

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
 Data File : VN087620.D
 Acq On : 21 Aug 2025 13:08
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 22 02:29:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:09:28 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/22/2025
 Supervised By : Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	230389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	446380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	411161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	194457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	23607	5.001	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.000%		
35) Dibromofluoromethane	8.141	113	16452	5.105	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.200%		
50) Toluene-d8	10.547	98	61777	5.121	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.240%		
62) 4-Bromofluorobenzene	12.829	95	19896	4.638	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.280%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	13341	4.077	ug/l	91
3) Chloromethane	2.383	50	14670	4.363	ug/l #	87
4) Vinyl Chloride	2.542	62	17021	4.366	ug/l	96
5) Bromomethane	2.971	94	8950	4.449	ug/l #	67
6) Chloroethane	3.130	64	12160	4.437	ug/l	99
7) Trichlorofluoromethane	3.512	101	26231	4.592	ug/l #	69
8) Diethyl Ether	3.959	74	11532	4.635	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	14929	4.619	ug/l #	85
10) Methyl Iodide	4.583	142	6109	8.995	ug/l	90
11) Tert butyl alcohol	5.530	59	19630	23.954	ug/l #	71
12) 1,1-Dichloroethene	4.336	96	14950	4.501	ug/l	89
13) Acrolein	4.183	56	28918	28.704	ug/l	96
14) Allyl chloride	5.012	41	27277	4.532	ug/l	94
15) Acrylonitrile	5.706	53	53640	23.209	ug/l	99
16) Acetone	4.418	43	73025	28.418	ug/l	97
17) Carbon Disulfide	4.694	76	40223	4.399	ug/l #	94
18) Methyl Acetate	5.012	43	24038	4.468	ug/l #	61
19) Methyl tert-butyl Ether	5.783	73	57783	4.637	ug/l	98
20) Methylene Chloride	5.253	84	21101	4.549	ug/l #	80
21) trans-1,2-Dichloroethene	5.777	96	16922	4.701	ug/l	96
22) Diisopropyl ether	6.653	45	59705	4.596	ug/l	99
23) Vinyl Acetate	6.588	43	274045	23.189	ug/l	98
24) 1,1-Dichloroethane	6.565	63	34563	4.853	ug/l	98
25) 2-Butanone	7.477	43	83189	24.607	ug/l	93
26) 2,2-Dichloropropane	7.482	77	28641	4.685	ug/l	97
27) cis-1,2-Dichloroethene	7.465	96	21105	4.904	ug/l	95
28) Bromochloromethane	7.788	49	17986	5.224	ug/l #	98
29) Tetrahydrofuran	7.830	42	49801	22.890	ug/l	97
30) Chloroform	7.953	83	35366	4.865	ug/l	89
31) Cyclohexane	8.241	56	34337	5.783	ug/l #	96
32) 1,1,1-Trichloroethane	8.147	97	29878	4.850	ug/l	90
36) 1,1-Dichloropropene	8.353	75	22697	4.591	ug/l	96
37) Ethyl Acetate	7.547	43	31230m	4.622	ug/l	
38) Carbon Tetrachloride	8.341	117	22716	4.653	ug/l #	84
39) Methylcyclohexane	9.576	83	25902	4.758	ug/l	91
40) Benzene	8.582	78	73071	4.818	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:09:28 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	15464	4.419	ug/l #	95
42) 1,2-Dichloroethane	8.653	62	27989	4.803	ug/l	95
43) Isopropyl Acetate	8.671	43	48032	4.554	ug/l	99
44) Trichloroethene	9.329	130	17267	4.987	ug/l	91
45) 1,2-Dichloropropane	9.606	63	19397	4.853	ug/l	95
46) Dibromomethane	9.694	93	13115	4.611	ug/l	91
47) Bromodichloromethane	9.865	83	28992	4.973	ug/l	99
48) Methyl methacrylate	9.659	41	22006	4.411	ug/l	94
49) 1,4-Dioxane	9.682	88	6079	94.002	ug/l #	89
51) 4-Methyl-2-Pentanone	10.423	43	150608	23.665	ug/l	97
52) Toluene	10.606	92	44071	4.688	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	28043	4.647	ug/l	92
54) cis-1,3-Dichloropropene	10.288	75	28580	4.561	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	17105	4.703	ug/l	96
56) Ethyl methacrylate	10.853	69	24379	4.194	ug/l #	92
57) 1,3-Dichloropropane	11.141	76	29300	4.552	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.141	63	74236	23.598	ug/l	100
59) 2-Hexanone	11.182	43	87097	21.654	ug/l	98
60) Dibromochloromethane	11.335	129	19653	4.664	ug/l	100
61) 1,2-Dibromoethane	11.447	107	19347	5.045	ug/l	93
64) Tetrachloroethene	11.082	164	14530	5.094	ug/l #	82
65) Chlorobenzene	11.870	112	47879	4.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	16599	4.888	ug/l	88
67) Ethyl Benzene	11.941	91	81935	4.626	ug/l	98
68) m/p-Xylenes	12.053	106	60444	9.306	ug/l	96
69) o-Xylene	12.376	106	29064	4.566	ug/l	98
70) Styrene	12.388	104	44658	4.188	ug/l	93
71) Bromoform	12.559	173	11710	4.496	ug/l #	92
73) Isopropylbenzene	12.670	105	71448	4.547	ug/l	98
74) N-amyl acetate	12.670	43	29903m	4.946	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	26850	4.963	ug/l	95
76) 1,2,3-Trichloropropane	12.976	75	22762m	4.980	ug/l	
77) Bromobenzene	12.959	156	17527	4.731	ug/l	97
78) n-propylbenzene	13.012	91	88388	4.567	ug/l	99
79) 2-Chlorotoluene	13.100	91	57432	4.931	ug/l	94
80) 1,3,5-Trimethylbenzene	13.153	105	61434	4.609	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	6458	3.749	ug/l	87
82) 4-Chlorotoluene	13.200	91	58355	4.765	ug/l	96
83) tert-Butylbenzene	13.417	119	51989	4.680	ug/l	98
84) 1,2,4-Trimethylbenzene	13.464	105	60099	4.504	ug/l	98
85) sec-Butylbenzene	13.594	105	78154	4.741	ug/l	98
86) p-Isopropyltoluene	13.706	119	63187	4.642	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	34424	4.718	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	36629	4.824	ug/l	95
89) n-Butylbenzene	14.035	91	62374	4.614	ug/l	99
90) Hexachloroethane	14.306	117	11787	4.545	ug/l	98
91) 1,2-Dichlorobenzene	14.088	146	32320	4.669	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	6280	4.887	ug/l	86
93) 1,2,4-Trichlorobenzene	15.364	180	19345	4.654	ug/l	97
94) Hexachlorobutadiene	15.470	225	7207	4.864	ug/l	96
95) Naphthalene	15.611	128	63009	4.280	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	18896	4.650	ug/l	98

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

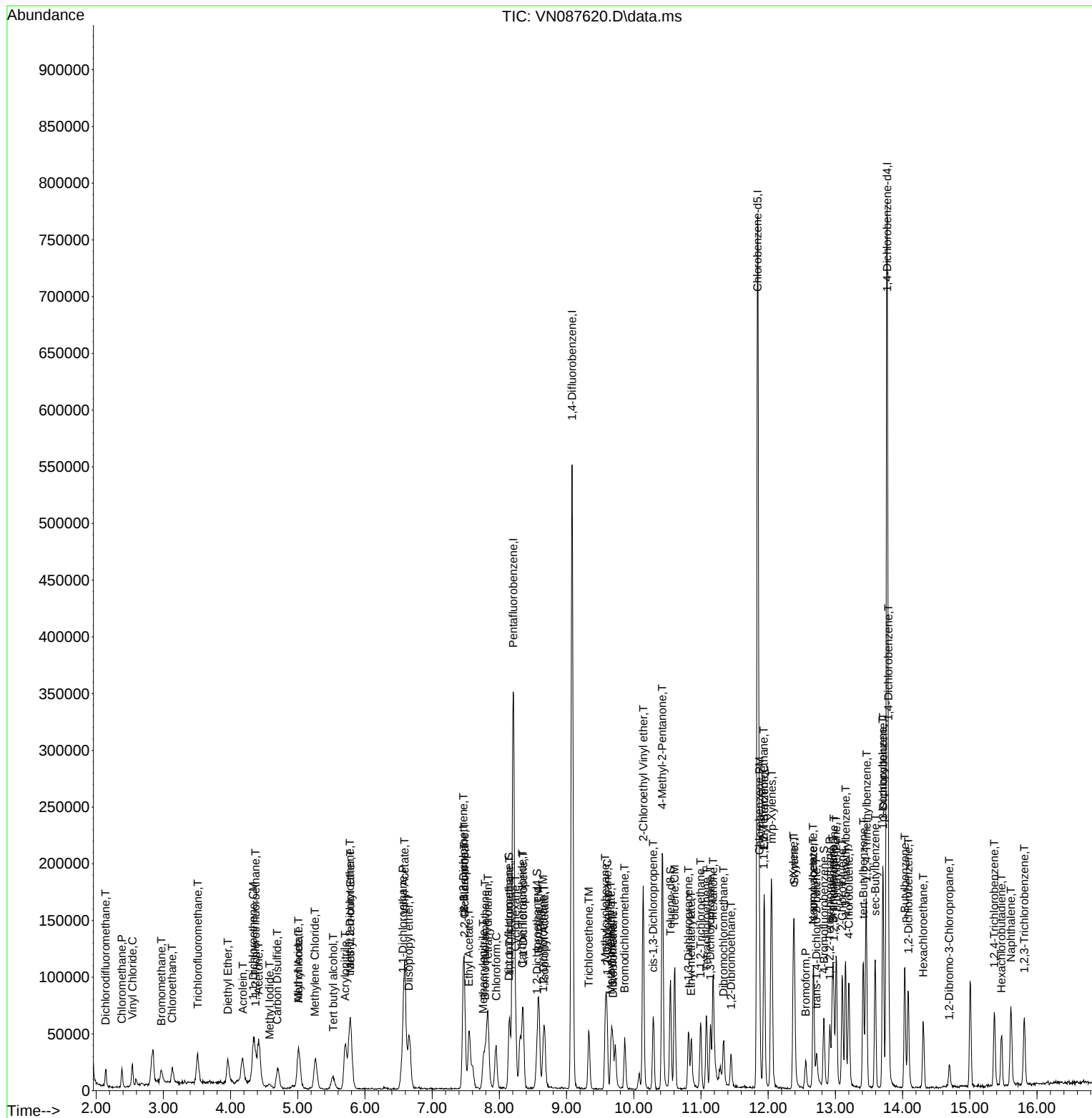
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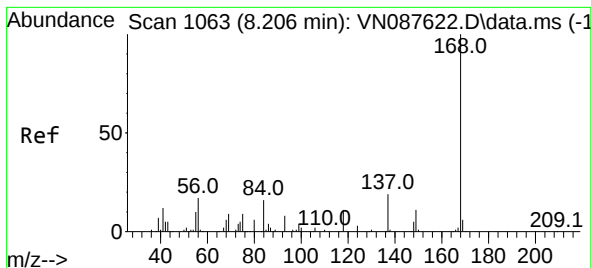
Instrument :
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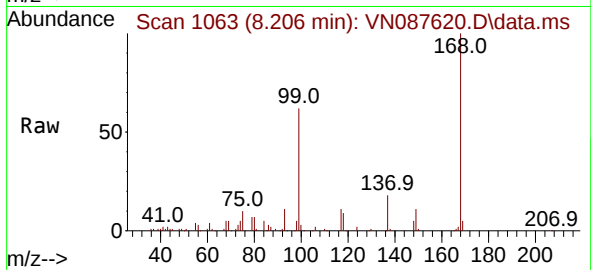
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

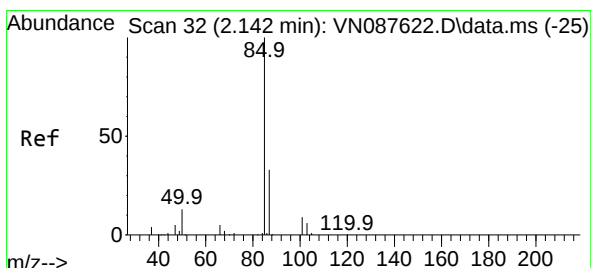
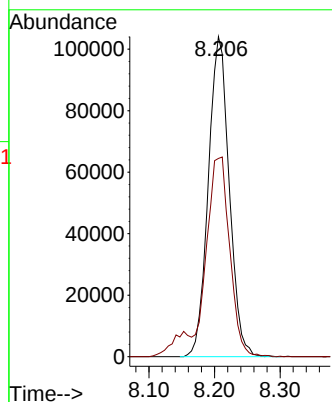
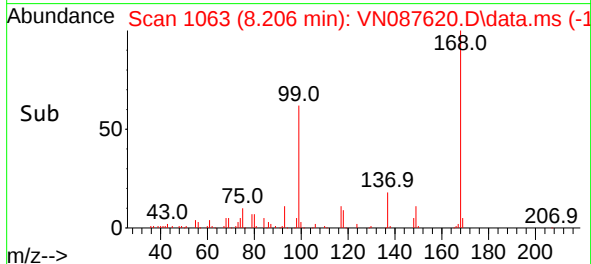
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 230389
Ion Ratio Lower Upper
168 100
99 61.8 57.2 85.8

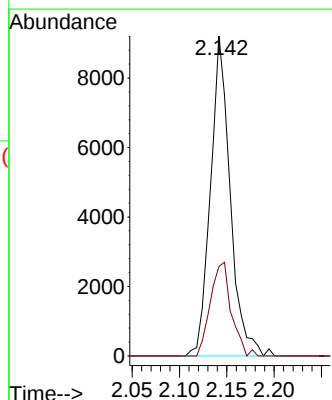
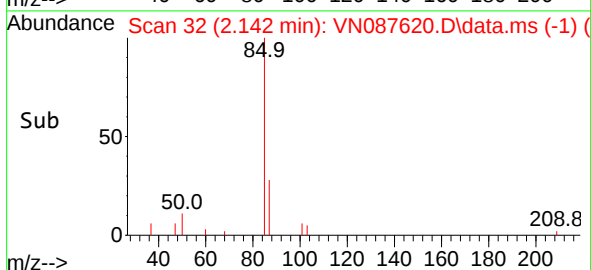
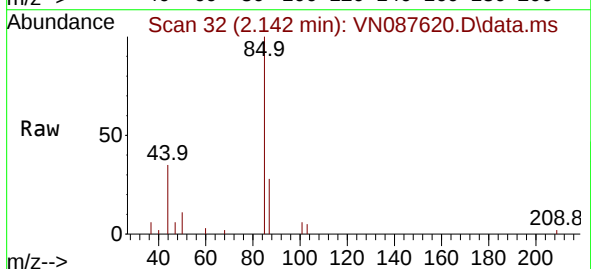
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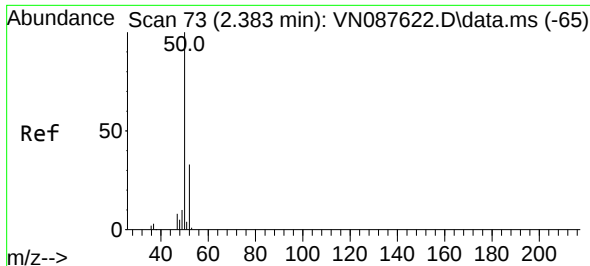
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#2
Dichlorodifluoromethane
Concen: 4.077 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

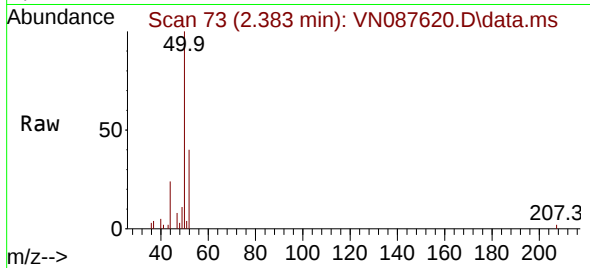
Tgt Ion: 85 Resp: 13341
Ion Ratio Lower Upper
85 100
87 27.9 16.6 49.8





#3
Chloromethane
Concen: 4.363 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

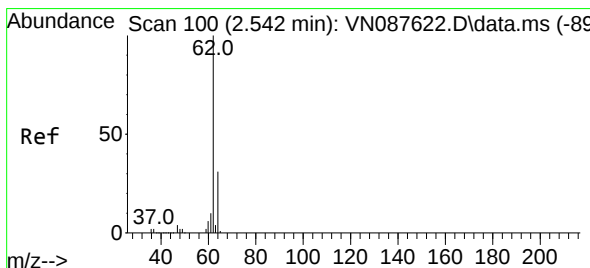
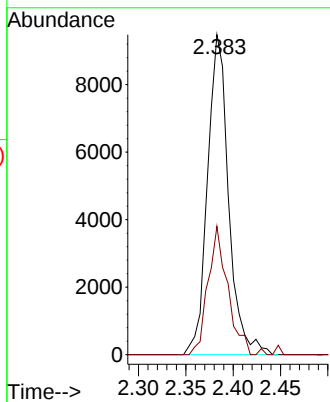
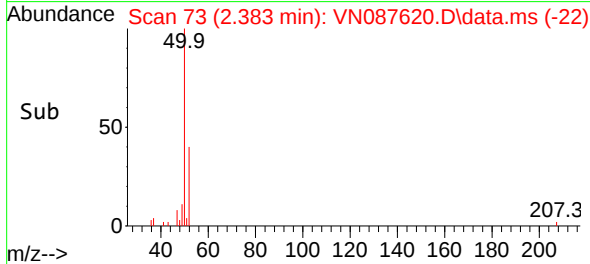
Instrument :
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Tgt Ion: 50 Resp: 14670
Ion Ratio Lower Upper
50 100
52 40.1 26.2 39.4

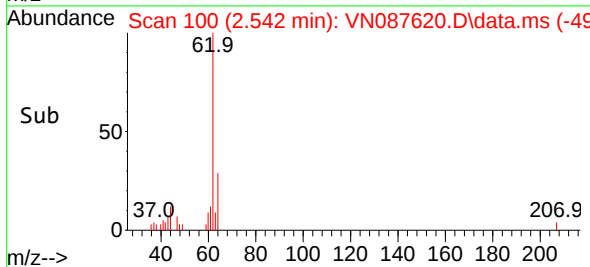
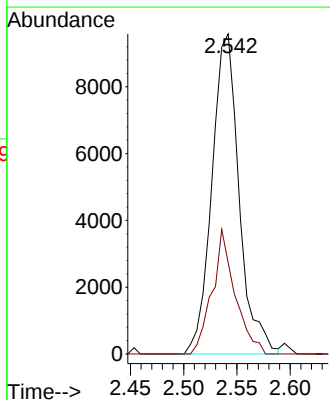
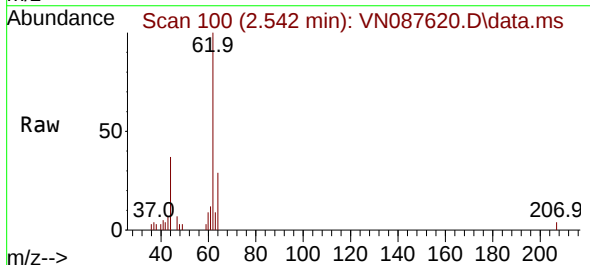
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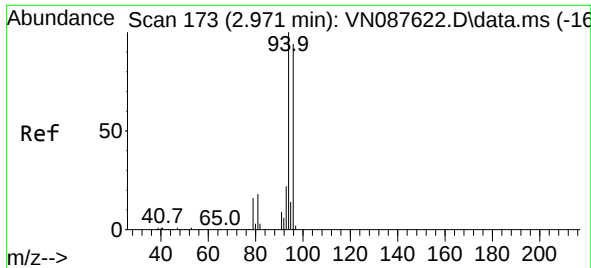
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#4
Vinyl Chloride
Concen: 4.366 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

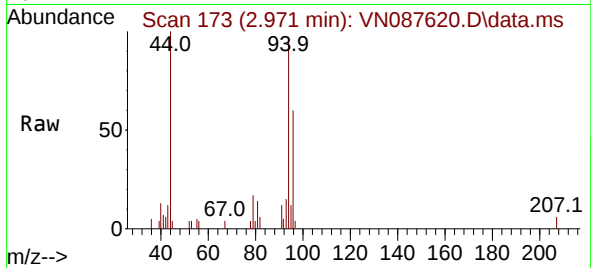
Tgt Ion: 62 Resp: 17021
Ion Ratio Lower Upper
62 100
64 28.7 24.6 37.0





#5
Bromomethane
Concen: 4.449 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

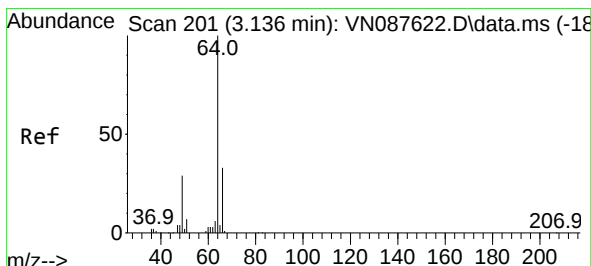
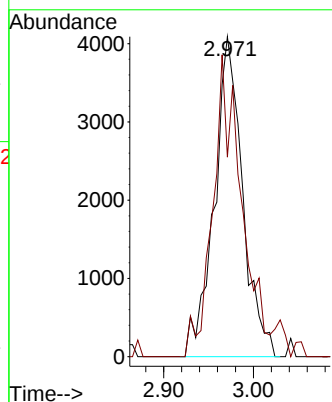
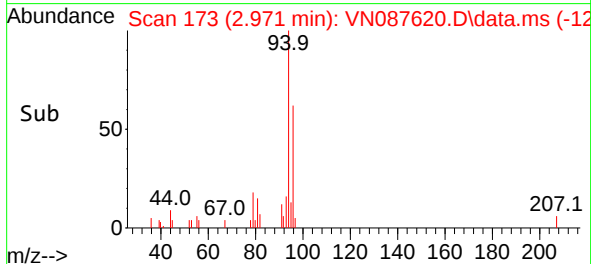
Instrument :
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Tgt Ion: 94 Resp: 8950
Ion Ratio Lower Upper
94 100
96 62.3 75.4 113.2

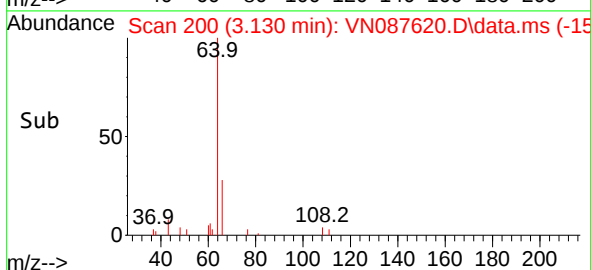
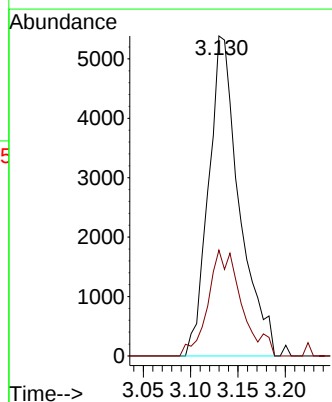
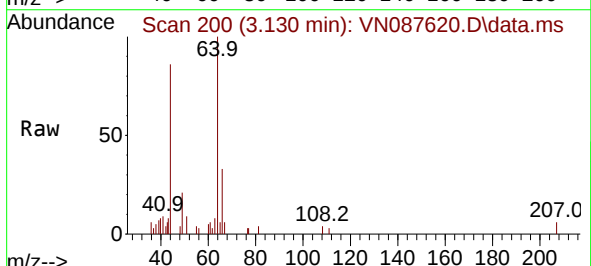
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#6
Chloroethane
Concen: 4.437 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

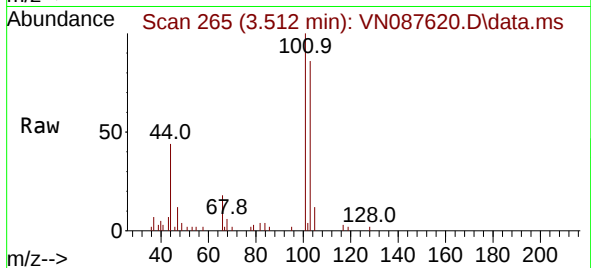
Tgt Ion: 64 Resp: 12160
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 4.592 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087620.D
 Acq: 21 Aug 2025 13:08

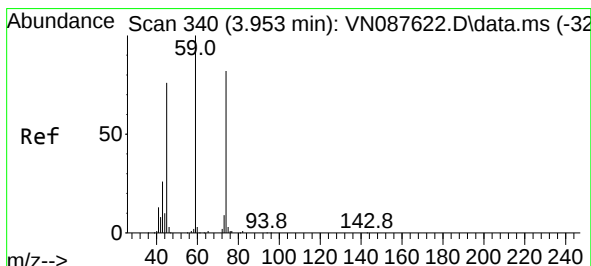
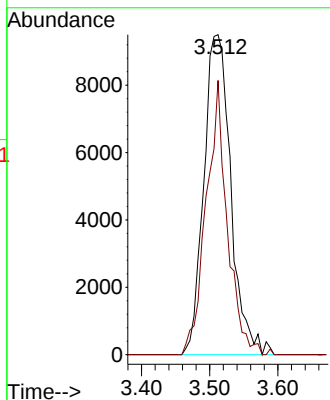
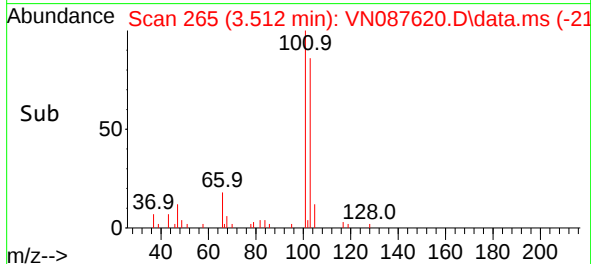
Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion: 101 Resp: 2623
 Ion Ratio Lower Upper
 101 100
 103 85.7 49.4 74.0

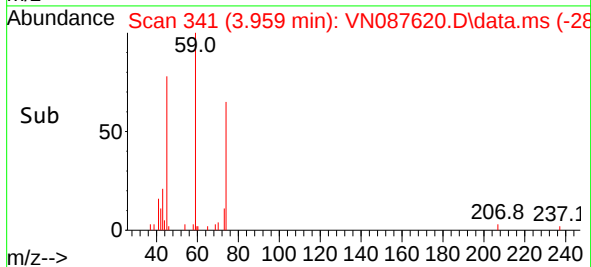
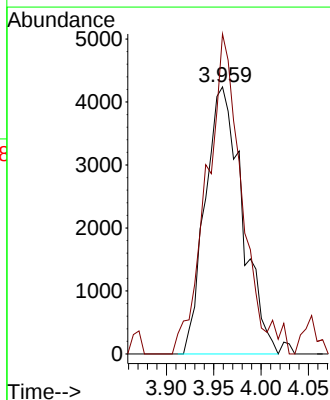
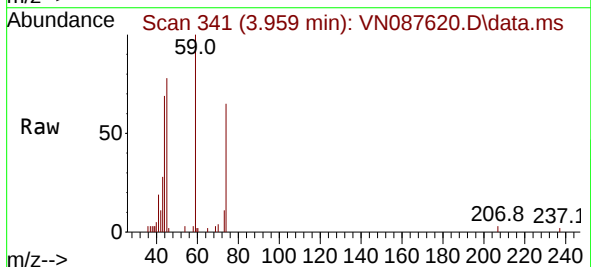
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#8
 Diethyl Ether
 Concen: 4.635 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087620.D
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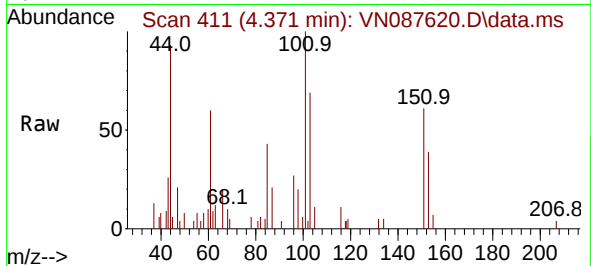
Tgt Ion: 74 Resp: 11532
 Ion Ratio Lower Upper
 74 100
 45 110.0 50.6 151.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.619 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

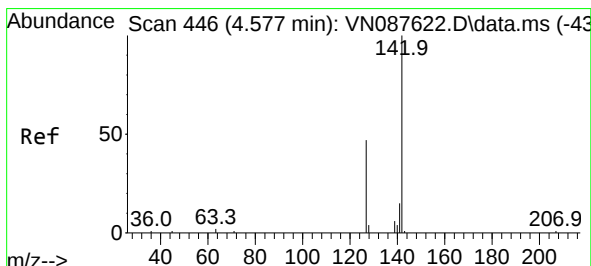
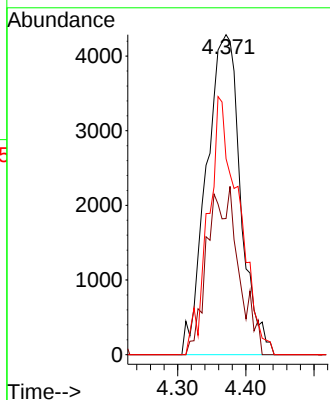
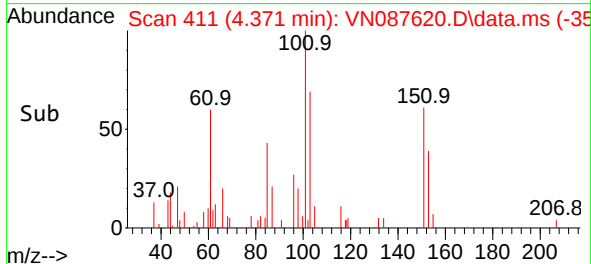
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



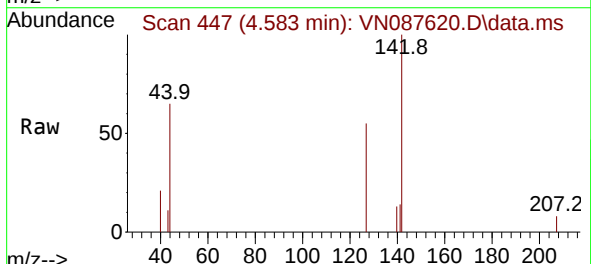
Tgt Ion:101 Resp: 14929
Ion Ratio Lower Upper
101 100
85 25.1 36.6 55.0
151 72.2 54.7 82.1

Manual Integrations
APPROVED

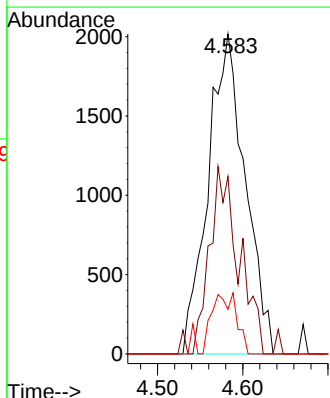
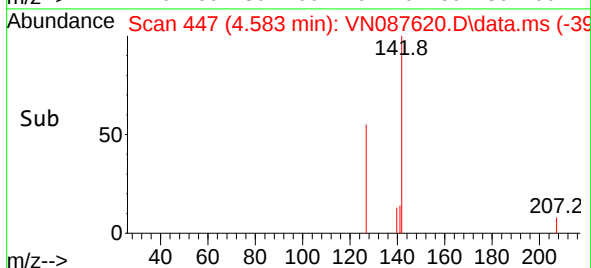
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

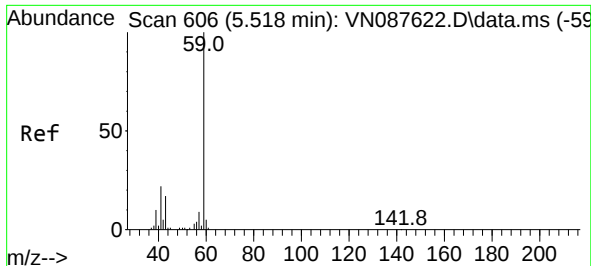


#10
Methyl Iodide
Concen: 8.995 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08



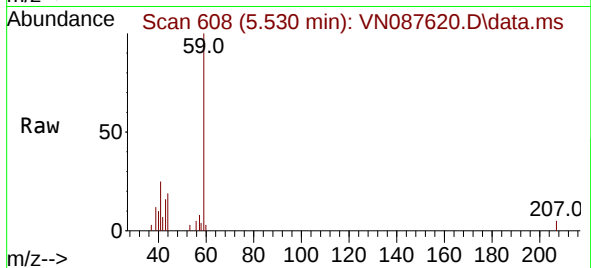
Tgt Ion:142 Resp: 6109
Ion Ratio Lower Upper
142 100
127 55.4 38.0 57.0
141 13.9 12.0 18.0





#11
Tert butyl alcohol
Concen: 23.954 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

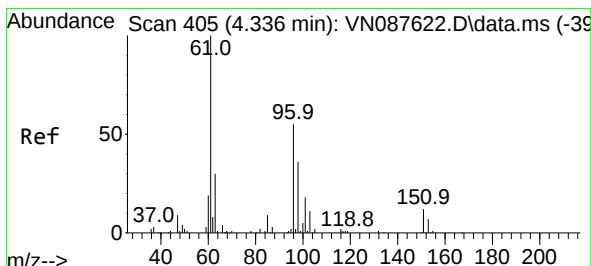
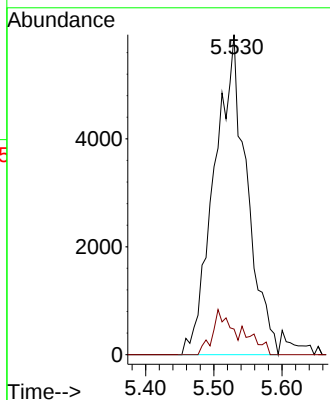
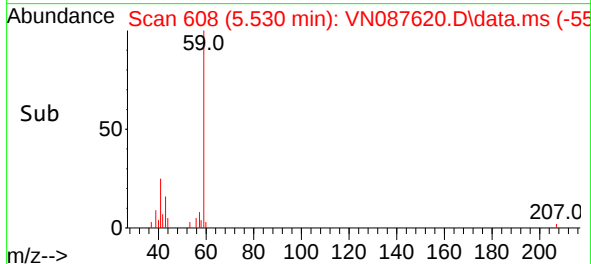
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



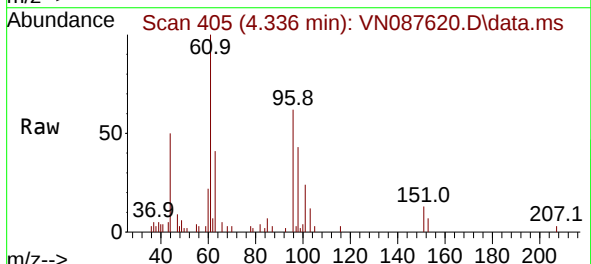
Tgt Ion: 59 Resp: 19630
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4

Manual Integrations
APPROVED

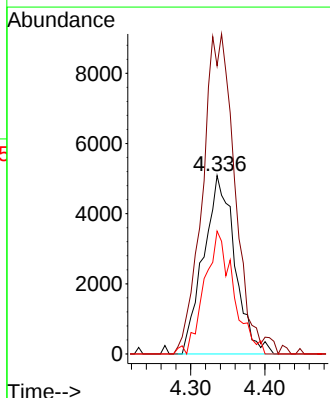
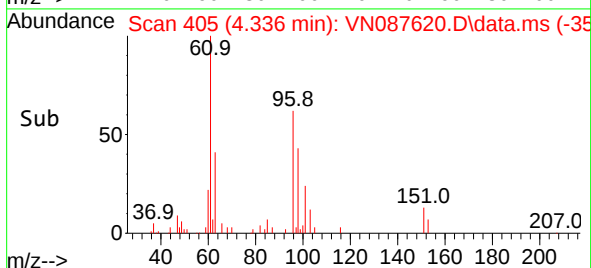
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

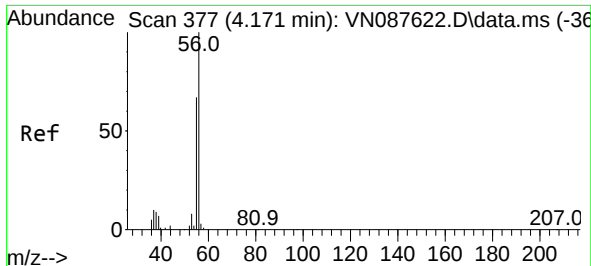


#12
1,1-Dichloroethene
Concen: 4.501 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08



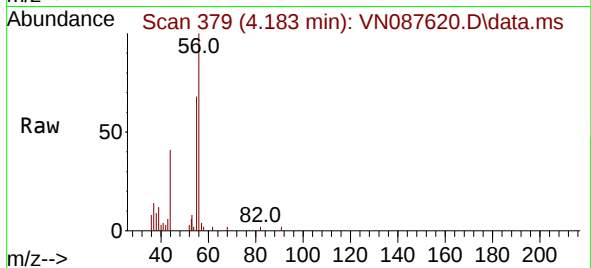
Tgt Ion: 96 Resp: 14950
Ion Ratio Lower Upper
96 100
61 161.5 143.8 215.8
98 68.8 52.1 78.1





#13
Acrolein
Concen: 28.704 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

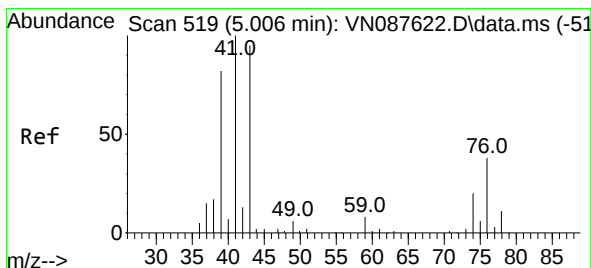
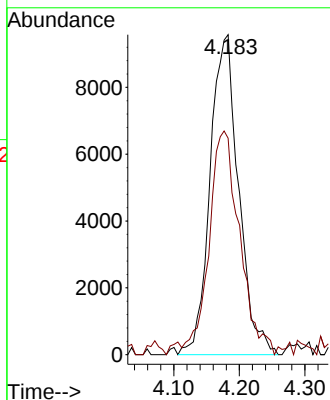
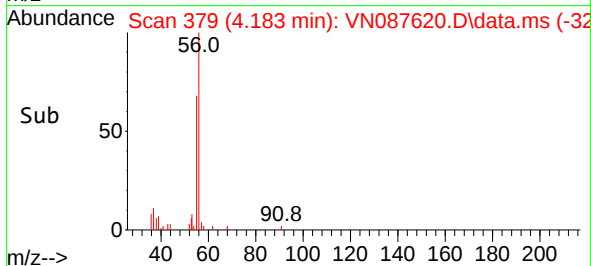
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



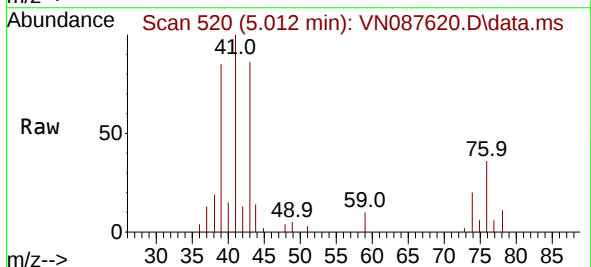
Tgt Ion: 56 Resp: 28918
Ion Ratio Lower Upper
56 100
55 74.8 57.3 85.9

Manual Integrations
APPROVED

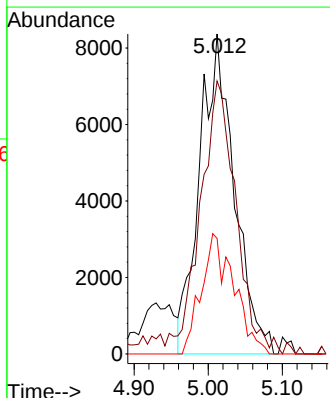
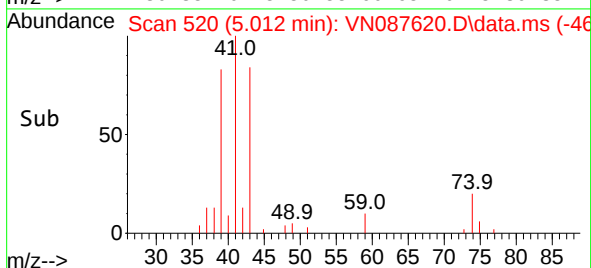
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#14
Allyl chloride
Concen: 4.532 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08



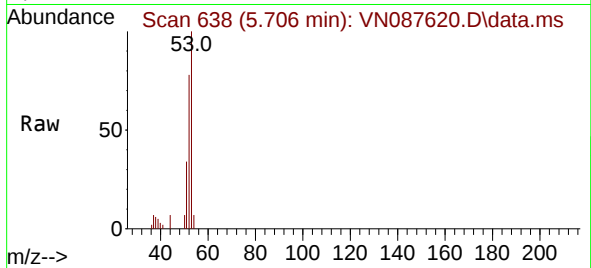
Tgt Ion: 41 Resp: 27277
Ion Ratio Lower Upper
41 100
39 87.2 63.9 95.9
76 35.4 28.1 42.1





#15
Acrylonitrile
Concen: 23.209 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

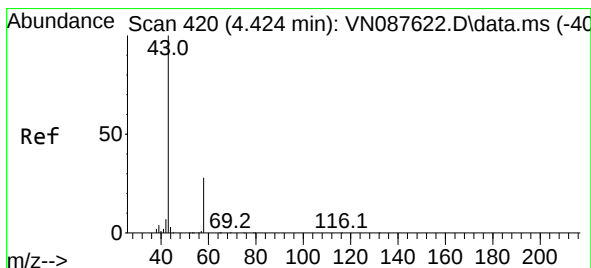
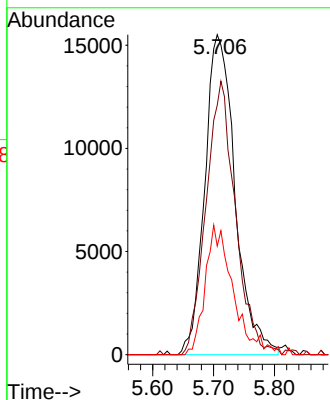
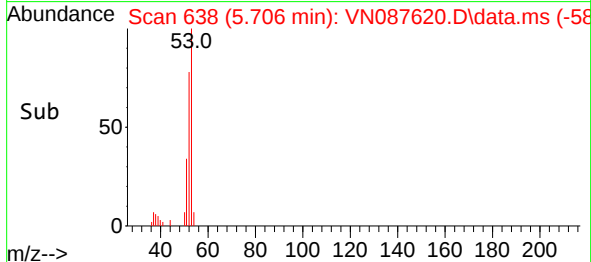
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 53640
Ion Ratio Lower Upper
53 100
52 82.7 67.6 101.4
51 37.5 30.1 45.1

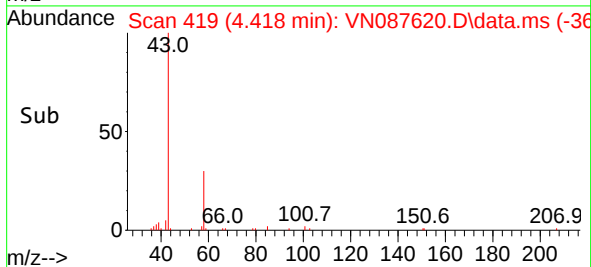
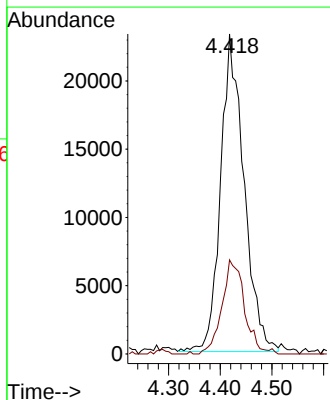
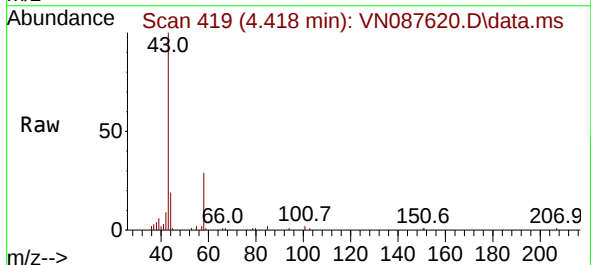
Manual Integrations
APPROVED

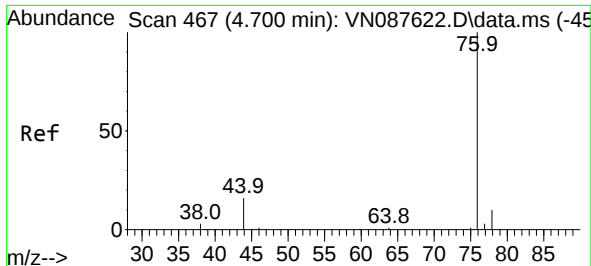
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#16
Acetone
Concen: 28.418 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion: 43 Resp: 73025
Ion Ratio Lower Upper
43 100
58 29.6 22.6 33.8





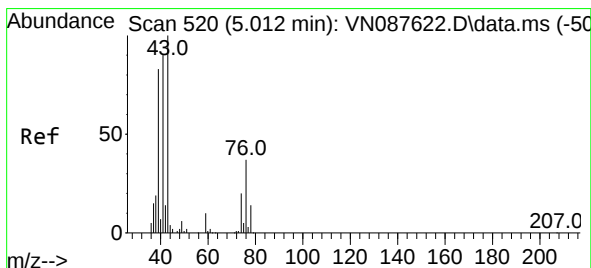
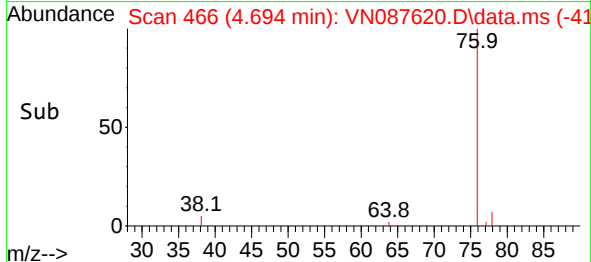
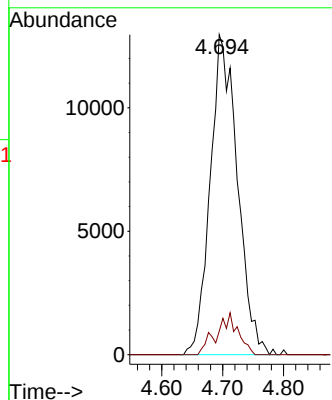
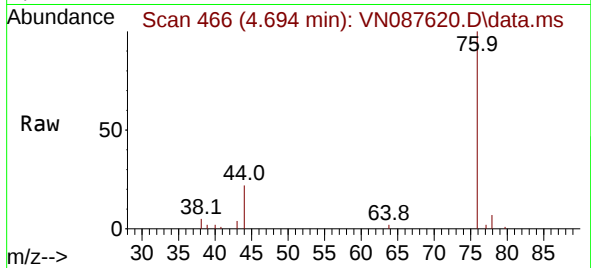
#17
Carbon Disulfide
Concen: 4.399 ug/l
RT: 4.694 min Scan# 4022
Delta R.T. -0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 4022
Ion Ratio Lower Upper
76 100
78 7.3 7.6 11.4

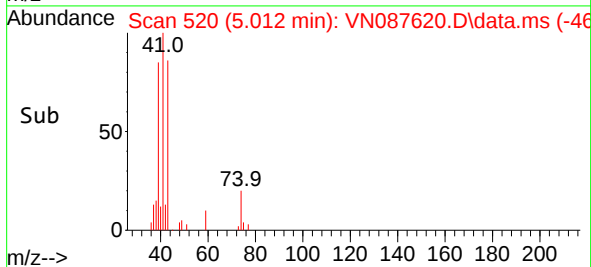
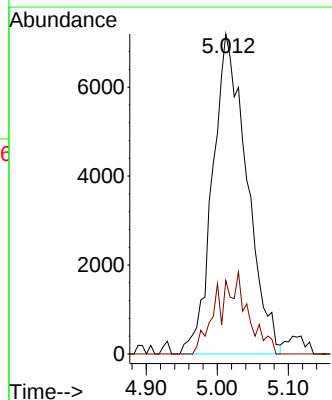
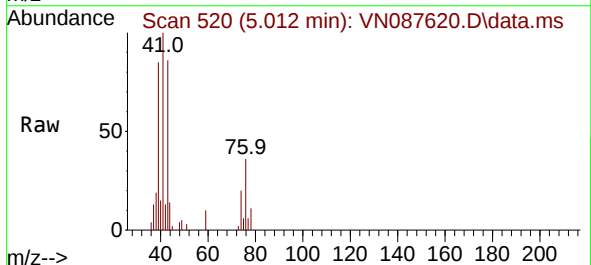
Manual Integrations
APPROVED

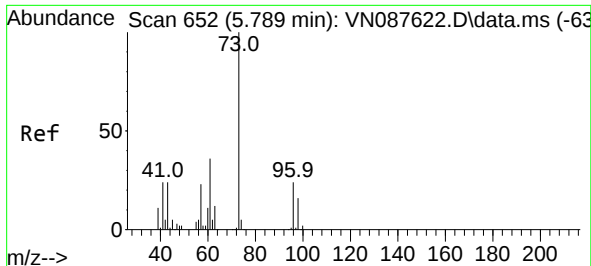
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 4.468 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion: 43 Resp: 24038
Ion Ratio Lower Upper
43 100
74 3.3 17.6 26.4





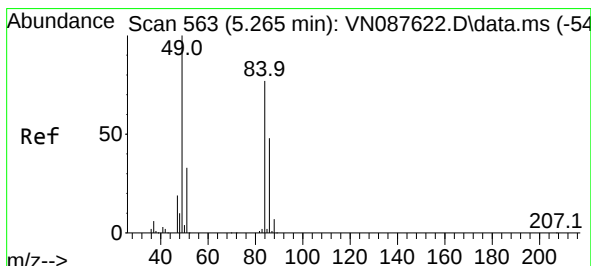
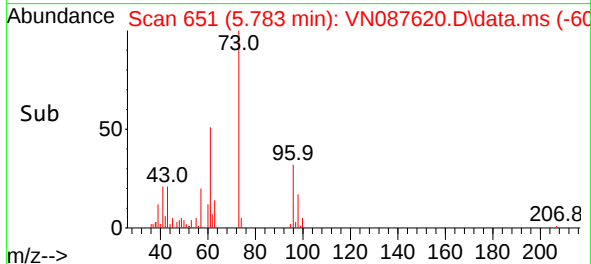
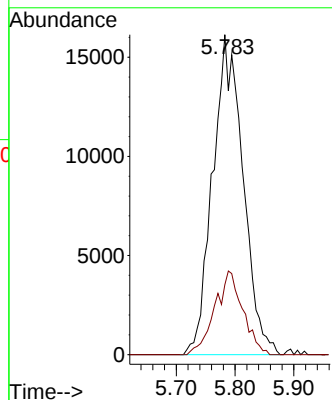
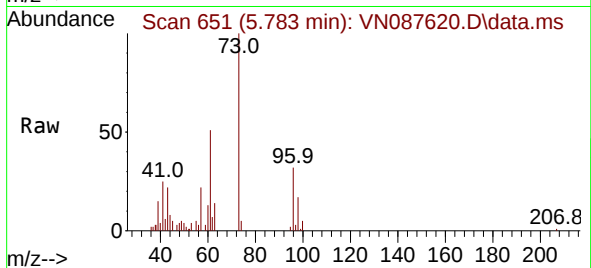
#19
Methyl tert-butyl Ether
Concen: 4.637 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 5778
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6

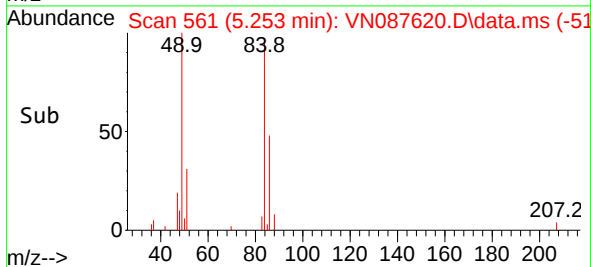
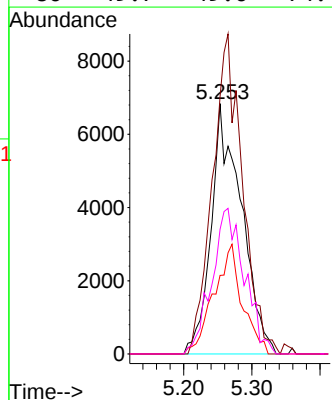
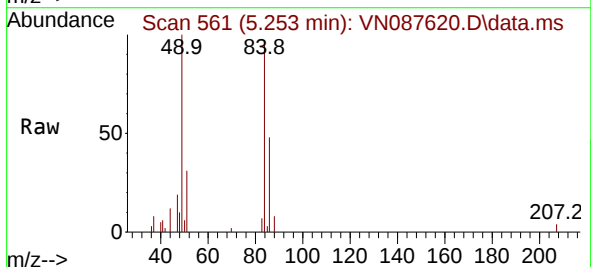
Manual Integrations
APPROVED

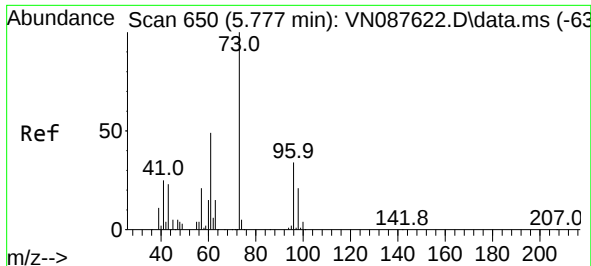
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#20
Methylene Chloride
Concen: 4.549 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.012 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

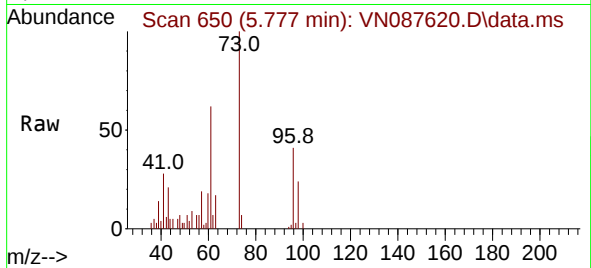
Tgt Ion: 84 Resp: 21101
Ion Ratio Lower Upper
84 100
49 102.7 103.4 155.2#
51 31.4 33.8 50.8#
86 49.7 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 4.701 ug/l
RT: 5.777 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

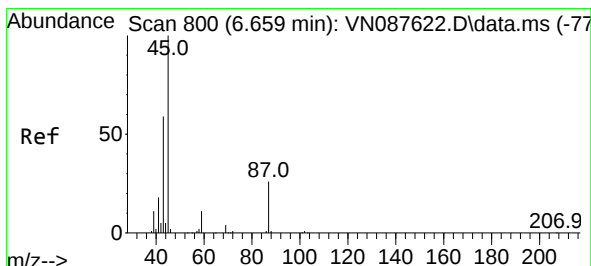
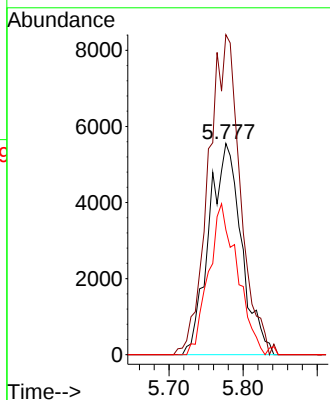
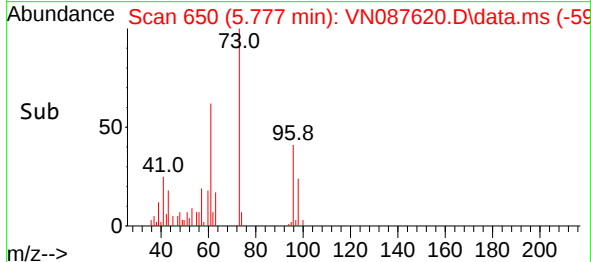
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



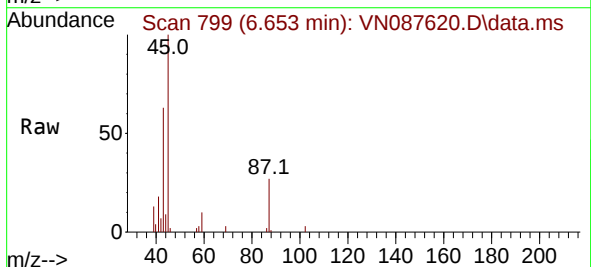
Tgt Ion: 96 Resp: 1692
Ion Ratio Lower Upper
96 100
61 151.5 118.0 177.0
98 59.1 50.0 75.0

Manual Integrations
APPROVED

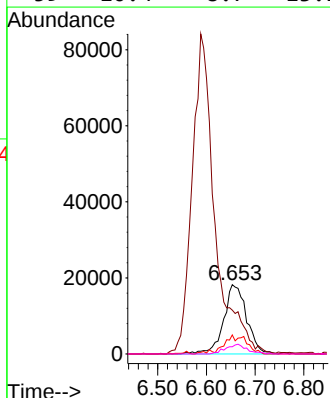
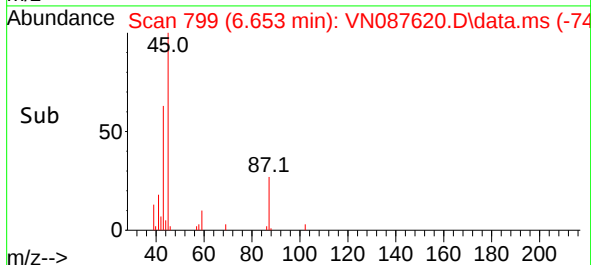
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

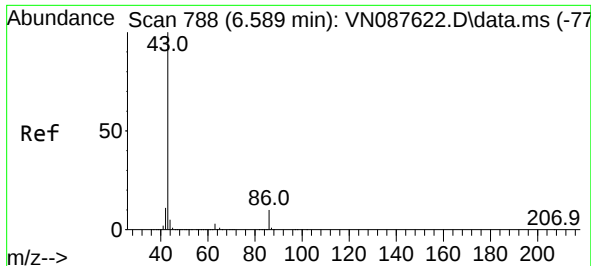


#22
Diisopropyl ether
Concen: 4.596 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08



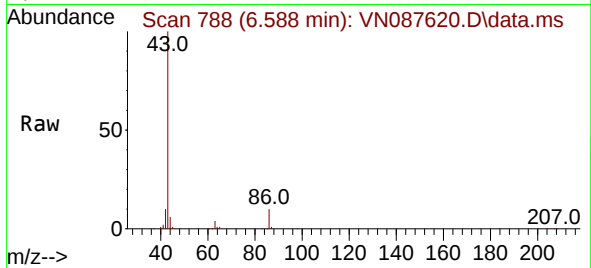
Tgt Ion: 45 Resp: 59705
Ion Ratio Lower Upper
45 100
43 60.5 47.7 71.5
87 27.5 21.4 32.0
59 10.4 8.7 13.1





#23
 Vinyl Acetate
 Concen: 23.189 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087620.D
 Acq: 21 Aug 2025 13:08

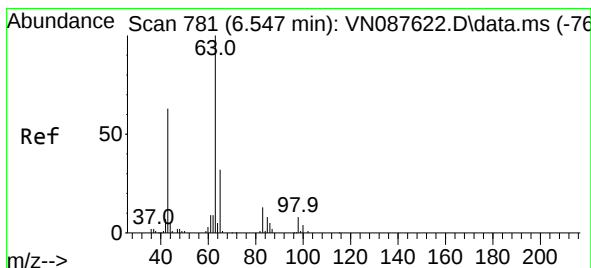
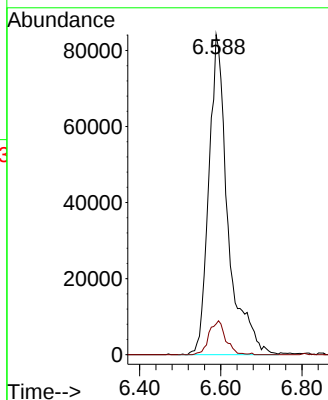
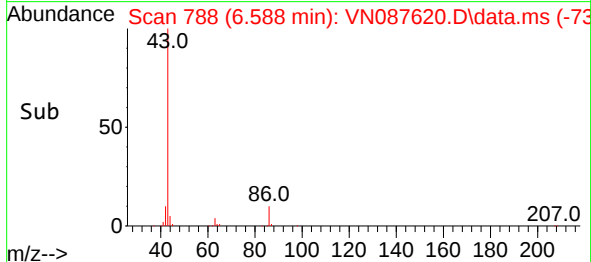
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



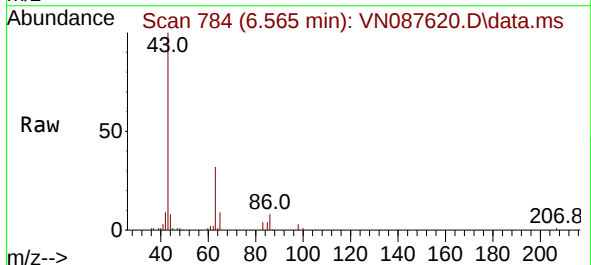
Tgt Ion: 43 Resp: 27404
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4

Manual Integrations
 APPROVED

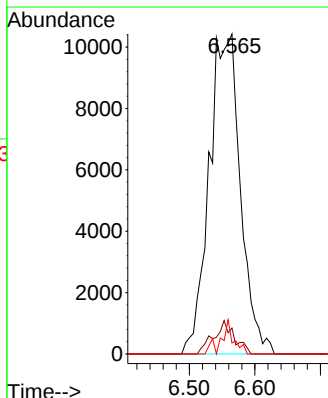
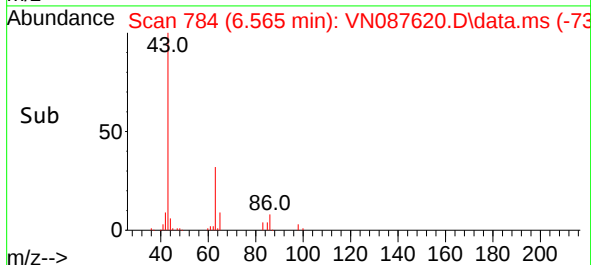
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

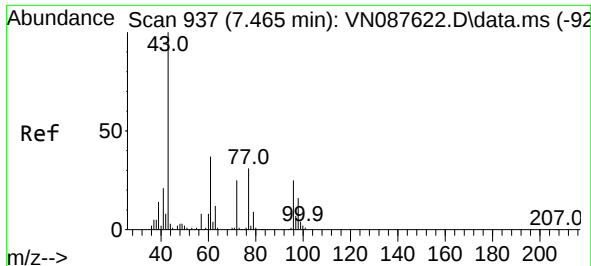


#24
 1,1-Dichloroethane
 Concen: 4.853 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.017 min
 Lab File: VN087620.D
 Acq: 21 Aug 2025 13:08



Tgt Ion: 63 Resp: 34563
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 3.5 2.0 6.0





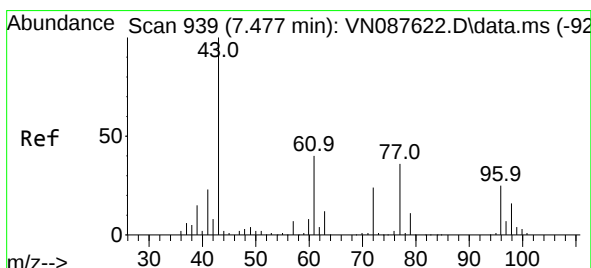
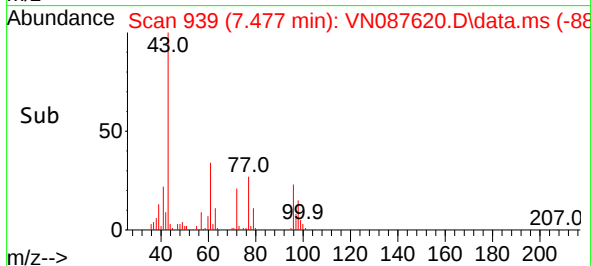
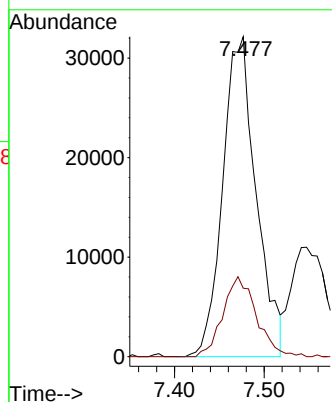
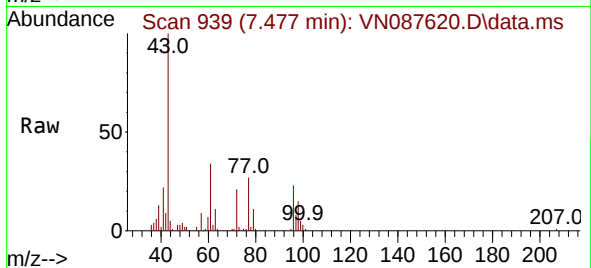
#25
2-Butanone
Concen: 24.607 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 83189
Ion Ratio Lower Upper
43 100
72 21.4 19.9 29.9

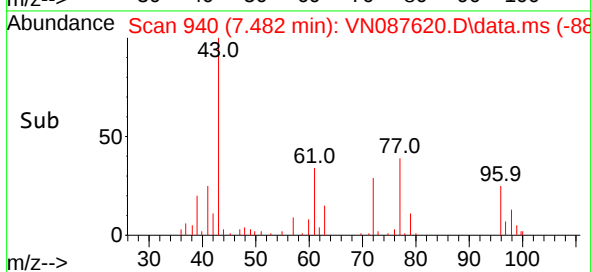
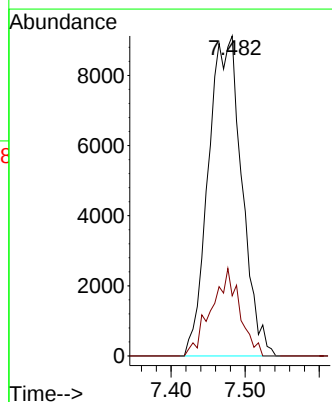
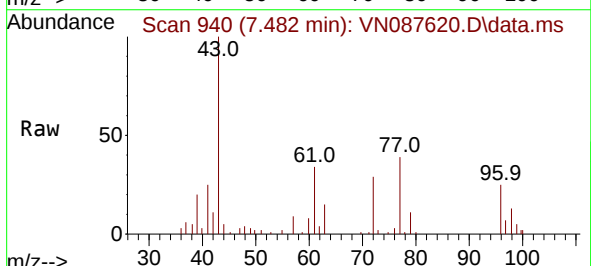
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#26
2,2-Dichloropropane
Concen: 4.685 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

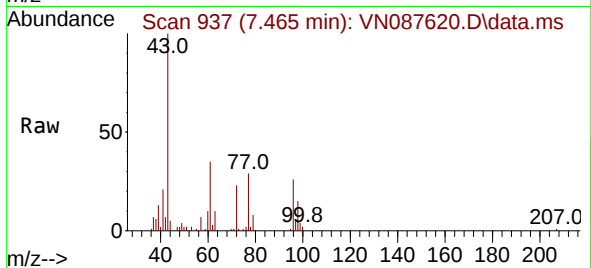
Tgt Ion: 77 Resp: 28641
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 4.904 ug/l
 RT: 7.465 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VN087620.D
 Acq: 21 Aug 2025 13:08

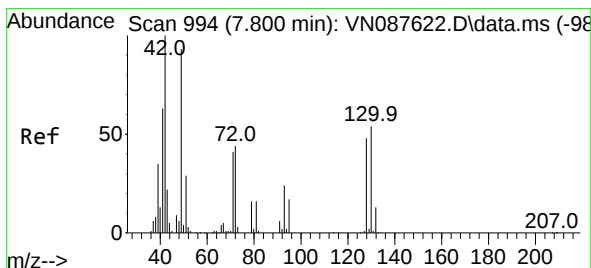
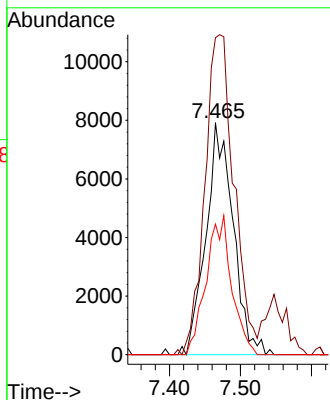
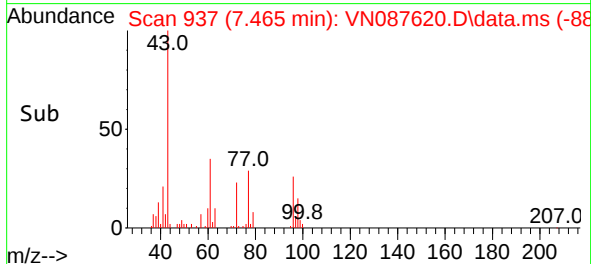
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



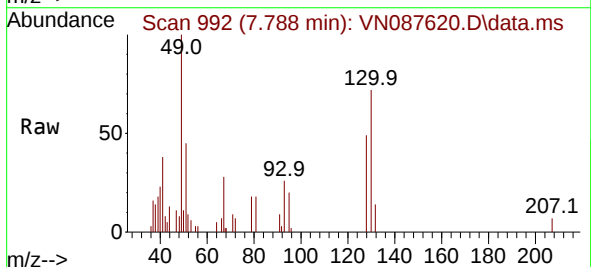
Tgt Ion: 96 Resp: 2110
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 301.8
 98 56.1 0.0 126.2

Manual Integrations
 APPROVED

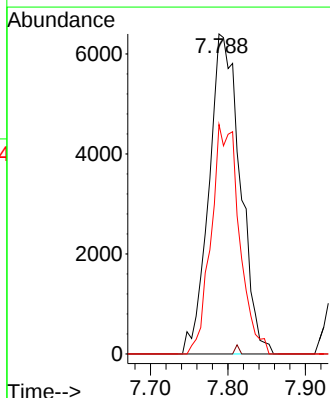
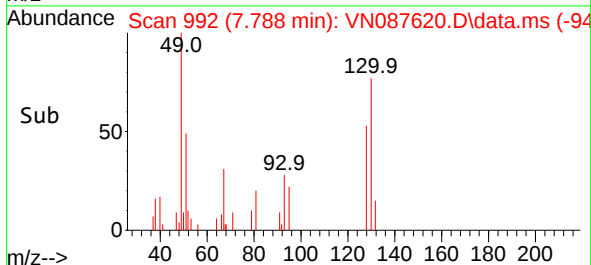
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

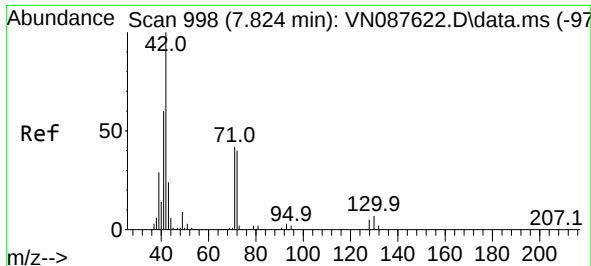


#28
 Bromochloromethane
 Concen: 5.224 ug/l
 RT: 7.788 min Scan# 992
 Delta R.T. -0.012 min
 Lab File: VN087620.D
 Acq: 21 Aug 2025 13:08



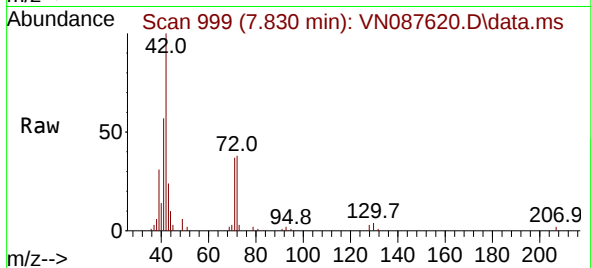
Tgt Ion: 49 Resp: 17986
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.0
 130 64.7 53.1 79.7





#29
Tetrahydrofuran
Concen: 22.890 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

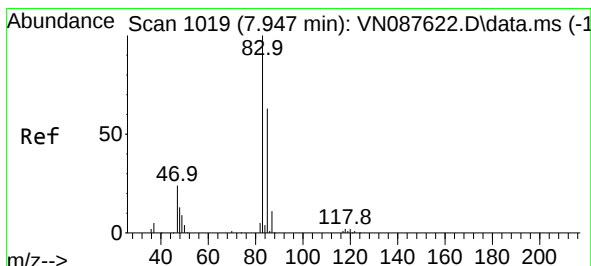
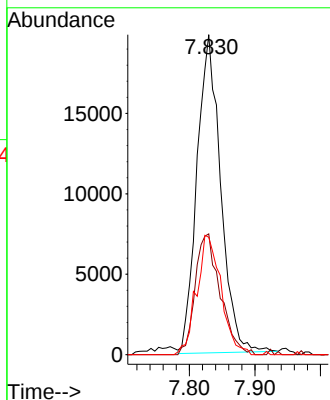
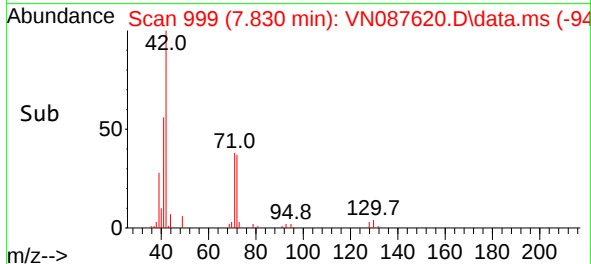
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 42 Resp: 4980
Ion Ratio Lower Upper
42 100
72 40.0 33.7 50.5
71 38.6 31.9 47.9

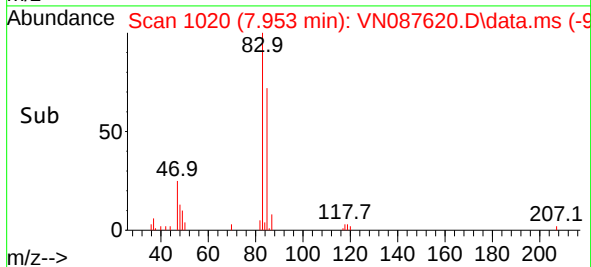
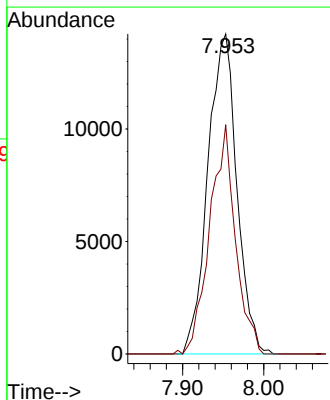
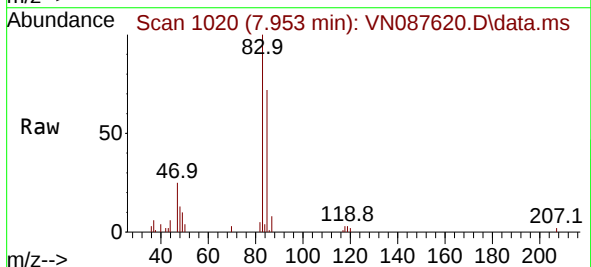
Manual Integrations
APPROVED

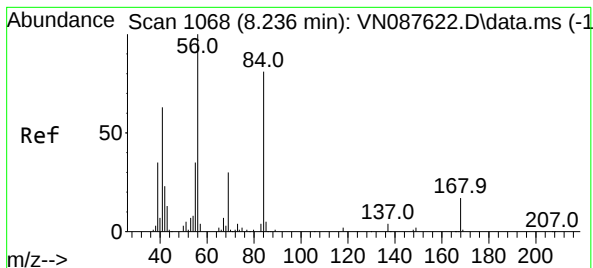
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#30
Chloroform
Concen: 4.865 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion: 83 Resp: 35366
Ion Ratio Lower Upper
83 100
85 71.6 50.7 76.1





#31

Cyclohexane

Concen: 5.783 ug/l

RT: 8.241 min Scan# 1068

Delta R.T. 0.006 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 3433

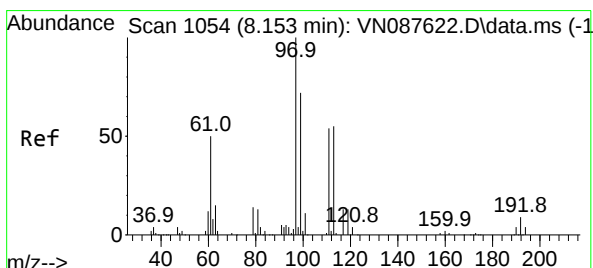
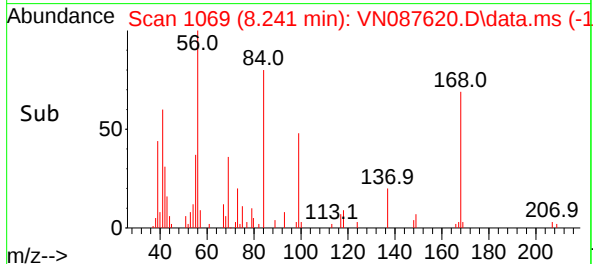
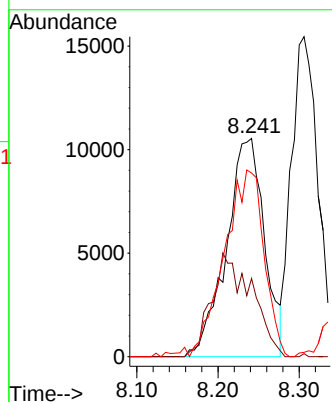
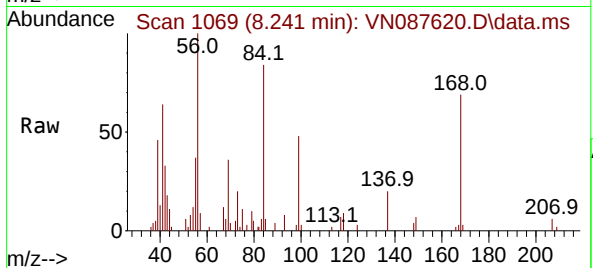
Ion	Ratio	Lower	Upper
56	100		
69	35.9	23.7	35.5
84	82.4	64.7	97.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#32

1,1,1-Trichloroethane

Concen: 4.850 ug/l

RT: 8.147 min Scan# 1053

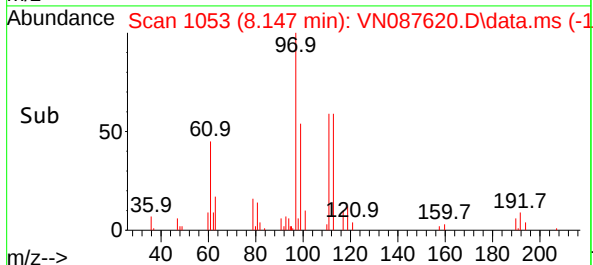
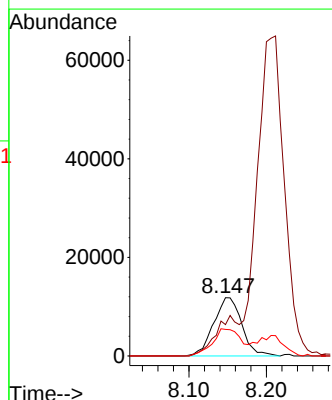
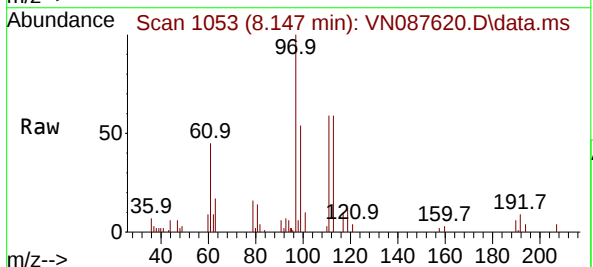
Delta R.T. -0.006 min

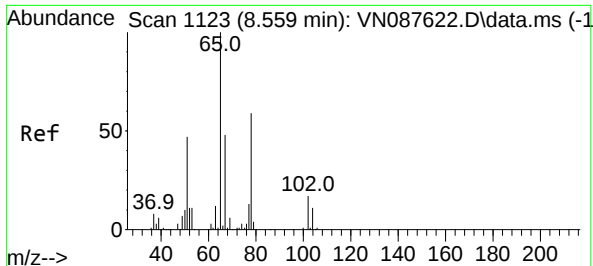
Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Tgt Ion: 97 Resp: 29878

Ion	Ratio	Lower	Upper
97	100		
99	55.5	52.2	78.2
61	46.7	41.2	61.8





#33

1,2-Dichloroethane-d4

Concen: 5.001 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 2360

Ion Ratio Lower Upper

65 100

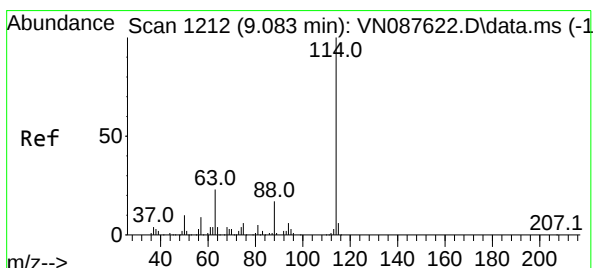
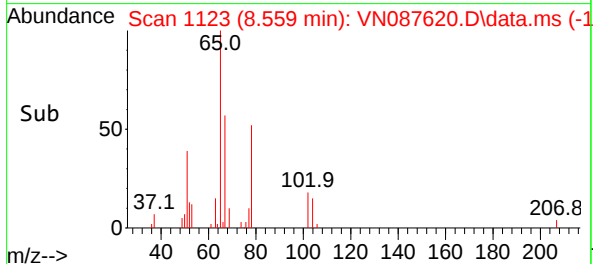
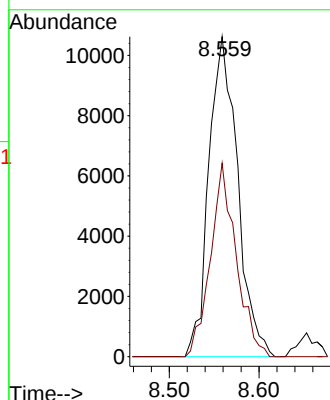
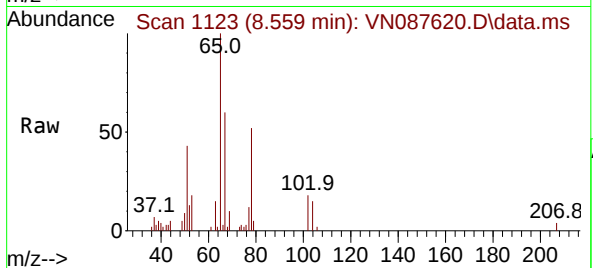
67 54.2 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

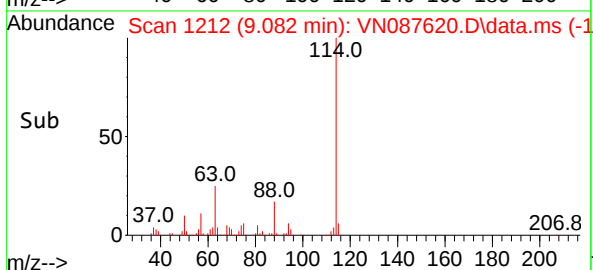
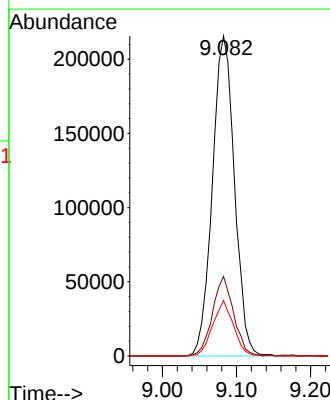
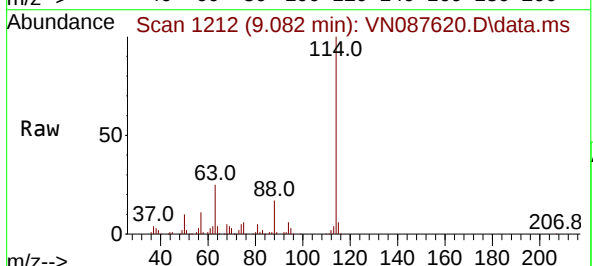
Tgt Ion:114 Resp: 446380

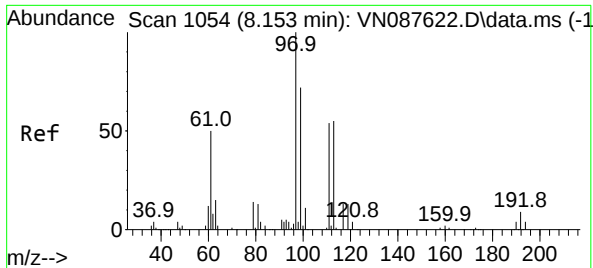
Ion Ratio Lower Upper

114 100

63 24.8 0.0 45.2

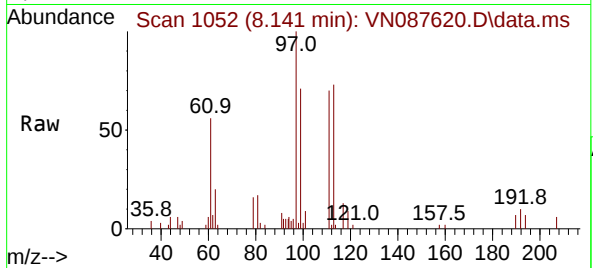
88 17.3 0.0 33.4





#35
Dibromofluoromethane
Concen: 5.105 ug/l
RT: 8.141 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

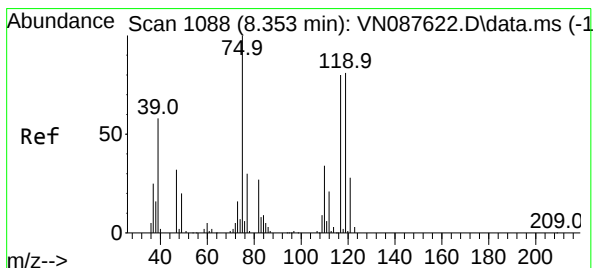
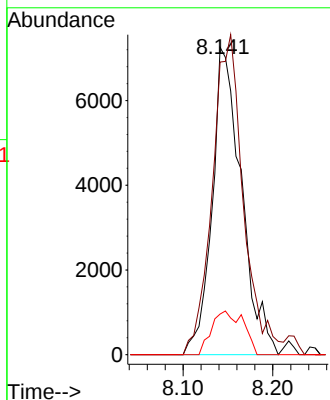
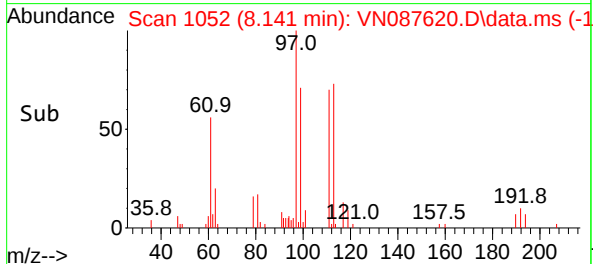
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 16452
Ion Ratio Lower Upper
113 100
111 110.1 82.8 124.2
192 15.3 12.8 19.2

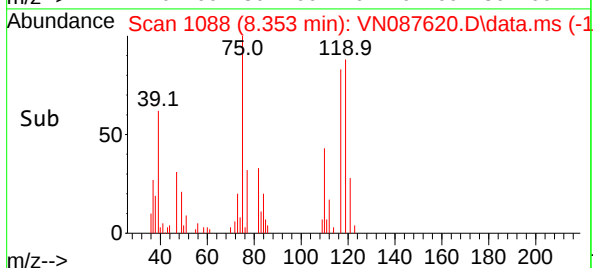
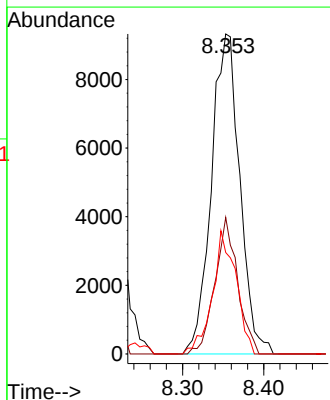
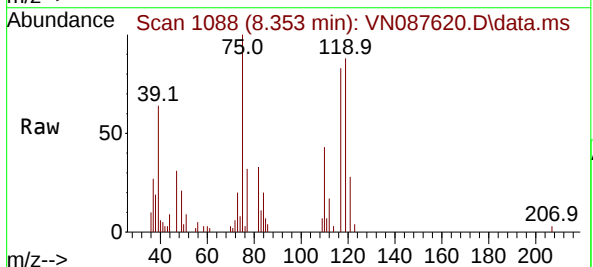
Manual Integrations
APPROVED

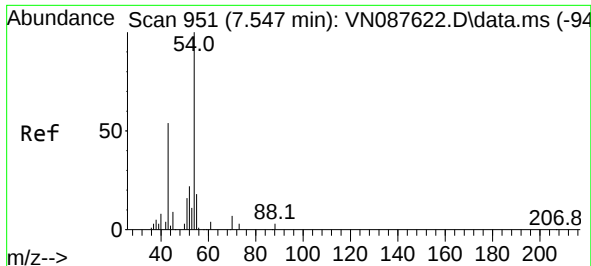
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#36
1,1-Dichloropropene
Concen: 4.591 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

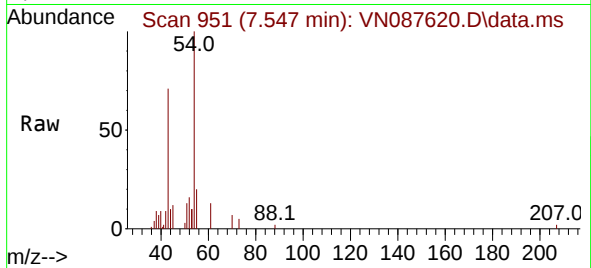
Tgt Ion: 75 Resp: 22697
Ion Ratio Lower Upper
75 100
110 34.1 15.9 47.6
77 32.0 24.4 36.6





#37
Ethyl Acetate
Concen: 4.622 ug/l m
RT: 7.547 min Scan# 951
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

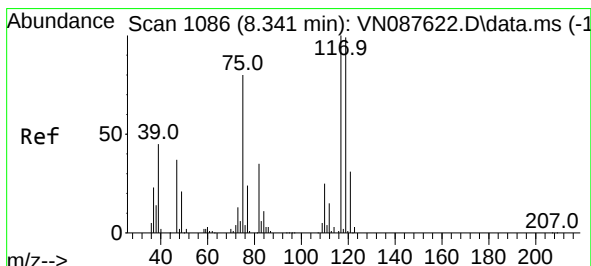
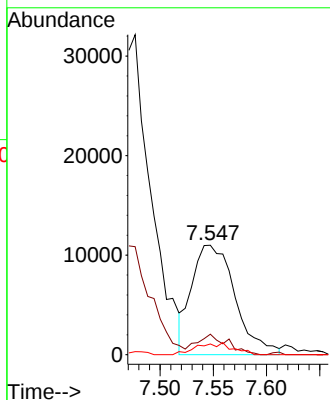
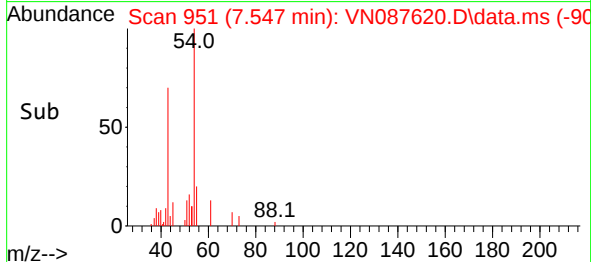
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 31230
Ion Ratio Lower Upper
43 100
61 13.2 9.3 13.9
70 9.0 7.0 10.6

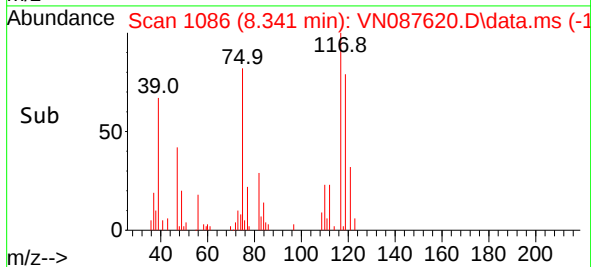
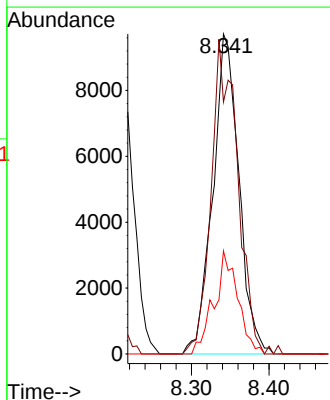
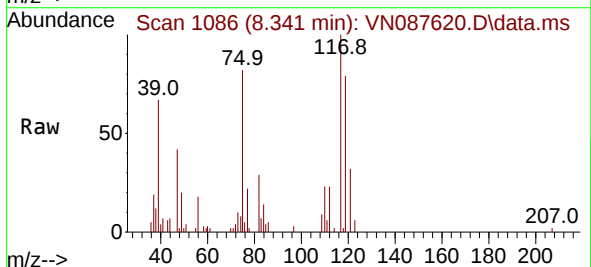
Manual Integrations
APPROVED

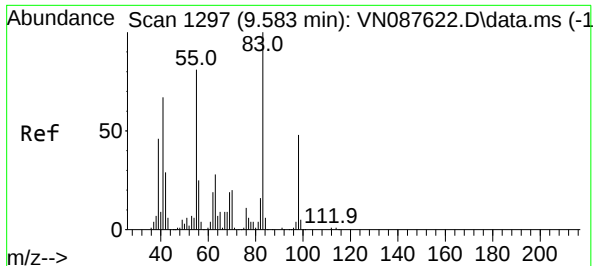
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#38
Carbon Tetrachloride
Concen: 4.653 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion:117 Resp: 22716
Ion Ratio Lower Upper
117 100
119 78.8 79.0 118.6#
121 32.2 25.0 37.6





#39

Methylcyclohexane

Concen: 4.758 ug/l

RT: 9.576 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

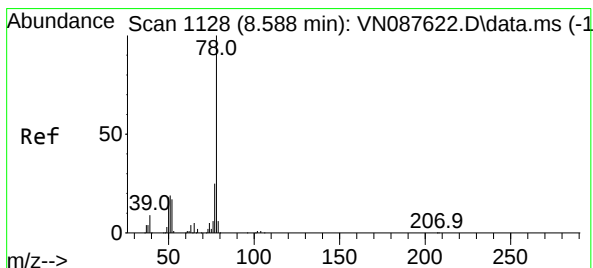
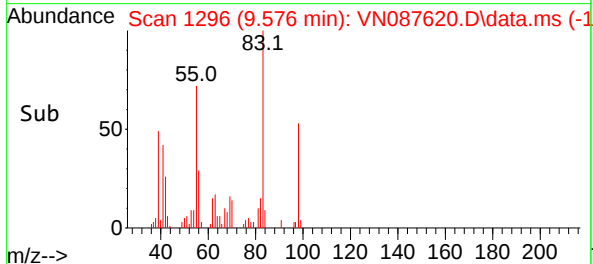
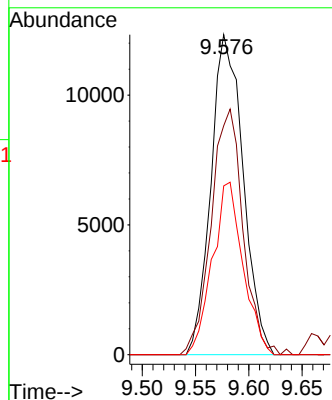
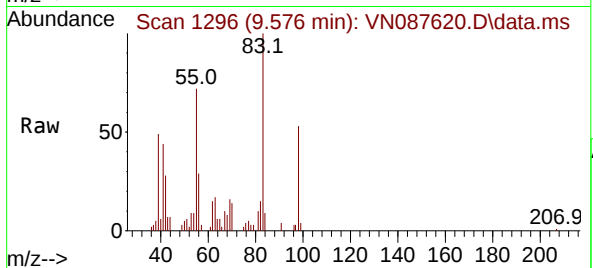
Tgt Ion: 83	Resp: 2590
Ion Ratio	Lower Upper
83 100	
55 71.6	64.6 96.8
98 52.7	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#40

Benzene

Concen: 4.818 ug/l

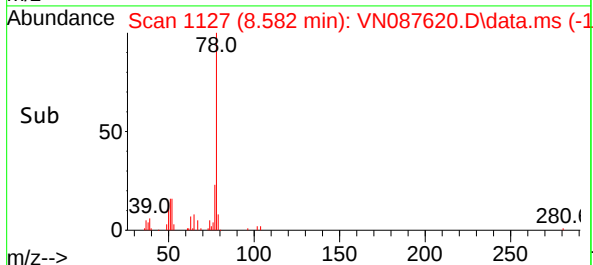
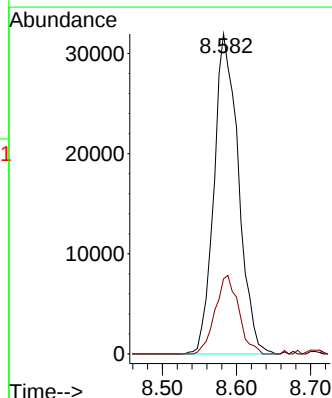
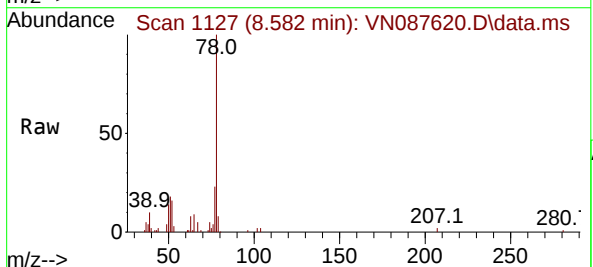
RT: 8.582 min Scan# 1127

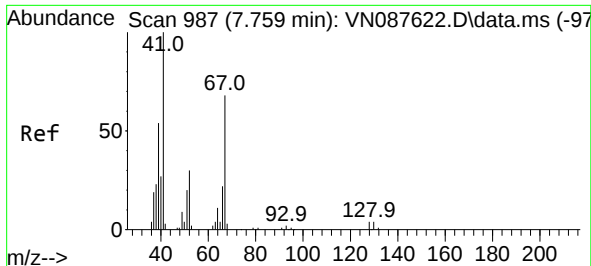
Delta R.T. -0.006 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Tgt Ion: 78	Resp: 73071
Ion Ratio	Lower Upper
78 100	
77 23.5	19.7 29.5





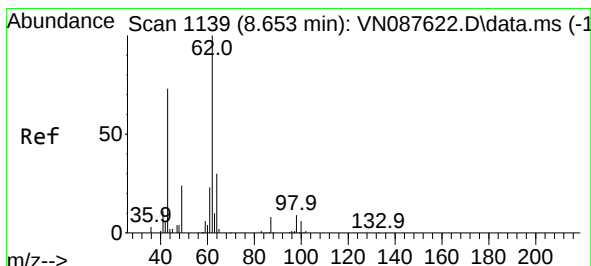
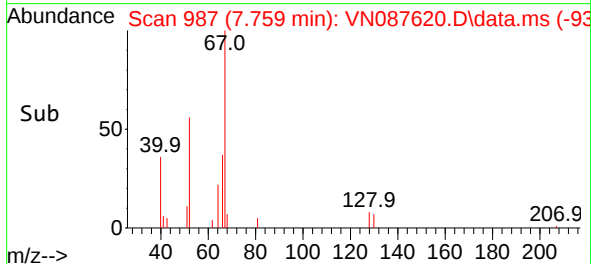
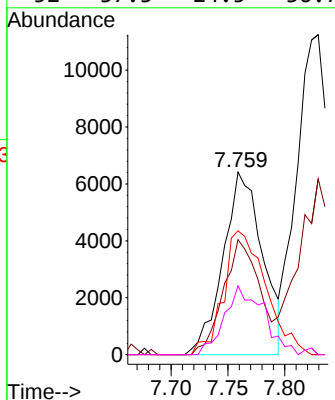
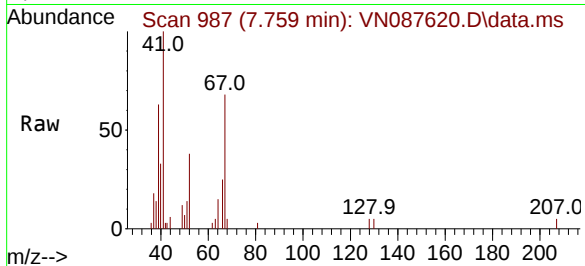
#41
Methacrylonitrile
Concen: 4.419 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	1546
Ion Ratio	Lower	Upper	
41	100		
39	57.1	45.4	68.0
67	73.0	55.3	82.9
52	37.3	24.5	36.7

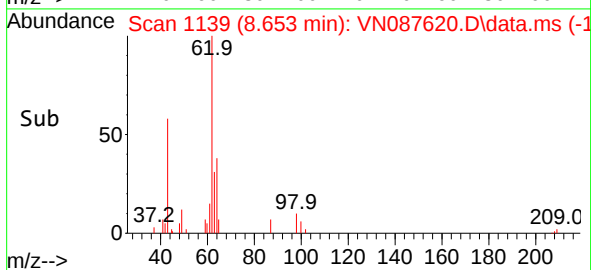
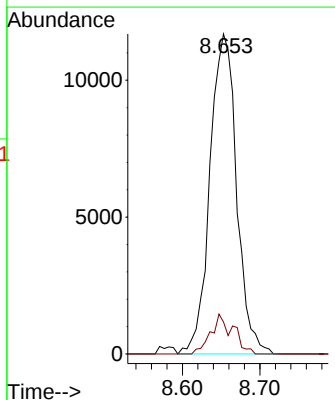
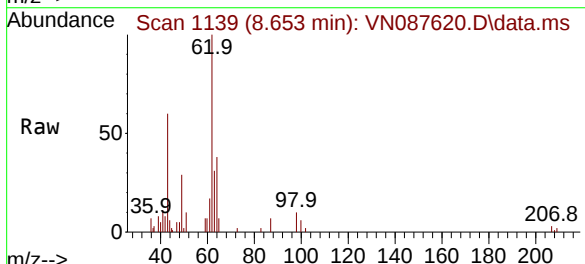
Manual Integrations
APPROVED

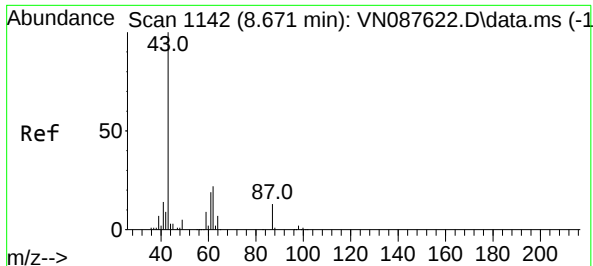
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
1,2-Dichloroethane
Concen: 4.803 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion:	62	Resp:	27989
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	17.4





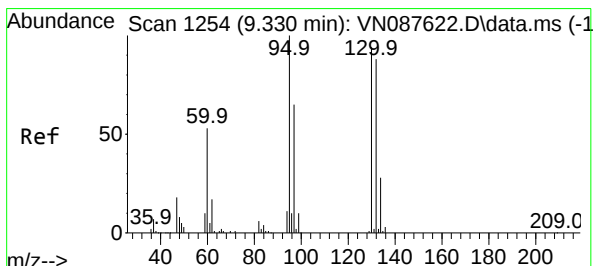
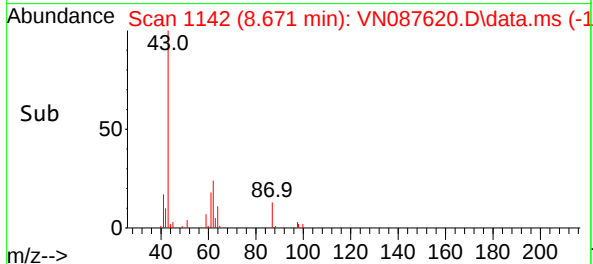
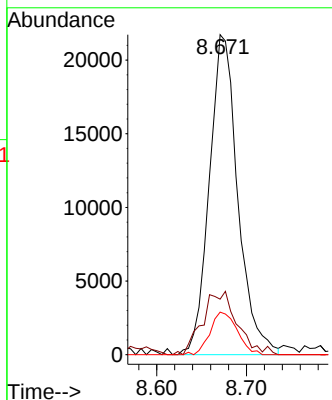
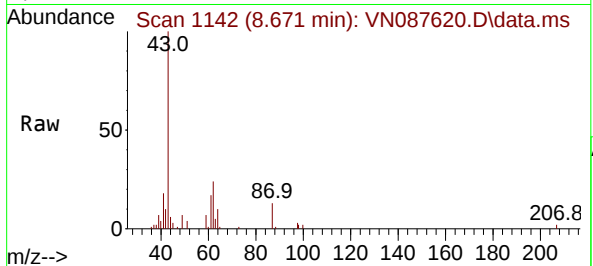
#43
Isopropyl Acetate
Concen: 4.554 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4803
Ion Ratio Lower Upper
43 100
61 24.0 18.8 28.2
87 12.6 9.6 14.4

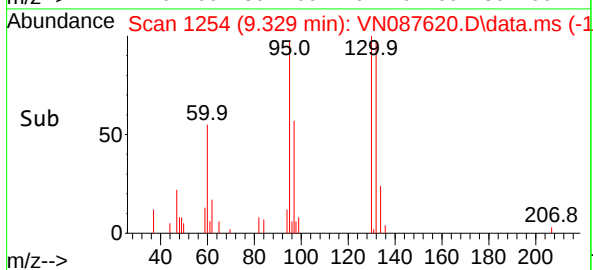
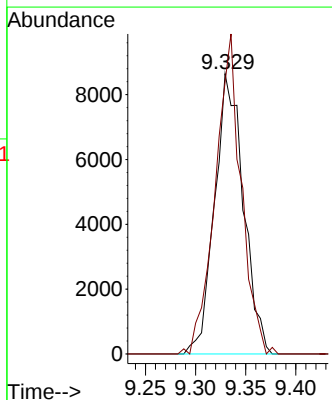
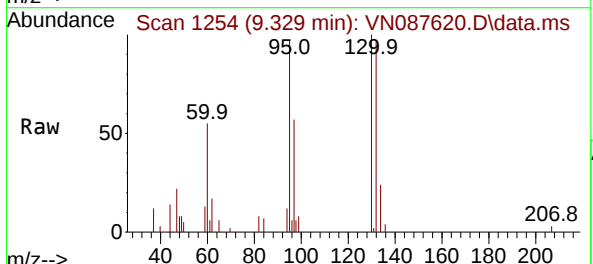
Manual Integrations
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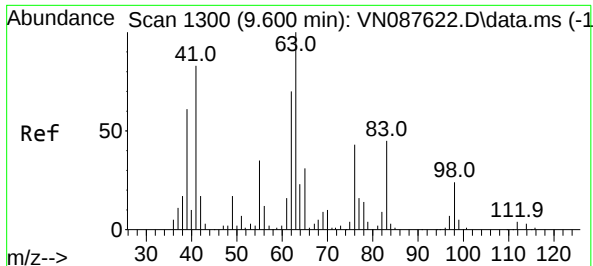
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#44
Trichloroethene
Concen: 4.987 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion:130 Resp: 17267
Ion Ratio Lower Upper
130 100
95 97.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 4.853 ug/l

RT: 9.606 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1939

Ion Ratio Lower Upper

63 100

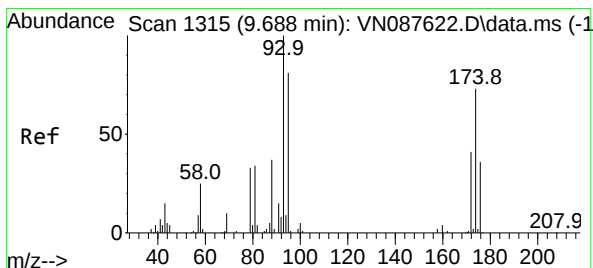
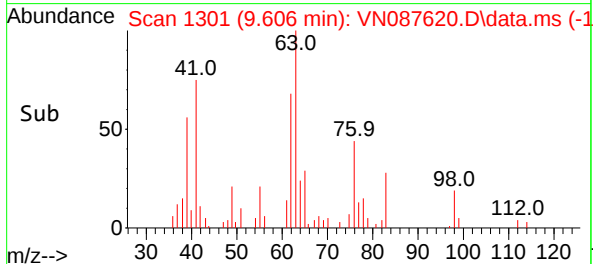
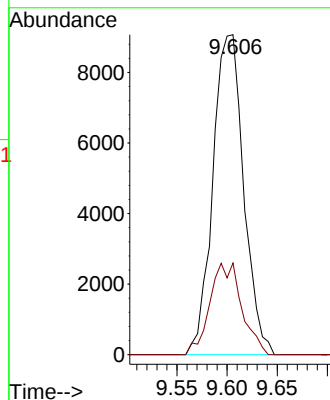
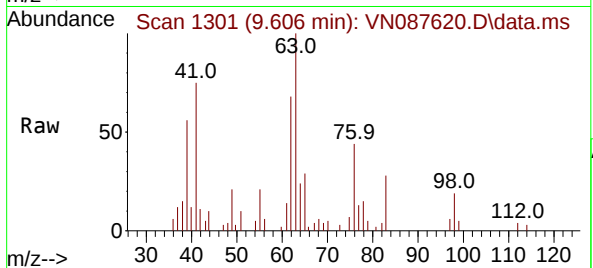
65 28.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#46

Dibromomethane

Concen: 4.611 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

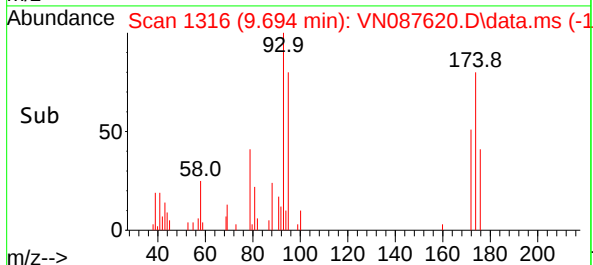
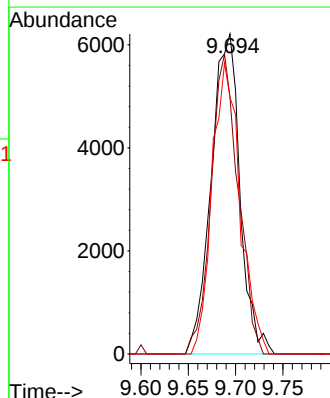
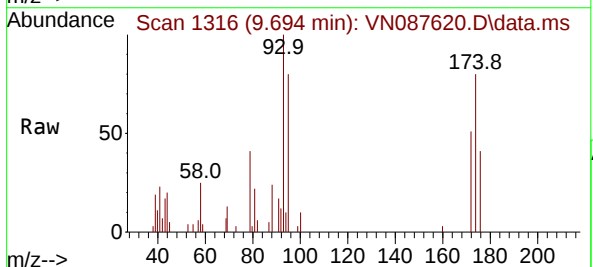
Tgt Ion: 93 Resp: 13115

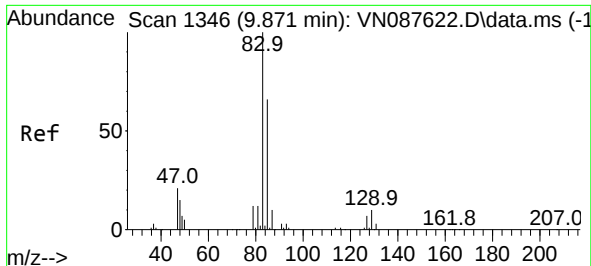
Ion Ratio Lower Upper

93 100

95 88.8 66.2 99.4

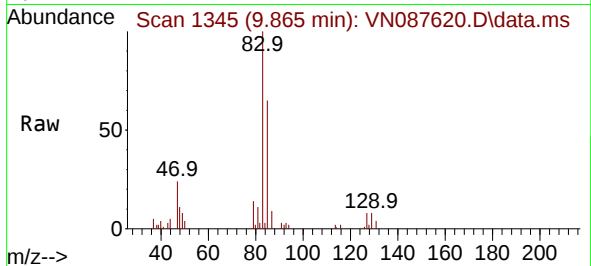
174 88.8 63.4 95.2





#47
Bromodichloromethane
Concen: 4.973 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

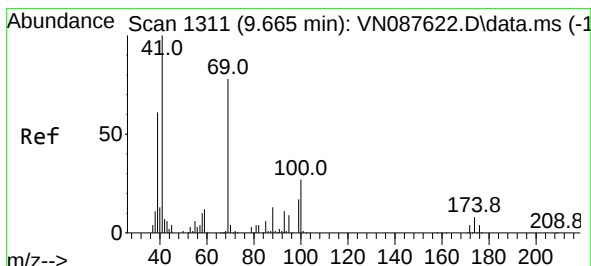
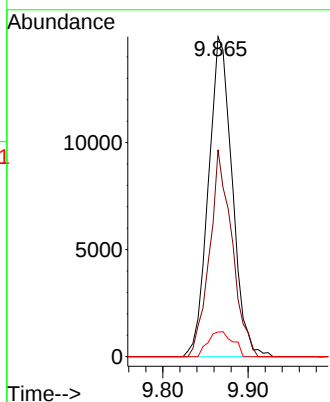
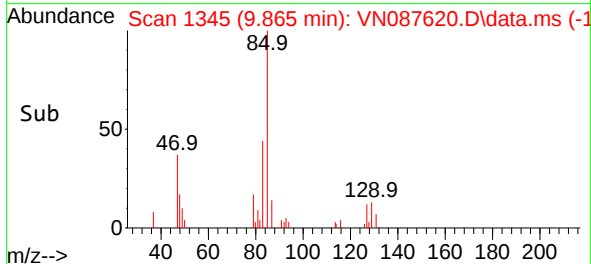
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 28992
Ion Ratio Lower Upper
83 100
85 64.7 52.5 78.7
127 7.7 5.8 8.6

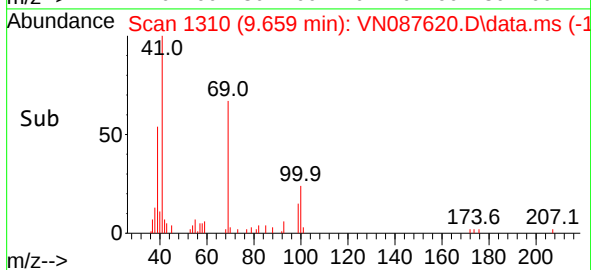
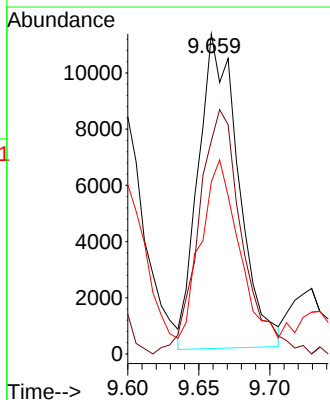
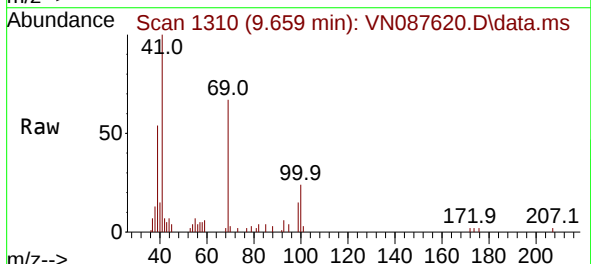
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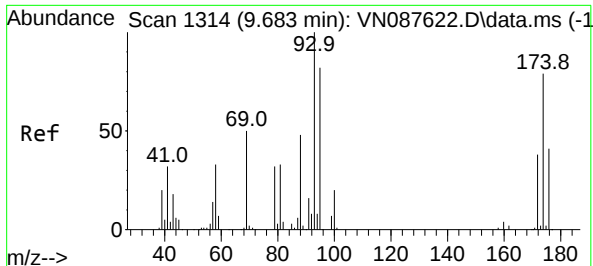
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#48
Methyl methacrylate
Concen: 4.411 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion: 41 Resp: 22006
Ion Ratio Lower Upper
41 100
69 84.4 62.7 94.1
39 62.5 52.9 79.3





#49

1,4-Dioxane

Concen: 94.002 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 6079

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

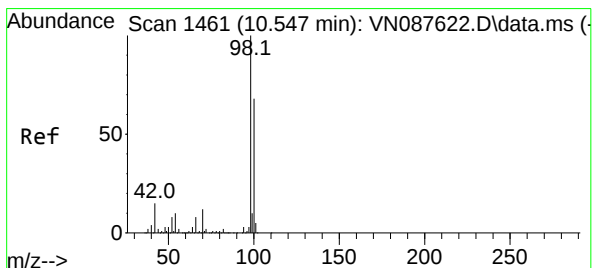
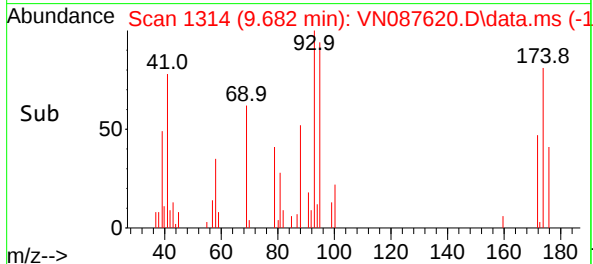
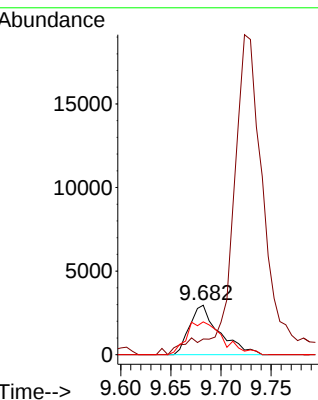
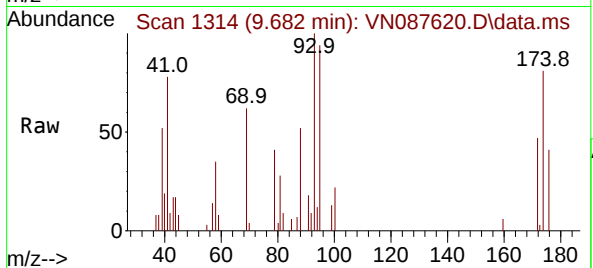
58 81.8 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#50

Toluene-d8

Concen: 5.121 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087620.D

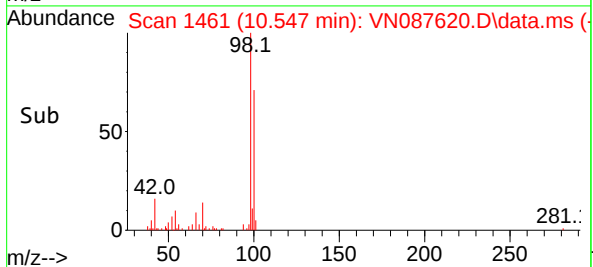
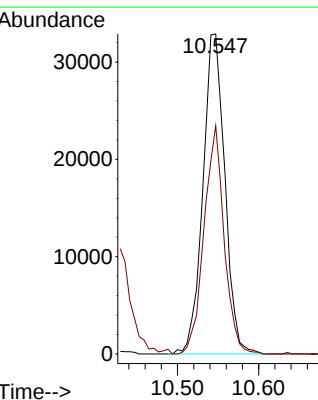
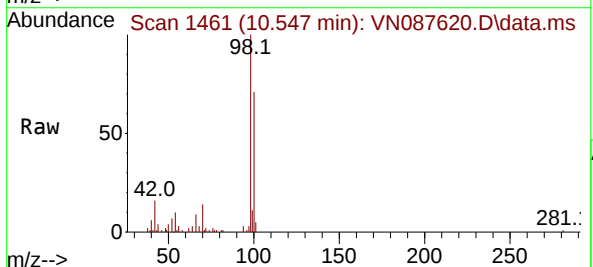
Acq: 21 Aug 2025 13:08

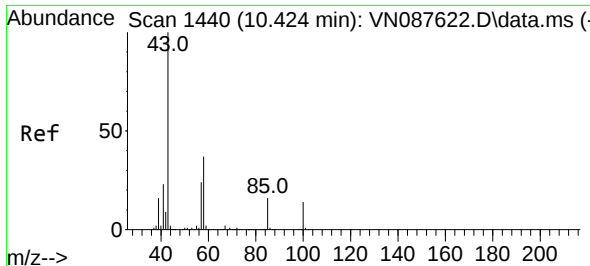
Tgt Ion: 98 Resp: 61777

Ion Ratio Lower Upper

98 100

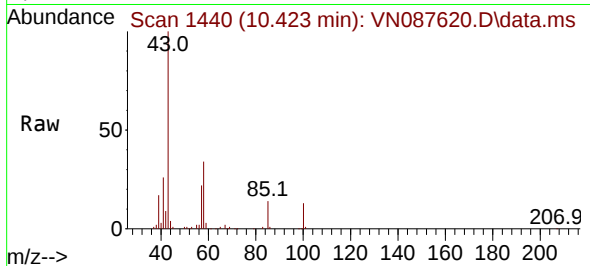
100 65.5 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 23.665 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

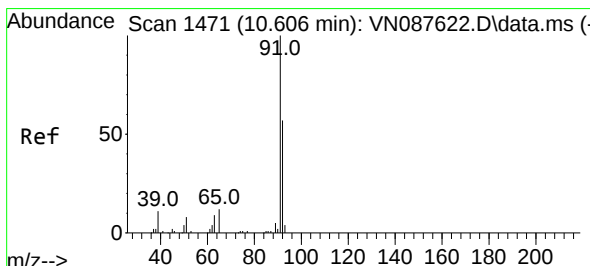
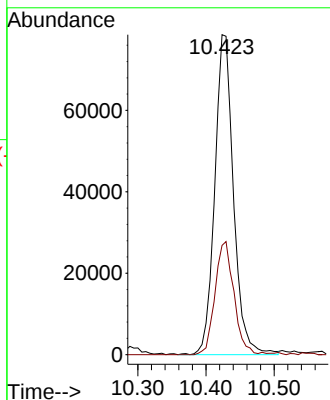
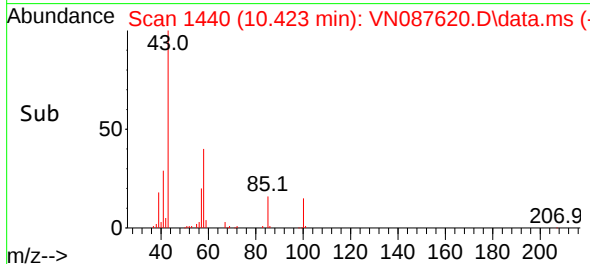
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 150608
Ion Ratio Lower Upper
43 100
58 35.5 29.6 44.4

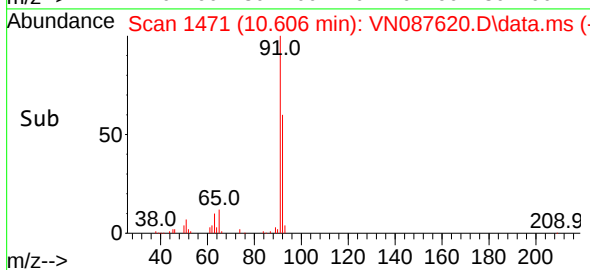
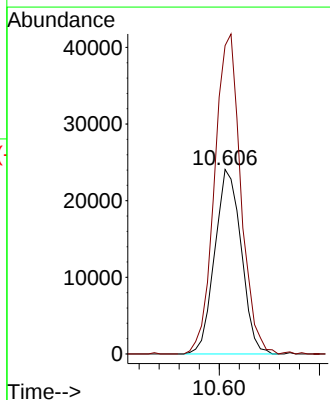
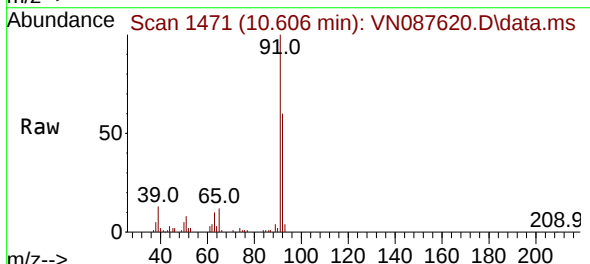
Manual Integrations
APPROVED

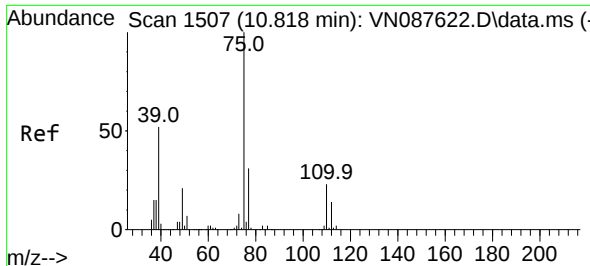
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#52
Toluene
Concen: 4.688 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

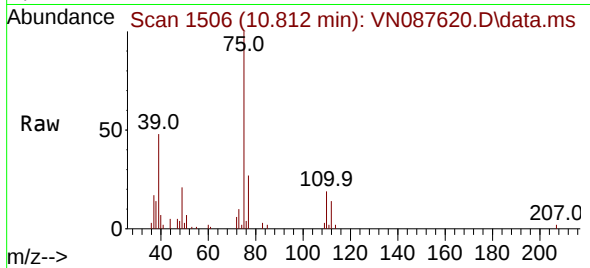
Tgt Ion: 92 Resp: 44071
Ion Ratio Lower Upper
92 100
91 172.4 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 4.647 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

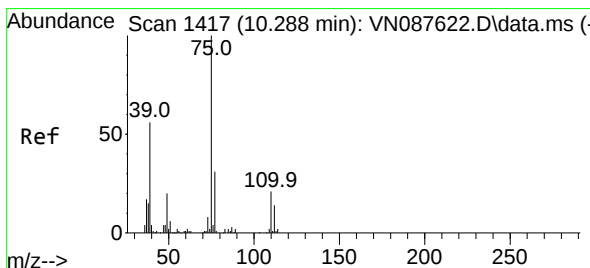
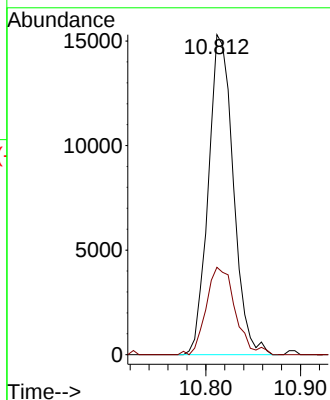
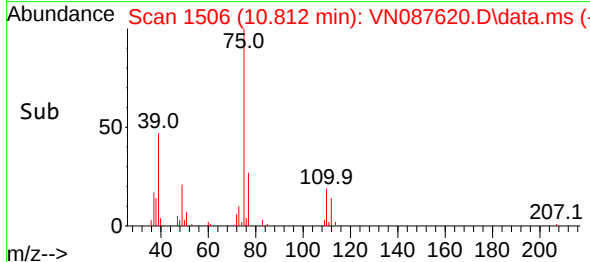
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2804
Ion Ratio Lower Upper
75 100
77 27.3 25.2 37.8

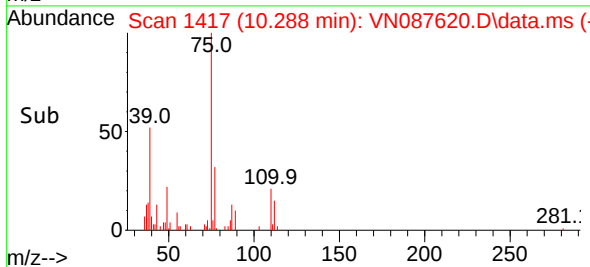
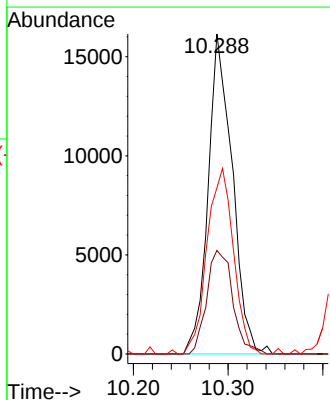
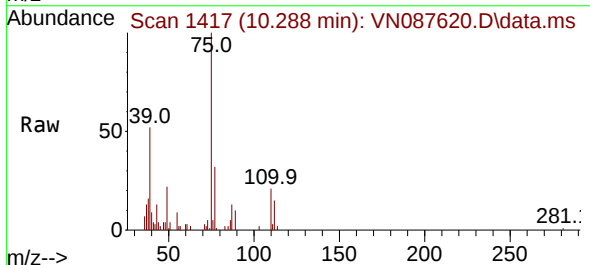
Manual Integrations
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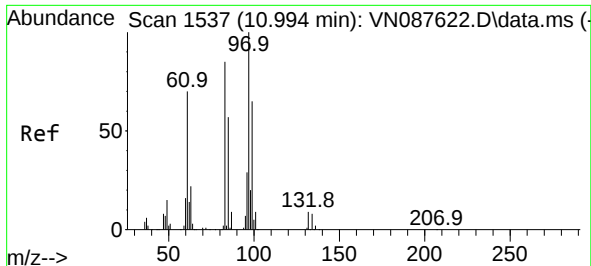
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#54
cis-1,3-Dichloropropene
Concen: 4.561 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

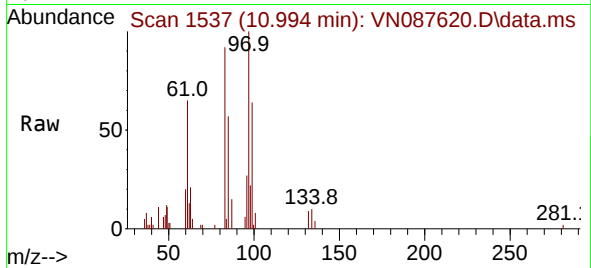
Tgt Ion: 75 Resp: 28580
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0
39 51.9 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 4.703 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

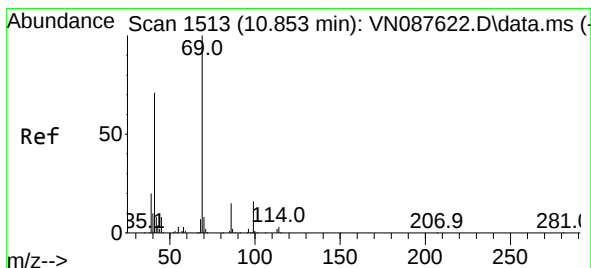
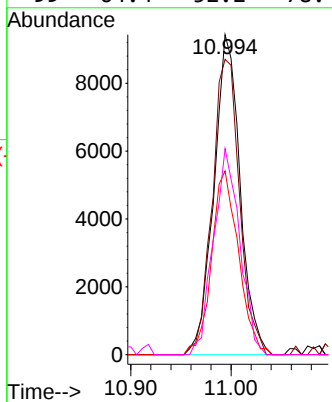
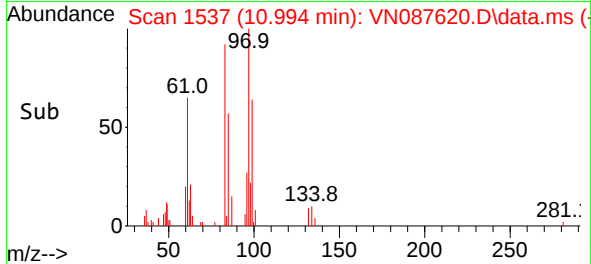
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:	97	Resp:	1710
Ion	Ratio	Lower	Upper
97	100		
83	92.3	68.2	102.4
85	57.4	45.5	68.3
99	64.4	52.2	78.4

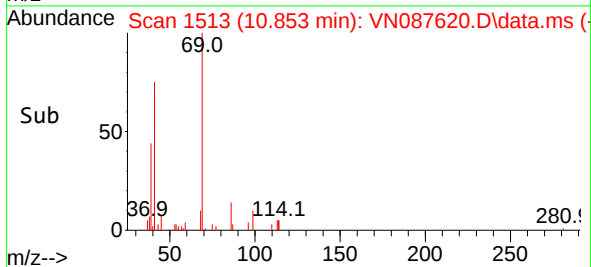
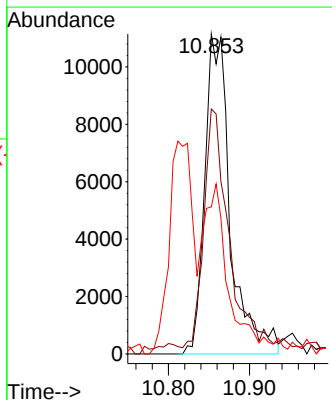
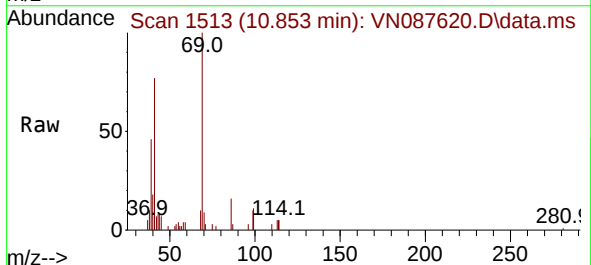
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
Ethyl methacrylate
Concen: 4.194 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

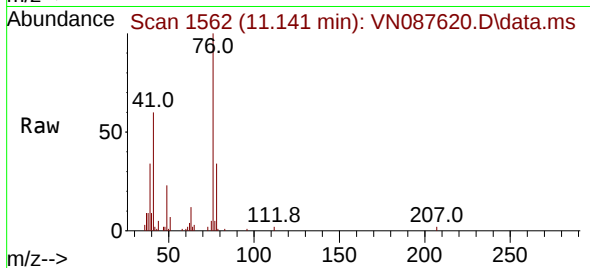
Tgt Ion:	69	Resp:	24379
Ion	Ratio	Lower	Upper
69	100		
41	72.9	56.5	84.7
39	53.6	34.2	51.4





#57
1,3-Dichloropropane
Concen: 4.552 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

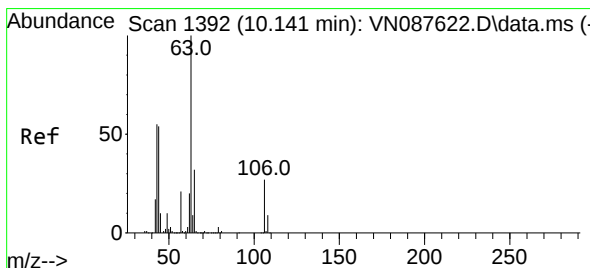
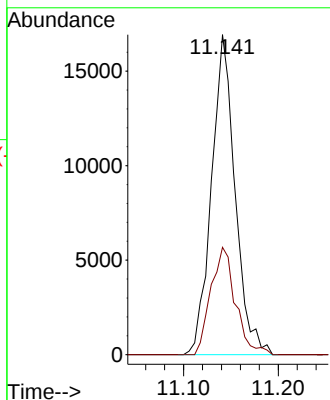
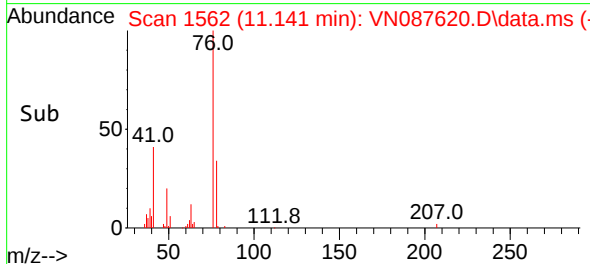
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 29300
Ion Ratio Lower Upper
76 100
78 35.2 26.2 39.4

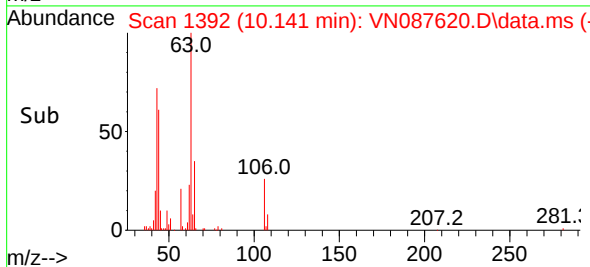
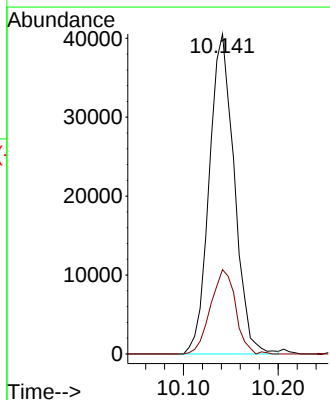
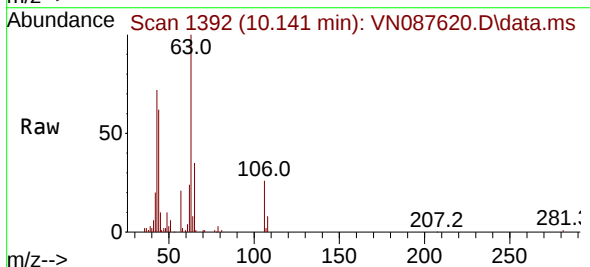
Manual Integrations
APPROVED

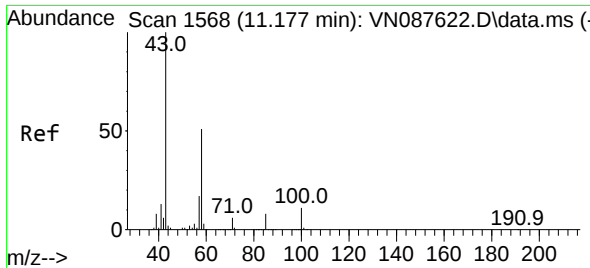
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 23.598 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion: 63 Resp: 74236
Ion Ratio Lower Upper
63 100
106 26.4 21.1 31.7





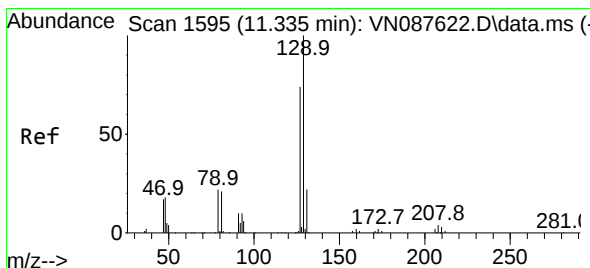
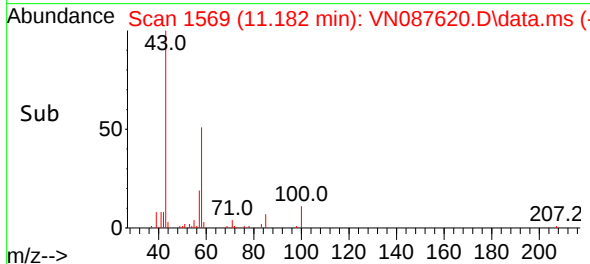
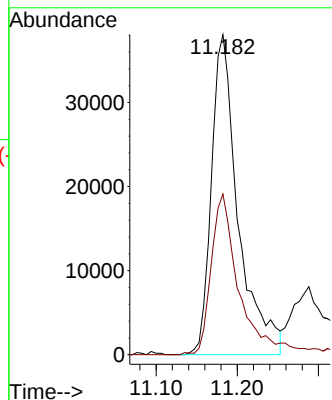
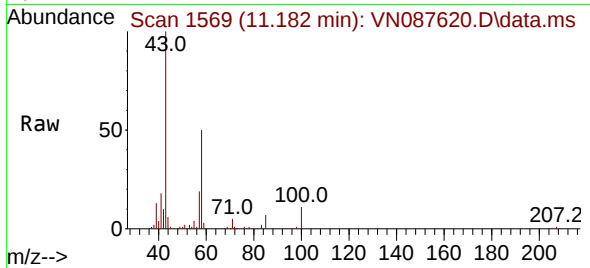
#59
2-Hexanone
Concen: 21.654 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 8709
Ion Ratio Lower Upper
43 100
58 53.1 25.9 77.8

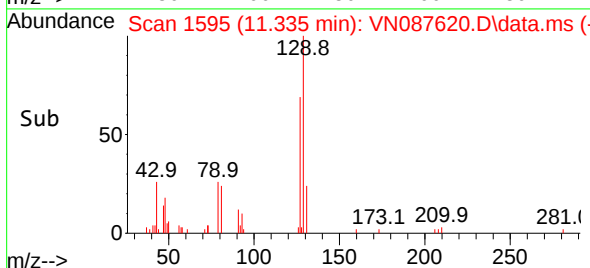
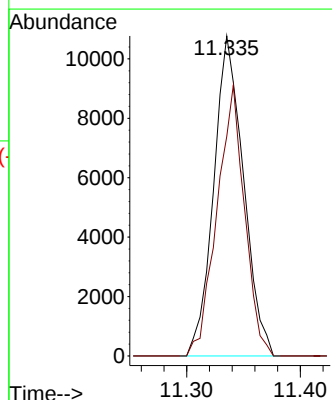
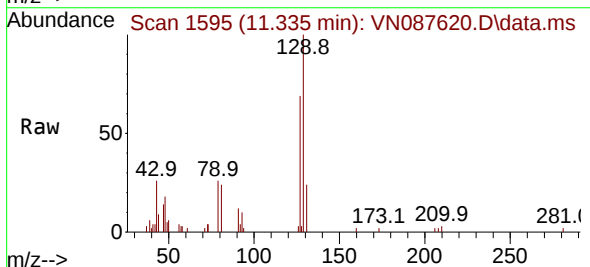
Manual Integrations
APPROVED

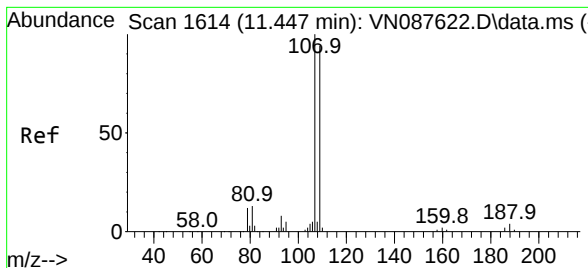
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#60
Dibromochloromethane
Concen: 4.664 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion:129 Resp: 19653
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.3





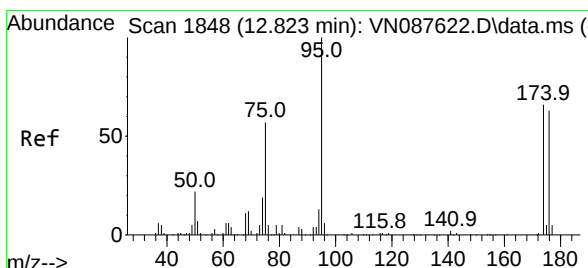
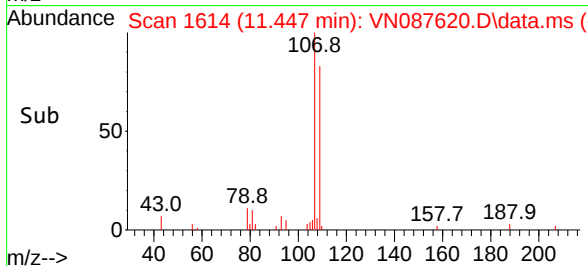
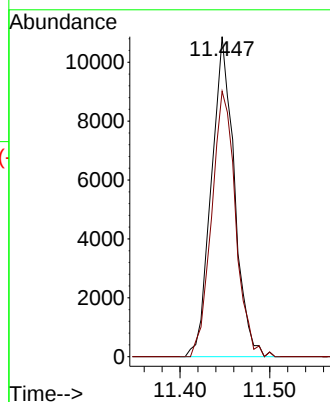
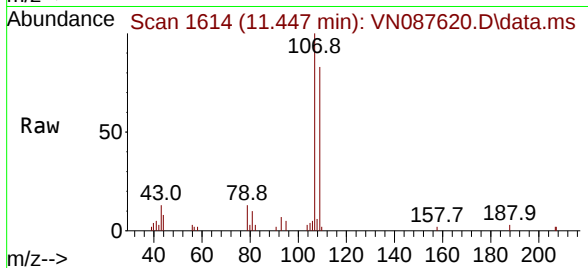
#61
1,2-Dibromoethane
Concen: 5.045 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 1934
Ion Ratio Lower Upper
107 100
109 86.4 74.7 112.1

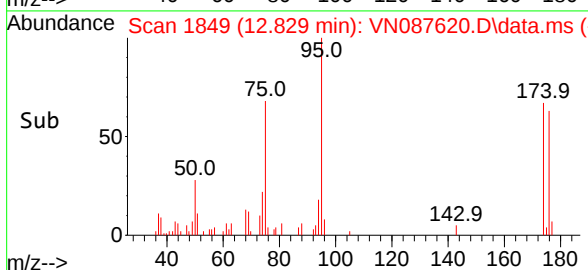
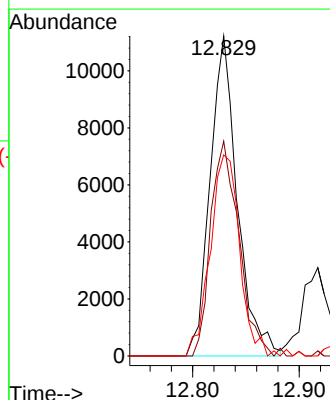
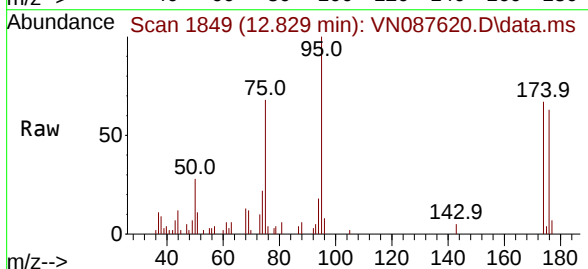
Manual Integrations
APPROVED

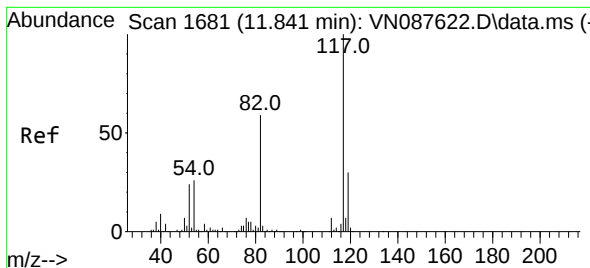
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#62
4-Bromofluorobenzene
Concen: 4.638 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion: 95 Resp: 19896
Ion Ratio Lower Upper
95 100
174 70.0 0.0 138.4
176 67.8 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:117 Resp: 41116

Ion Ratio Lower Upper

117 100

82 58.8 47.4 71.2

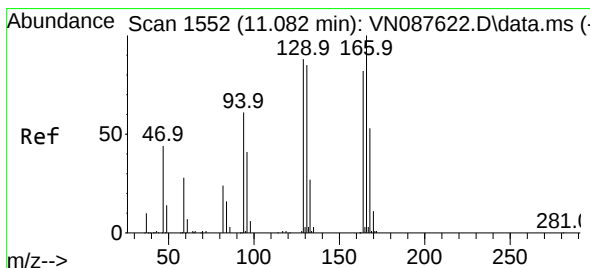
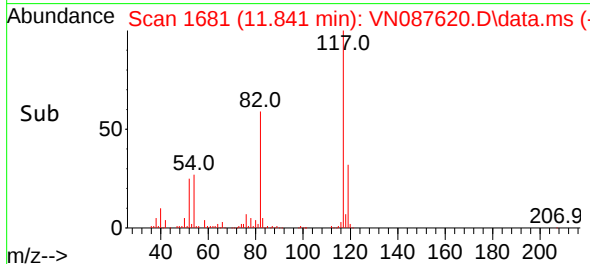
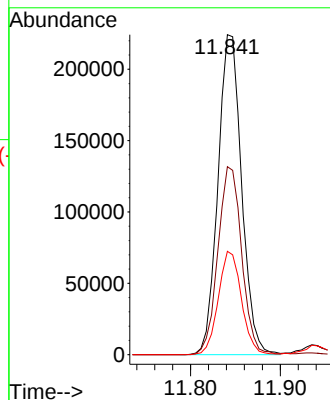
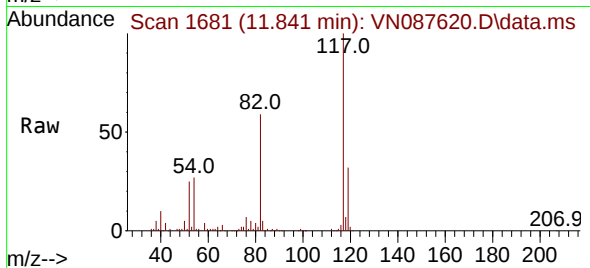
119 32.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#64

Tetrachloroethene

Concen: 5.094 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Tgt Ion:164 Resp: 14530

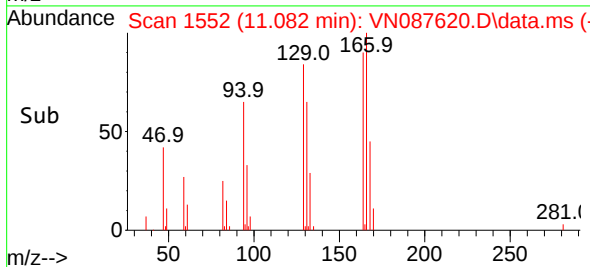
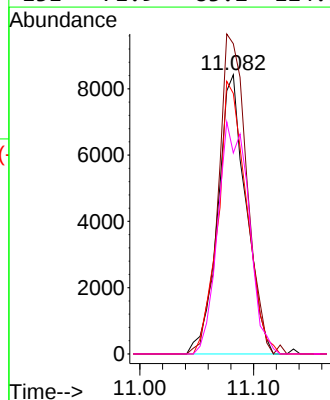
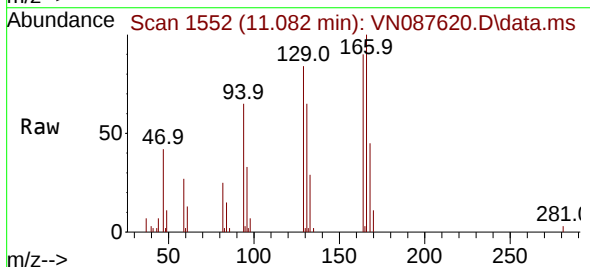
Ion Ratio Lower Upper

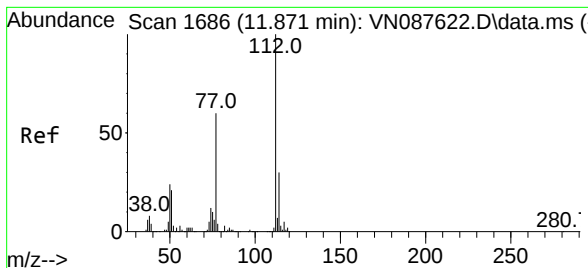
164 100

166 111.1 97.7 146.5

129 93.3 85.9 128.9

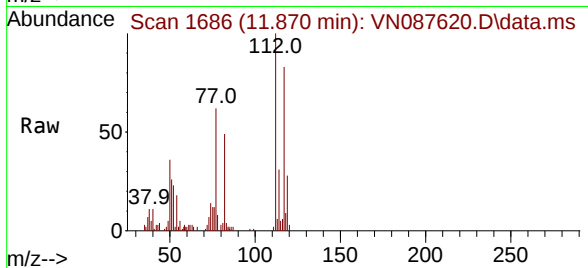
131 71.9 83.2 124.8#





#65
Chlorobenzene
Concen: 4.681 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

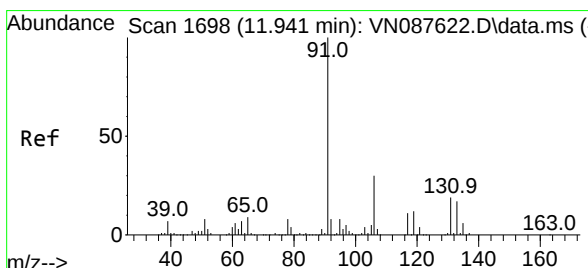
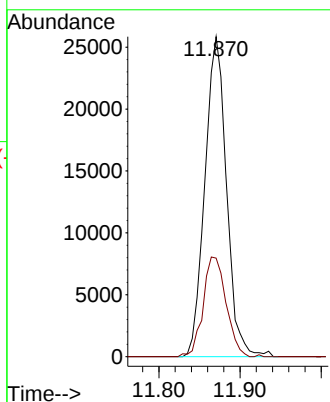
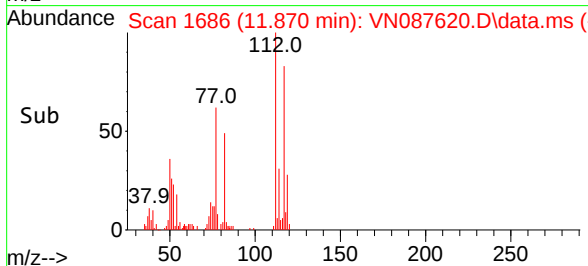
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



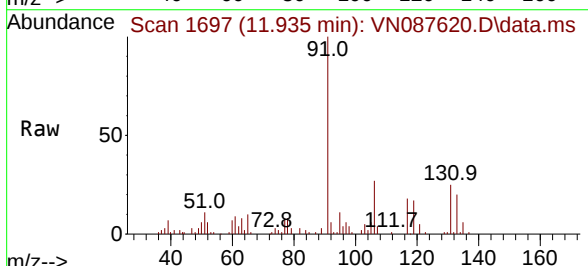
Tgt Ion:112 Resp: 47879
Ion Ratio Lower Upper
112 100
114 30.8 24.3 36.5

Manual Integrations
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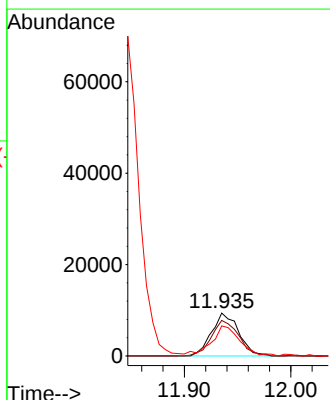
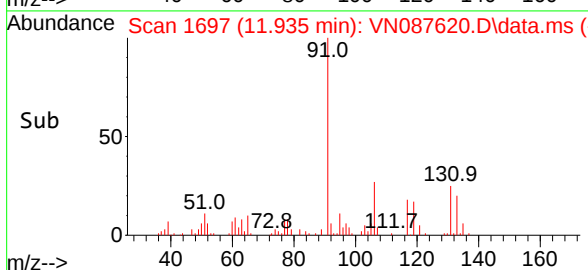
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

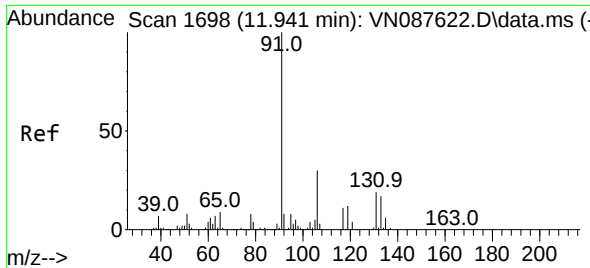


#66
1,1,1,2-Tetrachloroethane
Concen: 4.888 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08



Tgt Ion:131 Resp: 16599
Ion Ratio Lower Upper
131 100
133 83.1 48.0 144.0
119 73.3 32.6 97.7





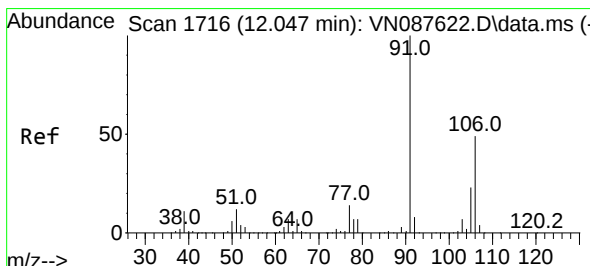
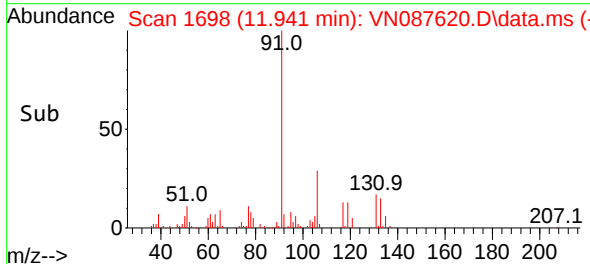
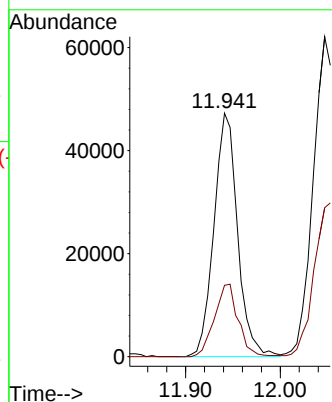
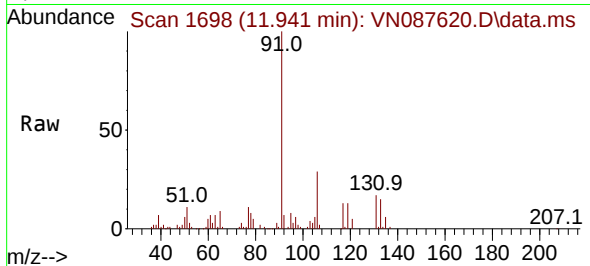
#67
Ethyl Benzene
Concen: 4.626 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 81935
Ion Ratio Lower Upper
91 100
106 29.3 24.1 36.1

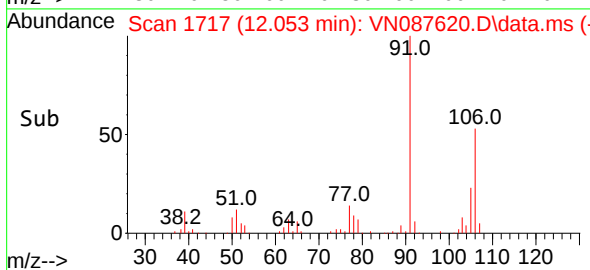
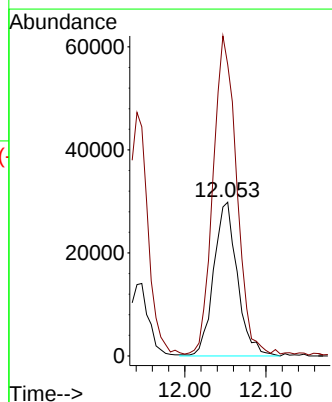
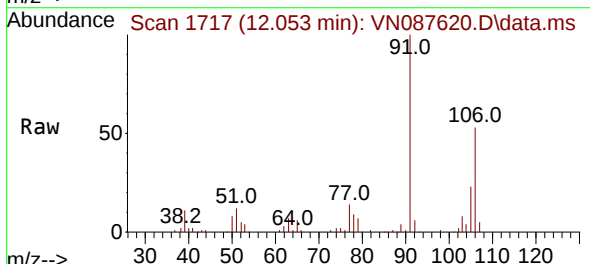
Manual Integrations
APPROVED

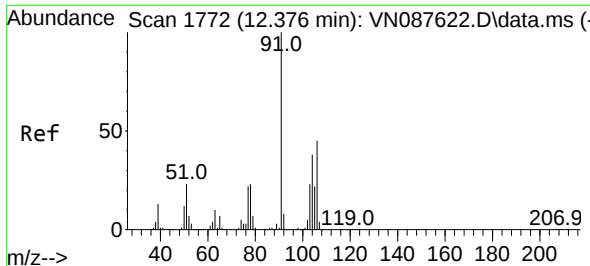
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#68
m/p-Xylenes
Concen: 9.306 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion:106 Resp: 60444
Ion Ratio Lower Upper
106 100
91 205.9 169.3 253.9





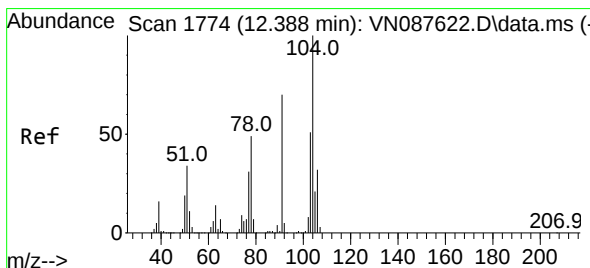
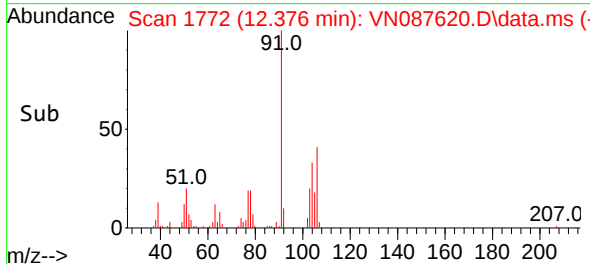
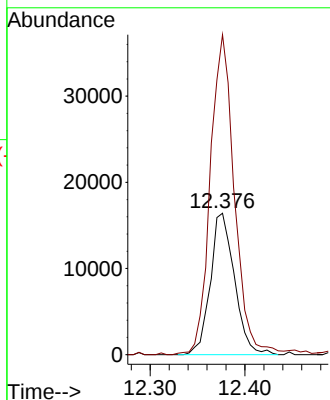
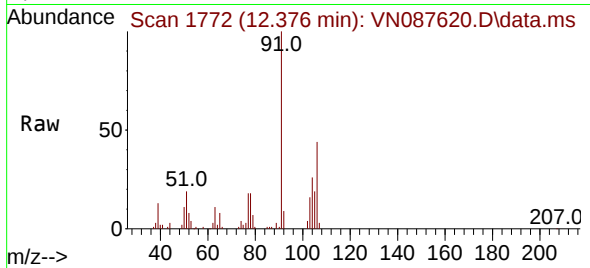
#69
o-Xylene
Concen: 4.566 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 29064
Ion Ratio Lower Upper
106 100
91 225.6 111.4 334.2

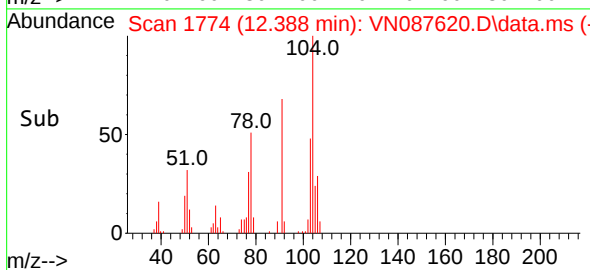
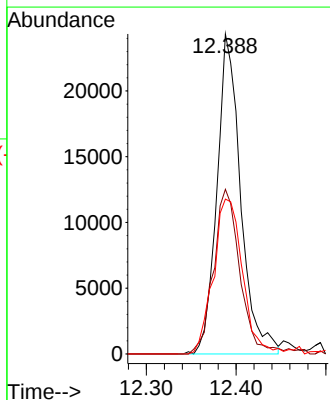
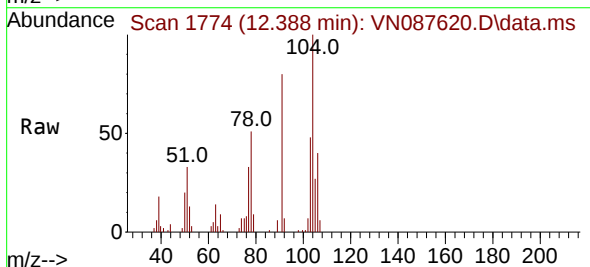
Manual Integrations
APPROVED

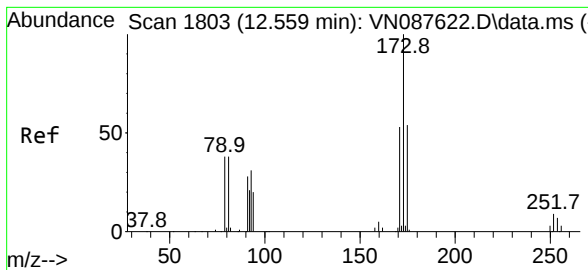
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#70
Styrene
Concen: 4.188 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

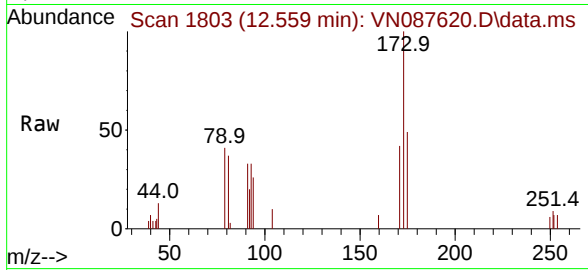
Tgt Ion:104 Resp: 44658
Ion Ratio Lower Upper
104 100
78 58.0 42.2 63.2
103 59.3 43.4 65.2





#71
Bromoform
Concen: 4.496 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

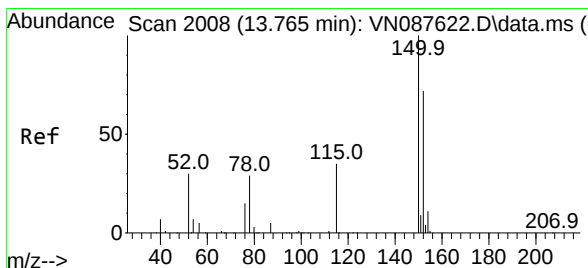
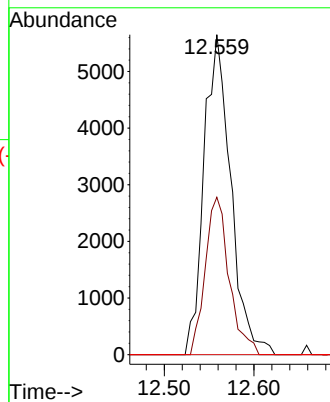
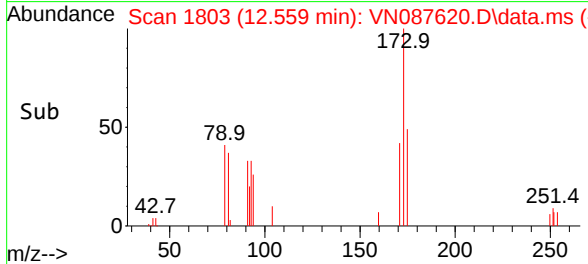
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



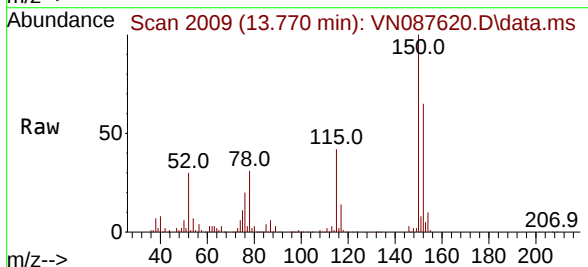
Tgt Ion:173 Resp: 11710
Ion Ratio Lower Upper
173 100
175 43.9 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

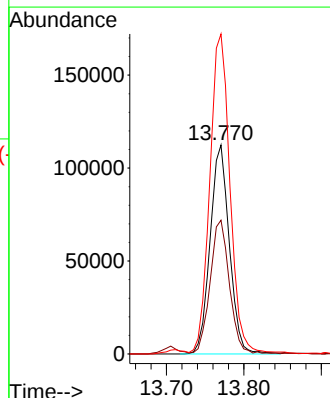
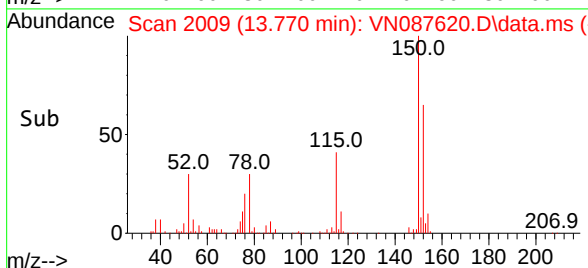
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

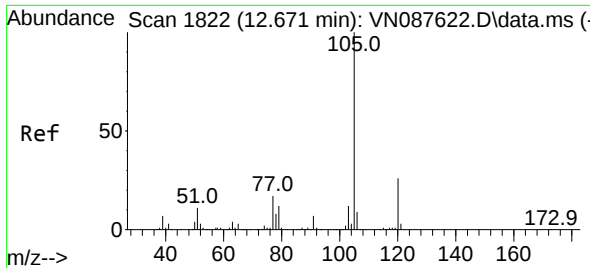


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08



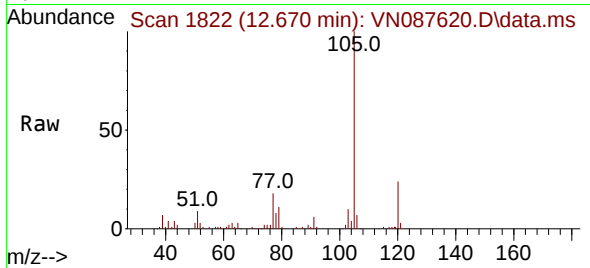
Tgt Ion:152 Resp: 194457
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 159.8 0.0 351.0





#73
Isopropylbenzene
Concen: 4.547 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

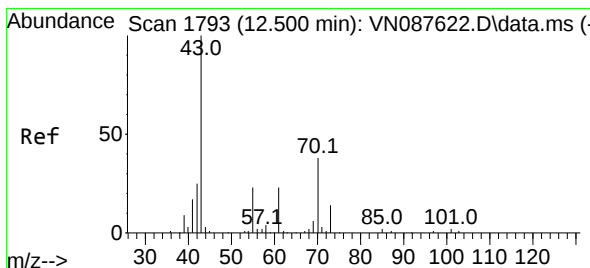
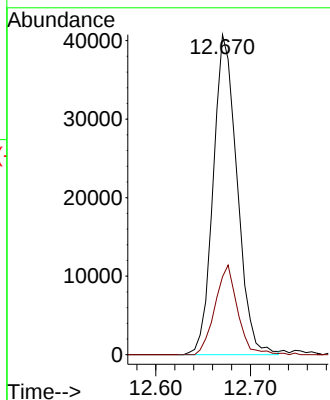
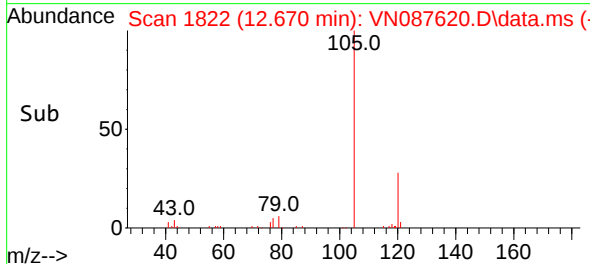
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



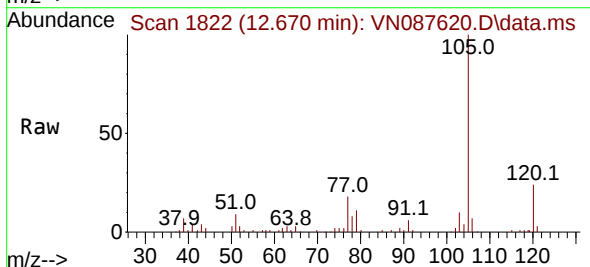
Tgt Ion:105 Resp: 71448
Ion Ratio Lower Upper
105 100
120 26.5 12.8 38.3

Manual Integrations
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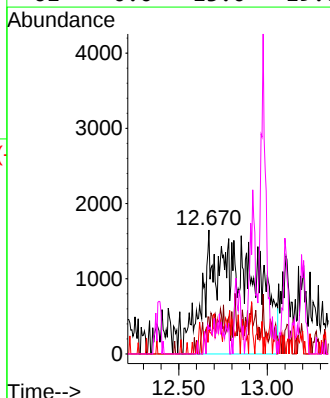
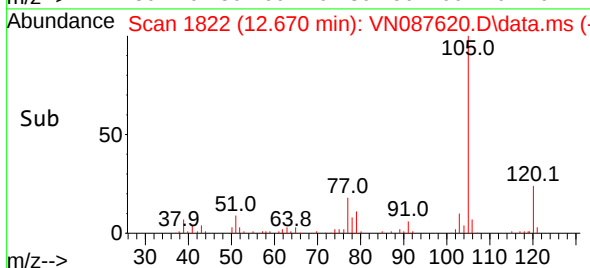
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

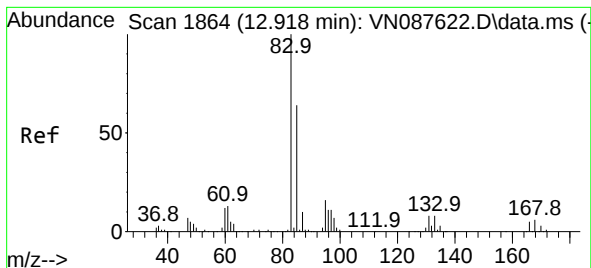


#74
N-ethyl acetate
Concen: 4.946 ug/l m
RT: 12.670 min Scan# 1822
Delta R.T. 0.170 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08



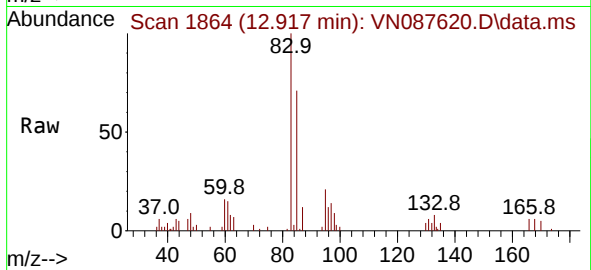
Tgt Ion: 43 Resp: 29903
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 0.2 13.0 19.6#
61 0.0 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.963 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

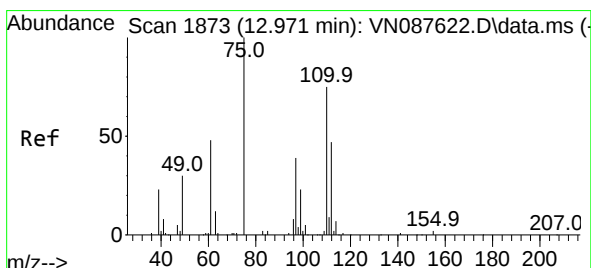
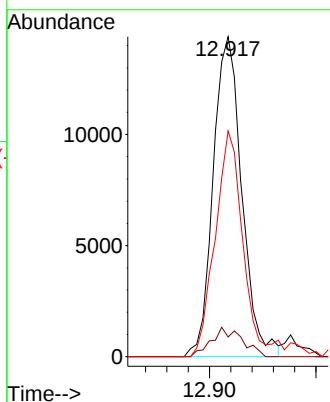
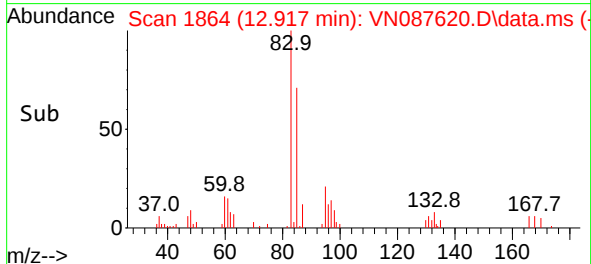
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



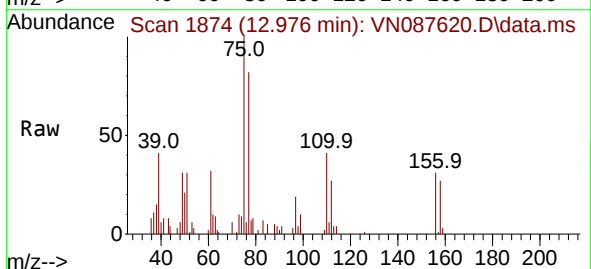
Tgt Ion: 83 Resp: 26850
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 68.9 32.1 96.3

Manual Integrations
APPROVED

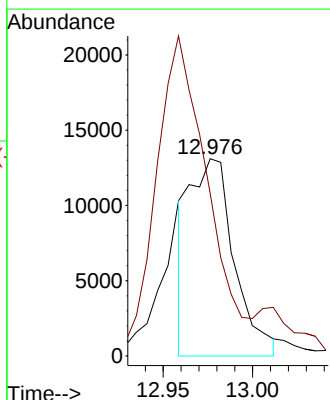
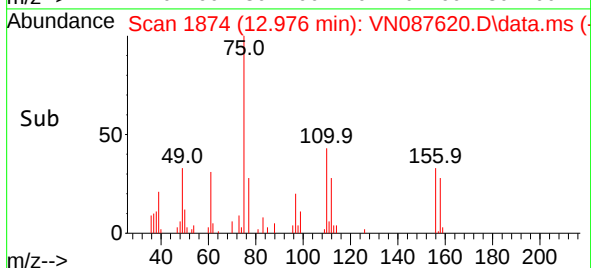
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

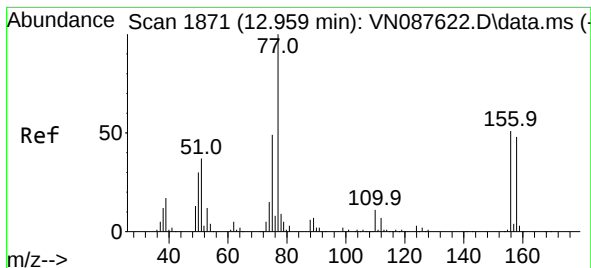


#76
1,2,3-Trichloropropane
Concen: 4.980 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08



Tgt Ion: 75 Resp: 22762
Ion Ratio Lower Upper
75 100
77 188.5 89.1 267.4





#77

Bromobenzene

Concen: 4.731 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

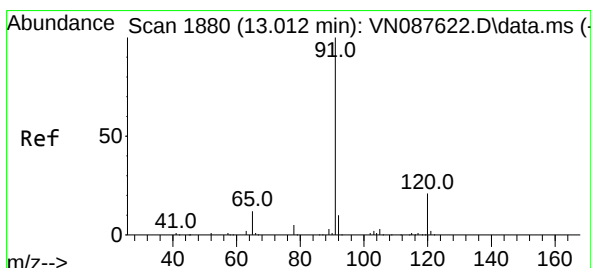
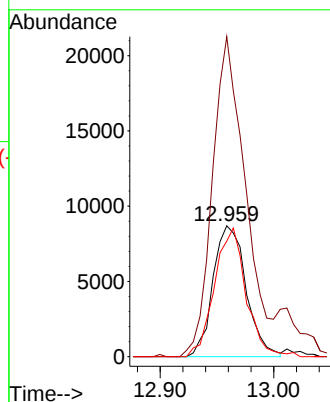
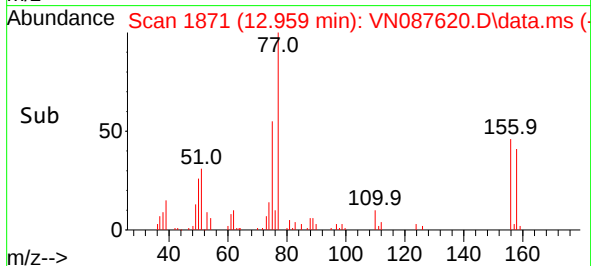
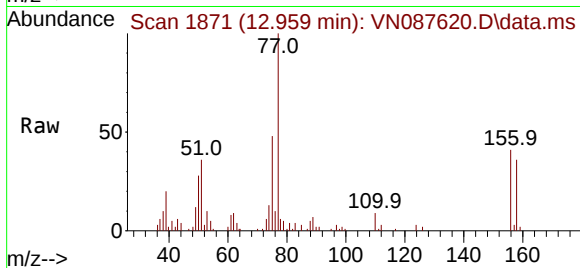
Tgt Ion:	156	Resp:	1752
Ion Ratio	Lower	Upper	
156	100		
77	244.9	119.3	358.0
158	94.3	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#78

n-propylbenzene

Concen: 4.567 ug/l

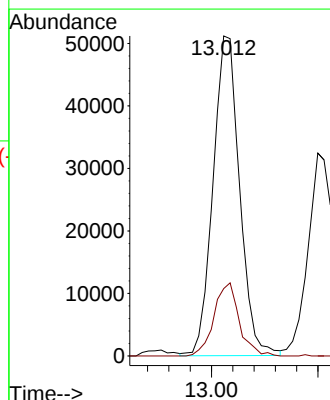
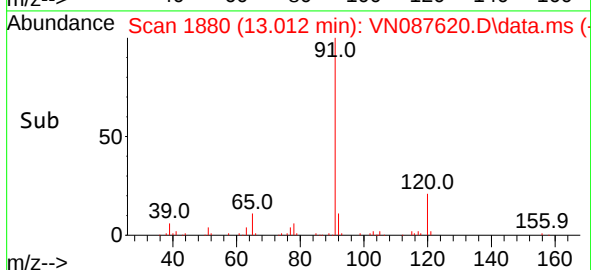
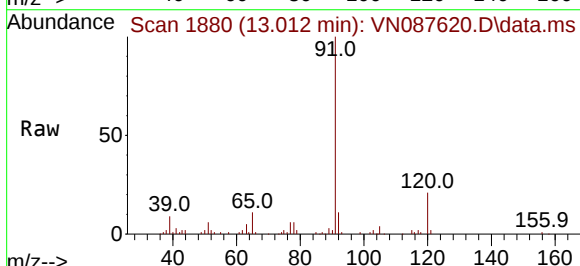
RT: 13.012 min Scan# 1880

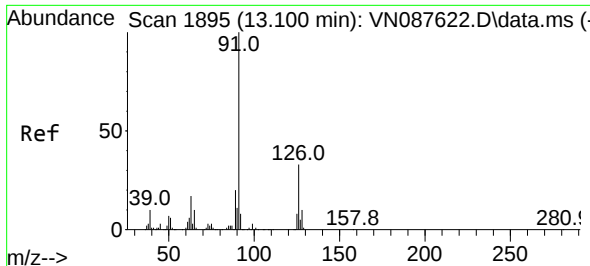
Delta R.T. -0.000 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Tgt Ion:	91	Resp:	88388
Ion Ratio	Lower	Upper	
91	100		
120	21.7	10.7	32.1





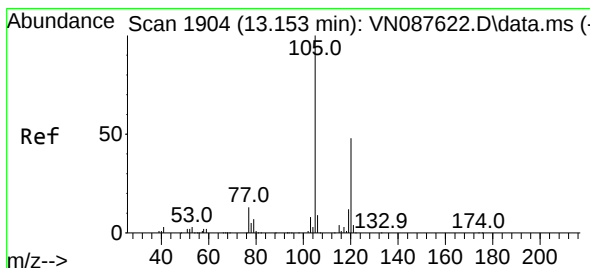
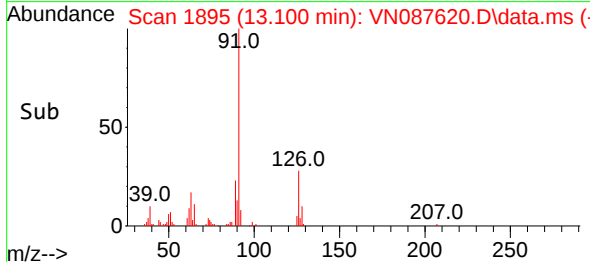
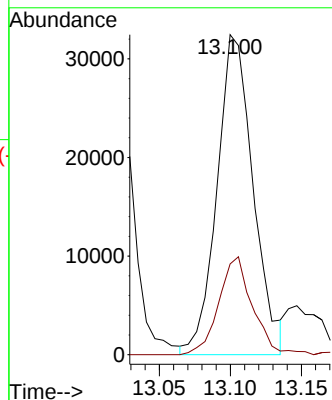
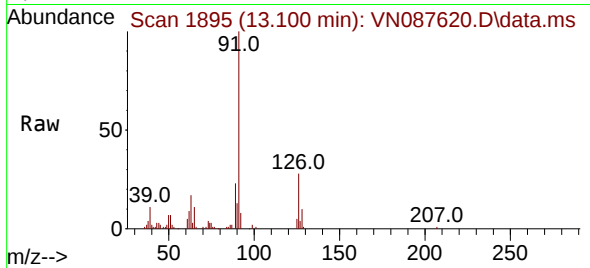
#79
2-Chlorotoluene
Concen: 4.931 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 57432
Ion Ratio Lower Upper
91 100
126 28.7 16.1 48.3

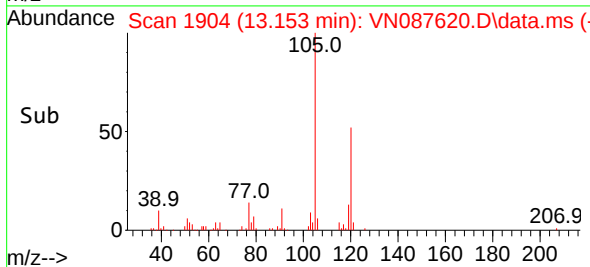
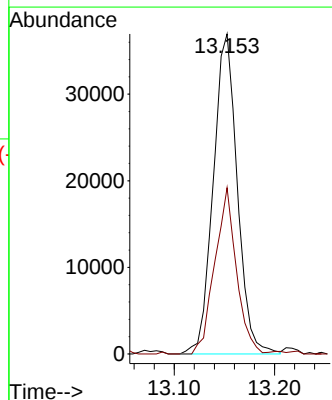
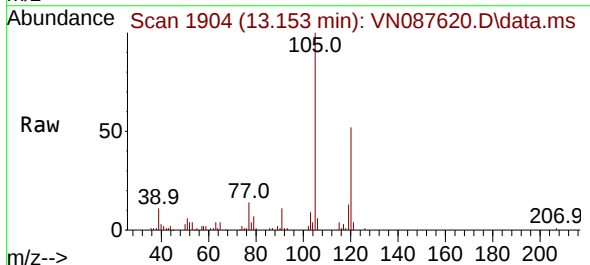
Manual Integrations
APPROVED

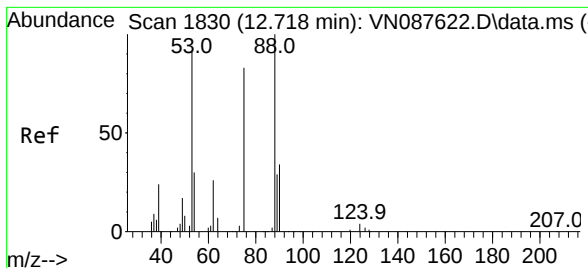
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.609 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

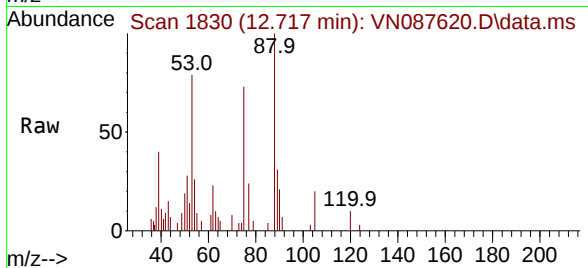
Tgt Ion:105 Resp: 61434
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 3.749 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

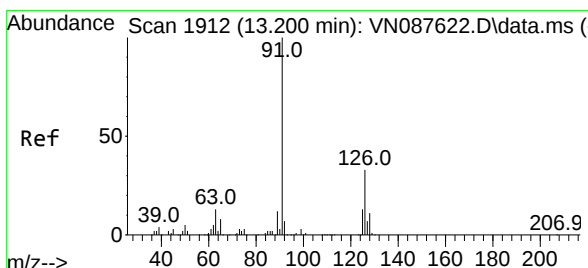
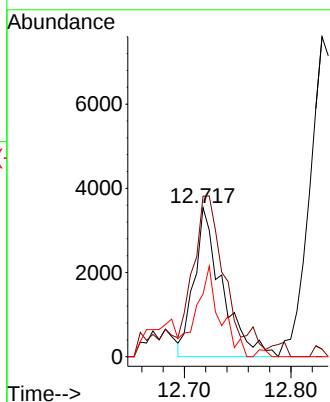
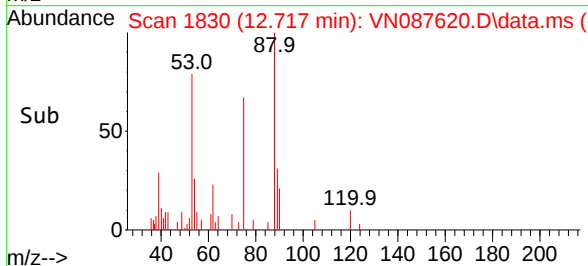
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 6458
Ion Ratio Lower Upper
75 100
53 143.6 101.8 152.6
89 51.5 35.6 53.4

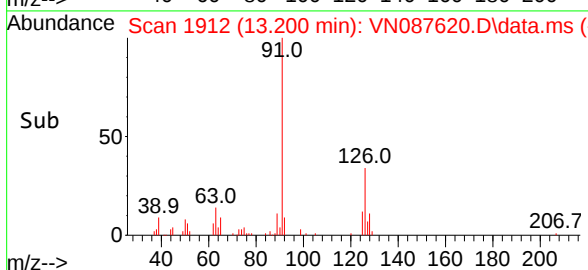
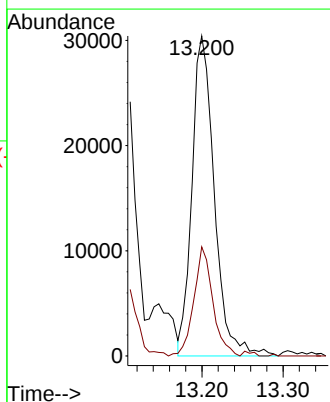
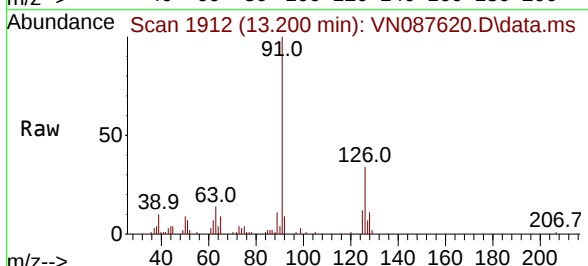
Manual Integrations
APPROVED

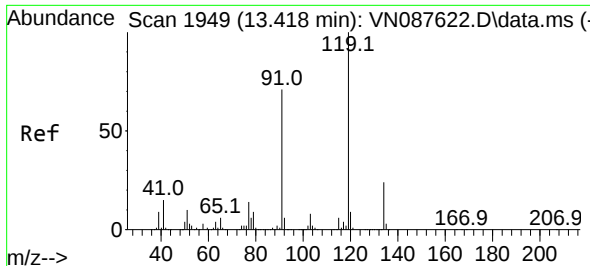
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#82
4-Chlorotoluene
Concen: 4.765 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

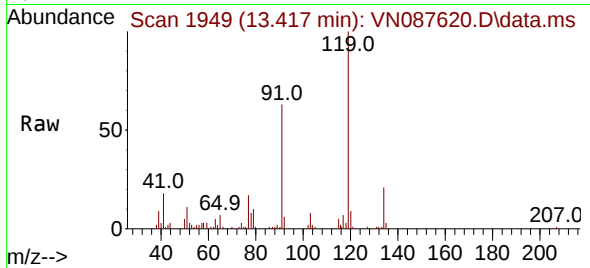
Tgt Ion: 91 Resp: 58355
Ion Ratio Lower Upper
91 100
126 28.8 15.6 46.8





#83
tert-Butylbenzene
Concen: 4.680 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

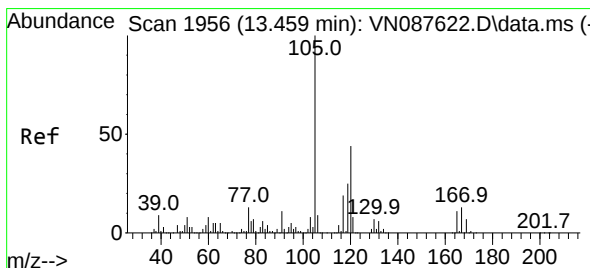
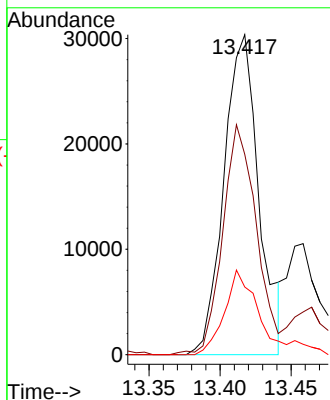
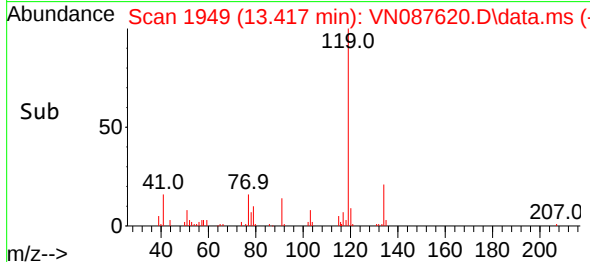
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



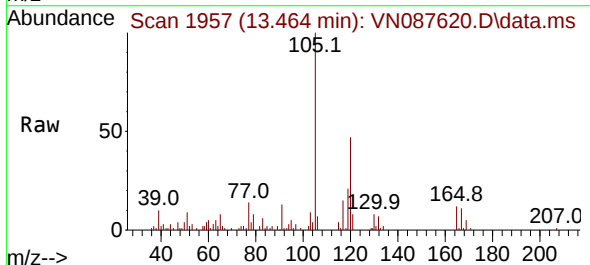
Tgt Ion:119 Resp: 51989
Ion Ratio Lower Upper
119 100
91 69.1 35.0 105.0
134 27.4 12.6 37.8

Manual Integrations
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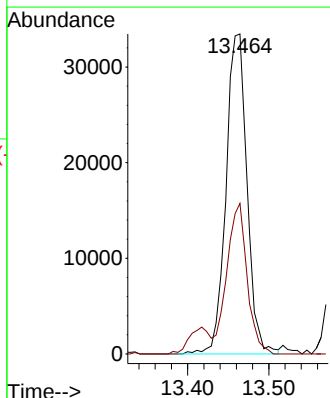
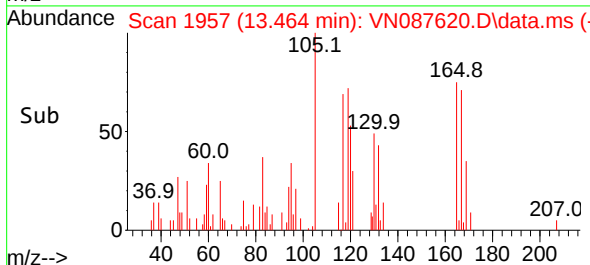
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

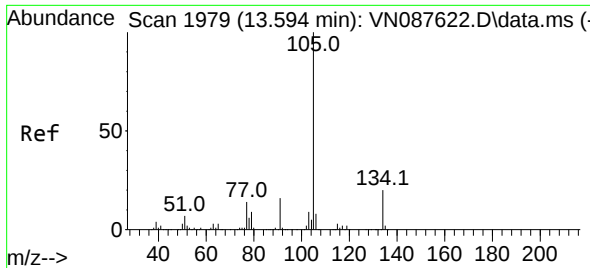


#84
1,2,4-Trimethylbenzene
Concen: 4.504 ug/l
RT: 13.464 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08



Tgt Ion:105 Resp: 60099
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0





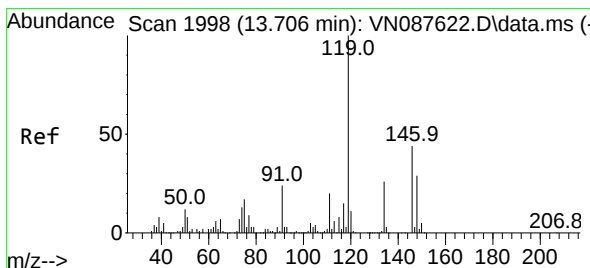
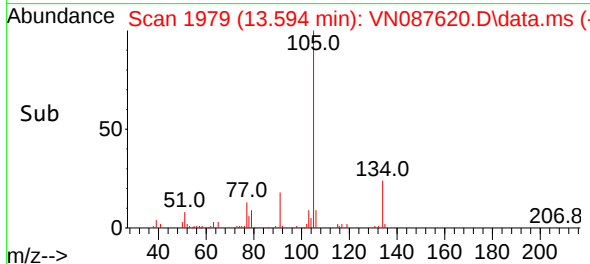
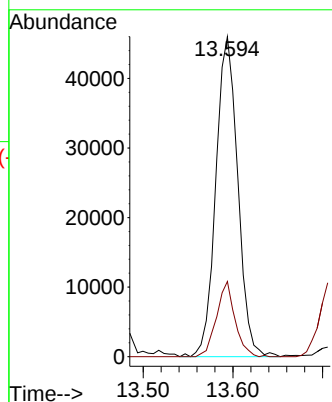
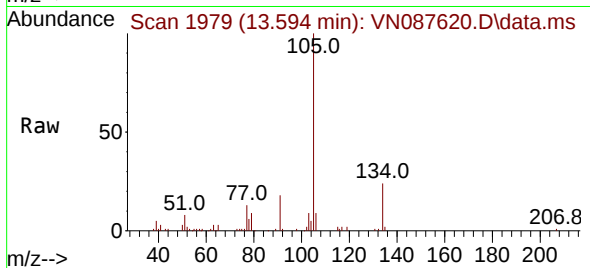
#85
 sec-Butylbenzene
 Concen: 4.741 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087620.D
 Acq: 21 Aug 2025 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 78154
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.6 28.6

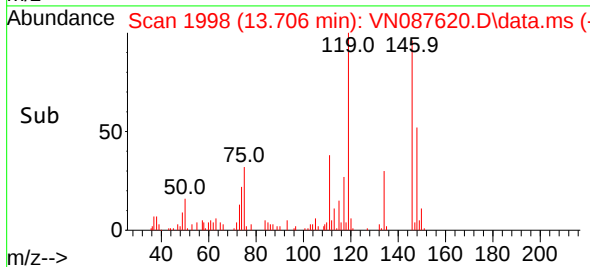
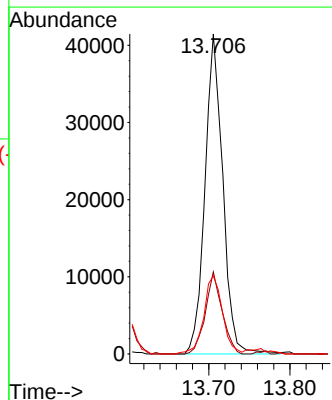
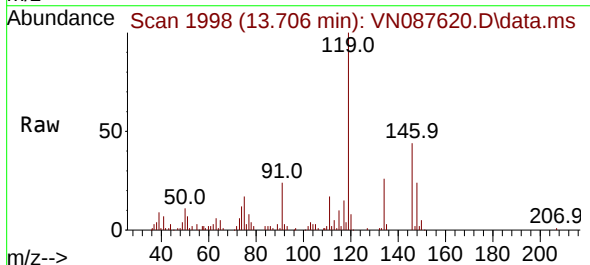
Manual Integrations
 APPROVED

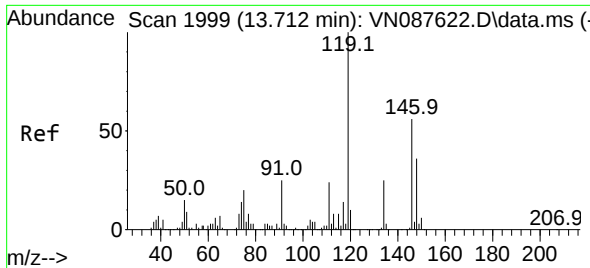
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#86
 p-Isopropyltoluene
 Concen: 4.642 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087620.D
 Acq: 21 Aug 2025 13:08

Tgt Ion:119 Resp: 63187
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.7 38.0
 91 25.5 12.5 37.5





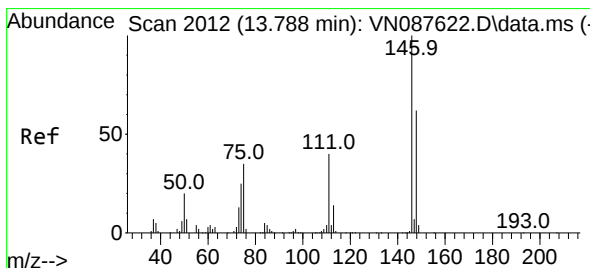
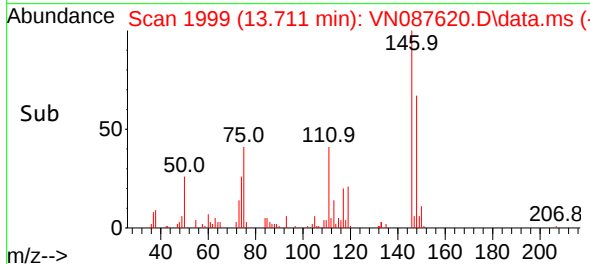
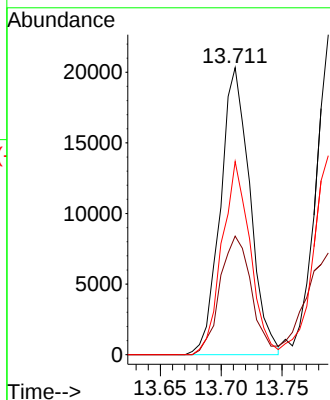
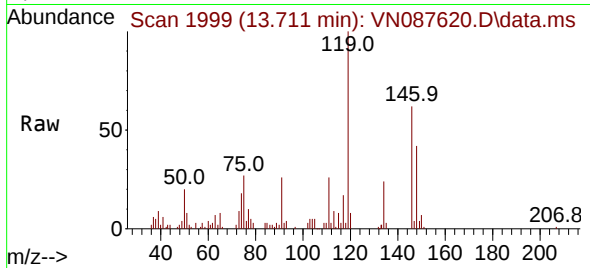
#87
1,3-Dichlorobenzene
Concen: 4.718 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 34424
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.5
148 64.0 32.0 96.2

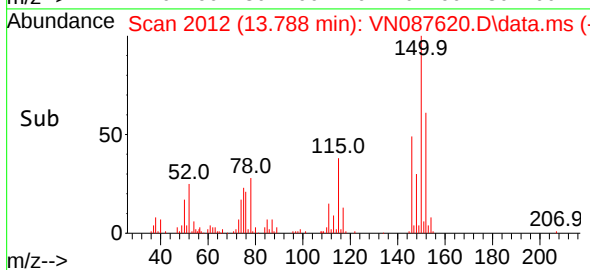
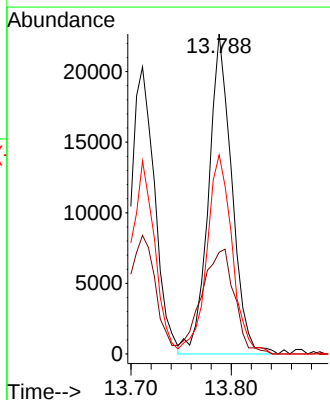
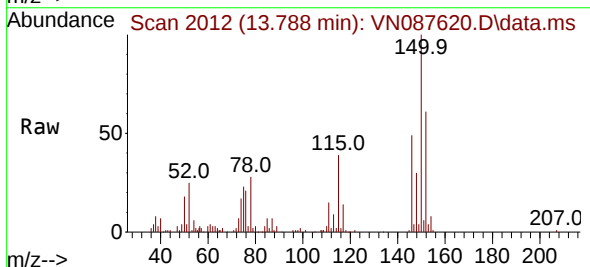
Manual Integrations
APPROVED

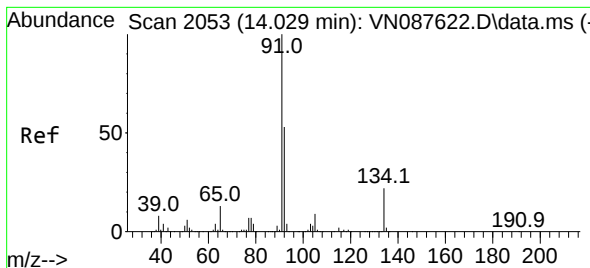
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#88
1,4-Dichlorobenzene
Concen: 4.824 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion:146 Resp: 36629
Ion Ratio Lower Upper
146 100
111 46.2 21.0 63.0
148 67.7 32.0 96.0





#89

n-Butylbenzene

Concen: 4.614 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

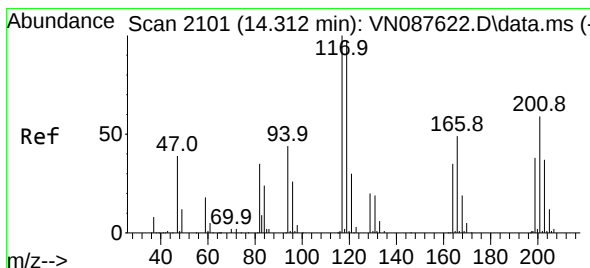
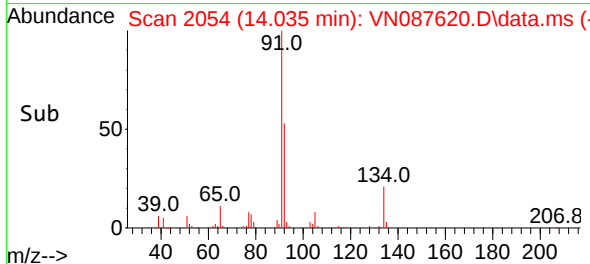
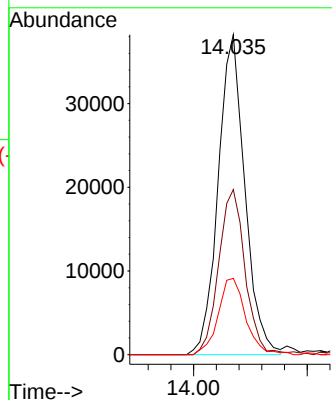
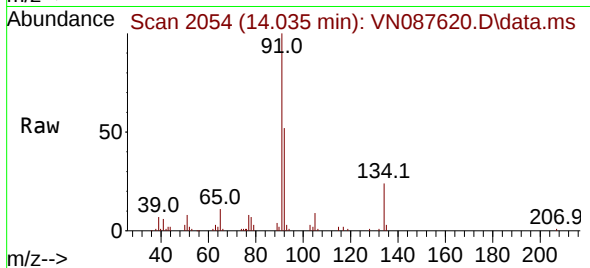
Tgt Ion: 91	Resp: 62374
Ion Ratio	Lower Upper
91	100
92	51.4 25.9 77.8
134	24.6 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#90

Hexachloroethane

Concen: 4.545 ug/l

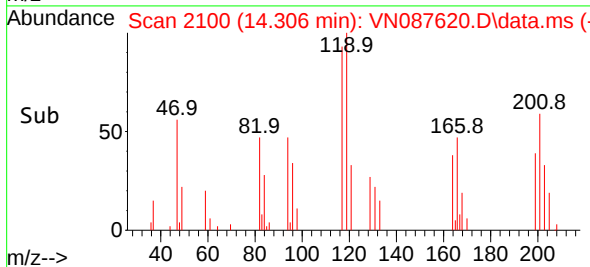
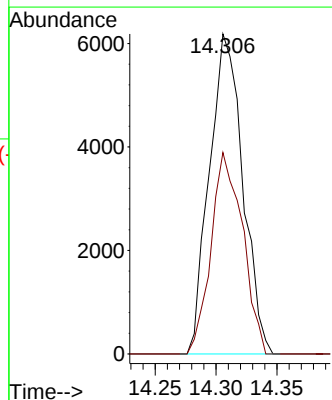
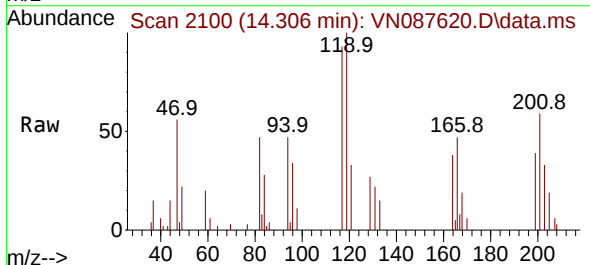
RT: 14.306 min Scan# 2100

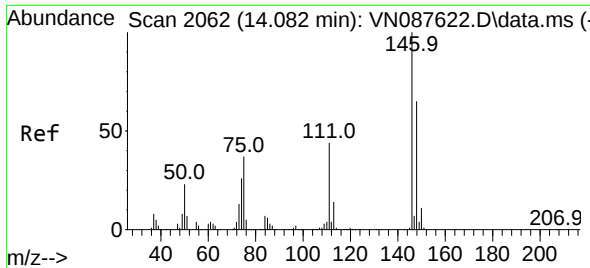
Delta R.T. -0.006 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Tgt Ion: 117	Resp: 11787
Ion Ratio	Lower Upper
117	100
201	59.4 29.1 87.4





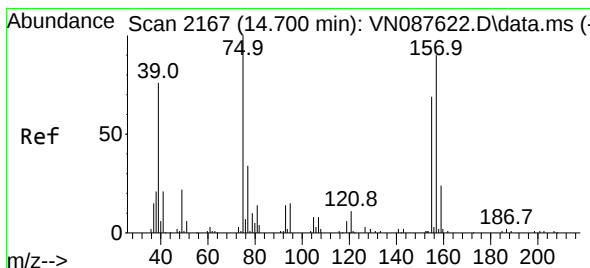
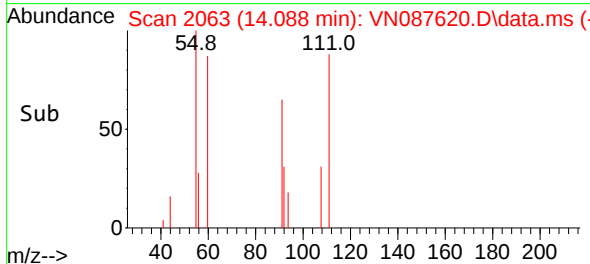
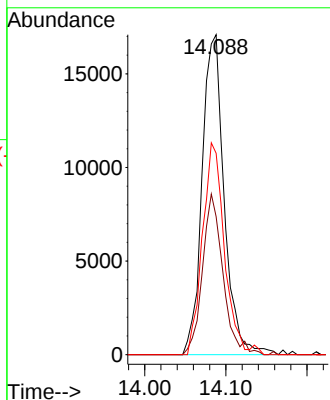
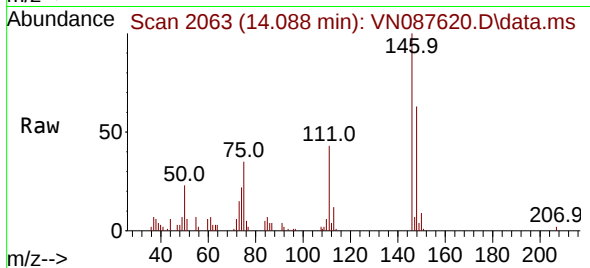
#91
1,2-Dichlorobenzene
Concen: 4.669 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 32320
Ion Ratio Lower Upper
146 100
111 46.5 22.6 67.8
148 65.0 31.9 95.9

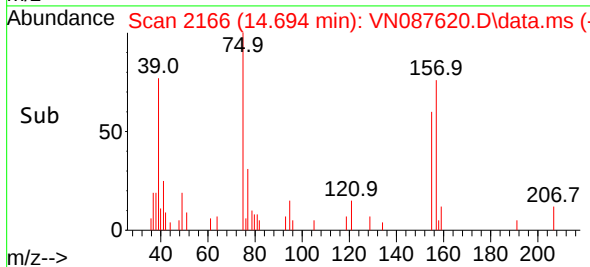
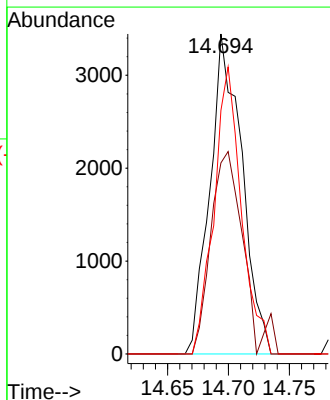
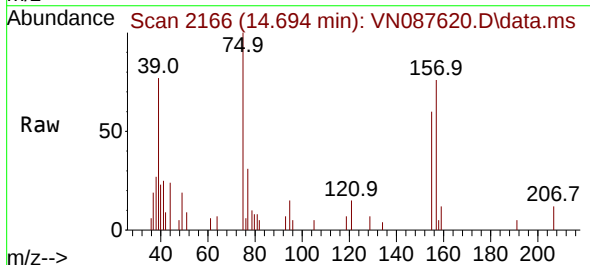
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.887 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion: 75 Resp: 6280
Ion Ratio Lower Upper
75 100
155 62.0 36.6 109.9
157 77.1 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 4.654 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

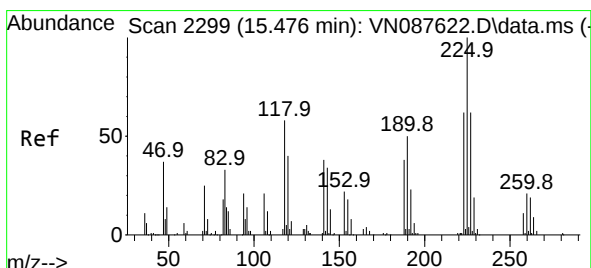
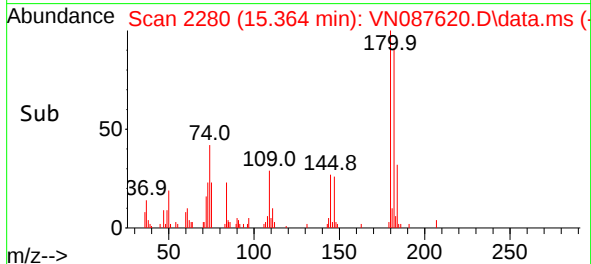
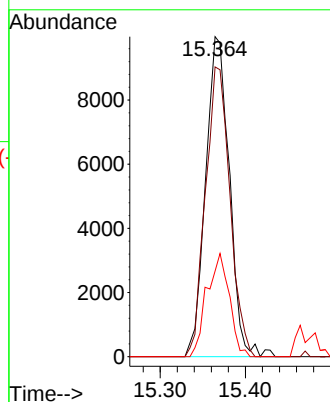
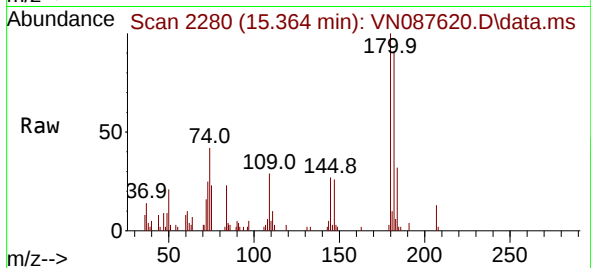
Tgt Ion:	180	Resp:	1934
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.6	142.9
145	30.5	16.5	49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#94

Hexachlorobutadiene

Concen: 4.864 ug/l

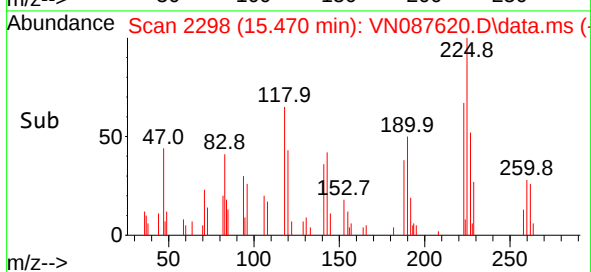
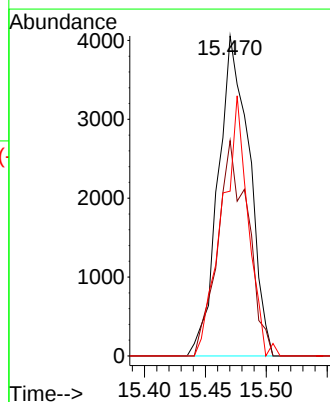
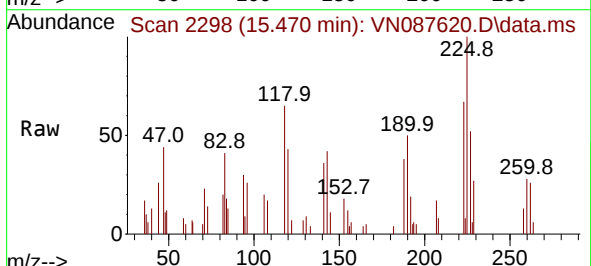
RT: 15.470 min Scan# 2298

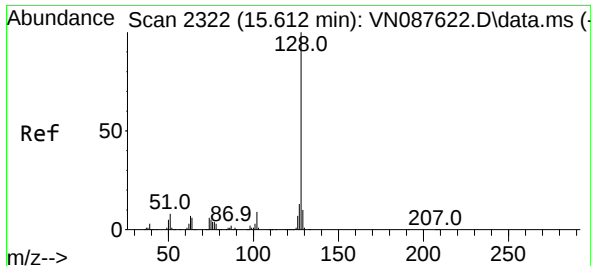
Delta R.T. -0.006 min

Lab File: VN087620.D

Acq: 21 Aug 2025 13:08

Tgt Ion:	225	Resp:	7207
Ion Ratio	Lower	Upper	
225	100		
223	65.6	32.0	96.2
227	68.4	32.1	96.5





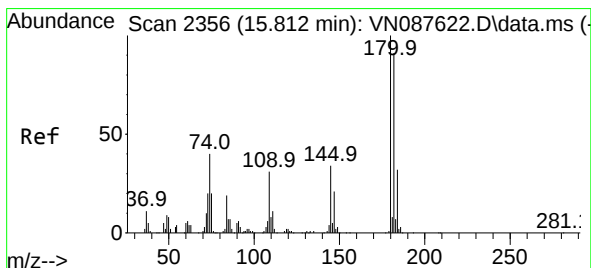
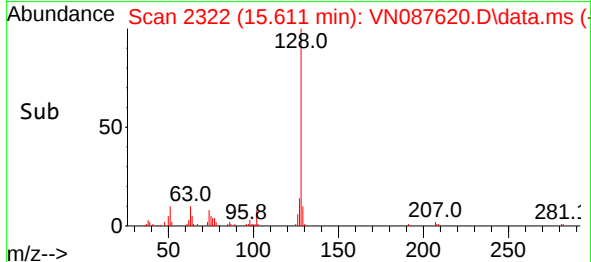
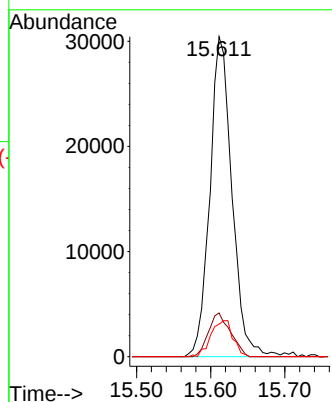
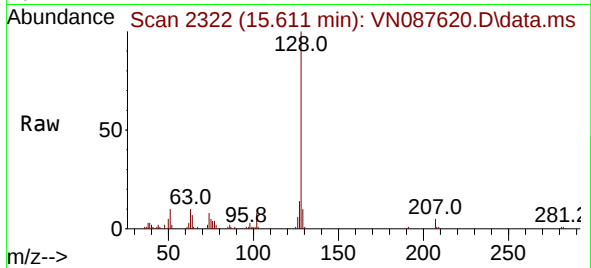
#95
Naphthalene
Concen: 4.280 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 63009
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.650 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087620.D
Acq: 21 Aug 2025 13:08

Tgt Ion:180 Resp: 18896
Ion Ratio Lower Upper
180 100
182 90.9 46.8 140.3
145 34.3 17.3 52.0

