

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
 Data File : VN087149.D
 Acq On : 24 Jun 2025 11:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 04:13:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2025
 Supervised By : Mahesh Dadoda 06/25/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	137487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	97653	53.049	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.100%			
35) Dibromofluoromethane	8.171	113	79474	49.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.260%			
50) Toluene-d8	10.571	98	328802	51.344	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.847	95	130238	54.739	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.153	85	75859	55.338	ug/l	99
3) Chloromethane	2.395	50	87612	49.494	ug/l	94
4) Vinyl Chloride	2.553	62	97918	53.623	ug/l	100
5) Bromomethane	2.989	94	61112	59.804	ug/l	94
6) Chloroethane	3.148	64	79744	67.608	ug/l	100
7) Trichlorofluoromethane	3.524	101	158516	66.442	ug/l	97
8) Diethyl Ether	3.983	74	54183	52.125	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.400	101	78821	52.586	ug/l	99
10) Methyl Iodide	4.612	142	70970	36.525	ug/l	95
11) Tert butyl alcohol	5.542	59	122893	246.041	ug/l	100
12) 1,1-Dichloroethene	4.365	96	77987	50.963	ug/l	95
13) Acrolein	4.200	56	31770	200.944	ug/l	100
14) Allyl chloride	5.042	41	131514	51.821	ug/l	96
15) Acrylonitrile	5.736	53	312758	267.894	ug/l	99
16) Acetone	4.442	43	225499	230.999	ug/l	99
17) Carbon Disulfide	4.736	76	219661	51.894	ug/l	99
18) Methyl Acetate	5.042	43	139036	48.874	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	299001	53.964	ug/l	100
20) Methylene Chloride	5.294	84	94090	51.483	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	89609	52.632	ug/l	99
22) Diisopropyl ether	6.683	45	296130	55.355	ug/l	96
23) Vinyl Acetate	6.618	43	1278670	282.902	ug/l	100
24) 1,1-Dichloroethane	6.583	63	174758	56.765	ug/l	99
25) 2-Butanone	7.494	43	458814	289.150	ug/l	98
26) 2,2-Dichloropropane	7.500	77	151863	63.415	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	119405	58.642	ug/l	97
28) Bromochloromethane	7.824	49	78868	52.104	ug/l	96
29) Tetrahydrofuran	7.847	42	305279	295.336	ug/l	99
30) Chloroform	7.977	83	181994	59.196	ug/l	99
31) Cyclohexane	8.265	56	169316	56.711	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	155122	59.322	ug/l	100
36) 1,1-Dichloropropene	8.383	75	134302	55.716	ug/l	100
37) Ethyl Acetate	7.571	43	176549	57.535	ug/l	98
38) Carbon Tetrachloride	8.371	117	130082	54.967	ug/l	97
39) Methylcyclohexane	9.606	83	174161	52.737	ug/l	99
40) Benzene	8.612	78	453640	57.551	ug/l	99

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Manual Integrations
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Quant Time: Jun 25 04:13:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	92194	53.498	ug/l	96
42) 1,2-Dichloroethane	8.677	62	137745	57.615	ug/l	98
43) Isopropyl Acetate	8.694	43	280389	56.931	ug/l	99
44) Trichloroethene	9.359	130	107191	57.351	ug/l	97
45) 1,2-Dichloropropane	9.624	63	121109	63.154	ug/l	99
46) Dibromomethane	9.712	93	80926	63.534	ug/l	98
47) Bromodichloromethane	9.888	83	162351	61.949	ug/l	100
48) Methyl methacrylate	9.682	41	142381	62.811	ug/l	98
49) 1,4-Dioxane	9.706	88	46819	1135.322	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	949150	320.127	ug/l	99
52) Toluene	10.629	92	301813	62.654	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	186898	63.778	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	200180	63.843	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	113832	61.413	ug/l	98
56) Ethyl methacrylate	10.882	69	195680	66.282	ug/l	99
57) 1,3-Dichloropropane	11.165	76	200521	62.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	486105	276.060	ug/l	97
59) 2-Hexanone	11.200	43	615775	322.428	ug/l	98
60) Dibromochloromethane	11.359	129	120756	62.530	ug/l	99
61) 1,2-Dibromoethane	11.471	107	118347	62.293	ug/l	97
64) Tetrachloroethene	11.106	164	86655	58.842	ug/l	98
65) Chlorobenzene	11.894	112	301514	58.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	105299	63.827	ug/l	98
67) Ethyl Benzene	11.965	91	558969	63.230	ug/l	98
68) m/p-Xylenes	12.070	106	428084	126.501	ug/l	98
69) o-Xylene	12.394	106	205080	63.276	ug/l	100
70) Styrene	12.412	104	352463	63.553	ug/l	99
71) Bromoform	12.582	173	83868	68.611	ug/l #	99
73) Isopropylbenzene	12.694	105	531774	59.271	ug/l	100
74) N-amyl acetate	12.512	43	177947	56.759	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	189370	62.304	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	160418m	54.799	ug/l	
77) Bromobenzene	12.982	156	127228	61.834	ug/l	99
78) n-propylbenzene	13.035	91	648828	59.508	ug/l	99
79) 2-Chlorotoluene	13.123	91	388887	59.474	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	436328	58.905	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	79117	62.213	ug/l	94
82) 4-Chlorotoluene	13.223	91	403857	61.041	ug/l	99
83) tert-Butylbenzene	13.435	119	389864	57.498	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	420510	56.613	ug/l	99
85) sec-Butylbenzene	13.612	105	542616	55.106	ug/l	100
86) p-Isopropyltoluene	13.729	119	452114	55.545	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	239675	59.205	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	236345	57.264	ug/l	99
89) n-Butylbenzene	14.053	91	406999	51.623	ug/l	99
90) Hexachloroethane	14.329	117	80141	58.085	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	231180	59.440	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	42396	58.325	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	134546	54.175	ug/l	99
94) Hexachlorobutadiene	15.500	225	38999	42.148	ug/l	99
95) Naphthalene	15.635	128	530904	57.431	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	120343	48.771	ug/l	99

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MSVOA_N
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VSTDCCC050

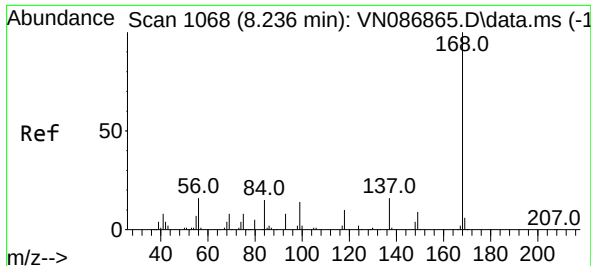
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

Quant Time: Jun 25 04:13:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

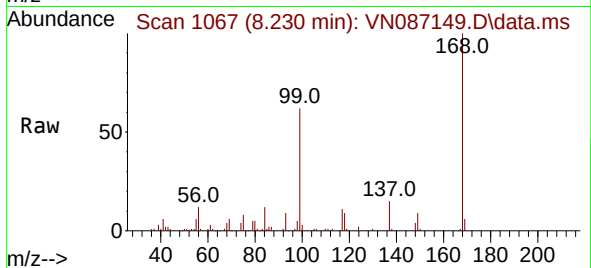
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087149.D
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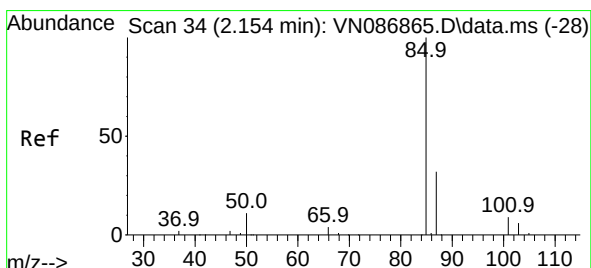
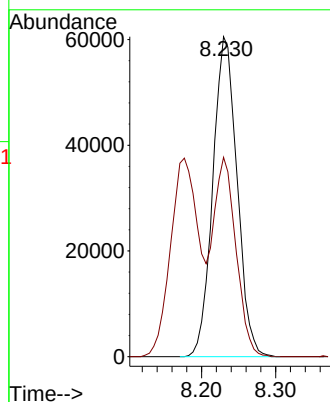
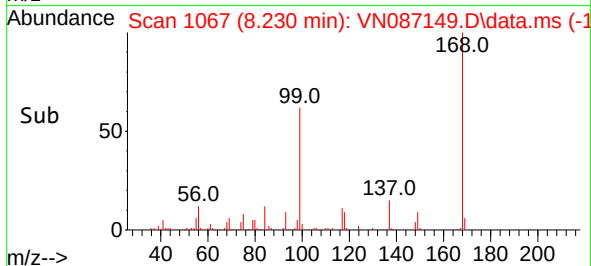
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13748
Ion Ratio Lower Upper
168 100
99 62.3 49.1 73.7

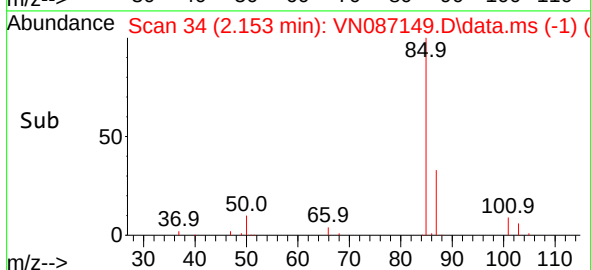
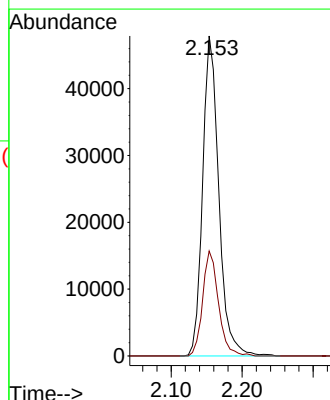
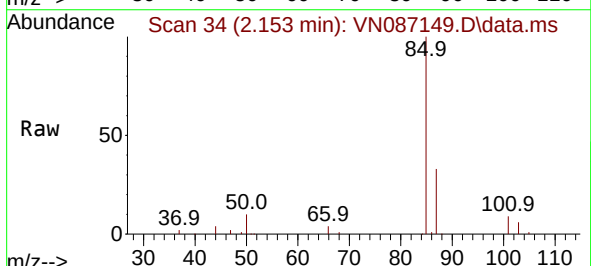
Manual Integrations
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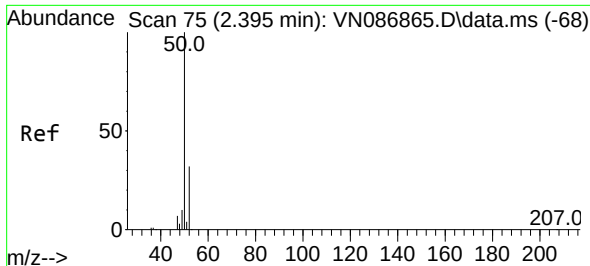
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#2
Dichlorodifluoromethane
Concen: 55.338 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

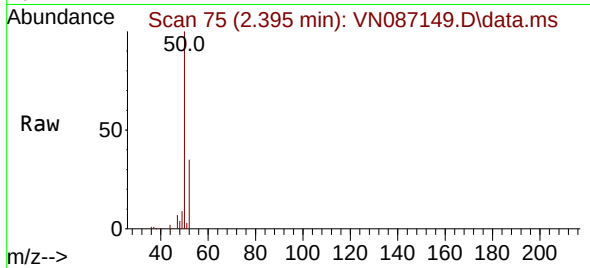
Tgt Ion: 85 Resp: 75859
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6





#3
Chloromethane
Concen: 49.494 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

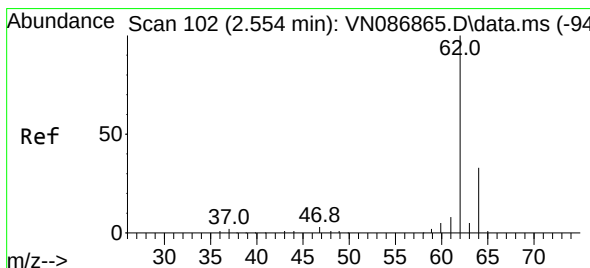
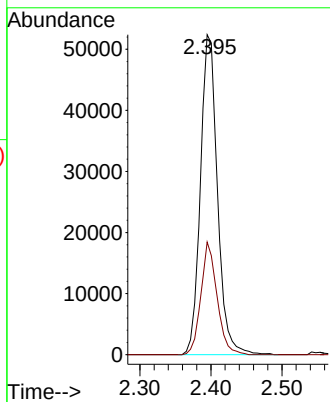
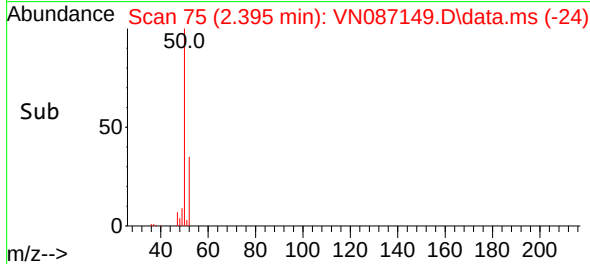
Instrument :
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ClientSampleId :
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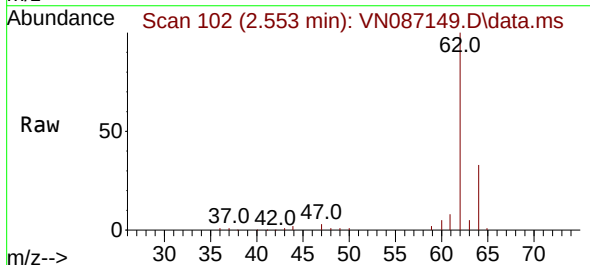
Tgt Ion: 50 Resp: 87612
Ion Ratio Lower Upper
50 100
52 35.2 25.7 38.5

Manual Integrations
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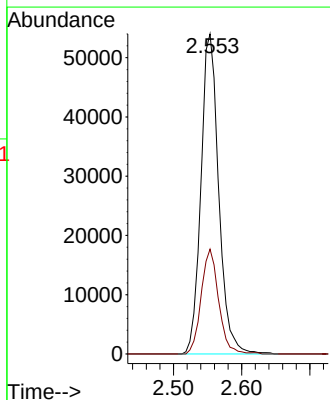
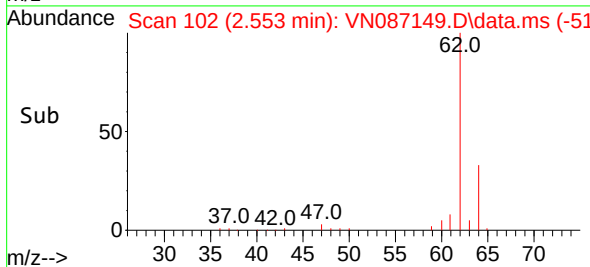
Reviewed By :John Carlone 06/25/2025
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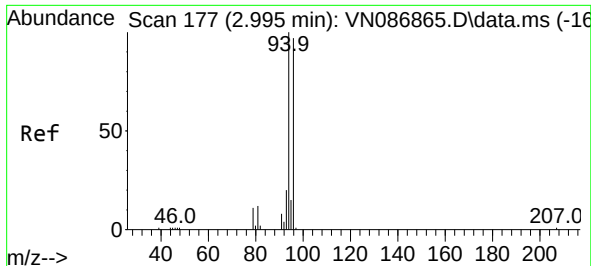


#4
Vinyl Chloride
Concen: 53.623 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14



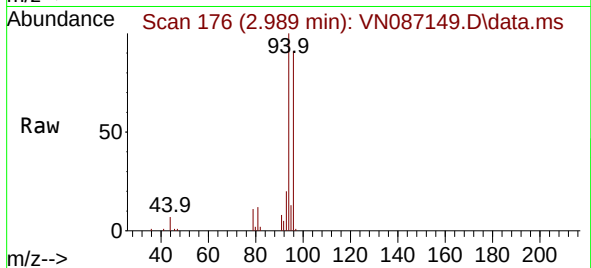
Tgt Ion: 62 Resp: 97918
Ion Ratio Lower Upper
62 100
64 32.8 26.0 39.0





#5
Bromomethane
Concen: 59.804 ug/l
RT: 2.989 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

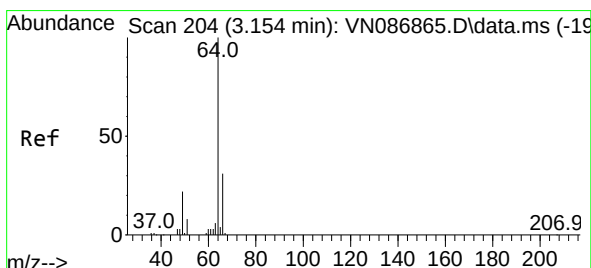
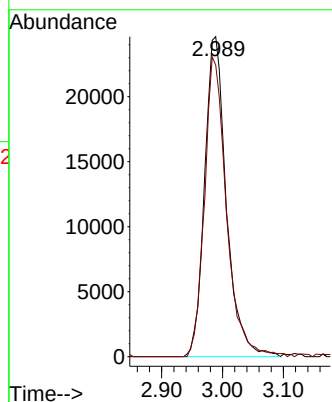
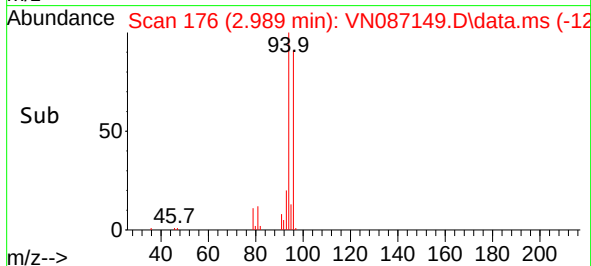
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion: 94 Resp: 6111
Ion Ratio Lower Upper
94 100
96 91.1 77.9 116.9

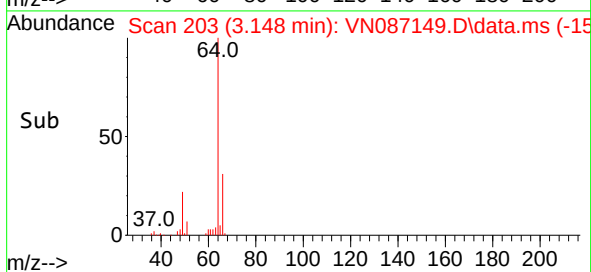
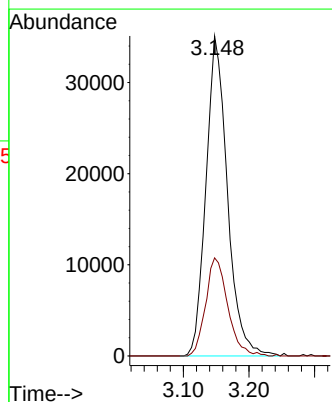
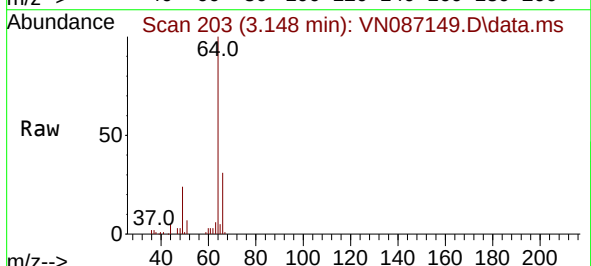
Manual Integrations
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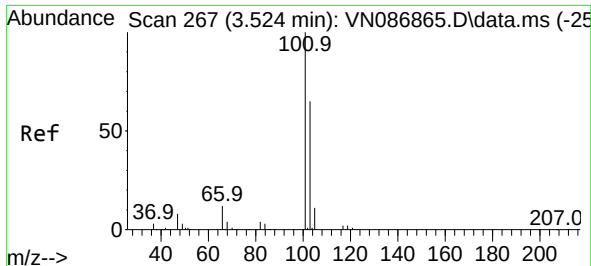
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#6
Chloroethane
Concen: 67.608 ug/l
RT: 3.148 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

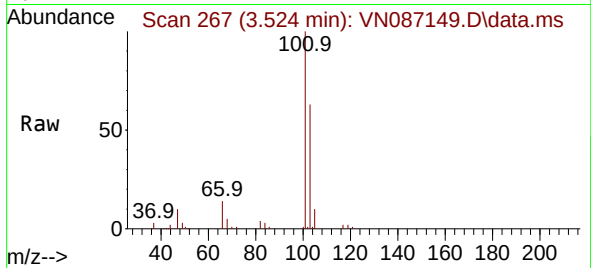
Tgt Ion: 64 Resp: 79744
Ion Ratio Lower Upper
64 100
66 30.6 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 66.442 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14

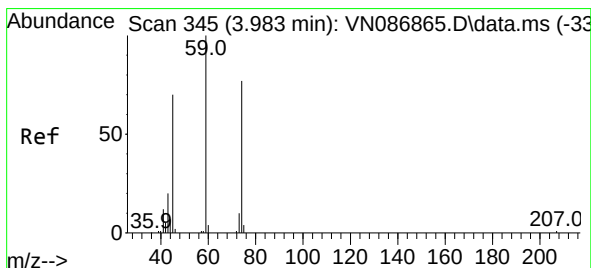
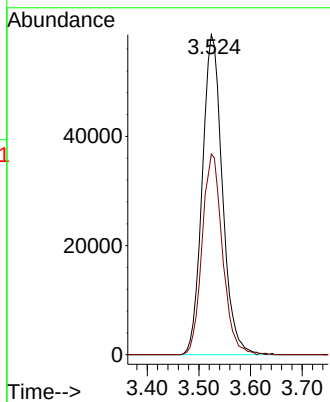
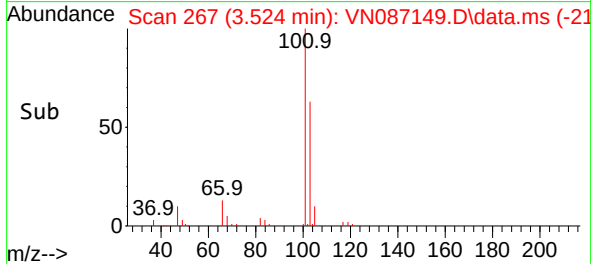
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 158510
 Ion Ratio Lower Upper
 101 100
 103 62.7 52.2 78.2

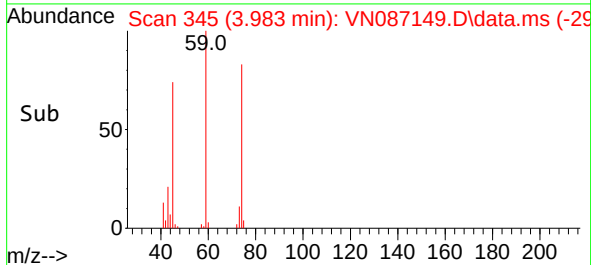
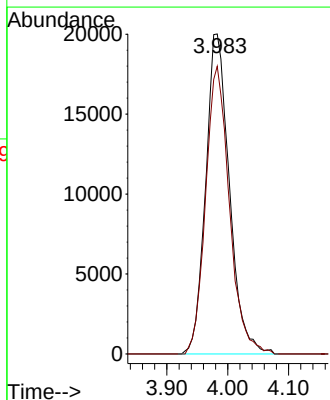
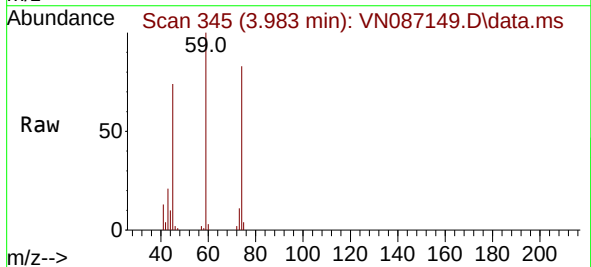
Manual Integrations
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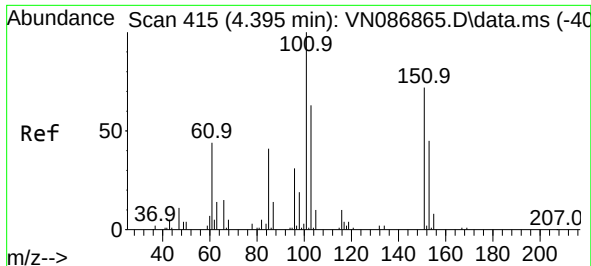
Reviewed By :John Carlone 06/25/2025
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#8
 Diethyl Ether
 Concen: 52.125 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14

Tgt Ion: 74 Resp: 54183
 Ion Ratio Lower Upper
 74 100
 45 90.1 45.5 136.5





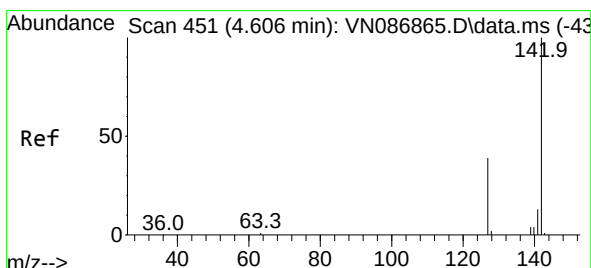
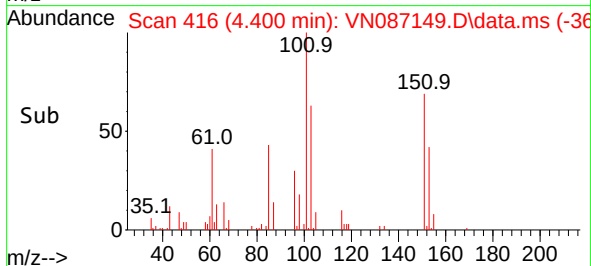
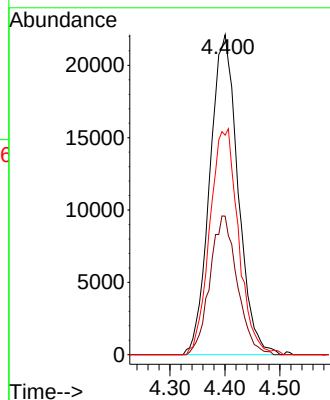
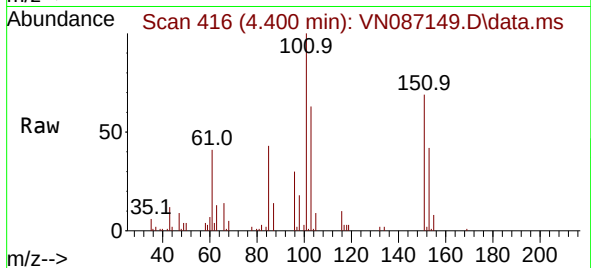
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.586 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7882
Ion Ratio Lower Upper
101 100
85 42.0 33.8 50.8
151 71.7 58.7 88.1

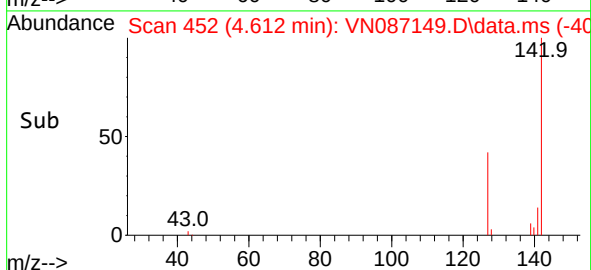
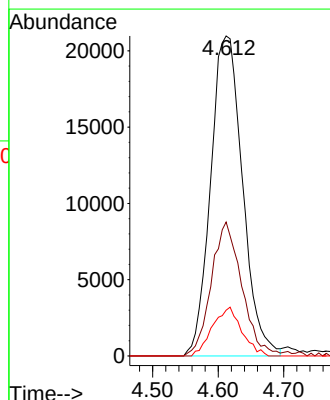
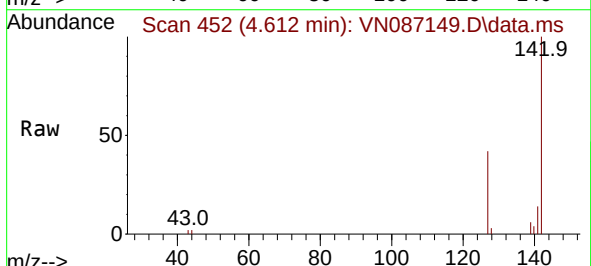
Manual Integrations
APPROVED

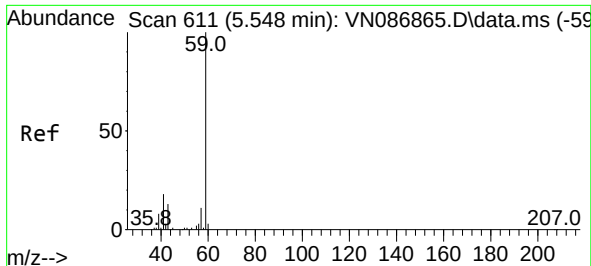
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#10
Methyl Iodide
Concen: 36.525 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion:142 Resp: 70970
Ion Ratio Lower Upper
142 100
127 41.8 30.9 46.3
141 14.3 10.4 15.6





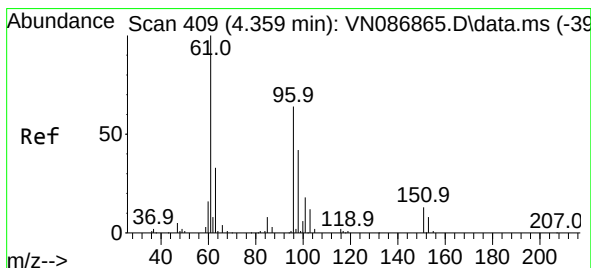
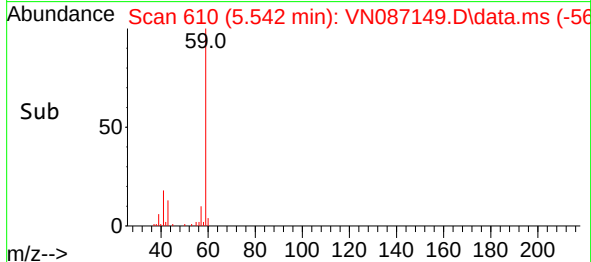
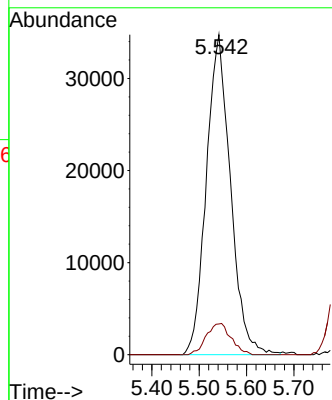
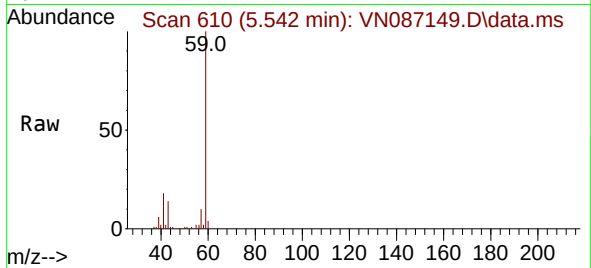
#11
Tert butyl alcohol
Concen: 246.041 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 12289
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

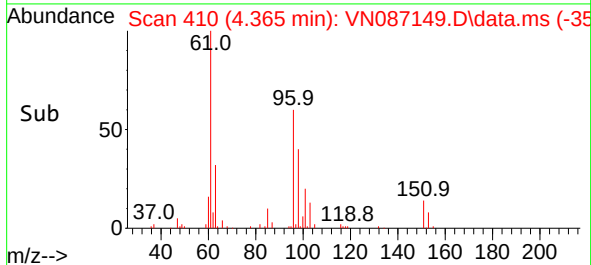
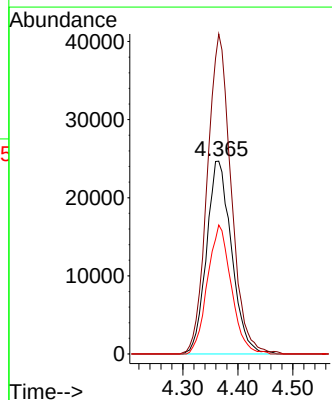
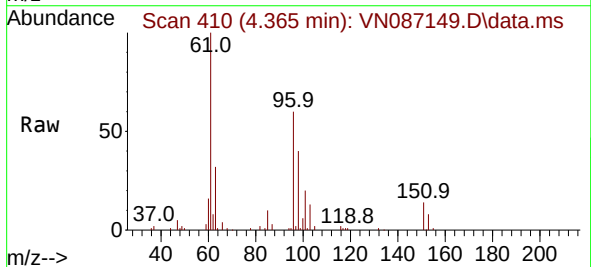
Manual Integrations
APPROVED

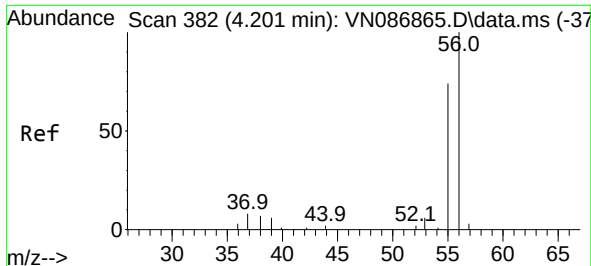
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#12
1,1-Dichloroethene
Concen: 50.963 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

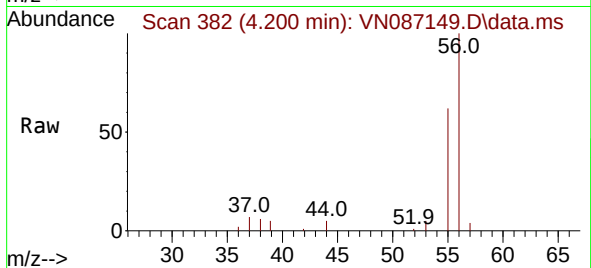
Tgt Ion: 96 Resp: 77987
Ion Ratio Lower Upper
96 100
61 165.9 125.8 188.6
98 66.9 52.5 78.7





#13
Acrolein
Concen: 200.944 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

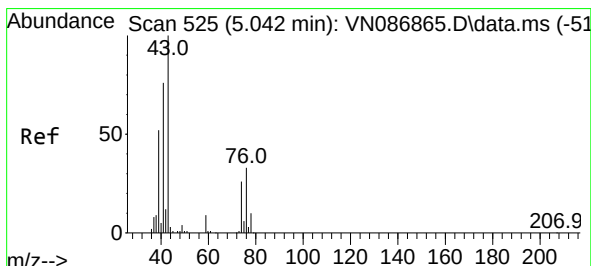
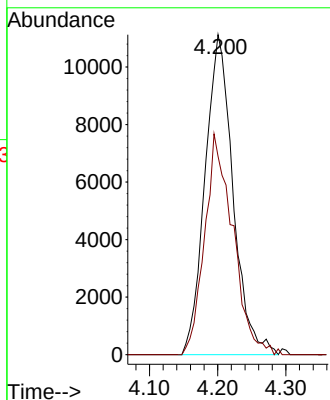
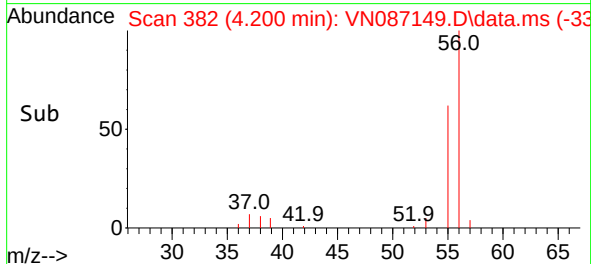
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 31770
Ion Ratio Lower Upper
56 100
55 69.8 55.6 83.4

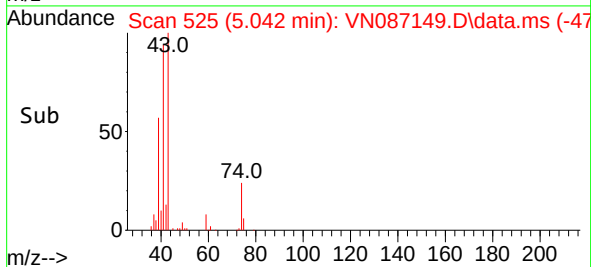
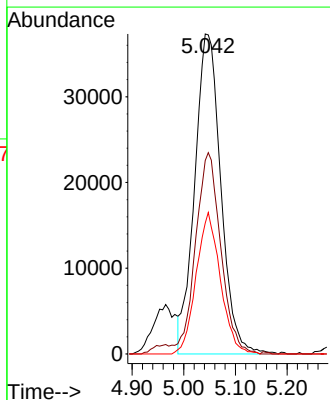
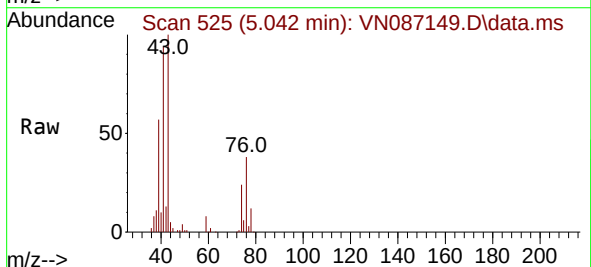
Manual Integrations
APPROVED

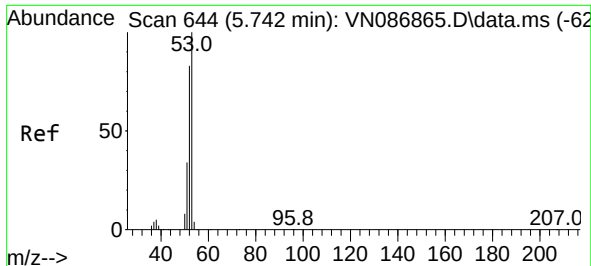
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#14
Allyl chloride
Concen: 51.821 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

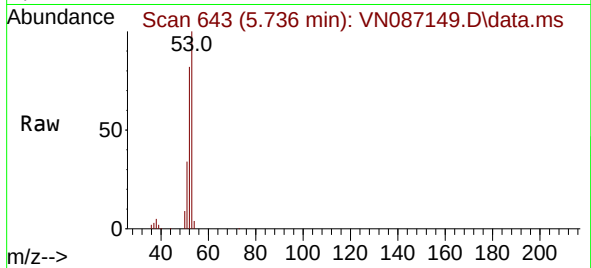
Tgt Ion: 41 Resp: 131514
Ion Ratio Lower Upper
41 100
39 60.4 51.3 76.9
76 40.9 31.4 47.0





#15
Acrylonitrile
Concen: 267.894 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

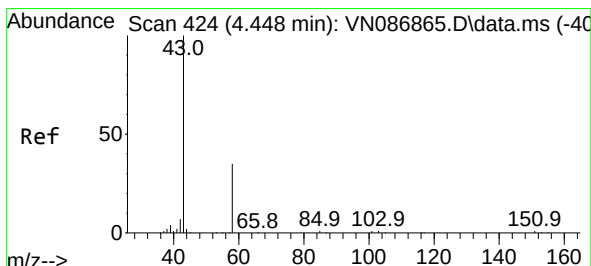
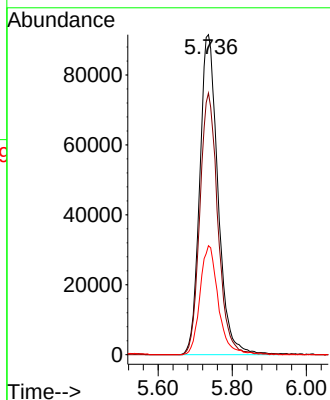
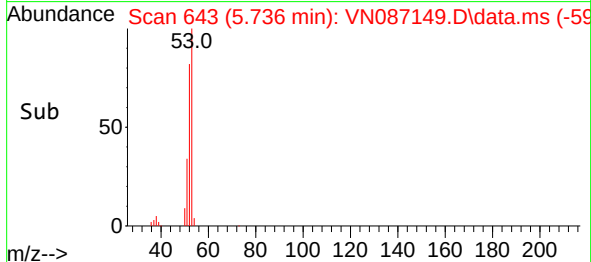
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 312758
Ion Ratio Lower Upper
53 100
52 80.4 65.0 97.6
51 34.2 27.2 40.8

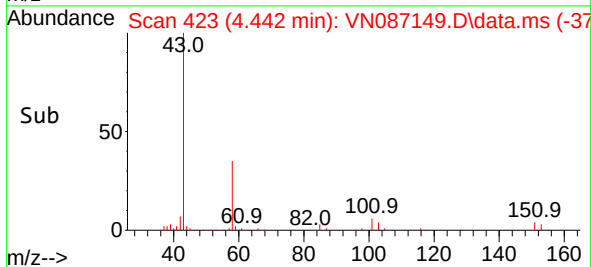
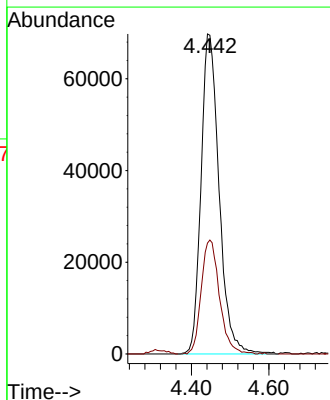
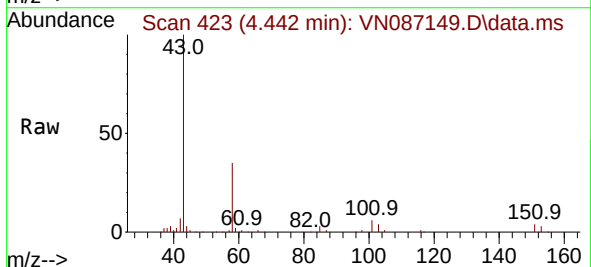
Manual Integrations
APPROVED

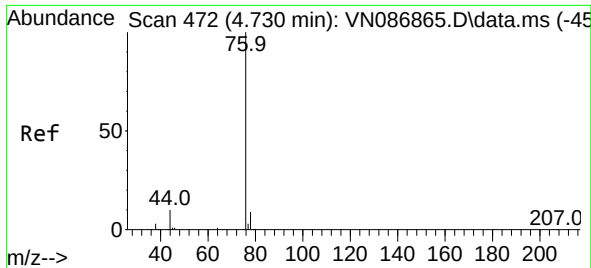
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#16
Acetone
Concen: 230.999 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion: 43 Resp: 225499
Ion Ratio Lower Upper
43 100
58 34.6 28.0 42.0





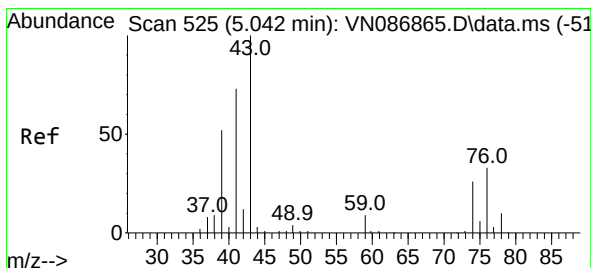
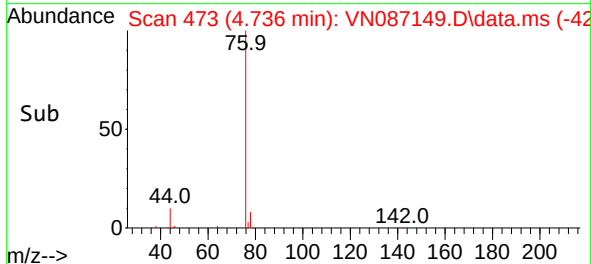
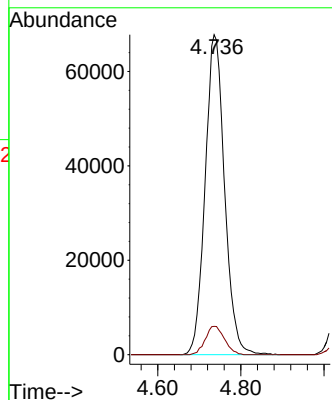
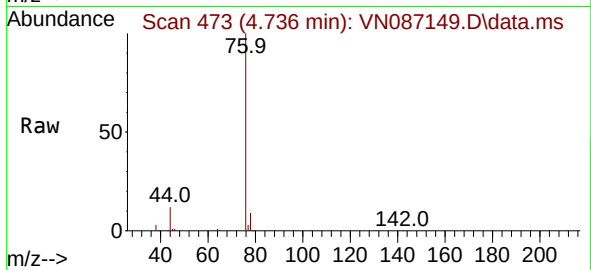
#17
Carbon Disulfide
Concen: 51.894 ug/l
RT: 4.736 min Scan# 472
Delta R.T. 0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 21966
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

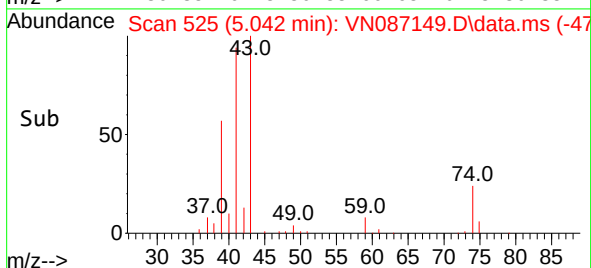
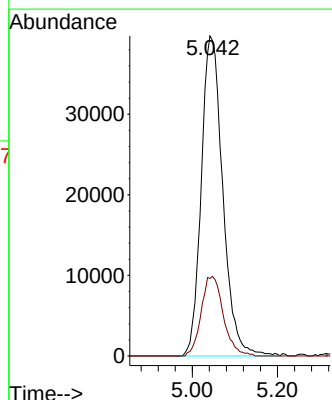
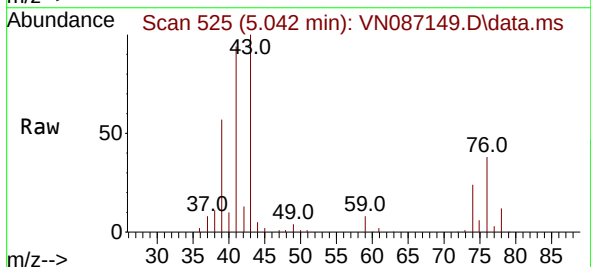
Manual Integrations
APPROVED

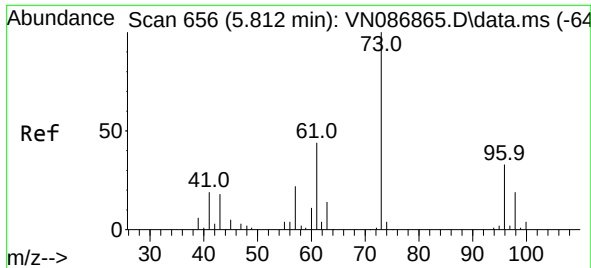
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#18
Methyl Acetate
Concen: 48.874 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion: 43 Resp: 139036
Ion Ratio Lower Upper
43 100
74 25.6 20.7 31.1





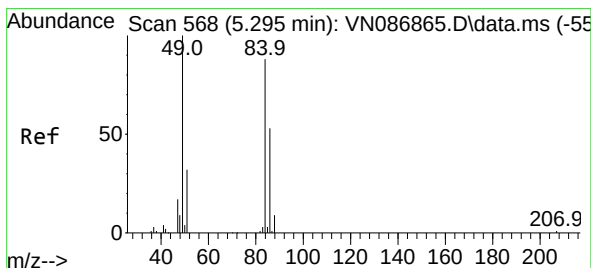
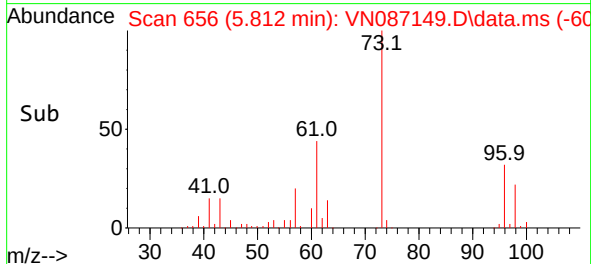
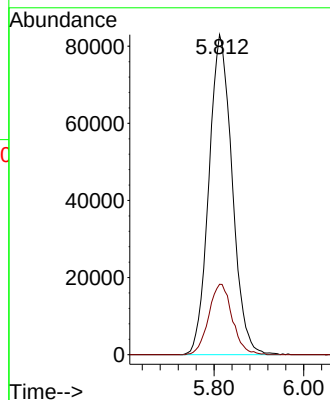
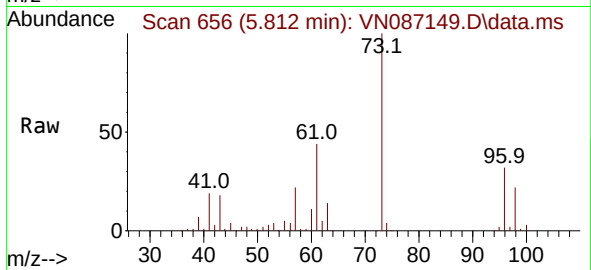
#19
Methyl tert-butyl Ether
Concen: 53.964 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 29900
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.2

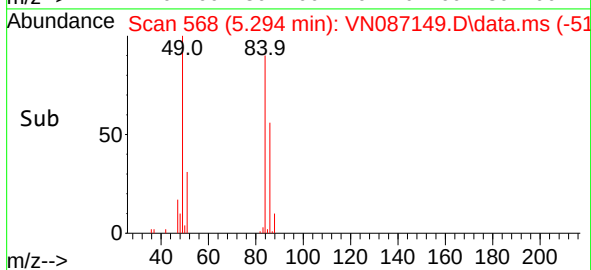
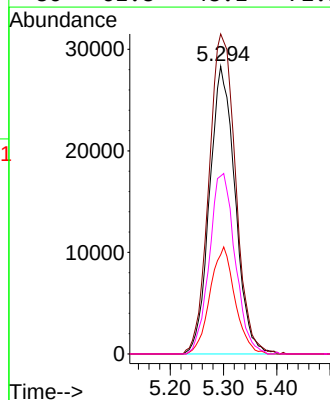
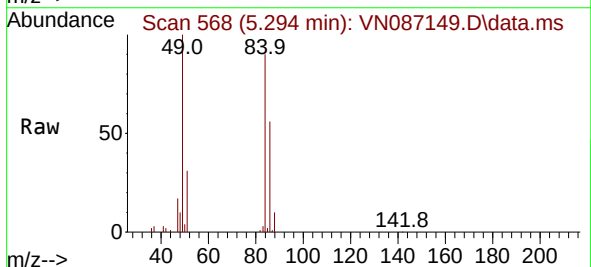
Manual Integrations
APPROVED

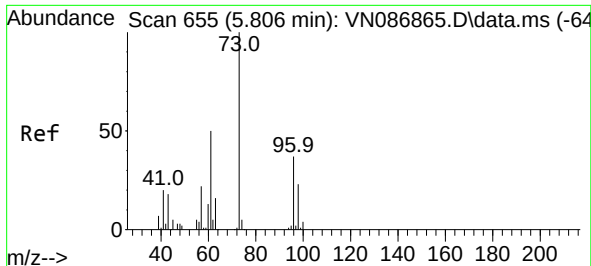
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#20
Methylene Chloride
Concen: 51.483 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

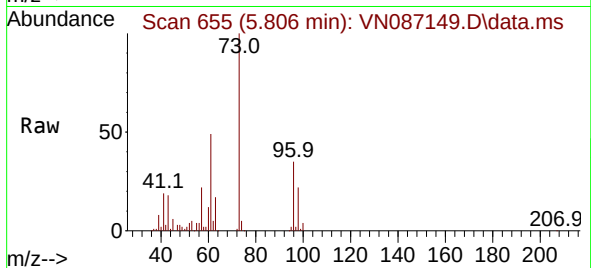
Tgt Ion: 84 Resp: 94090
Ion Ratio Lower Upper
84 100
49 111.2 90.5 135.7
51 34.5 28.5 42.7
86 61.8 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 52.632 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

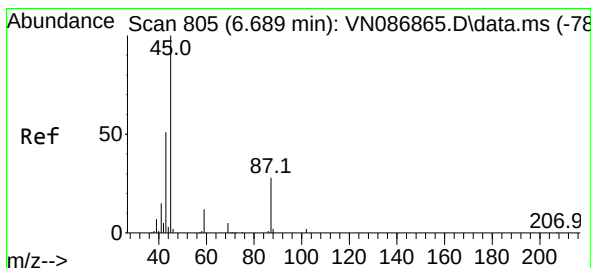
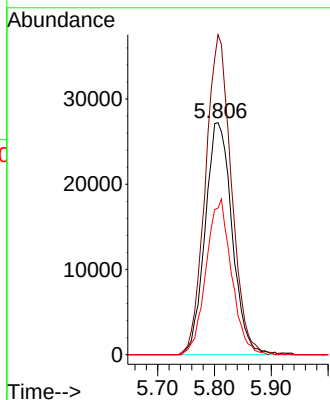
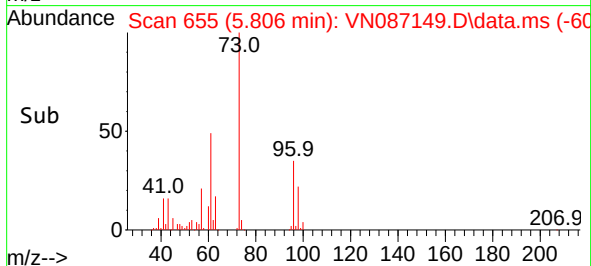
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



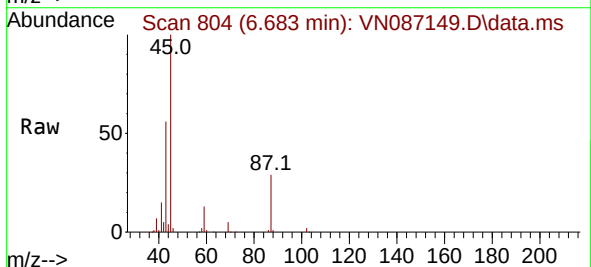
Tgt Ion: 96 Resp: 89609
Ion Ratio Lower Upper
96 100
61 137.9 109.2 163.8
98 63.2 49.8 74.8

Manual Integrations
APPROVED

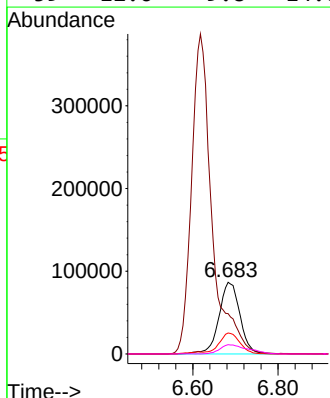
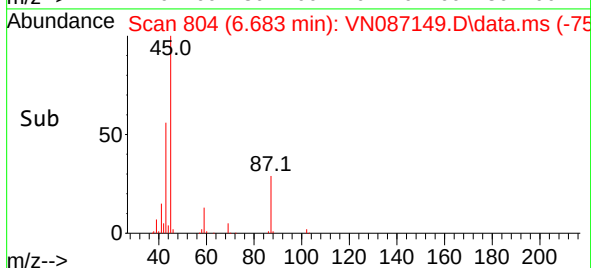
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

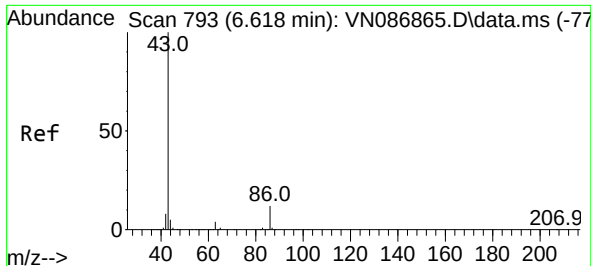


#22
Diisopropyl ether
Concen: 55.355 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14



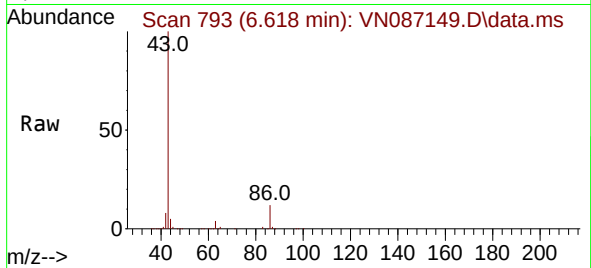
Tgt Ion: 45 Resp: 296130
Ion Ratio Lower Upper
45 100
43 55.7 41.9 62.9
87 29.2 22.4 33.6
59 12.6 9.8 14.6





#23
 Vinyl Acetate
 Concen: 282.902 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14

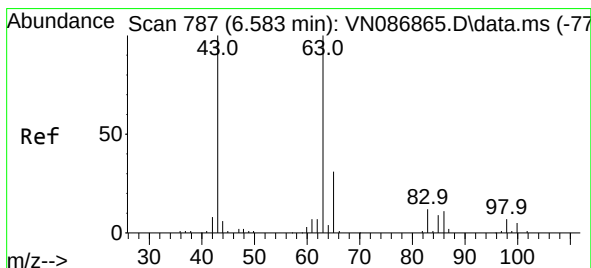
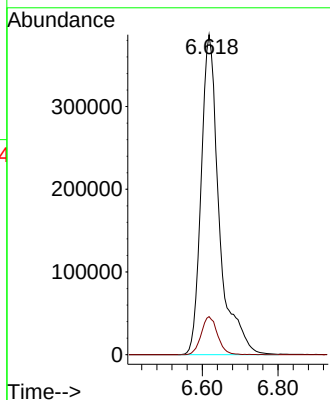
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



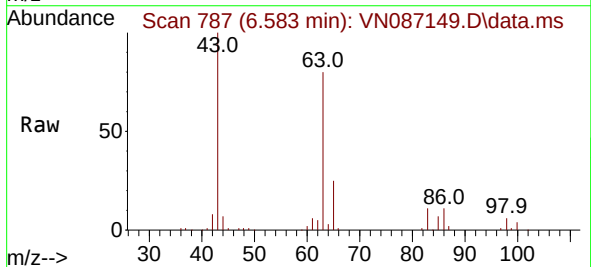
Tgt Ion: 43 Resp: 1278670
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.5 14.3

Manual Integrations
 APPROVED

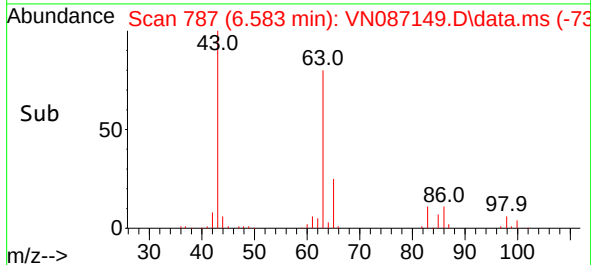
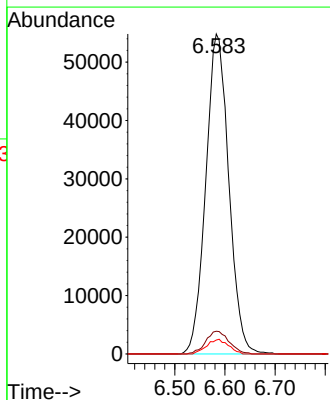
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/25/2025

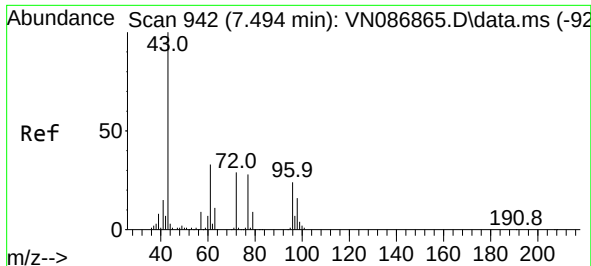


#24
 1,1-Dichloroethane
 Concen: 56.765 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14



Tgt Ion: 63 Resp: 174758
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.4 2.6 7.8





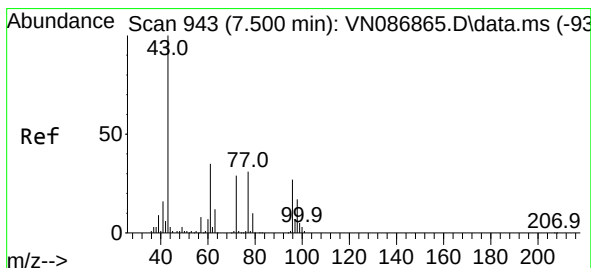
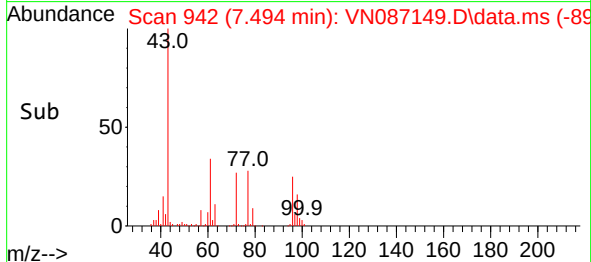
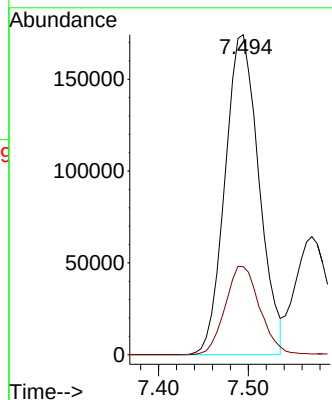
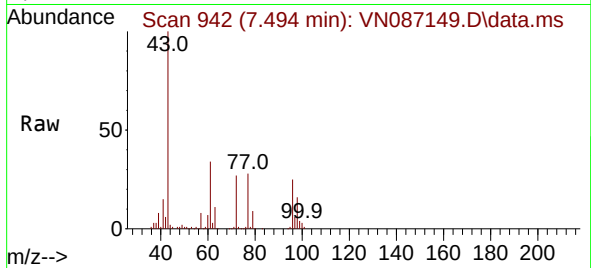
#25
2-Butanone
Concen: 289.150 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050

Tgt Ion: 43 Resp: 458814
Ion Ratio Lower Upper
43 100
72 27.5 23.0 34.6

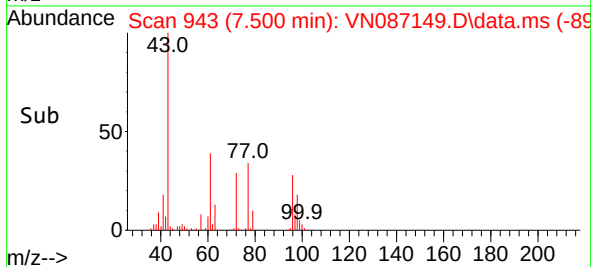
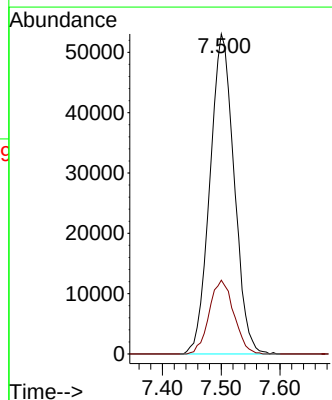
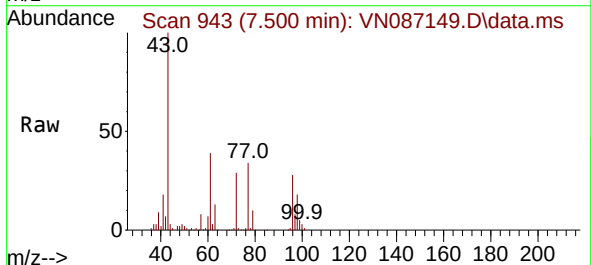
Manual Integrations
APPROVED

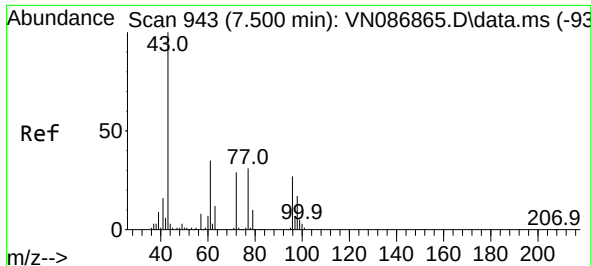
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#26
2,2-Dichloropropane
Concen: 63.415 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

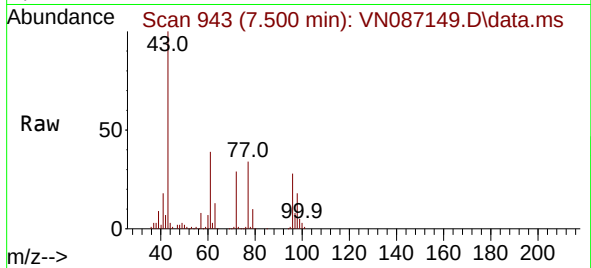
Tgt Ion: 77 Resp: 151863
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 58.642 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14

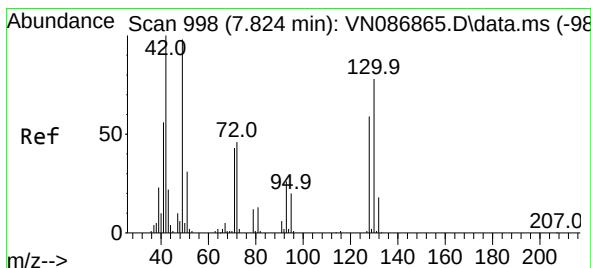
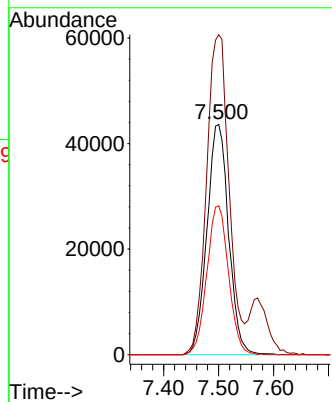
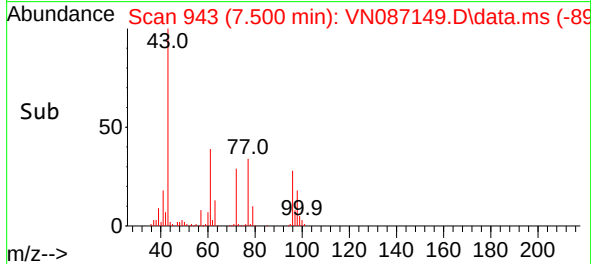
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 11940
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 278.0
 98 64.7 0.0 128.2

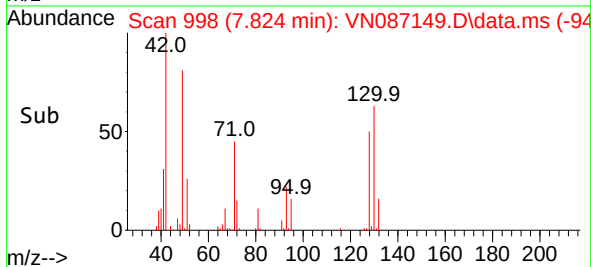
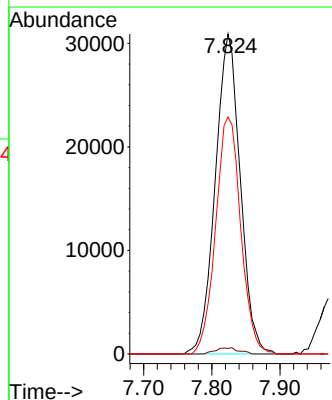
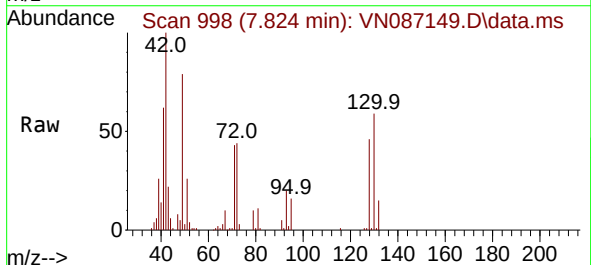
Manual Integrations
 APPROVED

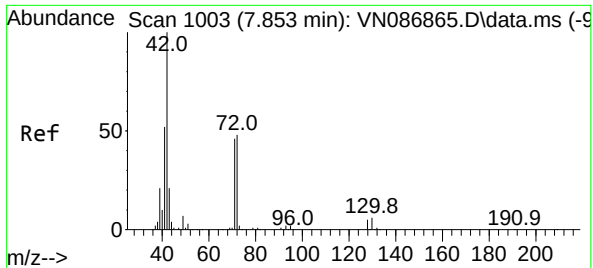
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/25/2025



#28
 Bromochloromethane
 Concen: 52.104 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14

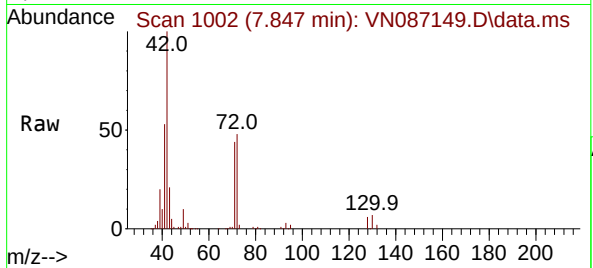
Tgt Ion: 49 Resp: 78868
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 74.3 62.2 93.2





#29
Tetrahydrofuran
Concen: 295.336 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

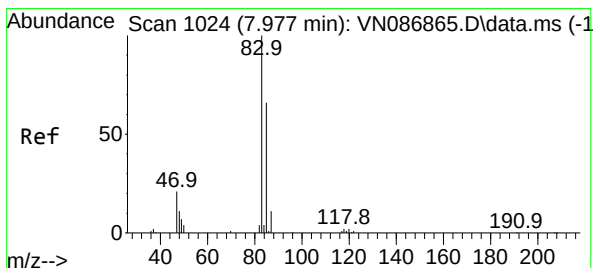
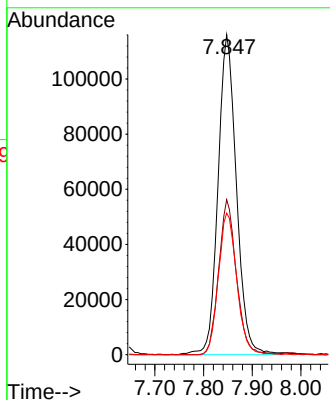
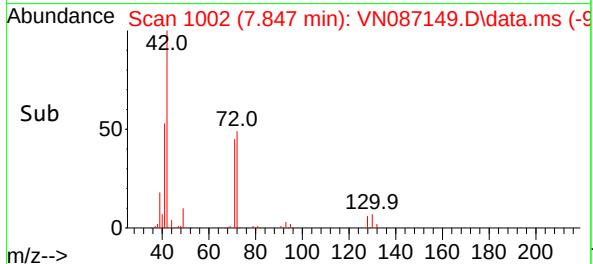
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 305279
Ion Ratio Lower Upper
42 100
72 46.6 37.8 56.6
71 44.1 35.6 53.4

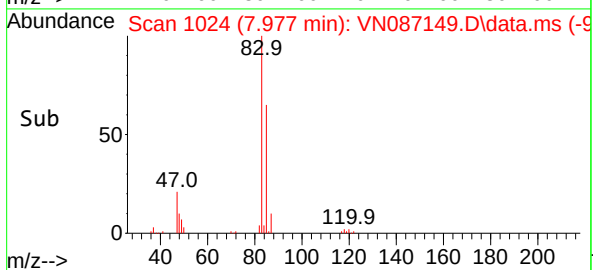
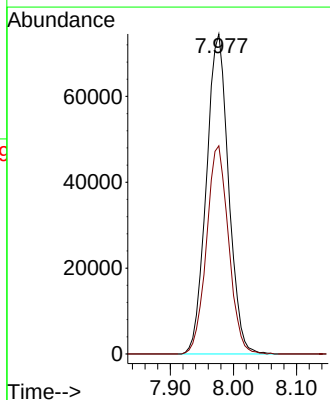
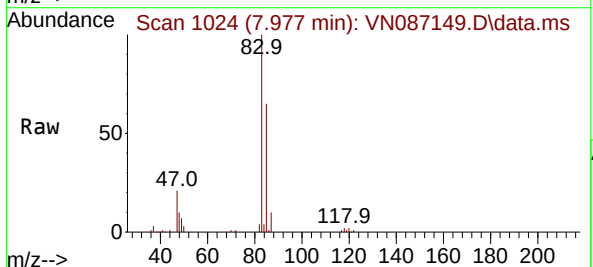
Manual Integrations
APPROVED

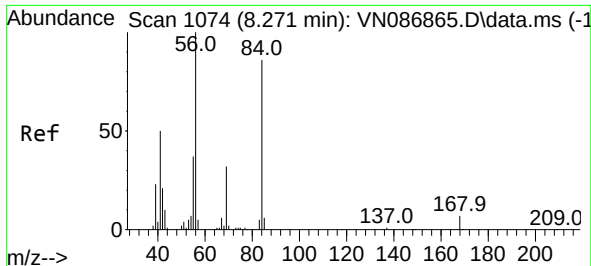
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#30
Chloroform
Concen: 59.196 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

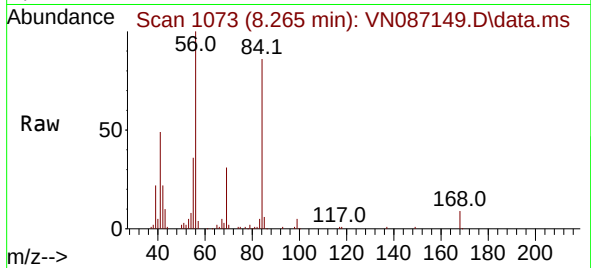
Tgt Ion: 83 Resp: 181994
Ion Ratio Lower Upper
83 100
85 65.0 52.9 79.3





#31
Cyclohexane
Concen: 56.711 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

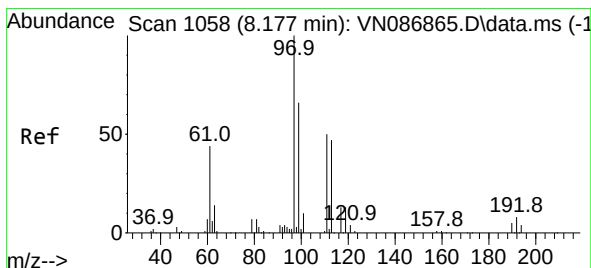
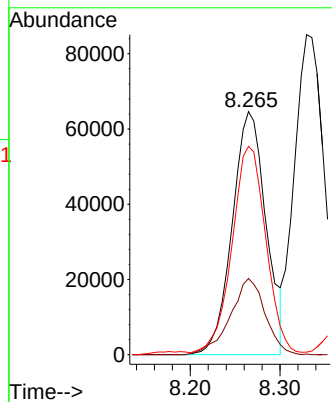
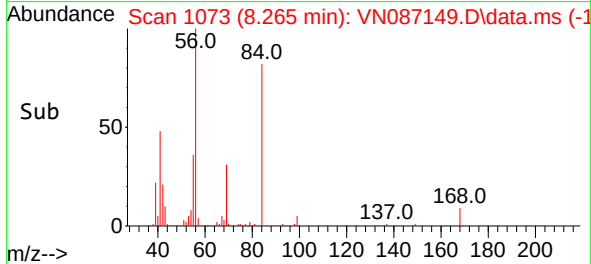
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 169310
Ion Ratio Lower Upper
56 100
69 31.4 25.4 38.0
84 84.5 68.8 103.2

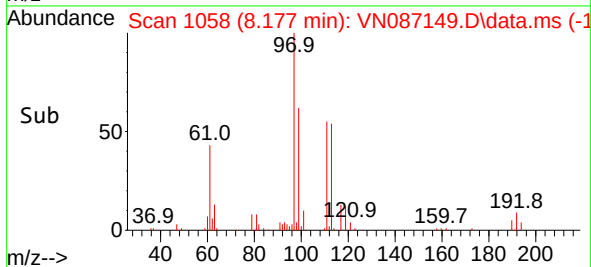
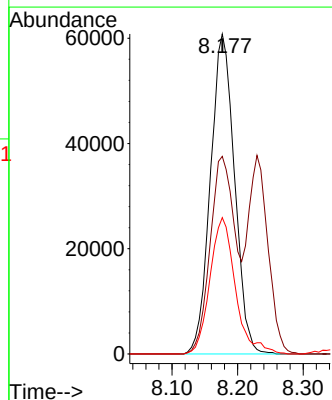
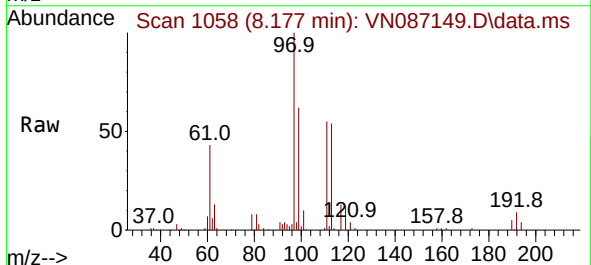
Manual Integrations
APPROVED

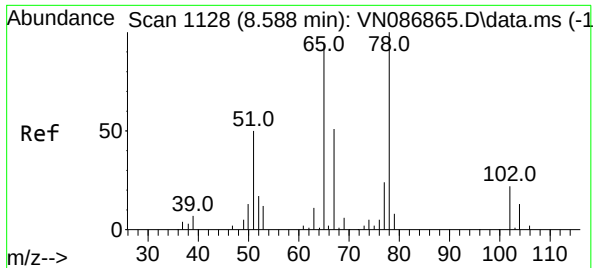
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#32
1,1,1-Trichloroethane
Concen: 59.322 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion: 97 Resp: 155122
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 45.0 35.9 53.9





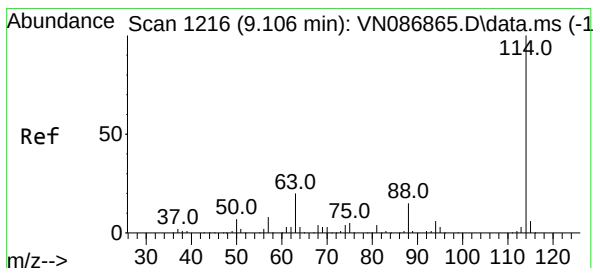
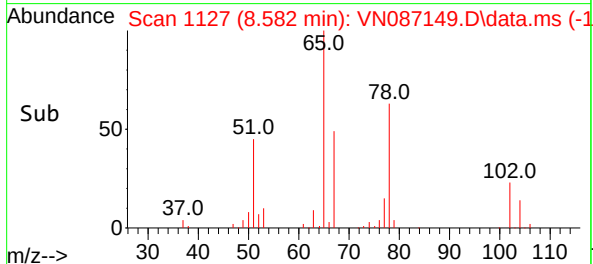
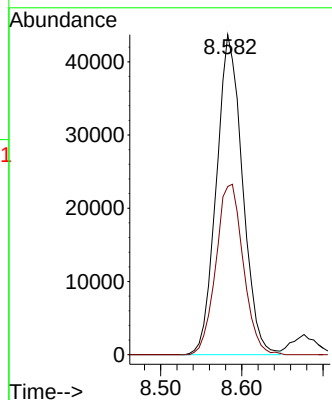
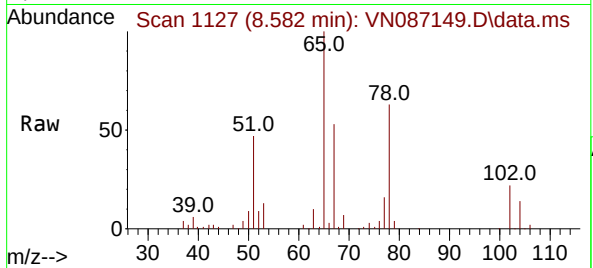
#33
1,2-Dichloroethane-d4
Concen: 53.049 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 9765
Ion Ratio Lower Upper
65 100
67 55.8 0.0 105.6

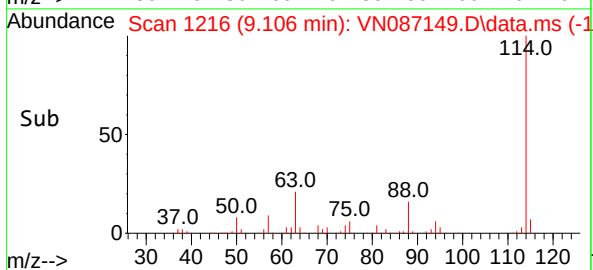
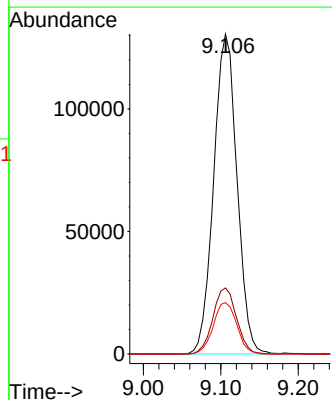
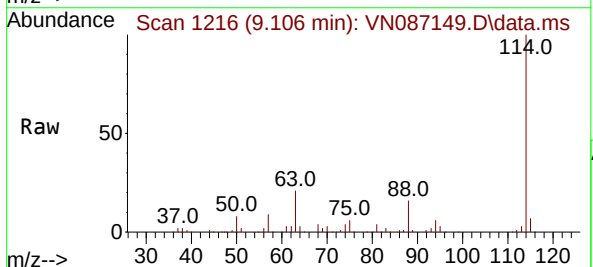
Manual Integrations
APPROVED

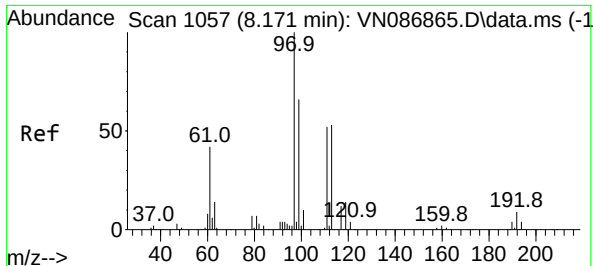
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion:114 Resp: 272967
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.6
88 16.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.129 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 79474

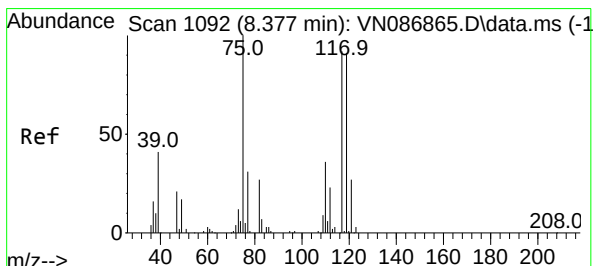
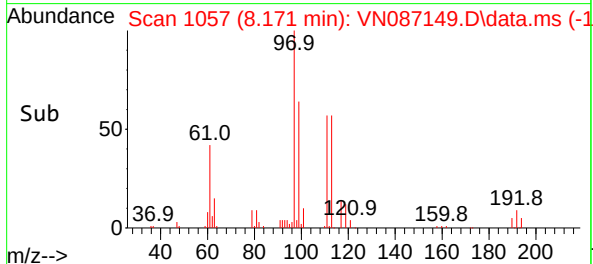
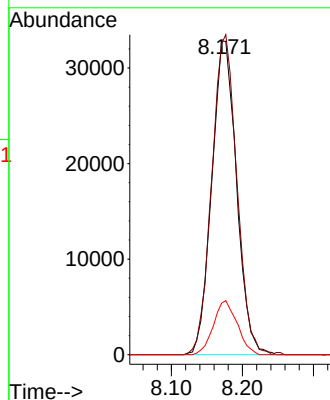
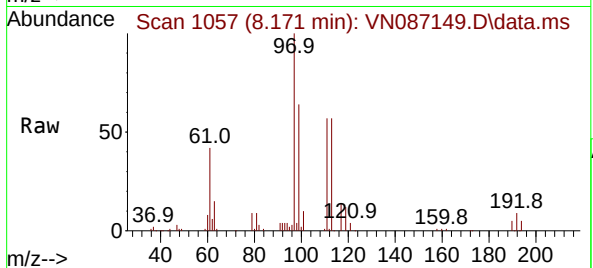
Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.2	126.2
192	16.5	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#36

1,1-Dichloropropene

Concen: 55.716 ug/l

RT: 8.383 min Scan# 1093

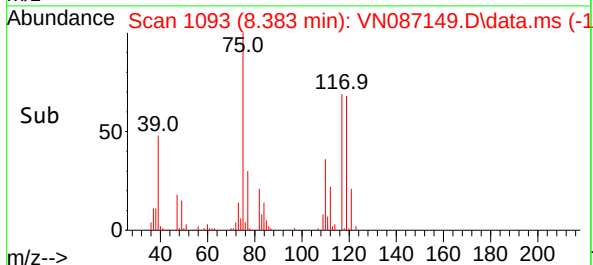
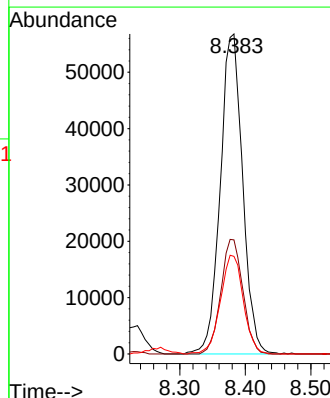
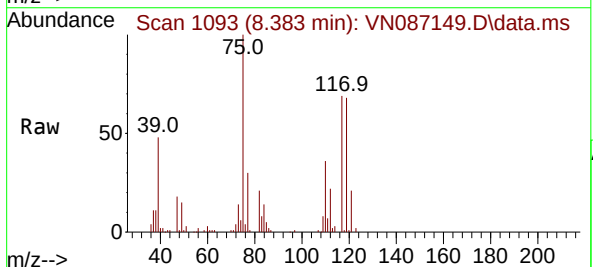
Delta R.T. 0.006 min

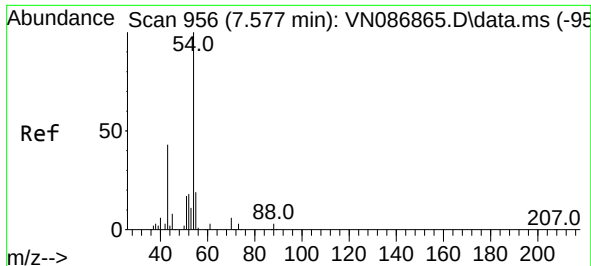
Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

Tgt Ion: 75 Resp: 134302

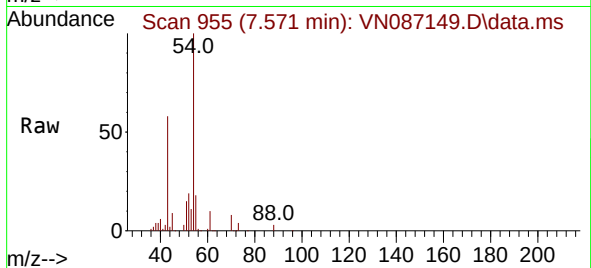
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.9
77	31.6	25.3	37.9





#37
Ethyl Acetate
Concen: 57.535 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

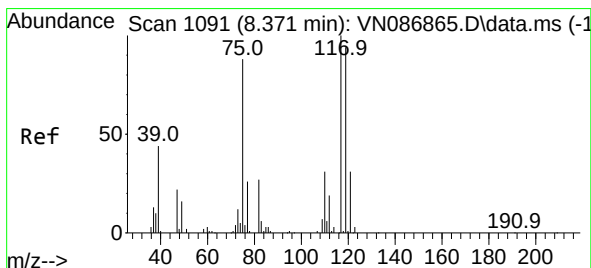
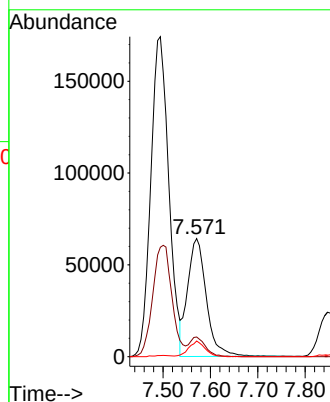
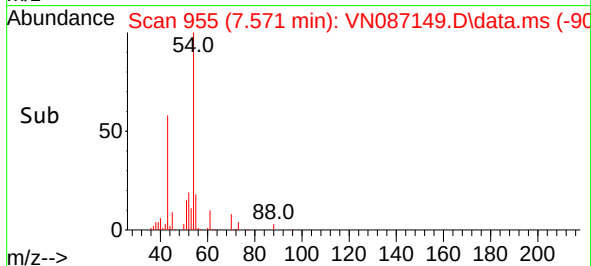
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 176549
Ion Ratio Lower Upper
43 100
61 14.3 12.1 18.1
70 11.5 9.8 14.6

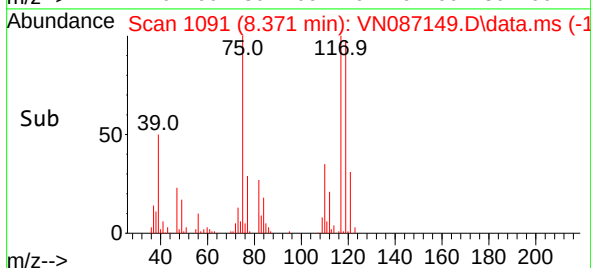
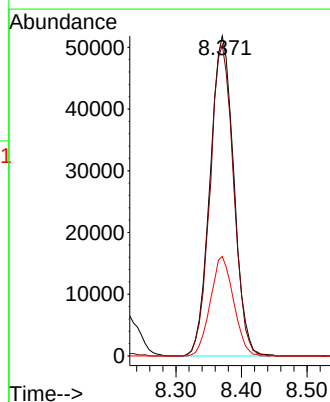
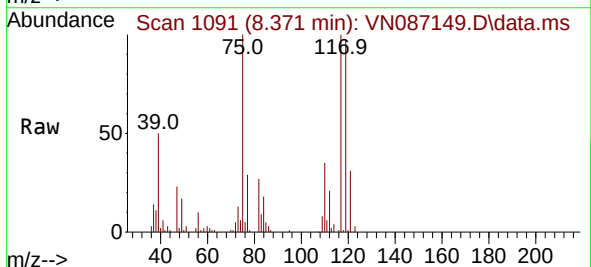
Manual Integrations
APPROVED

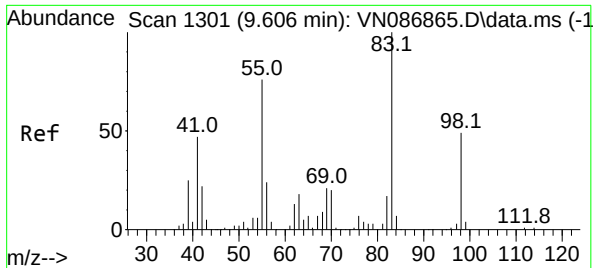
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#38
Carbon Tetrachloride
Concen: 54.967 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion:117 Resp: 130082
Ion Ratio Lower Upper
117 100
119 97.2 75.0 112.6
121 31.1 24.9 37.3





#39

Methylcyclohexane

Concen: 52.737 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 17416

Ion Ratio Lower Upper

83 100

55 74.9 61.0 91.6

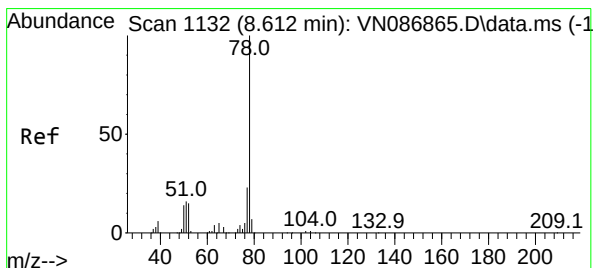
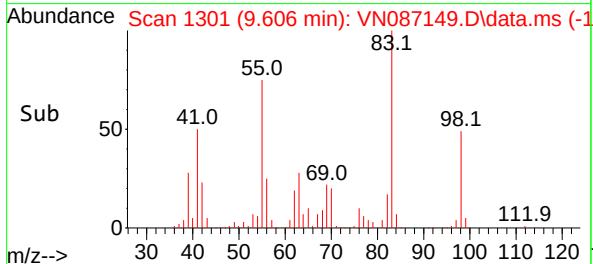
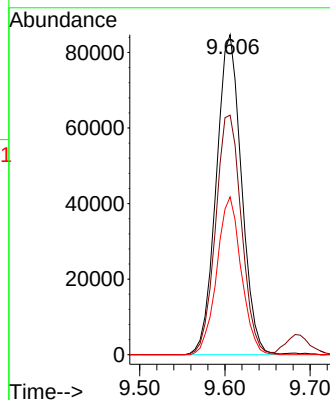
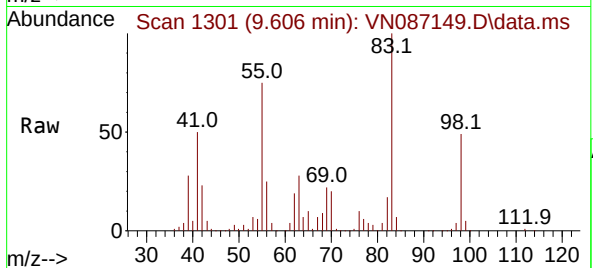
98 49.3 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#40

Benzene

Concen: 57.551 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087149.D

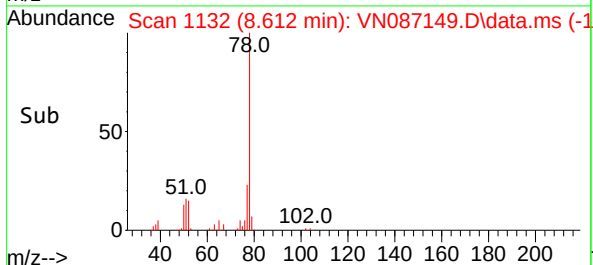
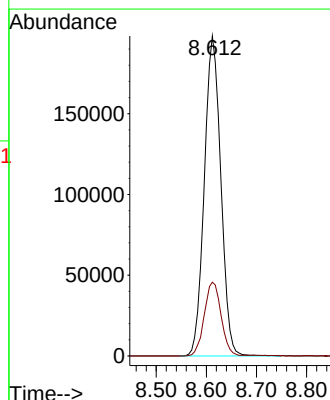
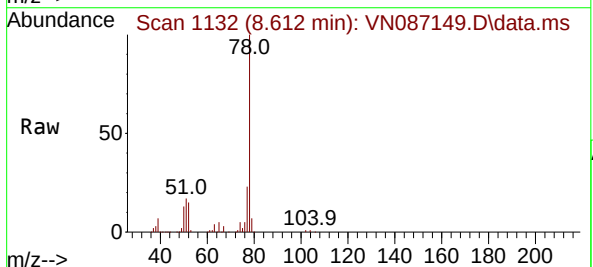
Acq: 24 Jun 2025 11:14

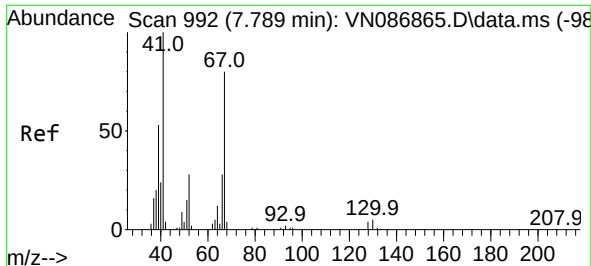
Tgt Ion: 78 Resp: 453640

Ion Ratio Lower Upper

78 100

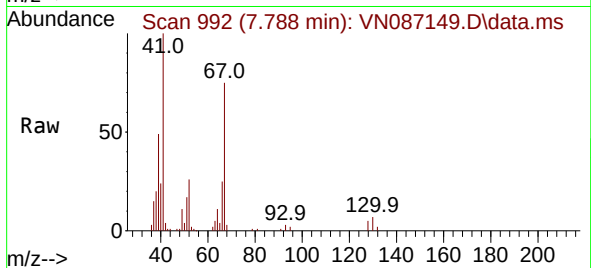
77 23.1 18.7 28.1





#41
Methacrylonitrile
Concen: 53.498 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

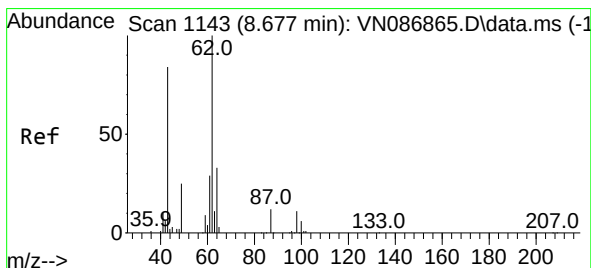
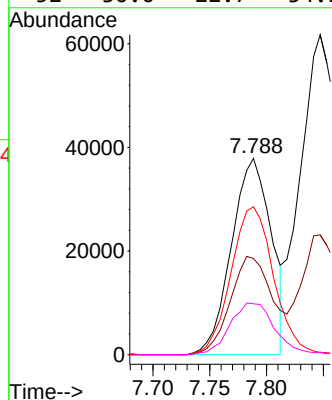
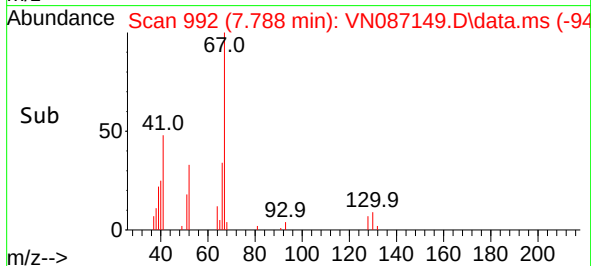
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	92194
Ion Ratio	100	Lower	Upper
39	54.0	41.2	61.8
67	81.1	61.4	92.2
52	30.0	22.7	34.1

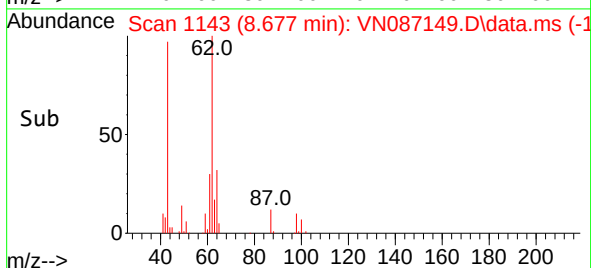
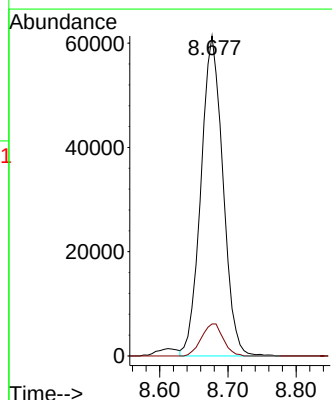
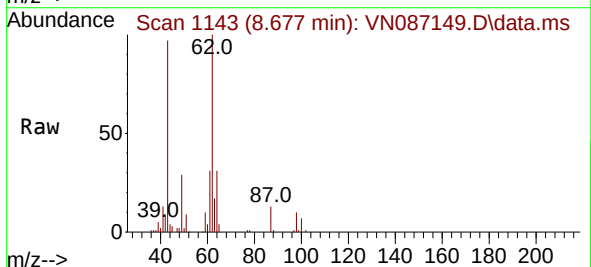
Manual Integrations
APPROVED

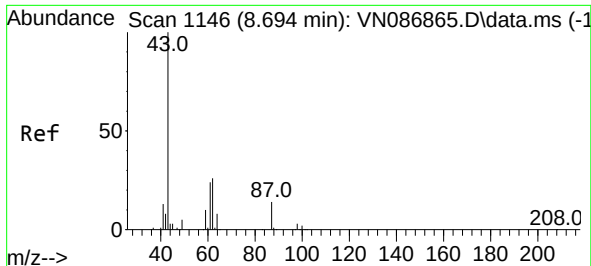
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#42
1,2-Dichloroethane
Concen: 57.615 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

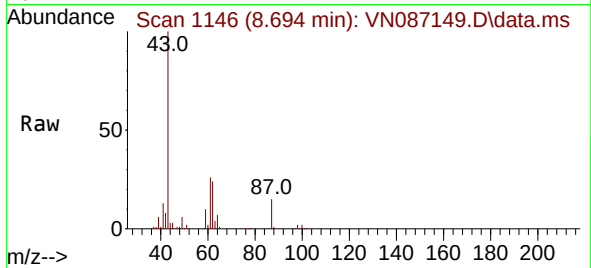
Tgt Ion:	62	Resp:	137745
Ion Ratio	100	Lower	Upper
98	9.9	0.0	21.2





#43
Isopropyl Acetate
Concen: 56.931 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

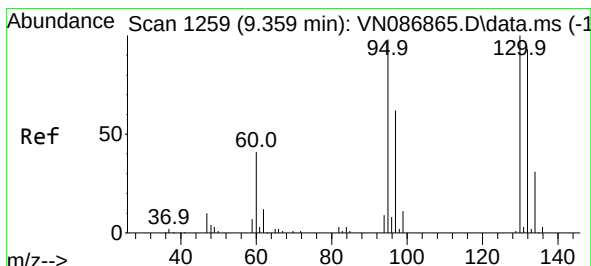
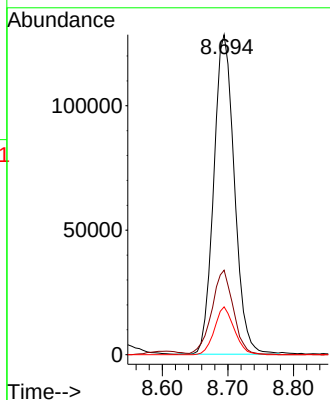
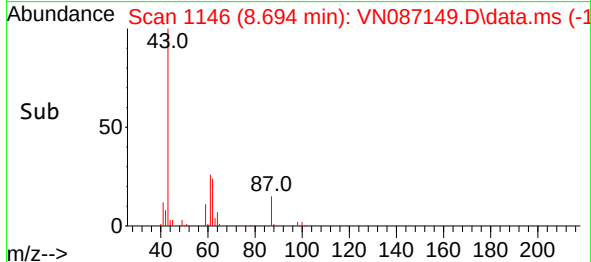
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 280389
Ion Ratio Lower Upper
43 100
61 27.8 22.1 33.1
87 14.4 11.8 17.6

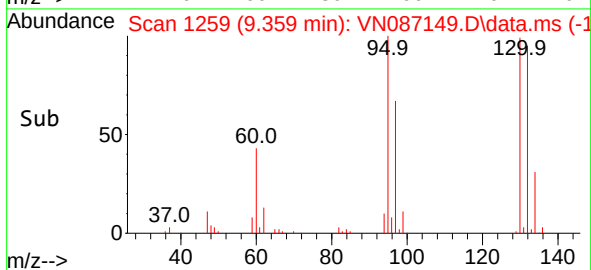
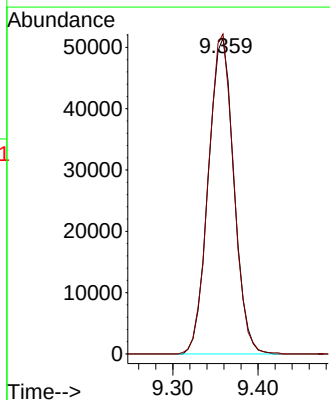
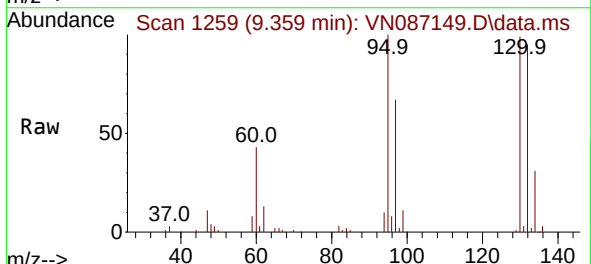
Manual Integrations
APPROVED

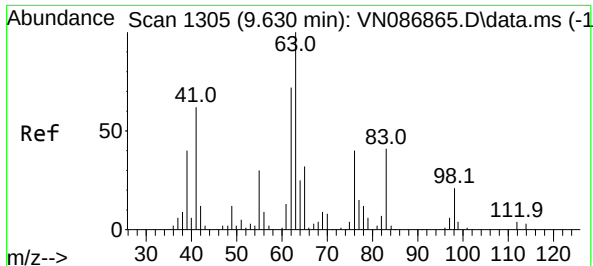
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#44
Trichloroethene
Concen: 57.351 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion:130 Resp: 107191
Ion Ratio Lower Upper
130 100
95 101.3 0.0 196.2





#45

1,2-Dichloropropane

Concen: 63.154 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 121109

Ion Ratio Lower Upper

63 100

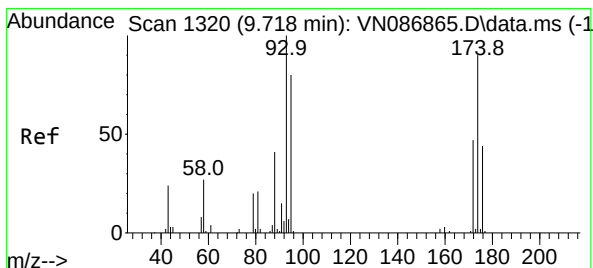
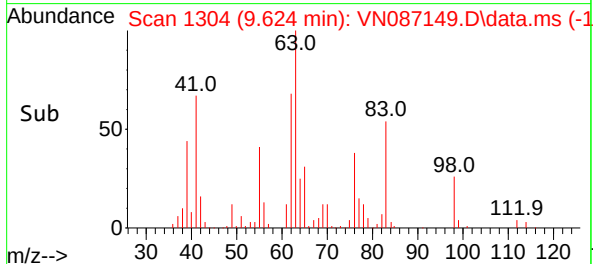
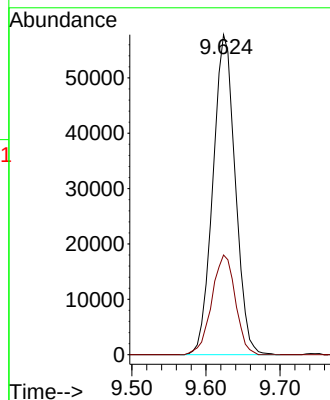
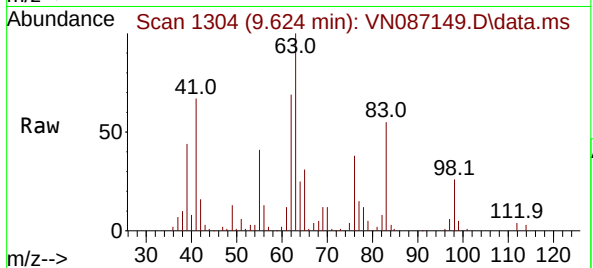
65 31.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#46

Dibromomethane

Concen: 63.534 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

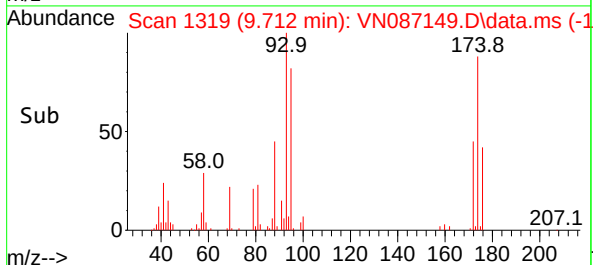
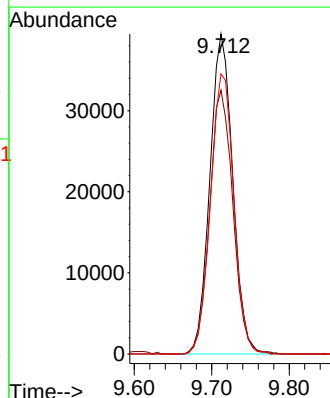
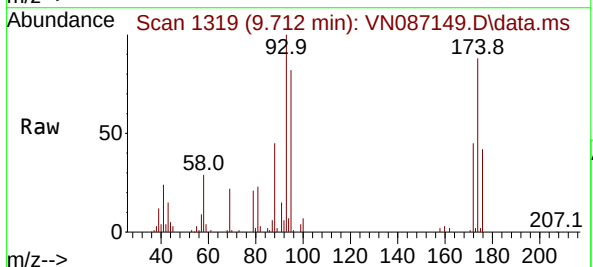
Tgt Ion: 93 Resp: 80926

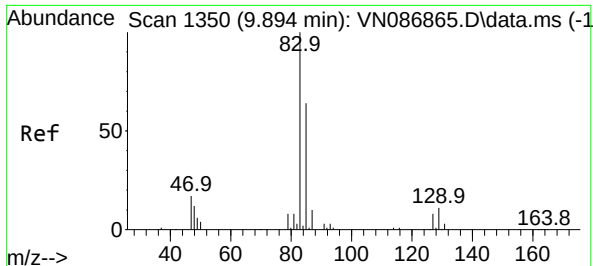
Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

174 88.9 74.2 111.4





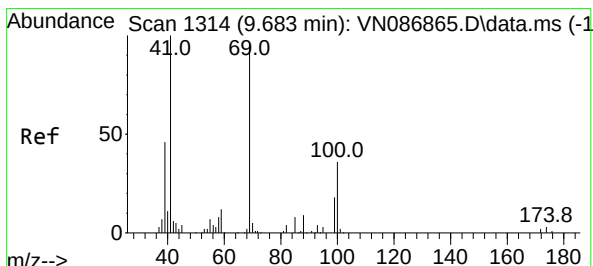
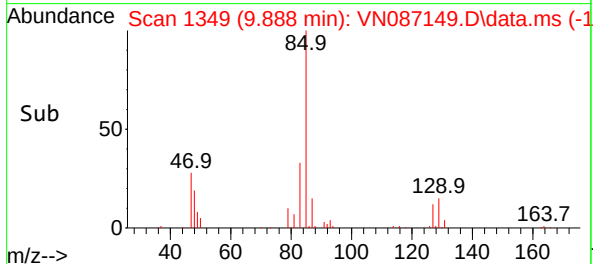
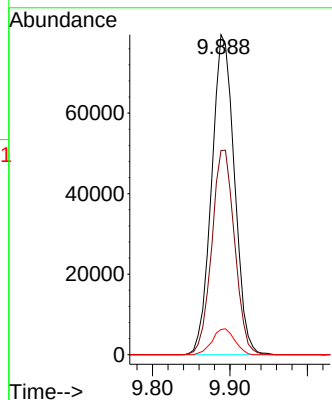
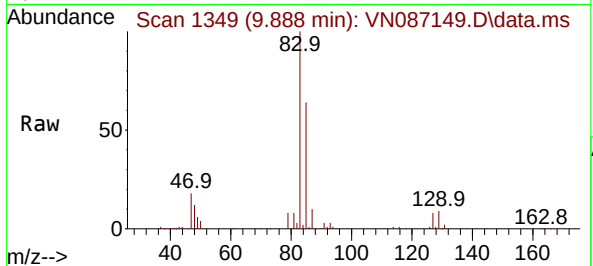
#47
Bromodichloromethane
Concen: 61.949 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 16235
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 7.9 6.6 10.0

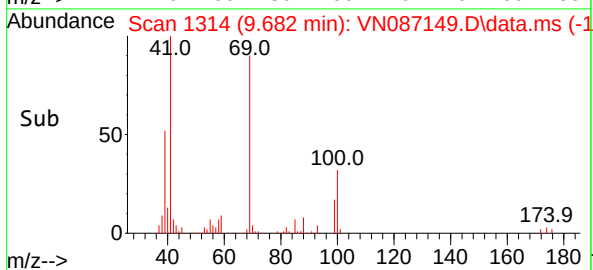
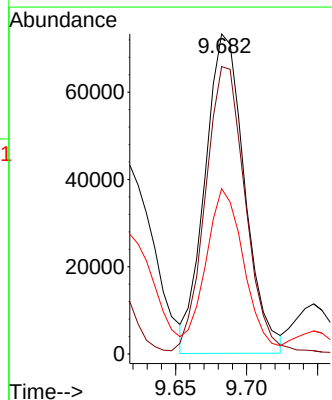
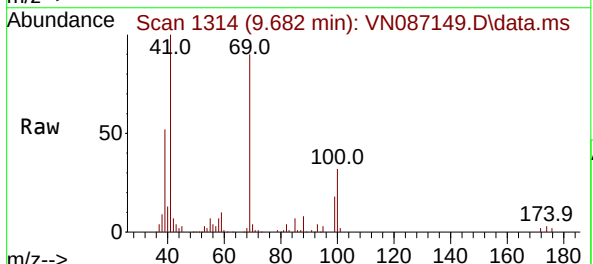
Manual Integrations
APPROVED

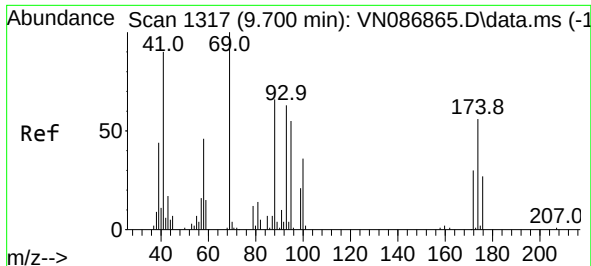
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#48
Methyl methacrylate
Concen: 62.811 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion: 41 Resp: 142381
Ion Ratio Lower Upper
41 100
69 90.5 74.6 112.0
39 50.1 40.2 60.4





#49

1,4-Dioxane

Concen: 1135.322 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 46819

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

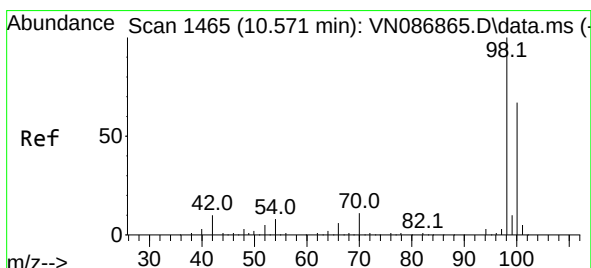
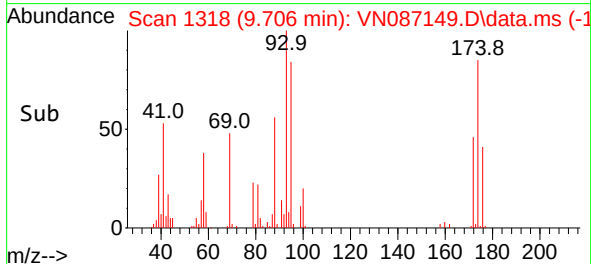
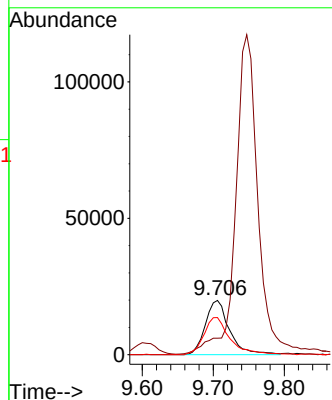
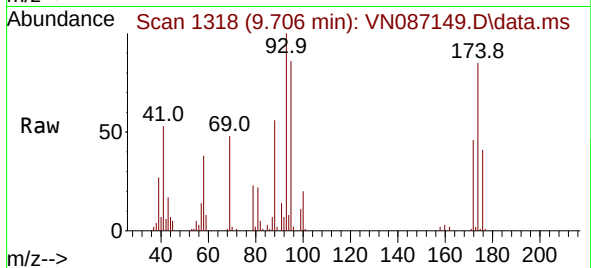
58 74.6 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#50

Toluene-d8

Concen: 51.344 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN087149.D

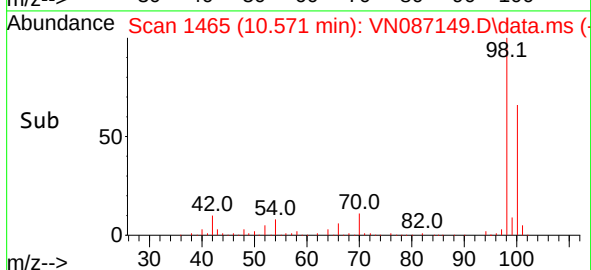
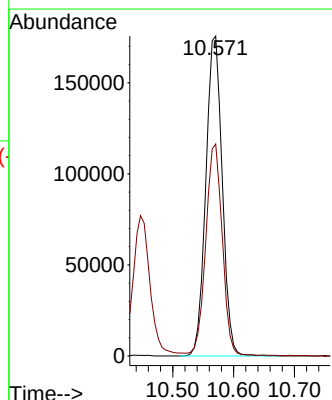
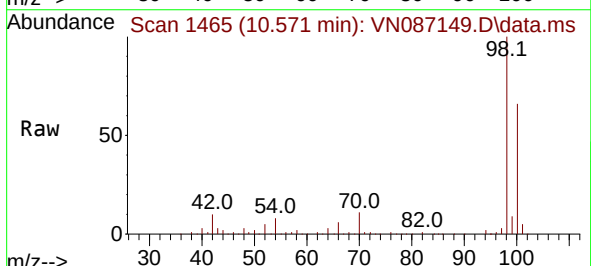
Acq: 24 Jun 2025 11:14

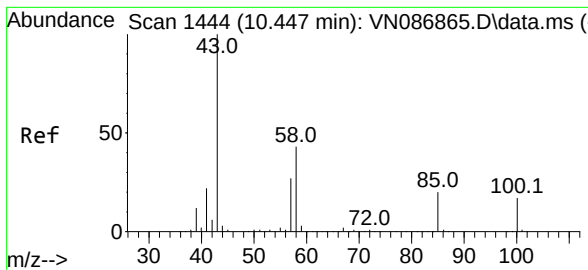
Tgt Ion: 98 Resp: 328802

Ion Ratio Lower Upper

98 100

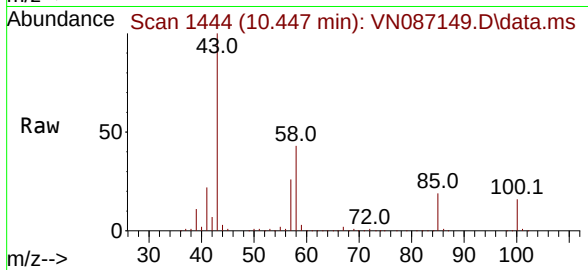
100 66.3 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 320.127 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

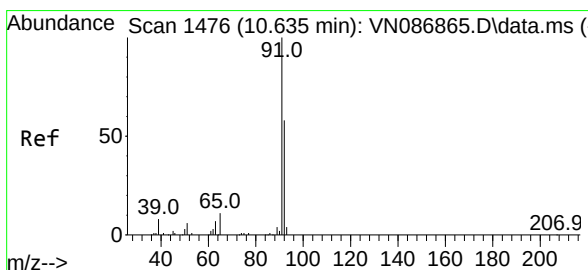
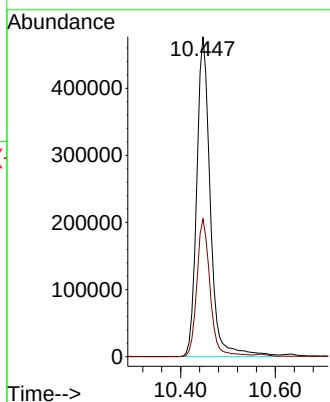
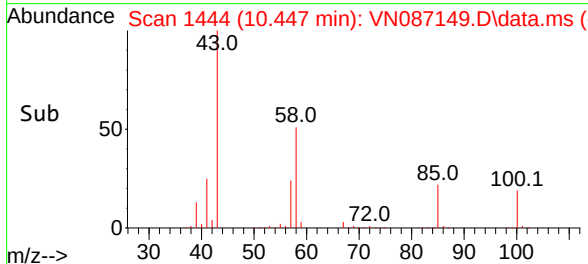
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



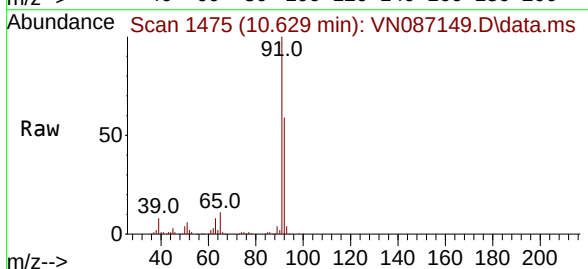
Tgt Ion: 43 Resp: 949150
Ion Ratio Lower Upper
43 100
58 42.0 34.2 51.4

Manual Integrations
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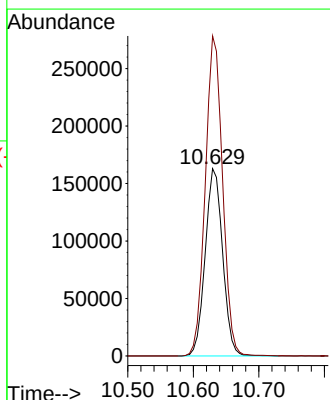
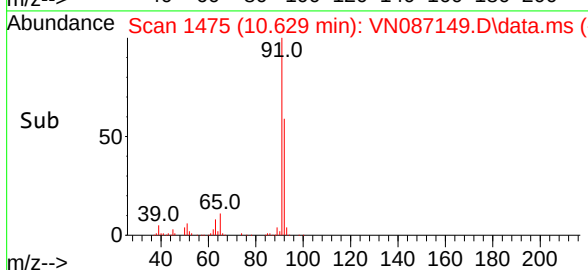
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

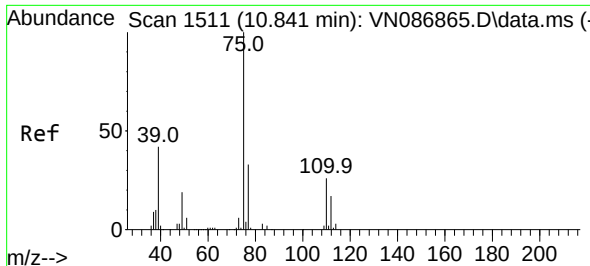


#52
Toluene
Concen: 62.654 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14



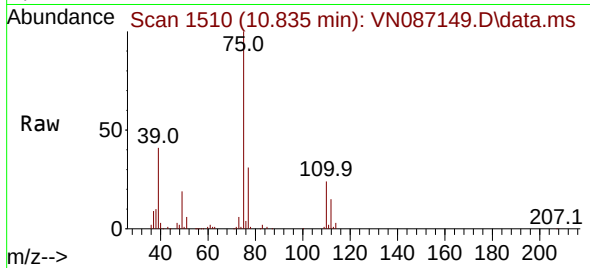
Tgt Ion: 92 Resp: 301813
Ion Ratio Lower Upper
92 100
91 169.3 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 63.778 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

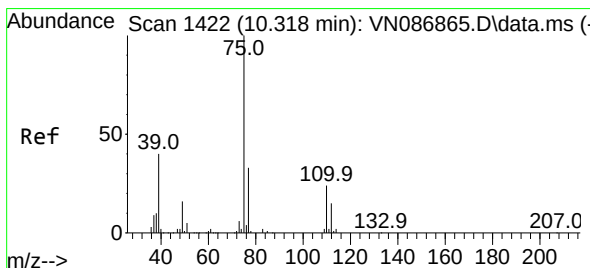
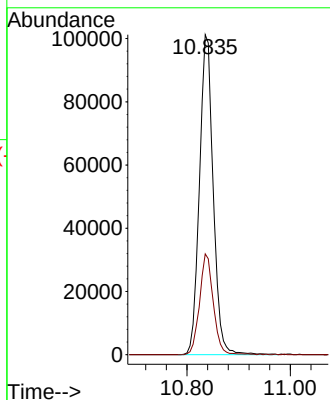
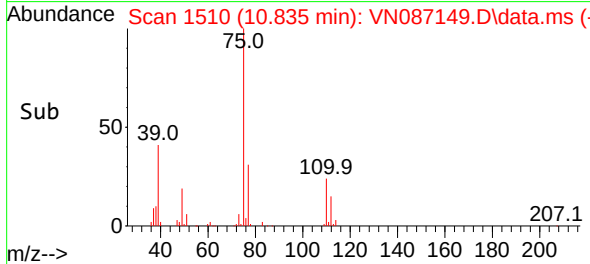
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 186898
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6

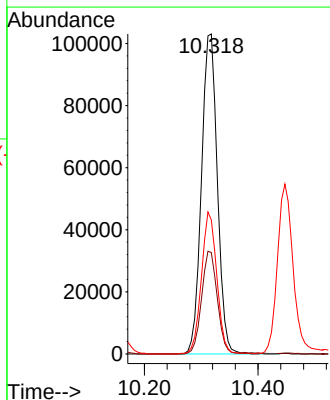
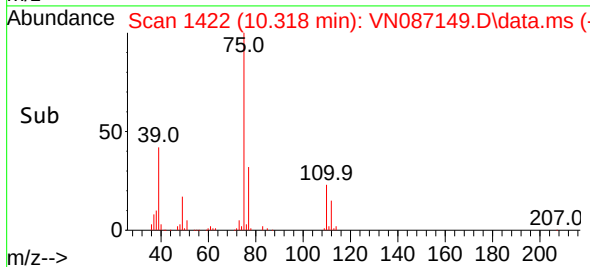
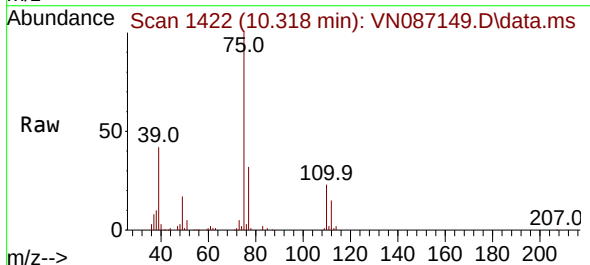
Manual Integrations
APPROVED

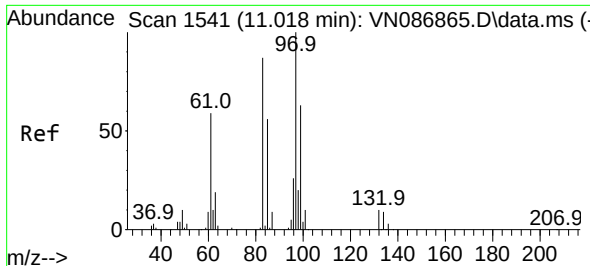
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#54
cis-1,3-Dichloropropene
Concen: 63.843 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

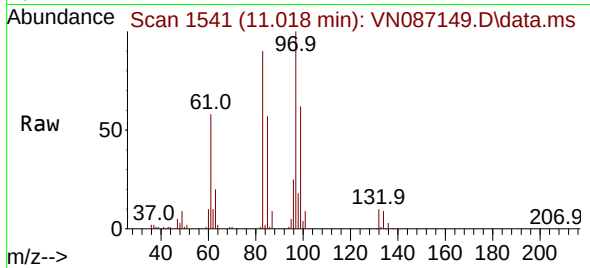
Tgt Ion: 75 Resp: 200180
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.4
39 41.9 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 61.413 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

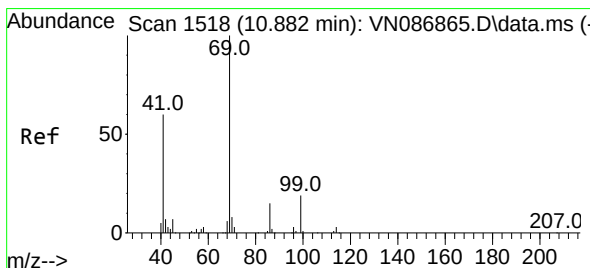
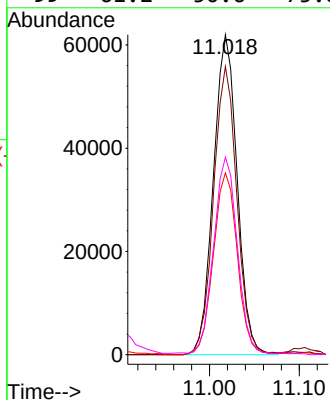
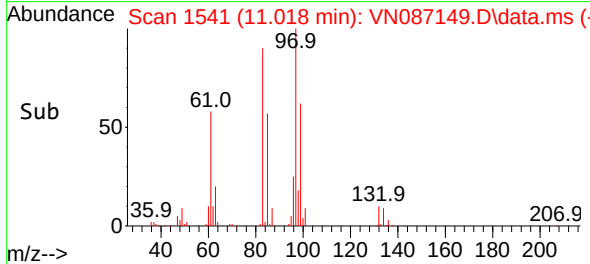
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 11383
Ion Ratio Lower Upper
97 100
83 90.0 69.7 104.5
85 56.8 45.1 67.7
99 61.2 50.6 75.8

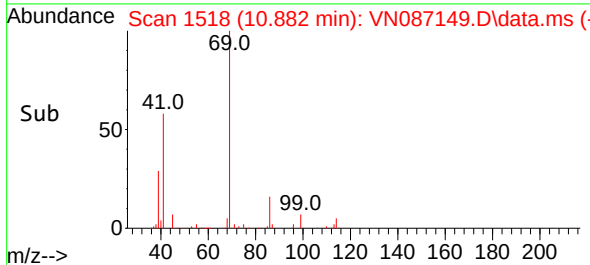
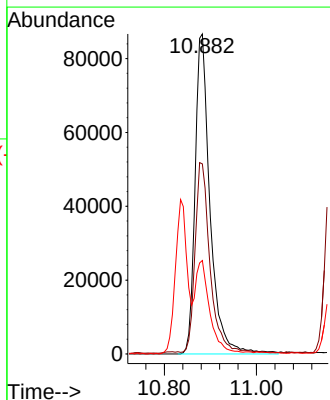
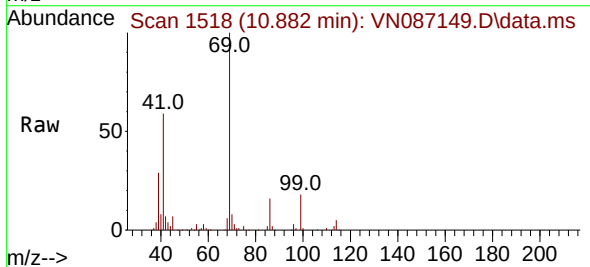
Manual Integrations
APPROVED

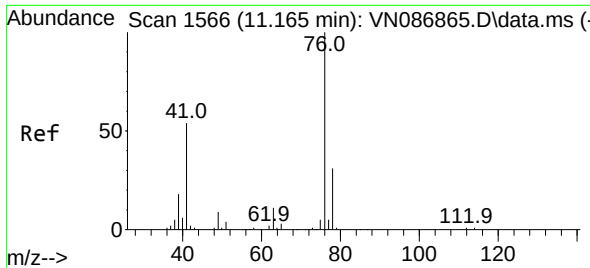
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#56
Ethyl methacrylate
Concen: 66.282 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

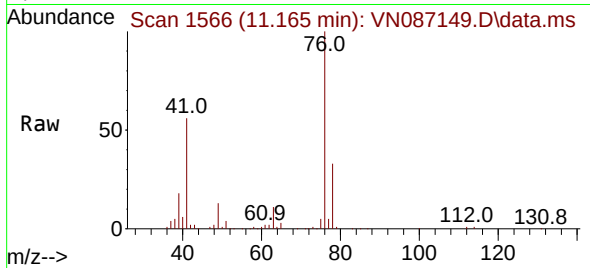
Tgt Ion: 69 Resp: 195680
Ion Ratio Lower Upper
69 100
41 58.9 47.2 70.8
39 27.6 23.0 34.6





#57
1,3-Dichloropropane
Concen: 62.363 ug/l
RT: 11.165 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

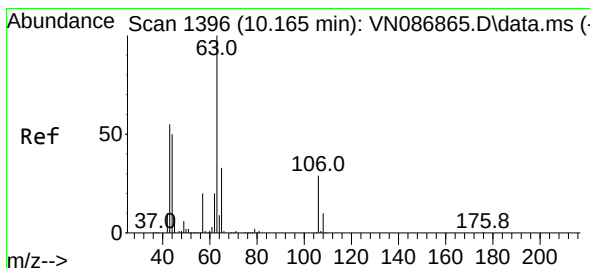
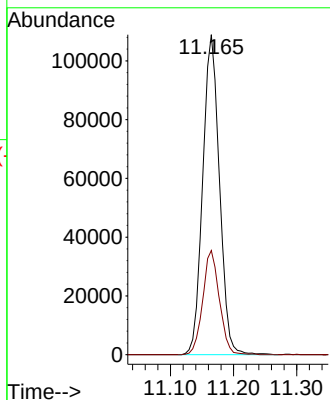
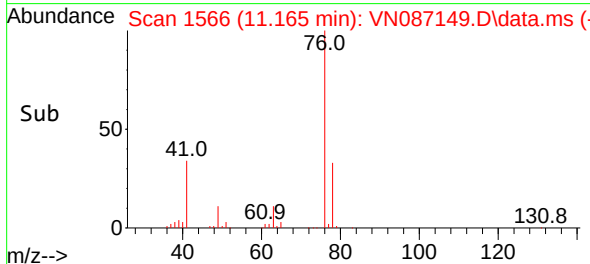
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 20052
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

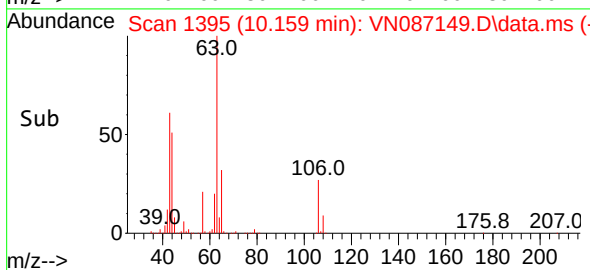
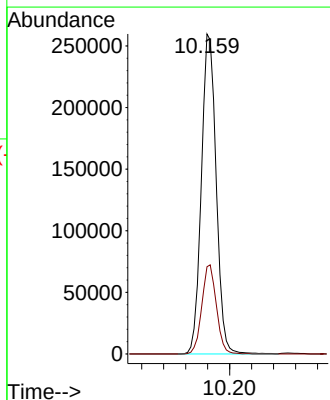
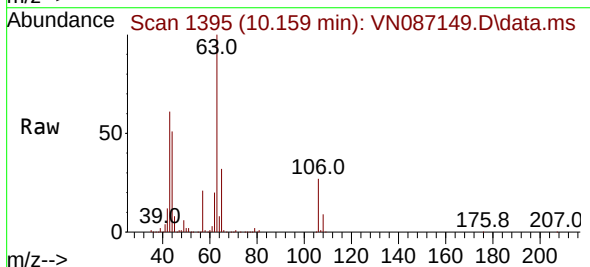
Manual Integrations
APPROVED

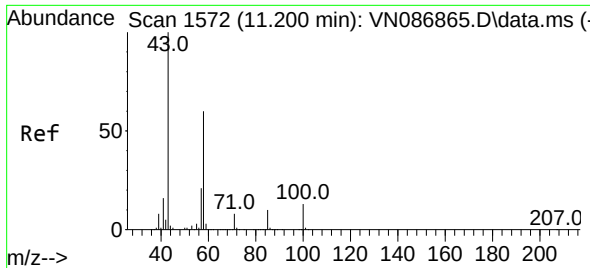
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 276.060 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

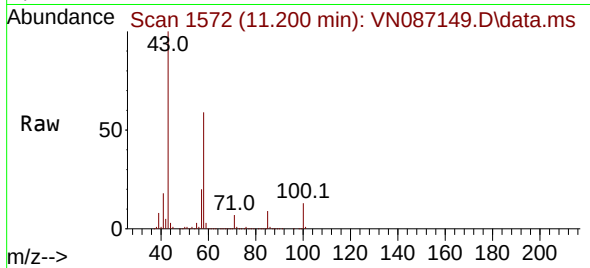
Tgt Ion: 63 Resp: 486105
Ion Ratio Lower Upper
63 100
106 27.3 23.0 34.6





#59
2-Hexanone
Concen: 322.428 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

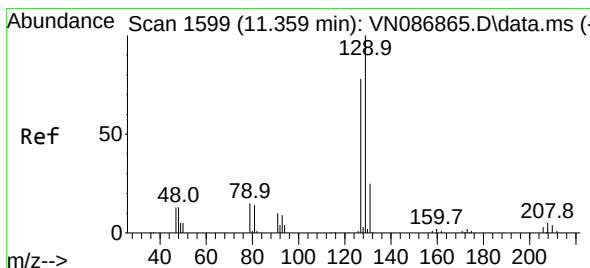
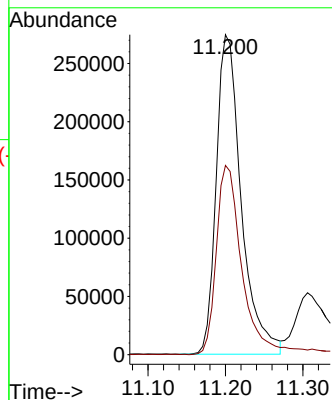
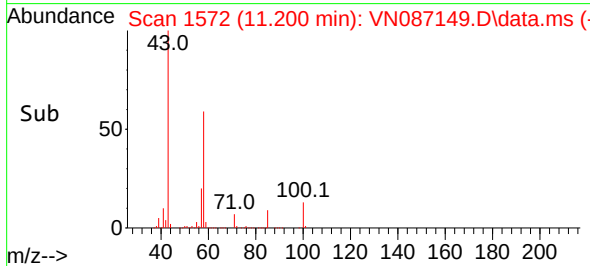
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 61577
Ion Ratio Lower Upper
43 100
58 62.6 30.4 91.3

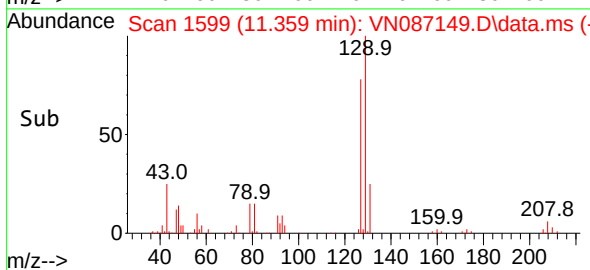
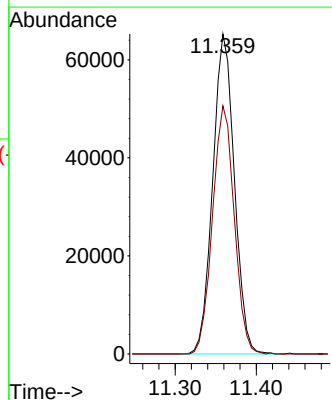
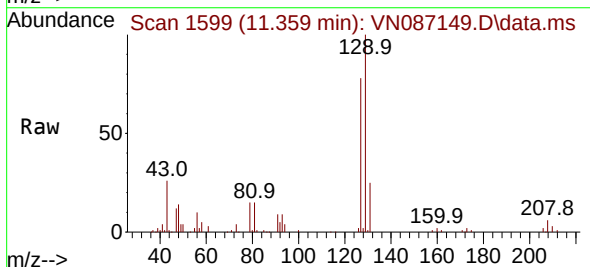
Manual Integrations
APPROVED

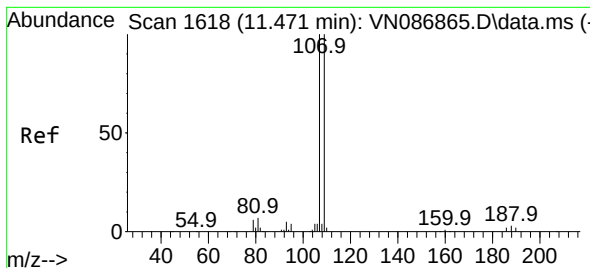
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#60
Dibromochloromethane
Concen: 62.530 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

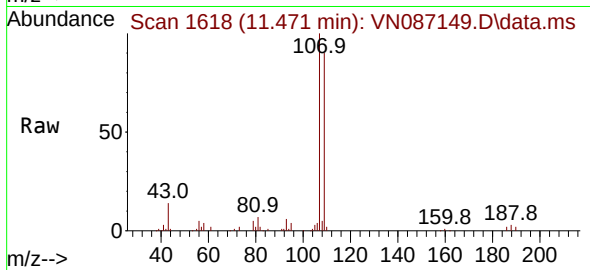
Tgt Ion:129 Resp: 120756
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 62.293 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

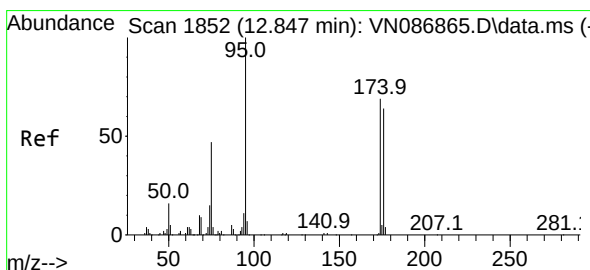
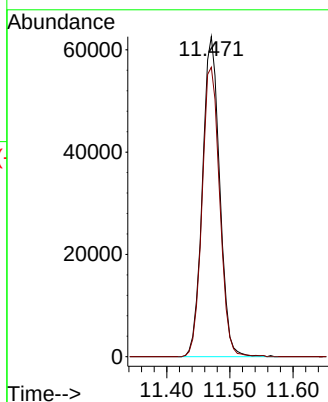
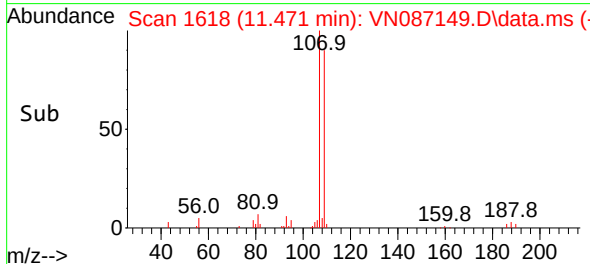
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



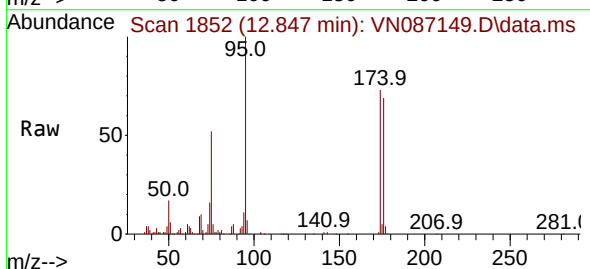
Tgt Ion:107 Resp: 11834
Ion Ratio Lower Upper
107 100
109 92.4 76.3 114.5

Manual Integrations
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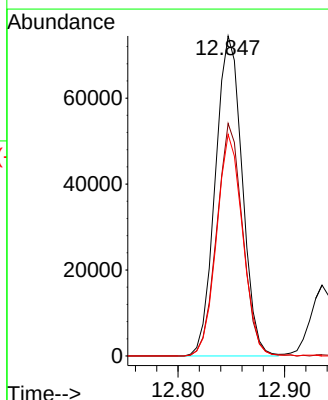
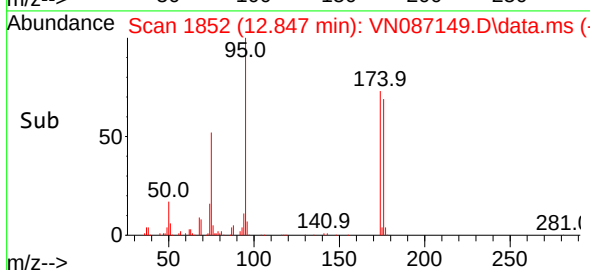
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

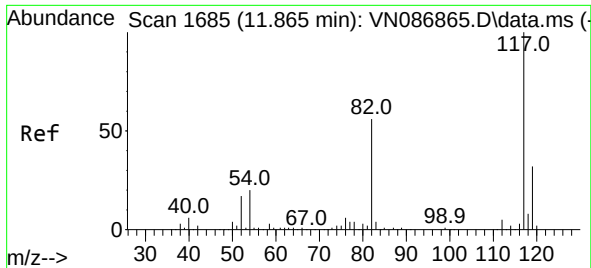


#62
4-Bromofluorobenzene
Concen: 54.739 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14



Tgt Ion: 95 Resp: 130238
Ion Ratio Lower Upper
95 100
174 69.9 0.0 141.8
176 67.3 0.0 132.6





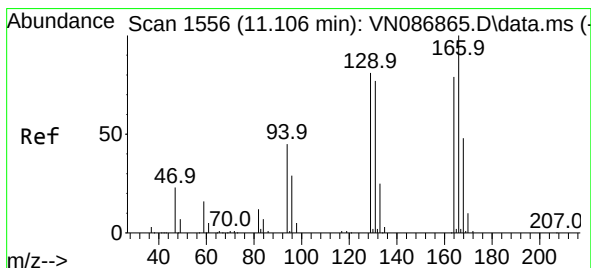
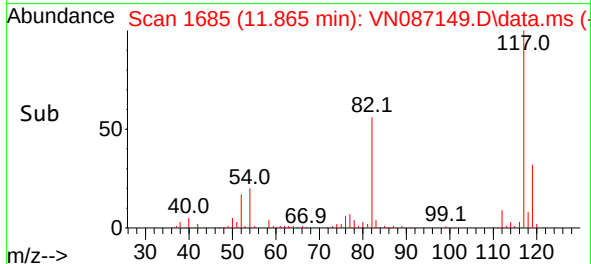
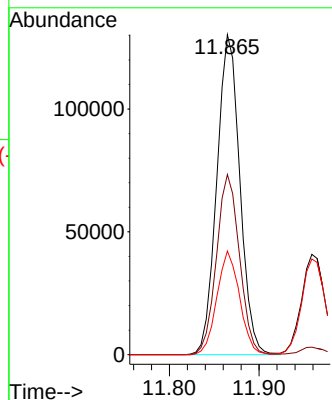
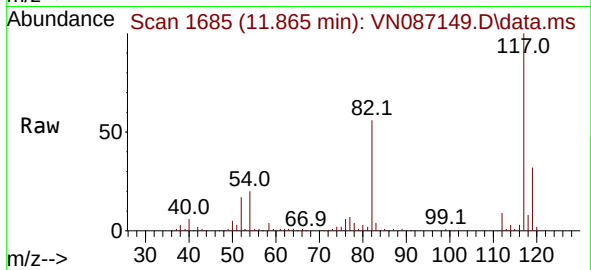
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 232699
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 32.4 25.5 38.3

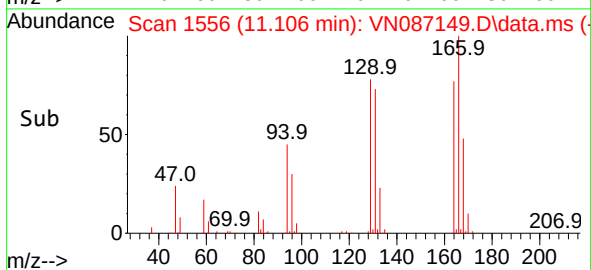
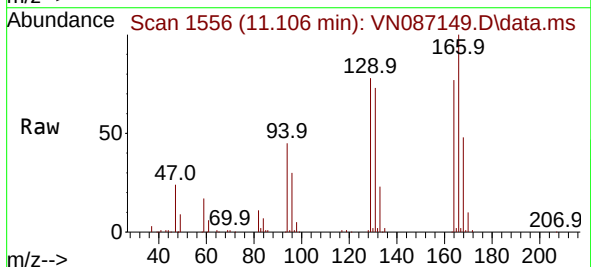
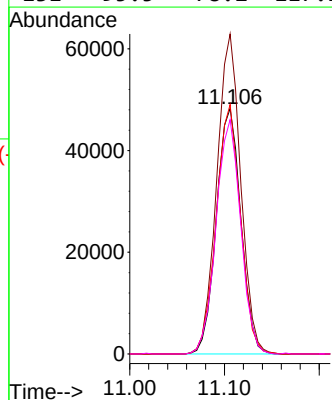
Manual Integrations
APPROVED

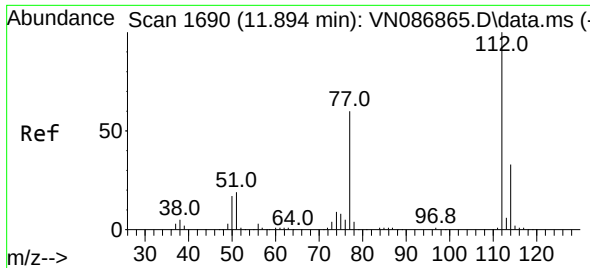
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#64
Tetrachloroethene
Concen: 58.842 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion:164 Resp: 86655
Ion Ratio Lower Upper
164 100
166 130.4 101.8 152.8
129 101.6 83.0 124.4
131 95.5 78.2 117.2





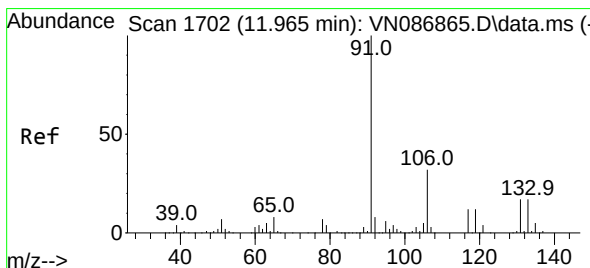
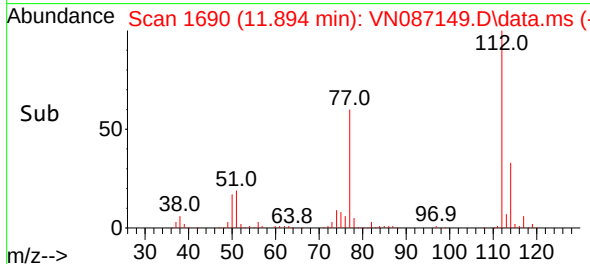
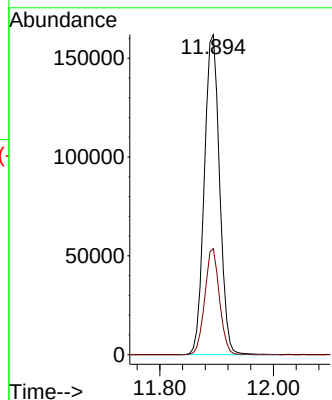
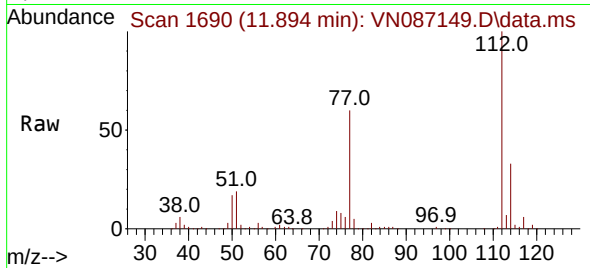
#65
Chlorobenzene
Concen: 58.749 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 301514
Ion Ratio Lower Upper
112 100
114 33.1 26.2 39.2

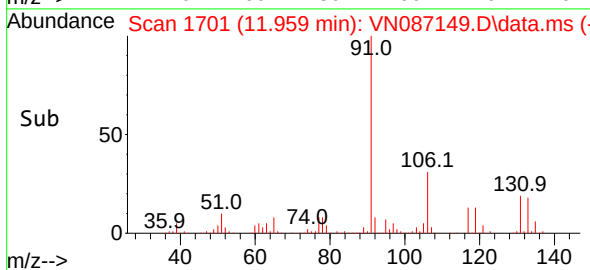
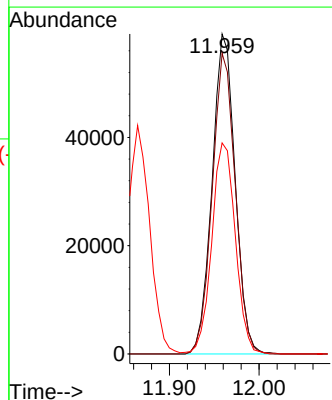
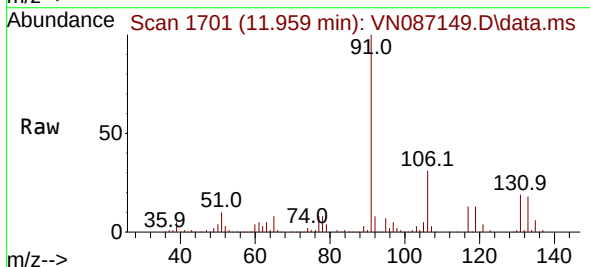
Manual Integrations
APPROVED

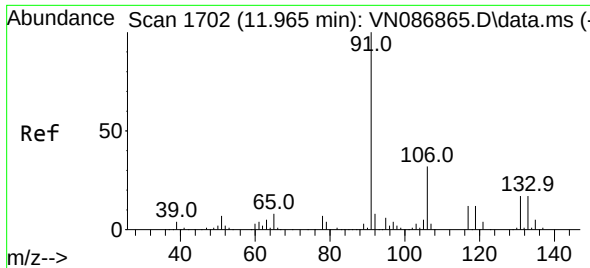
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 63.827 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion:131 Resp: 105299
Ion Ratio Lower Upper
131 100
133 94.1 48.3 144.8
119 67.7 34.0 101.8





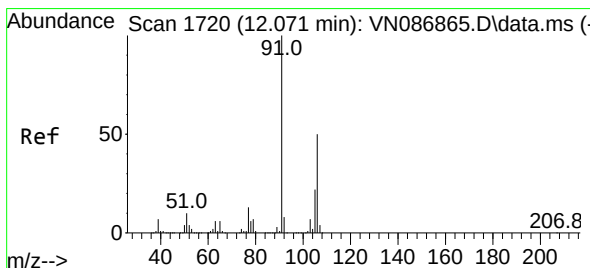
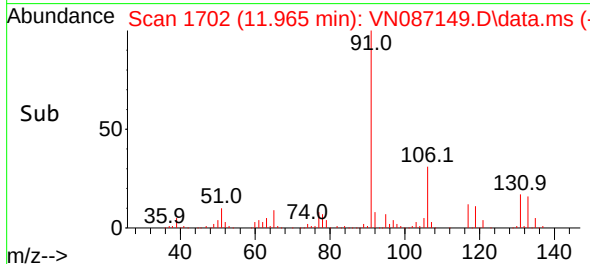
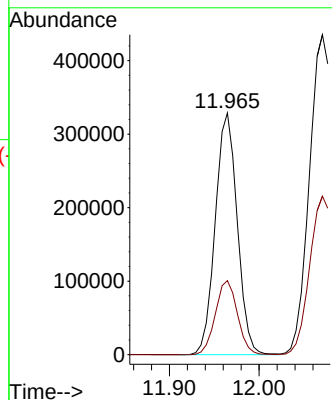
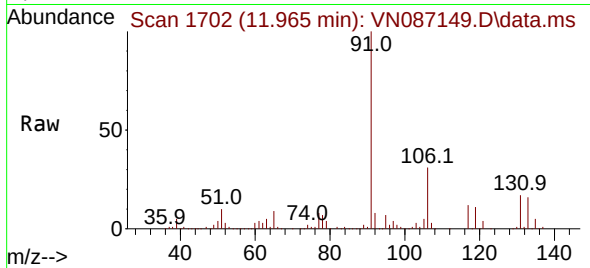
#67
Ethyl Benzene
Concen: 63.230 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 558969
Ion Ratio Lower Upper
91 100
106 30.6 25.4 38.2

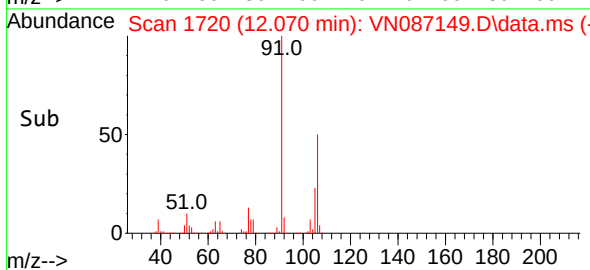
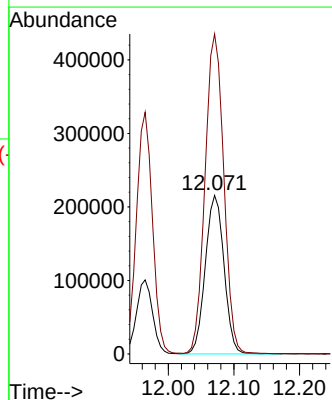
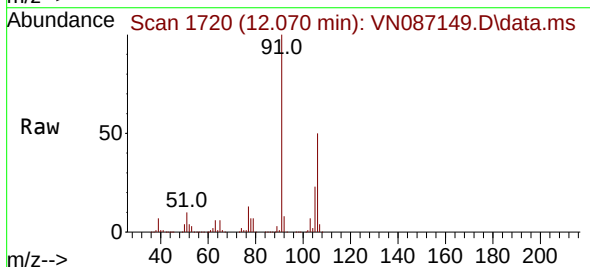
Manual Integrations
APPROVED

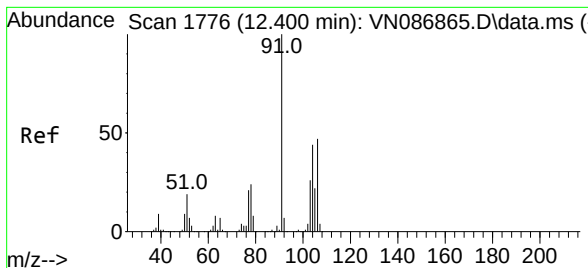
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#68
m/p-Xylenes
Concen: 126.501 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion:106 Resp: 428084
Ion Ratio Lower Upper
106 100
91 201.5 159.4 239.0





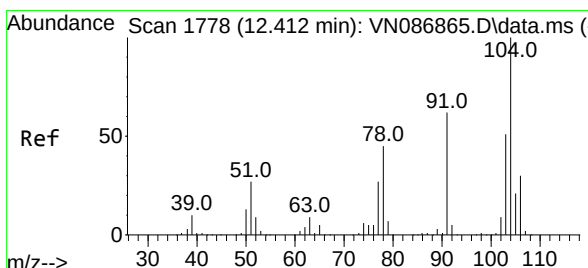
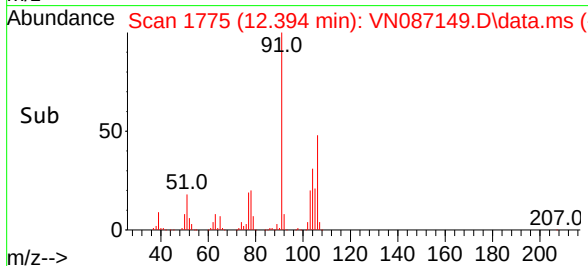
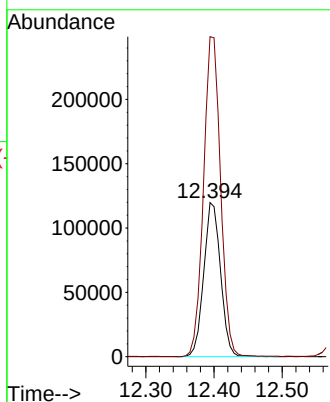
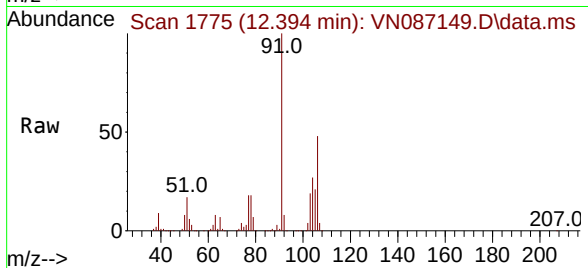
#69
o-Xylene
Concen: 63.276 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 205080
Ion Ratio Lower Upper
106 100
91 211.4 106.1 318.1

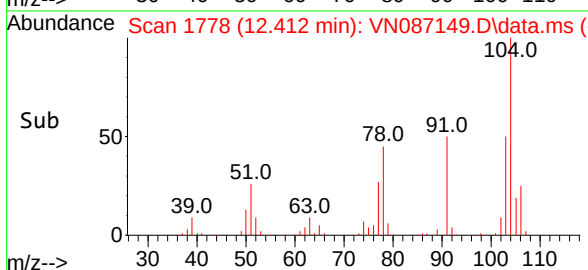
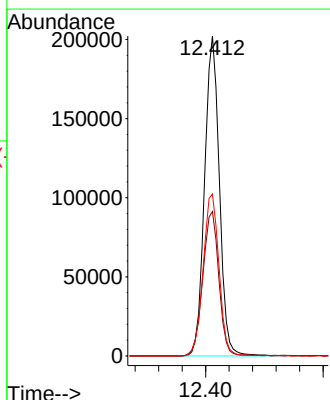
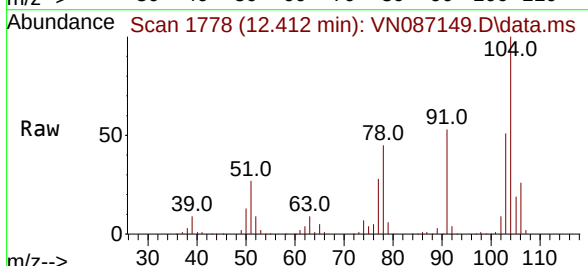
Manual Integrations
APPROVED

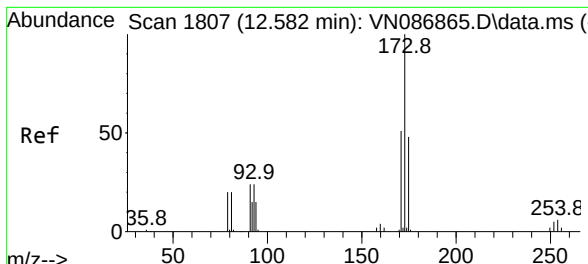
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#70
Styrene
Concen: 63.553 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion:104 Resp: 352463
Ion Ratio Lower Upper
104 100
78 48.9 38.5 57.7
103 54.4 43.1 64.7





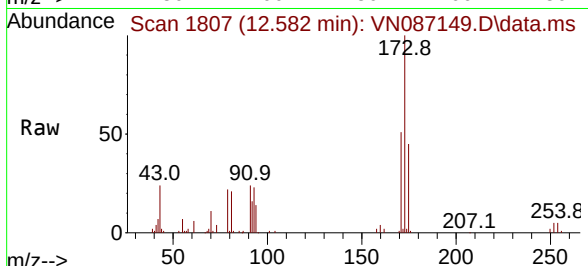
#71
 Bromoform
 Concen: 68.611 ug/l
 RT: 12.582 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

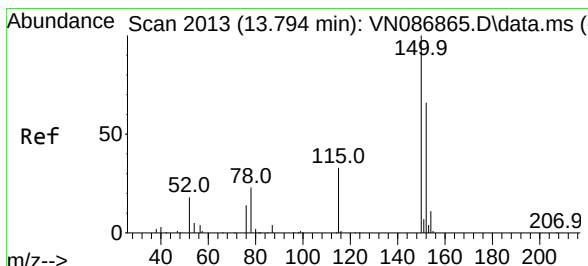
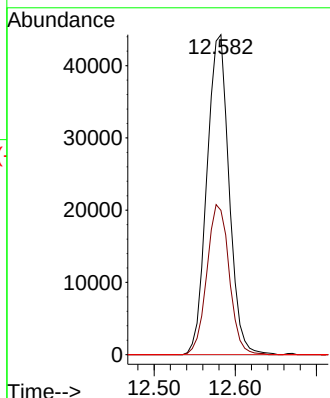
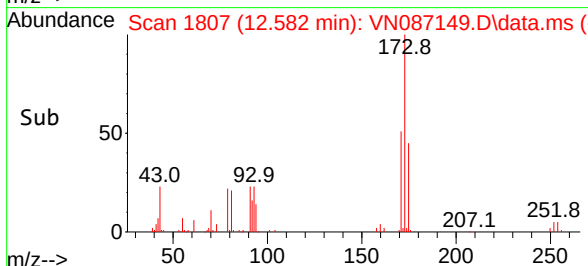


Tgt Ion:173 Resp: 8386
 Ion Ratio Lower Upper
 173 100
 175 47.4 24.1 72.4
 254 0.0 0.0 0.0

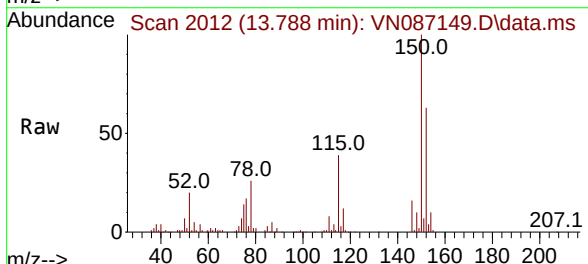
Manual Integrations

APPROVED

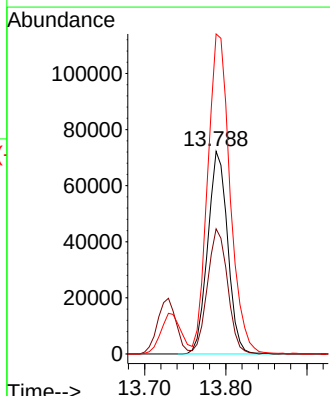
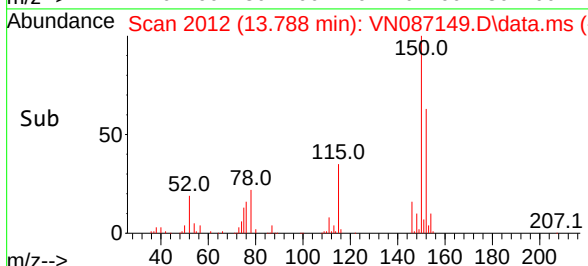
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/25/2025

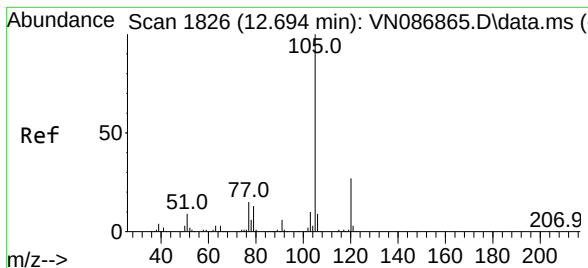


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.006 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14



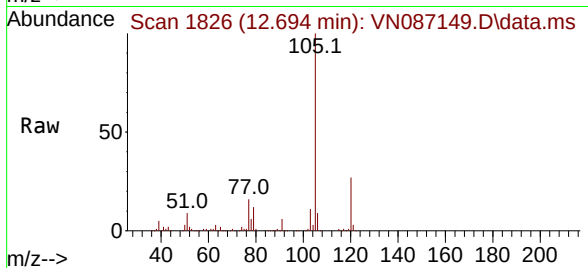
Tgt Ion:152 Resp: 123154
 Ion Ratio Lower Upper
 152 100
 115 62.2 30.1 90.5
 150 177.0 0.0 345.0





#73
Isopropylbenzene
Concen: 59.271 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

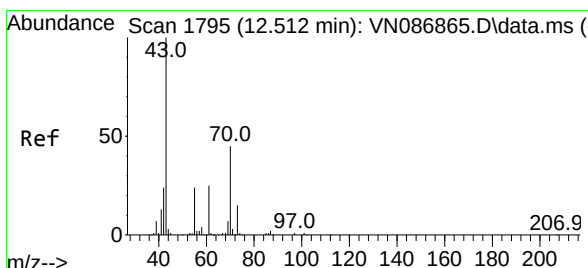
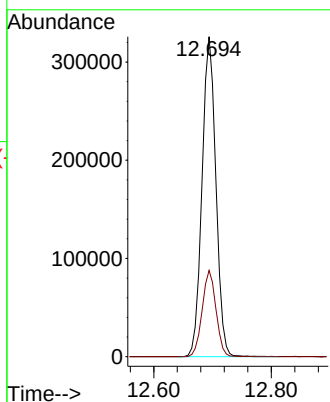
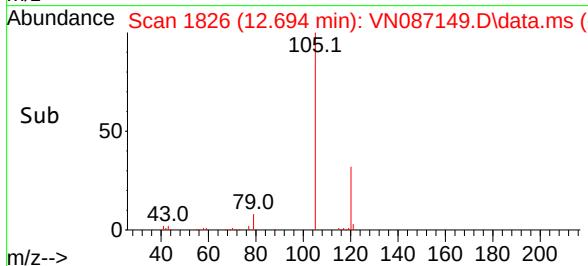
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



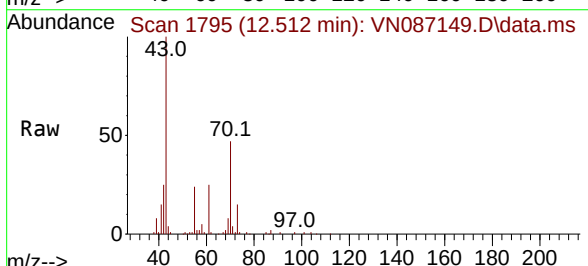
Tgt Ion:105 Resp: 531774
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

Manual Integrations
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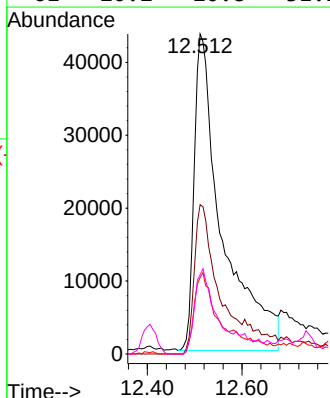
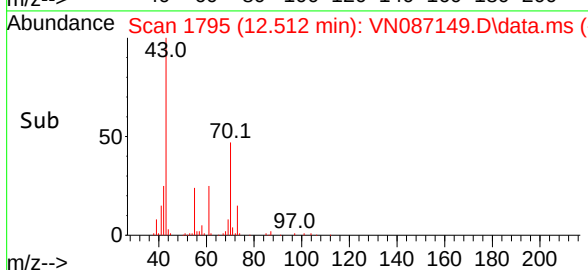
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

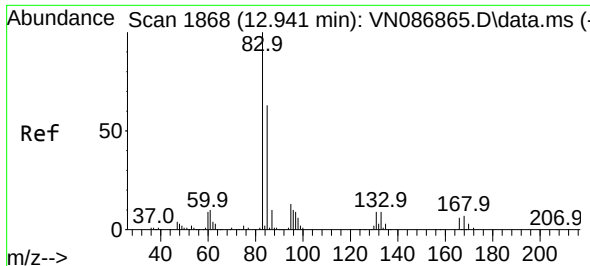


#74
N-ethyl acetate
Concen: 56.759 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14



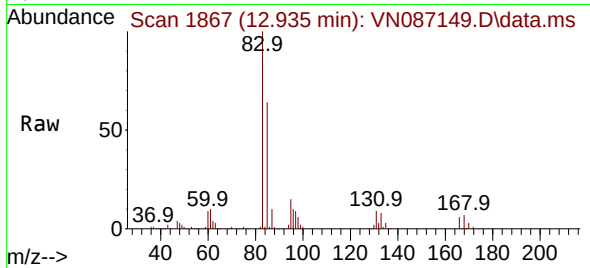
Tgt Ion: 43 Resp: 177947
Ion Ratio Lower Upper
43 100
70 39.0 37.6 56.4
55 25.4 19.0 28.6
61 20.2 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 62.304 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

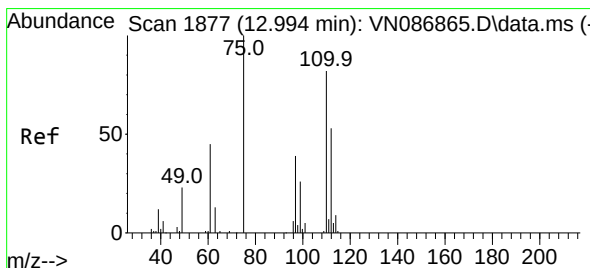
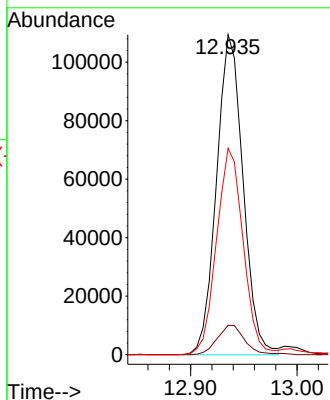
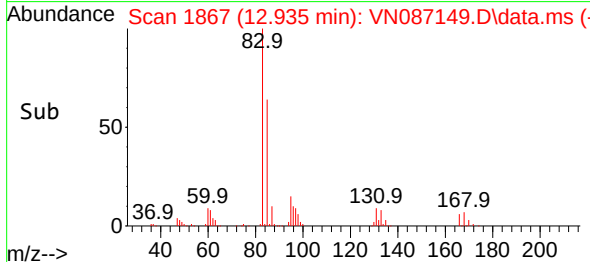
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 189370
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 64.8 32.0 96.0

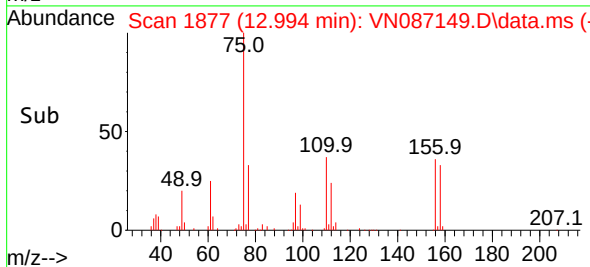
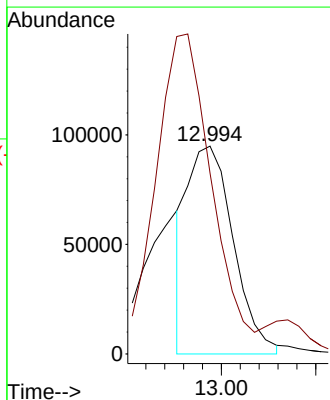
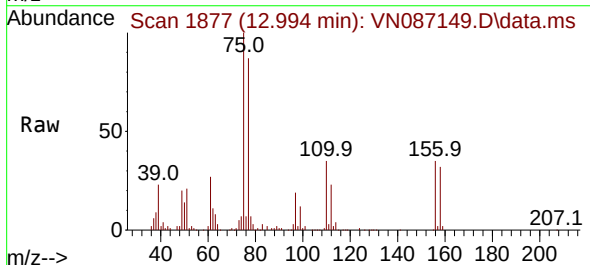
Manual Integrations
APPROVED

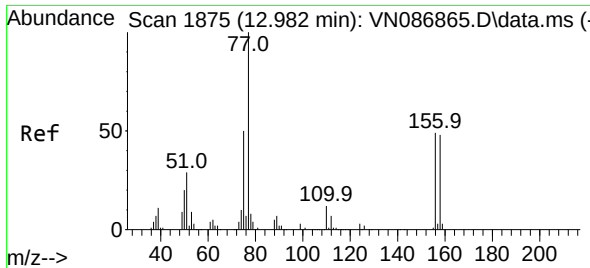
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#76
1,2,3-Trichloropropane
Concen: 54.799 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion: 75 Resp: 160418
Ion Ratio Lower Upper
75 100
77 188.1 79.3 237.9





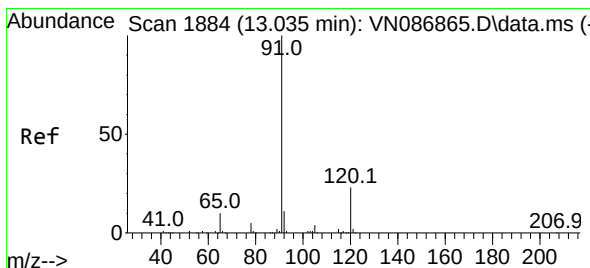
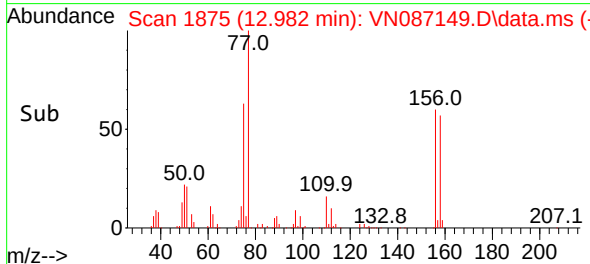
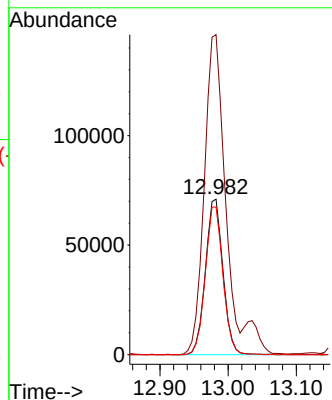
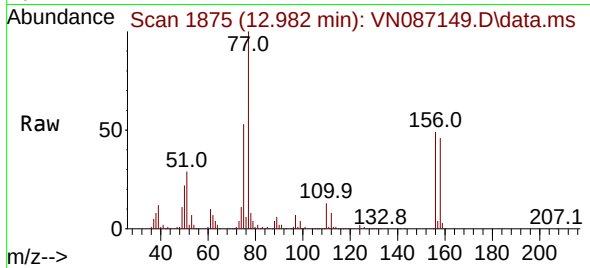
#77
Bromobenzene
Concen: 61.834 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 127228
Ion Ratio Lower Upper
156 100
77 237.1 117.7 353.1
158 95.6 48.1 144.4

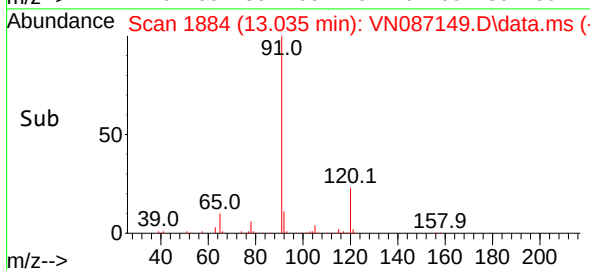
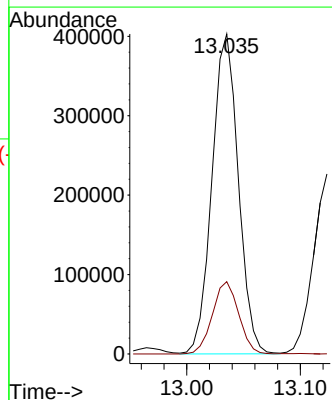
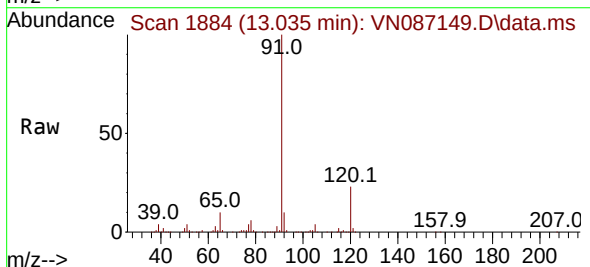
Manual Integrations
APPROVED

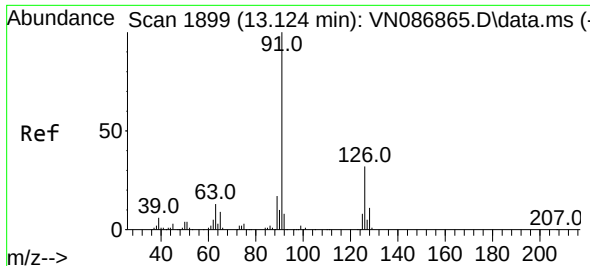
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#78
n-propylbenzene
Concen: 59.508 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion: 91 Resp: 648828
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.2





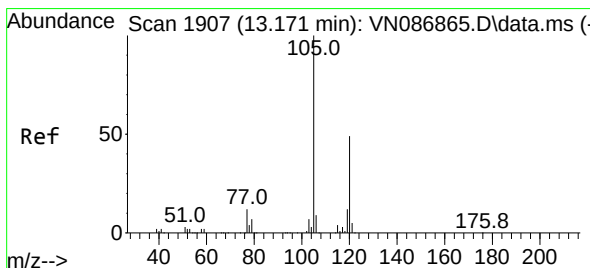
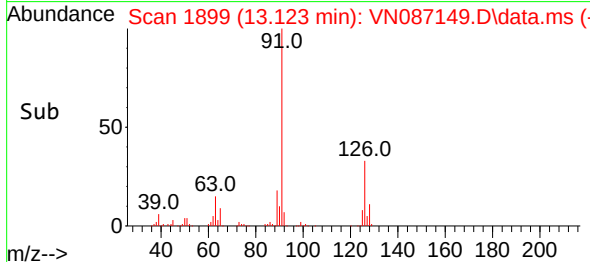
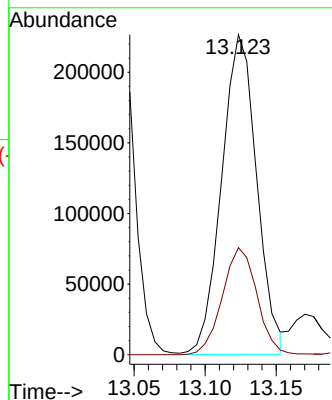
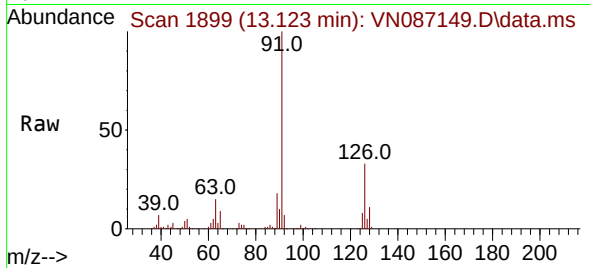
#79
2-Chlorotoluene
Concen: 59.474 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 38888
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.5

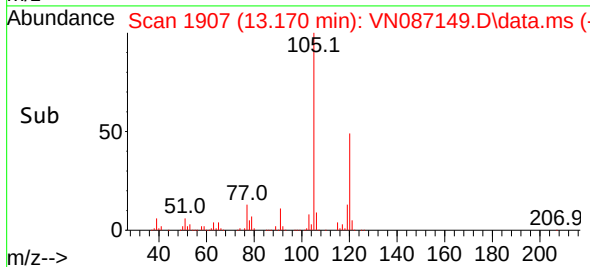
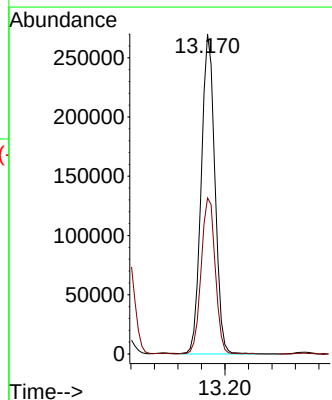
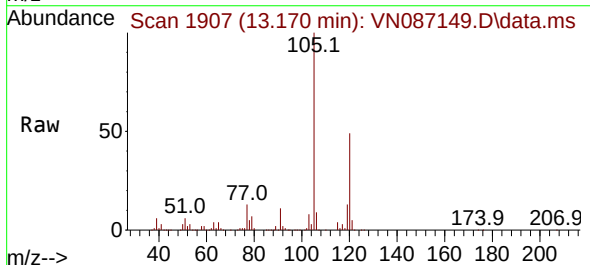
Manual Integrations
APPROVED

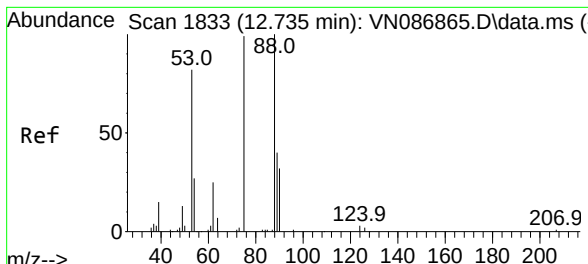
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 58.905 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

Tgt Ion:105 Resp: 436328
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.6



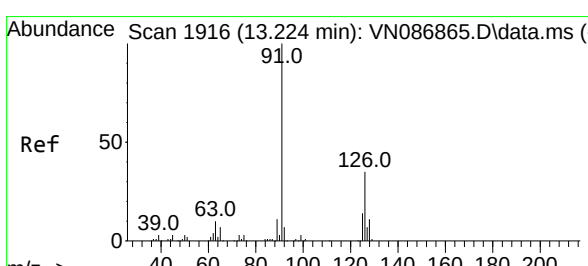
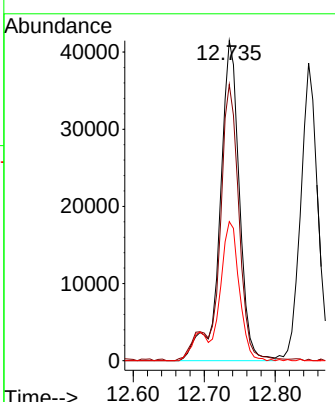
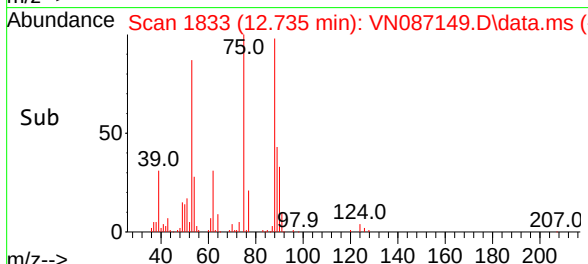
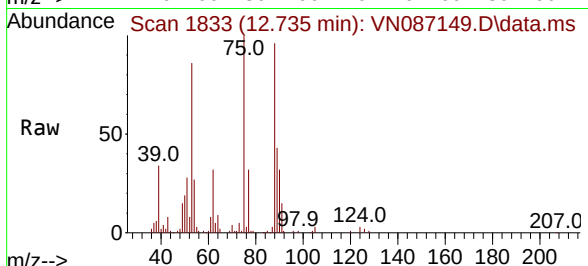


#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.213 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

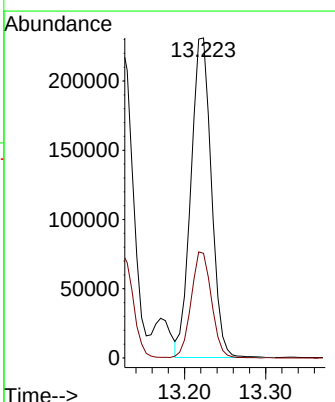
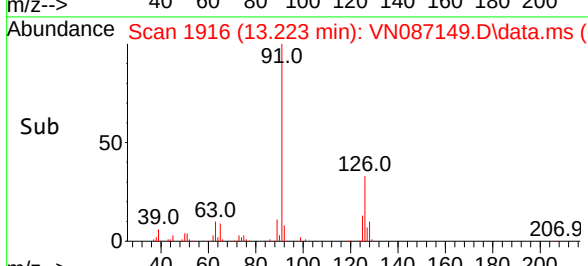
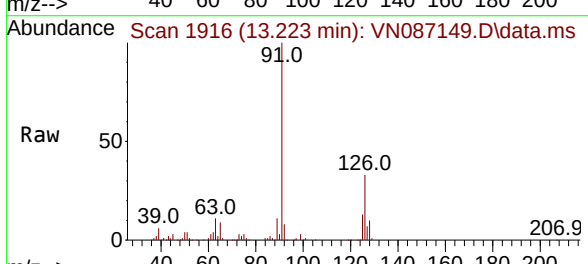
Tgt Ion:	75	Resp:	7911
Ion Ratio	Lower	Upper	
75	100		
53	78.2	66.6	99.8
89	41.2	36.7	55.1

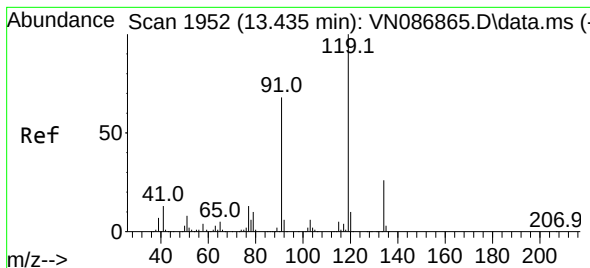
Manual Integrations
APPROVED
 Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/25/2025



#82
 4-Chlorotoluene
 Concen: 61.041 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14

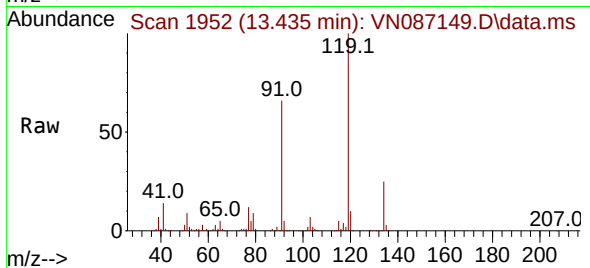
Tgt Ion:	91	Resp:	403857
Ion Ratio	Lower	Upper	
91	100		
126	33.1	16.7	50.1





#83
tert-Butylbenzene
Concen: 57.498 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

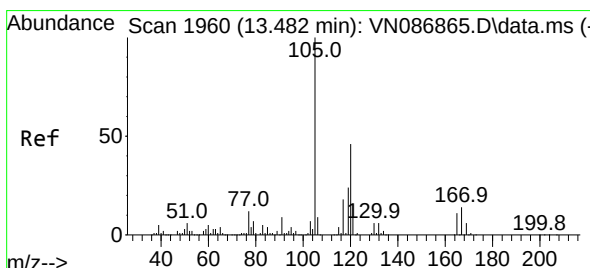
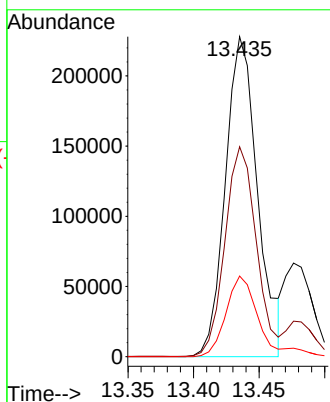
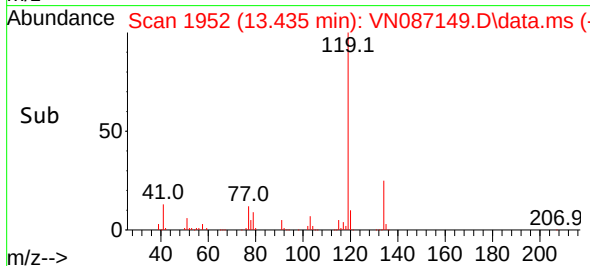
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



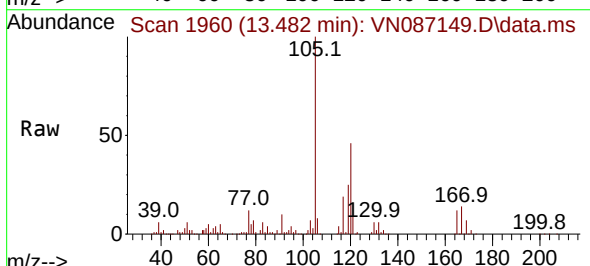
Tgt Ion:119 Resp: 389864
Ion Ratio Lower Upper
119 100
91 63.9 32.1 96.5
134 25.9 13.4 40.1

Manual Integrations
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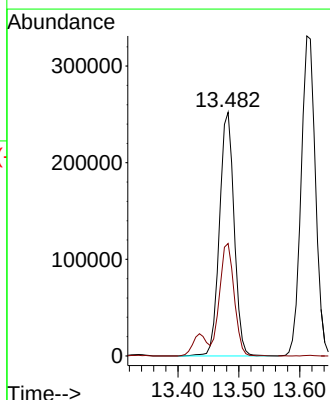
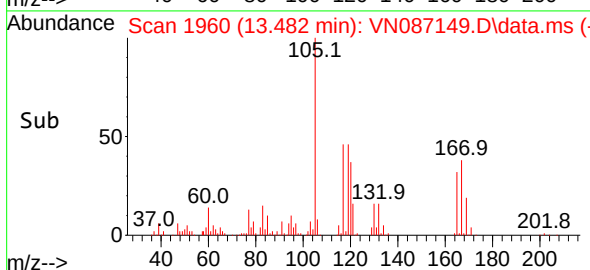
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

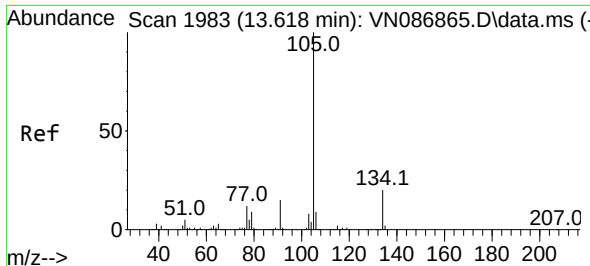


#84
1,2,4-Trimethylbenzene
Concen: 56.613 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14



Tgt Ion:105 Resp: 420510
Ion Ratio Lower Upper
105 100
120 46.0 23.2 69.6





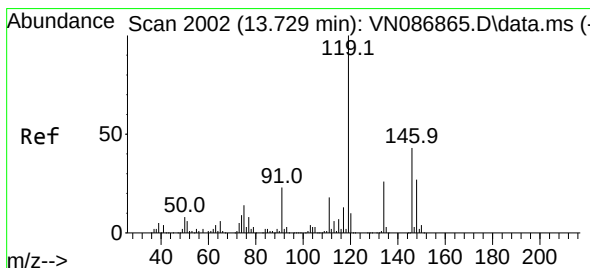
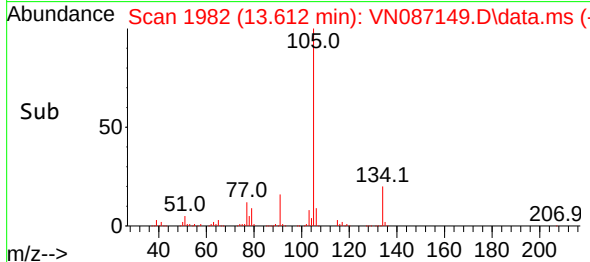
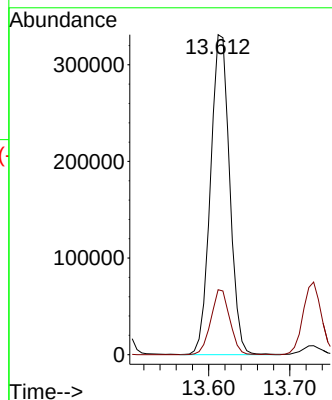
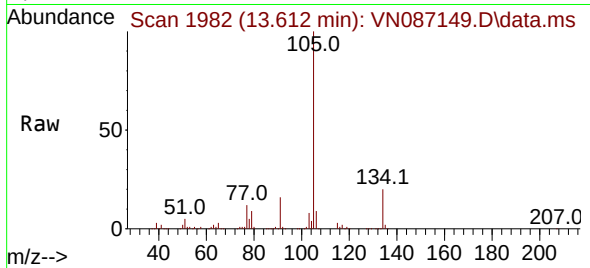
#85
 sec-Butylbenzene
 Concen: 55.106 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 542610
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0

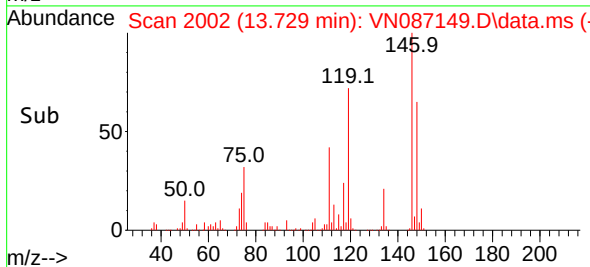
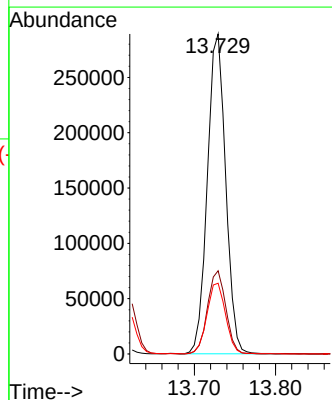
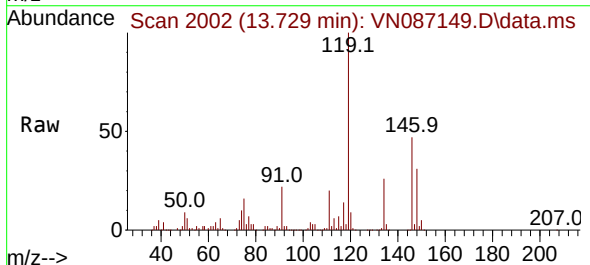
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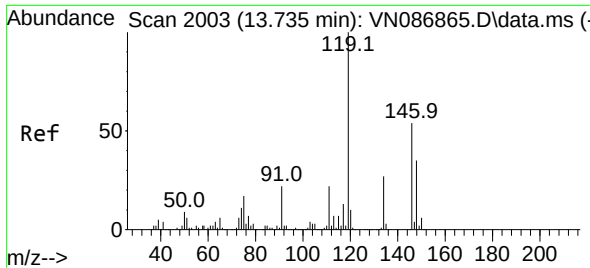
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/25/2025



#86
 p-Isopropyltoluene
 Concen: 55.545 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087149.D
 Acq: 24 Jun 2025 11:14

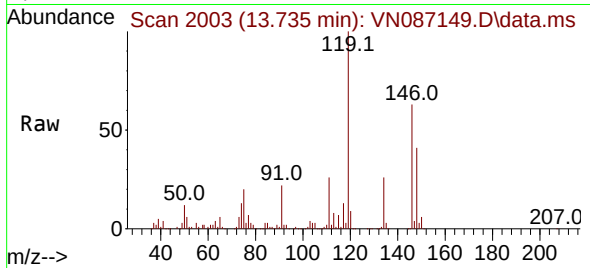
Tgt Ion:119 Resp: 452114
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 22.9 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 59.205 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

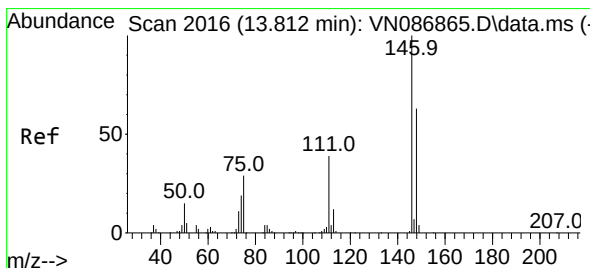
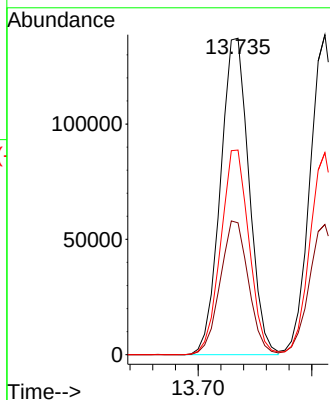
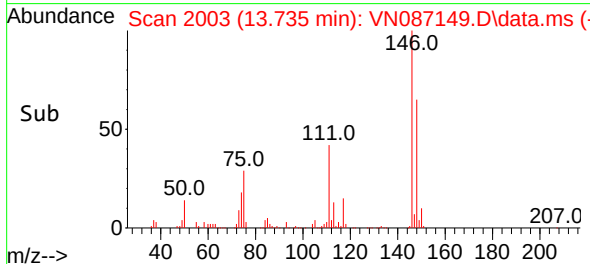
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



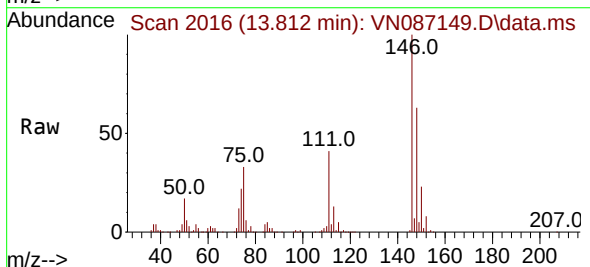
Tgt Ion:146 Resp: 239679
Ion Ratio Lower Upper
146 100
111 42.0 20.9 62.8
148 64.1 32.0 96.2

Manual Integrations
APPROVED

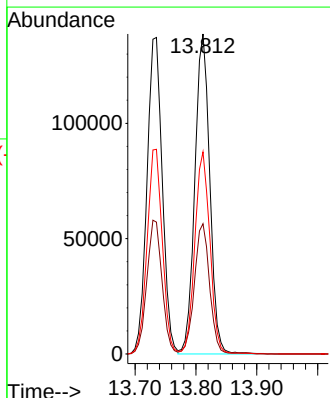
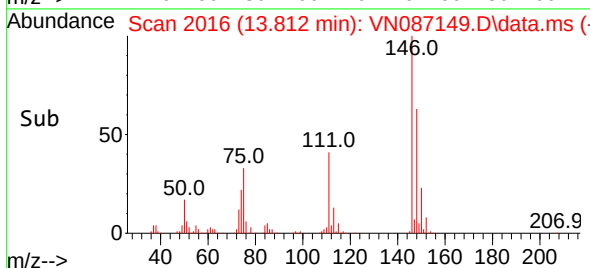
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

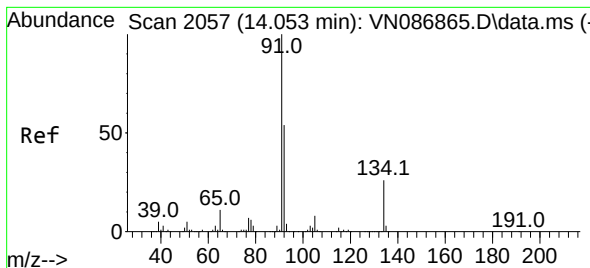


#88
1,4-Dichlorobenzene
Concen: 57.264 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14



Tgt Ion:146 Resp: 236345
Ion Ratio Lower Upper
146 100
111 41.0 19.9 59.7
148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 51.623 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

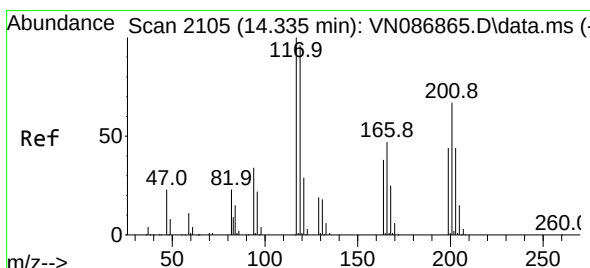
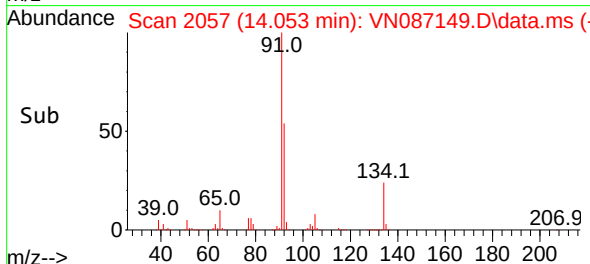
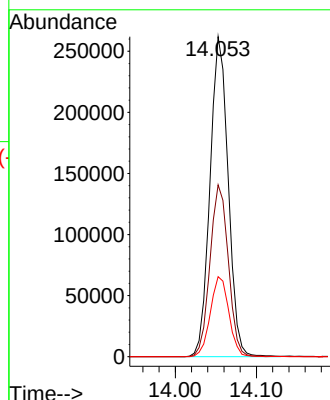
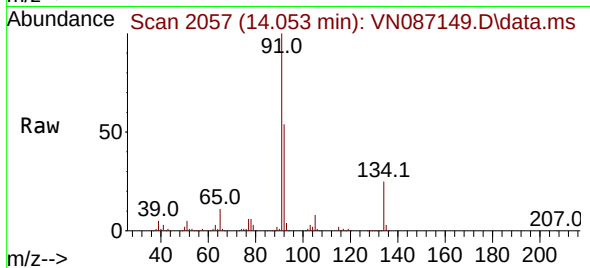
Tgt Ion:	91	Resp:	406999
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.4
134	25.5	13.0	39.0

Manual Integrations

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Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#90

Hexachloroethane

Concen: 58.085 ug/l

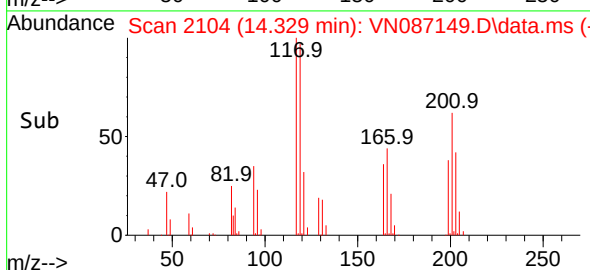
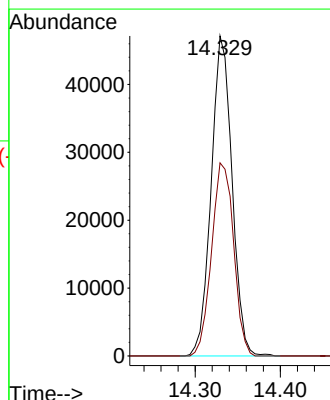
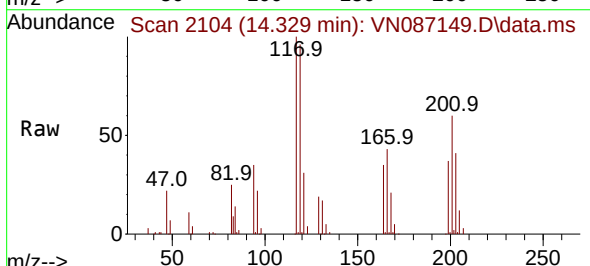
RT: 14.329 min Scan# 2104

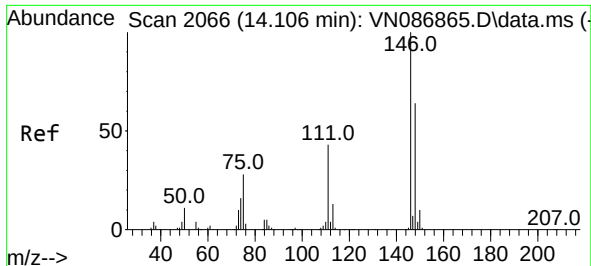
Delta R.T. -0.006 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

Tgt Ion:	117	Resp:	80141
Ion	Ratio	Lower	Upper
117	100		
201	63.7	33.2	99.6





#91

1,2-Dichlorobenzene

Concen: 59.440 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

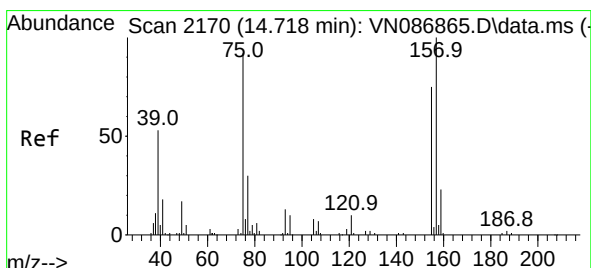
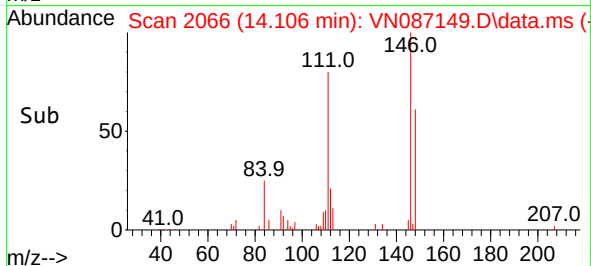
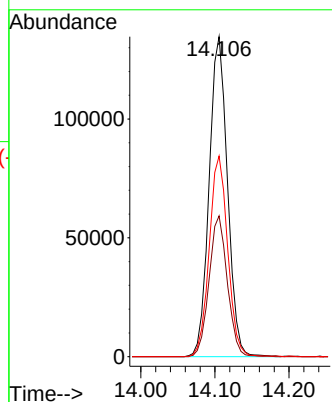
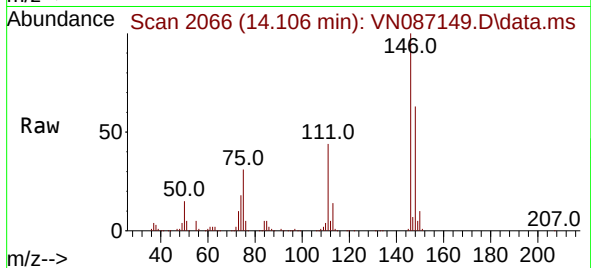
Tgt Ion:	146	Resp:	231180
Ion Ratio	Lower	Upper	
146	100		
111	44.0	21.6	64.6
148	63.3	31.7	95.1

Manual Integrations

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Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.325 ug/l

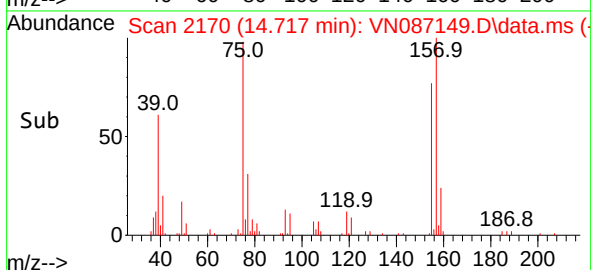
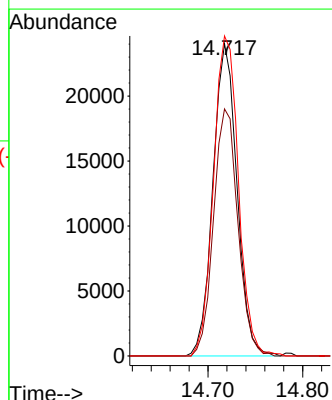
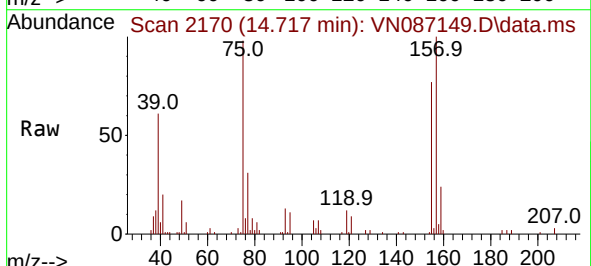
RT: 14.717 min Scan# 2170

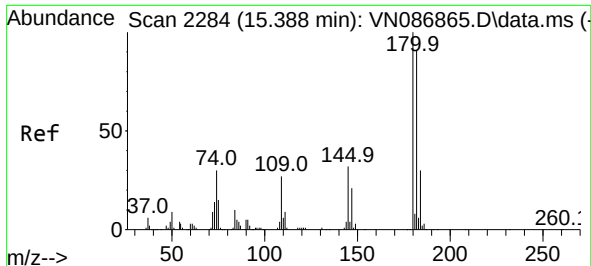
Delta R.T. -0.000 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

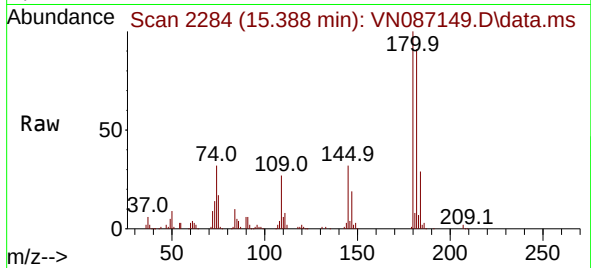
Tgt Ion:	75	Resp:	42396
Ion Ratio	Lower	Upper	
75	100		
155	80.1	41.1	123.4
157	106.3	52.7	158.1





#93
1,2,4-Trichlorobenzene
Concen: 54.175 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14

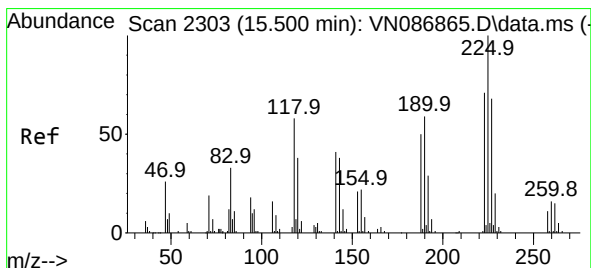
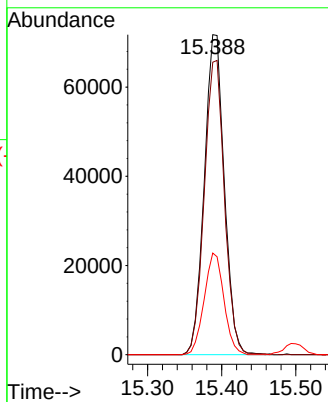
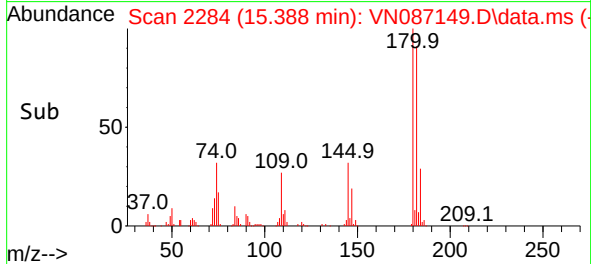
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



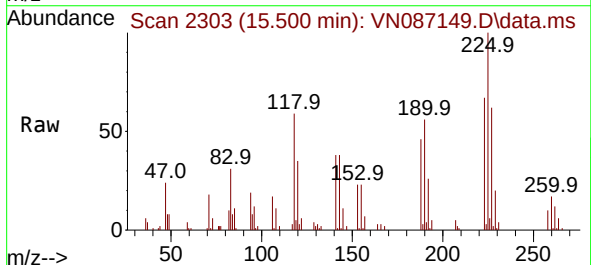
Tgt Ion:180 Resp: 134540
Ion Ratio Lower Upper
180 100
182 92.7 46.9 140.7
145 31.3 16.0 47.9

Manual Integrations
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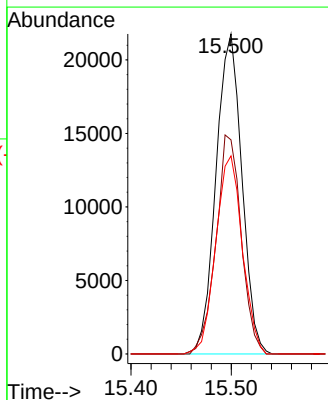
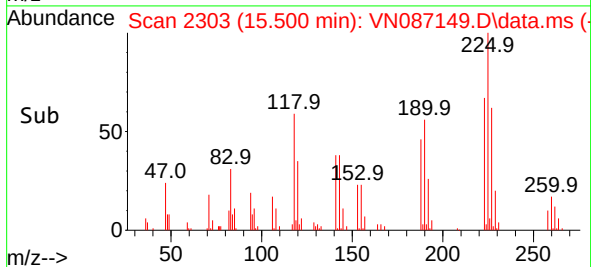
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

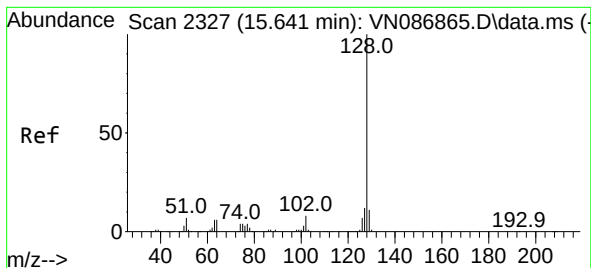


#94
Hexachlorobutadiene
Concen: 42.148 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087149.D
Acq: 24 Jun 2025 11:14



Tgt Ion:225 Resp: 38999
Ion Ratio Lower Upper
225 100
223 66.6 33.5 100.4
227 63.6 31.1 93.5





#95

Naphthalene

Concen: 57.431 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

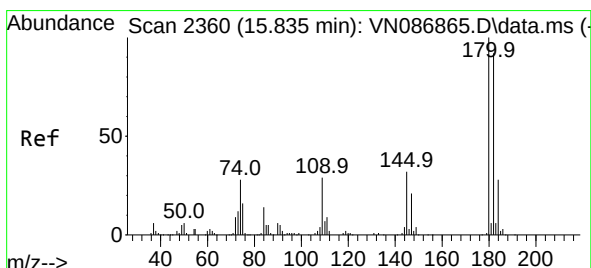
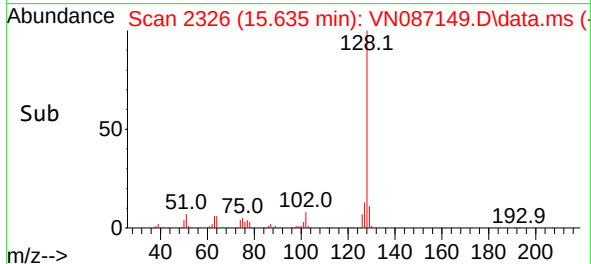
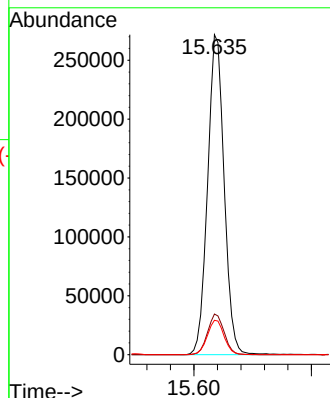
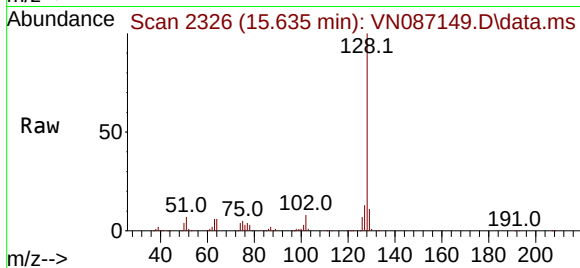
Tgt Ion:128 Resp: 530904
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.771 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087149.D

Acq: 24 Jun 2025 11:14

Tgt Ion:180 Resp: 120343
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.0 141.0
 145 33.8 16.6 49.8

