

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087387.D
 Acq On : 21 Jul 2025 17:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:12:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	191517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	331826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	301376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	161218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	153387	47.201	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.400%		
35) Dibromofluoromethane	8.153	113	112900	49.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.640%		
50) Toluene-d8	10.547	98	417132	51.088	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.180%		
62) 4-Bromofluorobenzene	12.829	95	154491	51.215	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	129396	63.612	ug/l	98
3) Chloromethane	2.383	50	133005	51.996	ug/l	99
4) Vinyl Chloride	2.542	62	141291	55.580	ug/l	99
5) Bromomethane	2.971	94	48744	37.027	ug/l	89
6) Chloroethane	3.136	64	86971	52.460	ug/l	98
7) Trichlorofluoromethane	3.507	101	210692	56.050	ug/l	95
8) Diethyl Ether	3.965	74	73189	50.193	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	110288	57.155	ug/l	98
10) Methyl Iodide	4.577	142	78857	40.881	ug/l	96
11) Tert butyl alcohol	5.530	59	150936	244.615	ug/l	99
12) 1,1-Dichloroethene	4.336	96	109432	50.045	ug/l	93
13) Acrolein	4.171	56	87212	176.120	ug/l	99
14) Allyl chloride	5.012	41	194931	49.259	ug/l	99
15) Acrylonitrile	5.706	53	419384	250.470	ug/l	98
16) Acetone	4.418	43	358708	235.425	ug/l	100
17) Carbon Disulfide	4.701	76	341381	52.659	ug/l	97
18) Methyl Acetate	5.018	43	197297	51.540	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	418021	51.865	ug/l	96
20) Methylene Chloride	5.265	84	129865	50.425	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	123800	50.212	ug/l	97
22) Diisopropyl ether	6.659	45	447401	53.898	ug/l	99
23) Vinyl Acetate	6.589	43	2071638	285.355	ug/l	98
24) 1,1-Dichloroethane	6.553	63	246438	51.460	ug/l	98
25) 2-Butanone	7.471	43	598466	254.212	ug/l	100
26) 2,2-Dichloropropane	7.471	77	186400	50.063	ug/l	97
27) cis-1,2-Dichloroethene	7.477	96	148524	52.323	ug/l	99
28) Bromochloromethane	7.794	49	106228	46.348	ug/l	97
29) Tetrahydrofuran	7.824	42	392857	256.877	ug/l	99
30) Chloroform	7.953	83	247579	51.650	ug/l	97
31) Cyclohexane	8.242	56	225256	56.384	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	220760	53.174	ug/l	99
36) 1,1-Dichloropropene	8.353	75	179107	59.227	ug/l	99
37) Ethyl Acetate	7.553	43	228738	52.373	ug/l	99
38) Carbon Tetrachloride	8.341	117	192118	57.671	ug/l	93
39) Methylcyclohexane	9.583	83	211657	64.648	ug/l	98
40) Benzene	8.589	78	541490	55.402	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	127535	55.846	ug/l	98
42) 1,2-Dichloroethane	8.653	62	192670	51.982	ug/l	99
43) Isopropyl Acetate	8.677	43	363338	53.591	ug/l	100
44) Trichloroethene	9.336	130	125452	54.322	ug/l	96
45) 1,2-Dichloropropane	9.606	63	135992	54.760	ug/l	96
46) Dibromomethane	9.694	93	96606	51.955	ug/l	99
47) Bromodichloromethane	9.871	83	195834	52.287	ug/l	99
48) Methyl methacrylate	9.665	41	170793	55.957	ug/l	100
49) 1,4-Dioxane	9.683	88	44062	942.545	ug/l #	98
51) 4-Methyl-2-Pentanone	10.430	43	1162588	271.120	ug/l	99
52) Toluene	10.612	92	334726	56.344	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	204091	53.843	ug/l	93
54) cis-1,3-Dichloropropene	10.294	75	212962	54.392	ug/l	97
55) 1,1,2-Trichloroethane	11.000	97	128470	53.415	ug/l	93
56) Ethyl methacrylate	10.859	69	215083	53.048	ug/l	98
57) 1,3-Dichloropropane	11.141	76	226389	54.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	568418	288.104	ug/l	99
59) 2-Hexanone	11.177	43	812748	285.678	ug/l	100
60) Dibromochloromethane	11.341	129	150091	54.720	ug/l	97
61) 1,2-Dibromoethane	11.447	107	133498	52.790	ug/l	96
64) Tetrachloroethene	11.082	164	105120	54.195	ug/l	97
65) Chlorobenzene	11.871	112	361819	53.475	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	126464	54.967	ug/l	100
67) Ethyl Benzene	11.947	91	625639	56.168	ug/l	99
68) m/p-Xylenes	12.053	106	487916	116.978	ug/l	99
69) o-Xylene	12.377	106	232606	58.381	ug/l	100
70) Styrene	12.394	104	394519	58.862	ug/l	98
71) Bromoform	12.559	173	99948	53.773	ug/l #	99
73) Isopropylbenzene	12.677	105	605418	59.666	ug/l	99
74) N-amyl acetate	12.494	43	198838	47.166	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.918	83	199150	52.160	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	171523m	47.445	ug/l	
77) Bromobenzene	12.959	156	145777	55.397	ug/l	98
78) n-propylbenzene	13.012	91	744909	58.350	ug/l	99
79) 2-Chlorotoluene	13.106	91	440232	56.110	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	510963	59.103	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	62631	47.402	ug/l	99
82) 4-Chlorotoluene	13.200	91	448965	54.962	ug/l	100
83) tert-Butylbenzene	13.418	119	450159	62.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	523082	59.248	ug/l	99
85) sec-Butylbenzene	13.594	105	657117	60.418	ug/l	98
86) p-Isopropyltoluene	13.706	119	549161	63.006	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	278073	53.842	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	288616	52.324	ug/l	99
89) n-Butylbenzene	14.035	91	509469	61.214	ug/l	98
90) Hexachloroethane	14.312	117	102875	55.707	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	270474	55.281	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	48396	48.280	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	158763	55.240	ug/l	98
94) Hexachlorobutadiene	15.476	225	70087	65.630	ug/l	98
95) Naphthalene	15.617	128	557494	54.755	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	160460	55.658	ug/l	99

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Instrument :
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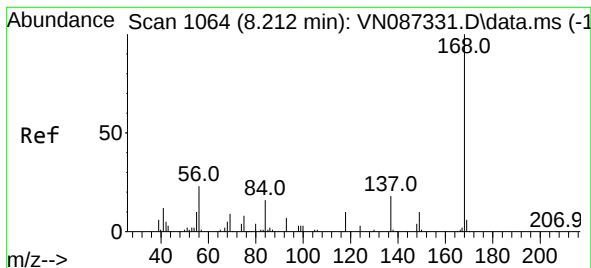
Manual Integrations
APPROVED

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Response via : Initial Calibration

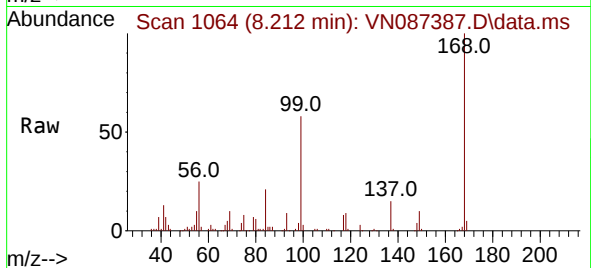
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.000 min
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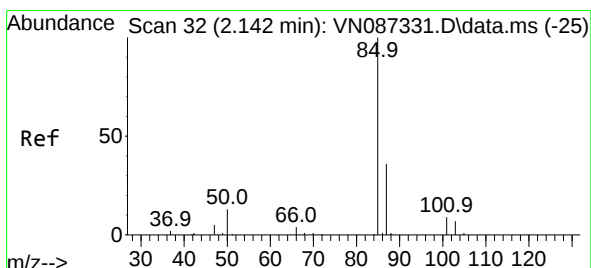
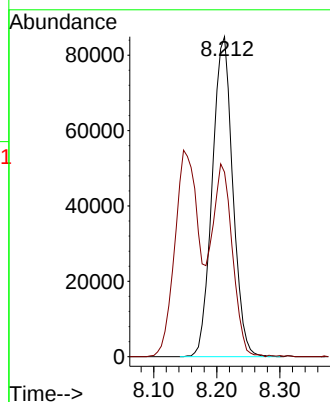
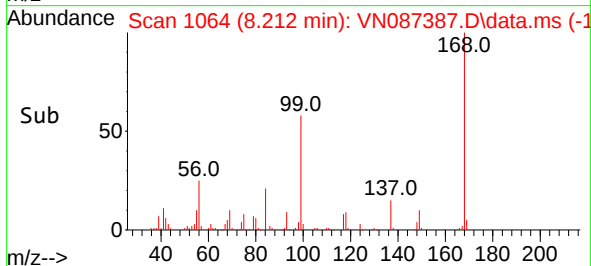
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 19151
Ion Ratio Lower Upper
168 100
99 57.3 47.9 71.9

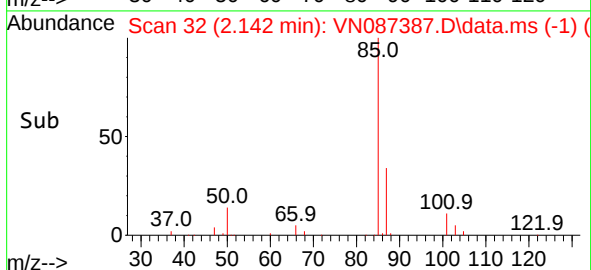
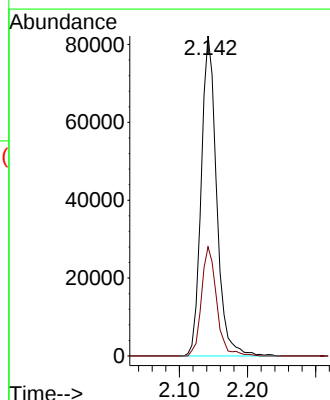
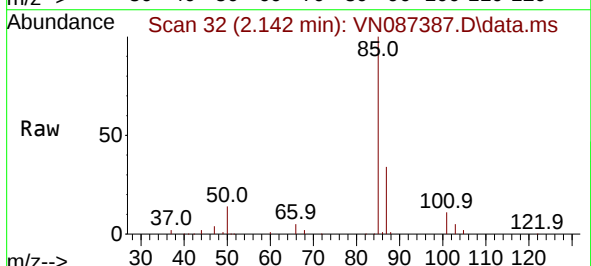
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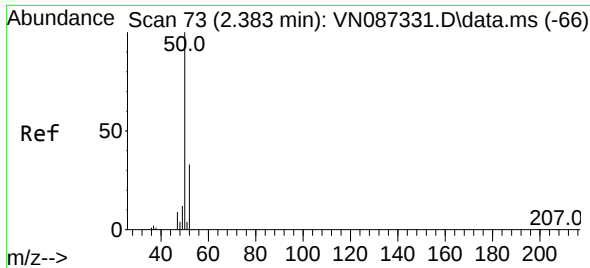
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#2
Dichlorodifluoromethane
Concen: 63.612 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Tgt Ion: 85 Resp: 129396
Ion Ratio Lower Upper
85 100
87 34.1 17.8 53.3





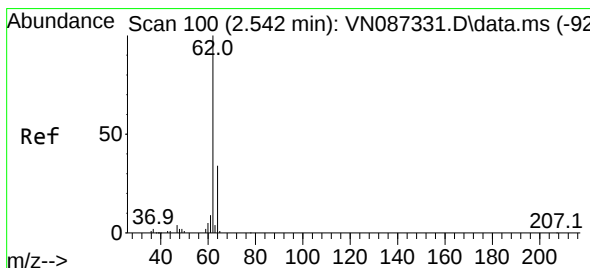
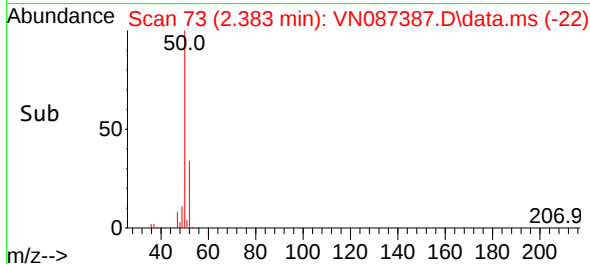
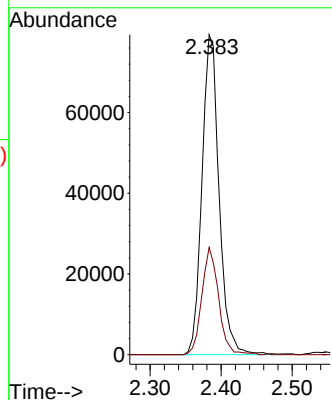
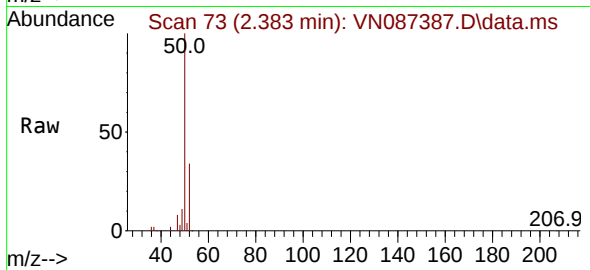
#3
Chloromethane
Concen: 51.996 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087387.D
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Tgt Ion: 50 Resp: 13300
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5

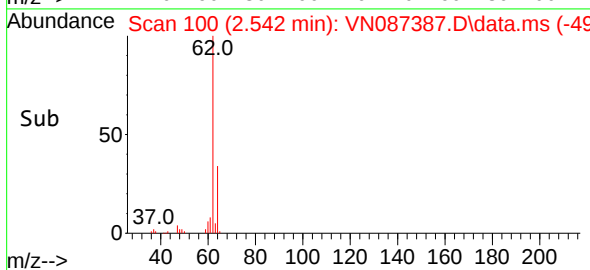
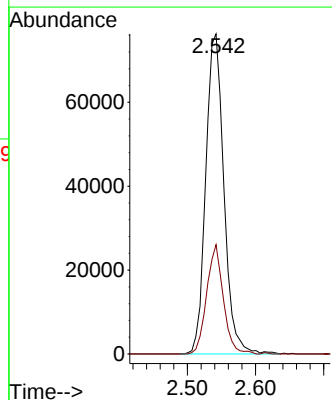
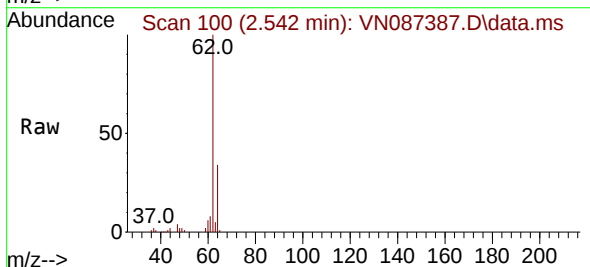
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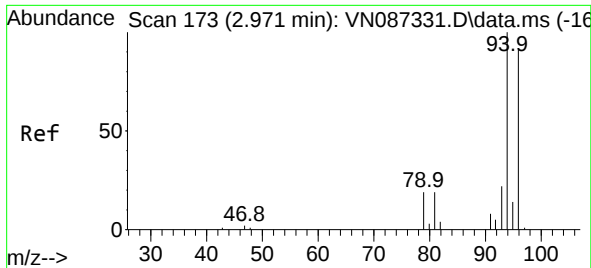
Reviewed By :John Carlone 07/22/2025
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#4
Vinyl Chloride
Concen: 55.580 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087387.D
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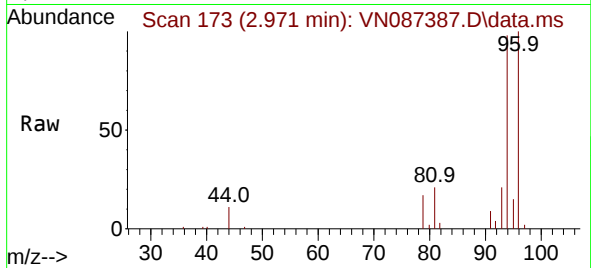
Tgt Ion: 62 Resp: 141291
Ion Ratio Lower Upper
62 100
64 34.2 27.0 40.6





#5
Bromomethane
Concen: 37.027 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087387.D
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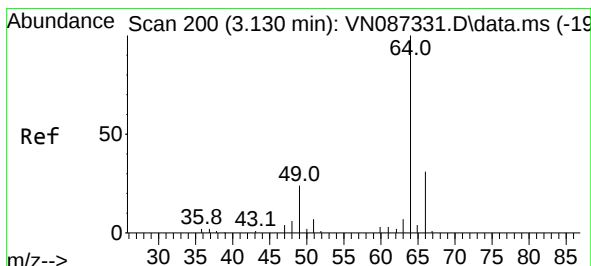
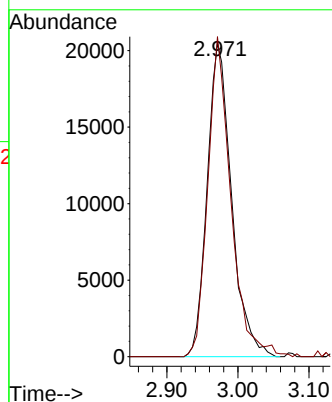
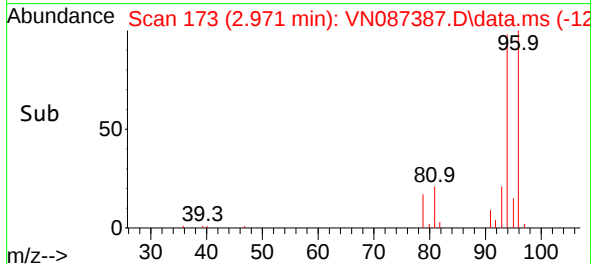
Instrument :
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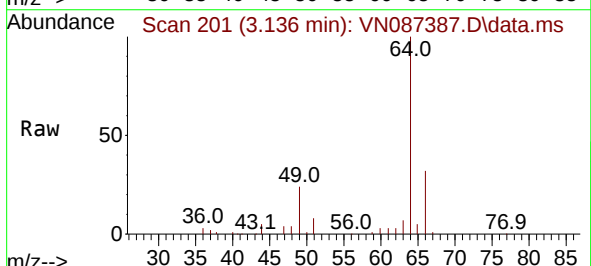
Tgt Ion: 94 Resp: 48744
Ion Ratio Lower Upper
94 100
96 102.3 73.4 110.2

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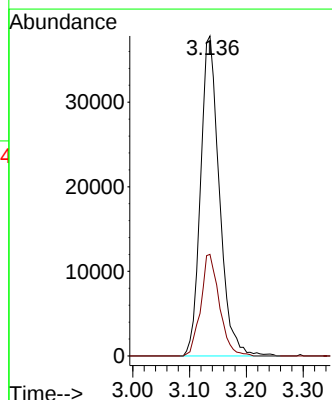
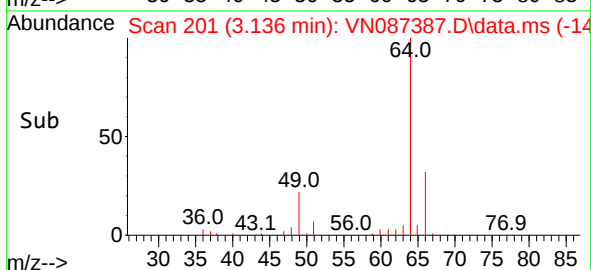
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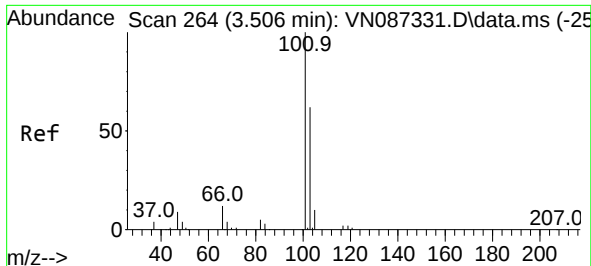


#6
Chloroethane
Concen: 52.460 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087387.D
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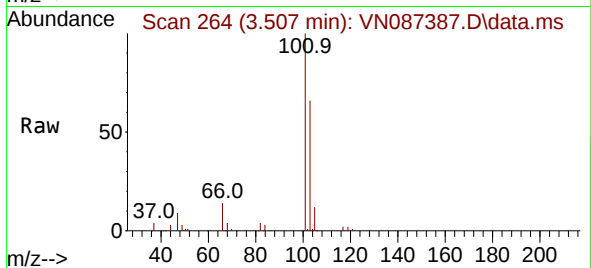
Tgt Ion: 64 Resp: 86971
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





#7
Trichlorofluoromethane
Concen: 56.050 ug/l
RT: 3.507 min Scan# 210692
Delta R.T. 0.000 min
Lab File: VN087387.D
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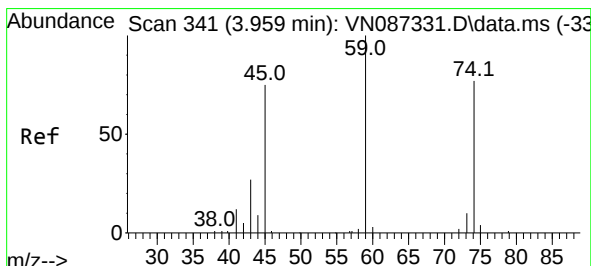
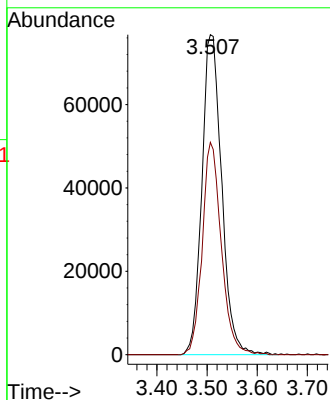
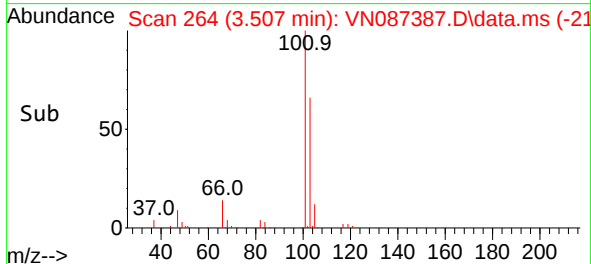
Instrument :
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VSTDCCC050EC



Tgt Ion:101 Resp: 210692
Ion Ratio Lower Upper
101 100
103 66.4 49.8 74.6

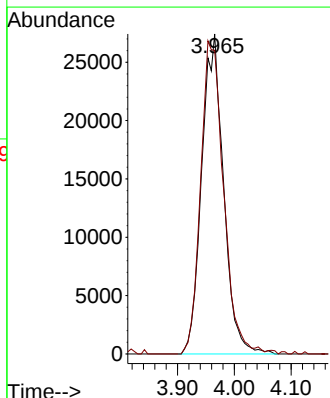
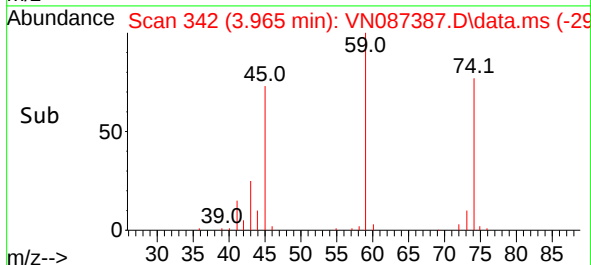
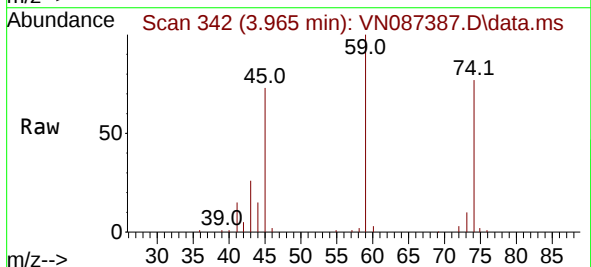
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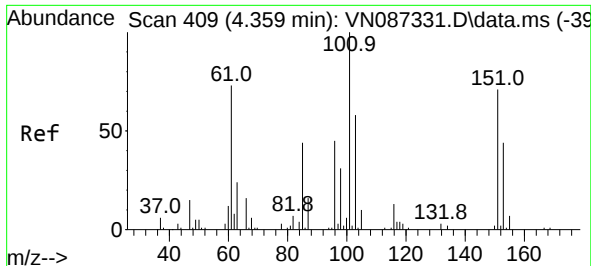
Reviewed By :John Carlone 07/22/2025
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#8
Diethyl Ether
Concen: 50.193 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
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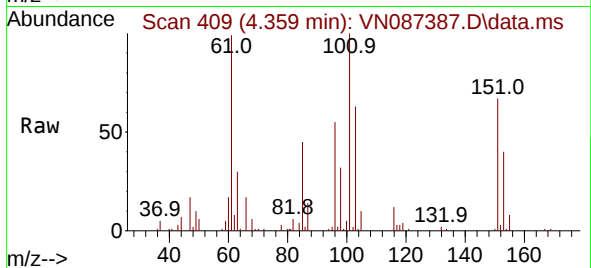
Tgt Ion: 74 Resp: 73189
Ion Ratio Lower Upper
74 100
45 102.6 50.8 152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.155 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN087387.D
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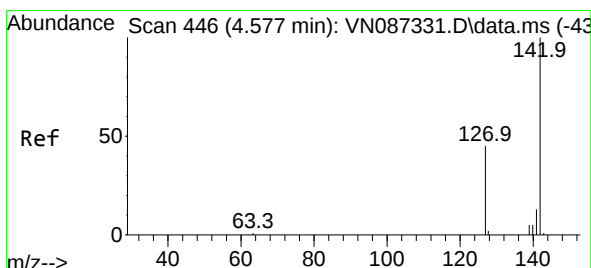
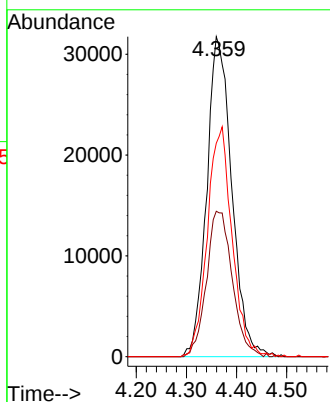
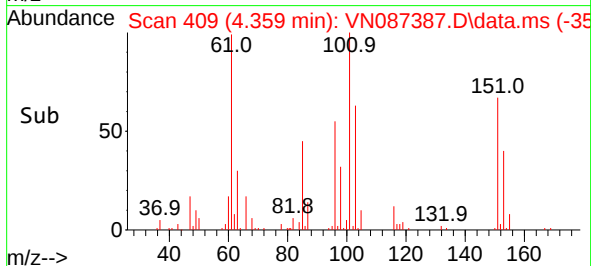
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 11028
Ion Ratio Lower Upper
101 100
85 46.7 37.3 55.9
151 71.0 58.9 88.3

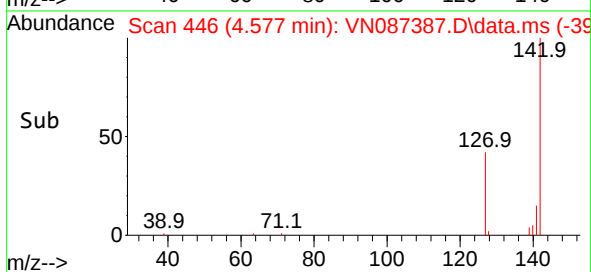
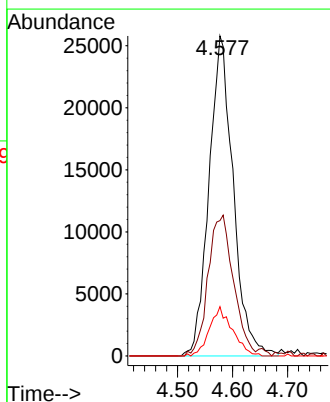
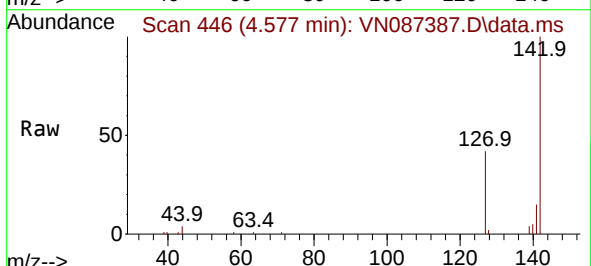
Manual Integrations
APPROVED

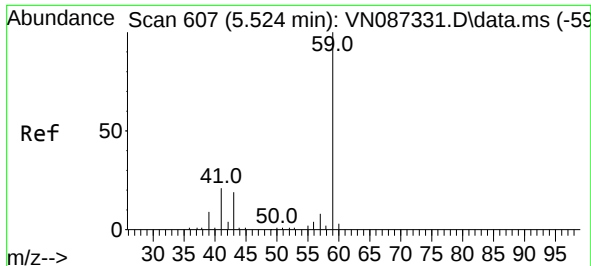
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#10
Methyl Iodide
Concen: 40.881 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

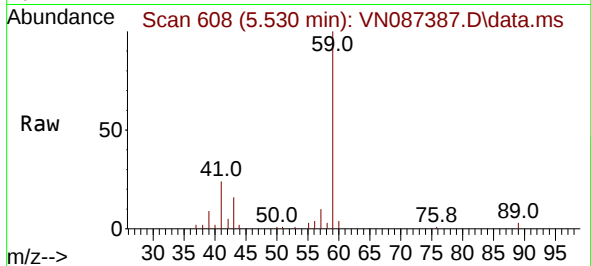
Tgt Ion:142 Resp: 78857
Ion Ratio Lower Upper
142 100
127 42.3 35.7 53.5
141 15.4 10.4 15.6





#11
Tert butyl alcohol
Concen: 244.615 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

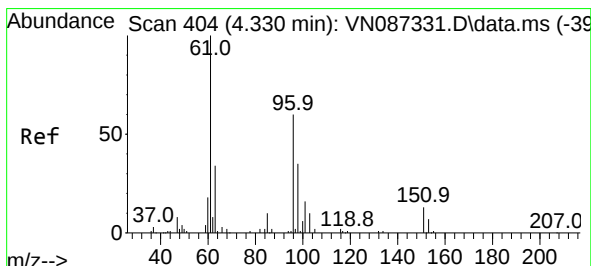
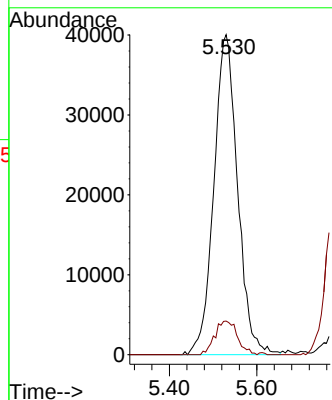
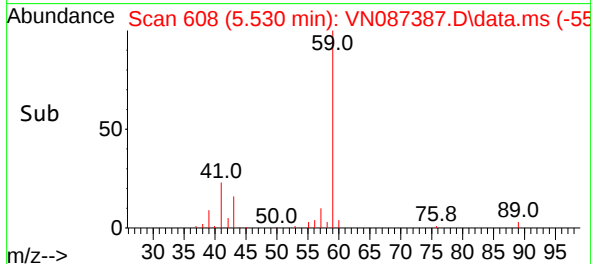
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 150936
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

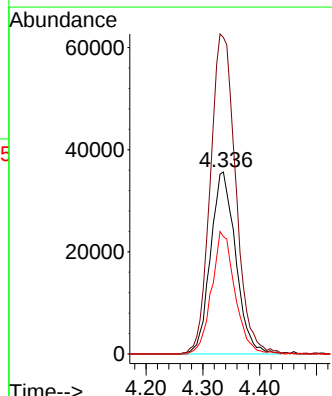
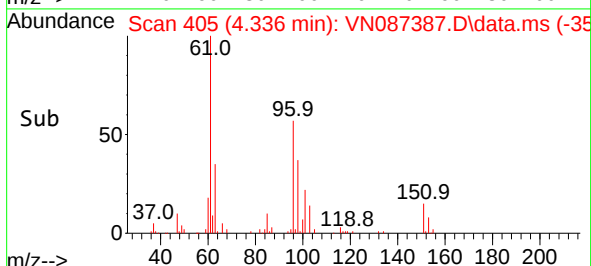
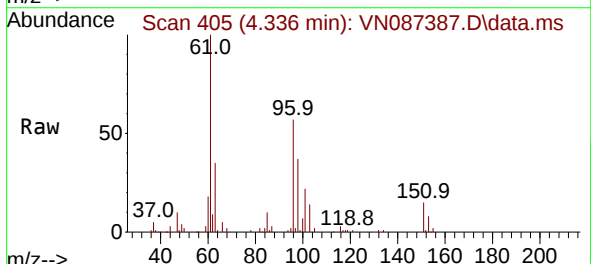
Manual Integrations
APPROVED

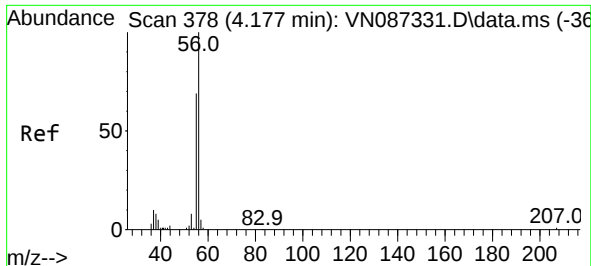
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#12
1,1-Dichloroethene
Concen: 50.045 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

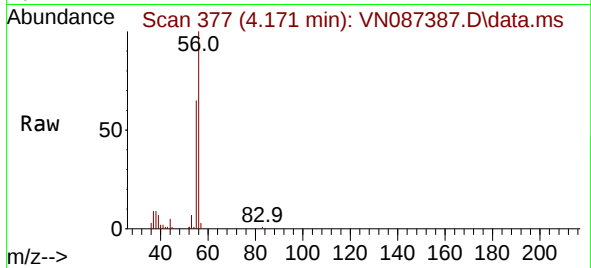
Tgt Ion: 96 Resp: 109432
Ion Ratio Lower Upper
96 100
61 174.1 132.3 198.5
98 64.6 46.8 70.2





#13
Acrolein
Concen: 176.120 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

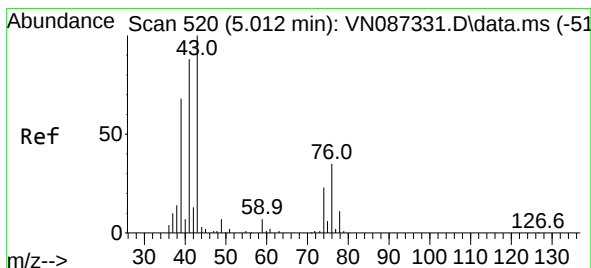
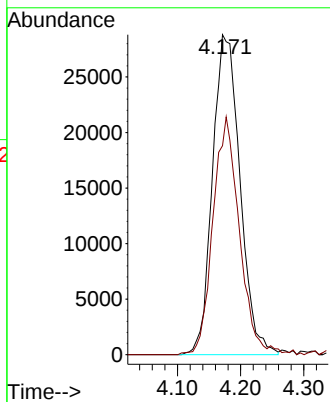
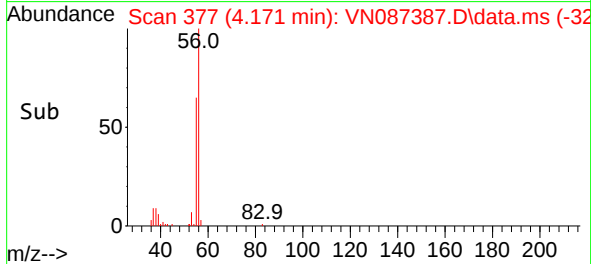
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 8721
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.4

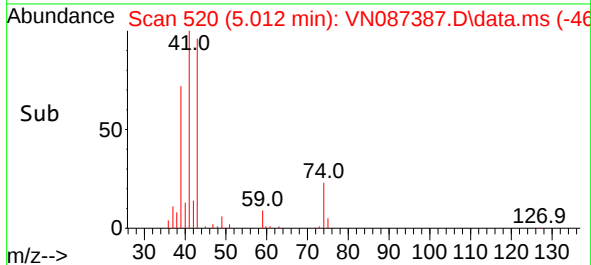
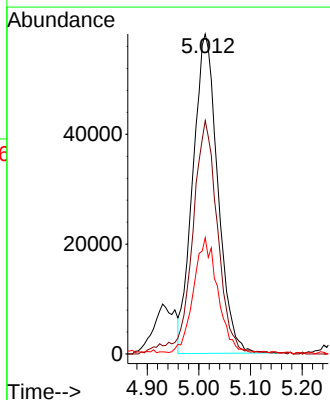
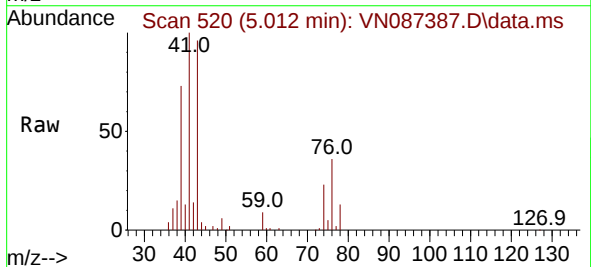
Manual Integrations
APPROVED

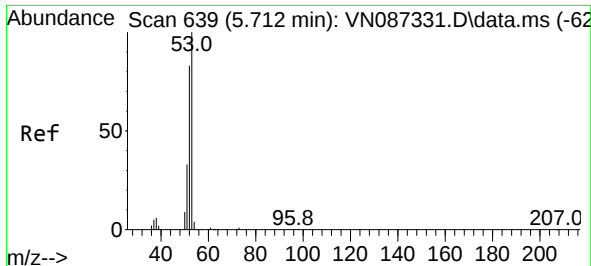
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#14
Allyl chloride
Concen: 49.259 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

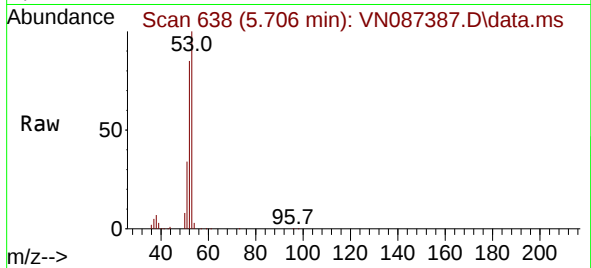
Tgt Ion: 41 Resp: 194931
Ion Ratio Lower Upper
41 100
39 74.3 59.0 88.6
76 34.8 28.7 43.1





#15
Acrylonitrile
Concen: 250.470 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

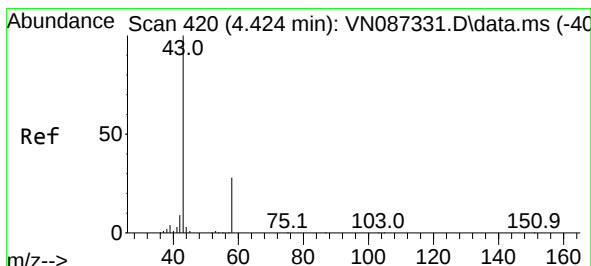
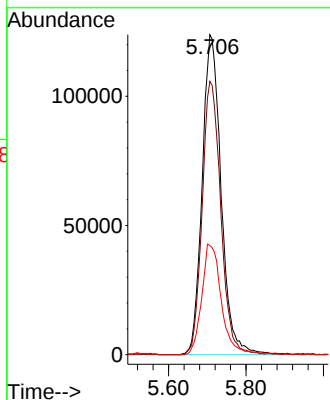
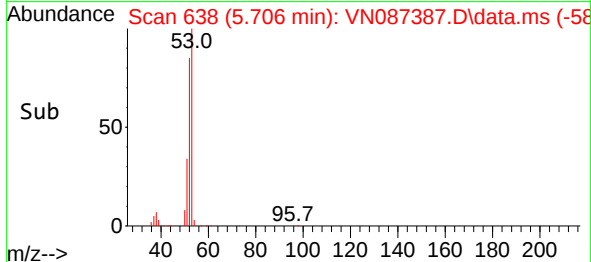
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 419384
Ion Ratio Lower Upper
53 100
52 84.0 65.5 98.3
51 35.6 28.7 43.1

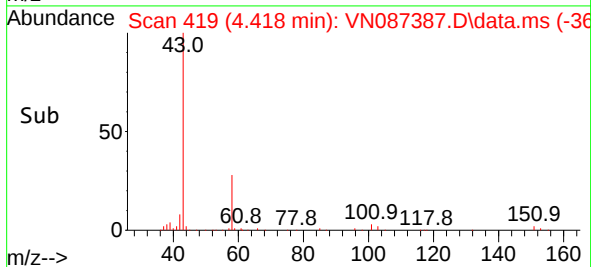
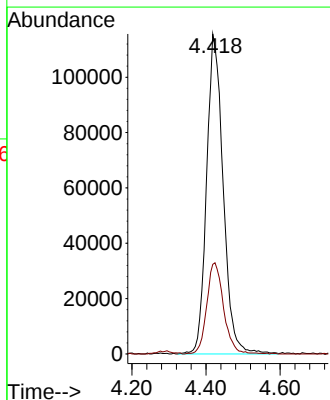
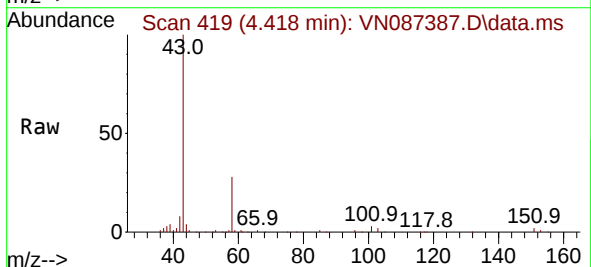
Manual Integrations
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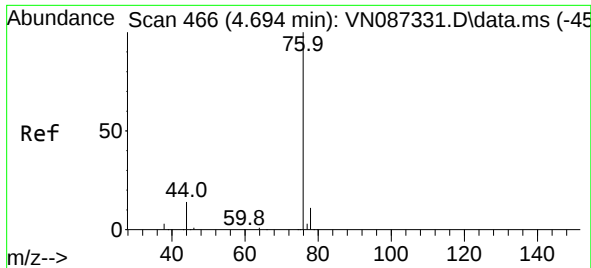
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#16
Acetone
Concen: 235.425 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Tgt Ion: 43 Resp: 358708
Ion Ratio Lower Upper
43 100
58 28.0 22.3 33.5





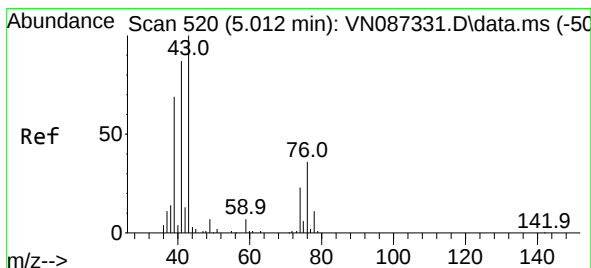
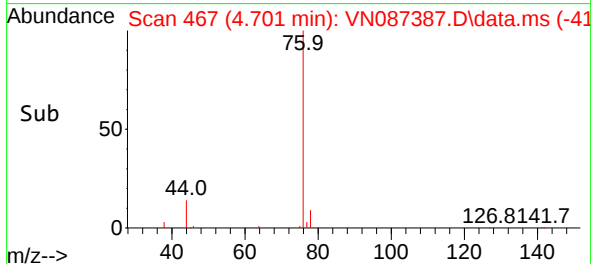
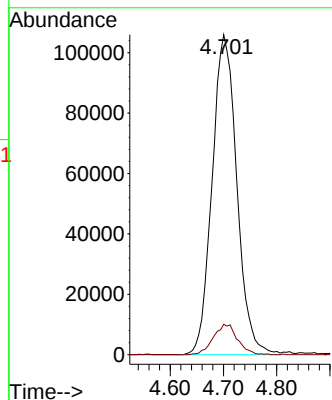
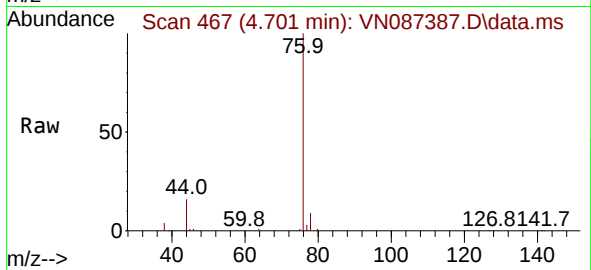
#17
Carbon Disulfide
Concen: 52.659 ug/l
RT: 4.701 min Scan# 467
Delta R.T. 0.007 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 34138
Ion Ratio Lower Upper
76 100
78 9.5 8.6 13.0

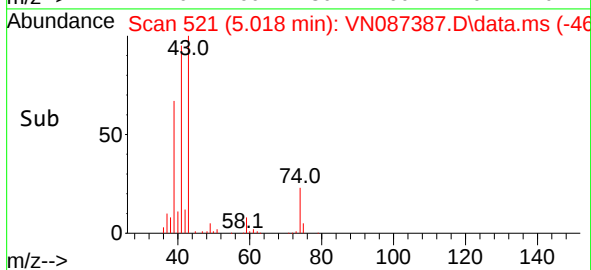
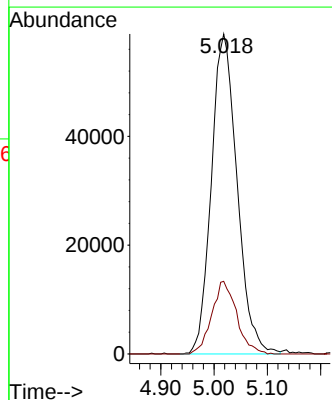
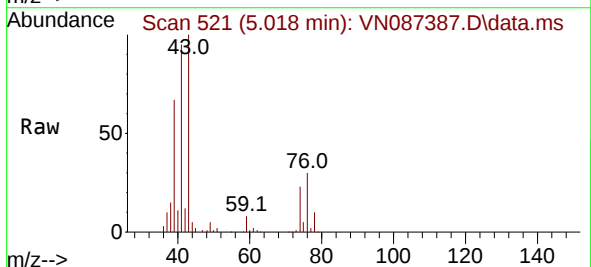
Manual Integrations
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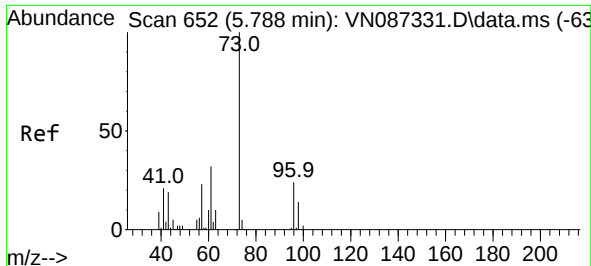
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#18
Methyl Acetate
Concen: 51.540 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

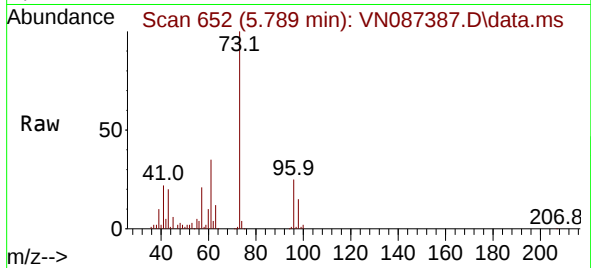
Tgt Ion: 43 Resp: 197297
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 51.865 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

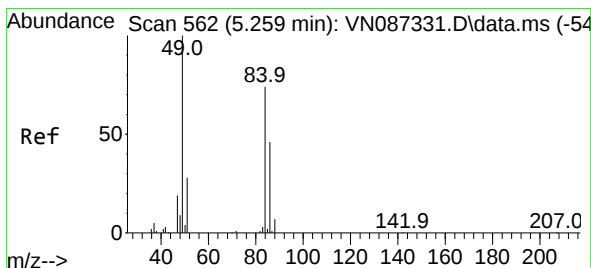
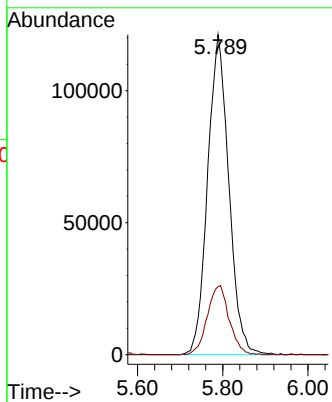
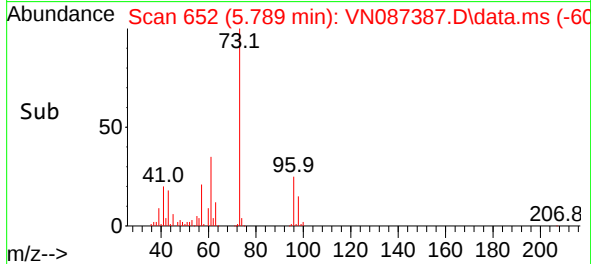
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 41802
Ion Ratio Lower Upper
73 100
57 21.3 18.6 27.8

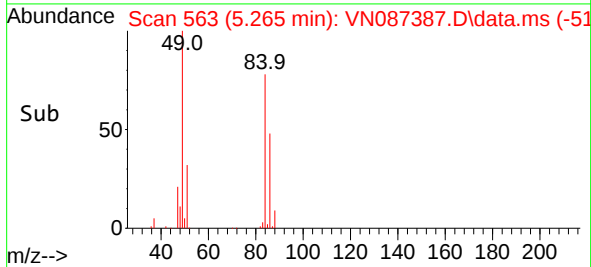
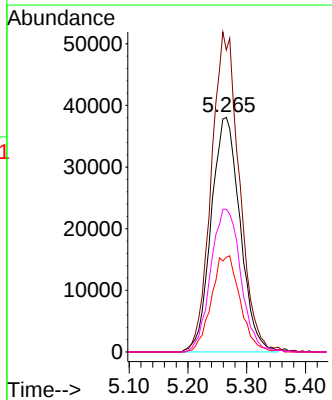
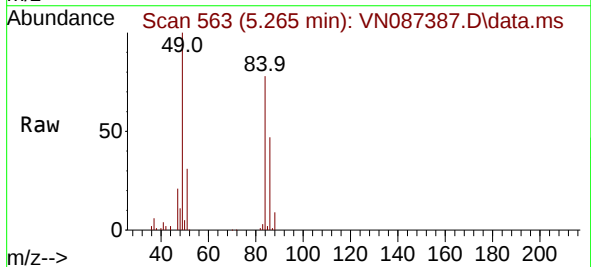
Manual Integrations
APPROVED

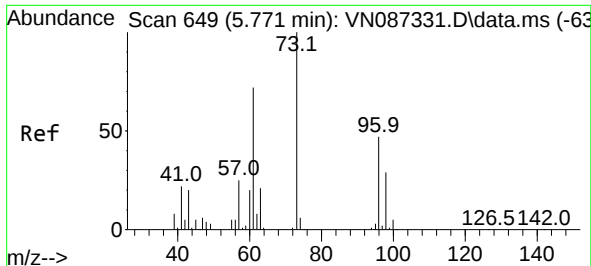
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#20
Methylene Chloride
Concen: 50.425 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

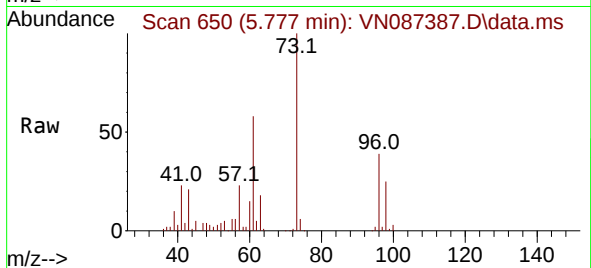
Tgt Ion: 84 Resp: 129865
Ion Ratio Lower Upper
84 100
49 128.7 107.5 161.3
51 40.4 30.2 45.2
86 60.8 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 50.212 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

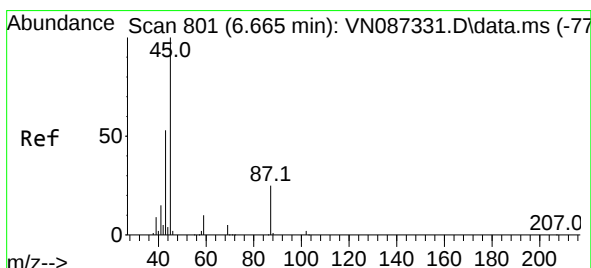
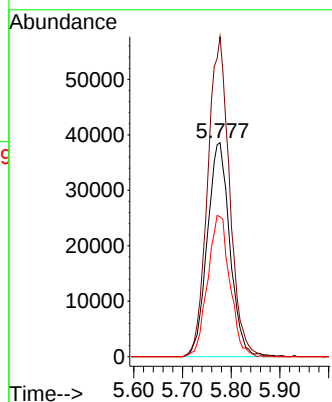
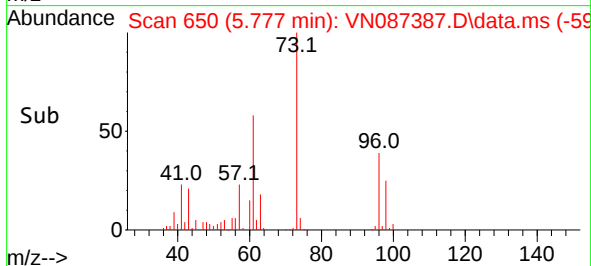
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 123800
Ion Ratio Lower Upper
96 100
61 149.5 122.0 183.0
98 65.3 50.0 75.0

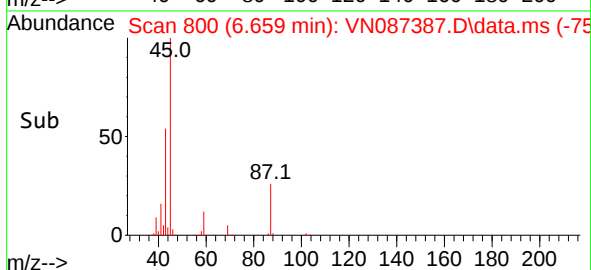
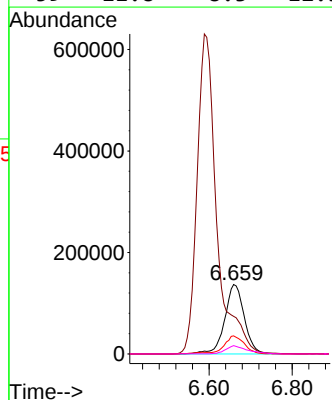
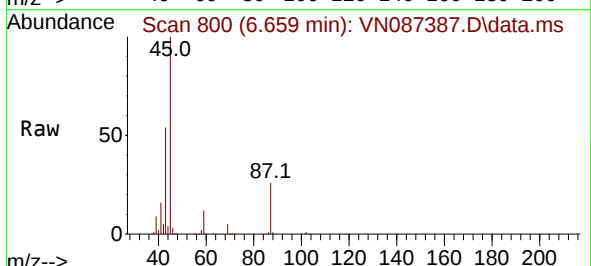
Manual Integrations
APPROVED

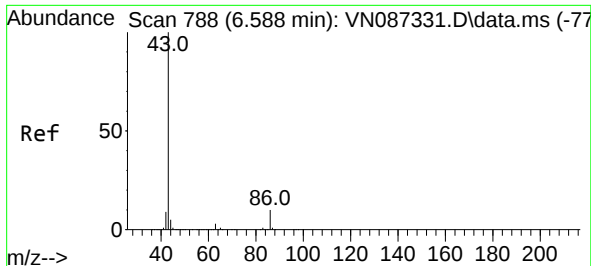
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#22
Diisopropyl ether
Concen: 53.898 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

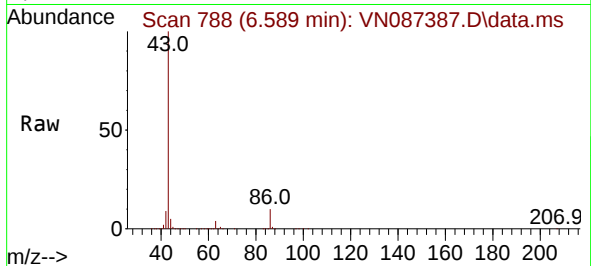
Tgt Ion: 45 Resp: 447401
Ion Ratio Lower Upper
45 100
43 53.4 42.8 64.2
87 26.0 19.8 29.6
59 11.8 8.3 12.5





#23
 Vinyl Acetate
 Concen: 285.355 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.001 min
 Lab File: VN087387.D
 Acq: 21 Jul 2025 17:50

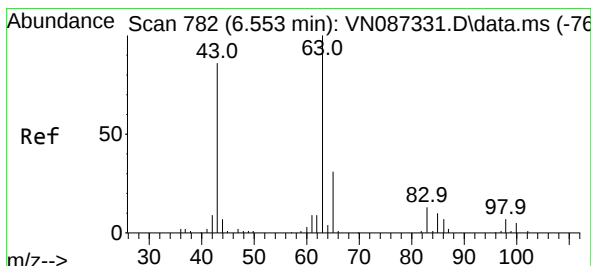
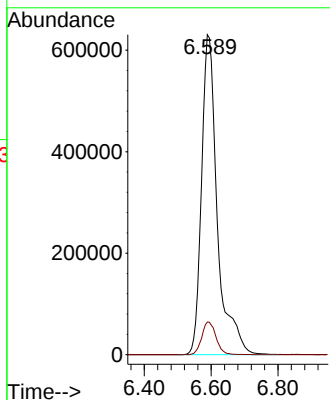
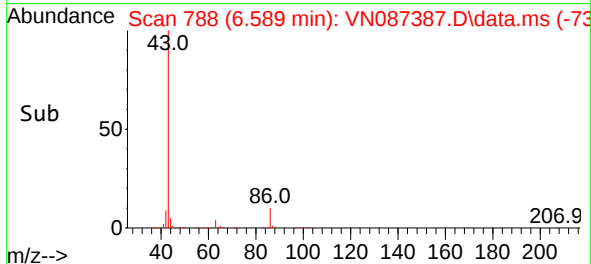
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



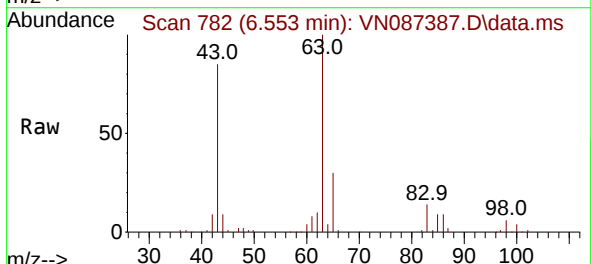
Tgt Ion: 43 Resp: 2071638
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.7 11.5

Manual Integrations
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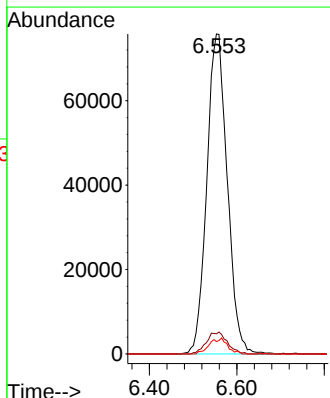
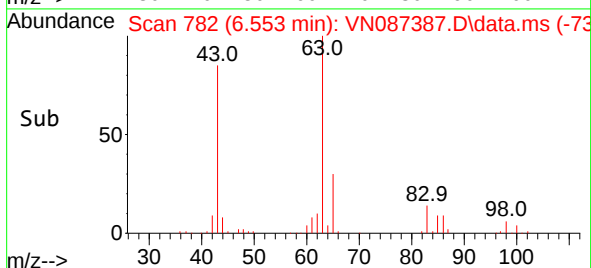
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

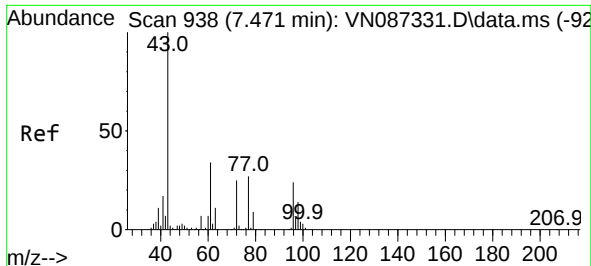


#24
 1,1-Dichloroethane
 Concen: 51.460 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087387.D
 Acq: 21 Jul 2025 17:50



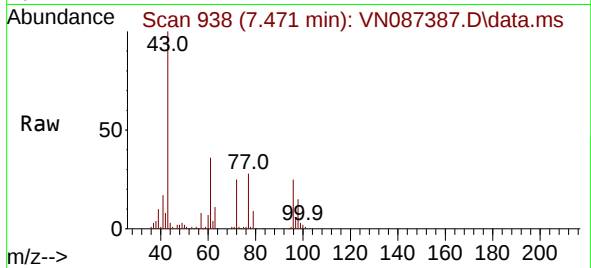
Tgt Ion: 63 Resp: 246438
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 254.212 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

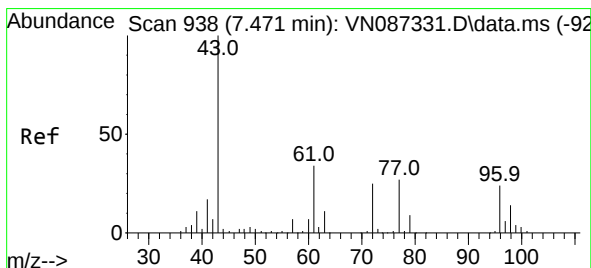
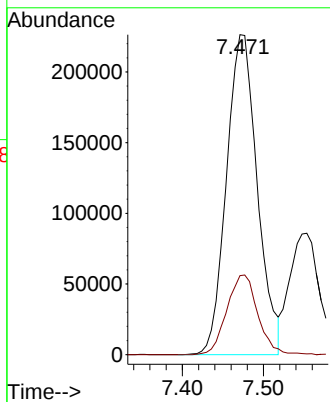
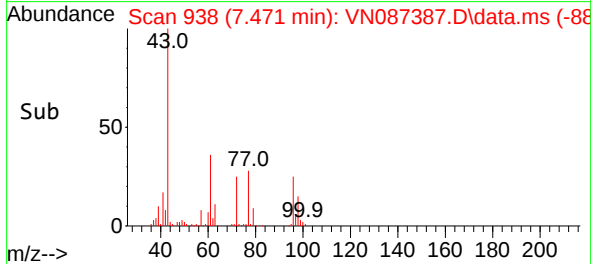
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



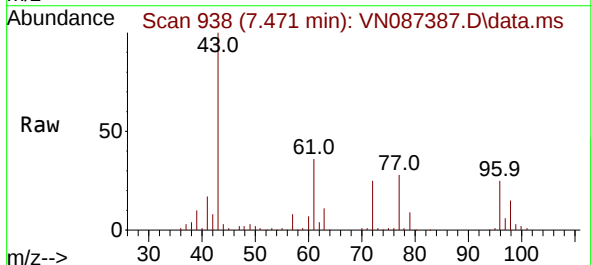
Tgt Ion: 43 Resp: 598460
Ion Ratio Lower Upper
43 100
72 24.7 19.6 29.4

Manual Integrations
APPROVED

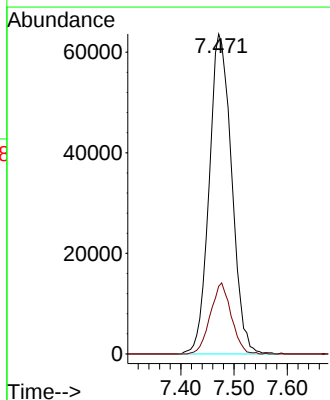
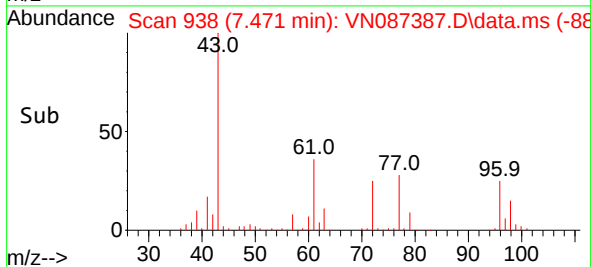
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

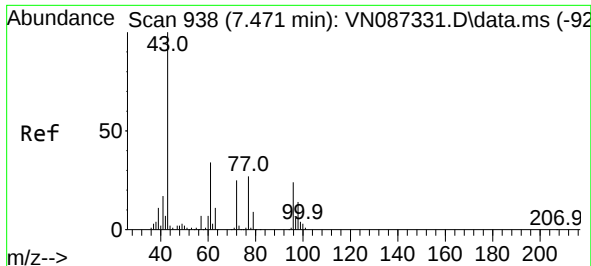


#26
2,2-Dichloropropane
Concen: 50.063 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



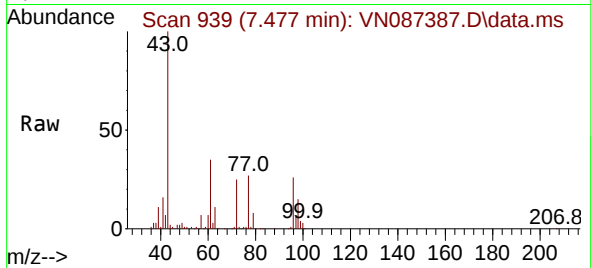
Tgt Ion: 77 Resp: 186400
Ion Ratio Lower Upper
77 100
97 20.7 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 52.323 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

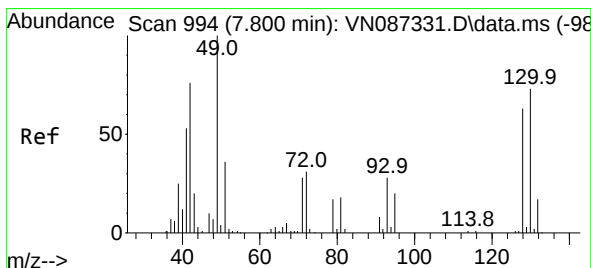
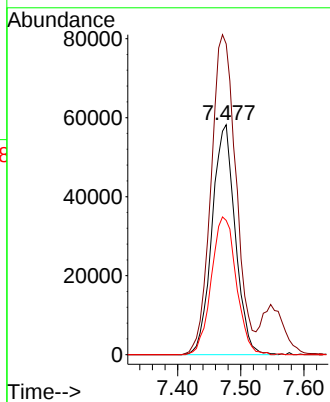
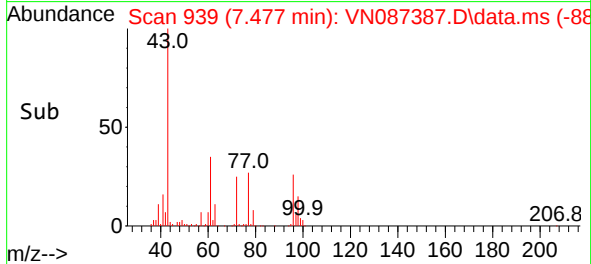
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 148524
Ion Ratio Lower Upper
96 100
61 150.1 0.0 297.8
98 64.4 0.0 132.4

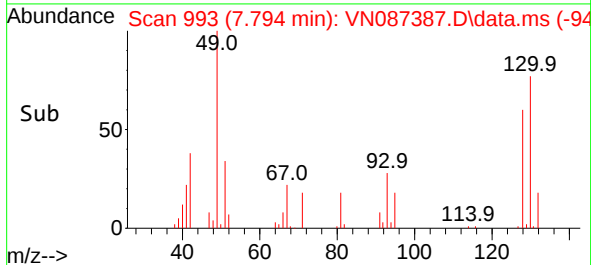
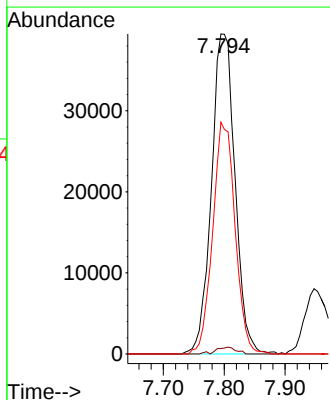
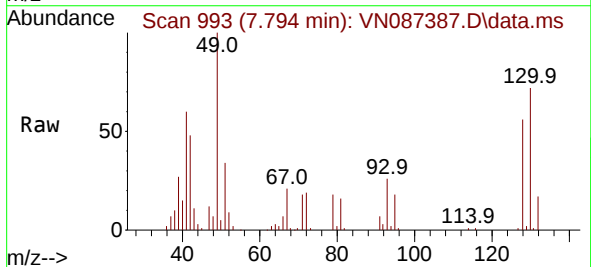
Manual Integrations
APPROVED

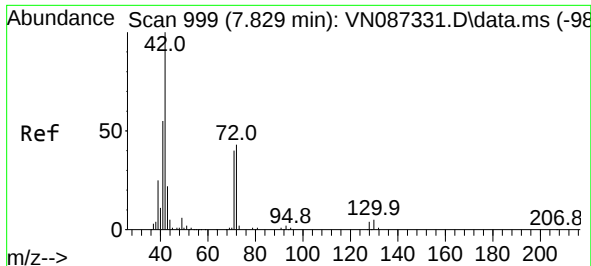
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#28
Bromochloromethane
Concen: 46.348 ug/l
RT: 7.794 min Scan# 993
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Tgt Ion: 49 Resp: 106228
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.2
130 68.7 57.3 85.9





#29

Tetrahydrofuran

Concen: 256.877 ug/l

RT: 7.824 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN087387.D

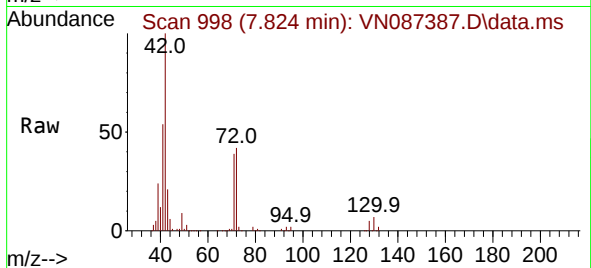
Acq: 21 Jul 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



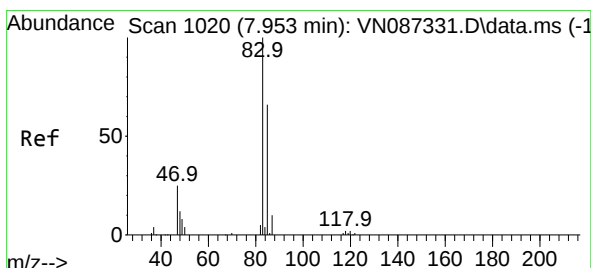
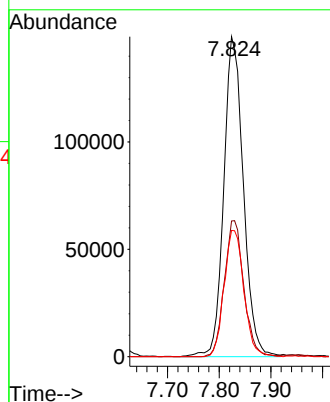
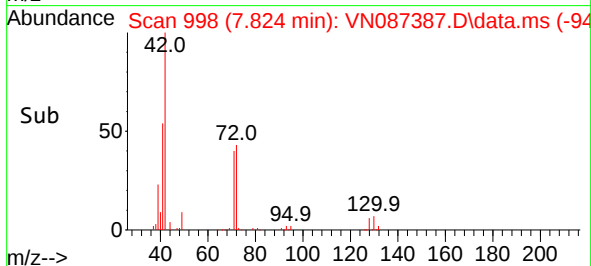
Tgt Ion:	42	Resp:	39285
Ion Ratio	Lower	Upper	
42	100		
72	42.1	33.4	50.0
71	39.8	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#30

Chloroform

Concen: 51.650 ug/l

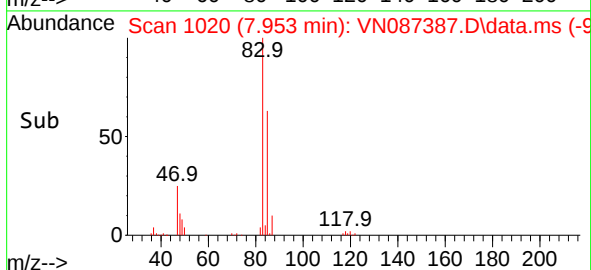
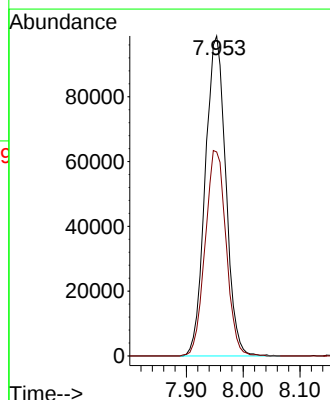
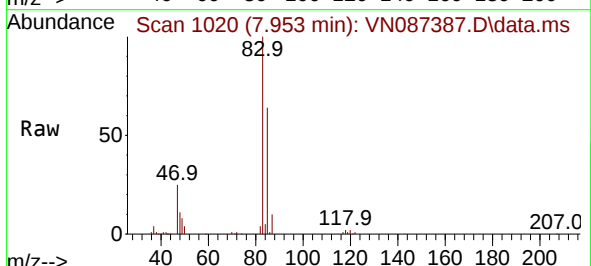
RT: 7.953 min Scan# 1020

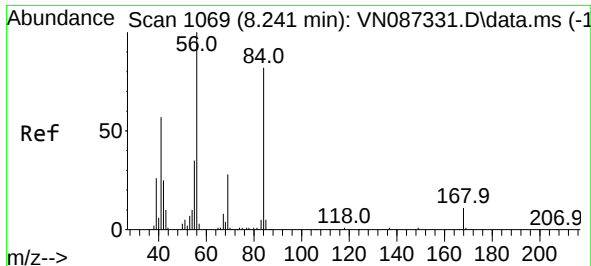
Delta R.T. 0.000 min

Lab File: VN087387.D

Acq: 21 Jul 2025 17:50

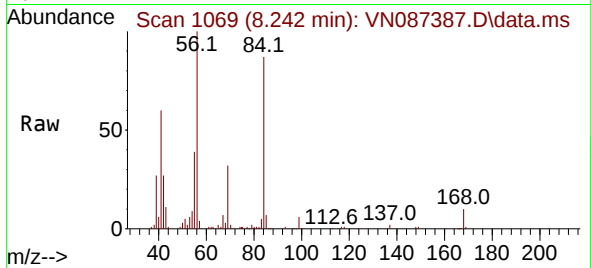
Tgt Ion:	83	Resp:	247579
Ion Ratio	Lower	Upper	
83	100		
85	63.7	52.7	79.1





#31
Cyclohexane
Concen: 56.384 ug/l
RT: 8.242 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

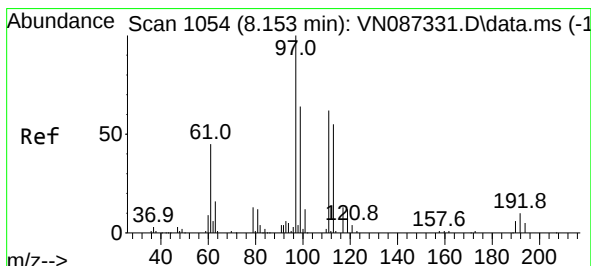
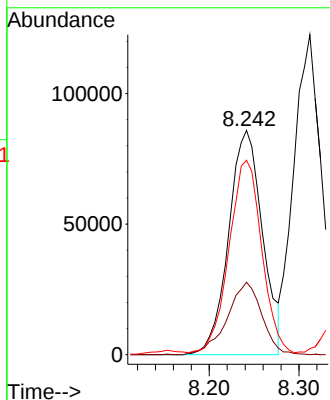
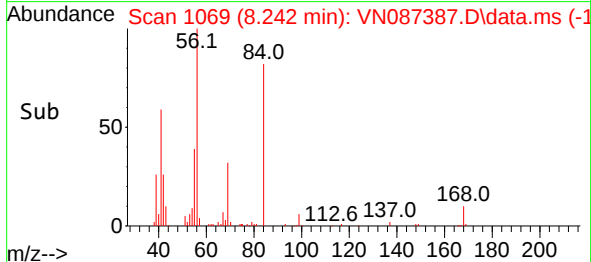
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



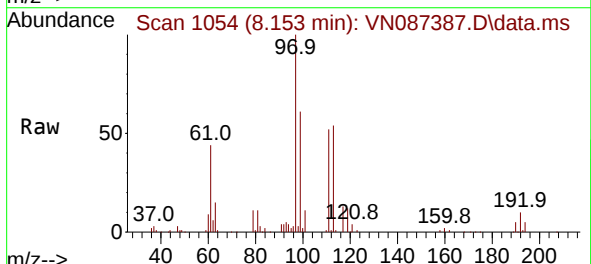
Tgt Ion: 56 Resp: 225250
Ion Ratio Lower Upper
56 100
69 32.3 22.7 34.1
84 85.3 65.8 98.6

Manual Integrations
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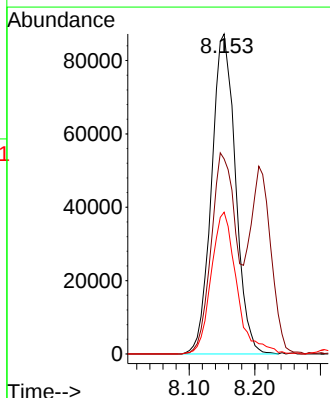
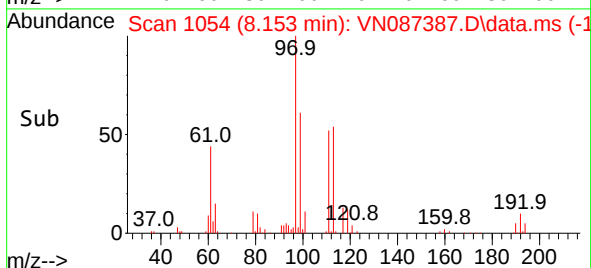
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

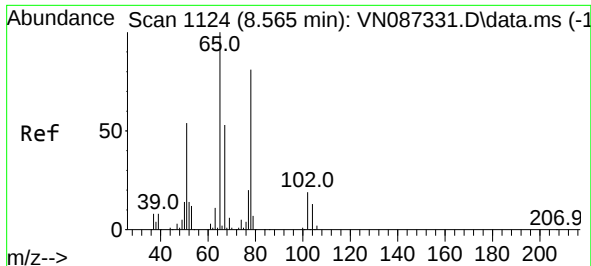


#32
1,1,1-Trichloroethane
Concen: 53.174 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



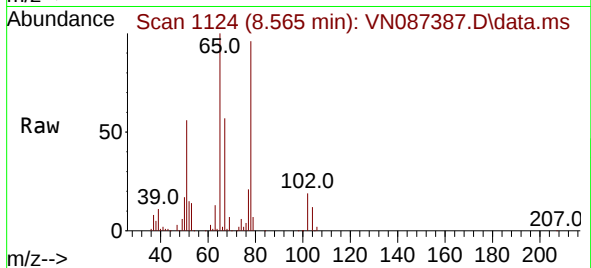
Tgt Ion: 97 Resp: 220760
Ion Ratio Lower Upper
97 100
99 65.9 51.8 77.8
61 47.4 38.7 58.1





#33
1,2-Dichloroethane-d4
Concen: 47.201 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

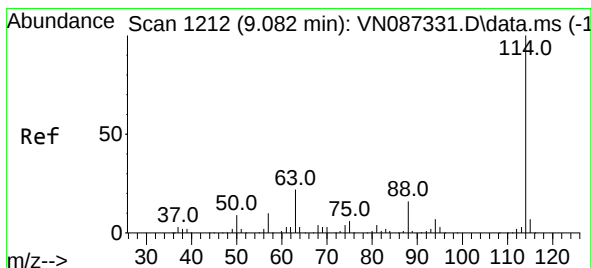
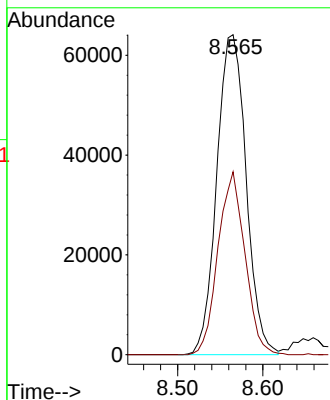
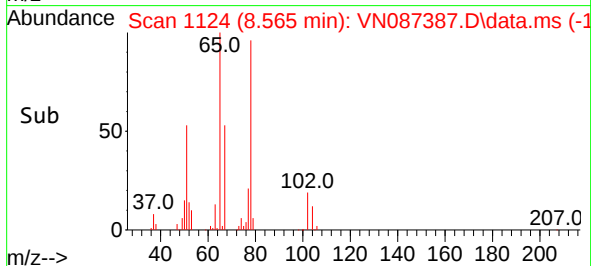
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



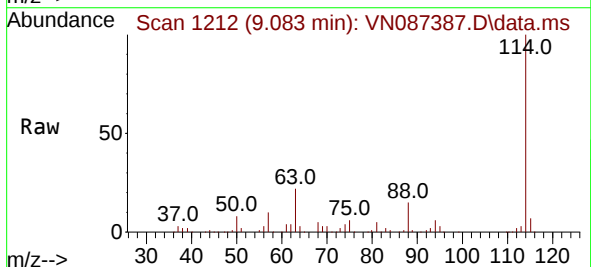
Tgt Ion: 65 Resp: 15338
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0

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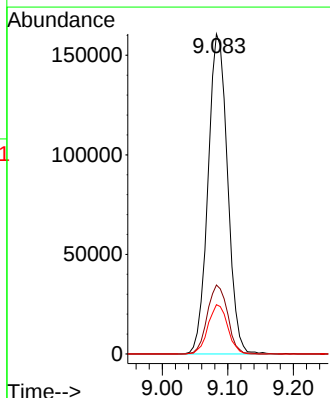
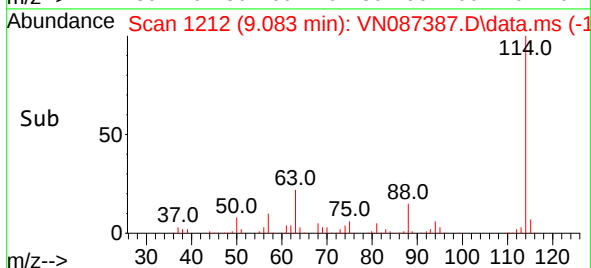
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

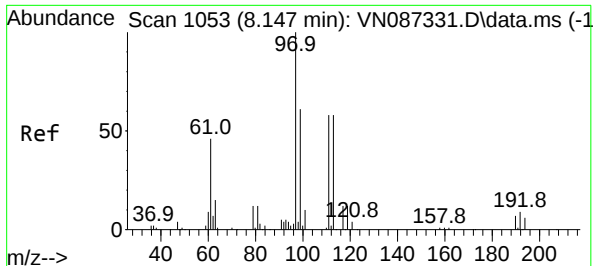


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.001 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



Tgt Ion:114 Resp: 331826
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.6
88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.324 ug/l

RT: 8.153 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VN087387.D

Acq: 21 Jul 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 112900

Ion Ratio Lower Upper

113 100

111 102.0 82.5 123.7

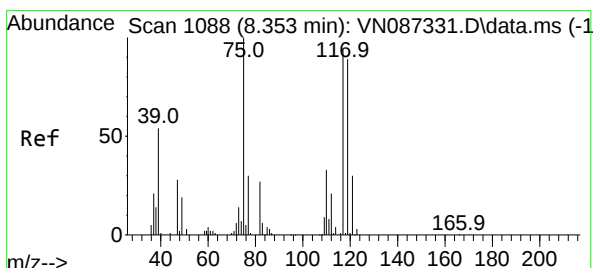
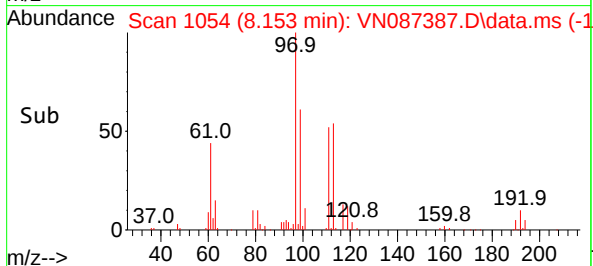
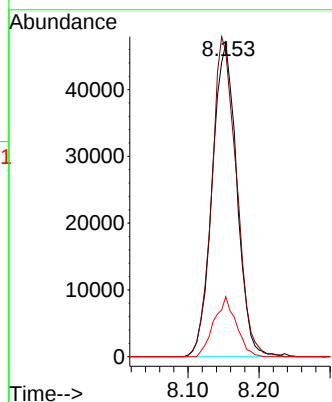
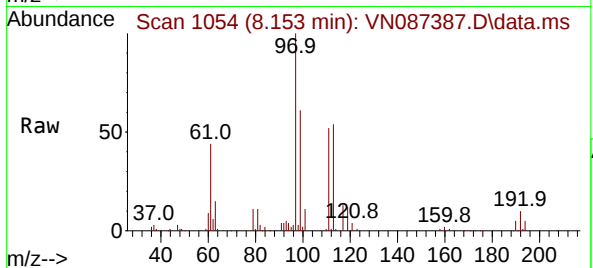
192 17.2 13.7 20.5

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#36

1,1-Dichloropropene

Concen: 59.227 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087387.D

Acq: 21 Jul 2025 17:50

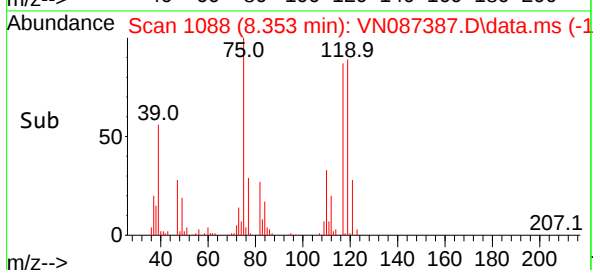
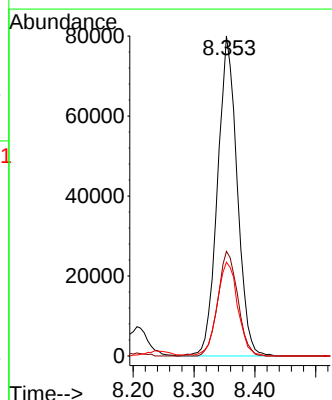
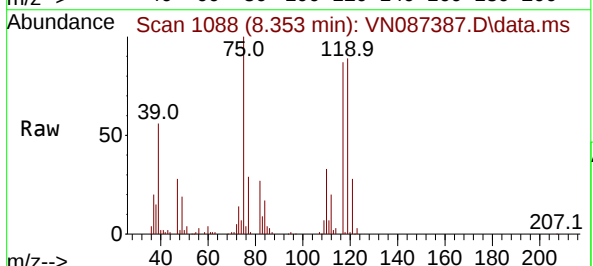
Tgt Ion: 75 Resp: 179107

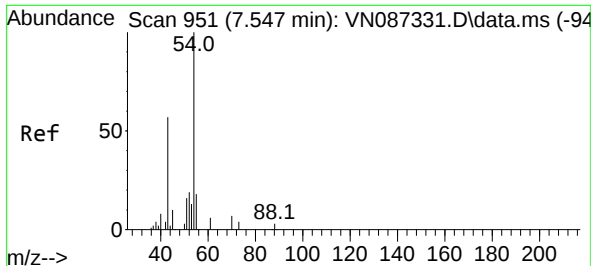
Ion Ratio Lower Upper

75 100

110 33.2 16.7 50.1

77 31.0 25.2 37.8





#37

Ethyl Acetate

Concen: 52.373 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087387.D

Acq: 21 Jul 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 228738

Ion Ratio Lower Upper

43 100

61 13.6 10.9 16.3

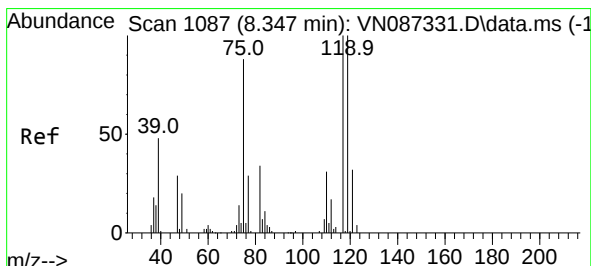
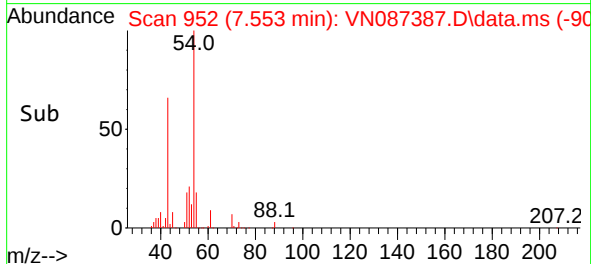
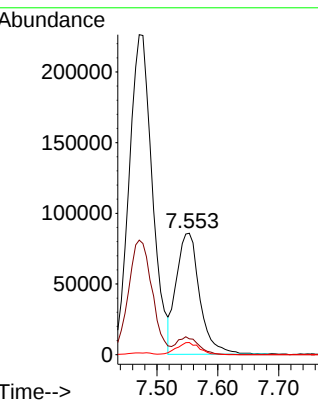
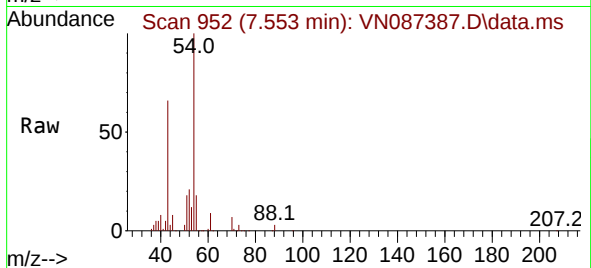
70 9.8 7.4 11.0

Manual Integrations

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Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#38

Carbon Tetrachloride

Concen: 57.671 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VN087387.D

Acq: 21 Jul 2025 17:50

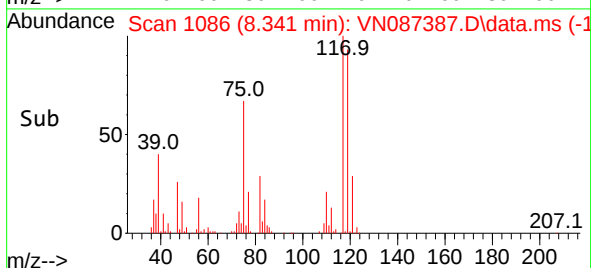
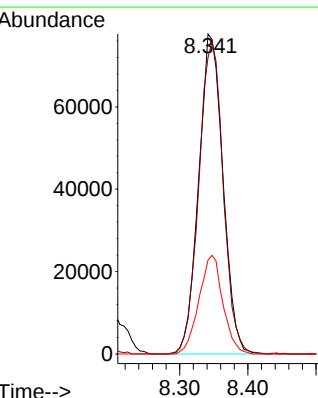
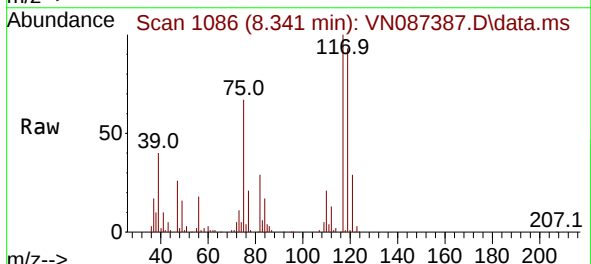
Tgt Ion:117 Resp: 192118

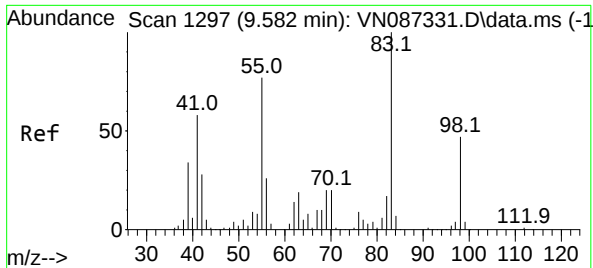
Ion Ratio Lower Upper

117 100

119 92.6 80.2 120.2

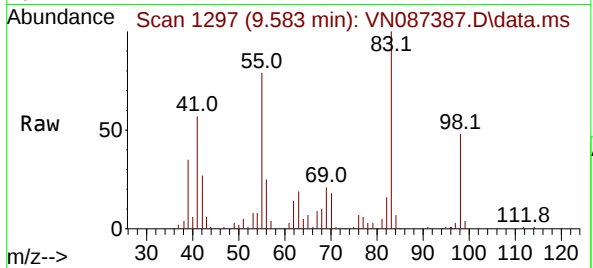
121 29.4 25.4 38.2





#39
Methylcyclohexane
Concen: 64.648 ug/l
RT: 9.583 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

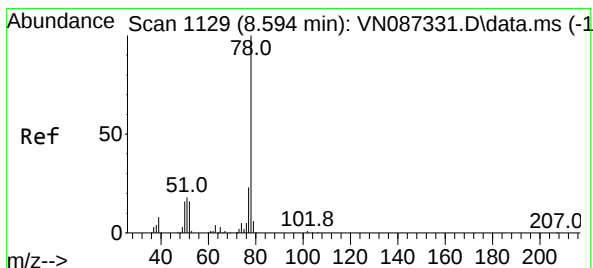
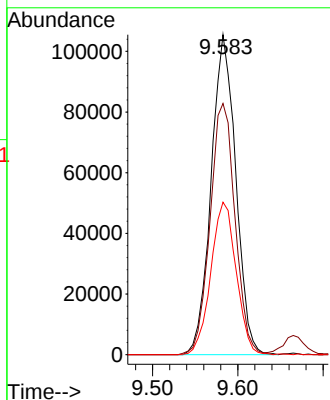
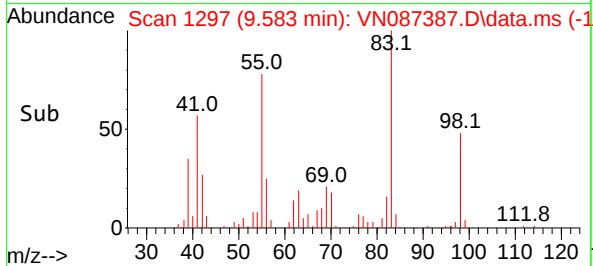
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 21165
Ion Ratio Lower Upper
83 100
55 78.5 61.3 91.9
98 47.7 37.9 56.9

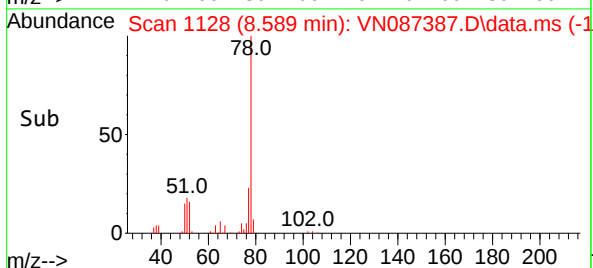
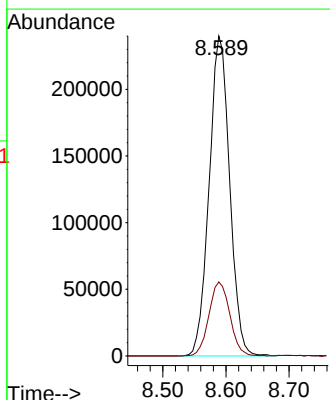
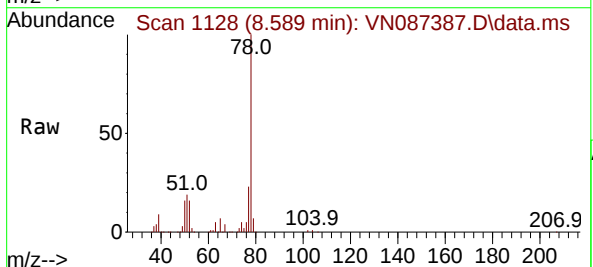
Manual Integrations
APPROVED

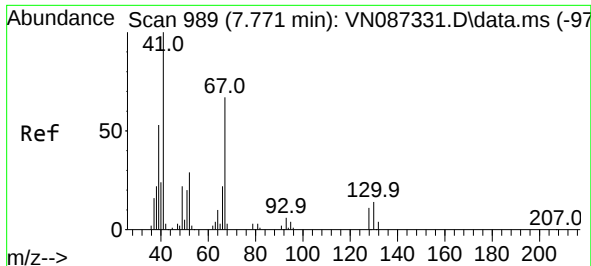
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#40
Benzene
Concen: 55.402 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

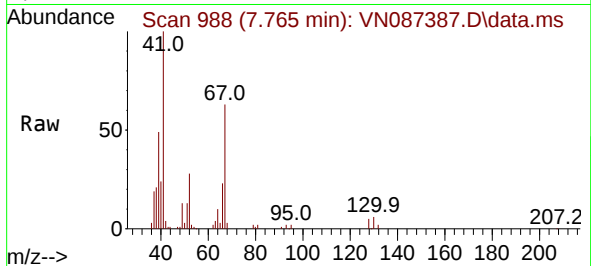
Tgt Ion: 78 Resp: 541490
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.2





#41
Methacrylonitrile
Concen: 55.846 ug/l
RT: 7.765 min Scan# 989
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

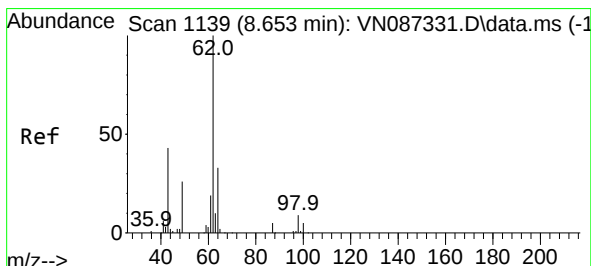
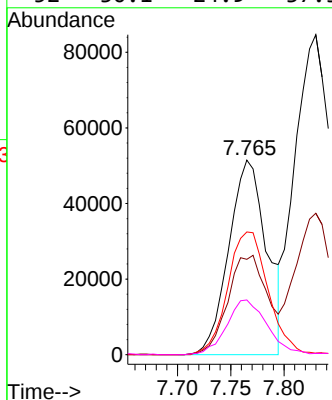
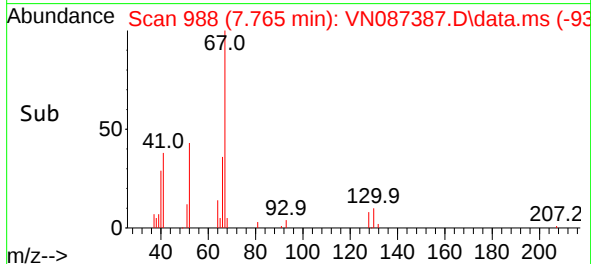
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 12753
Ion Ratio Lower Upper
41 100
39 53.5 43.4 65.0
67 67.3 55.1 82.7
52 30.1 24.9 37.3

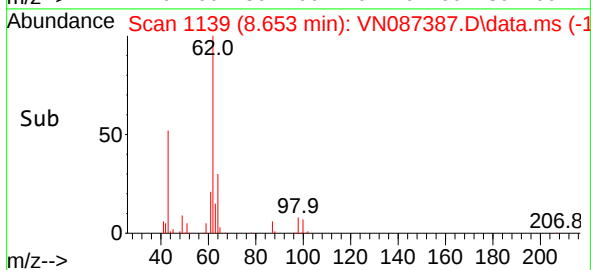
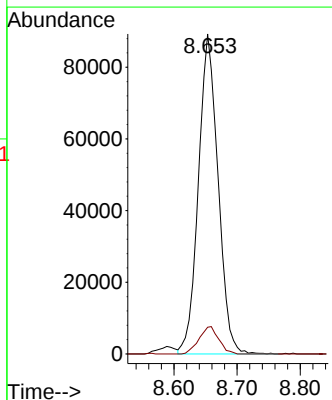
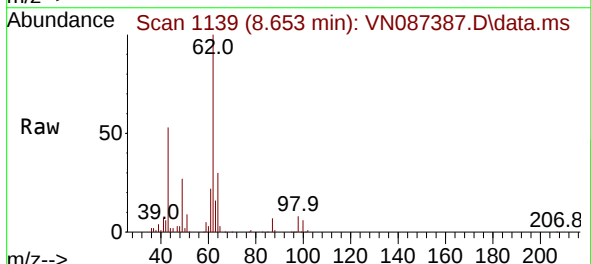
Manual Integrations
APPROVED

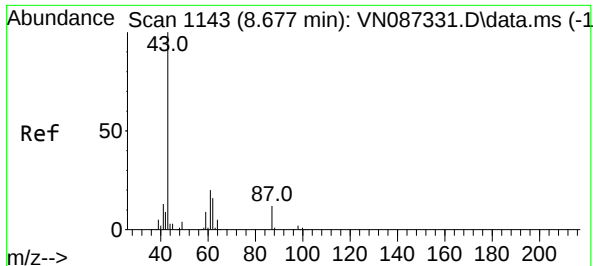
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#42
1,2-Dichloroethane
Concen: 51.982 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

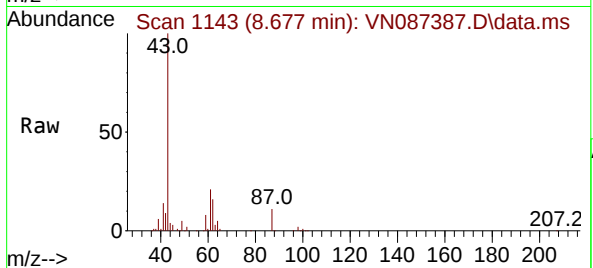
Tgt Ion: 62 Resp: 192670
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43
Isopropyl Acetate
Concen: 53.591 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

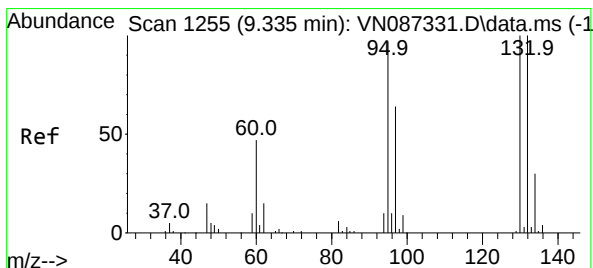
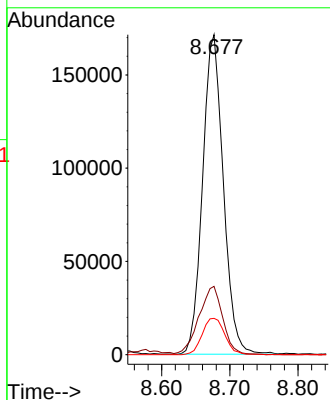
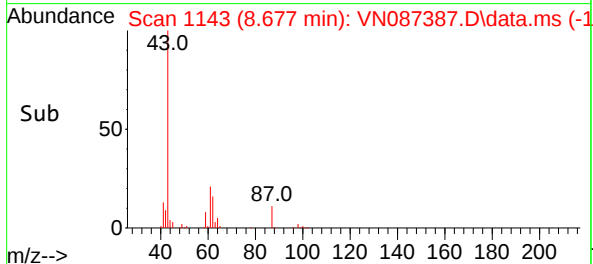
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



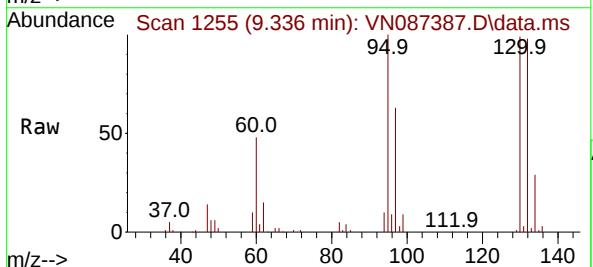
Tgt Ion: 43 Resp: 363338
Ion Ratio Lower Upper
43 100
61 24.6 19.8 29.8
87 12.4 9.8 14.6

Manual Integrations
APPROVED

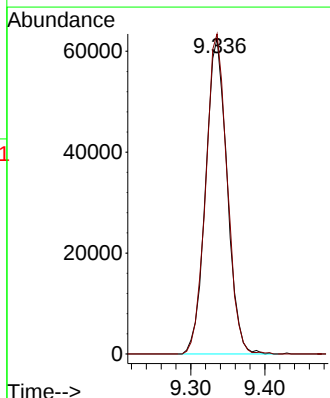
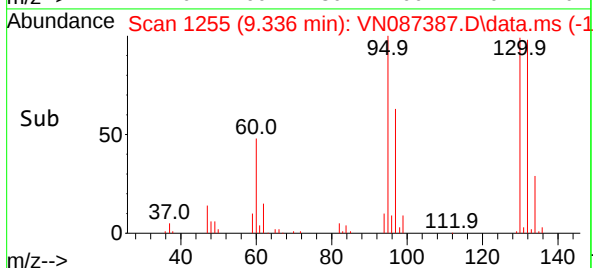
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

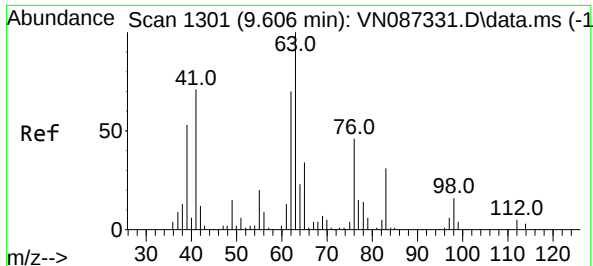


#44
Trichloroethene
Concen: 54.322 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.001 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



Tgt Ion:130 Resp: 125452
Ion Ratio Lower Upper
130 100
95 101.3 0.0 195.2





#45

1,2-Dichloropropane

Concen: 54.760 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087387.D

Acq: 21 Jul 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 135992

Ion Ratio Lower Upper

63 100

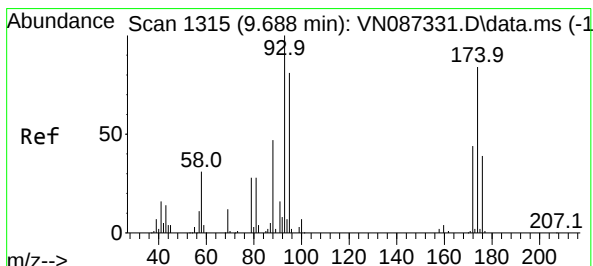
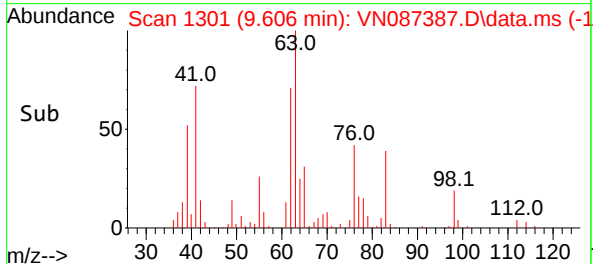
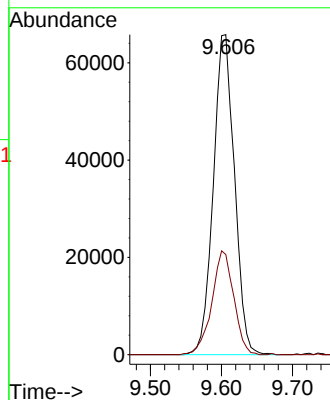
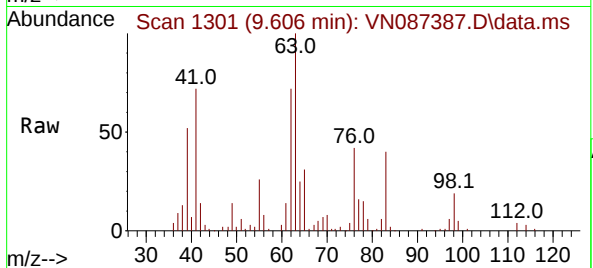
65 31.3 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#46

Dibromomethane

Concen: 51.955 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087387.D

Acq: 21 Jul 2025 17:50

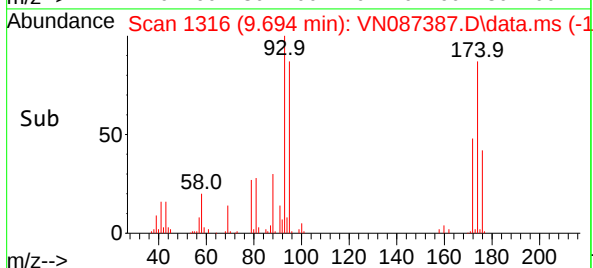
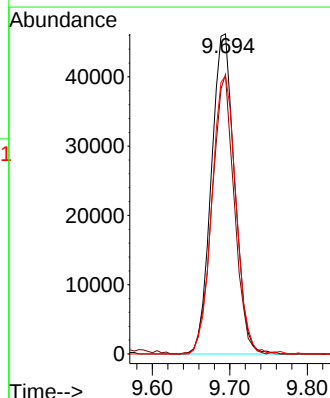
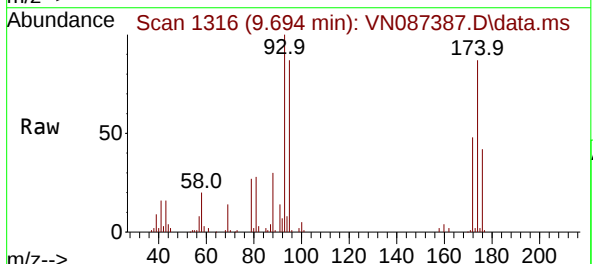
Tgt Ion: 93 Resp: 96606

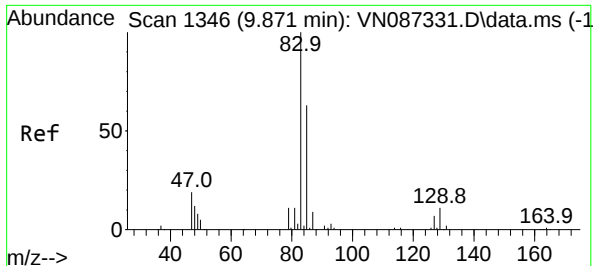
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

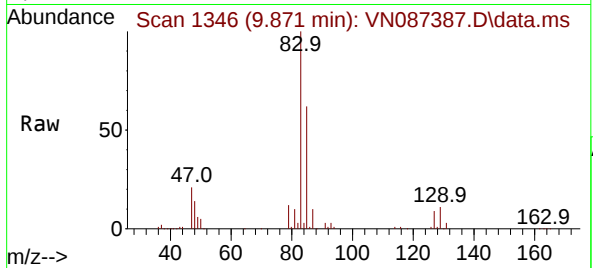
174 89.3 69.9 104.9





#47
Bromodichloromethane
Concen: 52.287 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

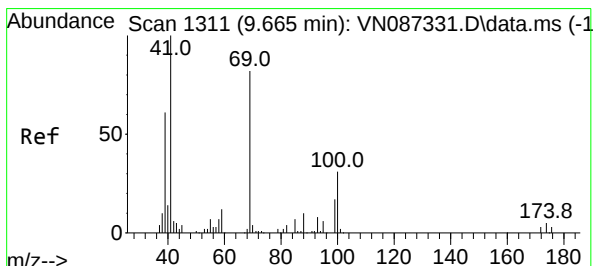
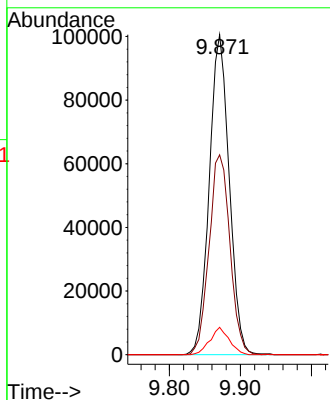
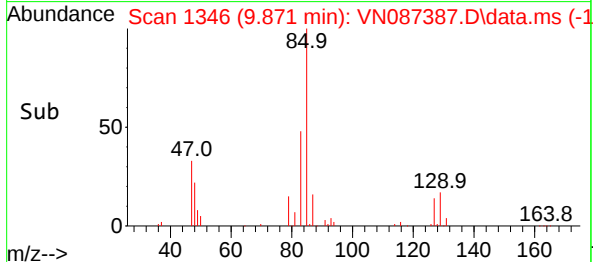
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



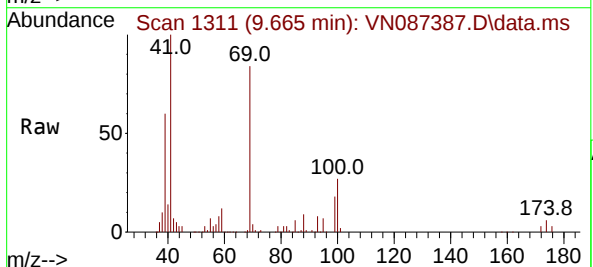
Tgt Ion: 83 Resp: 195834
Ion Ratio Lower Upper
83 100
85 62.5 50.4 75.6
127 8.5 5.8 8.8

Manual Integrations
APPROVED

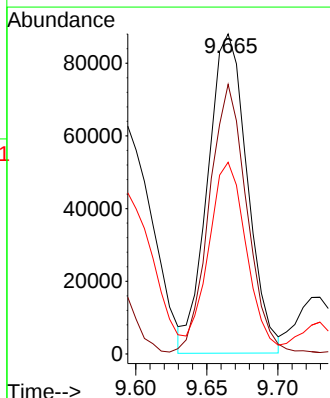
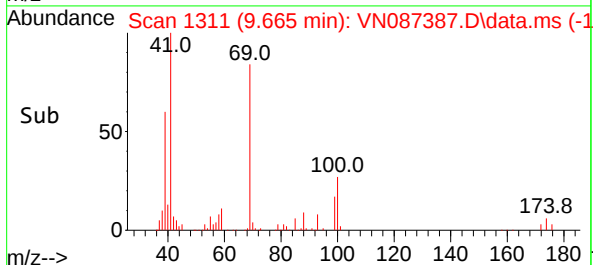
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

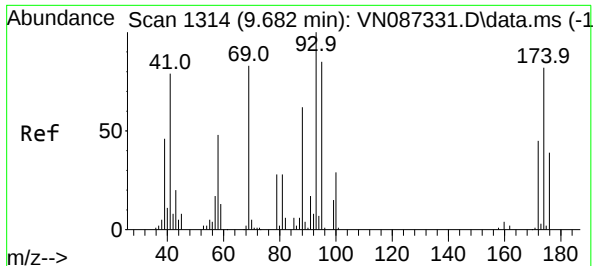


#48
Methyl methacrylate
Concen: 55.957 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



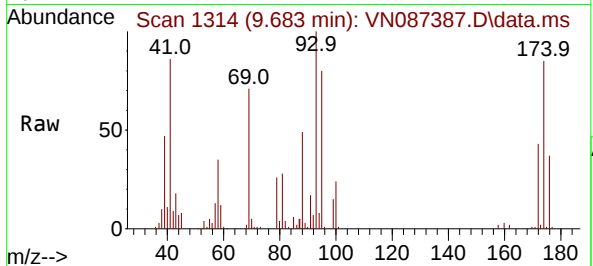
Tgt Ion: 41 Resp: 170793
Ion Ratio Lower Upper
41 100
69 80.4 64.1 96.1
39 57.0 45.5 68.3





#49
1,4-Dioxane
Concen: 942.545 ug/l
RT: 9.683 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

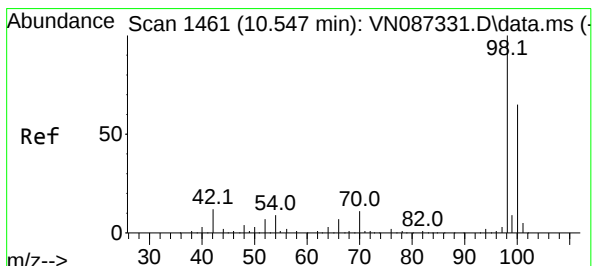
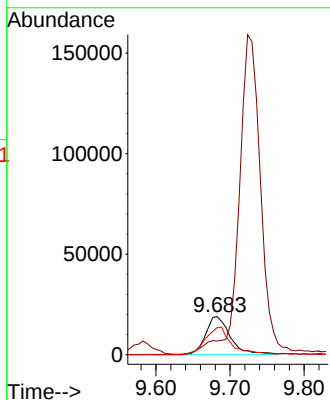
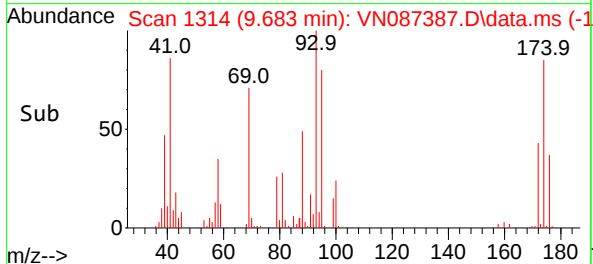
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



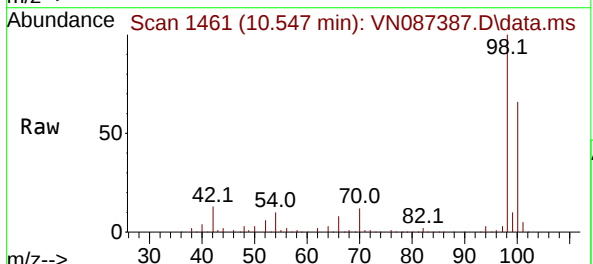
Tgt Ion: 88 Resp: 44062
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.9 61.1 91.7

Manual Integrations
APPROVED

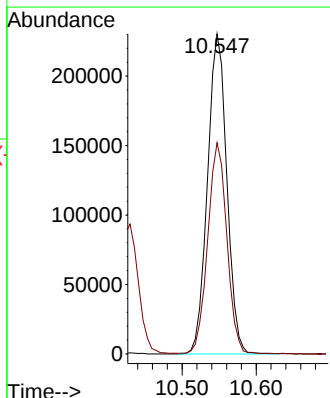
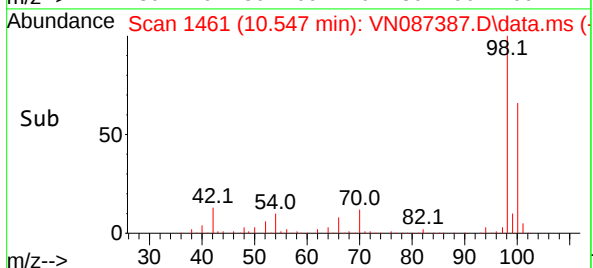
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

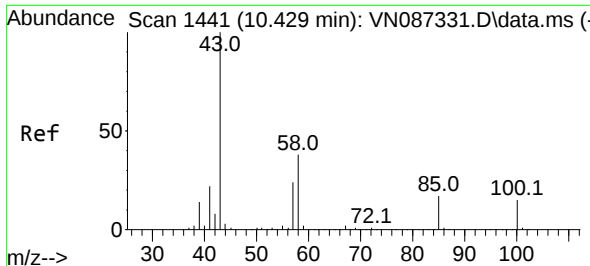


#50
Toluene-d8
Concen: 51.088 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



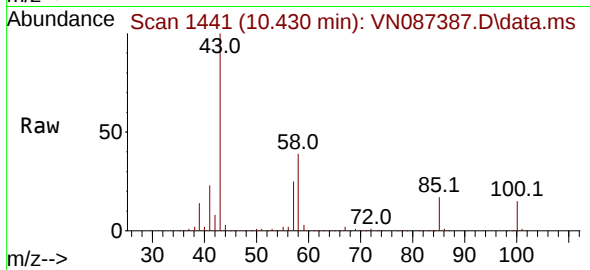
Tgt Ion: 98 Resp: 417132
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 271.120 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

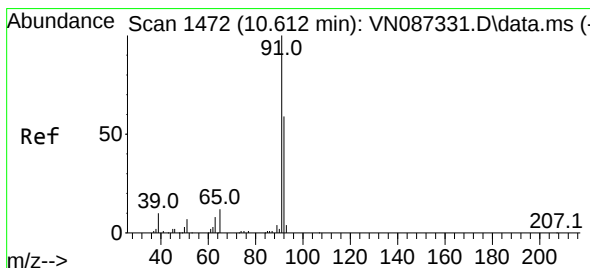
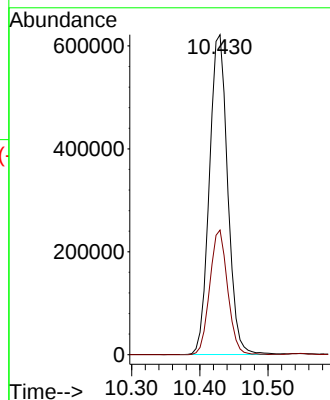
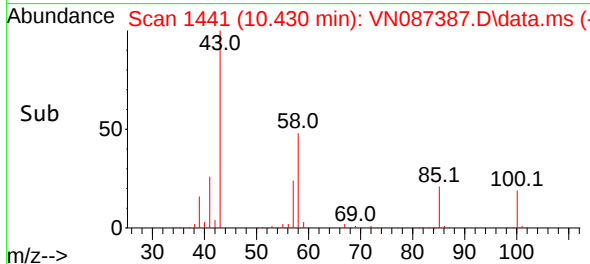
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 116258
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2

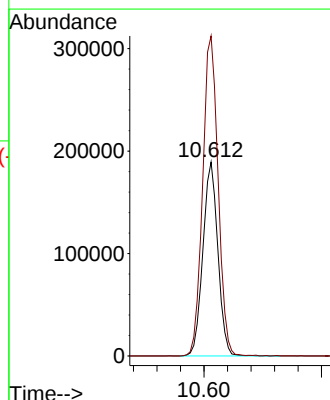
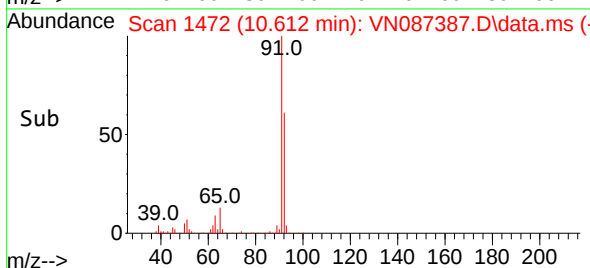
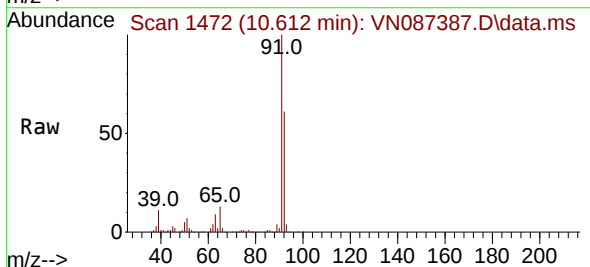
Manual Integrations
APPROVED

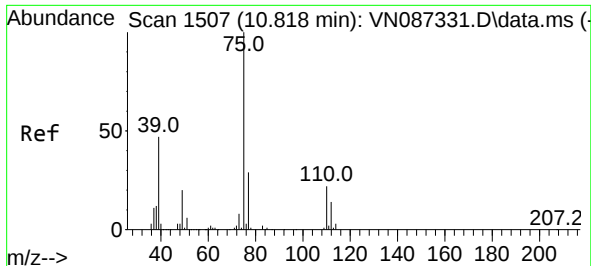
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#52
Toluene
Concen: 56.344 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

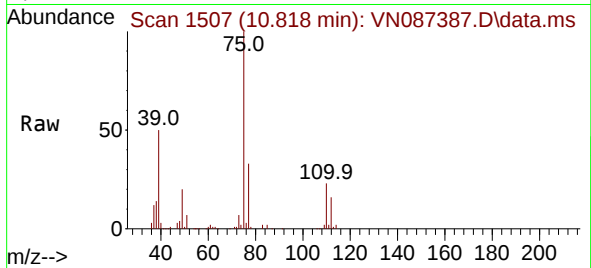
Tgt Ion: 92 Resp: 334726
Ion Ratio Lower Upper
92 100
91 170.5 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 53.843 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

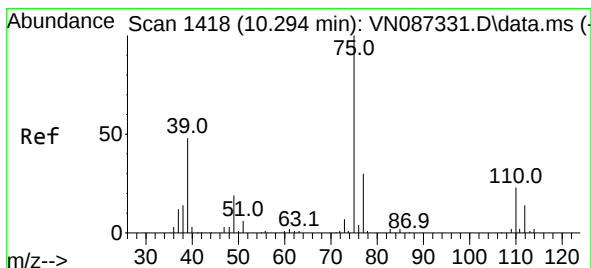
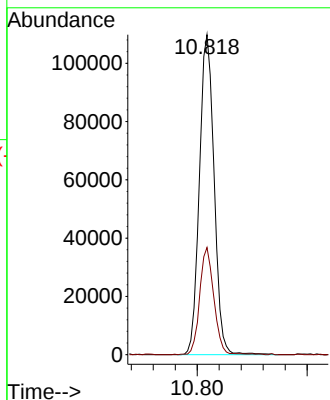
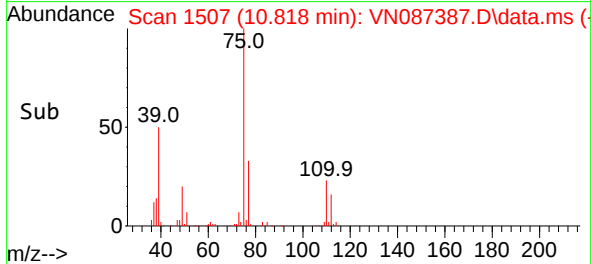
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 20409
Ion Ratio Lower Upper
75 100
77 33.5 23.6 35.4

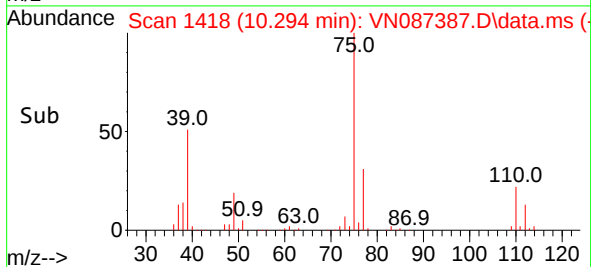
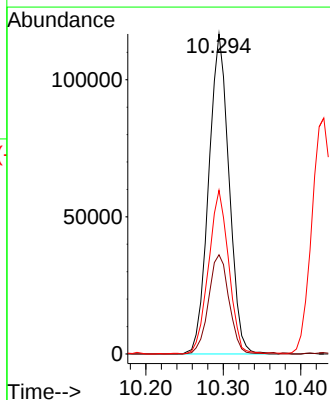
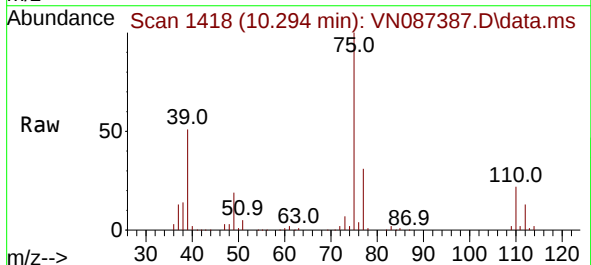
Manual Integrations
APPROVED

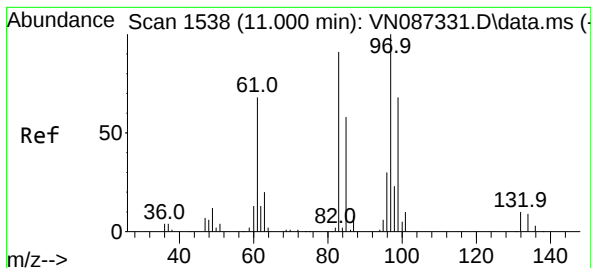
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#54
cis-1,3-Dichloropropene
Concen: 54.392 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

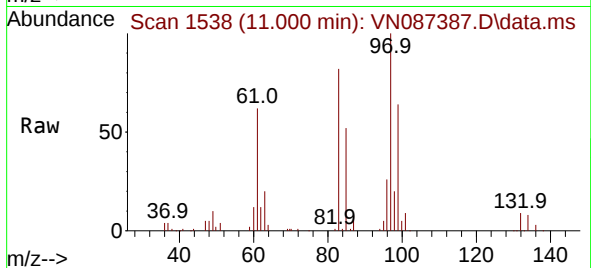
Tgt Ion: 75 Resp: 212962
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.2
39 50.9 38.4 57.6





#55
1,1,2-Trichloroethane
Concen: 53.415 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

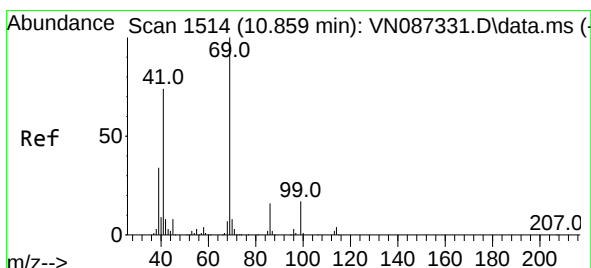
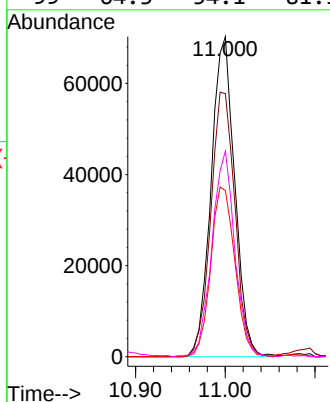
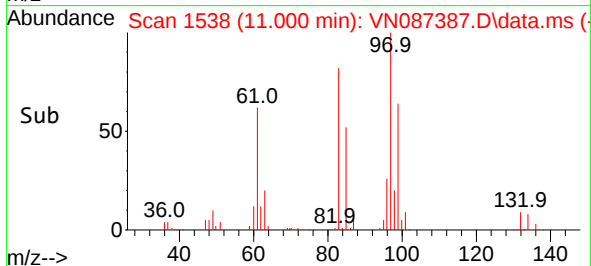
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



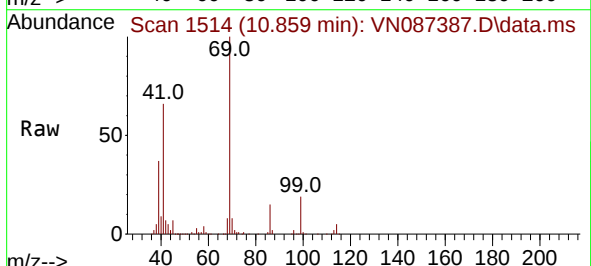
Tgt Ion: 97 Resp: 128470
Ion Ratio Lower Upper
97 100
83 82.2 72.6 109.0
85 51.8 46.7 70.1
99 64.3 54.1 81.1

Manual Integrations
APPROVED

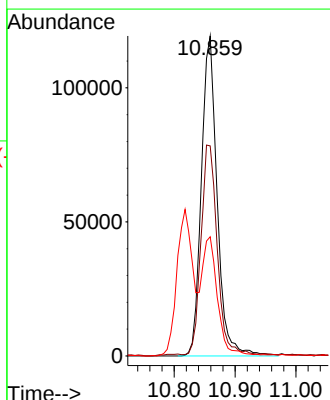
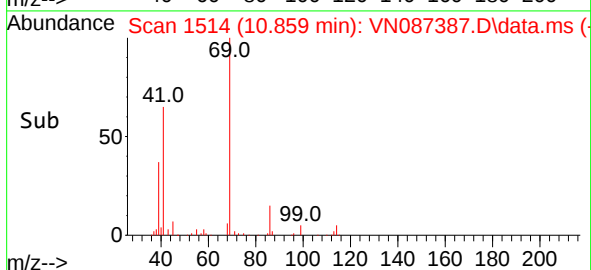
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

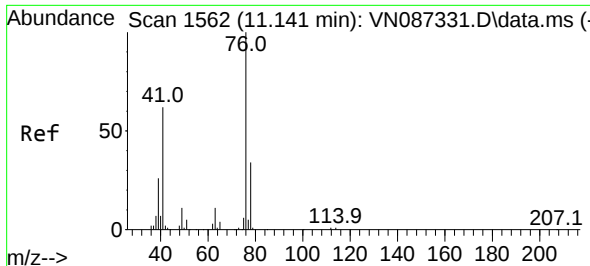


#56
Ethyl methacrylate
Concen: 53.048 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



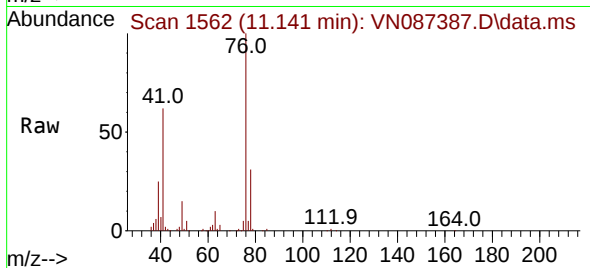
Tgt Ion: 69 Resp: 215083
Ion Ratio Lower Upper
69 100
41 66.9 55.1 82.7
39 33.8 27.9 41.9





#57
1,3-Dichloropropane
Concen: 54.441 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

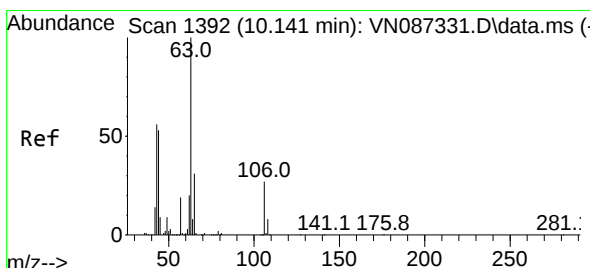
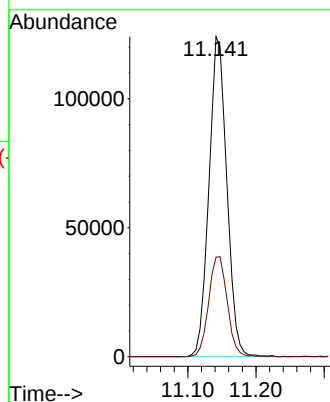
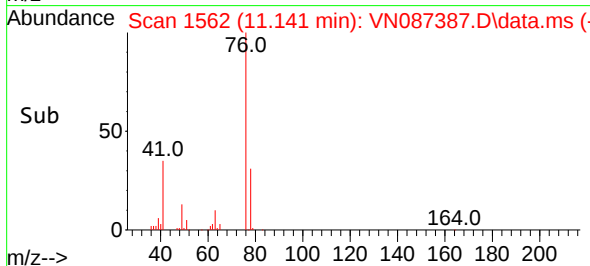
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



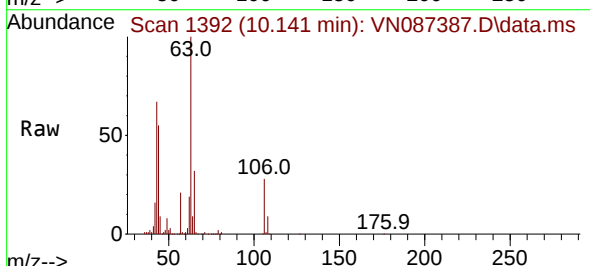
Tgt Ion: 76 Resp: 226389
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

Manual Integrations
APPROVED

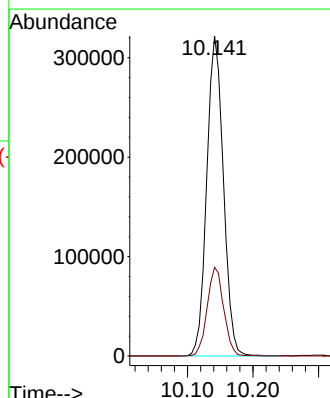
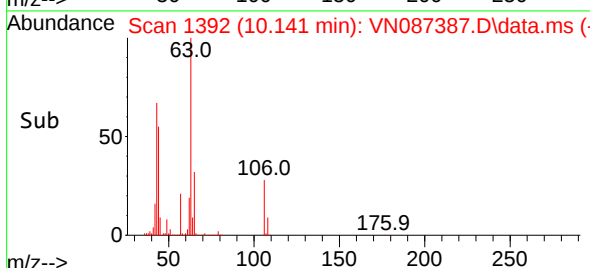
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

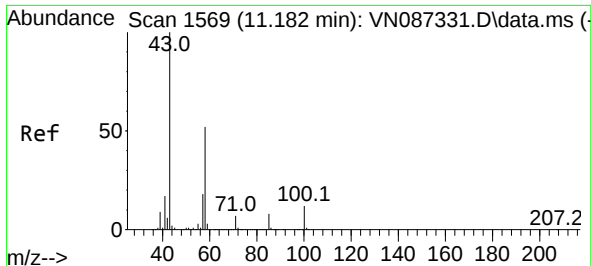


#58
2-Chloroethyl Vinyl ether
Concen: 288.104 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



Tgt Ion: 63 Resp: 568418
Ion Ratio Lower Upper
63 100
106 27.4 21.7 32.5





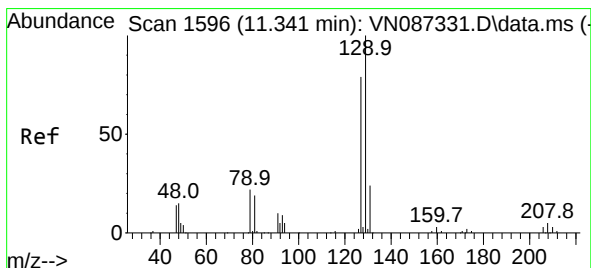
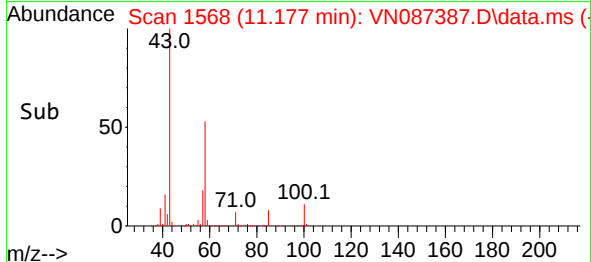
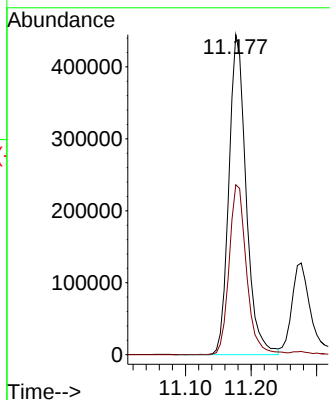
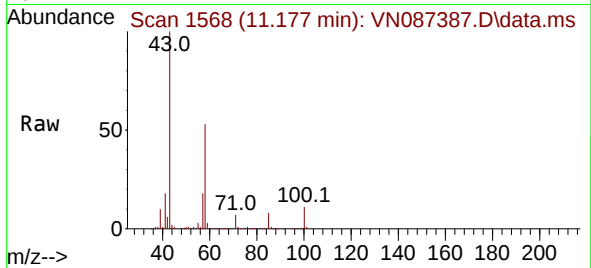
#59
2-Hexanone
Concen: 285.678 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 812748
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.0

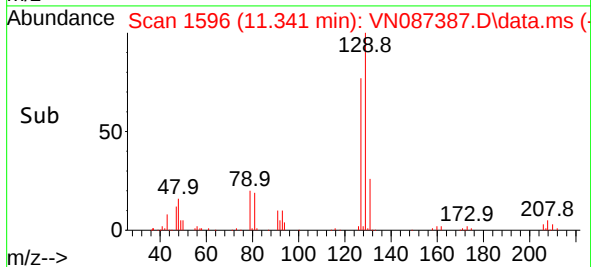
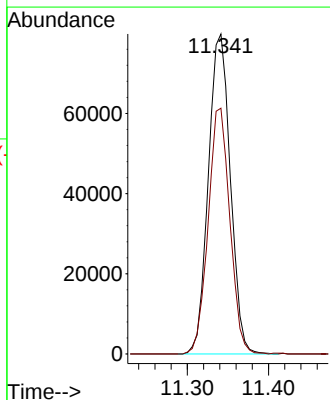
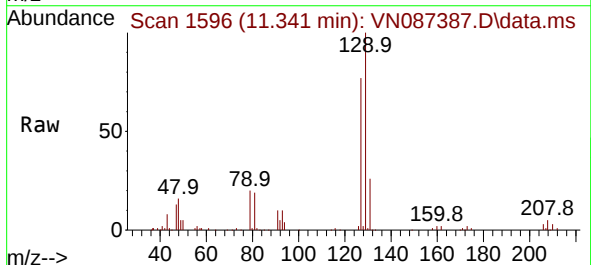
Manual Integrations
APPROVED

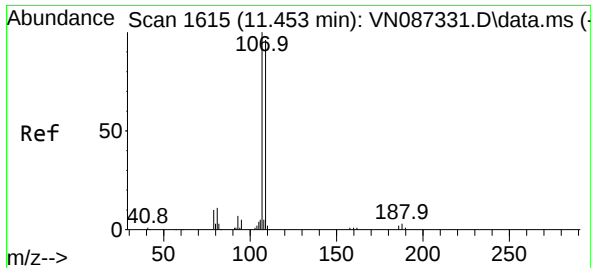
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#60
Dibromochloromethane
Concen: 54.720 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

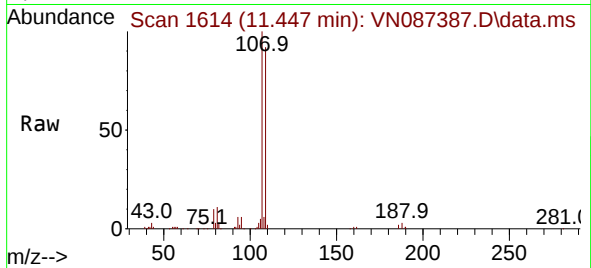
Tgt Ion:129 Resp: 150091
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.5





#61
1,2-Dibromoethane
Concen: 52.790 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

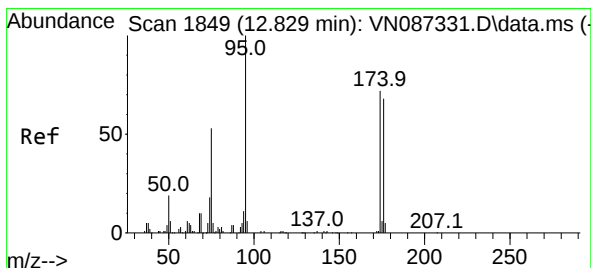
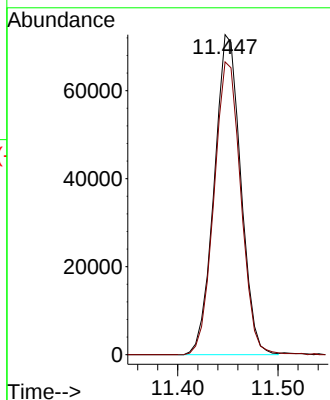
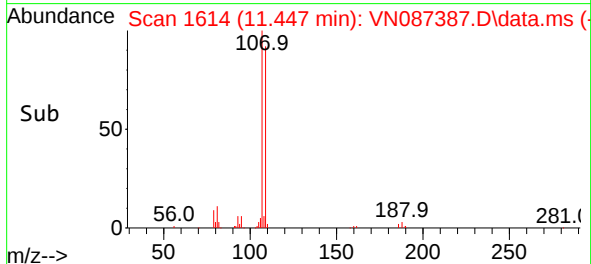
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



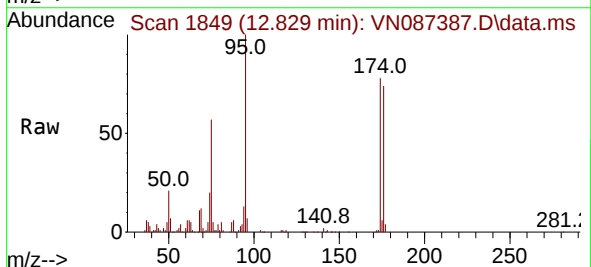
Tgt Ion:107 Resp: 133498
Ion Ratio Lower Upper
107 100
109 92.6 77.5 116.3

Manual Integrations
APPROVED

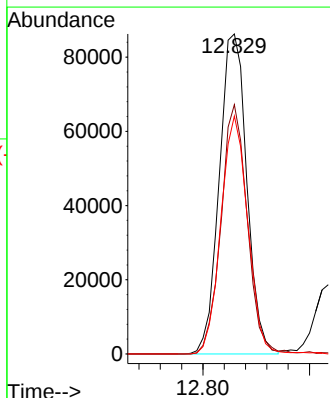
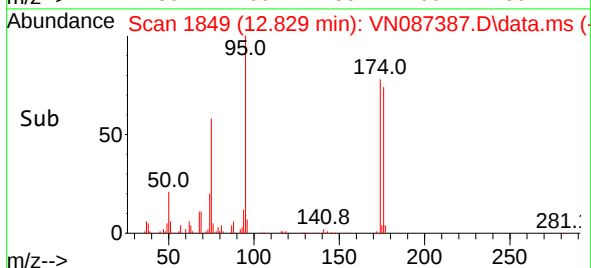
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

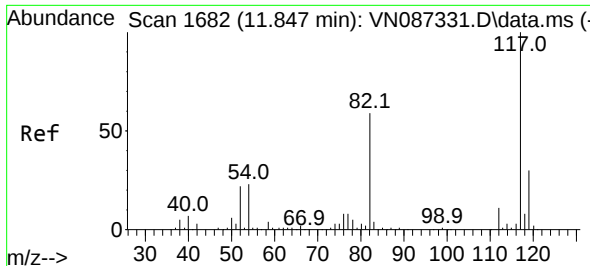


#62
4-Bromofluorobenzene
Concen: 51.215 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



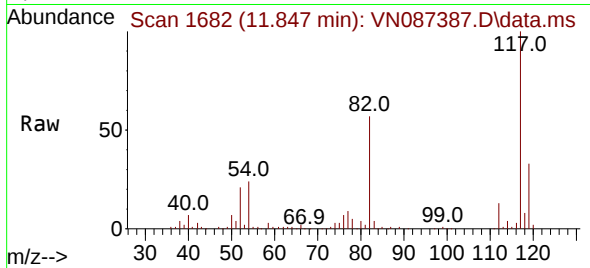
Tgt Ion: 95 Resp: 154491
Ion Ratio Lower Upper
95 100
174 74.2 0.0 149.4
176 73.0 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

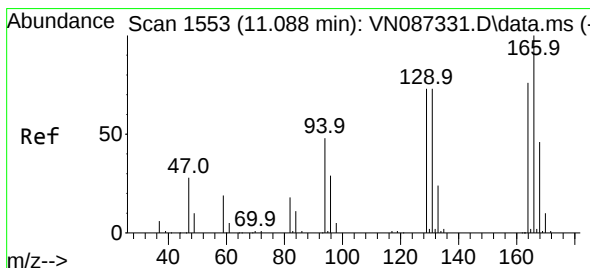
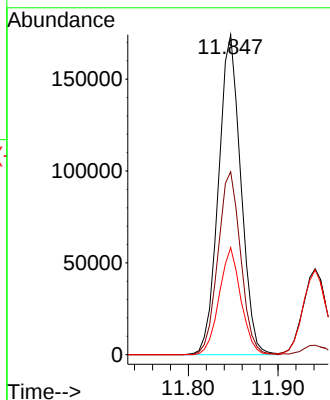
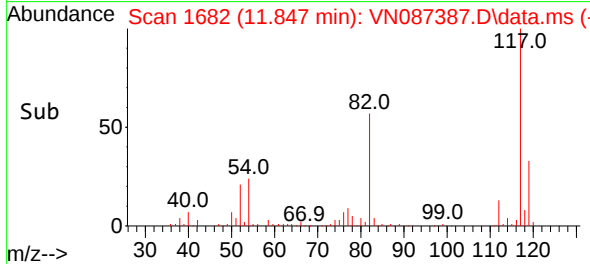
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 301370
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 33.4 23.8 35.8

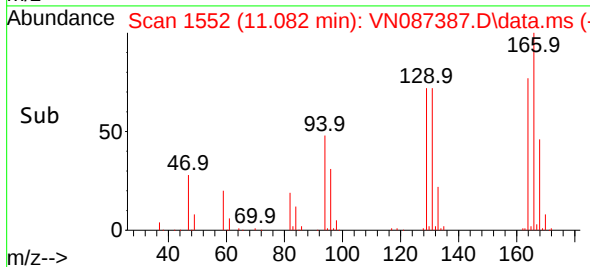
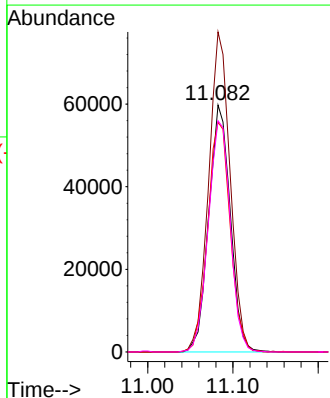
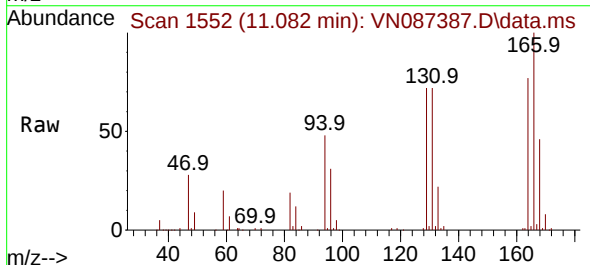
Manual Integrations
APPROVED

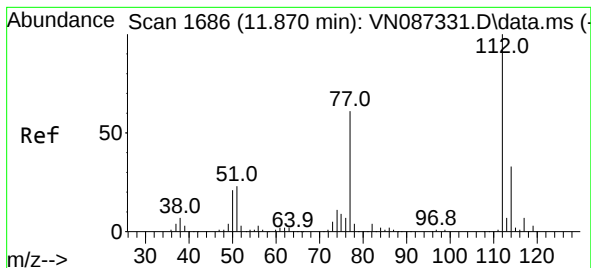
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#64
Tetrachloroethene
Concen: 54.195 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Tgt Ion:164 Resp: 105120
Ion Ratio Lower Upper
164 100
166 129.6 105.5 158.3
129 93.0 77.4 116.2
131 93.6 77.3 115.9





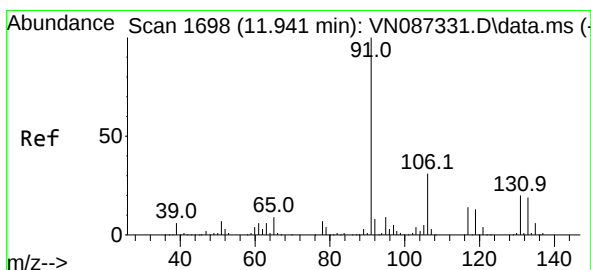
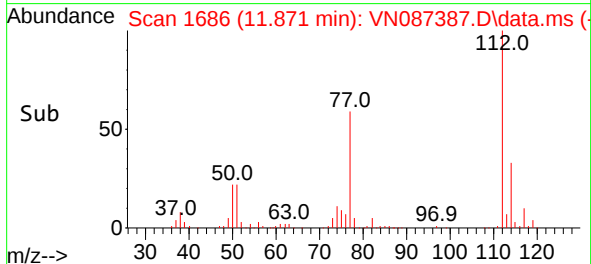
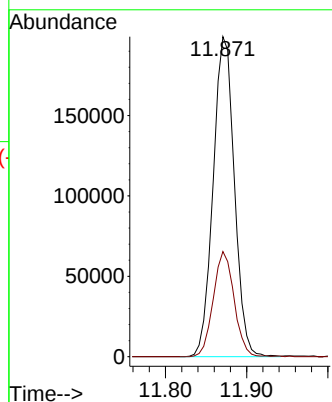
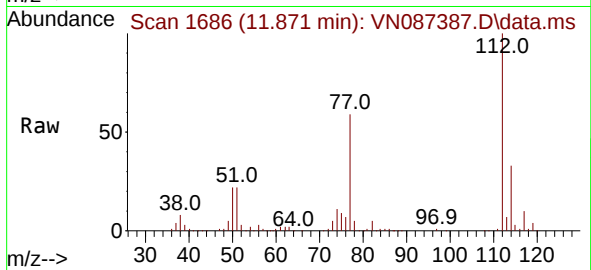
#65
Chlorobenzene
Concen: 53.475 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 361819
Ion Ratio Lower Upper
112 100
114 32.9 26.5 39.7

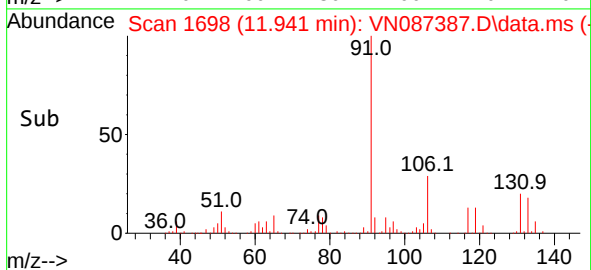
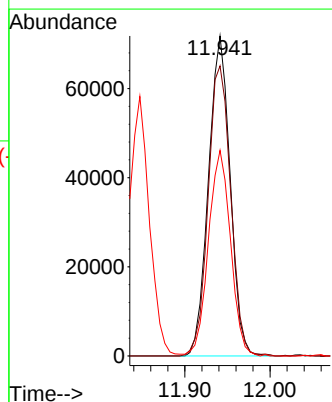
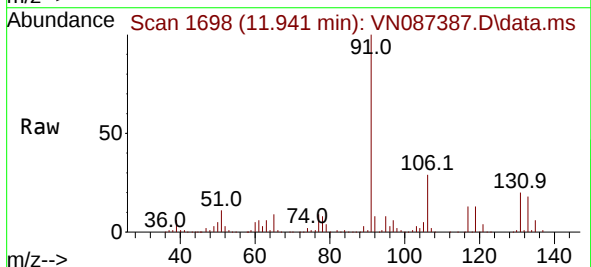
Manual Integrations
APPROVED

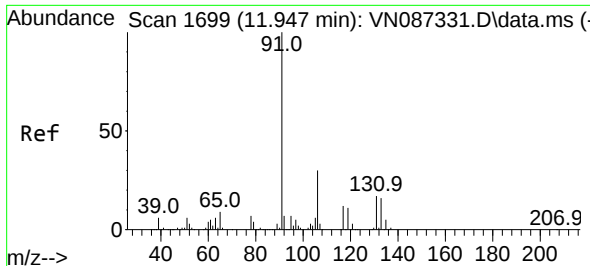
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.967 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

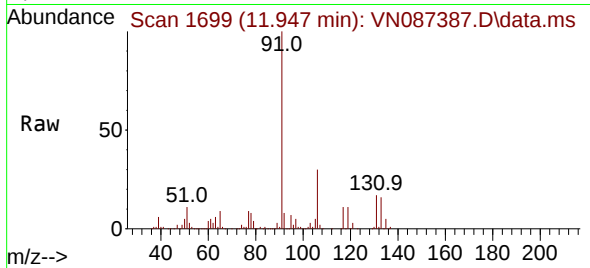
Tgt Ion:131 Resp: 126464
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.3
119 65.8 33.1 99.2





#67
Ethyl Benzene
Concen: 56.168 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

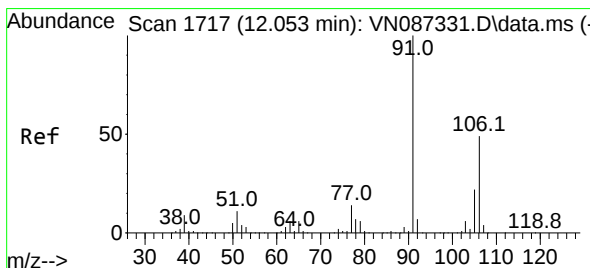
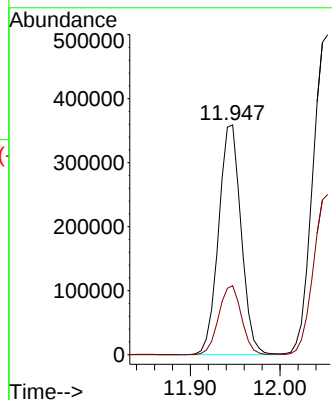
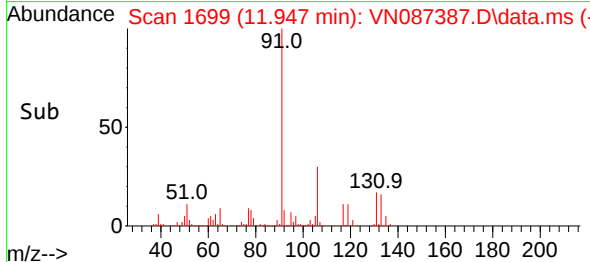
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



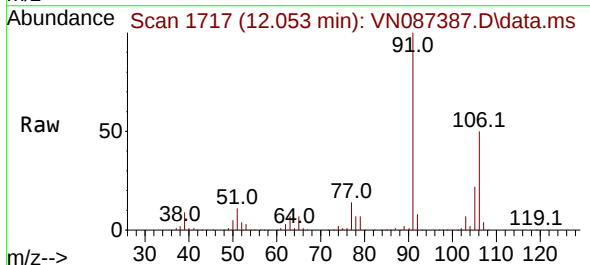
Tgt Ion: 91 Resp: 625639
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

Manual Integrations
APPROVED

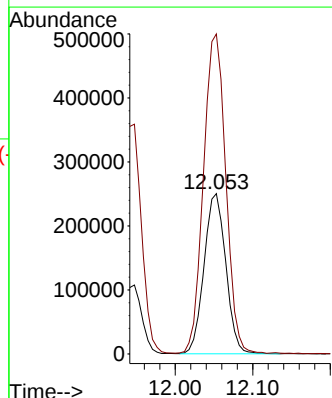
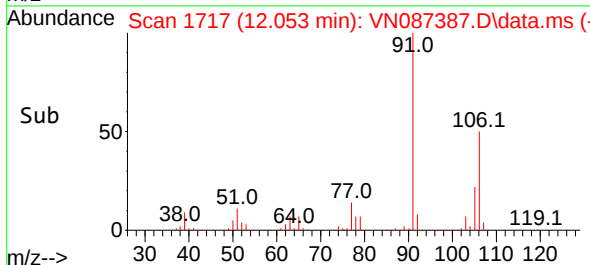
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

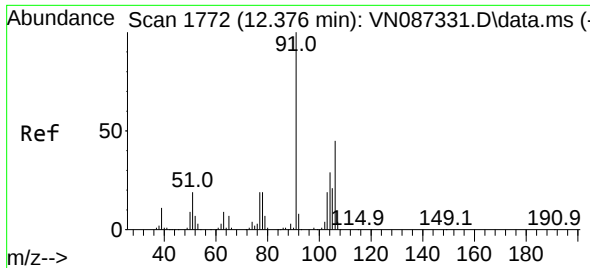


#68
m/p-Xylenes
Concen: 116.978 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



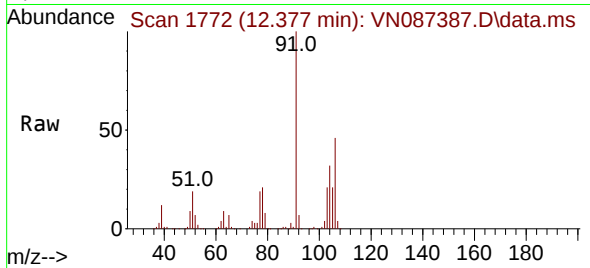
Tgt Ion:106 Resp: 487916
Ion Ratio Lower Upper
106 100
91 204.1 162.0 243.0





#69
o-Xylene
Concen: 58.381 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

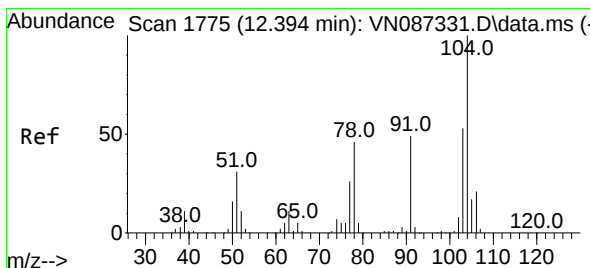
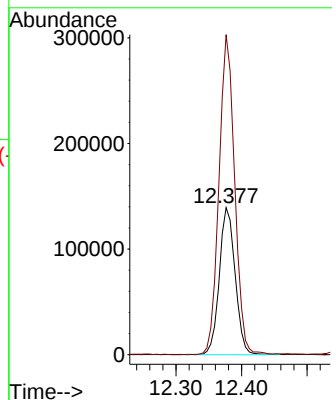
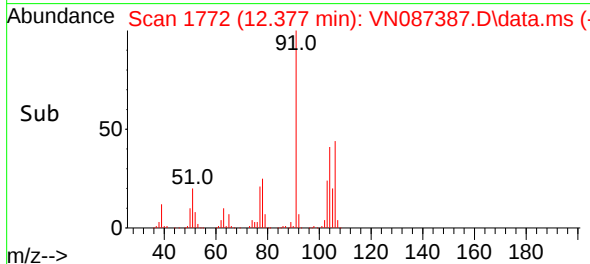
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 232600
Ion Ratio Lower Upper
106 100
91 215.4 107.7 323.3

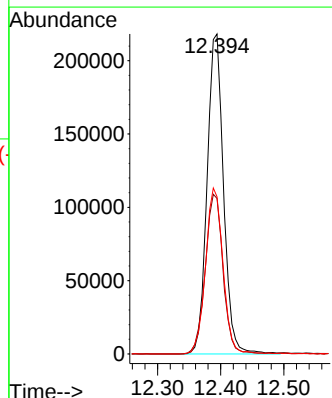
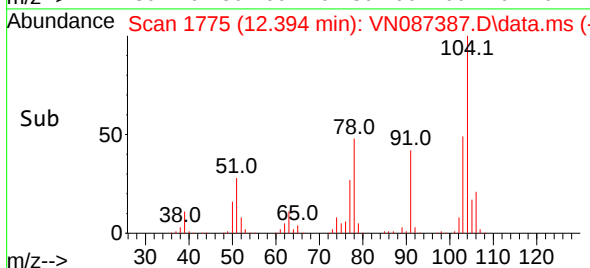
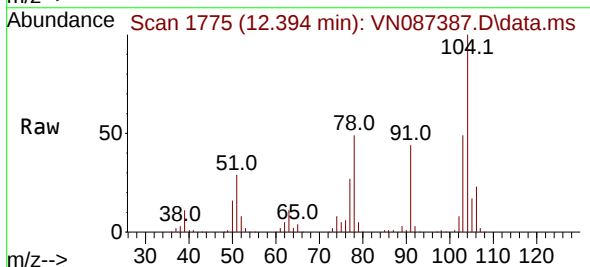
Manual Integrations
APPROVED

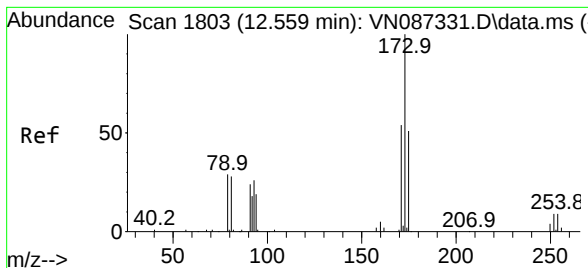
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#70
Styrene
Concen: 58.862 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

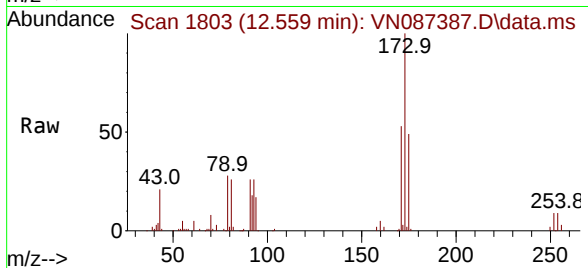
Tgt Ion:104 Resp: 394519
Ion Ratio Lower Upper
104 100
78 53.8 41.0 61.6
103 55.1 43.9 65.9





#71
Bromoform
Concen: 53.773 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

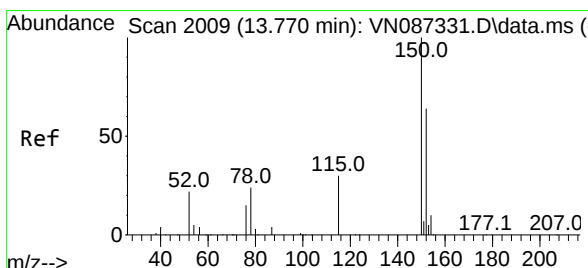
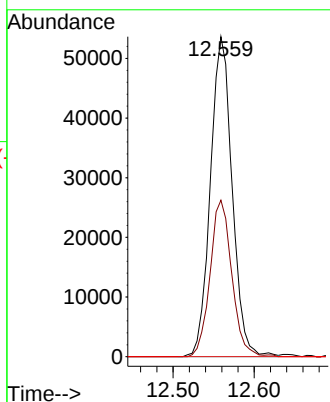
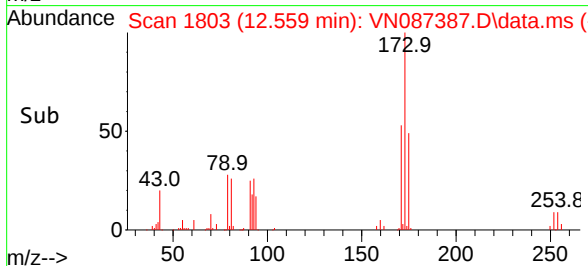
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



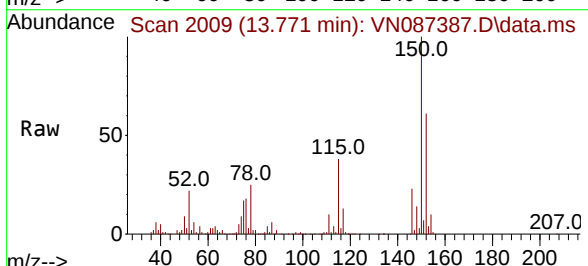
Tgt Ion:173 Resp: 9994
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
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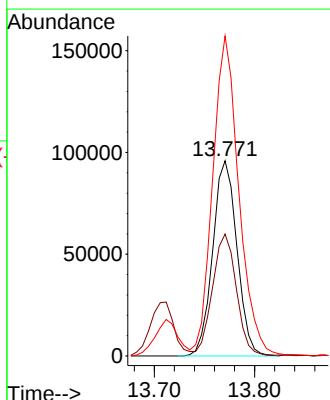
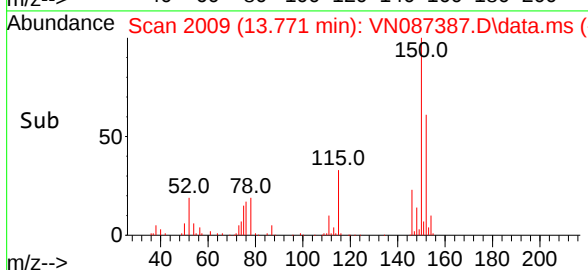
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

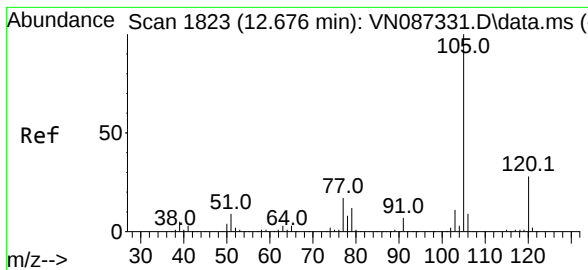


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



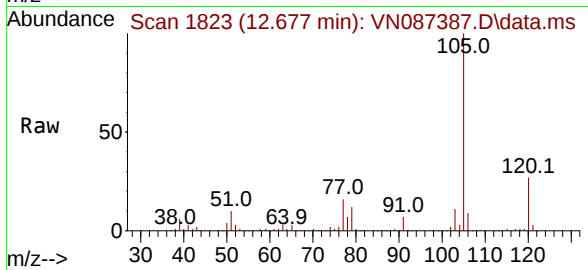
Tgt Ion:152 Resp: 161218
Ion Ratio Lower Upper
152 100
115 60.9 31.1 93.5
150 177.2 0.0 349.0





#73
Isopropylbenzene
Concen: 59.666 ug/l
RT: 12.677 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

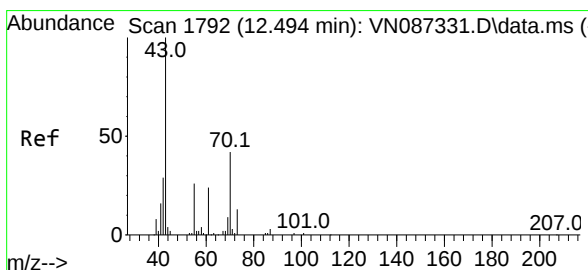
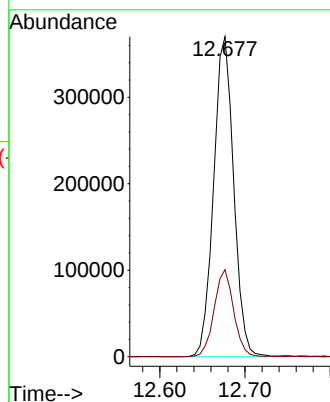
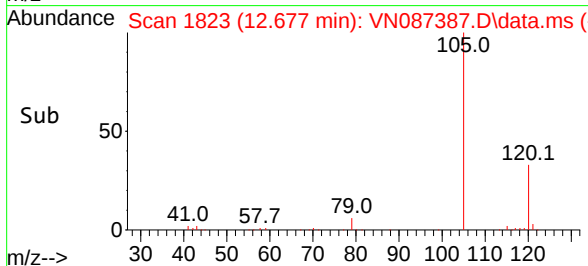
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



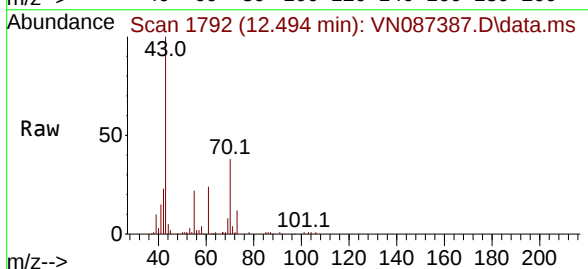
Tgt Ion:105 Resp: 605418
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

Manual Integrations
APPROVED

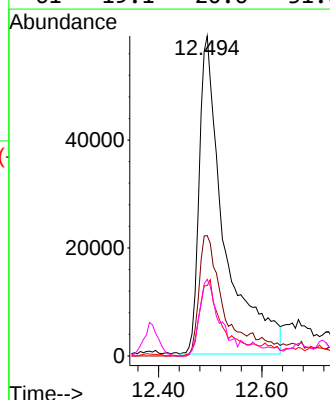
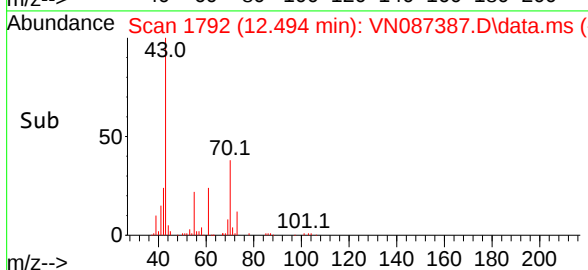
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

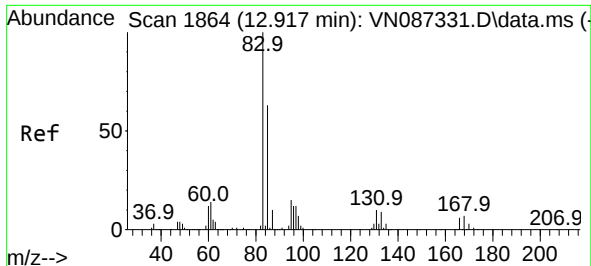


#74
N-ethyl acetate
Concen: 47.166 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



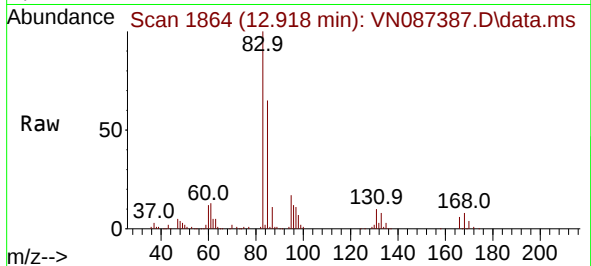
Tgt Ion: 43 Resp: 198838
Ion Ratio Lower Upper
43 100
70 34.3 37.6 56.4#
55 21.0 19.6 29.4
61 19.1 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 52.160 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

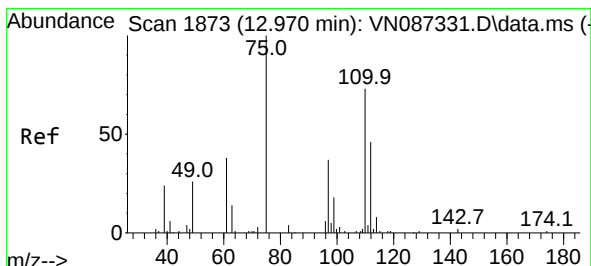
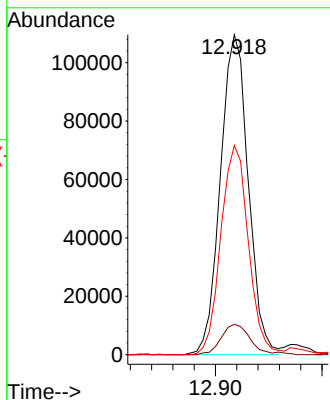
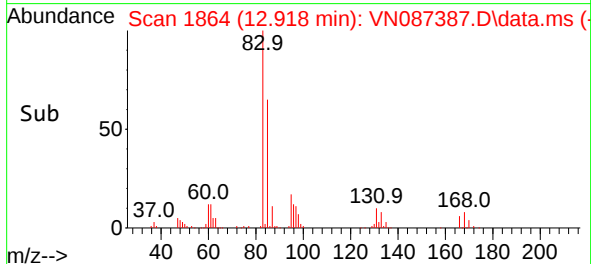
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 199150
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 64.6 32.5 97.4

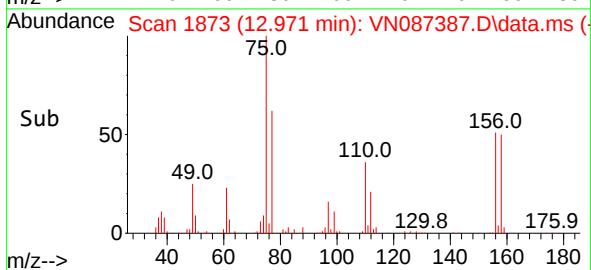
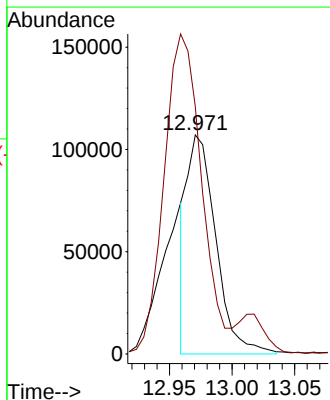
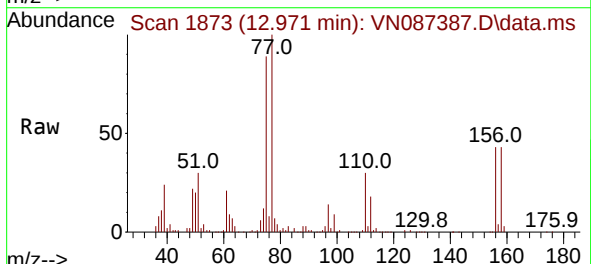
Manual Integrations
APPROVED

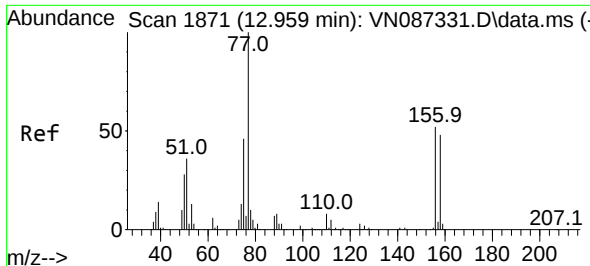
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#76
1,2,3-Trichloropropane
Concen: 47.445 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

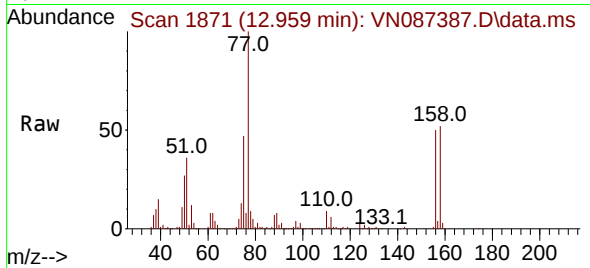
Tgt Ion: 75 Resp: 171523
Ion Ratio Lower Upper
75 100
77 191.3 94.5 283.6





#77
Bromobenzene
Concen: 55.397 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

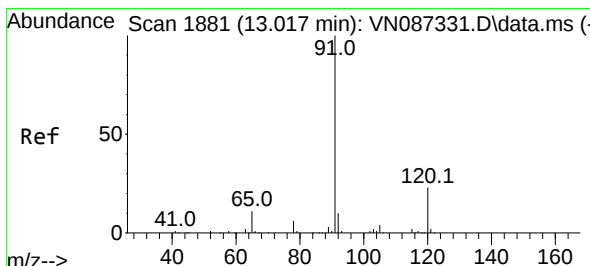
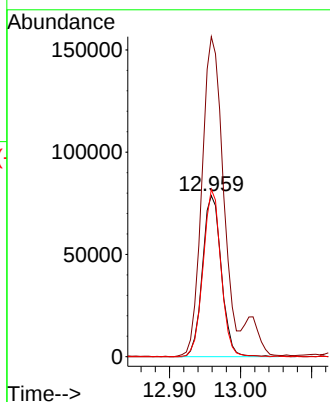
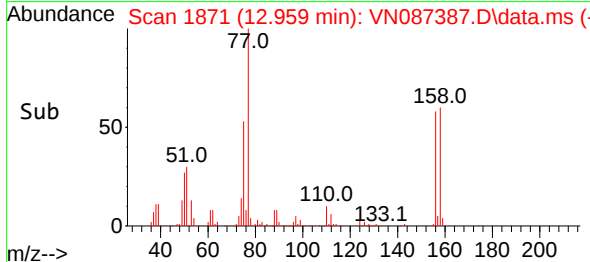
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 145777
Ion Ratio Lower Upper
156 100
77 225.1 114.9 344.6
158 98.4 48.5 145.5

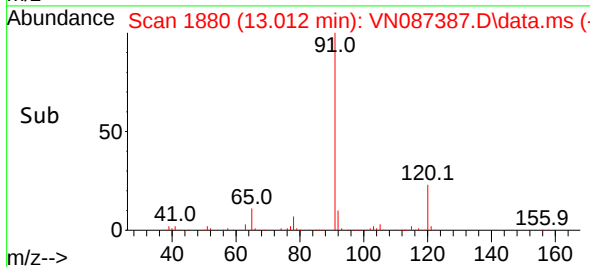
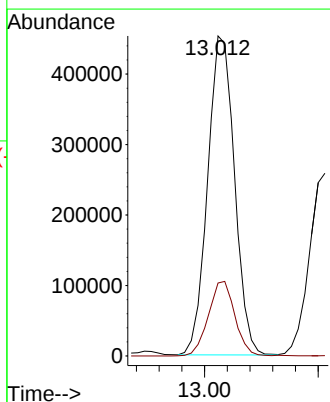
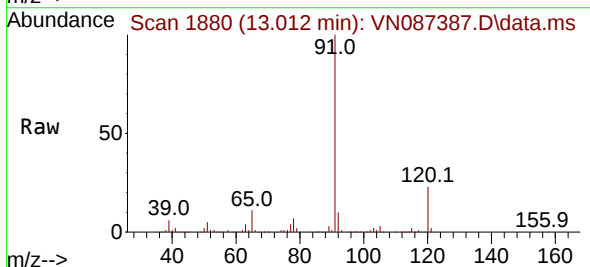
Manual Integrations
APPROVED

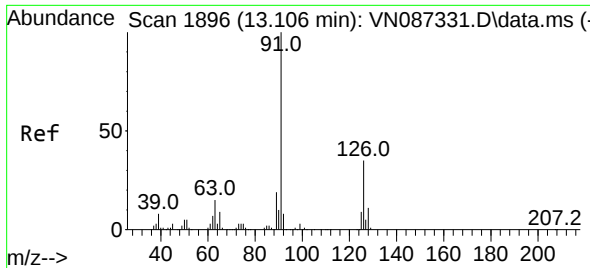
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#78
n-propylbenzene
Concen: 58.350 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

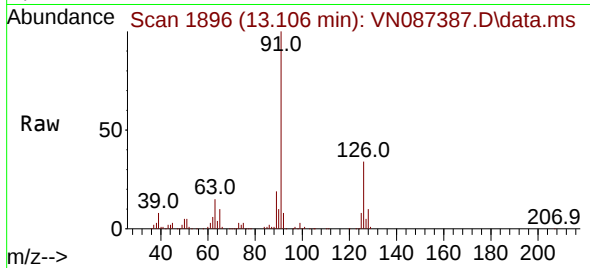
Tgt Ion: 91 Resp: 744909
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.8





#79
2-Chlorotoluene
Concen: 56.110 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

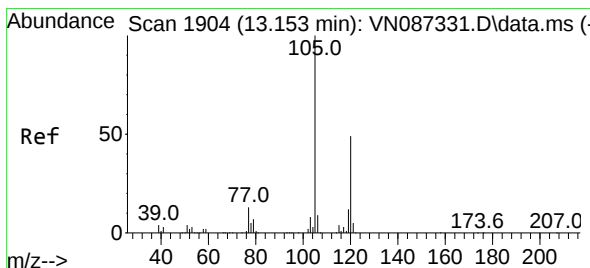
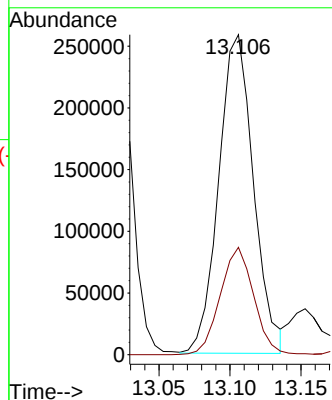
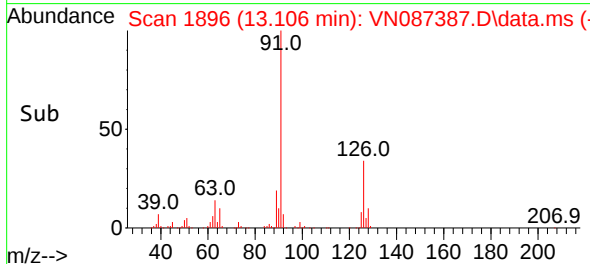
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



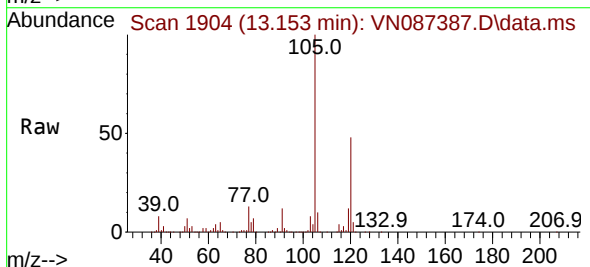
Tgt Ion: 91 Resp: 44023
Ion Ratio Lower Upper
91 100
126 32.5 16.9 50.6

Manual Integrations
APPROVED

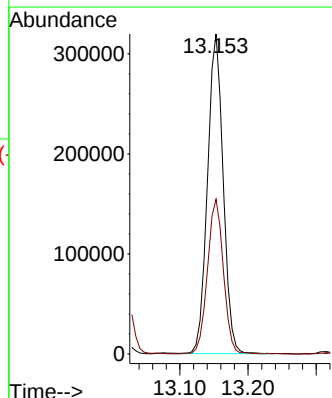
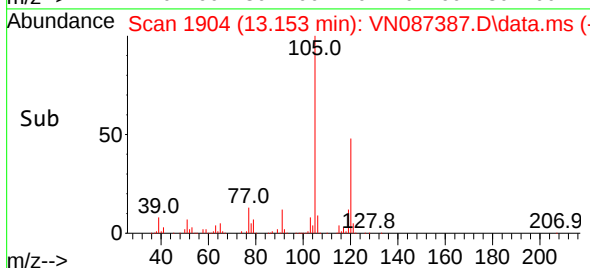
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

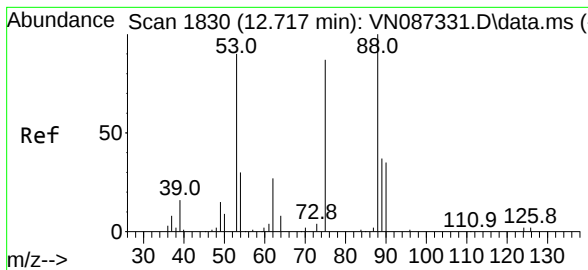


#80
1,3,5-Trimethylbenzene
Concen: 59.103 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



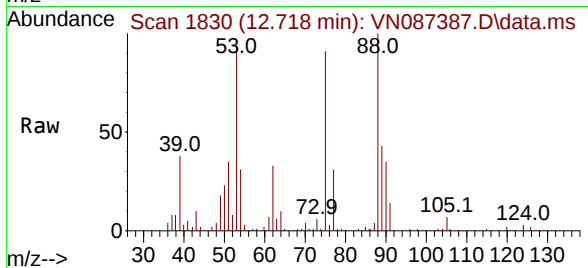
Tgt Ion:105 Resp: 510963
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.402 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

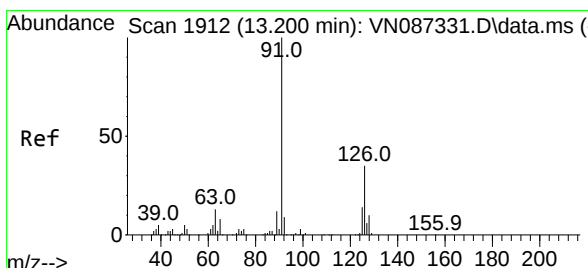
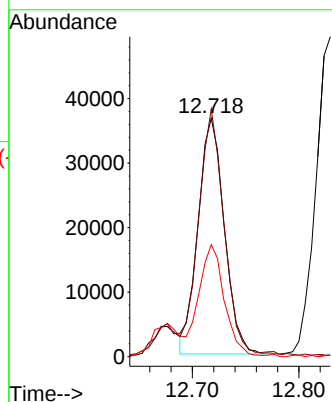
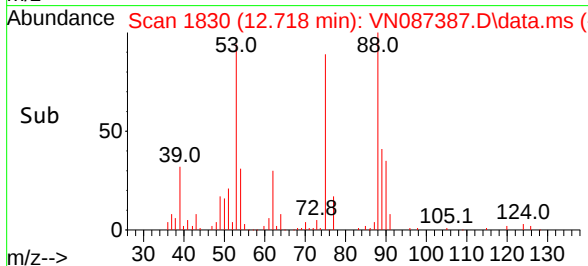
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6263
Ion Ratio Lower Upper
75 100
53 104.9 83.5 125.3
89 46.0 38.4 57.6

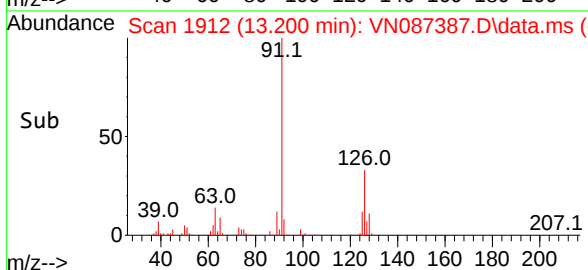
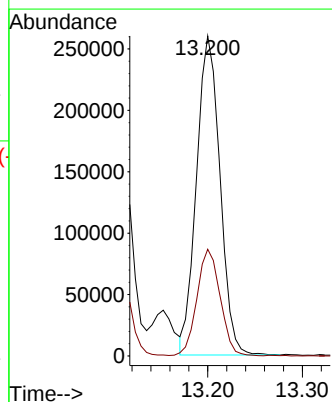
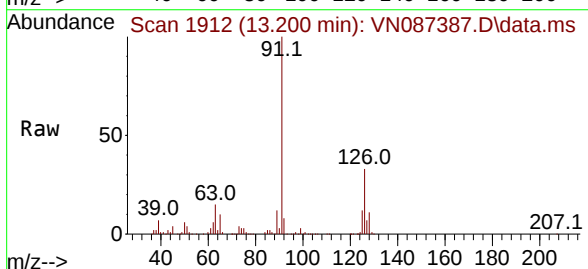
Manual Integrations
APPROVED

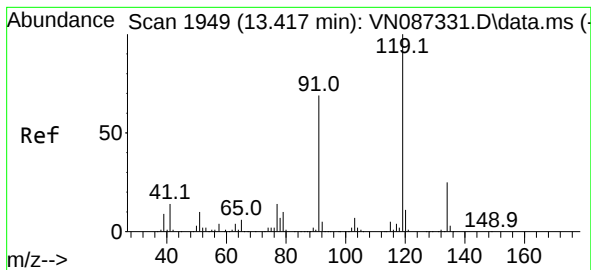
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#82
4-Chlorotoluene
Concen: 54.962 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Tgt Ion: 91 Resp: 448965
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7





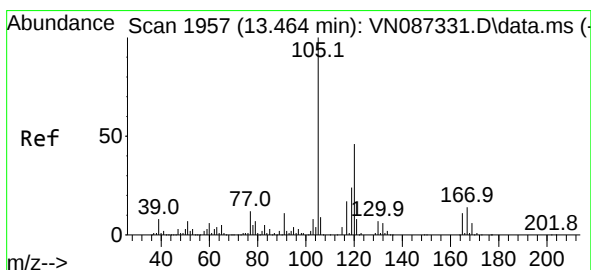
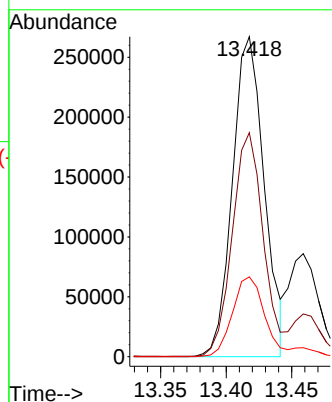
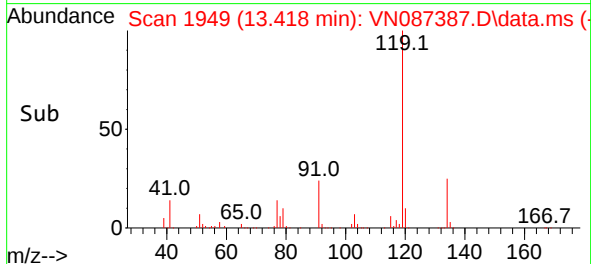
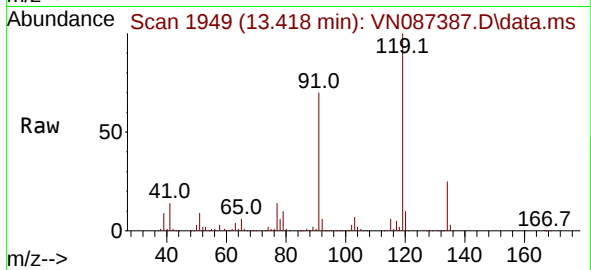
#83
tert-Butylbenzene
Concen: 62.344 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 450159
Ion Ratio Lower Upper
119 100
91 69.3 35.0 105.1
134 25.1 12.6 37.6

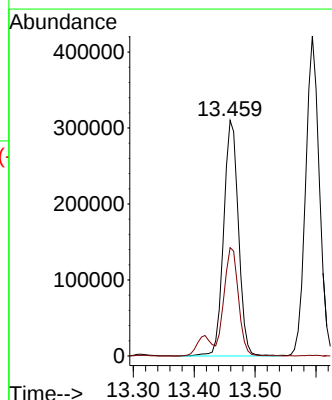
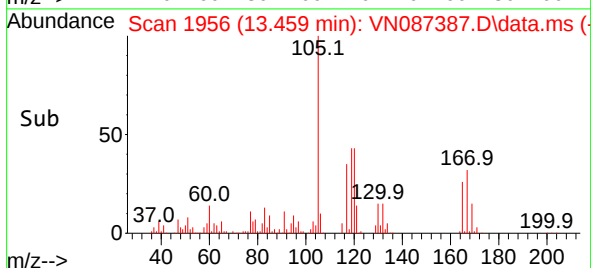
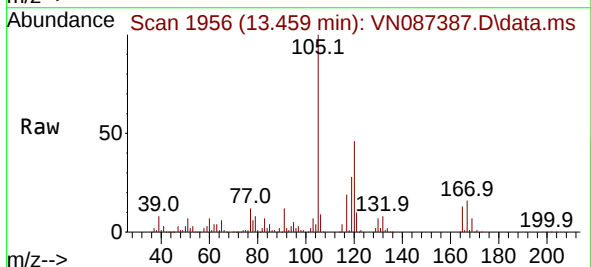
Manual Integrations
APPROVED

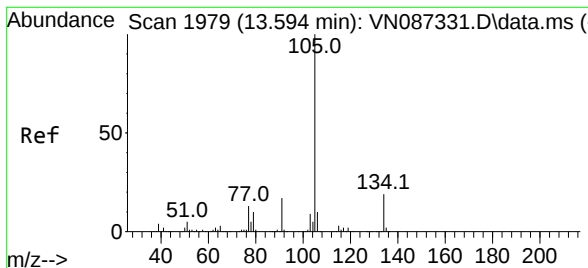
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#84
1,2,4-Trimethylbenzene
Concen: 59.248 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Tgt Ion:105 Resp: 523082
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.3





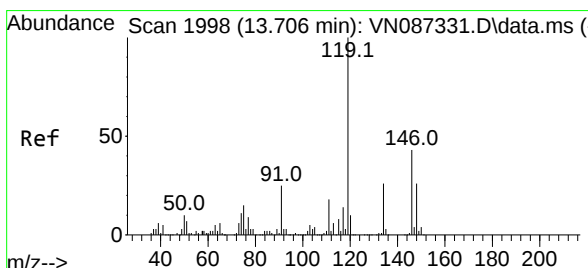
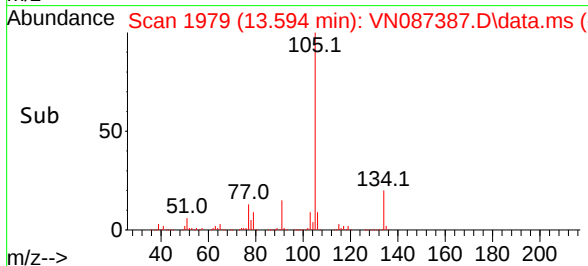
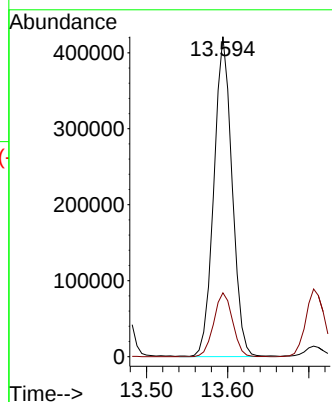
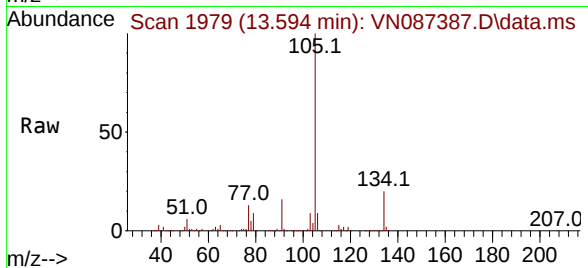
#85
 sec-Butylbenzene
 Concen: 60.418 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087387.D
 Acq: 21 Jul 2025 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 65711
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.4

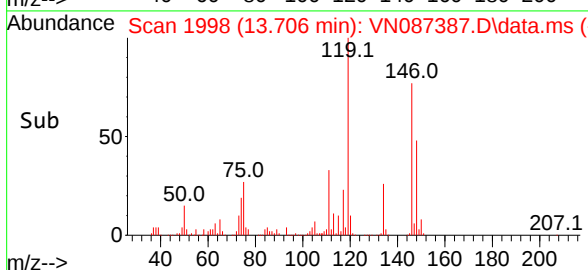
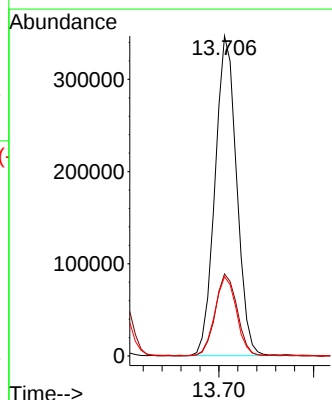
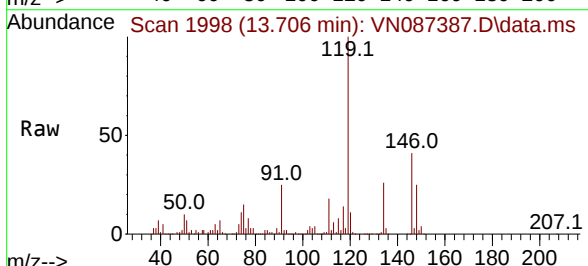
Manual Integrations
 APPROVED

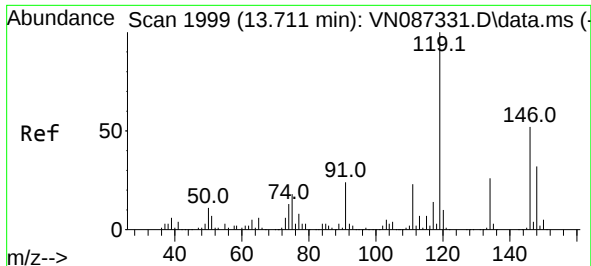
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#86
 p-Isopropyltoluene
 Concen: 63.006 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087387.D
 Acq: 21 Jul 2025 17:50

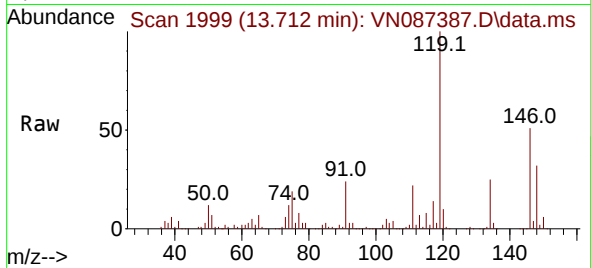
Tgt Ion:119 Resp: 549161
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.5
 91 24.6 12.2 36.6





#87
 1,3-Dichlorobenzene
 Concen: 53.842 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087387.D
 Acq: 21 Jul 2025 17:50

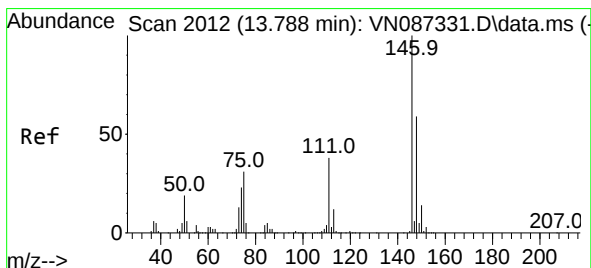
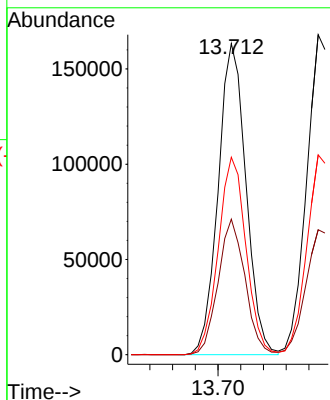
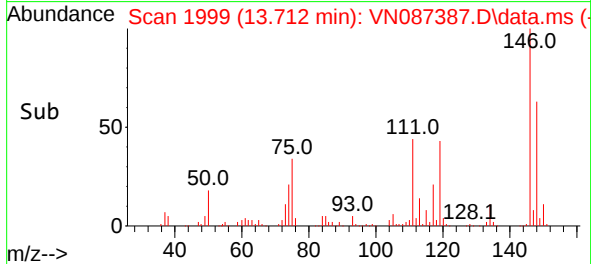
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



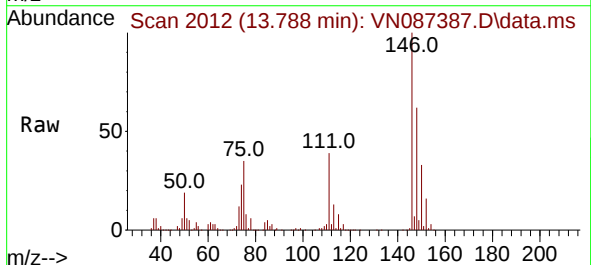
Tgt Ion:146 Resp: 27807
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.4 64.3
 148 63.2 31.6 95.0

Manual Integrations
 APPROVED

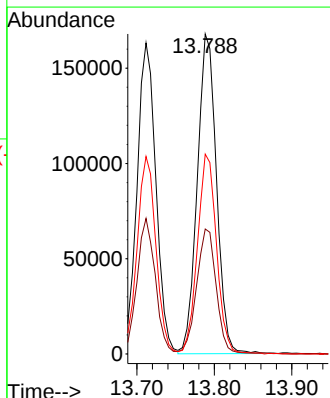
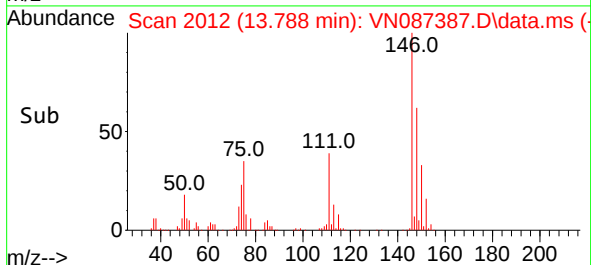
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

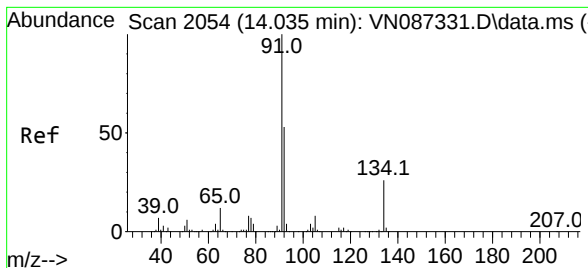


#88
 1,4-Dichlorobenzene
 Concen: 52.324 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087387.D
 Acq: 21 Jul 2025 17:50



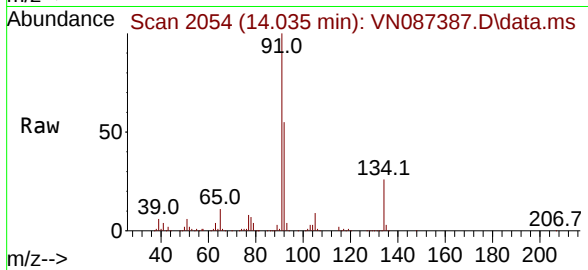
Tgt Ion:146 Resp: 288616
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.6 58.7
 148 62.3 31.4 94.0





#89
n-Butylbenzene
Concen: 61.214 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

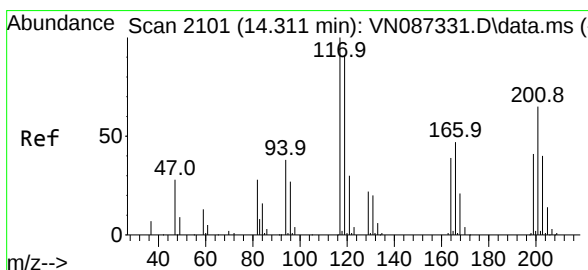
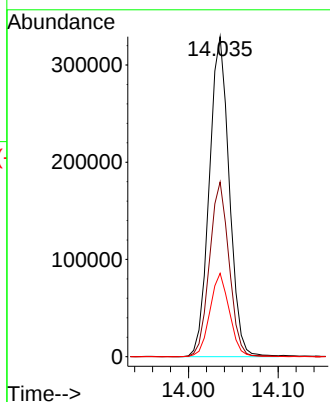
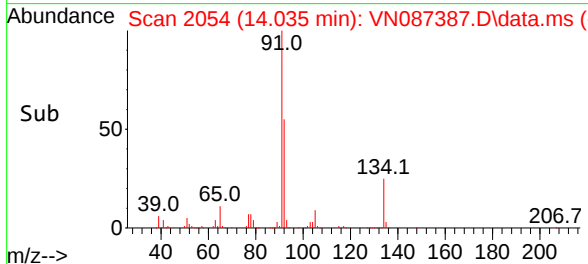
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 509469
Ion Ratio Lower Upper
91 100
92 53.6 26.2 78.6
134 25.4 12.4 37.2

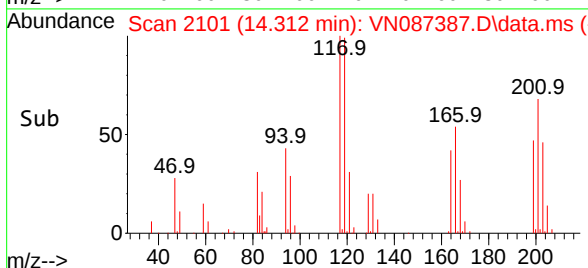
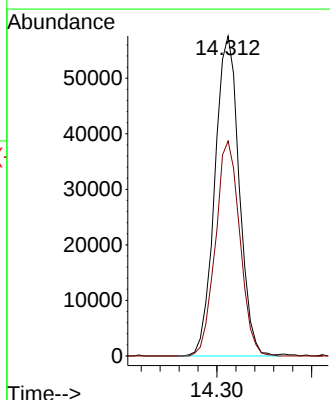
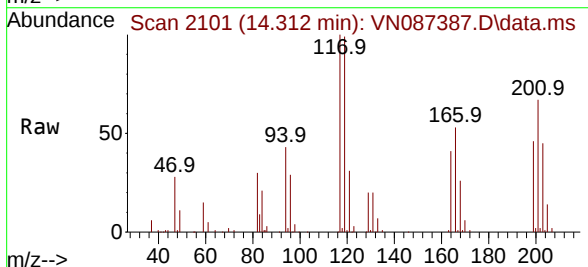
Manual Integrations
APPROVED

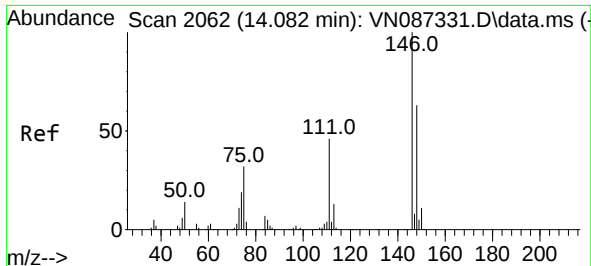
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#90
Hexachloroethane
Concen: 55.707 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

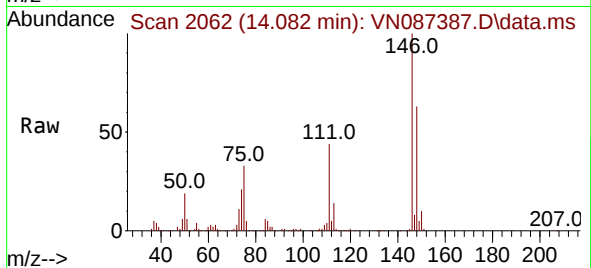
Tgt Ion:117 Resp: 102875
Ion Ratio Lower Upper
117 100
201 67.2 32.8 98.4





#91
1,2-Dichlorobenzene
Concen: 55.281 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

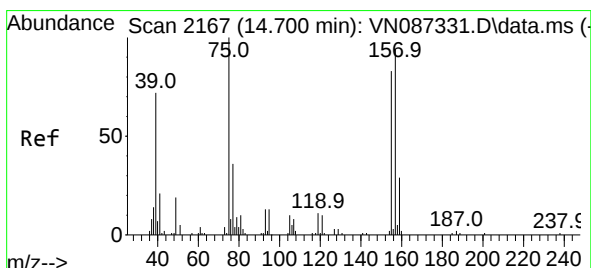
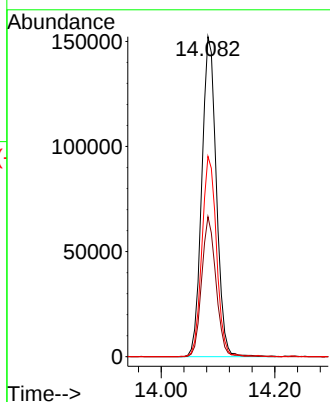
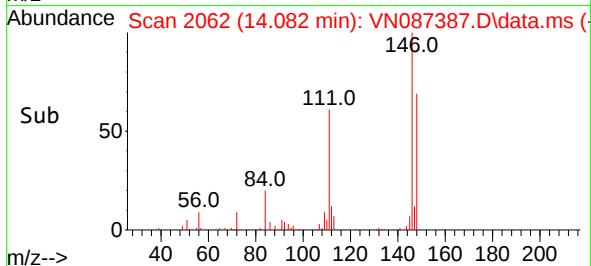
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 270474
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 62.5 32.7 98.1

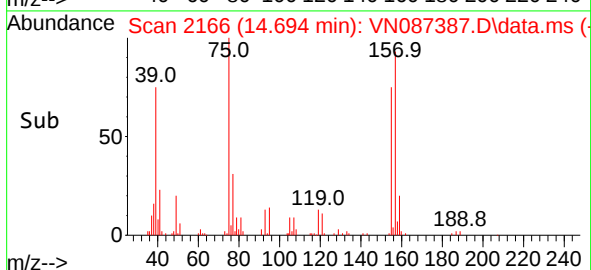
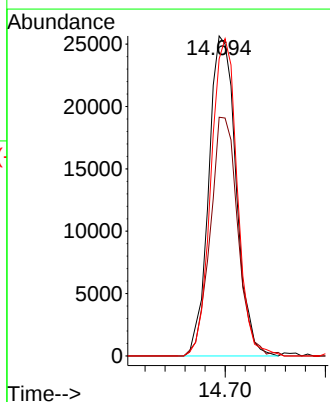
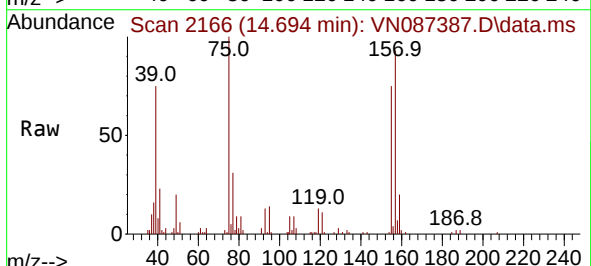
Manual Integrations
APPROVED

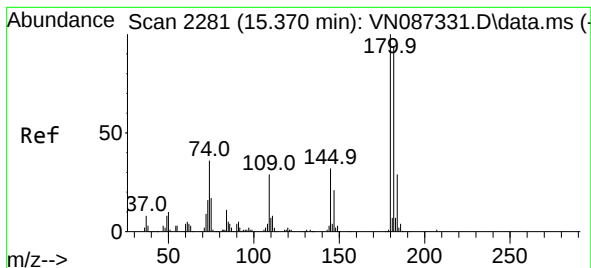
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.280 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

Tgt Ion: 75 Resp: 48396
Ion Ratio Lower Upper
75 100
155 75.2 37.3 111.8
157 95.2 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 55.240 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087387.D

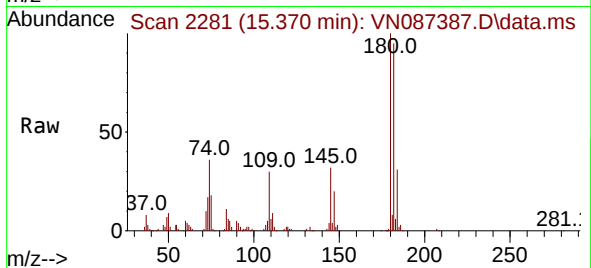
Acq: 21 Jul 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 15876

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

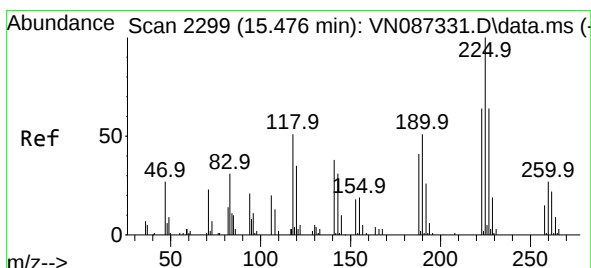
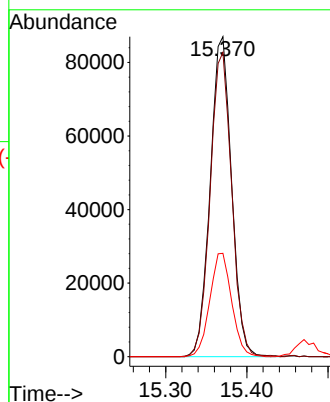
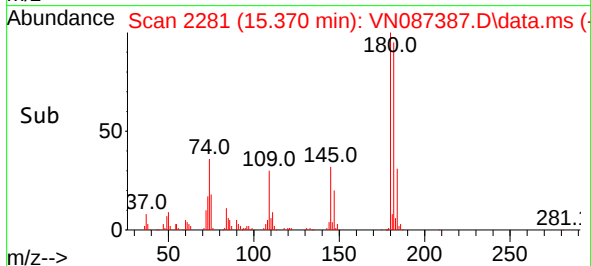
145 33.1 15.4 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#94

Hexachlorobutadiene

Concen: 65.630 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087387.D

Acq: 21 Jul 2025 17:50

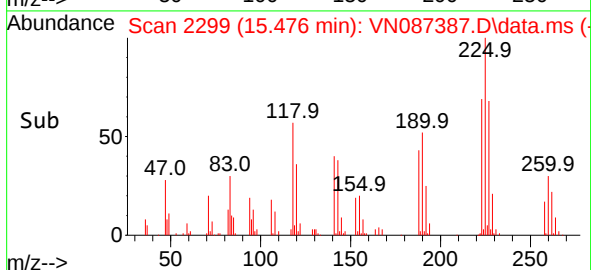
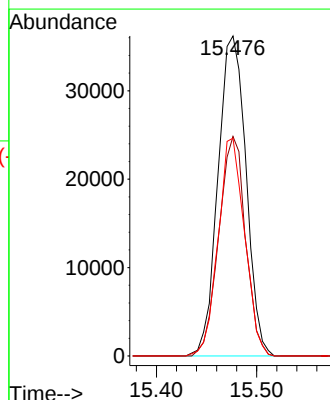
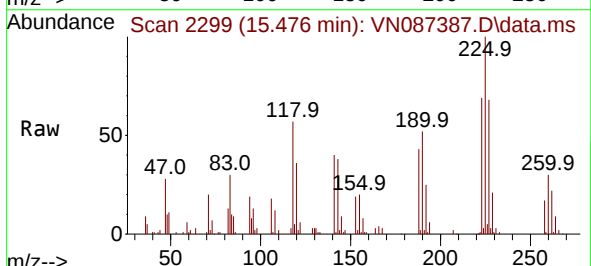
Tgt Ion:225 Resp: 70087

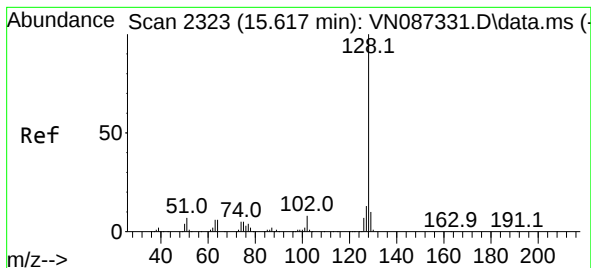
Ion Ratio Lower Upper

225 100

223 65.3 32.1 96.3

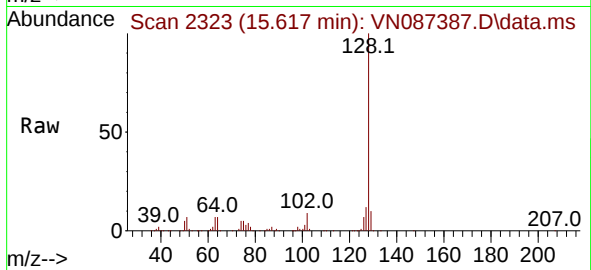
227 64.4 31.3 93.9





#95
Naphthalene
Concen: 54.755 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50

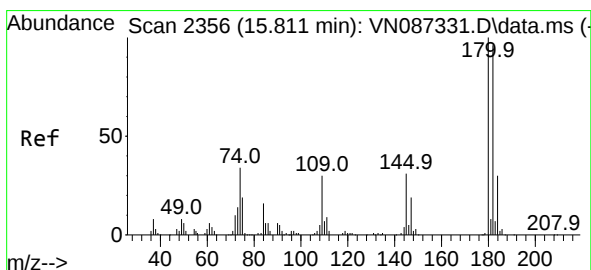
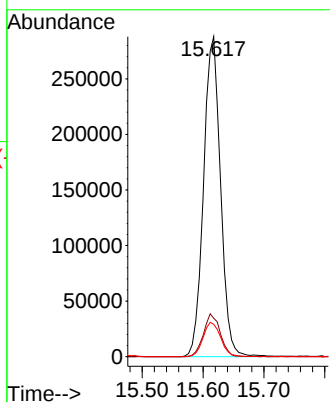
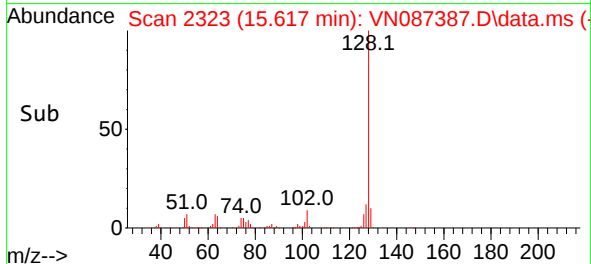
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



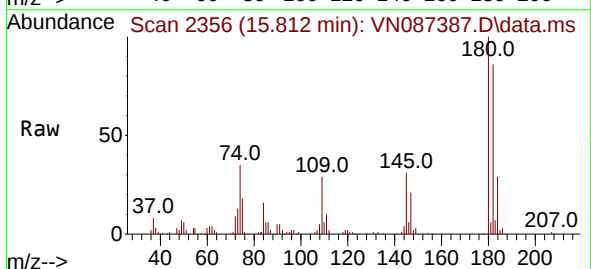
Tgt Ion:128 Resp: 557494
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 55.658 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087387.D
Acq: 21 Jul 2025 17:50



Tgt Ion:180 Resp: 160460
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.4
145 34.0 16.9 50.6

