

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087885.D
 Acq On : 18 Sep 2025 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2025
 Supervised By : Mahesh Dadoda 09/19/2025

Quant Time: Sep 19 03:00:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	263554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	461308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	428199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	237545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	220281	40.793	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.580%		
35) Dibromofluoromethane	8.147	113	172218	51.707	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.420%		
50) Toluene-d8	10.547	98	602029	48.294	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.580%		
62) 4-Bromofluorobenzene	12.829	95	220256	49.682	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	198385	52.999	ug/l	98
3) Chloromethane	2.383	50	187214	48.668	ug/l	97
4) Vinyl Chloride	2.536	62	201384	45.151	ug/l	98
5) Bromomethane	2.953	94	126945	55.160	ug/l	98
6) Chloroethane	3.124	64	132212	42.175	ug/l	94
7) Trichlorofluoromethane	3.506	101	333332	51.010	ug/l	96
8) Diethyl Ether	3.959	74	121021	42.524	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.359	101	179511	48.548	ug/l	95
10) Methyl Iodide	4.577	142	152894	54.603	ug/l	98
11) Tert butyl alcohol	5.524	59	217078	231.563	ug/l	98
12) 1,1-Dichloroethene	4.330	96	173762	45.730	ug/l	93
13) Acrolein	4.171	56	310089	269.066	ug/l	100
14) Allyl chloride	5.012	41	297155	43.155	ug/l	94
15) Acrylonitrile	5.706	53	660065	249.663	ug/l	97
16) Acetone	4.424	43	629366	214.103	ug/l	95
17) Carbon Disulfide	4.700	76	540947	51.712	ug/l	98
18) Methyl Acetate	5.012	43	318197	51.699	ug/l	96
19) Methyl tert-butyl Ether	5.783	73	716183	50.243	ug/l	96
20) Methylene Chloride	5.259	84	224197	52.799	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	208391	50.603	ug/l	89
22) Diisopropyl ether	6.659	45	714268	48.068	ug/l	98
23) Vinyl Acetate	6.589	43	3244308	239.981	ug/l	99
24) 1,1-Dichloroethane	6.547	63	389637	47.824	ug/l	99
25) 2-Butanone	7.471	43	926586	239.593	ug/l	98
26) 2,2-Dichloropropane	7.471	77	363491	51.982	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	252850	51.359	ug/l	96
28) Bromochloromethane	7.794	49	165084	41.912	ug/l	92
29) Tetrahydrofuran	7.824	42	588653	236.516	ug/l	97
30) Chloroform	7.947	83	420650	50.584	ug/l	99
31) Cyclohexane	8.235	56	320745	47.223	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	366141	51.954	ug/l	94
36) 1,1-Dichloropropene	8.353	75	274170	53.658	ug/l	97
37) Ethyl Acetate	7.547	43	362061	51.855	ug/l	96
38) Carbon Tetrachloride	8.341	117	309946	61.438	ug/l	96
39) Methylcyclohexane	9.582	83	325476	57.858	ug/l	96
40) Benzene	8.588	78	869356	55.472	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	186525	51.572	ug/l	94
42) 1,2-Dichloroethane	8.653	62	316355	52.530	ug/l	100
43) Isopropyl Acetate	8.671	43	569864	52.276	ug/l	97
44) Trichloroethene	9.335	130	206567	57.732	ug/l	99
45) 1,2-Dichloropropane	9.600	63	220574	53.395	ug/l	100
46) Dibromomethane	9.688	93	169639	57.707	ug/l	93
47) Bromodichloromethane	9.871	83	342636	56.872	ug/l	99
48) Methyl methacrylate	9.665	41	270324	52.427	ug/l	98
49) 1,4-Dioxane	9.682	88	75146	1124.404	ug/l #	96
51) 4-Methyl-2-Pentanone	10.424	43	1776769	270.148	ug/l	98
52) Toluene	10.612	92	556938	57.324	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	357164	57.273	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	370619	57.237	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	215713	57.394	ug/l	98
56) Ethyl methacrylate	10.853	69	348444	58.011	ug/l	97
57) 1,3-Dichloropropane	11.141	76	372069	55.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	781024	240.238	ug/l	95
59) 2-Hexanone	11.176	43	1244997	299.518	ug/l	97
60) Dibromochloromethane	11.335	129	262393	60.252	ug/l	98
61) 1,2-Dibromoethane	11.447	107	228479	57.652	ug/l	99
64) Tetrachloroethene	11.082	164	172956	58.219	ug/l	94
65) Chlorobenzene	11.871	112	611770	57.427	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	222486	62.909	ug/l	99
67) Ethyl Benzene	11.941	91	1079219	58.511	ug/l	100
68) m/p-Xylenes	12.047	106	825857	122.087	ug/l	95
69) o-Xylene	12.376	106	392736	59.244	ug/l	96
70) Styrene	12.388	104	682953	61.494	ug/l	99
71) Bromoform	12.559	173	183511	67.658	ug/l	97
73) Isopropylbenzene	12.676	105	1039501	54.154	ug/l	98
74) N-amyl acetate	12.500	43	333323m	45.822	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	337362	51.049	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	261927m	47.020	ug/l	
77) Bromobenzene	12.959	156	253661	56.047	ug/l	91
78) n-propylbenzene	13.012	91	1274915	53.922	ug/l	99
79) 2-Chlorotoluene	13.106	91	744561	52.329	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	884686	54.329	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	119761	56.916	ug/l	83
82) 4-Chlorotoluene	13.200	91	767012	51.272	ug/l	95
83) tert-Butylbenzene	13.417	119	757068	55.792	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	897422	55.054	ug/l	99
85) sec-Butylbenzene	13.594	105	1107137	54.981	ug/l	99
86) p-Isopropyltoluene	13.706	119	944089	56.777	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	499603	56.055	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	505219	54.470	ug/l	98
89) n-Butylbenzene	14.035	91	880168	53.298	ug/l	97
90) Hexachloroethane	14.312	117	180353	56.931	ug/l	88
91) 1,2-Dichlorobenzene	14.082	146	467754	55.319	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	77271	49.220	ug/l	90
93) 1,2,4-Trichlorobenzene	15.364	180	295064	58.112	ug/l	97
94) Hexachlorobutadiene	15.470	225	102587	56.672	ug/l	99
95) Naphthalene	15.611	128	963151	53.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	283758	57.165	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

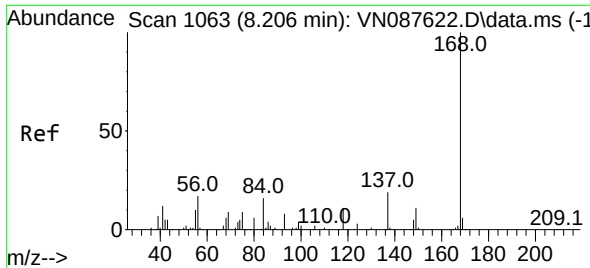
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

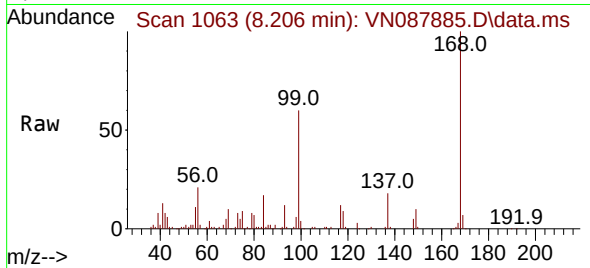
Quant Time: Sep 19 03:00:32 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

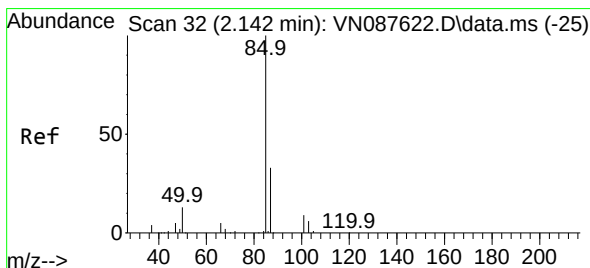
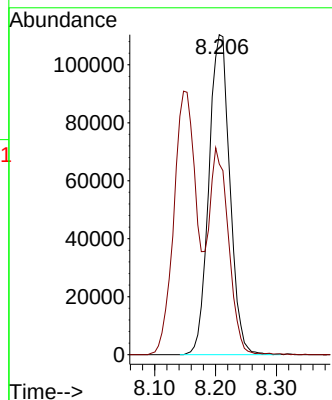
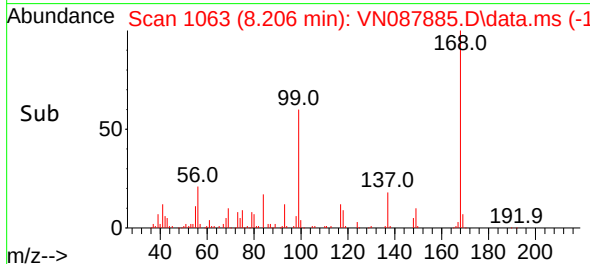
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 263554
Ion Ratio Lower Upper
168 100
99 59.4 57.2 85.8

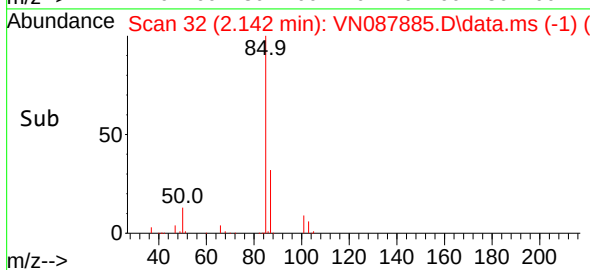
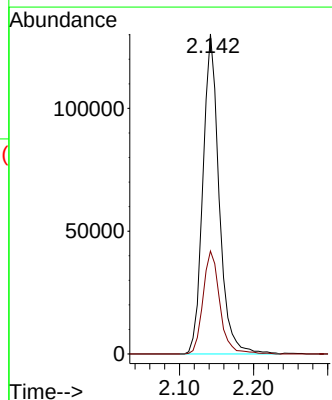
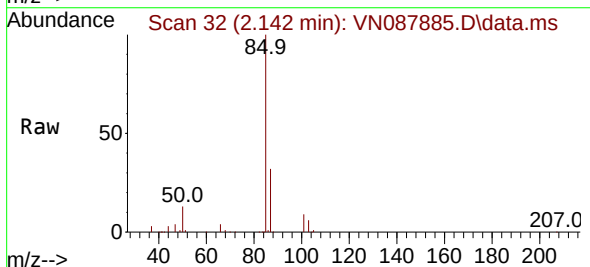
Manual Integrations
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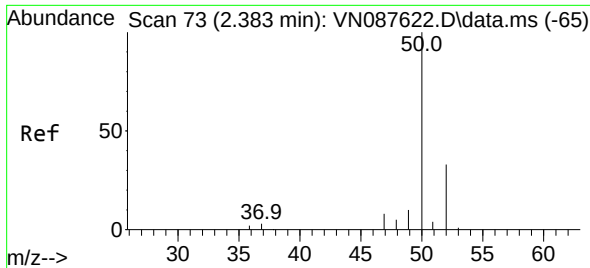
Reviewed By :John Carlone 09/19/2025
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#2
Dichlorodifluoromethane
Concen: 52.999 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

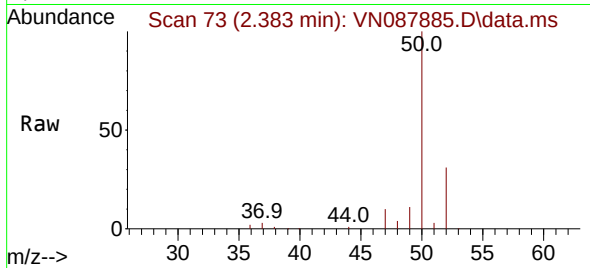
Tgt Ion: 85 Resp: 198385
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.8





#3
Chloromethane
Concen: 48.668 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

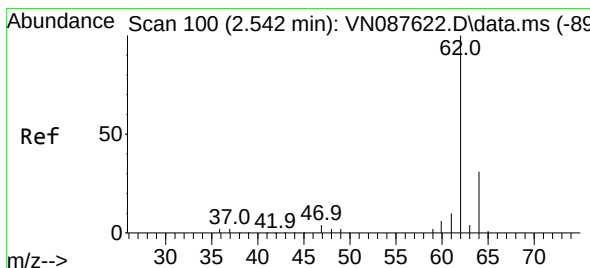
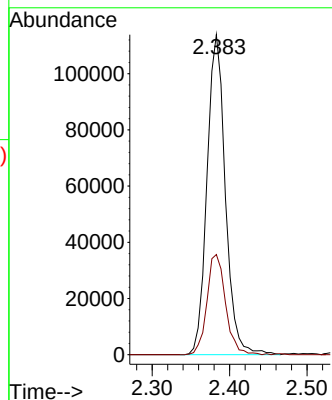
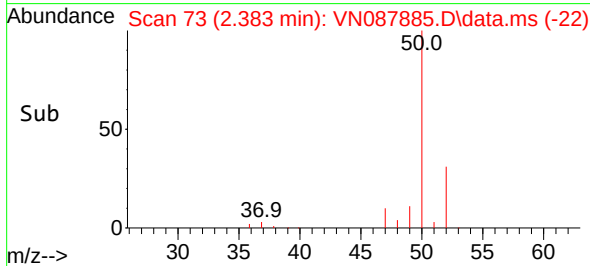
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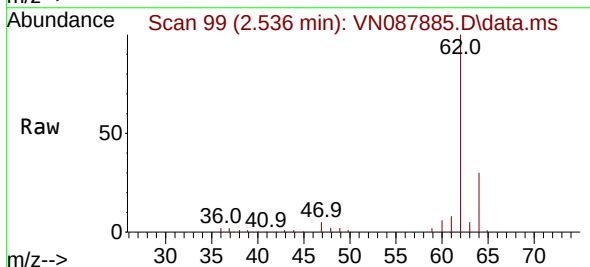
Tgt Ion: 50 Resp: 187214
Ion Ratio Lower Upper
50 100
52 31.3 26.2 39.4

Manual Integrations
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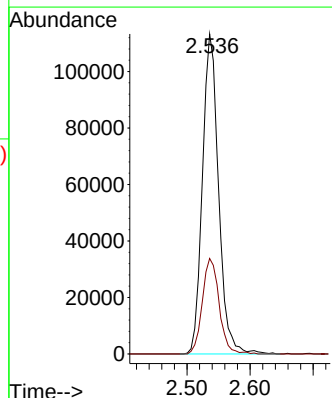
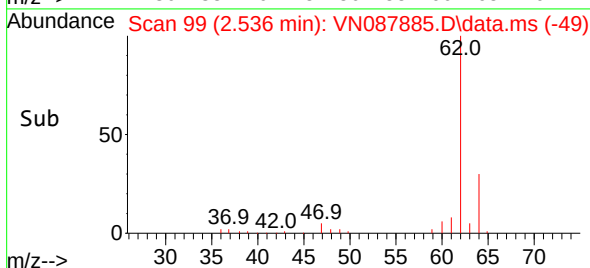
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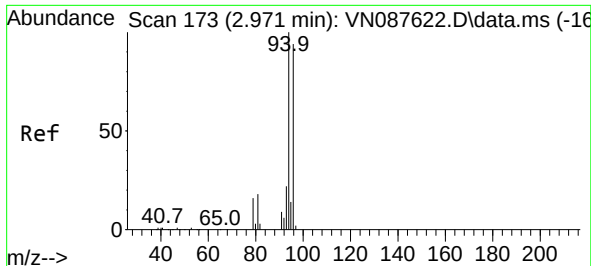


#4
Vinyl Chloride
Concen: 45.151 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



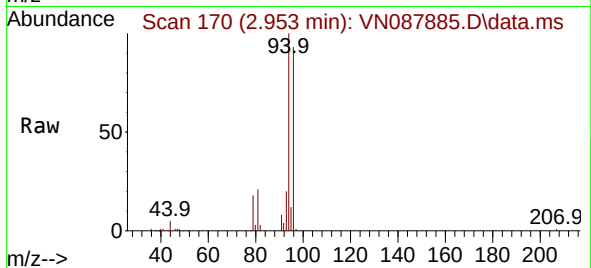
Tgt Ion: 62 Resp: 201384
Ion Ratio Lower Upper
62 100
64 29.8 24.6 37.0





#5
Bromomethane
Concen: 55.160 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

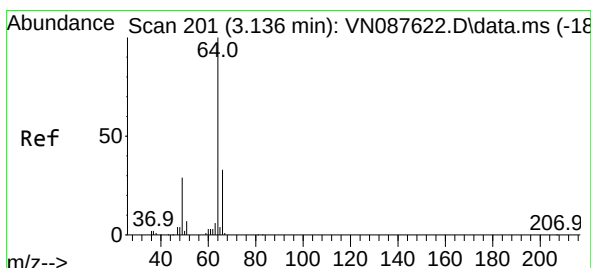
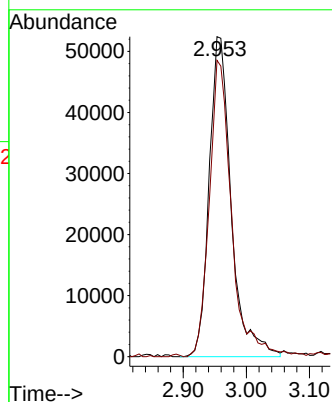
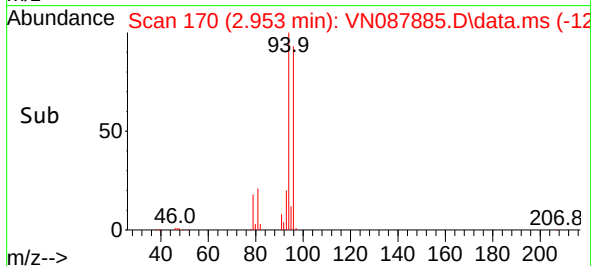
Instrument :
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Tgt Ion: 94 Resp: 12694
Ion Ratio Lower Upper
94 100
96 92.2 75.4 113.2

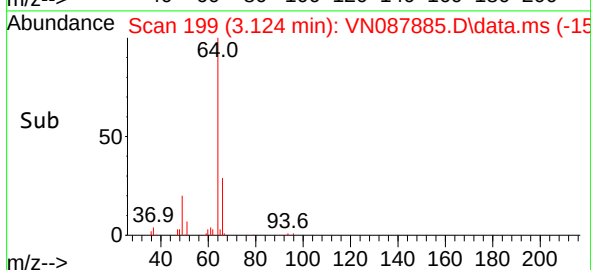
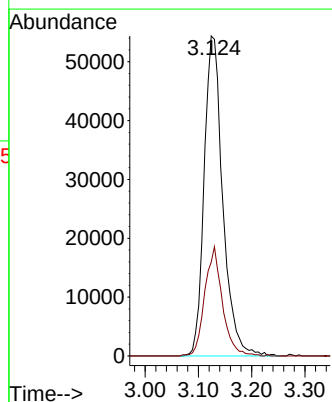
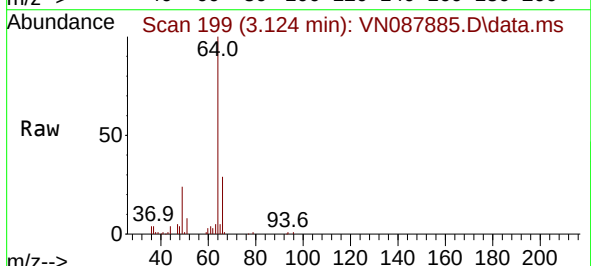
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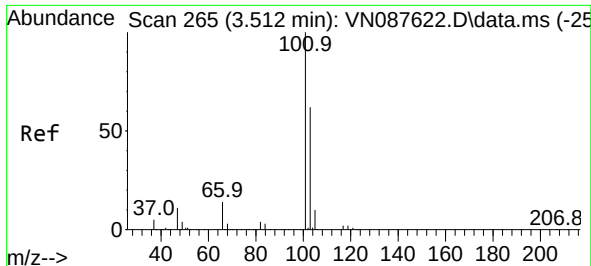
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#6
Chloroethane
Concen: 42.175 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.012 min
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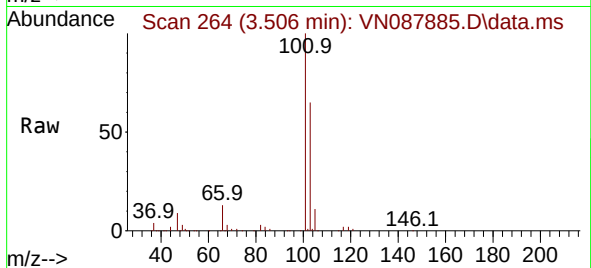
Tgt Ion: 64 Resp: 132212
Ion Ratio Lower Upper
64 100
66 29.4 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 51.010 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087885.D
 Acq: 18 Sep 2025 10:25

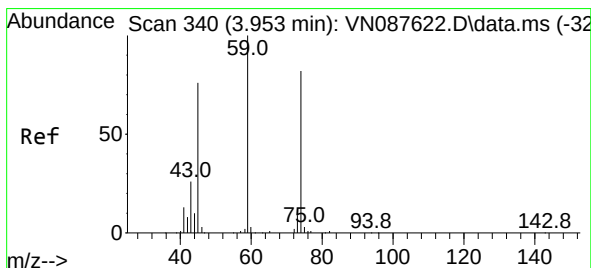
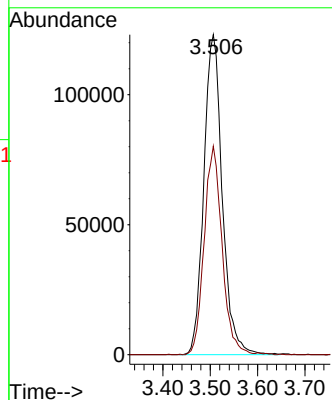
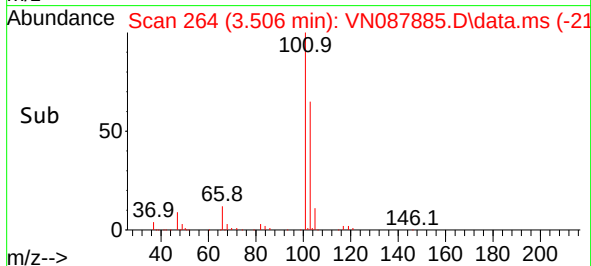
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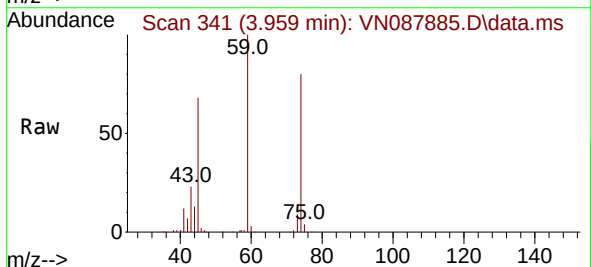
Tgt Ion: 101 Resp: 33333
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.4 74.0

Manual Integrations
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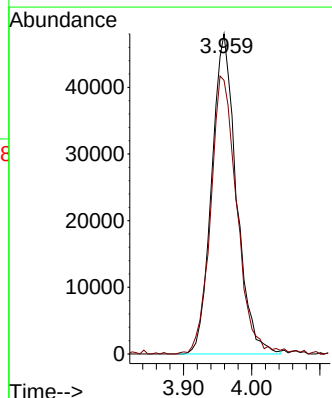
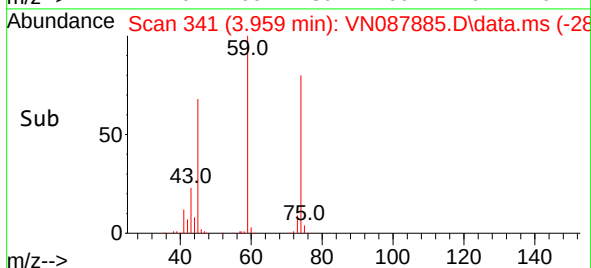
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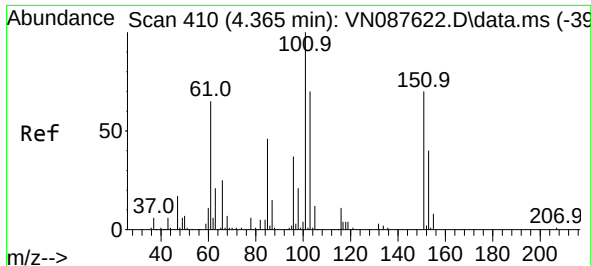


#8
 Diethyl Ether
 Concen: 42.524 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087885.D
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Tgt Ion: 74 Resp: 121021
 Ion Ratio Lower Upper
 74 100
 45 92.3 50.6 151.9





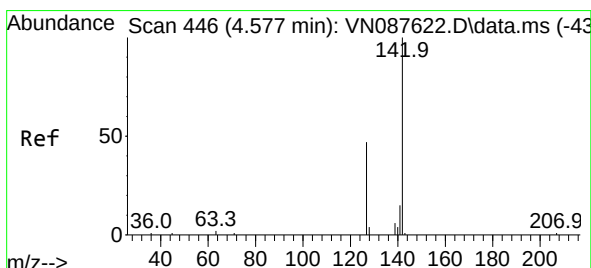
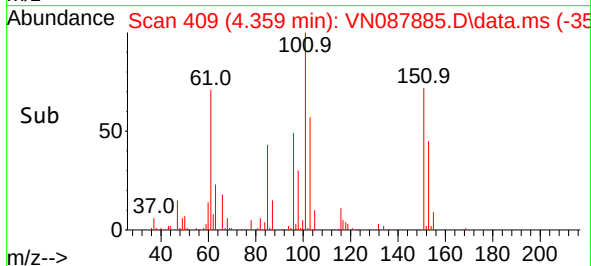
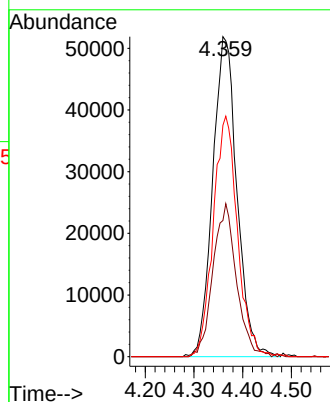
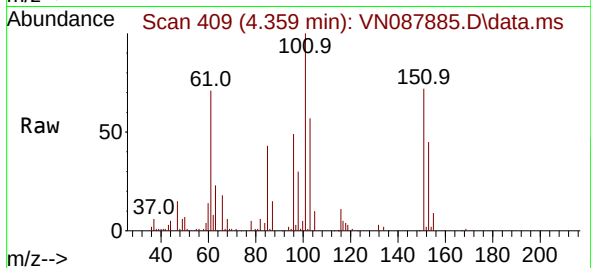
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.548 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17951
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 74.9 54.7 82.1

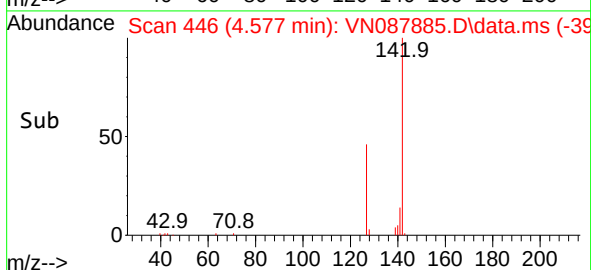
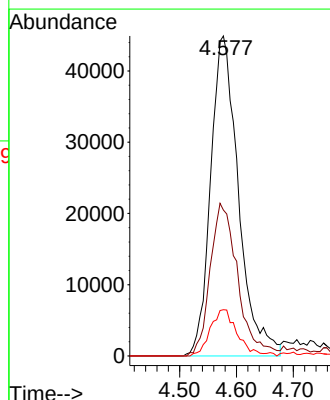
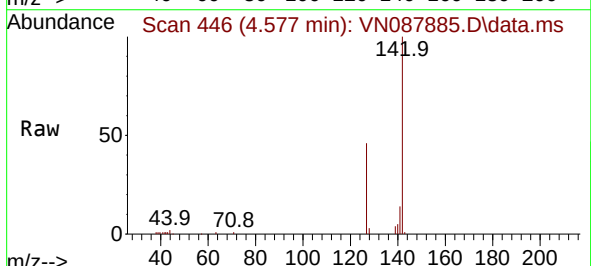
Manual Integrations
APPROVED

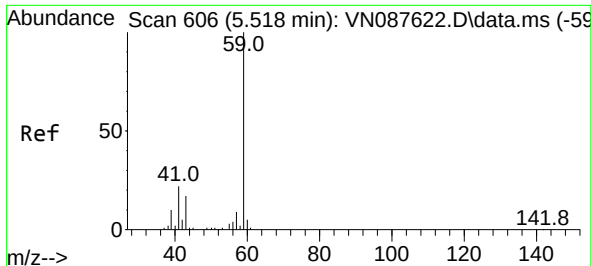
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#10
Methyl Iodide
Concen: 54.603 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

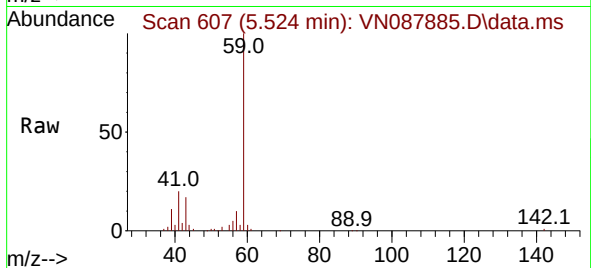
Tgt Ion:142 Resp: 152894
Ion Ratio Lower Upper
142 100
127 45.6 38.0 57.0
141 14.4 12.0 18.0





#11
Tert butyl alcohol
Concen: 231.563 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

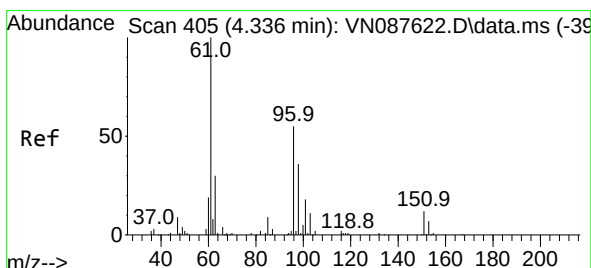
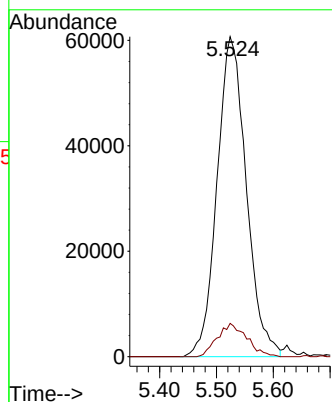
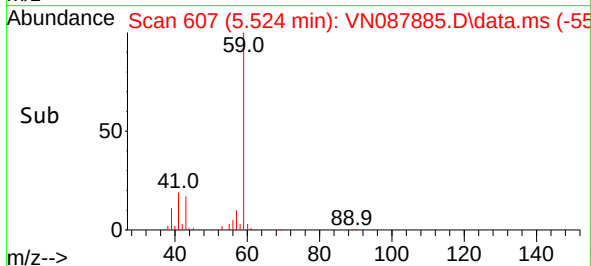
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



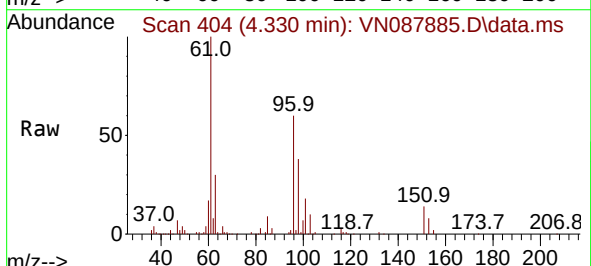
Tgt Ion: 59 Resp: 217078
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

Manual Integrations
APPROVED

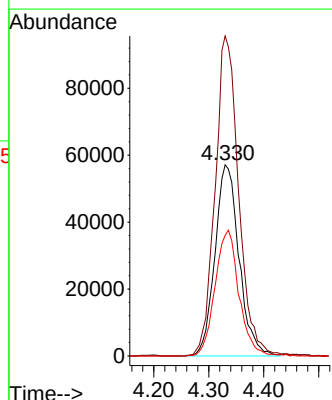
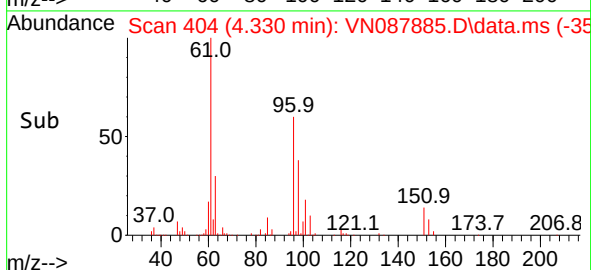
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

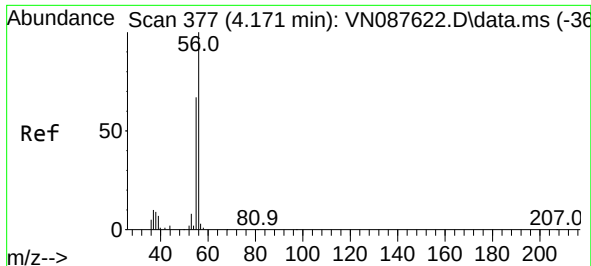


#12
1,1-Dichloroethene
Concen: 45.730 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



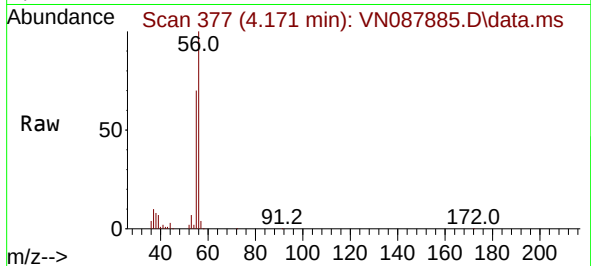
Tgt Ion: 96 Resp: 173762
Ion Ratio Lower Upper
96 100
61 167.3 143.8 215.8
98 63.1 52.1 78.1





#13
Acrolein
Concen: 269.066 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

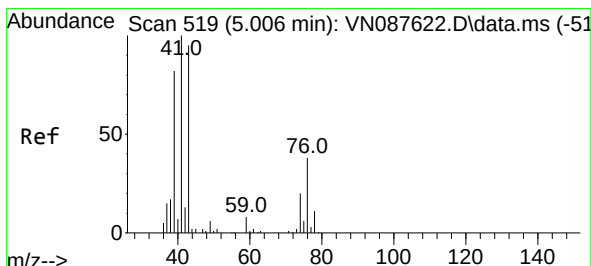
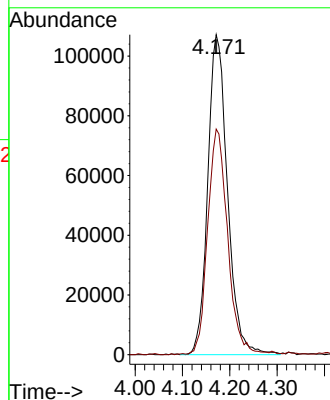
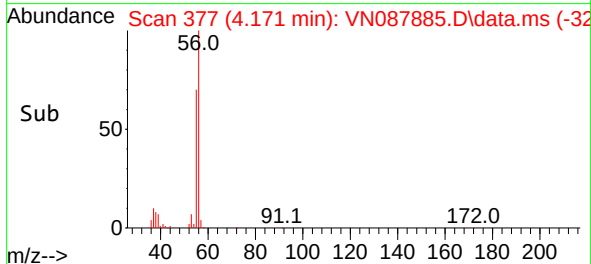
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 310089
Ion Ratio Lower Upper
56 100
55 71.5 57.3 85.9

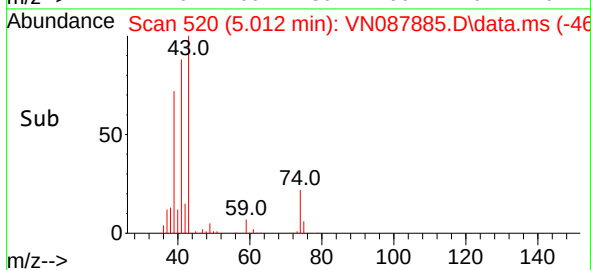
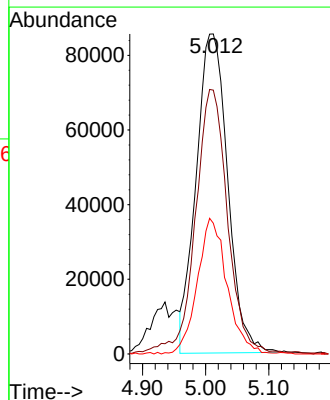
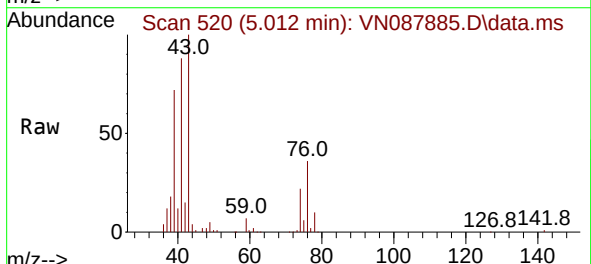
Manual Integrations
APPROVED

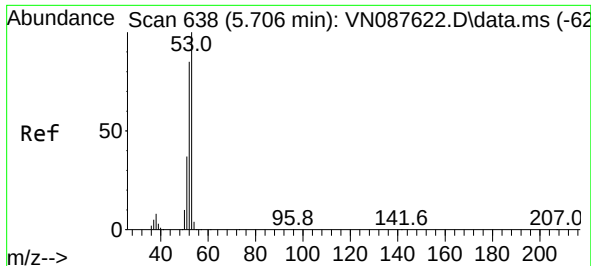
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#14
Allyl chloride
Concen: 43.155 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

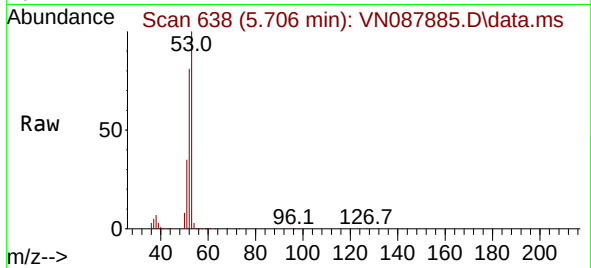
Tgt Ion: 41 Resp: 297155
Ion Ratio Lower Upper
41 100
39 84.8 63.9 95.9
76 40.0 28.1 42.1





#15
Acrylonitrile
Concen: 249.663 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

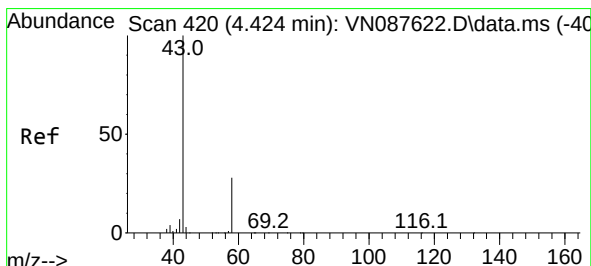
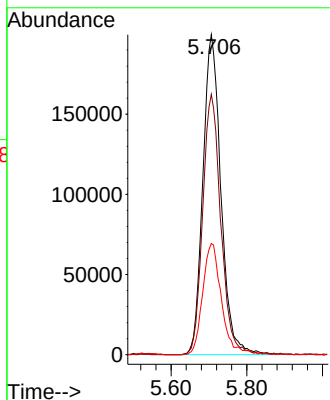
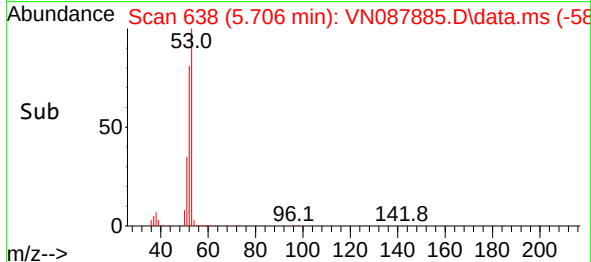
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



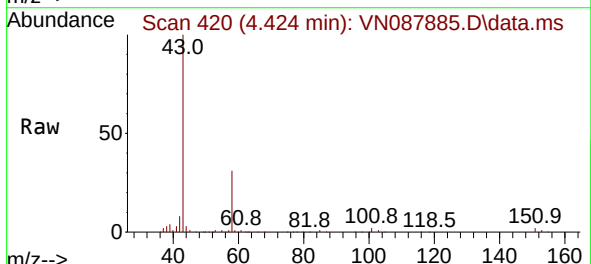
Tgt Ion: 53 Resp: 66006
Ion Ratio Lower Upper
53 100
52 81.2 67.6 101.4
51 36.0 30.1 45.1

Manual Integrations
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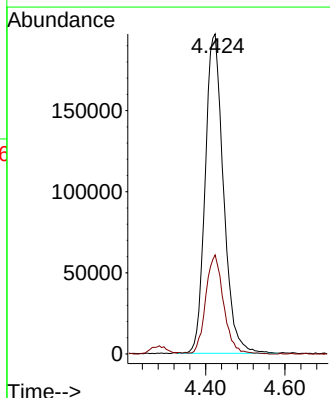
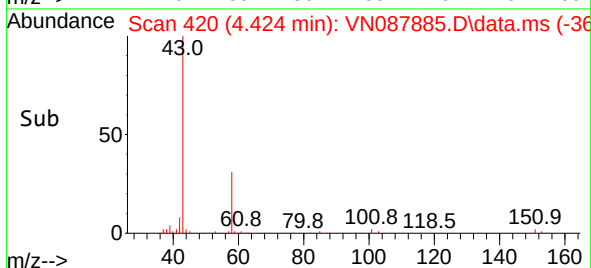
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

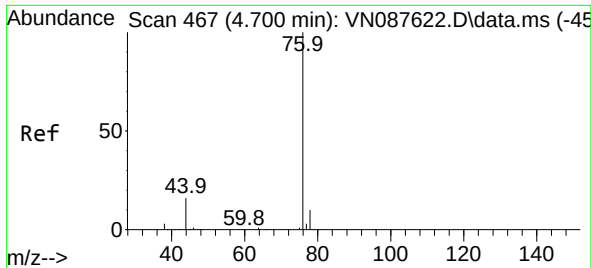


#16
Acetone
Concen: 214.103 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



Tgt Ion: 43 Resp: 629366
Ion Ratio Lower Upper
43 100
58 31.0 22.6 33.8





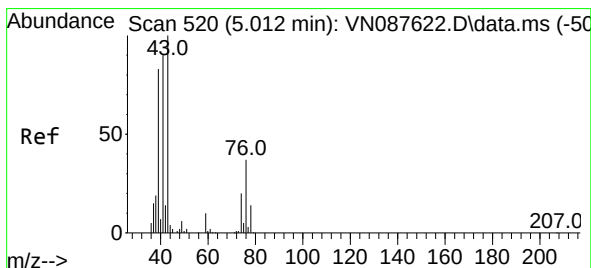
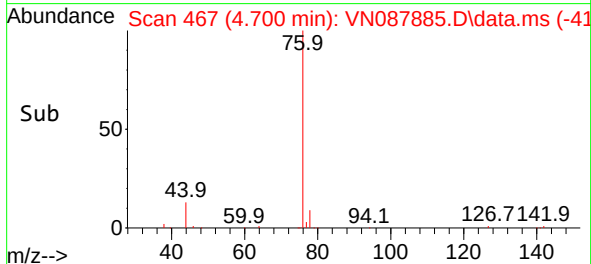
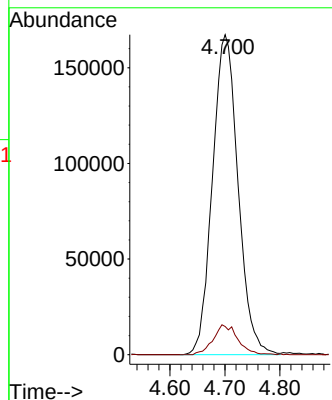
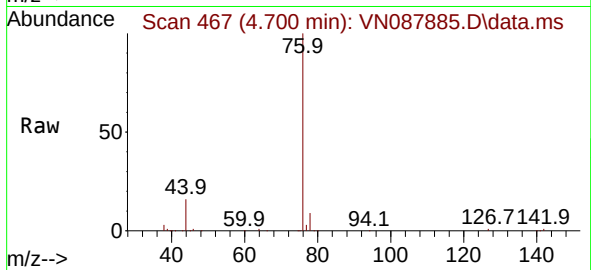
#17
Carbon Disulfide
Concen: 51.712 ug/l
RT: 4.700 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 54094
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

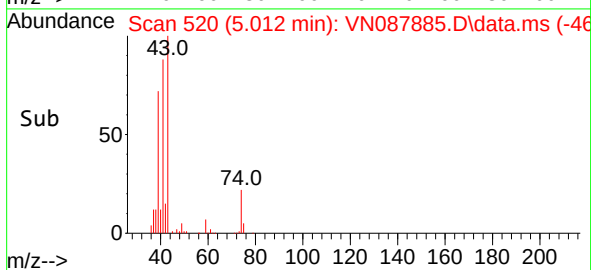
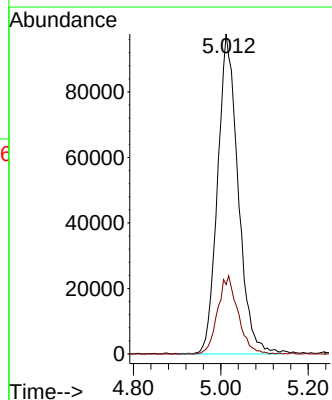
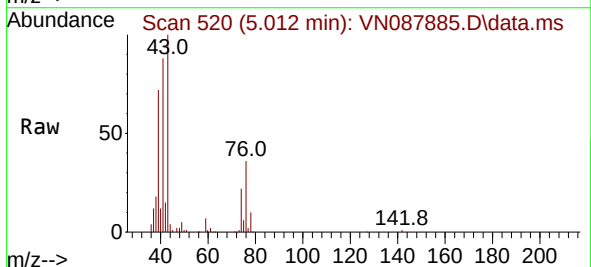
Manual Integrations
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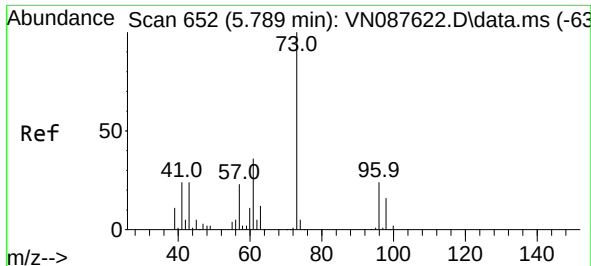
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#18
Methyl Acetate
Concen: 51.699 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Tgt Ion: 43 Resp: 318197
Ion Ratio Lower Upper
43 100
74 24.1 17.6 26.4





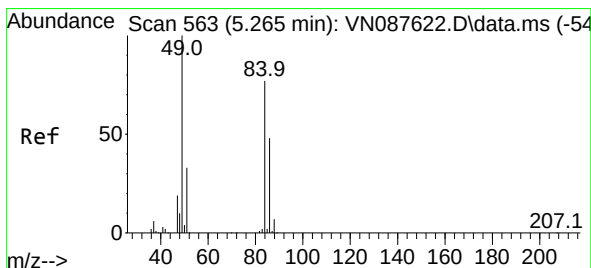
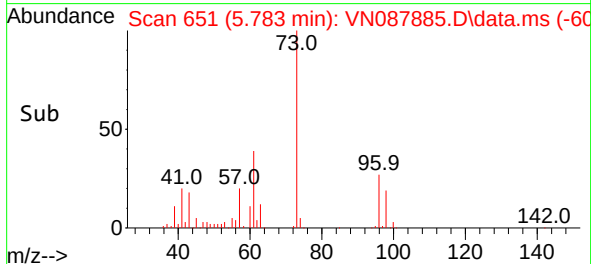
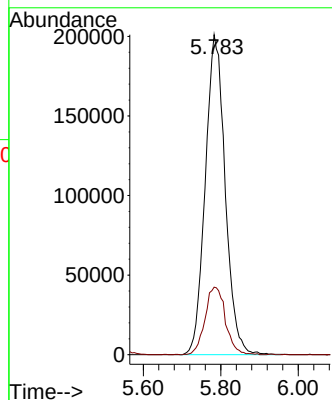
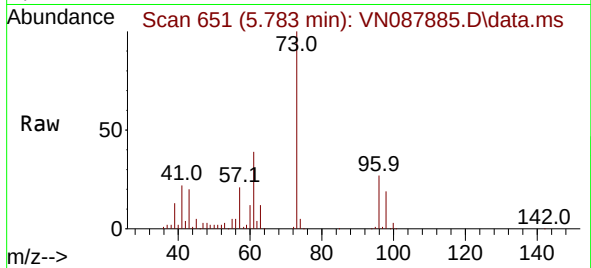
#19
Methyl tert-butyl Ether
Concen: 50.243 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 71618
Ion Ratio Lower Upper
73 100
57 21.1 18.4 27.6

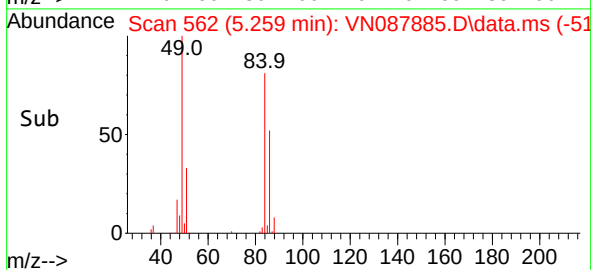
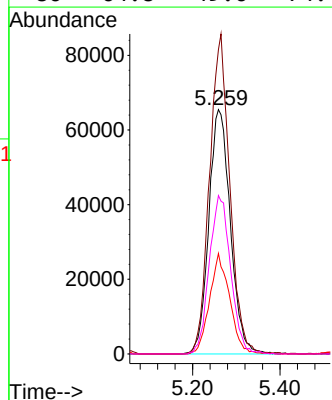
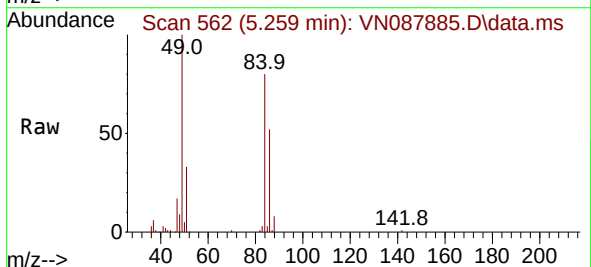
Manual Integrations
APPROVED

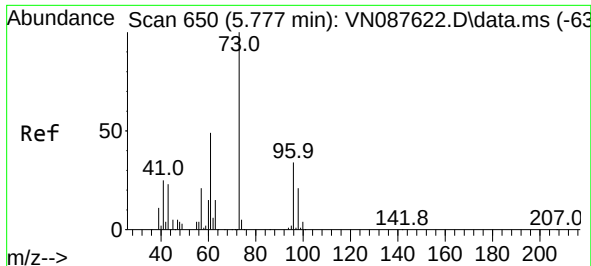
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#20
Methylene Chloride
Concen: 52.799 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

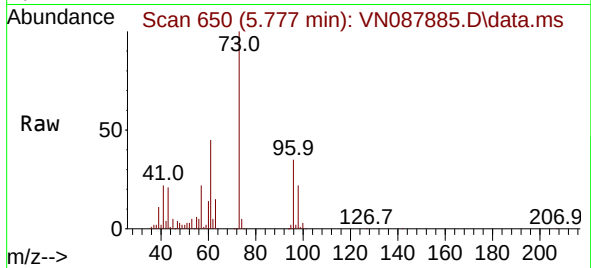
Tgt Ion: 84 Resp: 224197
Ion Ratio Lower Upper
84 100
49 124.6 103.4 155.2
51 41.1 33.8 50.8
86 64.8 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 50.603 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

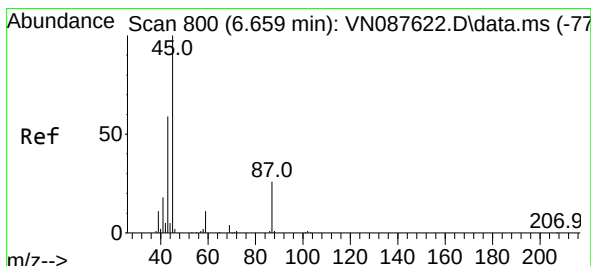
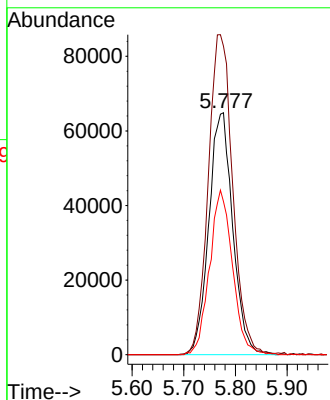
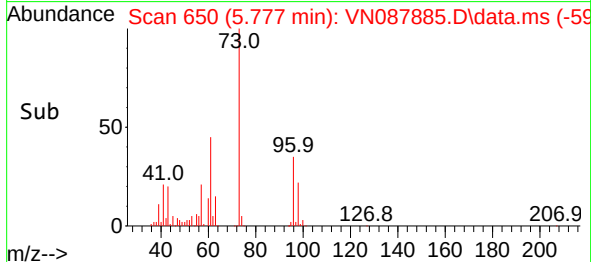
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 20839
Ion Ratio Lower Upper
96 100
61 127.5 118.0 177.0
98 63.3 50.0 75.0

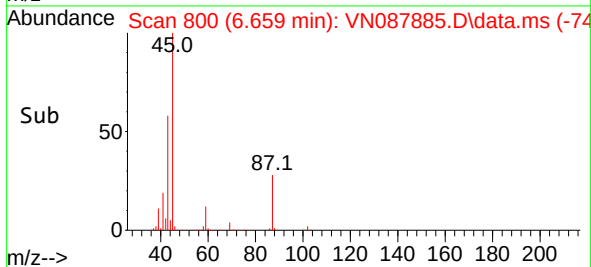
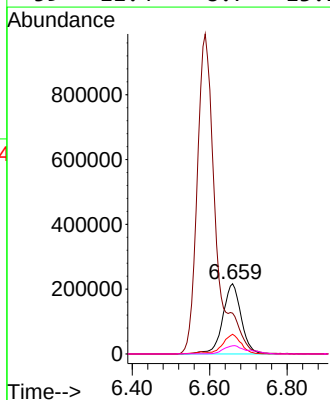
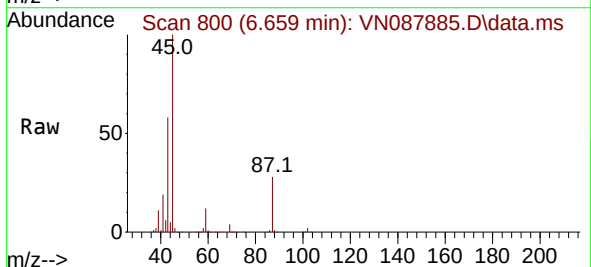
Manual Integrations
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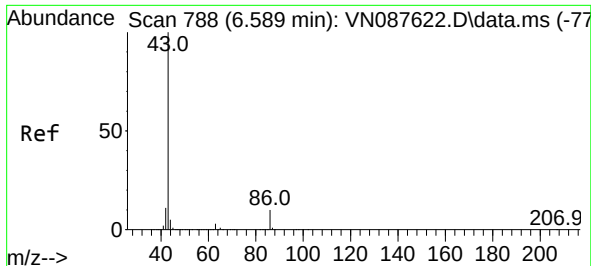
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#22
Diisopropyl ether
Concen: 48.068 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

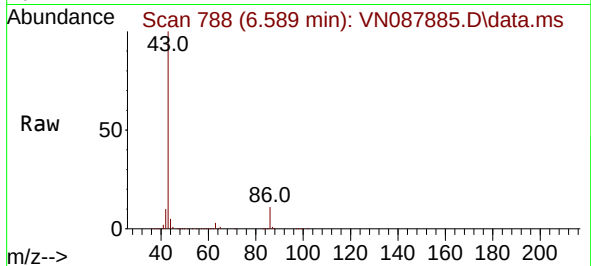
Tgt Ion: 45 Resp: 714268
Ion Ratio Lower Upper
45 100
43 57.7 47.7 71.5
87 27.8 21.4 32.0
59 11.4 8.7 13.1





#23
 Vinyl Acetate
 Concen: 239.981 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087885.D
 Acq: 18 Sep 2025 10:25

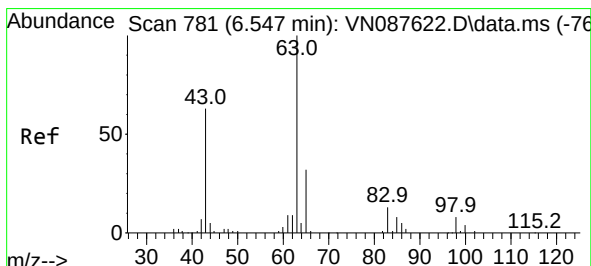
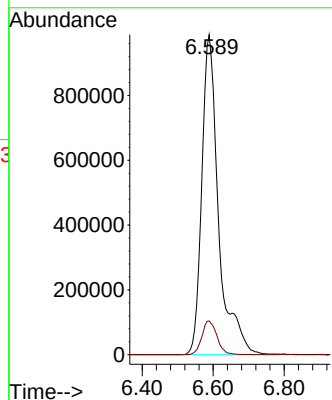
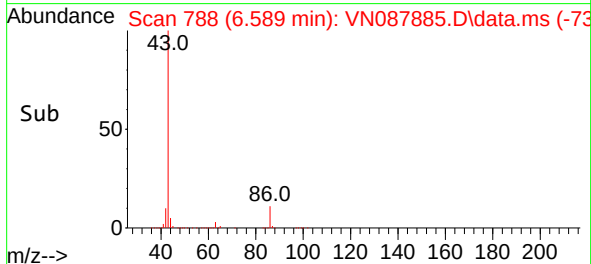
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



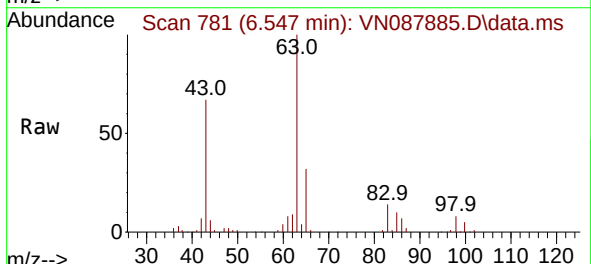
Tgt Ion: 43 Resp: 3244308
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.4

Manual Integrations
 APPROVED

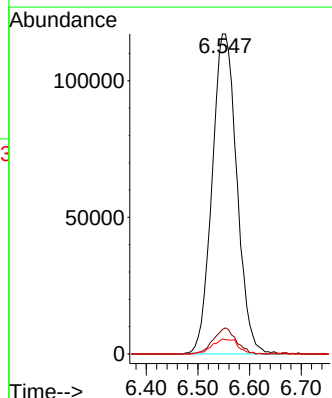
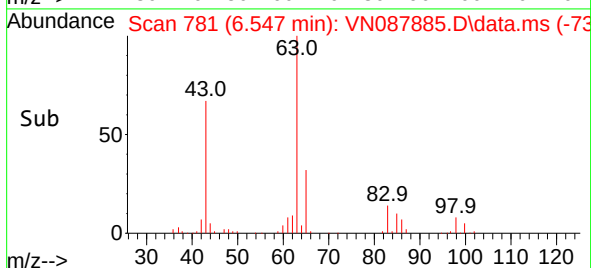
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025

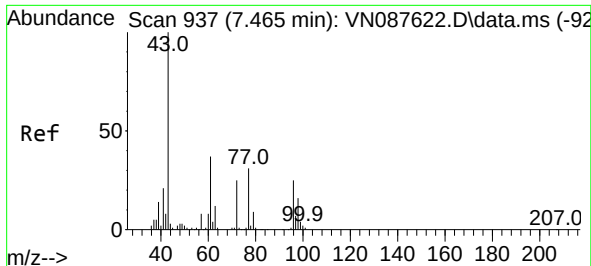


#24
 1,1-Dichloroethane
 Concen: 47.824 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN087885.D
 Acq: 18 Sep 2025 10:25



Tgt Ion: 63 Resp: 389637
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.7 2.0 6.0





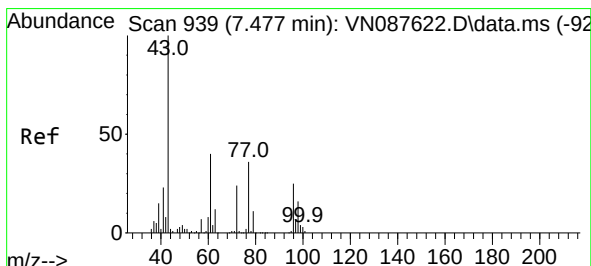
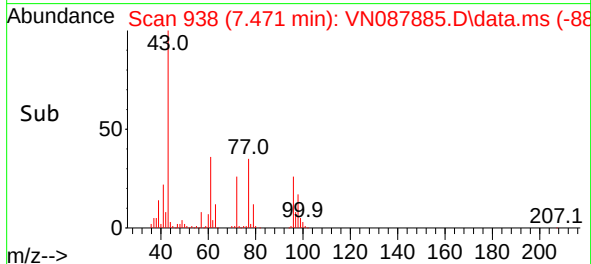
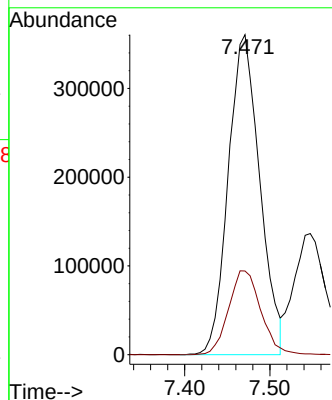
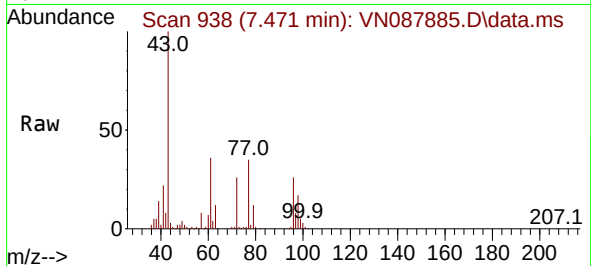
#25
2-Butanone
Concen: 239.593 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 926586
Ion Ratio Lower Upper
43 100
72 26.1 19.9 29.9

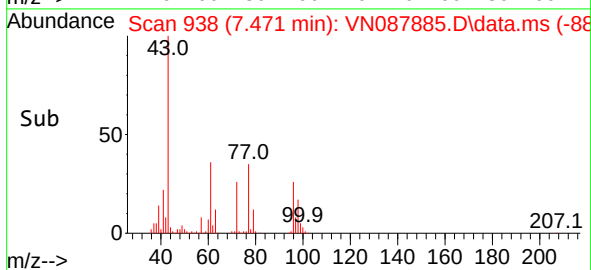
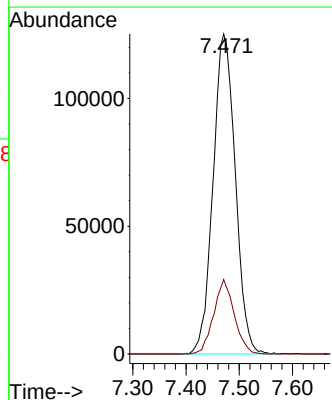
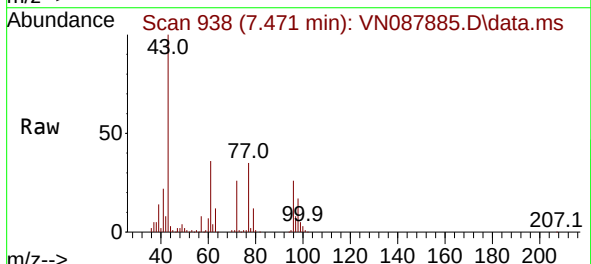
Manual Integrations
APPROVED

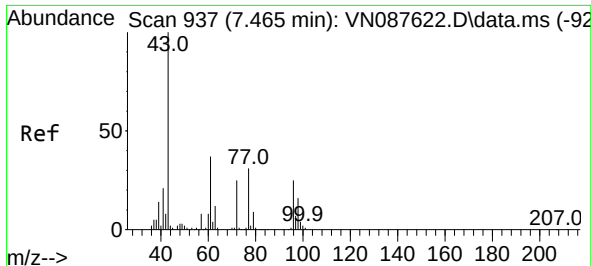
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#26
2,2-Dichloropropane
Concen: 51.982 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

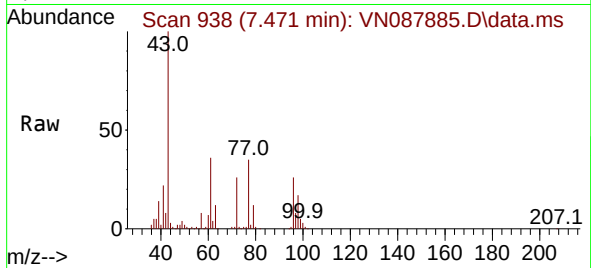
Tgt Ion: 77 Resp: 363491
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 51.359 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087885.D
 Acq: 18 Sep 2025 10:25

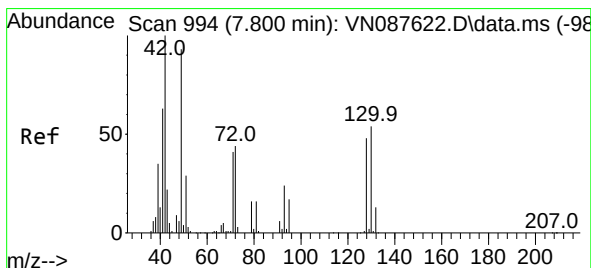
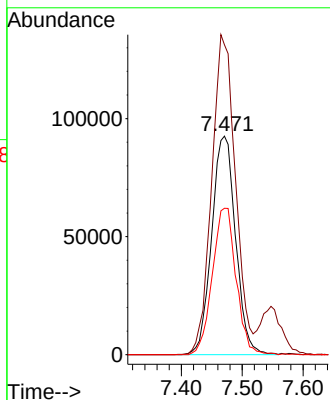
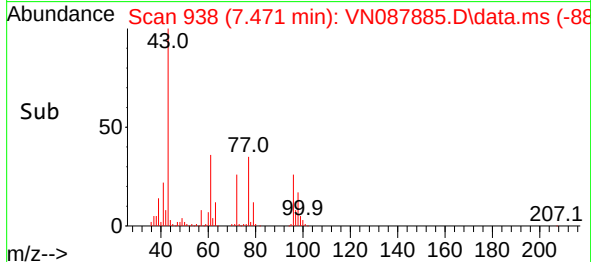
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 252850
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 301.8
 98 66.4 0.0 126.2

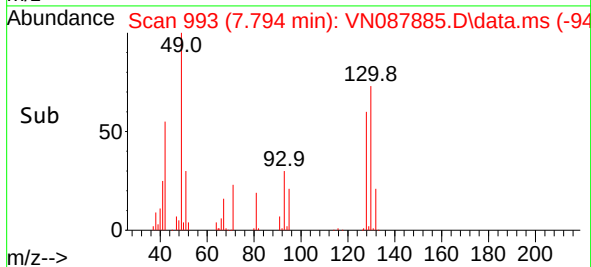
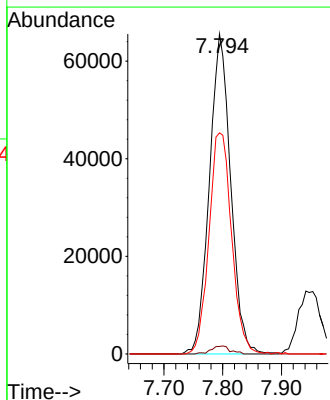
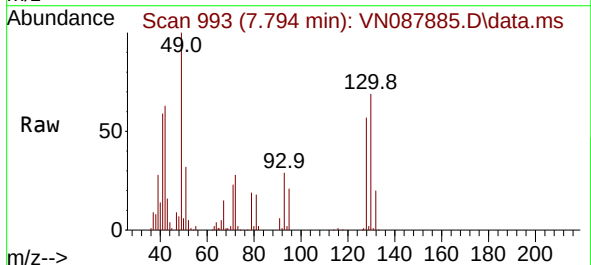
Manual Integrations
 APPROVED

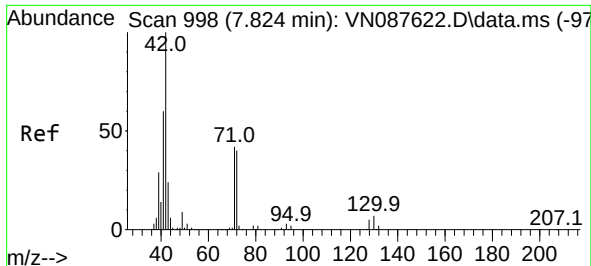
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025



#28
 Bromochloromethane
 Concen: 41.912 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087885.D
 Acq: 18 Sep 2025 10:25

Tgt Ion: 49 Resp: 165084
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.0
 130 73.2 53.1 79.7





#29

Tetrahydrofuran

Concen: 236.516 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087885.D

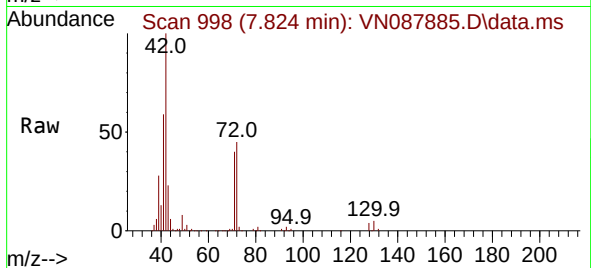
Acq: 18 Sep 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



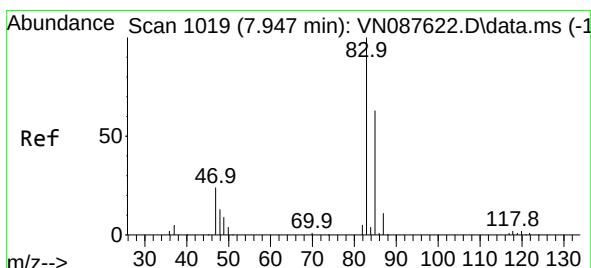
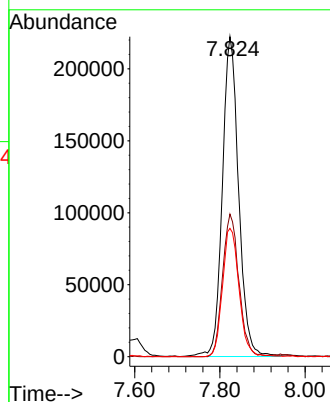
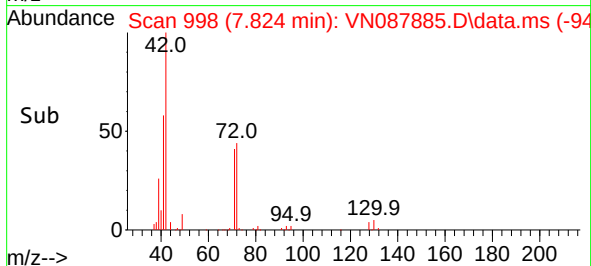
Tgt Ion:	42	Resp:	58865
Ion Ratio	Lower	Upper	
42	100		
72	44.8	33.7	50.5
71	40.8	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#30

Chloroform

Concen: 50.584 ug/l

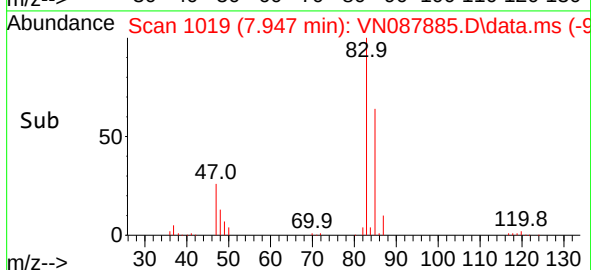
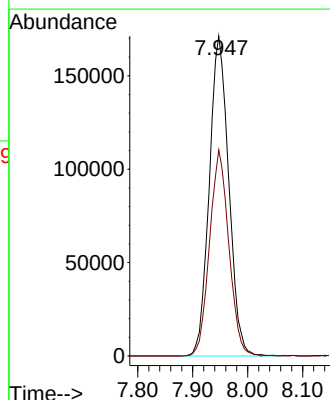
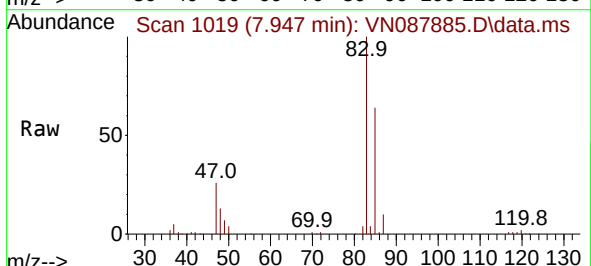
RT: 7.947 min Scan# 1019

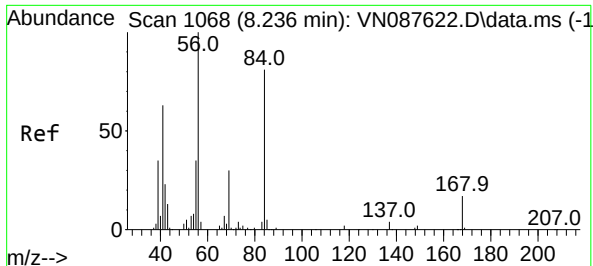
Delta R.T. -0.000 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

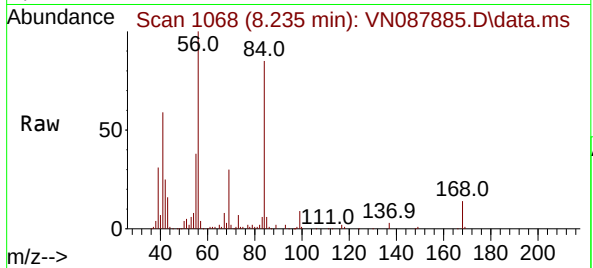
Tgt Ion:	83	Resp:	420650
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.7	76.1





#31
Cyclohexane
Concen: 47.223 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

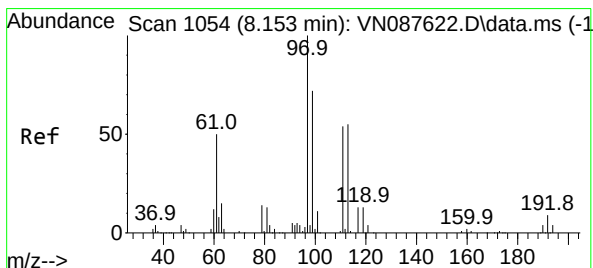
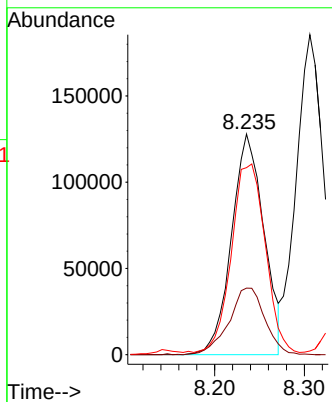
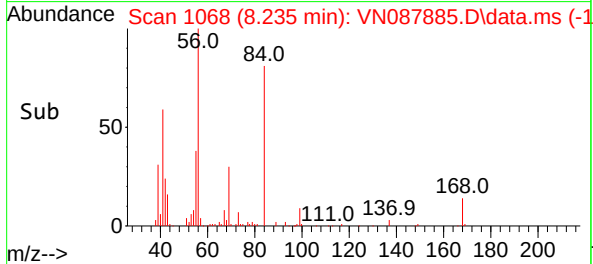
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 320745
Ion Ratio Lower Upper
56 100
69 29.5 23.7 35.5
84 83.5 64.7 97.1

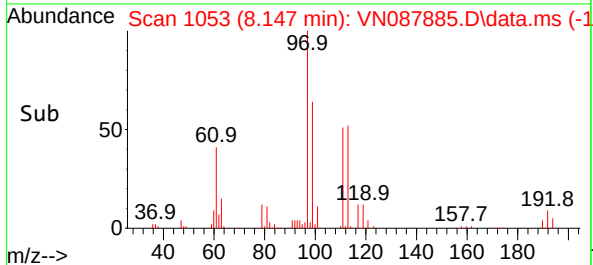
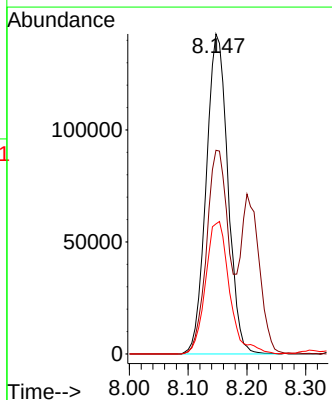
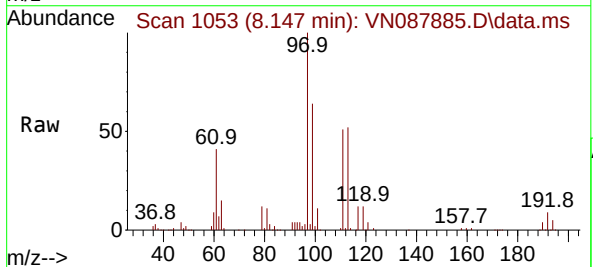
Manual Integrations
APPROVED

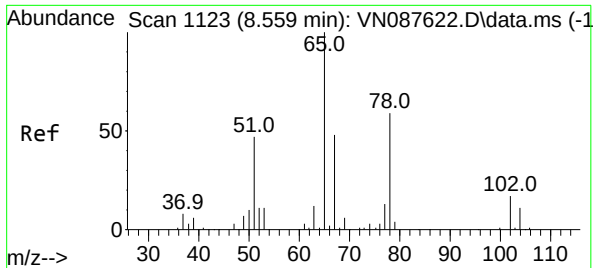
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#32
1,1,1-Trichloroethane
Concen: 51.954 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Tgt Ion: 97 Resp: 366141
Ion Ratio Lower Upper
97 100
99 62.4 52.2 78.2
61 45.7 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 40.793 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 22028

Ion Ratio Lower Upper

65 100

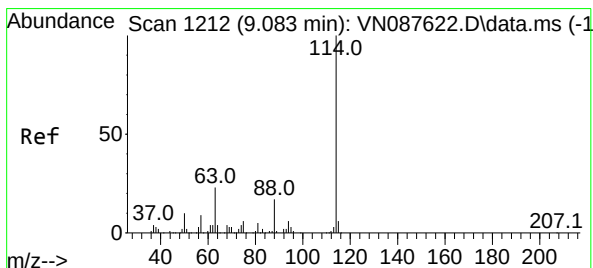
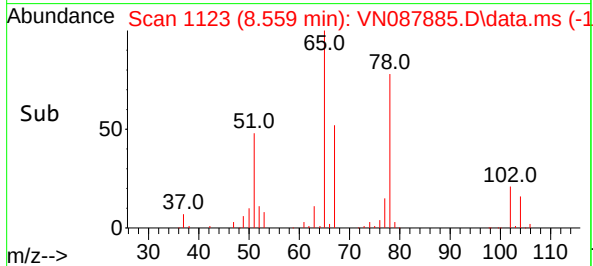
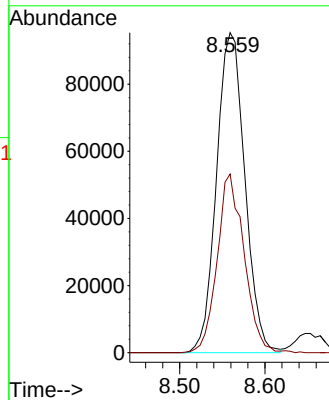
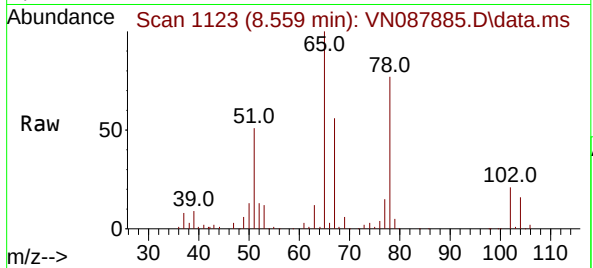
67 53.1 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

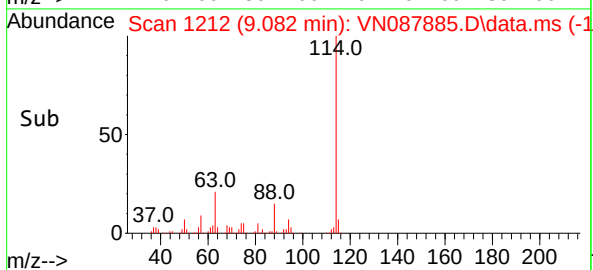
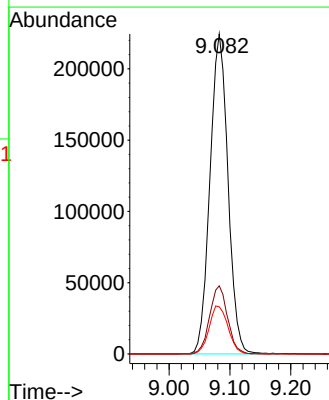
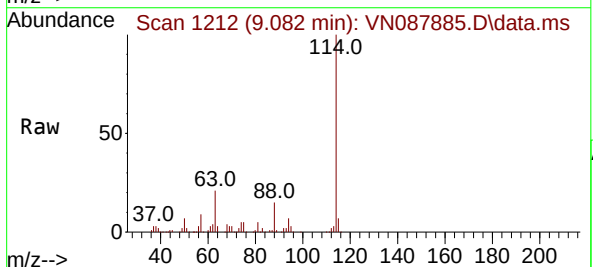
Tgt Ion:114 Resp: 461308

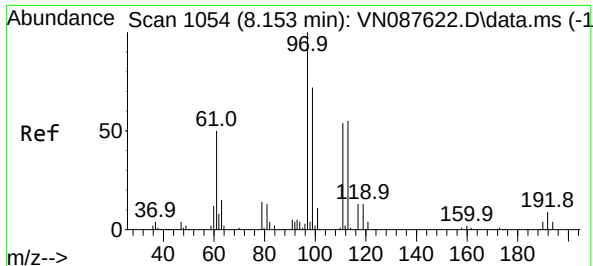
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

88 14.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.707 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 172218

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

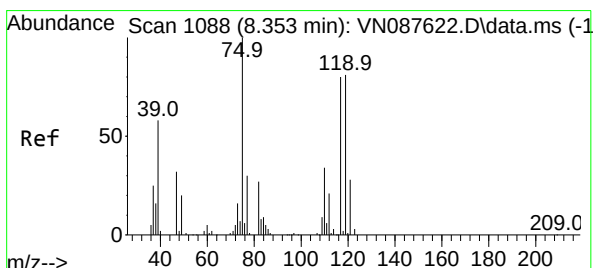
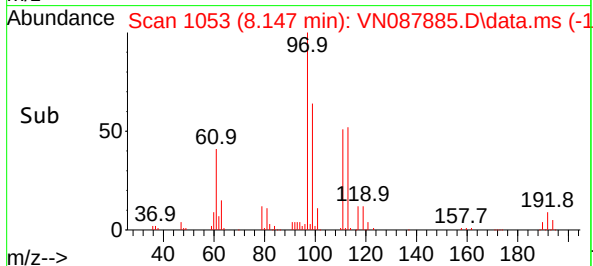
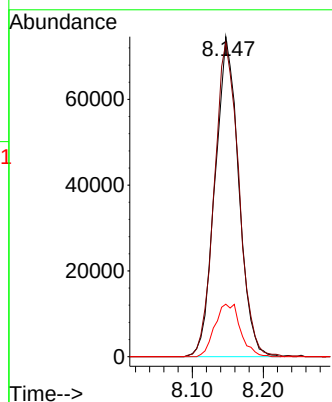
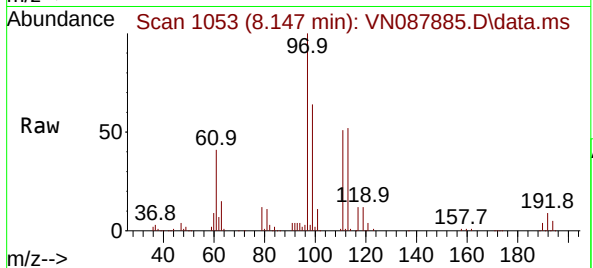
192 17.8 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#36

1,1-Dichloropropene

Concen: 53.658 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

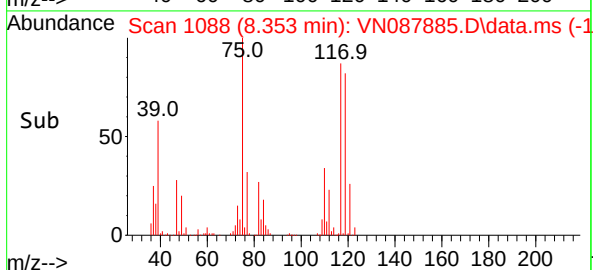
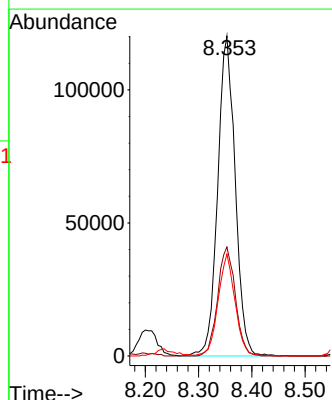
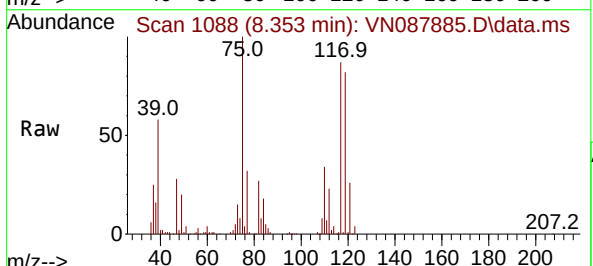
Tgt Ion: 75 Resp: 274170

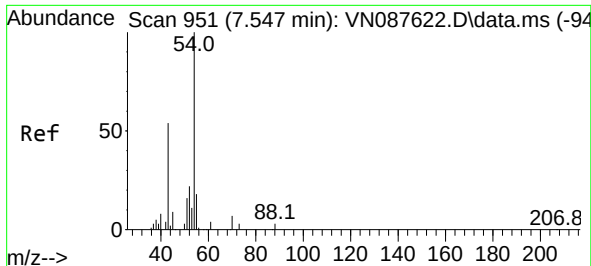
Ion Ratio Lower Upper

75 100

110 34.6 15.9 47.6

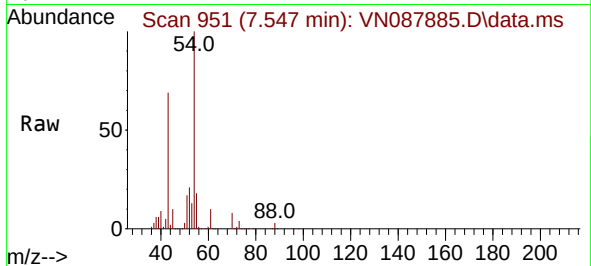
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 51.855 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

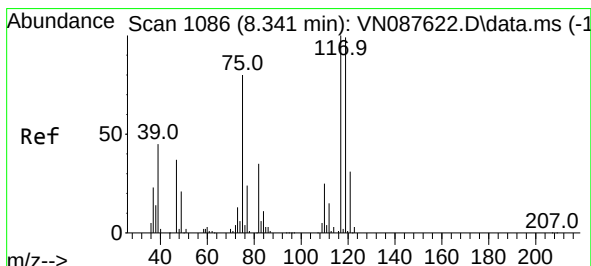
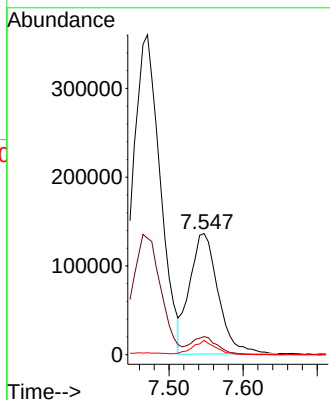
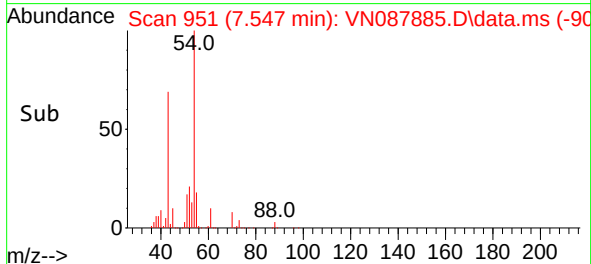
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36206
Ion Ratio Lower Upper
43 100
61 13.9 9.3 13.9
70 9.6 7.0 10.6

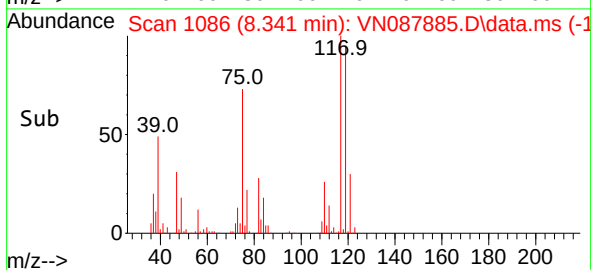
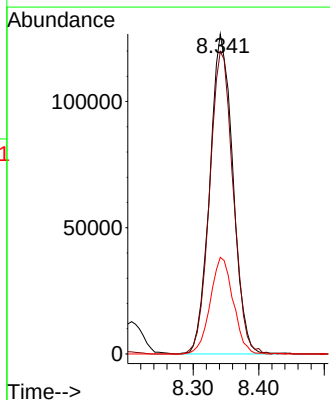
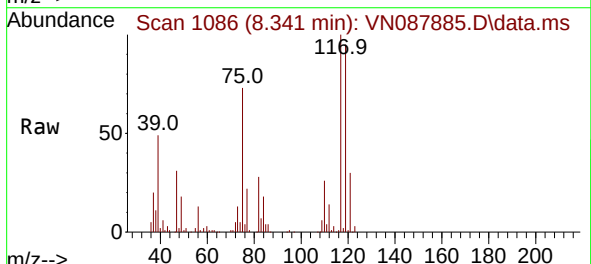
Manual Integrations
APPROVED

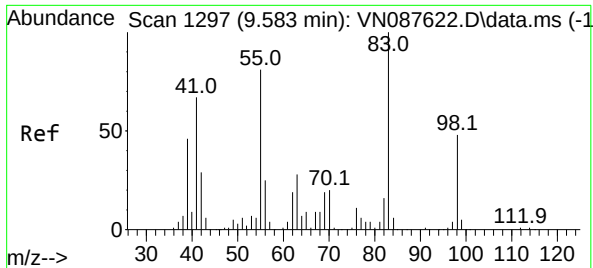
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#38
Carbon Tetrachloride
Concen: 61.438 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Tgt Ion:117 Resp: 309946
Ion Ratio Lower Upper
117 100
119 94.6 79.0 118.6
121 30.2 25.0 37.6





#39

Methylcyclohexane

Concen: 57.858 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

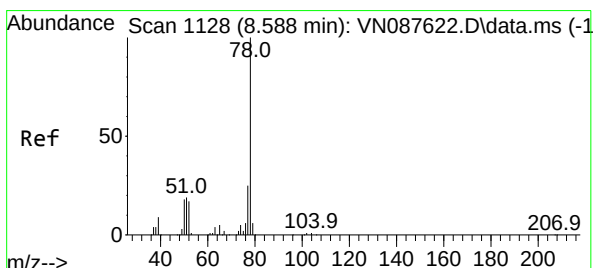
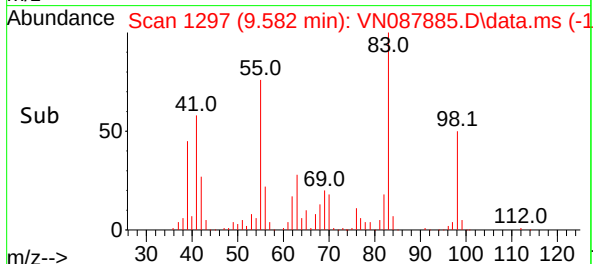
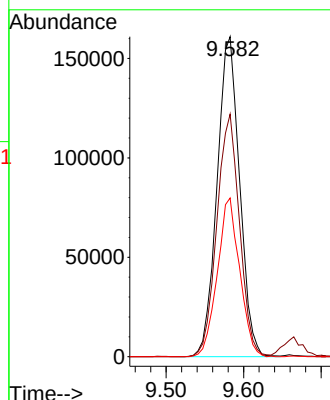
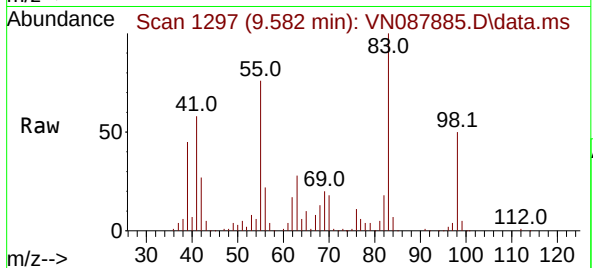
Tgt Ion: 83 Resp: 325470
 Ion Ratio Lower Upper
 83 100
 55 75.8 64.6 96.8
 98 49.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#40

Benzene

Concen: 55.472 ug/l

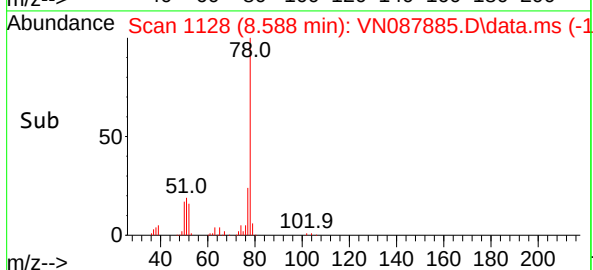
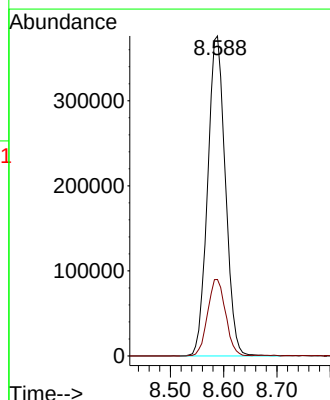
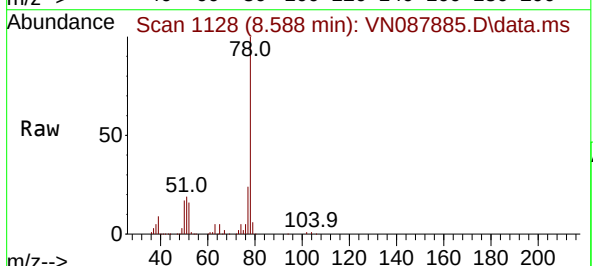
RT: 8.588 min Scan# 1128

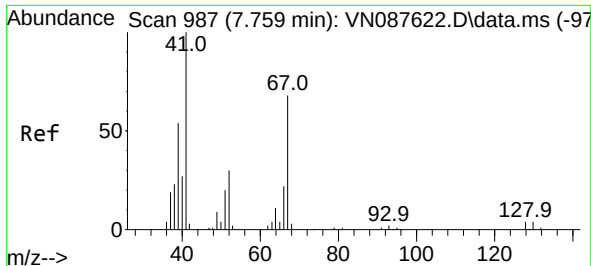
Delta R.T. -0.000 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

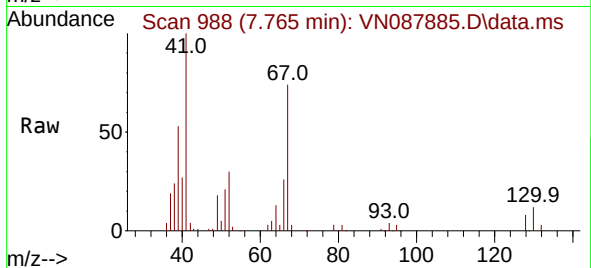
Tgt Ion: 78 Resp: 869356
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.7 29.5





#41
Methacrylonitrile
Concen: 51.572 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

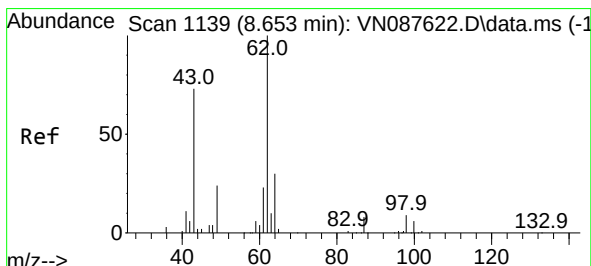
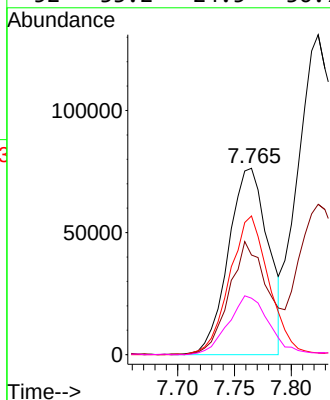
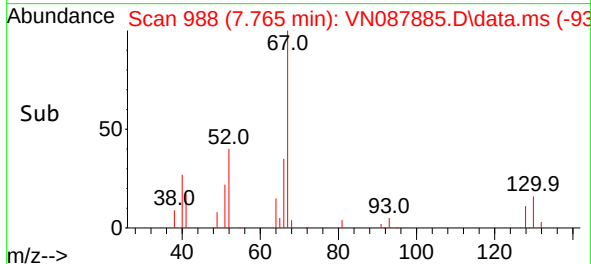
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 186529
Ion Ratio Lower Upper
41 100
39 61.1 45.4 68.0
67 74.2 55.3 82.9
52 33.2 24.5 36.7

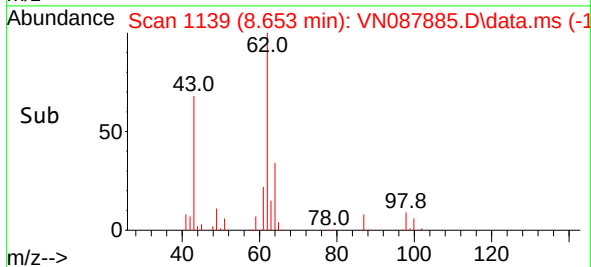
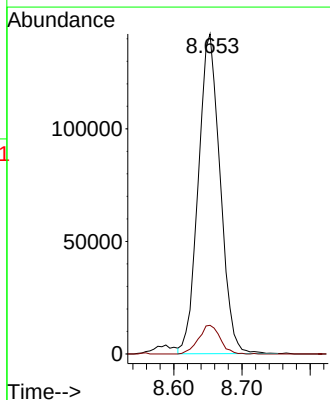
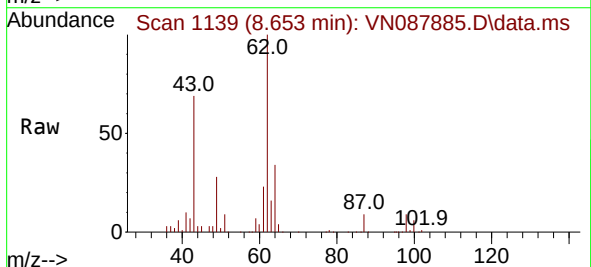
Manual Integrations
APPROVED

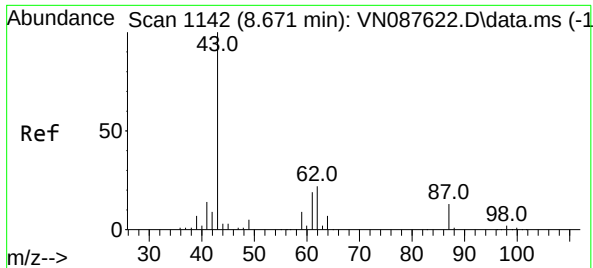
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#42
1,2-Dichloroethane
Concen: 52.530 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Tgt Ion: 62 Resp: 316355
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.4





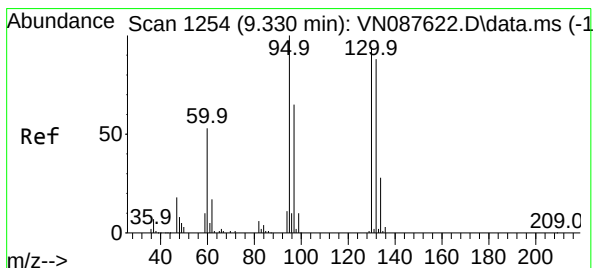
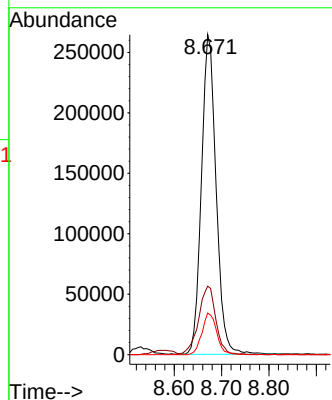
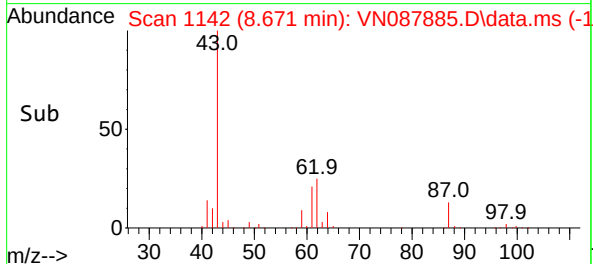
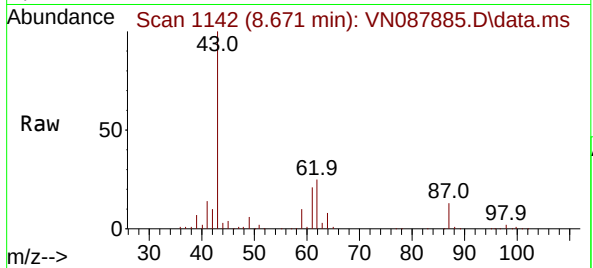
#43
Isopropyl Acetate
Concen: 52.276 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 569864
Ion Ratio Lower Upper
43 100
61 25.1 18.8 28.2
87 13.1 9.6 14.4

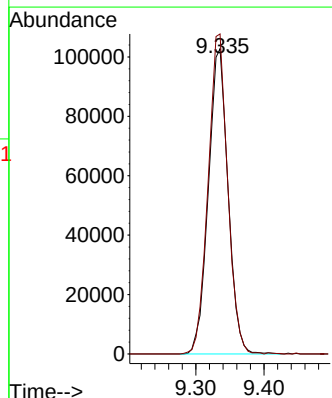
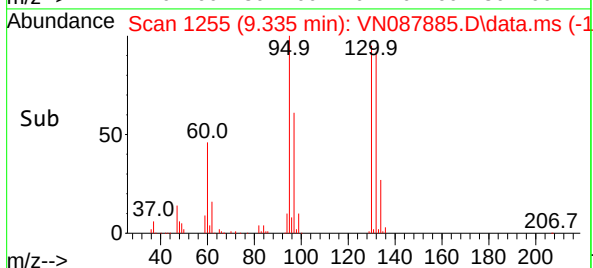
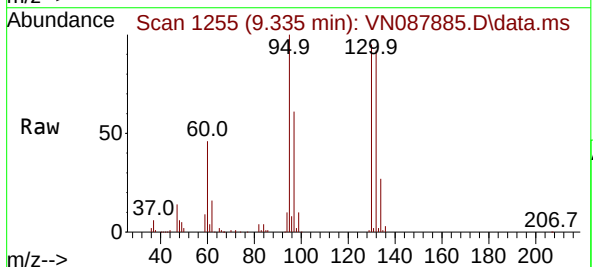
Manual Integrations
APPROVED

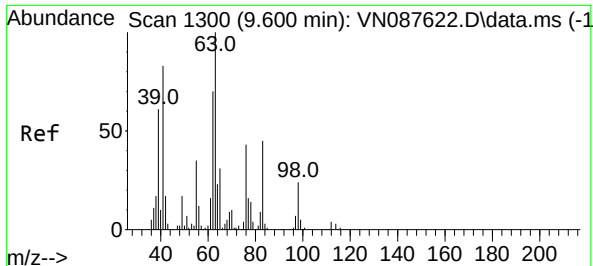
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#44
Trichloroethene
Concen: 57.732 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Tgt Ion:130 Resp: 206567
Ion Ratio Lower Upper
130 100
95 104.8 0.0 212.0





#45

1,2-Dichloropropane

Concen: 53.395 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 220574

Ion Ratio Lower Upper

63 100

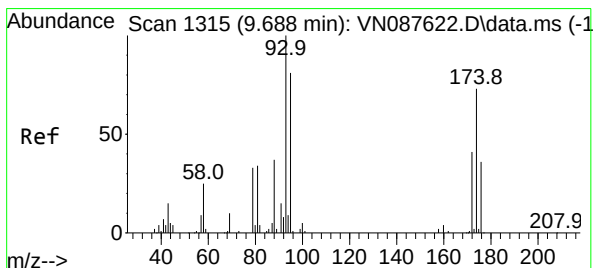
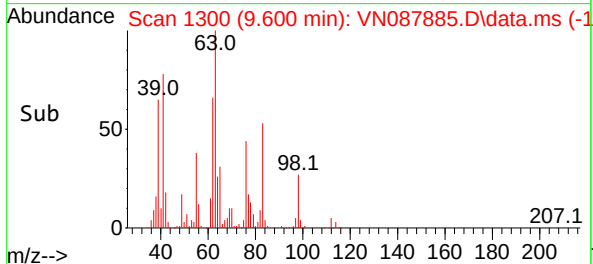
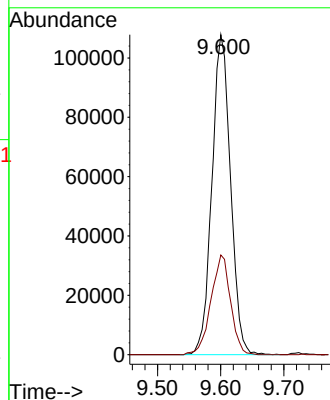
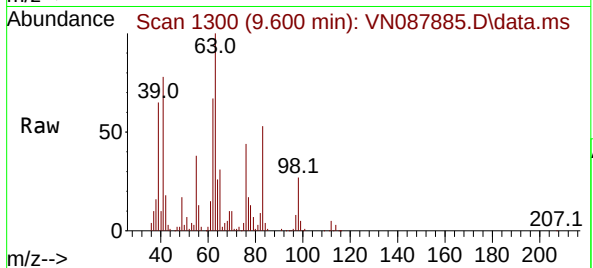
65 31.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#46

Dibromomethane

Concen: 57.707 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

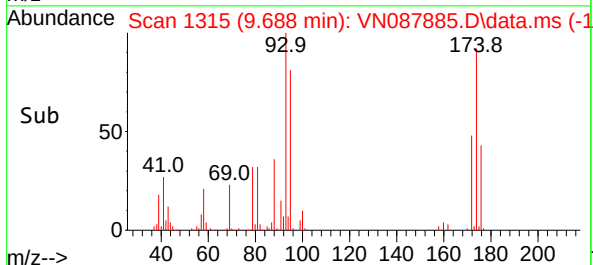
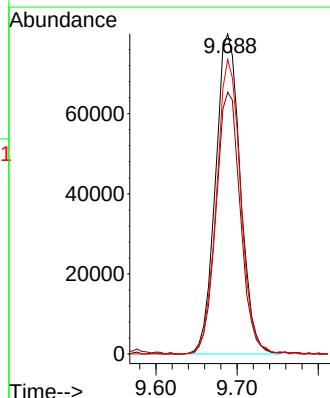
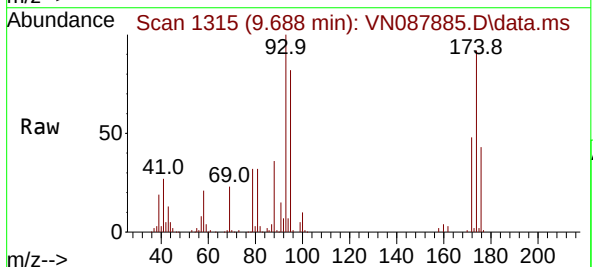
Tgt Ion: 93 Resp: 169639

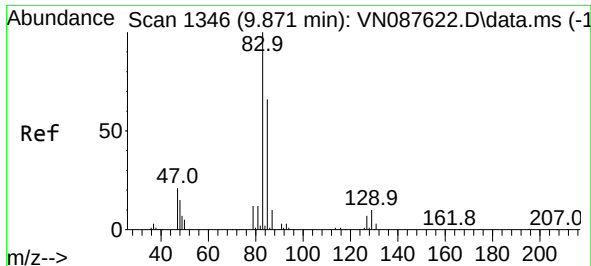
Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.4

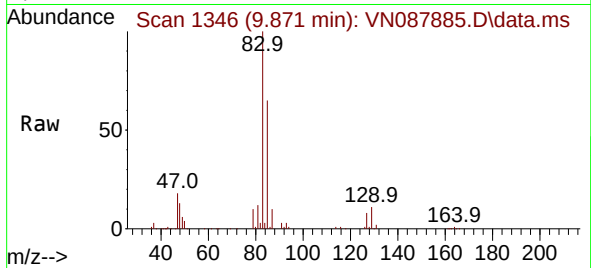
174 89.9 63.4 95.2





#47
Bromodichloromethane
Concen: 56.872 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

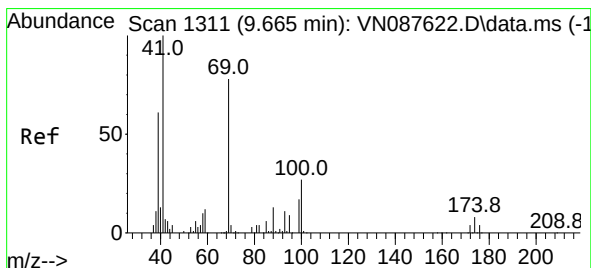
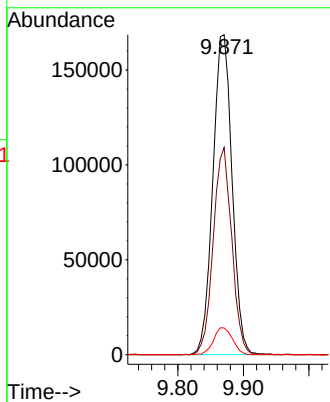
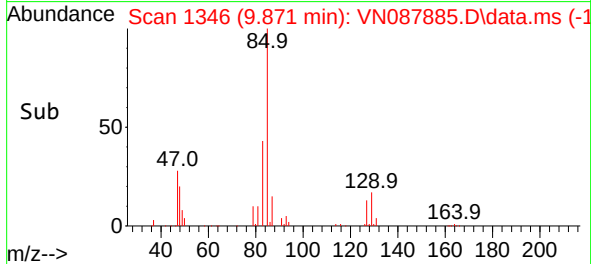
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 342630
Ion Ratio Lower Upper
83 100
85 64.7 52.5 78.7
127 8.3 5.8 8.6

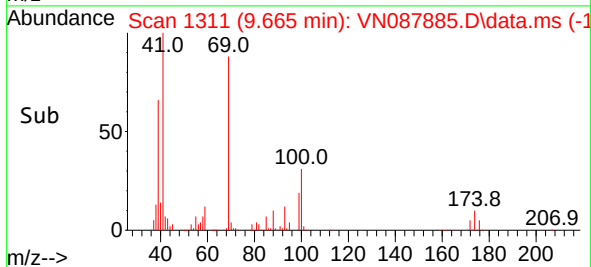
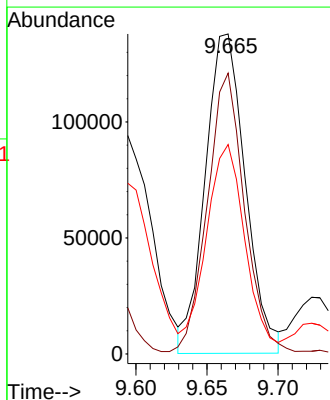
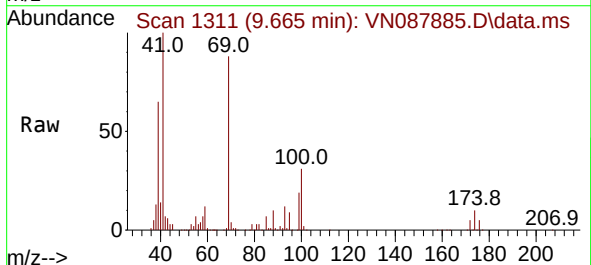
Manual Integrations
APPROVED

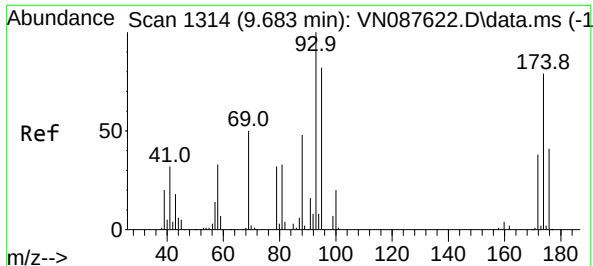
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#48
Methyl methacrylate
Concen: 52.427 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Tgt Ion: 41 Resp: 270324
Ion Ratio Lower Upper
41 100
69 80.4 62.7 94.1
39 64.2 52.9 79.3





#49

1,4-Dioxane

Concen: 1124.404 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 75140

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

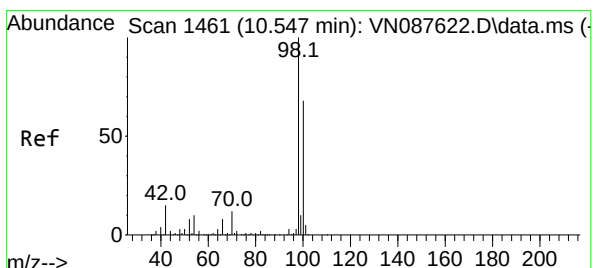
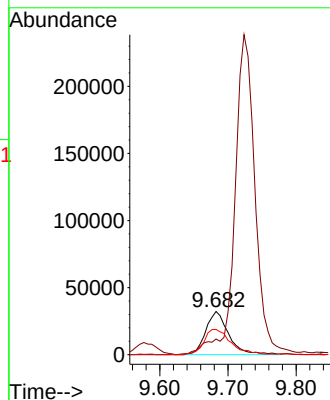
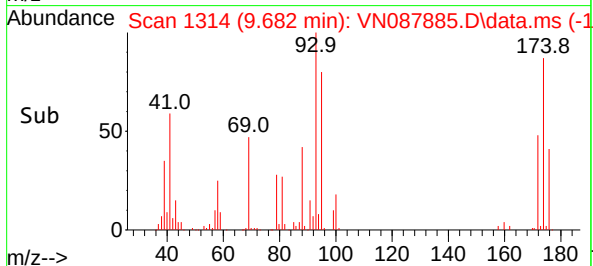
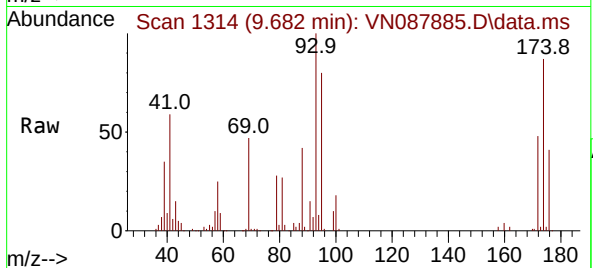
58 69.0 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#50

Toluene-d8

Concen: 48.294 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087885.D

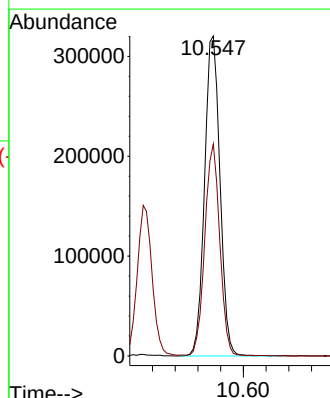
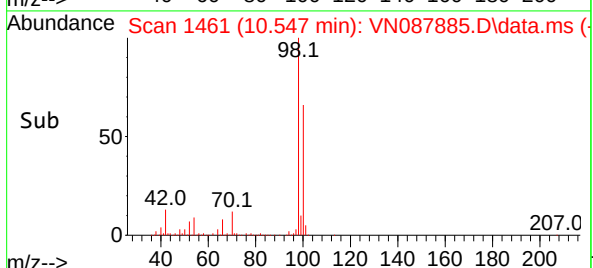
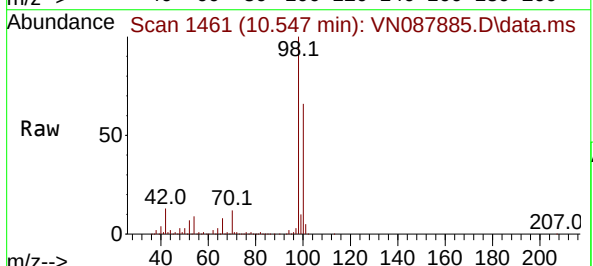
Acq: 18 Sep 2025 10:25

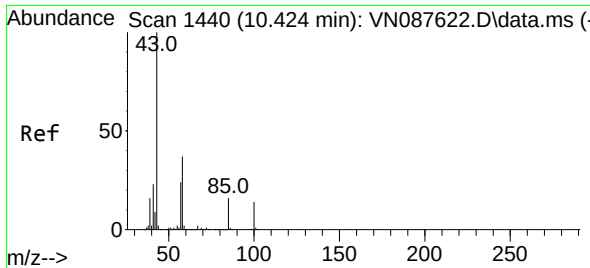
Tgt Ion: 98 Resp: 602029

Ion Ratio Lower Upper

98 100

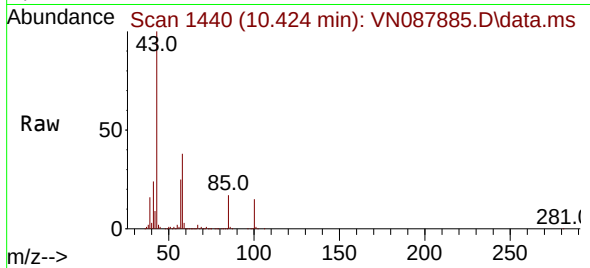
100 64.4 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 270.148 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

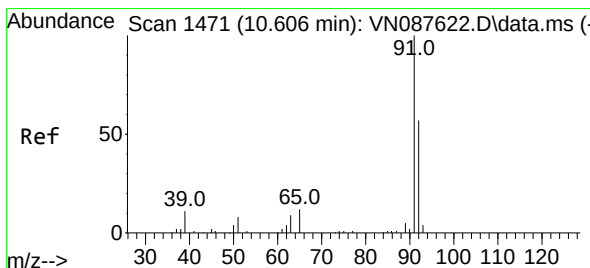
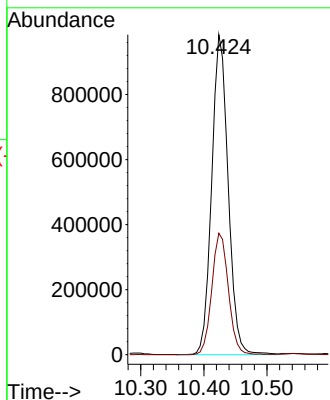
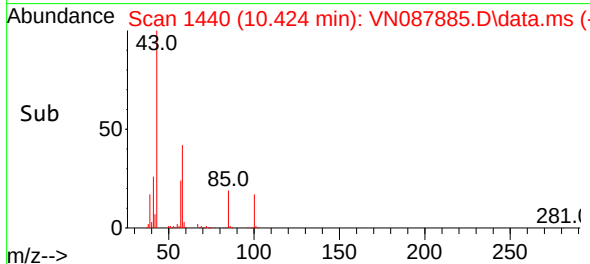
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1776769
Ion Ratio Lower Upper
43 100
58 38.3 29.6 44.4

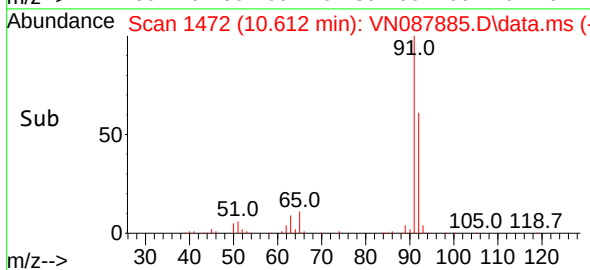
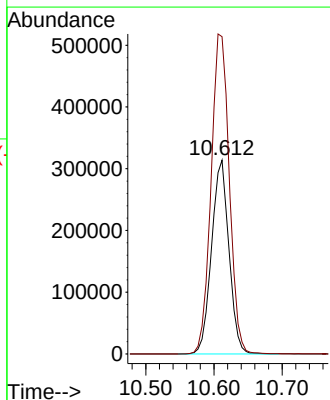
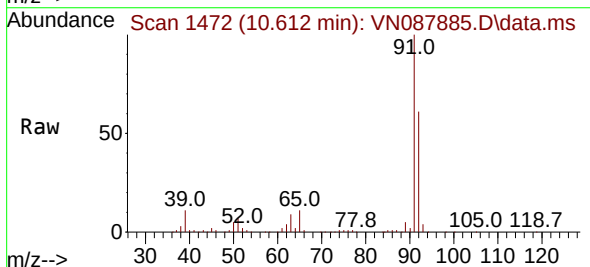
Manual Integrations
APPROVED

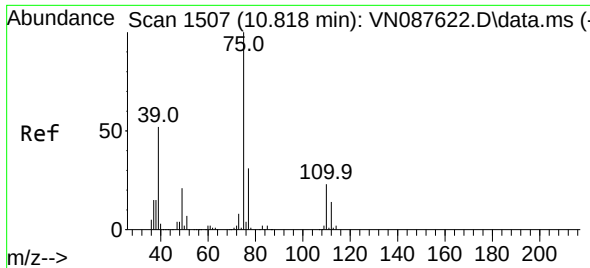
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#52
Toluene
Concen: 57.324 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

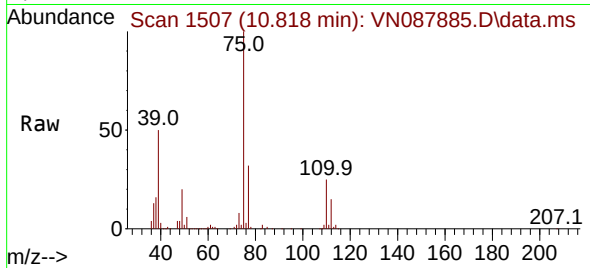
Tgt Ion: 92 Resp: 556938
Ion Ratio Lower Upper
92 100
91 173.4 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 57.273 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

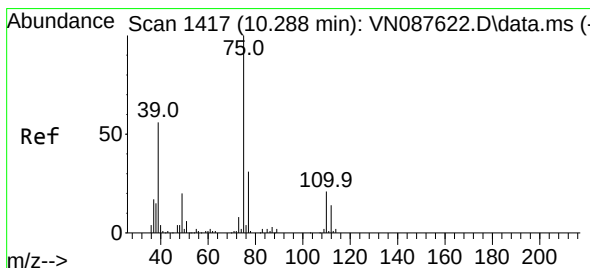
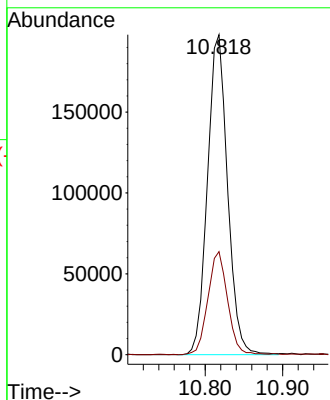
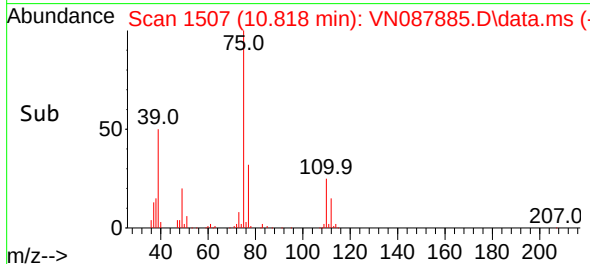
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



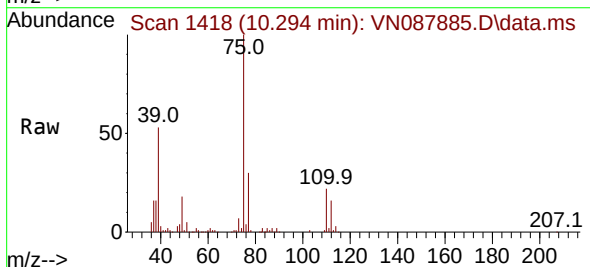
Tgt Ion: 75 Resp: 357164
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8

Manual Integrations
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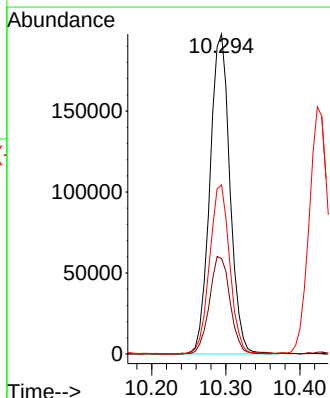
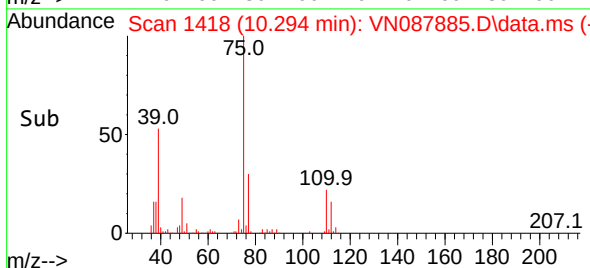
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

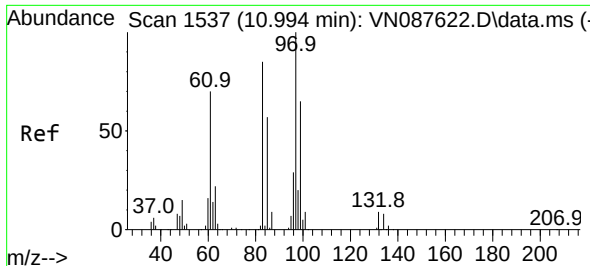


#54
cis-1,3-Dichloropropene
Concen: 57.237 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



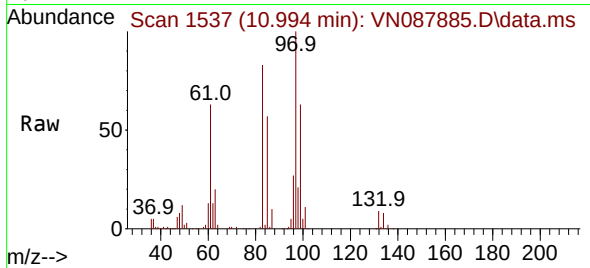
Tgt Ion: 75 Resp: 370619
Ion Ratio Lower Upper
75 100
77 29.8 24.6 37.0
39 52.8 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 57.394 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

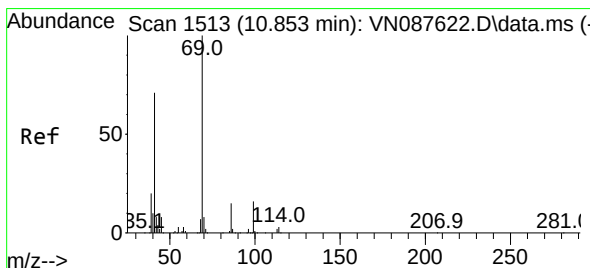
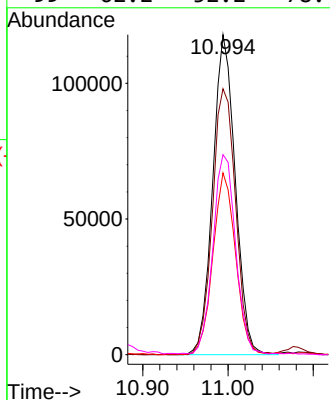
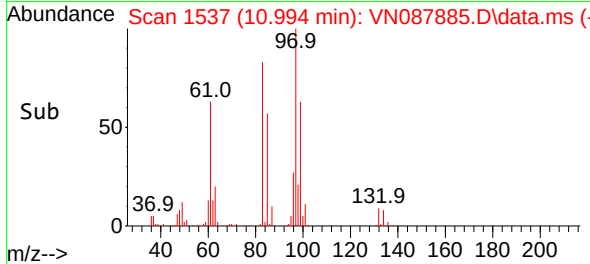
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



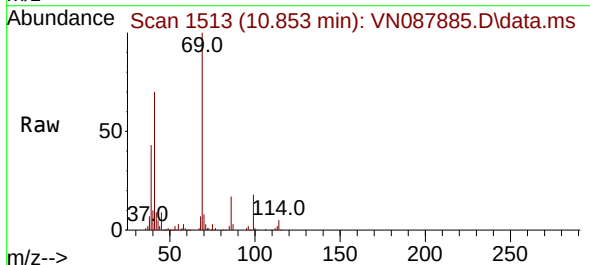
Tgt Ion:	97	Resp:	21571
Ion	Ratio	Lower	Upper
97	100		
83	83.1	68.2	102.4
85	56.6	45.5	68.3
99	62.2	52.2	78.4

Manual Integrations
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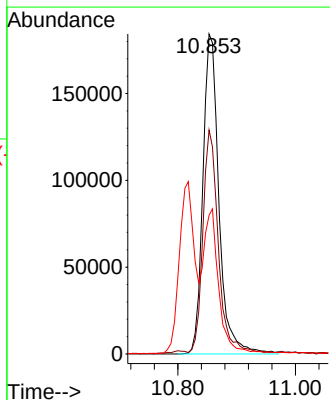
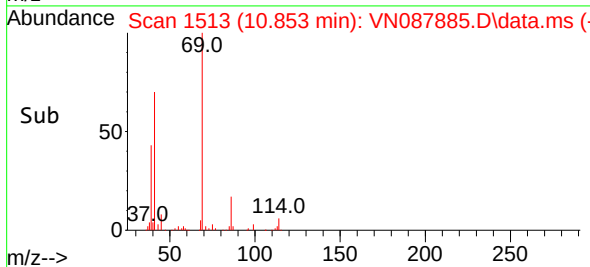
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

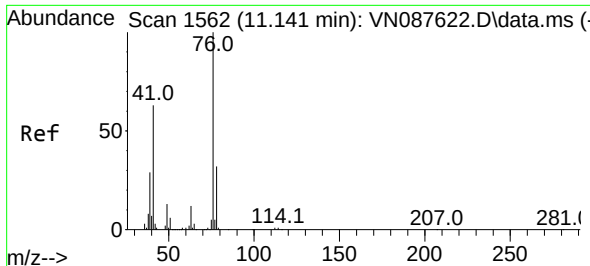


#56
Ethyl methacrylate
Concen: 58.011 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



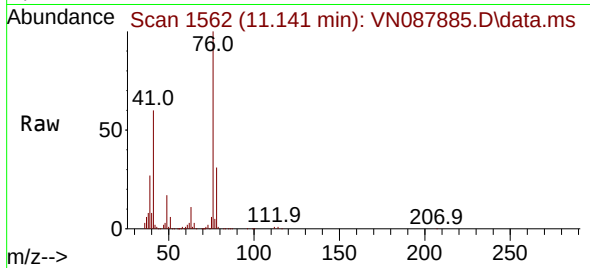
Tgt Ion:	69	Resp:	348444
Ion	Ratio	Lower	Upper
69	100		
41	66.3	56.5	84.7
39	42.5	34.2	51.4





#57
1,3-Dichloropropane
Concen: 55.936 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

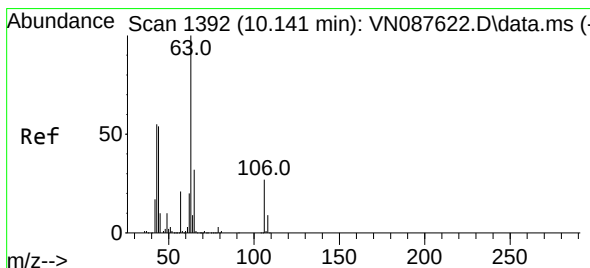
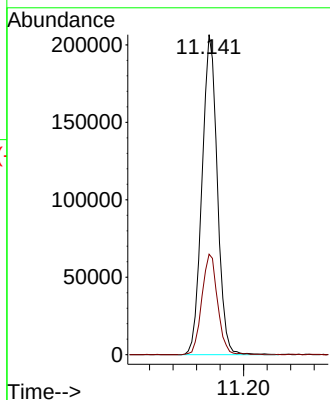
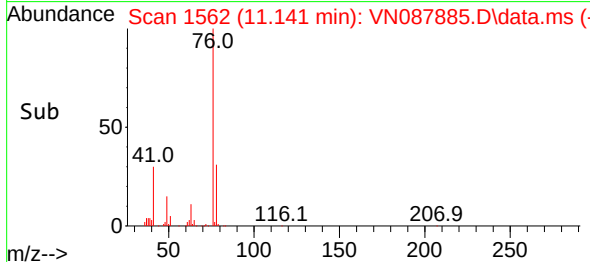
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



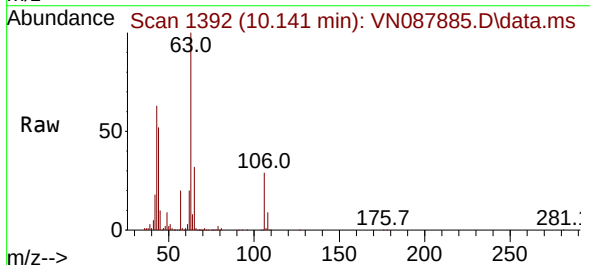
Tgt Ion: 76 Resp: 372069
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4

Manual Integrations
APPROVED

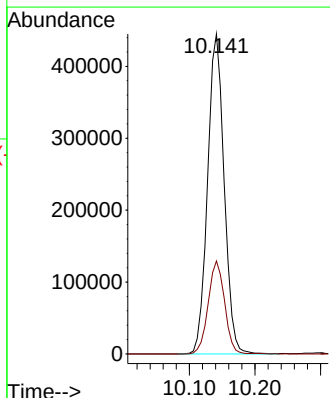
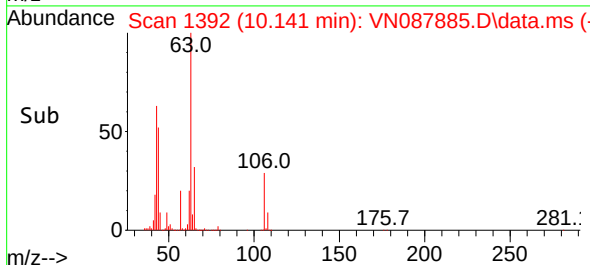
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

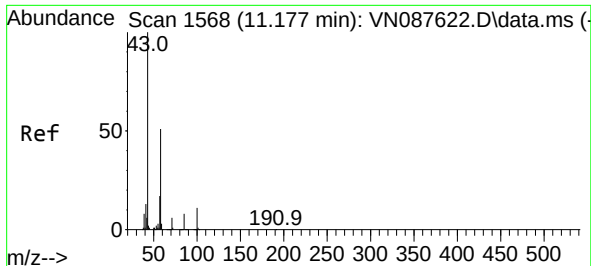


#58
2-Chloroethyl Vinyl ether
Concen: 240.238 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



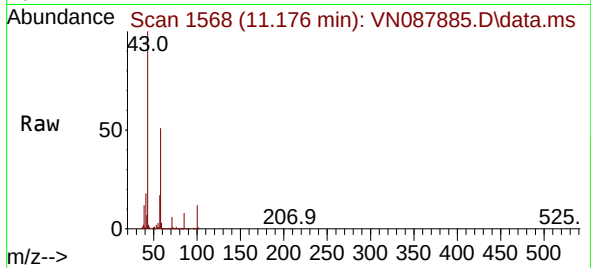
Tgt Ion: 63 Resp: 781024
Ion Ratio Lower Upper
63 100
106 28.8 21.1 31.7





#59
2-Hexanone
Concen: 299.518 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

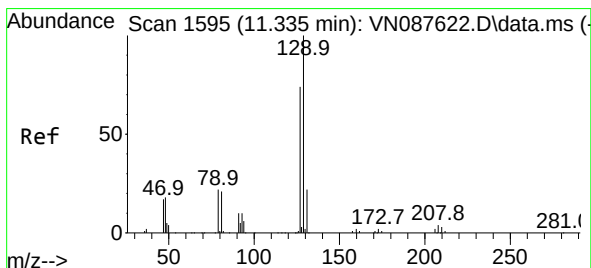
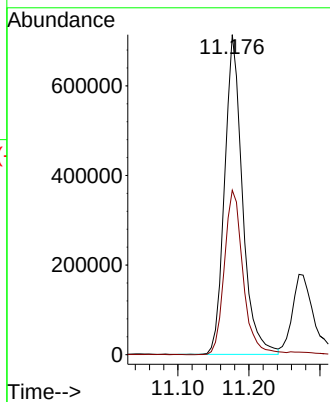
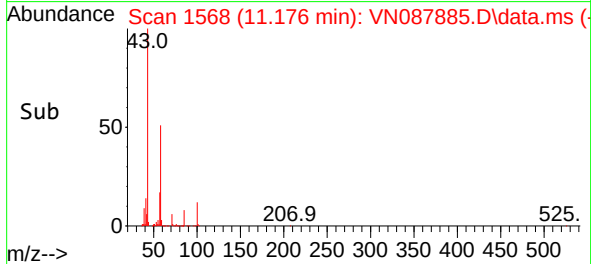
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



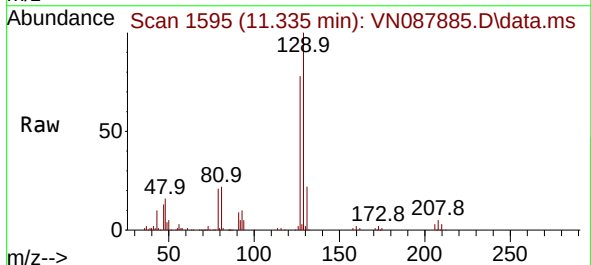
Tgt Ion: 43 Resp: 124499
Ion Ratio Lower Upper
43 100
58 53.8 25.9 77.8

Manual Integrations
APPROVED

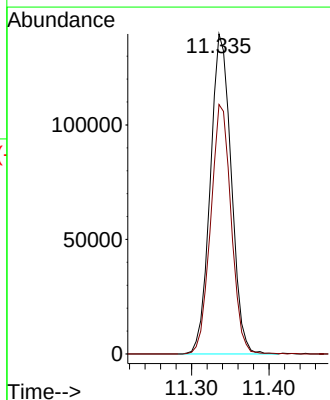
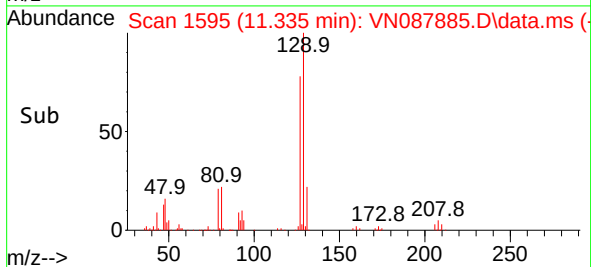
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

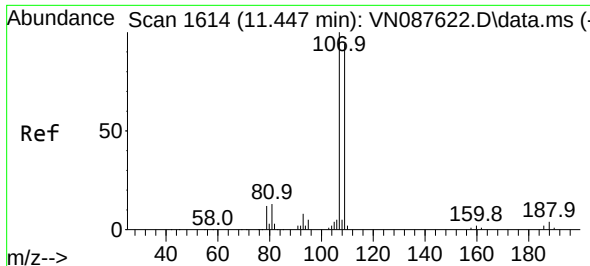


#60
Dibromochloromethane
Concen: 60.252 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



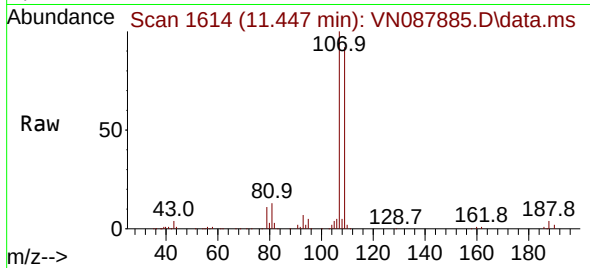
Tgt Ion:129 Resp: 262393
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.3





#61
1,2-Dibromoethane
Concen: 57.652 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

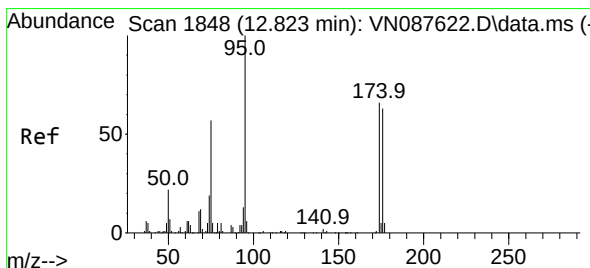
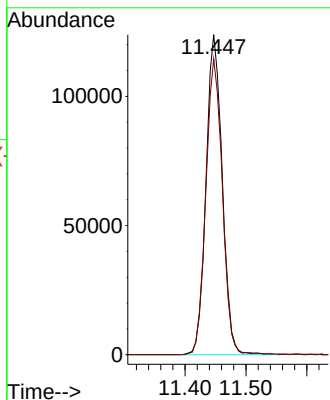
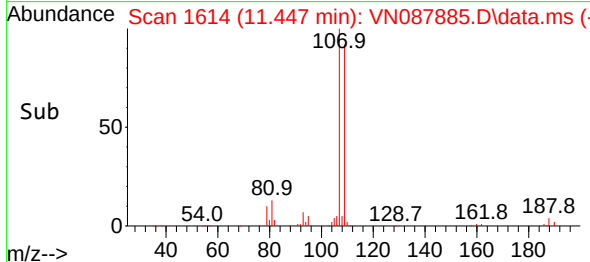
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



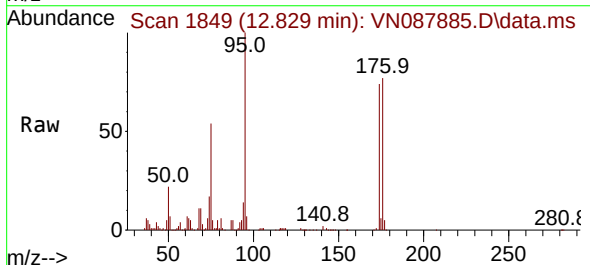
Tgt Ion:107 Resp: 228479
Ion Ratio Lower Upper
107 100
109 94.0 74.7 112.1

Manual Integrations
APPROVED

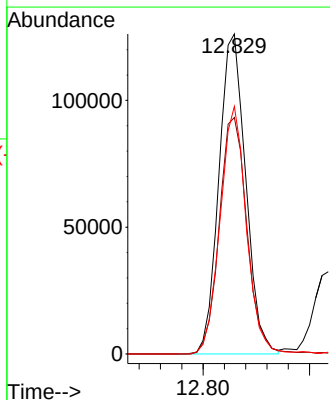
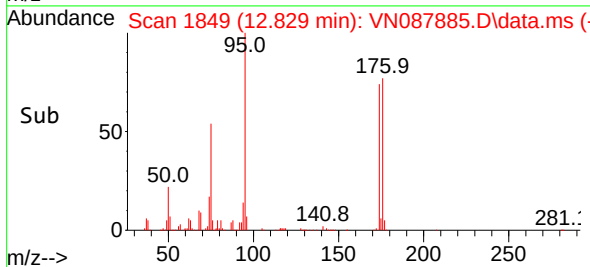
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

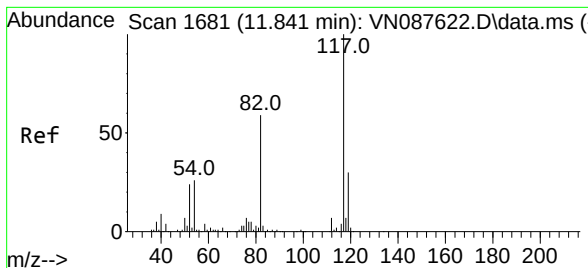


#62
4-Bromofluorobenzene
Concen: 49.682 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



Tgt Ion: 95 Resp: 220256
Ion Ratio Lower Upper
95 100
174 76.7 0.0 138.4
176 75.6 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 42819

Ion Ratio Lower Upper

117 100

82 55.2 47.4 71.2

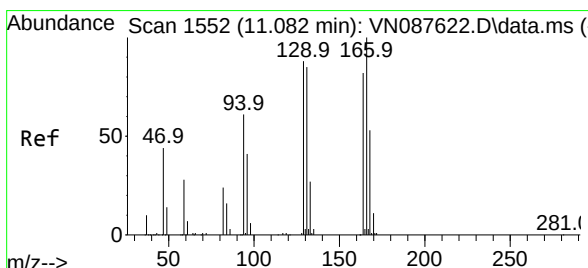
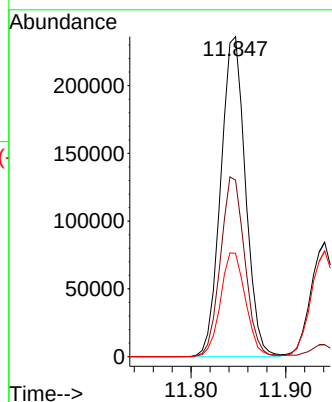
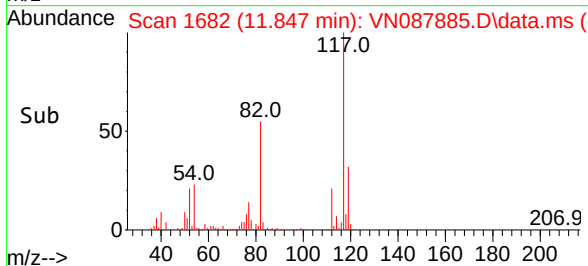
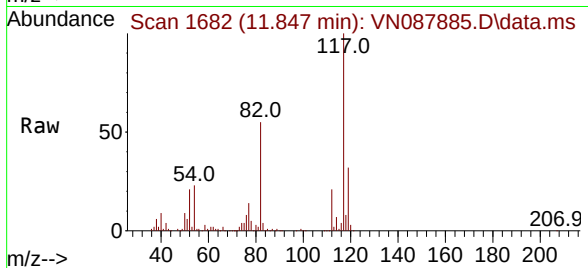
119 32.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#64

Tetrachloroethene

Concen: 58.219 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087885.D

Acq: 18 Sep 2025 10:25

Tgt Ion:164 Resp: 172956

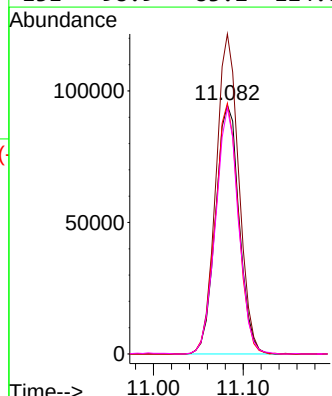
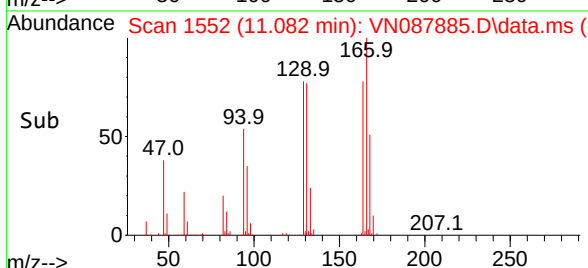
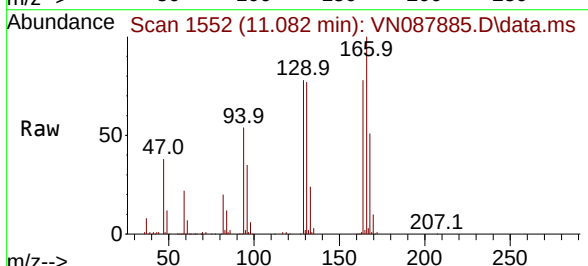
Ion Ratio Lower Upper

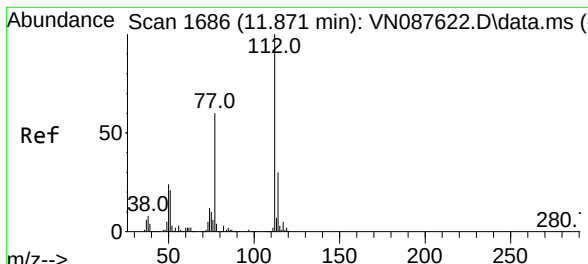
164 100

166 128.6 97.7 146.5

129 100.8 85.9 128.9

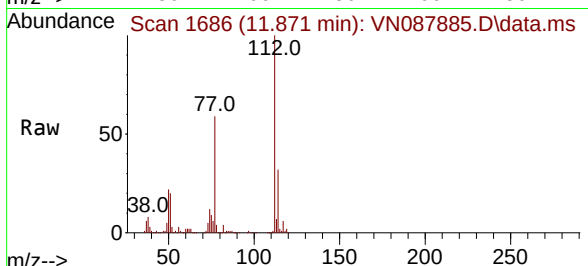
131 98.9 83.2 124.8





#65
Chlorobenzene
Concen: 57.427 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

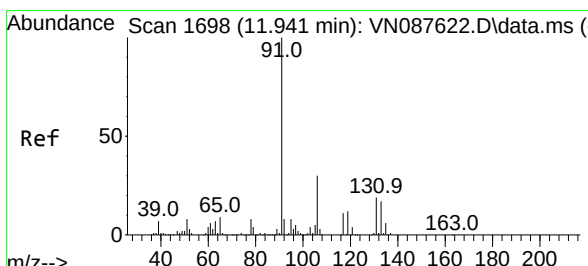
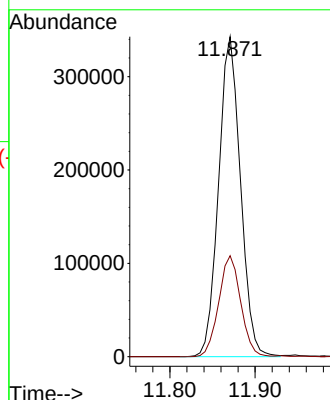
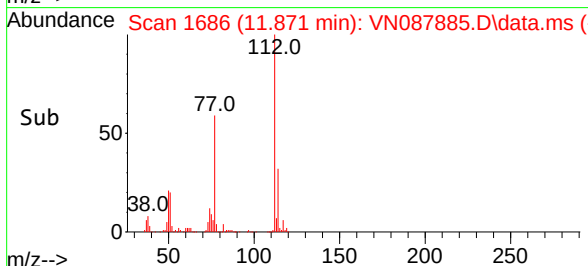
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



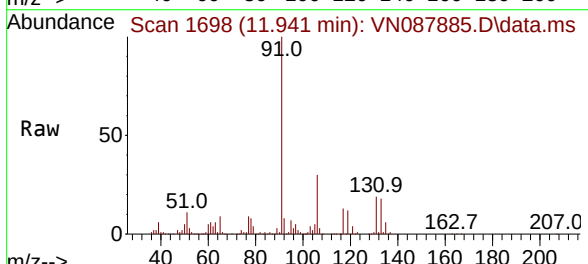
Tgt Ion:112 Resp: 611770
Ion Ratio Lower Upper
112 100
114 31.6 24.3 36.5

Manual Integrations
APPROVED

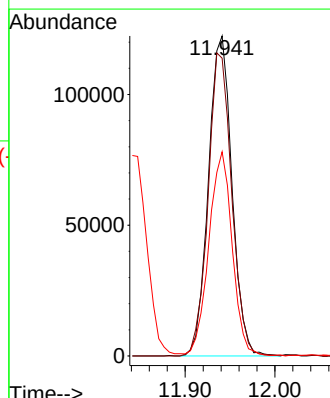
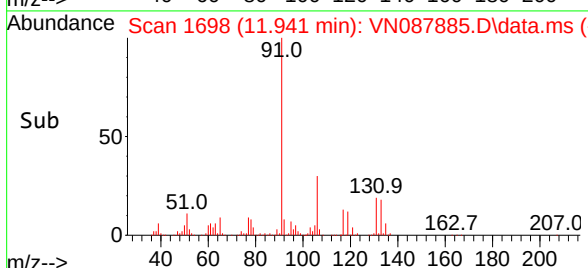
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

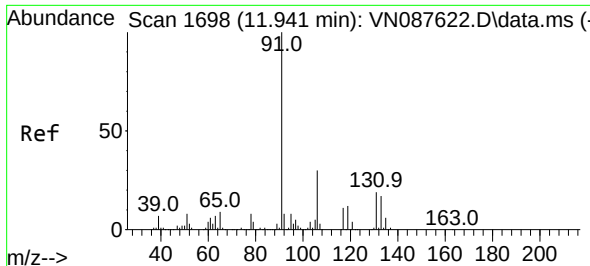


#66
1,1,1,2-Tetrachloroethane
Concen: 62.909 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



Tgt Ion:131 Resp: 222486
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 63.0 32.6 97.7





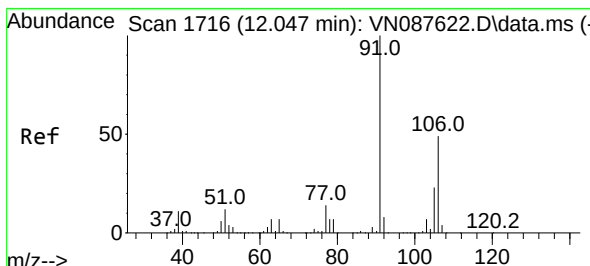
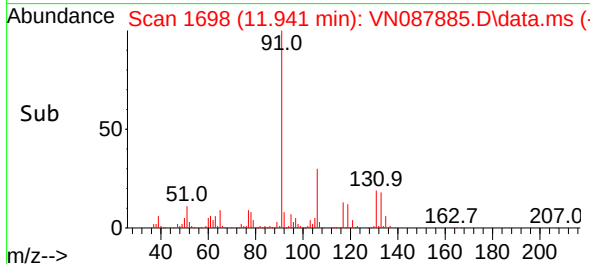
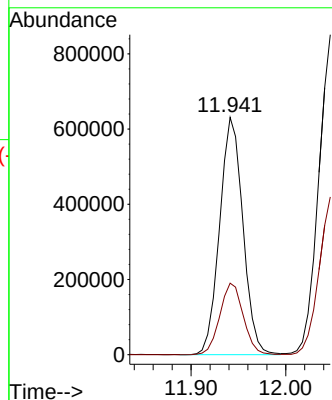
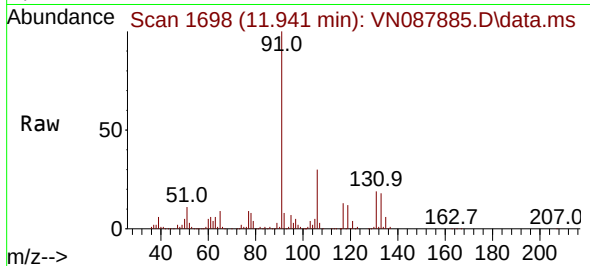
#67
Ethyl Benzene
Concen: 58.511 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1079219
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1

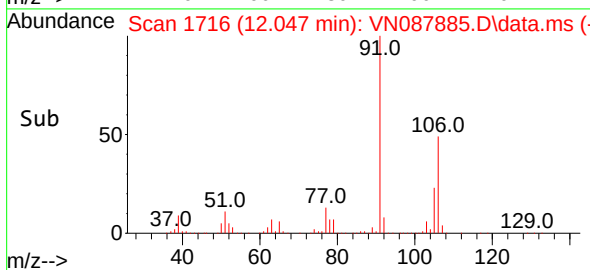
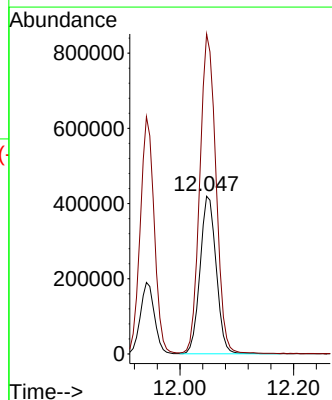
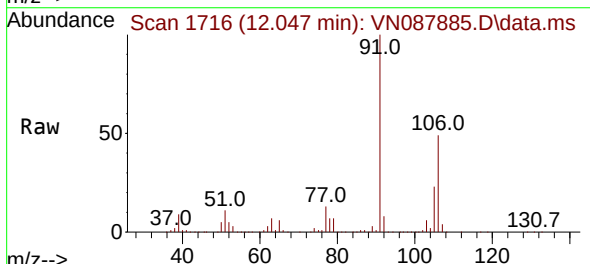
Manual Integrations
APPROVED

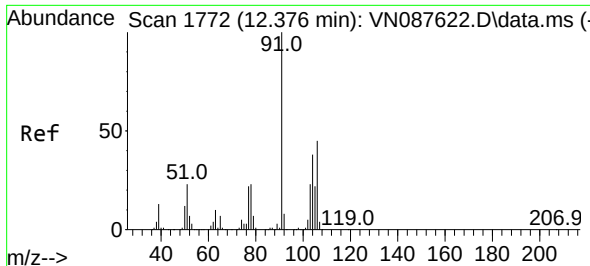
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#68
m/p-Xylenes
Concen: 122.087 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

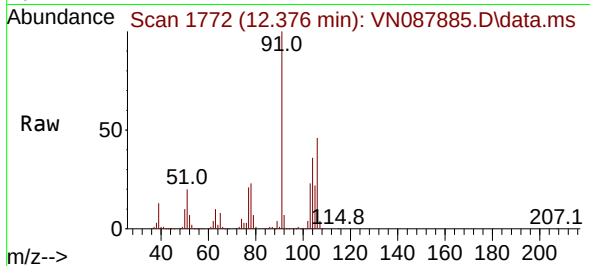
Tgt Ion:106 Resp: 825857
Ion Ratio Lower Upper
106 100
91 203.5 169.3 253.9





#69
o-Xylene
Concen: 59.244 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

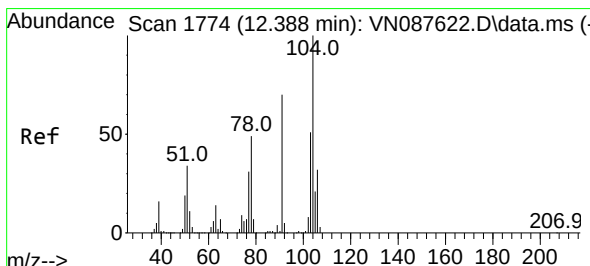
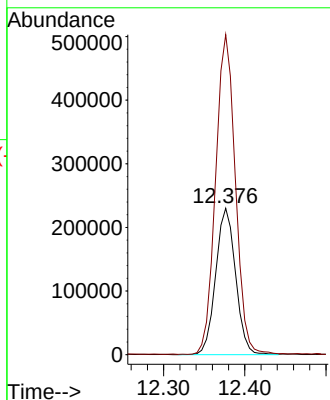
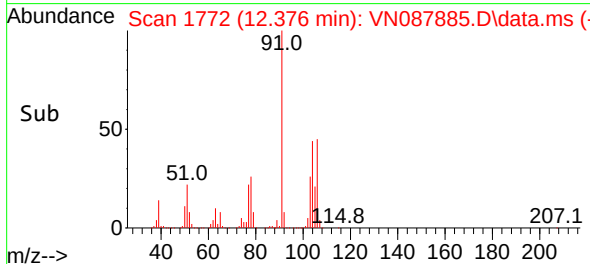
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 392730
Ion Ratio Lower Upper
106 100
91 216.9 111.4 334.2

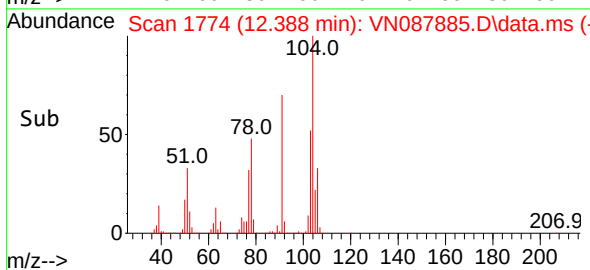
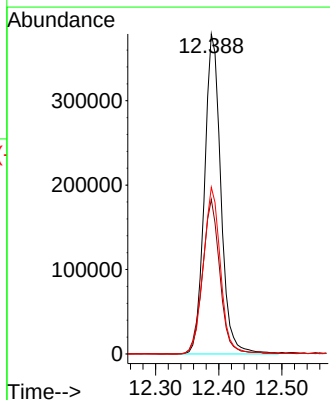
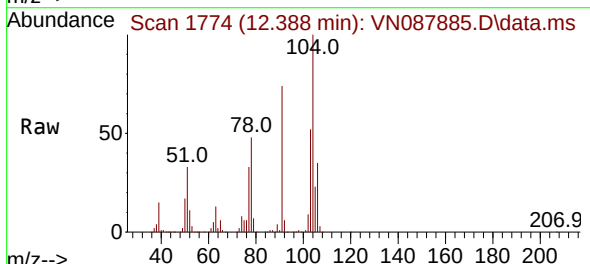
Manual Integrations
APPROVED

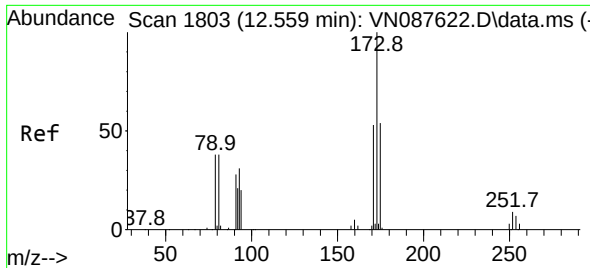
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#70
Styrene
Concen: 61.494 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

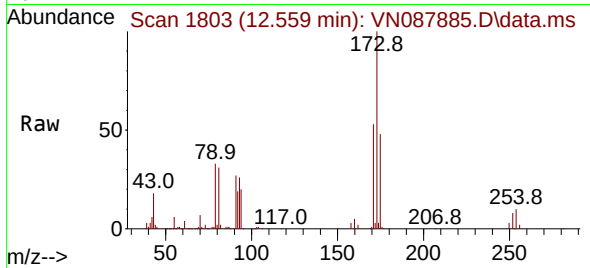
Tgt Ion:104 Resp: 682953
Ion Ratio Lower Upper
104 100
78 51.4 42.2 63.2
103 54.4 43.4 65.2





#71
Bromoform
Concen: 67.658 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

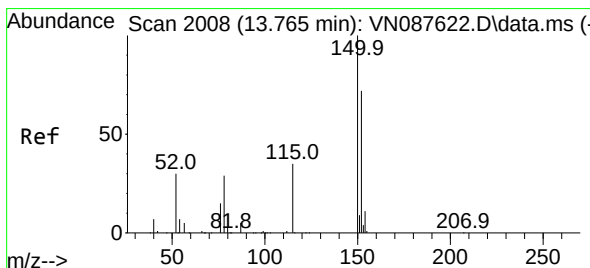
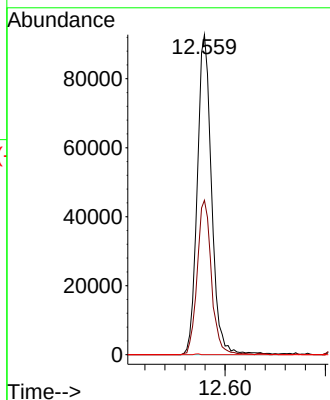
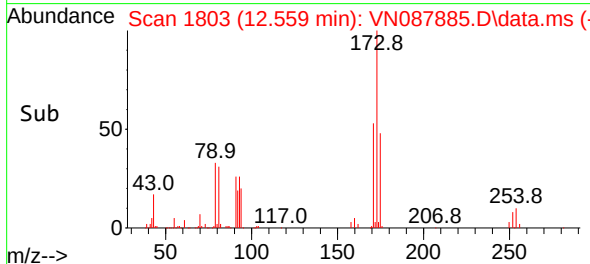
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



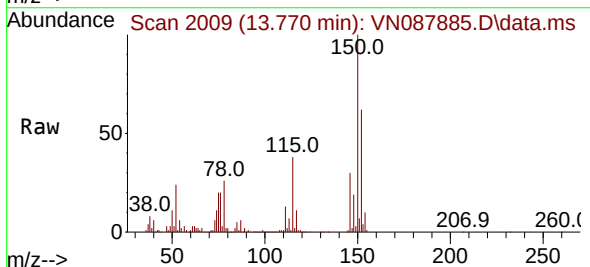
Tgt Ion:173 Resp: 18351
Ion Ratio Lower Upper
173 100
175 47.9 24.9 74.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

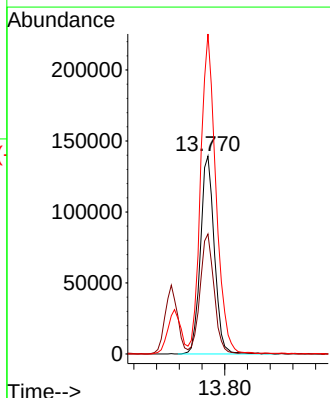
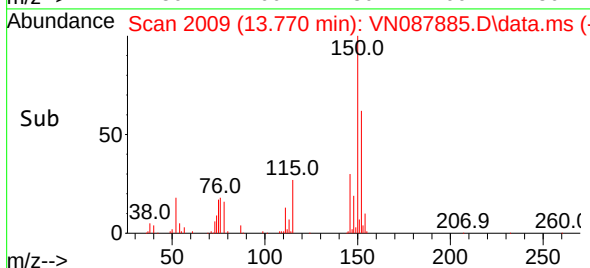
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

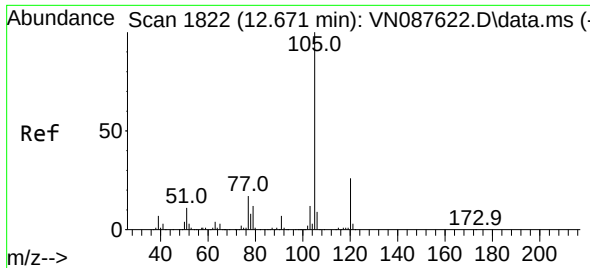


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



Tgt Ion:152 Resp: 237545
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 176.9 0.0 351.0





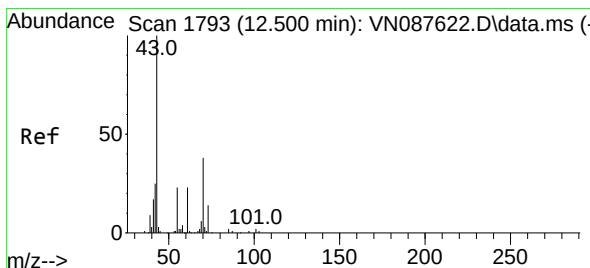
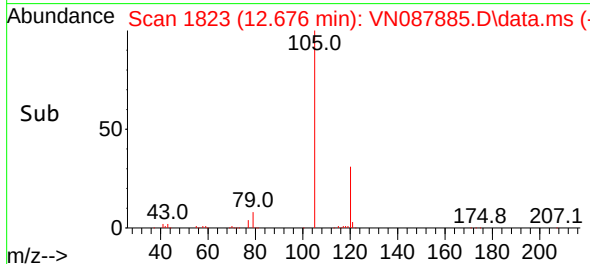
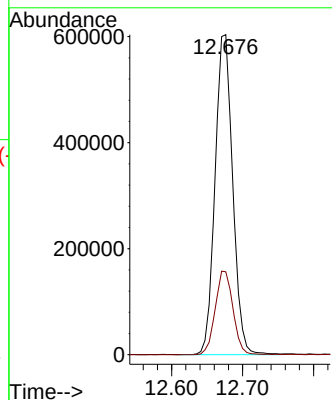
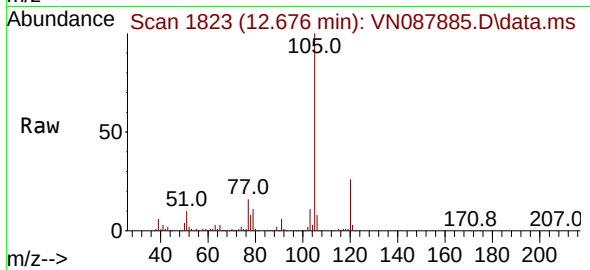
#73
Isopropylbenzene
Concen: 54.154 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 103950
Ion Ratio Lower Upper
105 100
120 26.3 12.8 38.3

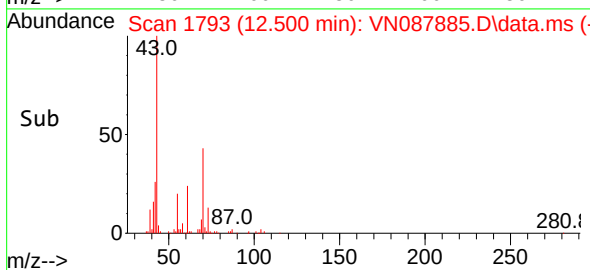
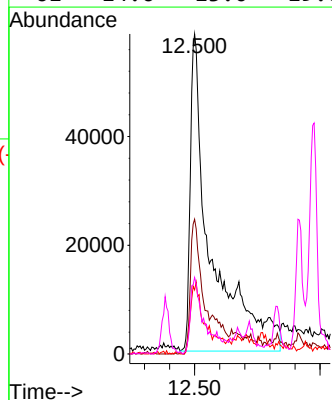
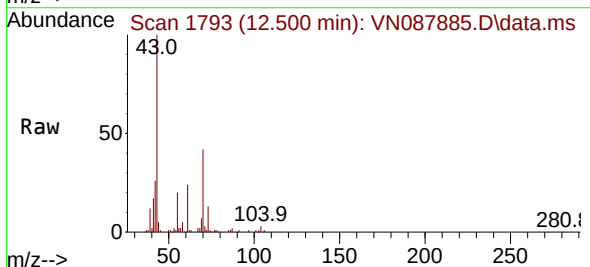
Manual Integrations
APPROVED

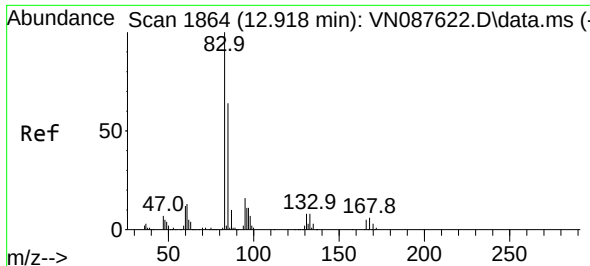
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#74
N-ethyl acetate
Concen: 45.822 ug/l m
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

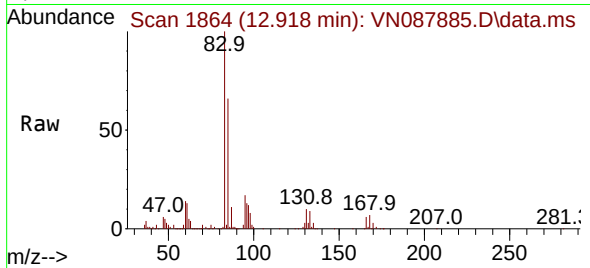
Tgt Ion: 43 Resp: 333323
Ion Ratio Lower Upper
43 100
70 23.6 27.6 41.4#
55 13.6 13.0 19.6
61 14.6 13.0 19.6





#75
1,1,2,2-Tetrachloroethane
Concen: 51.049 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

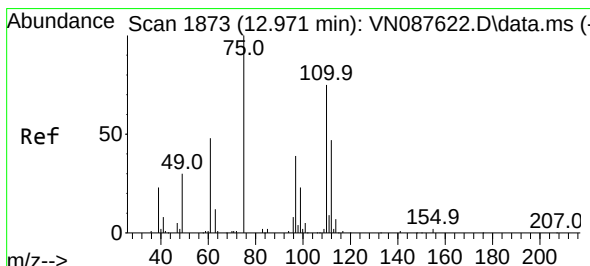
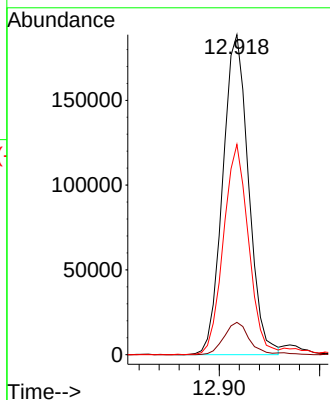
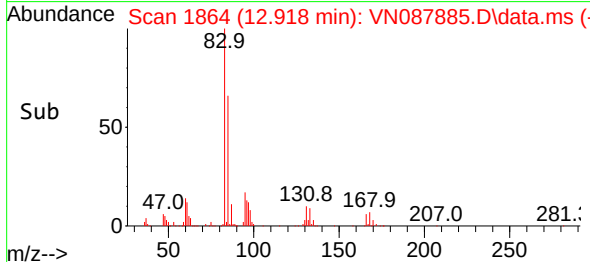
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



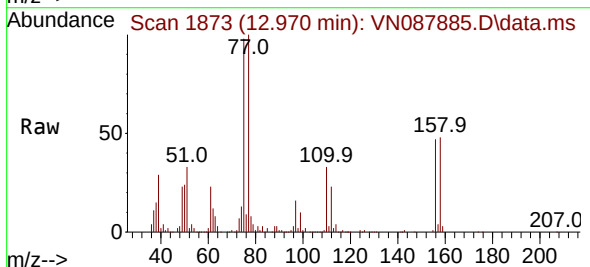
Tgt Ion: 83 Resp: 337362
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 63.9 32.1 96.3

Manual Integrations
APPROVED

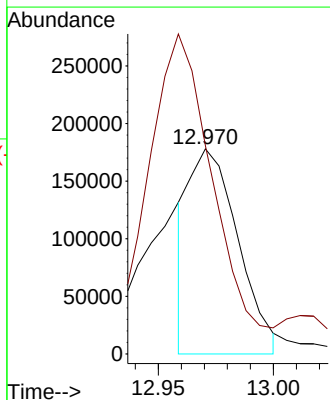
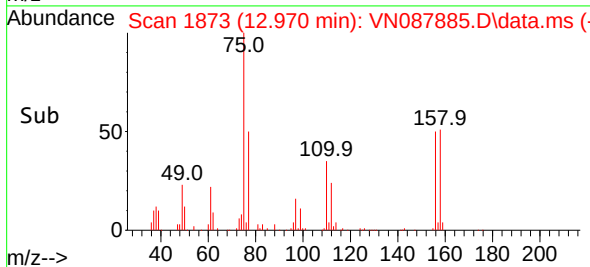
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

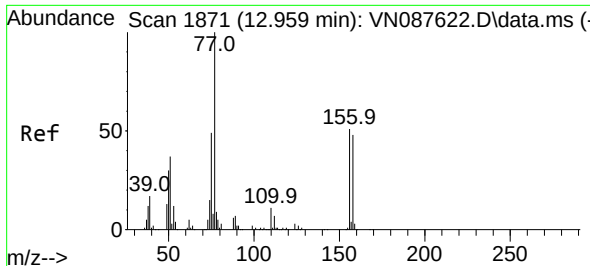


#76
1,2,3-Trichloropropane
Concen: 47.020 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



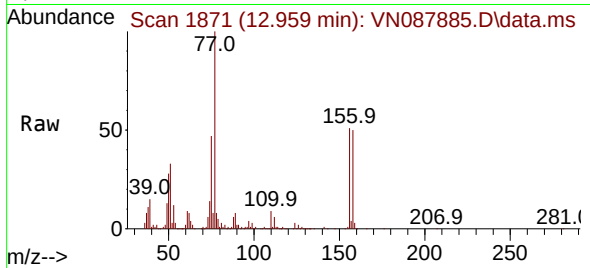
Tgt Ion: 75 Resp: 261927
Ion Ratio Lower Upper
75 100
77 212.0 89.1 267.4





#77
Bromobenzene
Concen: 56.047 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

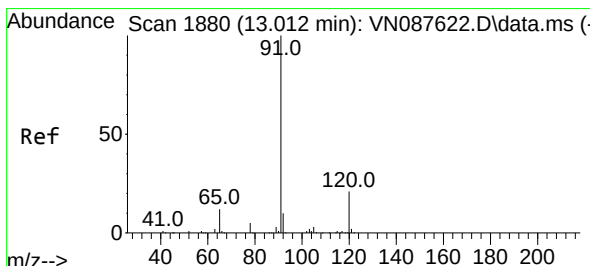
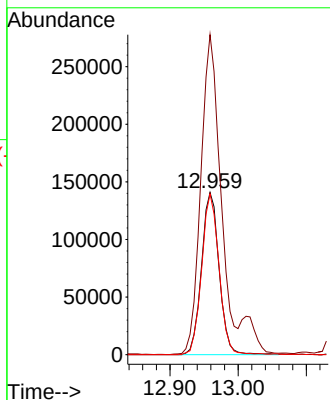
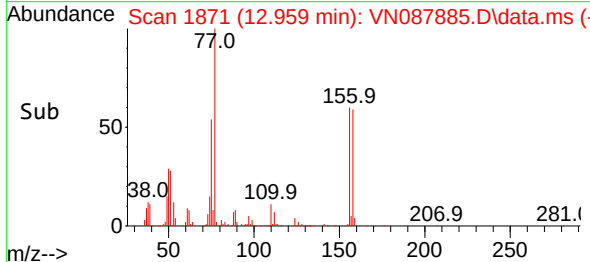
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



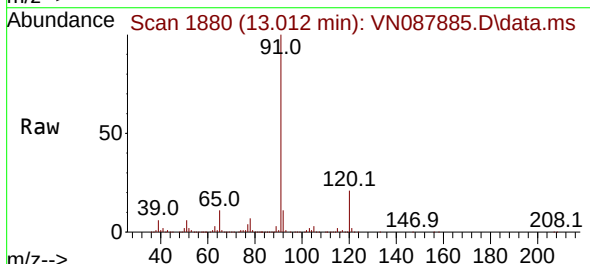
Tgt Ion:156 Resp: 25366
Ion Ratio Lower Upper
156 100
77 218.9 119.3 358.0
158 97.4 48.2 144.6

Manual Integrations
APPROVED

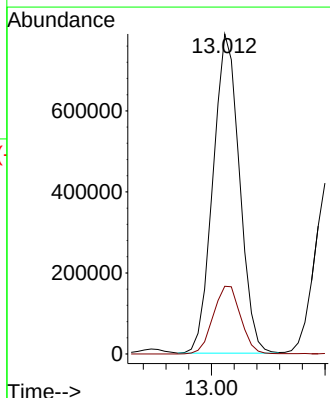
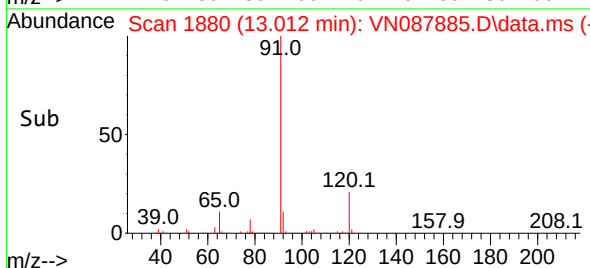
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

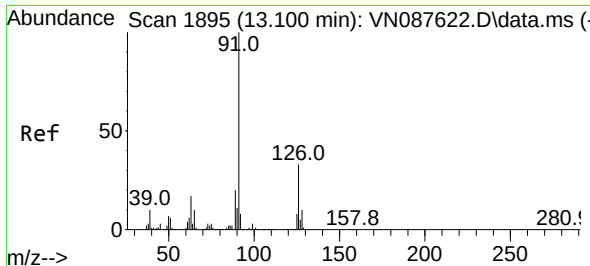


#78
n-propylbenzene
Concen: 53.922 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



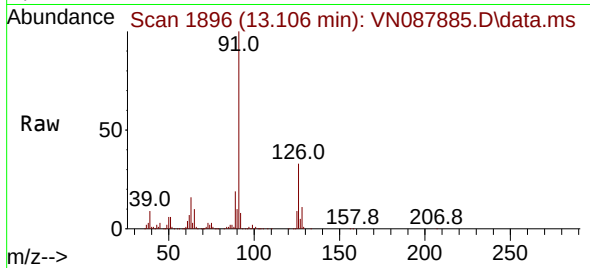
Tgt Ion: 91 Resp: 1274915
Ion Ratio Lower Upper
91 100
120 22.0 10.7 32.1





#79
2-Chlorotoluene
Concen: 52.329 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

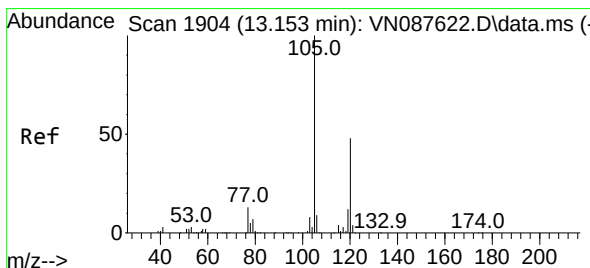
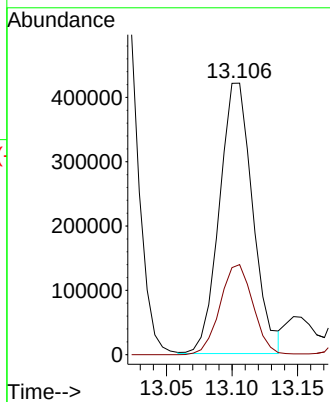
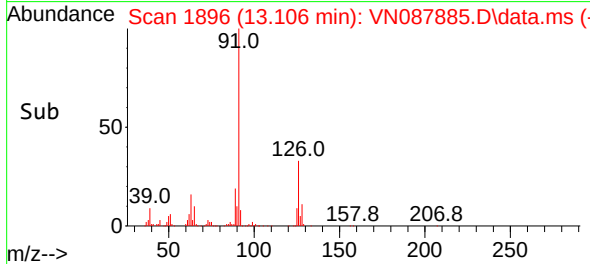
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



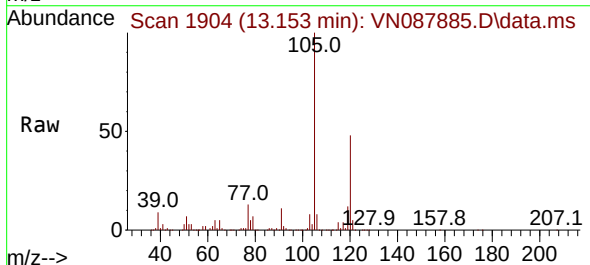
Tgt Ion: 91 Resp: 74456
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3

Manual Integrations
APPROVED

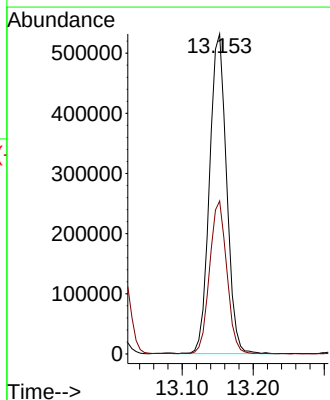
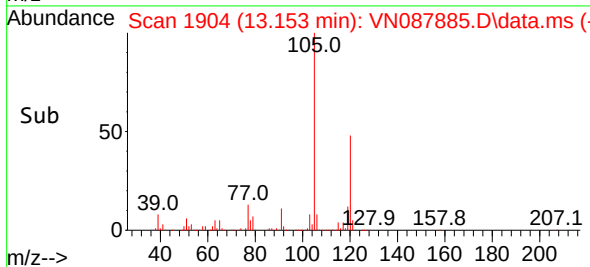
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

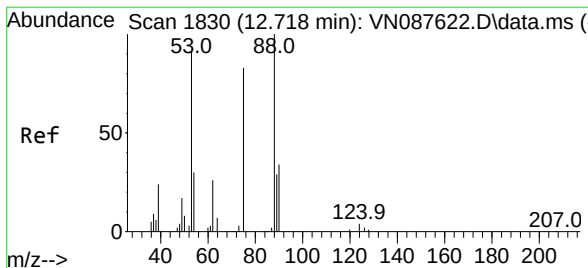


#80
1,3,5-Trimethylbenzene
Concen: 54.329 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



Tgt Ion:105 Resp: 884686
Ion Ratio Lower Upper
105 100
120 48.2 23.2 69.6





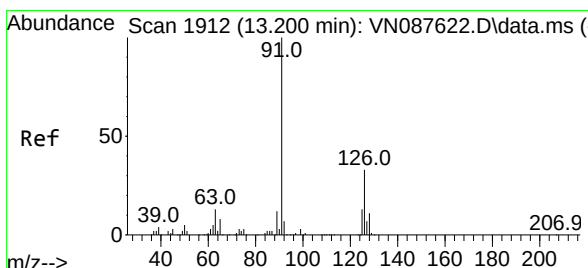
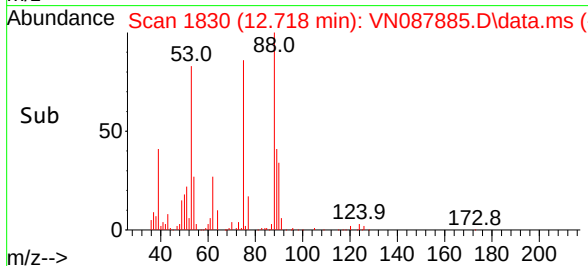
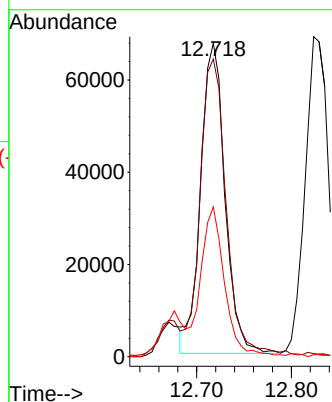
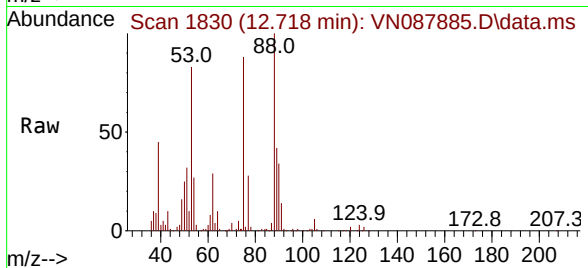
#81
trans-1,4-Dichloro-2-butene
Concen: 56.916 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 11976
Ion Ratio Lower Upper
75 100
53 102.1 101.8 152.6
89 46.7 35.6 53.4

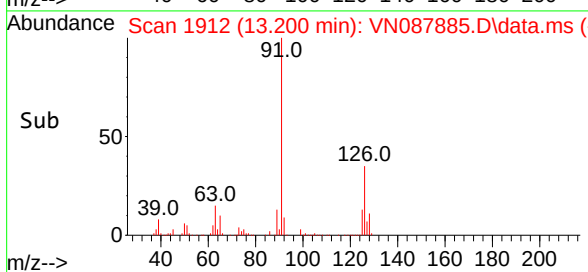
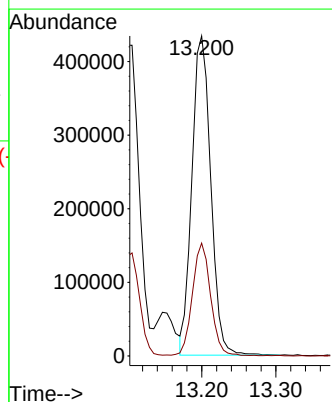
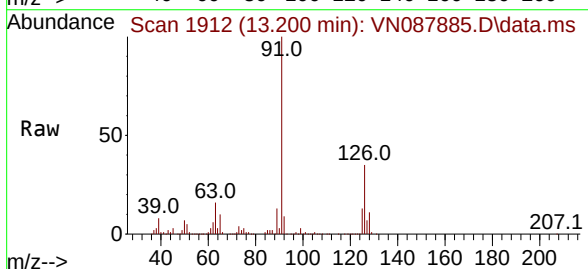
Manual Integrations
APPROVED

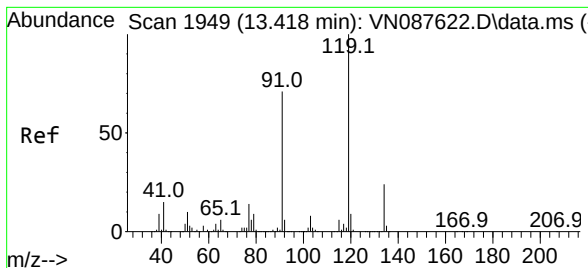
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#82
4-Chlorotoluene
Concen: 51.272 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

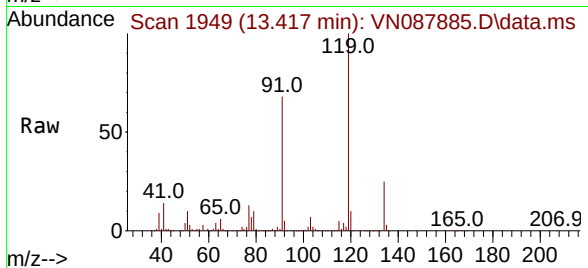
Tgt Ion: 91 Resp: 767012
Ion Ratio Lower Upper
91 100
126 34.1 15.6 46.8





#83
tert-Butylbenzene
Concen: 55.792 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

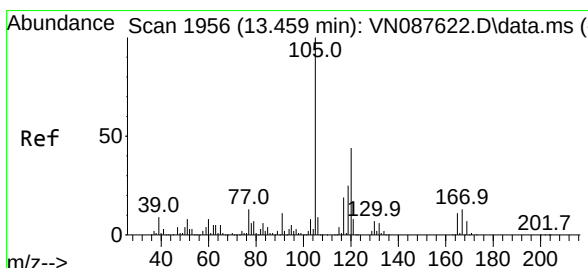
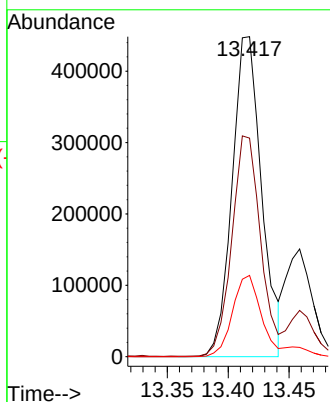
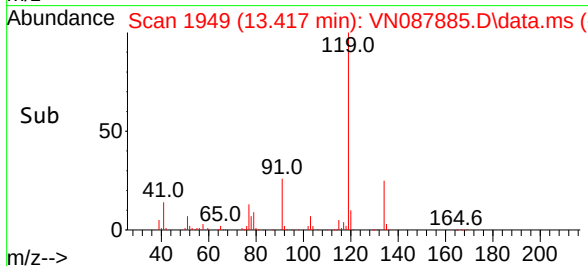
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



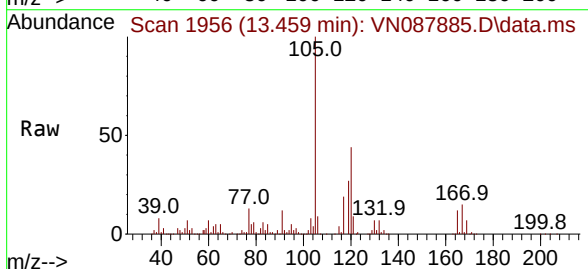
Tgt Ion:119 Resp: 757068
Ion Ratio Lower Upper
119 100
91 67.1 35.0 105.0
134 24.9 12.6 37.8

Manual Integrations
APPROVED

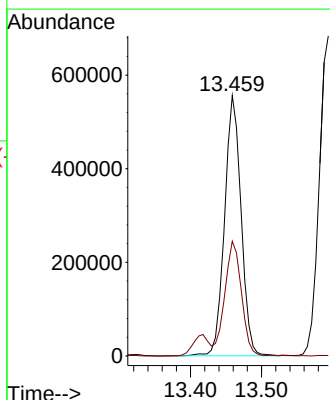
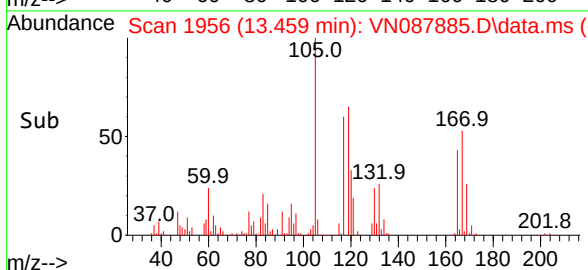
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

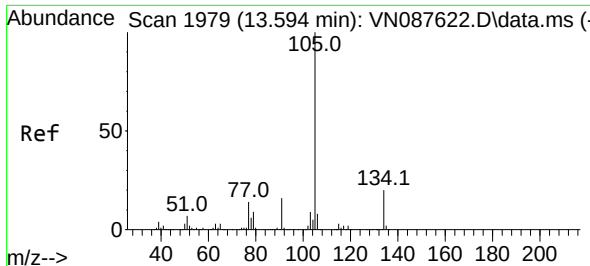


#84
1,2,4-Trimethylbenzene
Concen: 55.054 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



Tgt Ion:105 Resp: 897422
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0





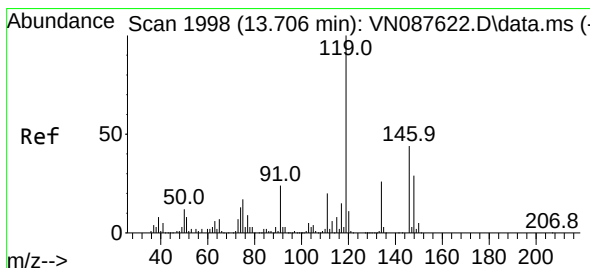
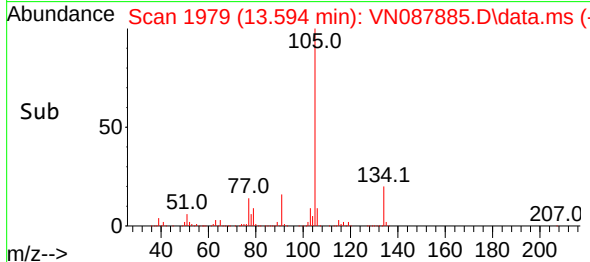
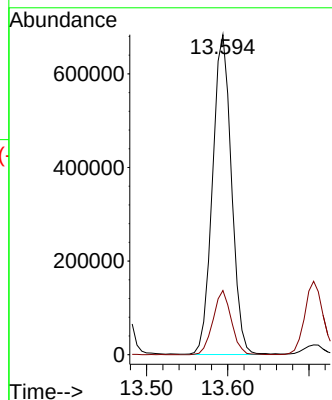
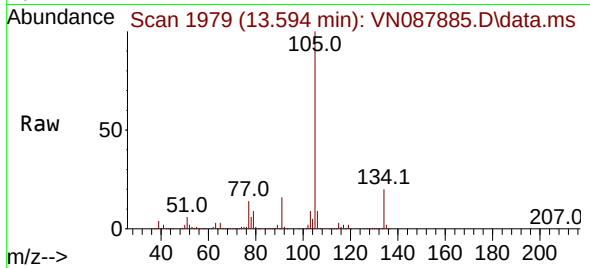
#85
 sec-Butylbenzene
 Concen: 54.981 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087885.D
 Acq: 18 Sep 2025 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 110713
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6

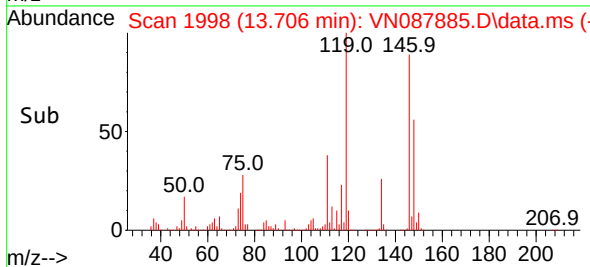
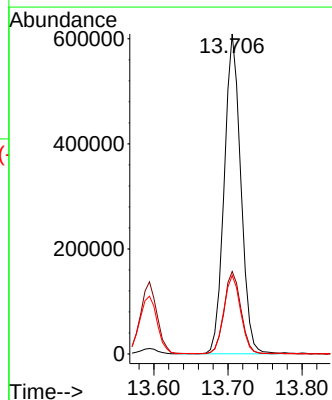
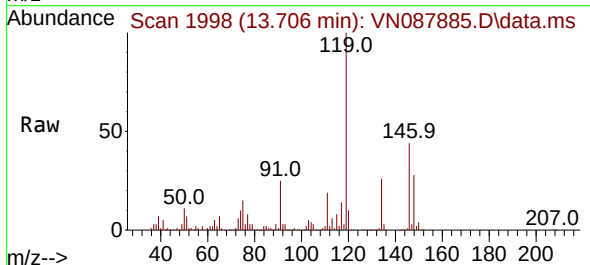
Manual Integrations
 APPROVED

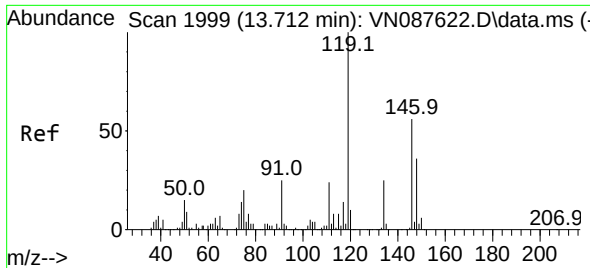
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025



#86
 p-Isopropyltoluene
 Concen: 56.777 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087885.D
 Acq: 18 Sep 2025 10:25

Tgt Ion:119 Resp: 944089
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.0
 91 24.6 12.5 37.5





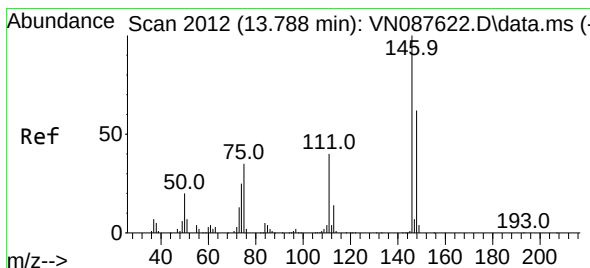
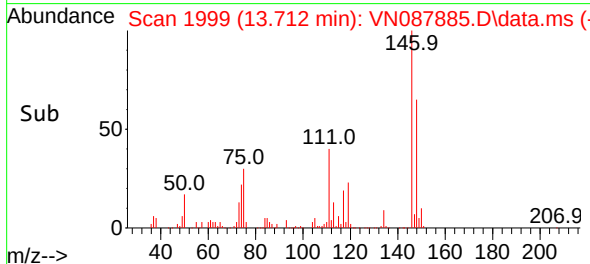
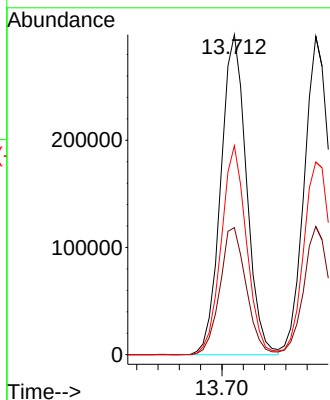
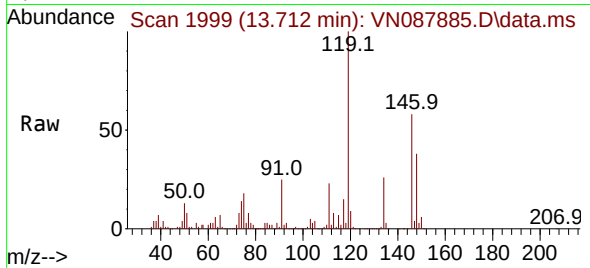
#87
1,3-Dichlorobenzene
Concen: 56.055 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 499600
Ion Ratio Lower Upper
146 100
111 40.6 22.1 66.5
148 64.2 32.0 96.2

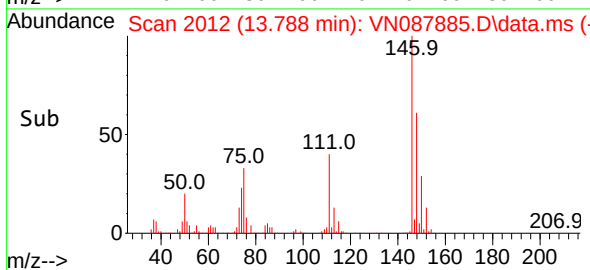
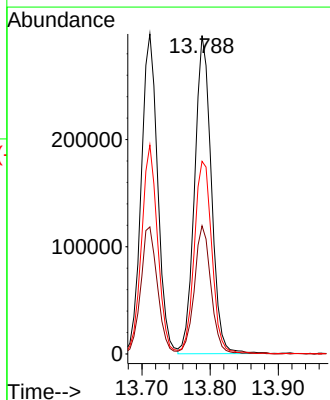
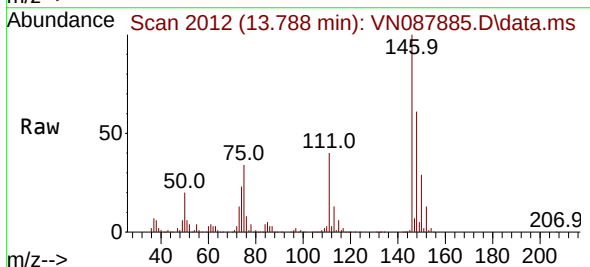
Manual Integrations
APPROVED

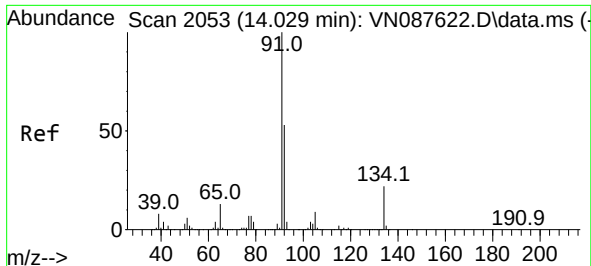
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#88
1,4-Dichlorobenzene
Concen: 54.470 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Tgt Ion:146 Resp: 505219
Ion Ratio Lower Upper
146 100
111 40.4 21.0 63.0
148 63.3 32.0 96.0





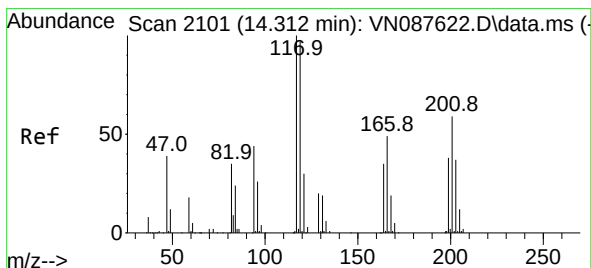
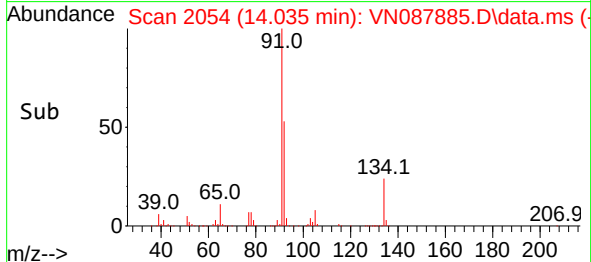
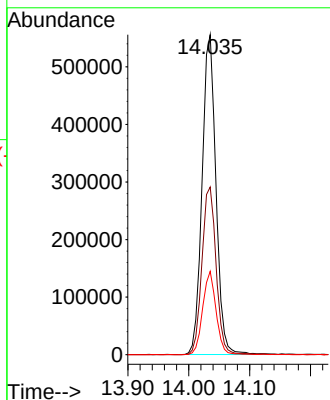
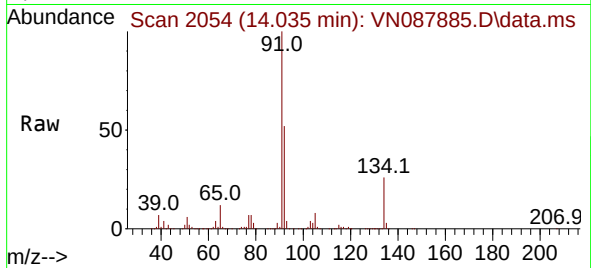
#89
n-Butylbenzene
Concen: 53.298 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 880168
Ion Ratio Lower Upper
91 100
92 53.8 25.9 77.8
134 25.1 11.7 35.0

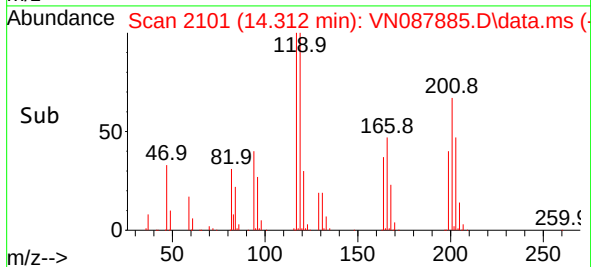
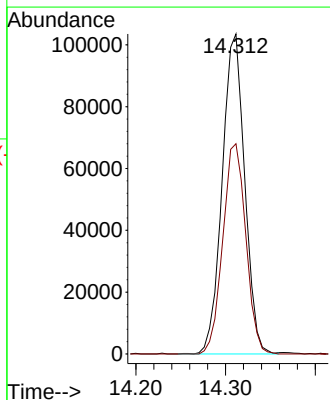
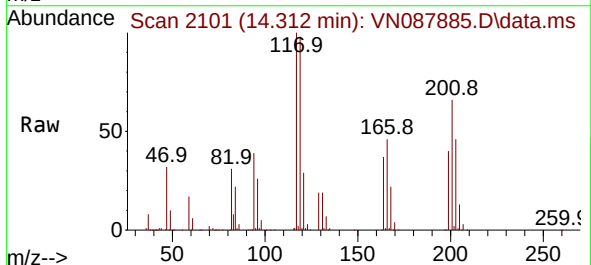
Manual Integrations
APPROVED

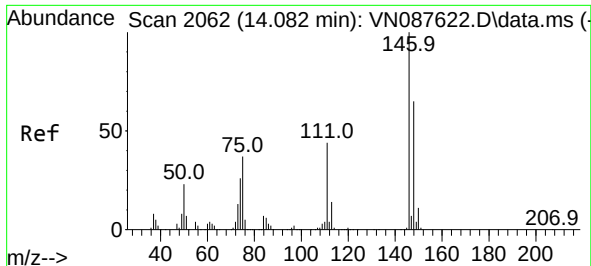
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#90
Hexachloroethane
Concen: 56.931 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Tgt Ion:117 Resp: 180353
Ion Ratio Lower Upper
117 100
201 67.0 29.1 87.4





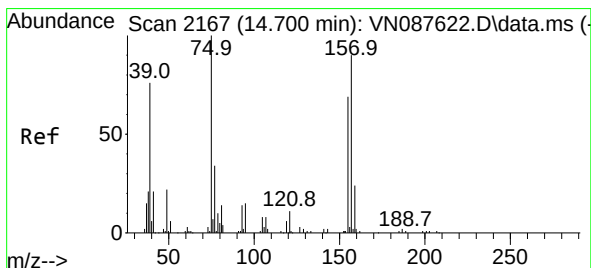
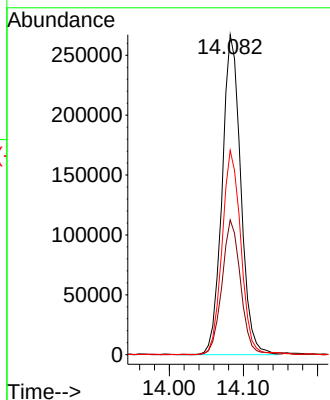
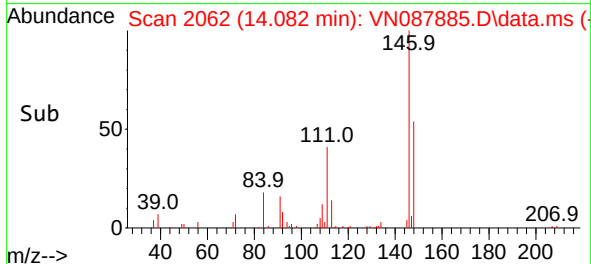
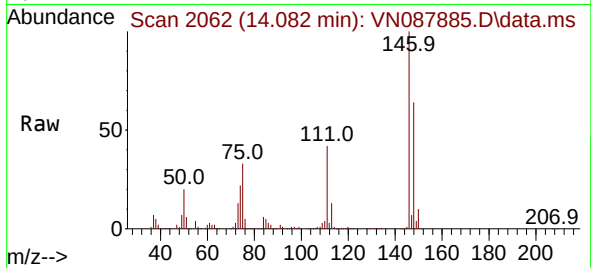
#91
1,2-Dichlorobenzene
Concen: 55.319 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 467754
Ion Ratio Lower Upper
146 100
111 41.9 22.6 67.8
148 64.4 31.9 95.9

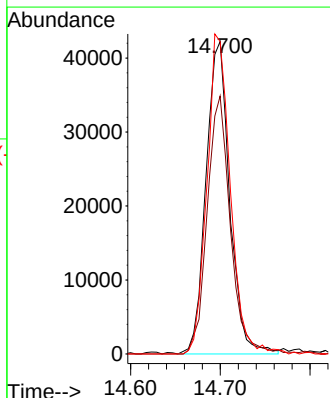
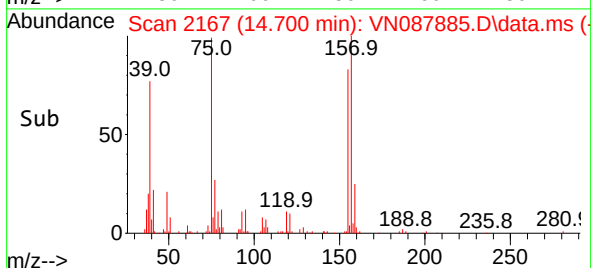
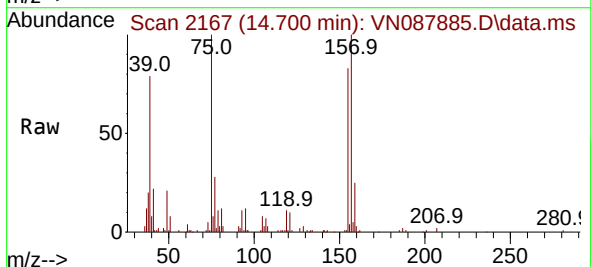
Manual Integrations
APPROVED

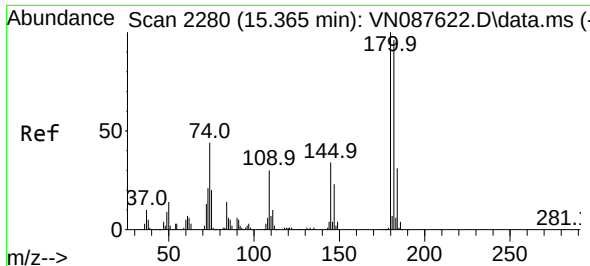
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.220 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

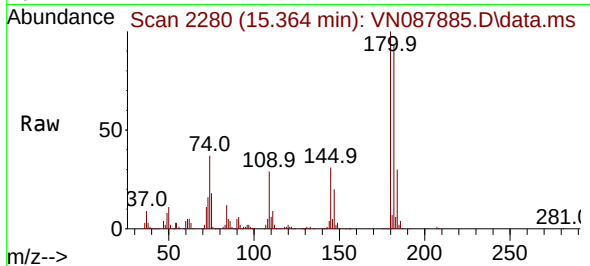
Tgt Ion: 75 Resp: 77271
Ion Ratio Lower Upper
75 100
155 81.2 36.6 109.9
157 101.6 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 58.112 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

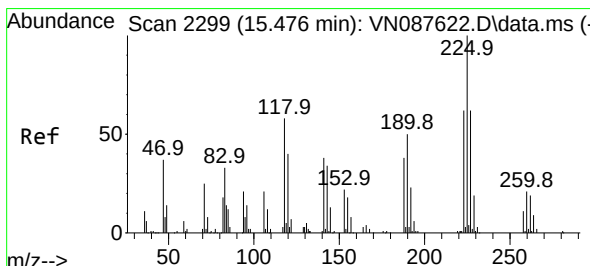
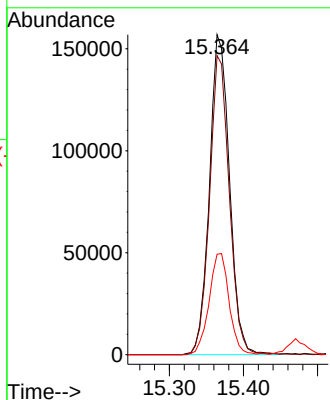
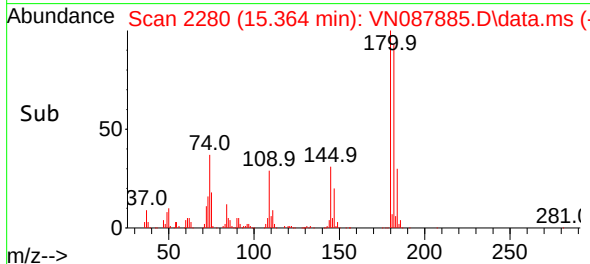
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



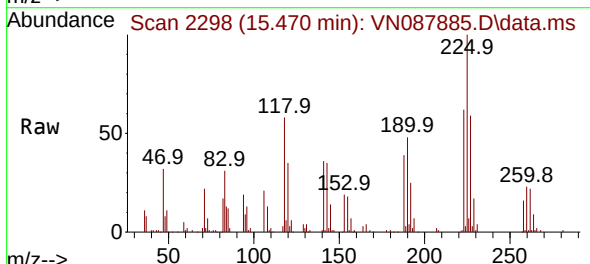
Tgt Ion:180 Resp: 295064
Ion Ratio Lower Upper
180 100
182 91.8 47.6 142.9
145 31.7 16.5 49.5

Manual Integrations
APPROVED

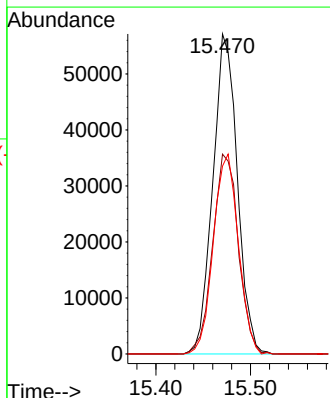
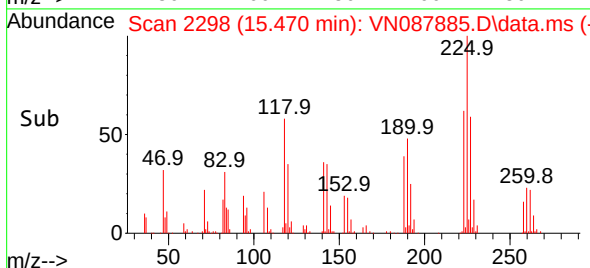
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

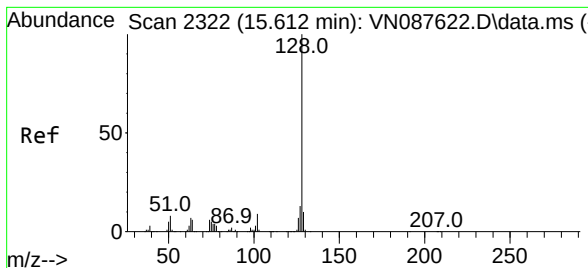


#94
Hexachlorobutadiene
Concen: 56.672 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



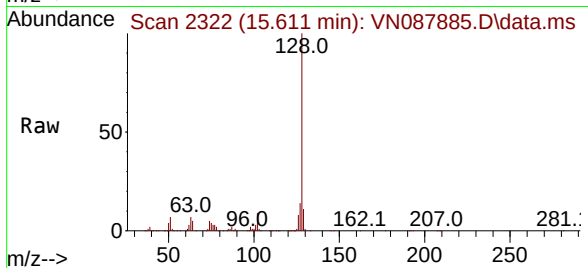
Tgt Ion:225 Resp: 102587
Ion Ratio Lower Upper
225 100
223 65.5 32.0 96.2
227 63.9 32.1 96.5





#95
Naphthalene
Concen: 53.554 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25

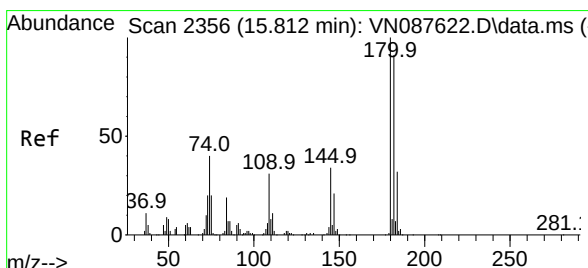
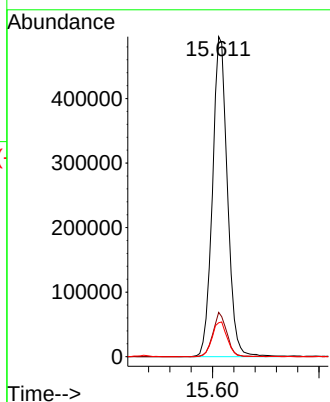
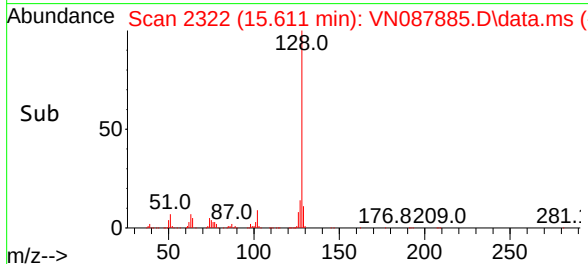
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



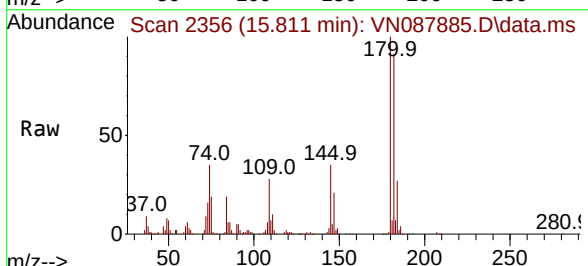
Tgt Ion:128 Resp: 96315
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 57.165 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087885.D
Acq: 18 Sep 2025 10:25



Tgt Ion:180 Resp: 283758
Ion Ratio Lower Upper
180 100
182 94.0 46.8 140.3
145 33.2 17.3 52.0

