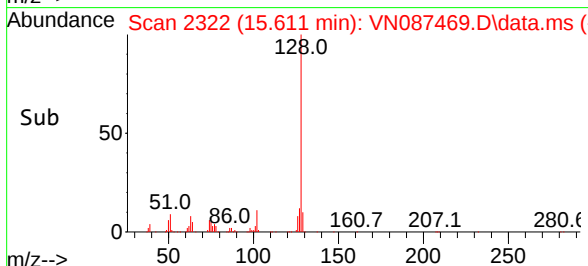
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01



Tgt Ion:	128	Resp:	32174
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.2	15.4
129	11.2	8.9	13.3

Manual Integrations
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Reviewed By :John Carlone 08/07/2025
 Supervised By :Mahesh Dadoda 08/07/2025



#92
 1,2,3-Trichlorobenzene
 Concen: 17.413 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087469.D
 Acq: 06 Aug 2025 10:02

Tgt Ion:	180	Resp:	89482
Ion Ratio	Lower	Upper	
180	100		
182	94.6	0.0	187.4
145	36.1	0.0	71.6

