

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087147.D
 Acq On : 20 Jun 2025 17:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2025
 Supervised By : Mahesh Dadoda 06/23/2025

Quant Time: Jun 20 23:10:53 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)

Internal Standards						
1) Pentafluorobenzene	8.230	168	162491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99201	45.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.200%		
35) Dibromofluoromethane	8.171	113	86961	52.506	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.020%		
50) Toluene-d8	10.565	98	352657	53.787	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.580%		
62) 4-Bromofluorobenzene	12.847	95	141555	58.111	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	116.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	95739	59.093	ug/l	98
3) Chloromethane	2.395	50	101720	48.621	ug/l	99
4) Vinyl Chloride	2.553	62	132237	61.274	ug/l	99
5) Bromomethane	2.989	94	66320	54.914	ug/l	100
6) Chloroethane	3.153	64	72022	51.665	ug/l	94
7) Trichlorofluoromethane	3.530	101	155013	54.976	ug/l	99
8) Diethyl Ether	3.977	74	73008	59.427	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.400	101	100554	56.762	ug/l	98
10) Methyl Iodide	4.612	142	99094	43.151	ug/l	95
11) Tert butyl alcohol	5.536	59	117142	198.438	ug/l	100
12) 1,1-Dichloroethene	4.365	96	106171	58.704	ug/l	92
13) Acrolein	4.200	56	34663	185.505	ug/l	97
14) Allyl chloride	5.047	41	131488	43.838	ug/l	92
15) Acrylonitrile	5.736	53	310573	225.087	ug/l	98
16) Acetone	4.442	43	246242	213.432	ug/l	96
17) Carbon Disulfide	4.742	76	280266	56.023	ug/l	99
18) Methyl Acetate	5.042	43	132531	39.419	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	338277	51.658	ug/l	99
20) Methylene Chloride	5.300	84	110521	51.168	ug/l	91
21) trans-1,2-Dichloroethene	5.812	96	106803	53.078	ug/l	94
22) Diisopropyl ether	6.689	45	292694	46.294	ug/l	96
23) Vinyl Acetate	6.618	43	1273763	238.450	ug/l	94
24) 1,1-Dichloroethane	6.583	63	183463	50.423	ug/l	100
25) 2-Butanone	7.488	43	371732	198.221	ug/l	91
26) 2,2-Dichloropropane	7.500	77	127422	45.021	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	124126	51.580	ug/l	93
28) Bromochloromethane	7.818	49	78711	43.998	ug/l	86
29) Tetrahydrofuran	7.847	42	260775	213.461	ug/l	90
30) Chloroform	7.971	83	181830	50.041	ug/l	98
31) Cyclohexane	8.259	56	161129	45.664	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	161384	52.220	ug/l	96
36) 1,1-Dichloropropene	8.377	75	128427	52.039	ug/l	98
37) Ethyl Acetate	7.571	43	152067	48.403	ug/l	98
38) Carbon Tetrachloride	8.371	117	135845	56.067	ug/l	99
39) Methylcyclohexane	9.600	83	146033	43.190	ug/l	92
40) Benzene	8.612	78	454159	56.276	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	81026	45.923	ug/l	91
42) 1,2-Dichloroethane	8.677	62	127052	51.905	ug/l	97
43) Isopropyl Acetate	8.694	43	231848	45.980	ug/l	94
44) Trichloroethene	9.359	130	108360	56.627	ug/l	99
45) 1,2-Dichloropropane	9.624	63	96691	49.248	ug/l	98
46) Dibromomethane	9.712	93	76307	58.513	ug/l	96
47) Bromodichloromethane	9.888	83	143989	53.664	ug/l	98
48) Methyl methacrylate	9.682	41	108396	46.706	ug/l	91
49) 1,4-Dioxane	9.700	88	42403	1004.308	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	732294	241.238	ug/l	95
52) Toluene	10.629	92	307372	62.323	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	177738	59.240	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	172528	53.743	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	108583	57.218	ug/l	98
56) Ethyl methacrylate	10.876	69	183741	60.789	ug/l	91
57) 1,3-Dichloropropane	11.159	76	189743	57.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	363849	201.822	ug/l	93
59) 2-Hexanone	11.200	43	471907	241.346	ug/l	93
60) Dibromochloromethane	11.359	129	122622	62.018	ug/l	99
61) 1,2-Dibromoethane	11.471	107	105429	54.202	ug/l	99
64) Tetrachloroethene	11.100	164	92502	70.838	ug/l	96
65) Chlorobenzene	11.888	112	266645	58.594	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	94599	64.668	ug/l	100
67) Ethyl Benzene	11.959	91	487616	62.207	ug/l	99
68) m/p-Xylenes	12.065	106	418589	139.501	ug/l	96
69) o-Xylene	12.394	106	207100	72.064	ug/l	96
70) Styrene	12.412	104	345963	70.352	ug/l	99
71) Bromoform	12.576	173	83499	77.037	ug/l #	100
73) Isopropylbenzene	12.694	105	550154	52.867	ug/l	100
74) N-amyl acetate	12.518	43	178547m	49.099	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	182356	51.726	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	169950m	50.052	ug/l	
77) Bromobenzene	12.976	156	135521	56.786	ug/l	90
78) n-propylbenzene	13.035	91	634572	50.178	ug/l	97
79) 2-Chlorotoluene	13.123	91	388823	51.267	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	447917	52.134	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	65815	44.619	ug/l	94
82) 4-Chlorotoluene	13.217	91	400747	52.222	ug/l	98
83) tert-Butylbenzene	13.435	119	383730	48.792	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	452990	52.579	ug/l	99
85) sec-Butylbenzene	13.612	105	530770	46.472	ug/l	100
86) p-Isopropyltoluene	13.723	119	447505	47.400	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	252129	53.696	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	259499	54.207	ug/l	99
89) n-Butylbenzene	14.053	91	372788	40.765	ug/l	99
90) Hexachloroethane	14.329	117	78887	49.295	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	242835	53.830	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38228	45.341	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	131039	45.489	ug/l	100
94) Hexachlorobutadiene	15.494	225	34792	32.418	ug/l	98
95) Naphthalene	15.635	128	528806	49.318	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	126243	44.109	ug/l	99

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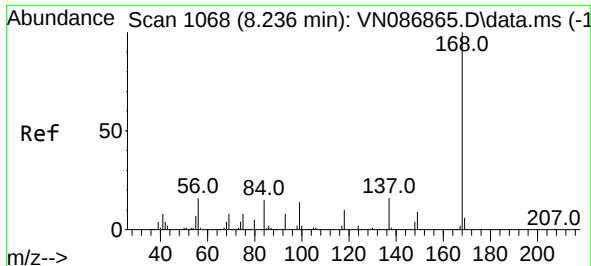
Manual Integrations
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Quant Title : SW846 8260
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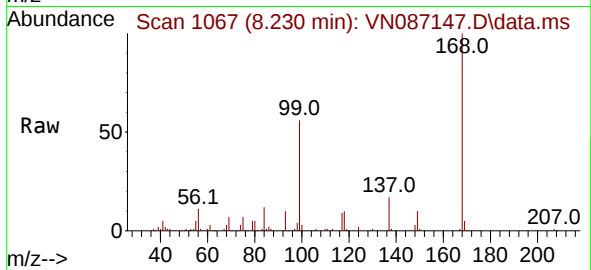
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
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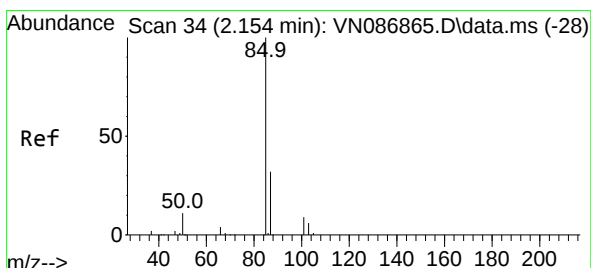
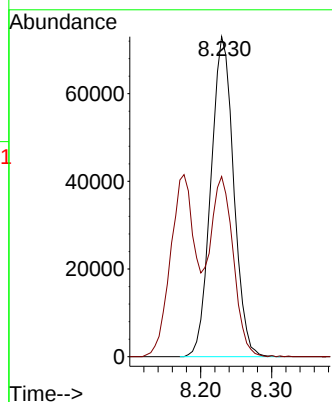
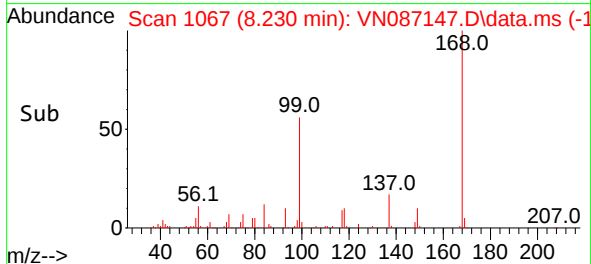
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 16249
Ion Ratio Lower Upper
168 100
99 56.1 49.1 73.7

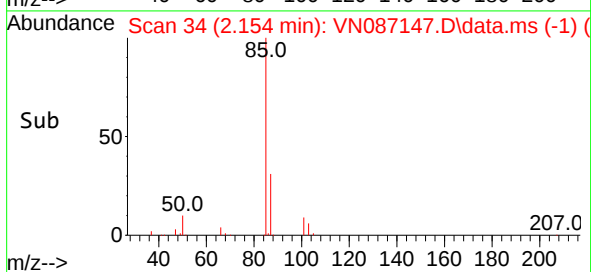
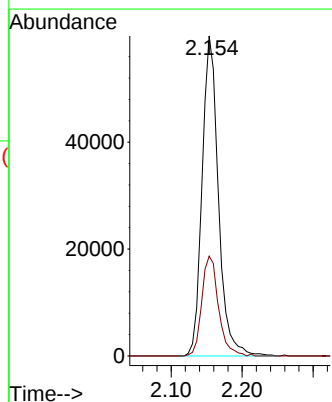
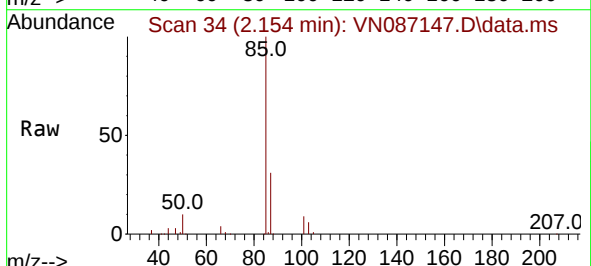
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#2
Dichlorodifluoromethane
Concen: 59.093 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

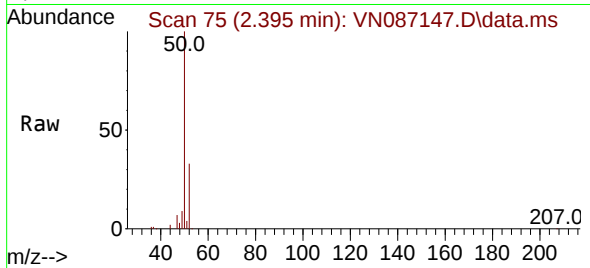
Tgt Ion: 85 Resp: 95739
Ion Ratio Lower Upper
85 100
87 31.2 16.2 48.6





#3
Chloromethane
Concen: 48.621 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

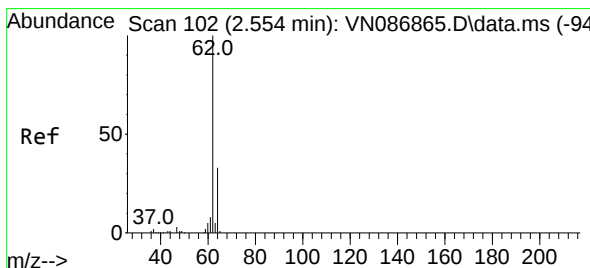
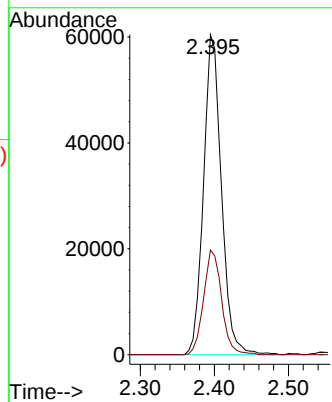
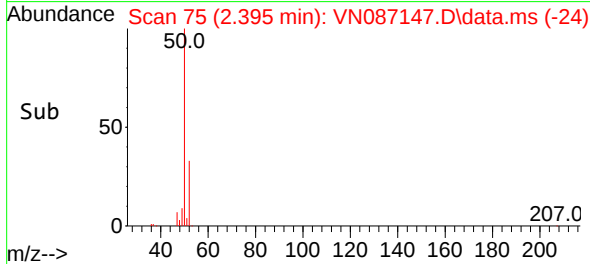
Instrument :
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Tgt Ion: 50 Resp: 101720
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5

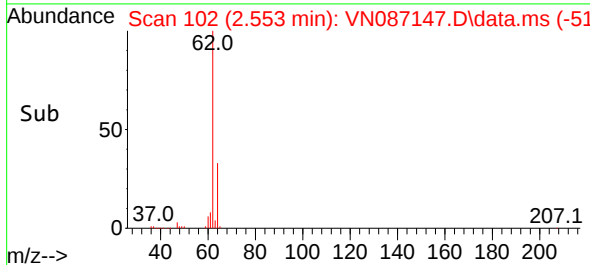
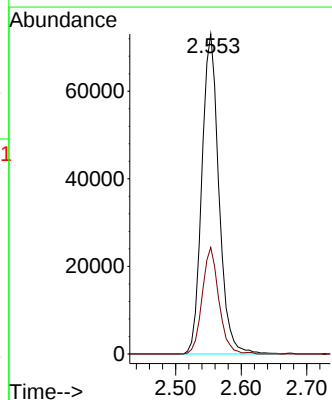
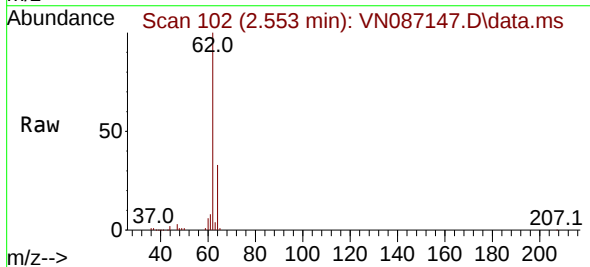
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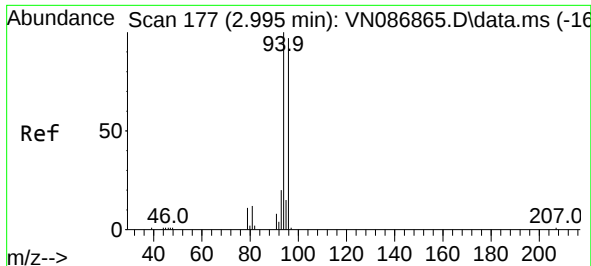
Reviewed By :John Carlone 06/23/2025
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#4
Vinyl Chloride
Concen: 61.274 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087147.D
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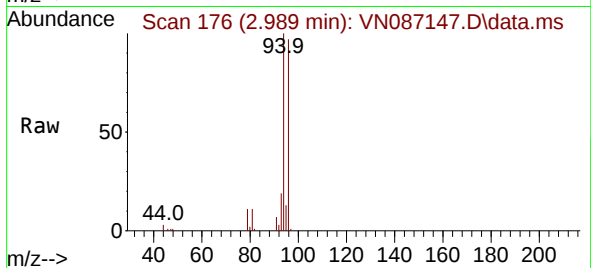
Tgt Ion: 62 Resp: 132237
Ion Ratio Lower Upper
62 100
64 33.3 26.0 39.0





#5
Bromomethane
Concen: 54.914 ug/l
RT: 2.989 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN087147.D
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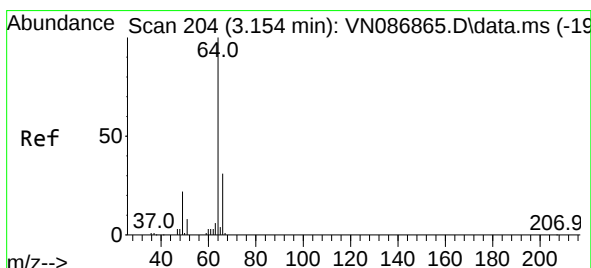
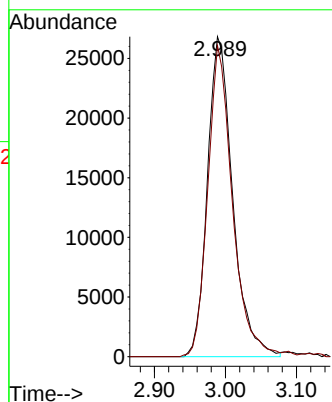
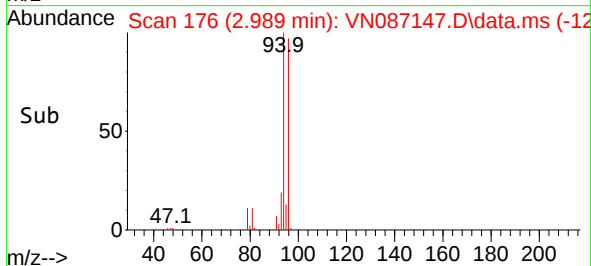
Instrument :
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Tgt Ion: 94 Resp: 66320
Ion Ratio Lower Upper
94 100
96 97.2 77.9 116.9

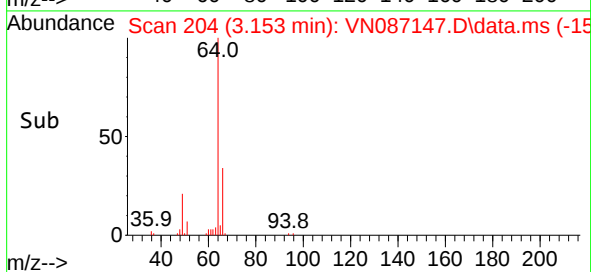
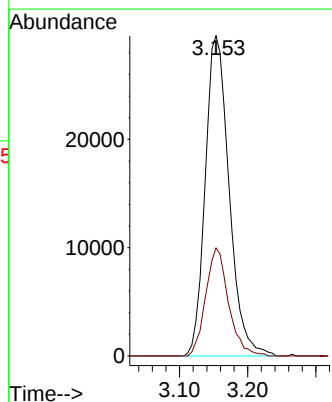
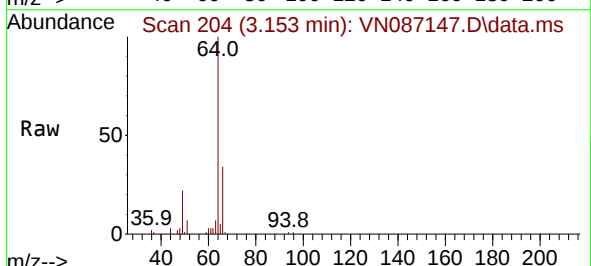
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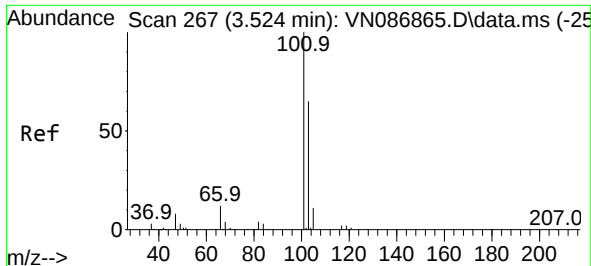
Reviewed By :John Carlone 06/23/2025
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#6
Chloroethane
Concen: 51.665 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Tgt Ion: 64 Resp: 72022
Ion Ratio Lower Upper
64 100
66 33.7 24.6 36.8





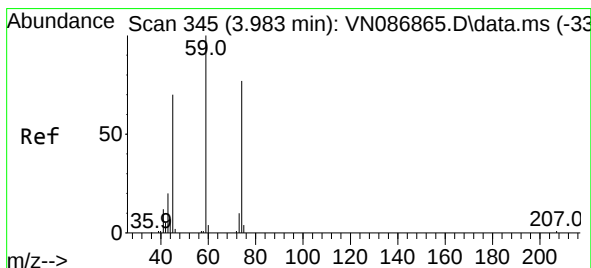
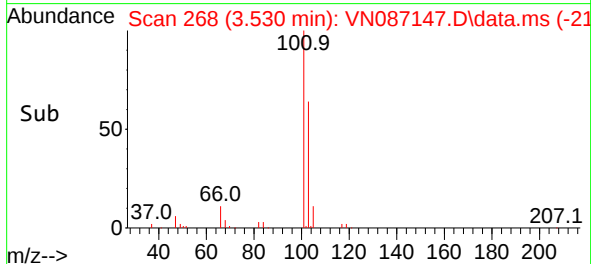
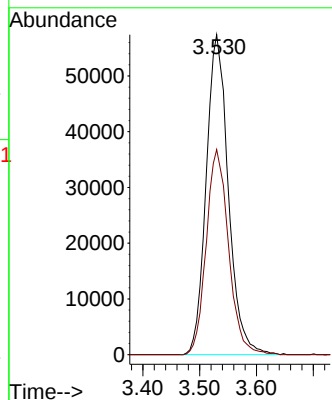
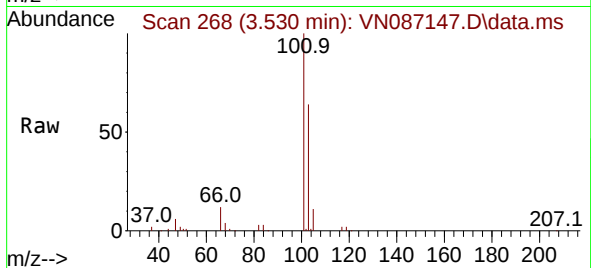
#7
Trichlorofluoromethane
Concen: 54.976 ug/l
RT: 3.530 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087147.D
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Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 15501
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2

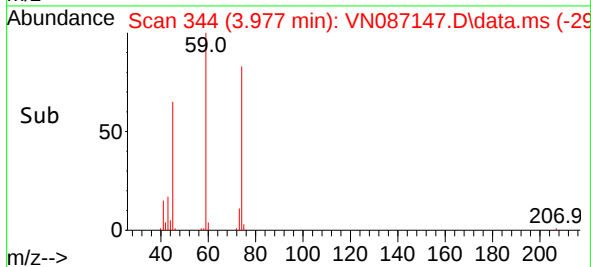
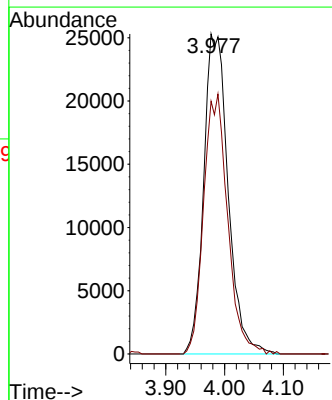
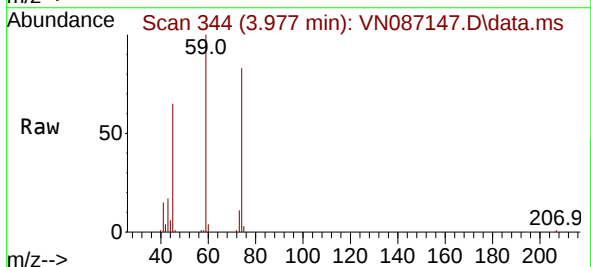
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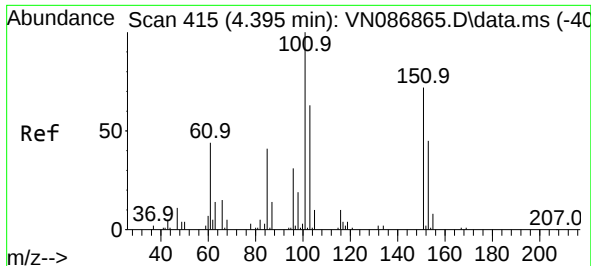
Reviewed By :John Carlone 06/23/2025
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#8
Diethyl Ether
Concen: 59.427 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.006 min
Lab File: VN087147.D
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Tgt Ion: 74 Resp: 73008
Ion Ratio Lower Upper
74 100
45 80.0 45.5 136.5





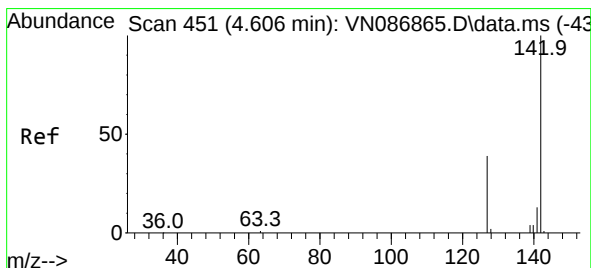
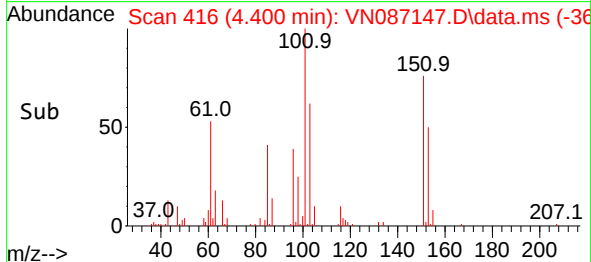
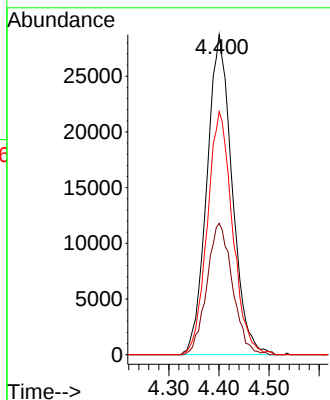
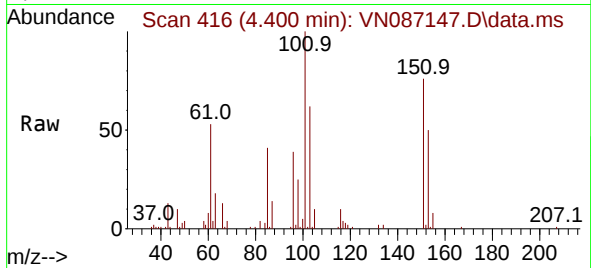
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.762 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 100554
Ion Ratio Lower Upper
101 100
85 41.6 33.8 50.8
151 76.0 58.7 88.1

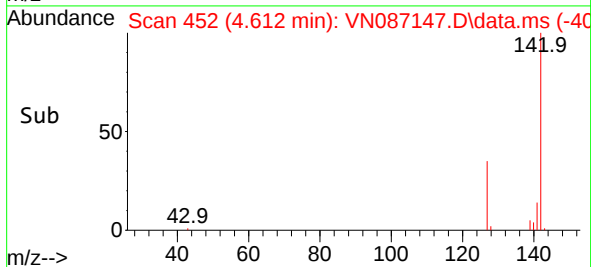
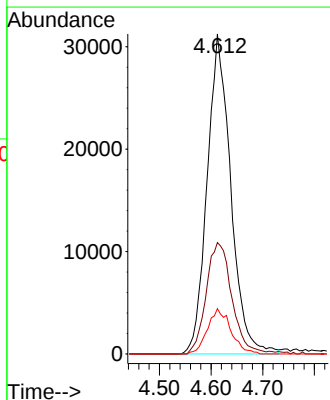
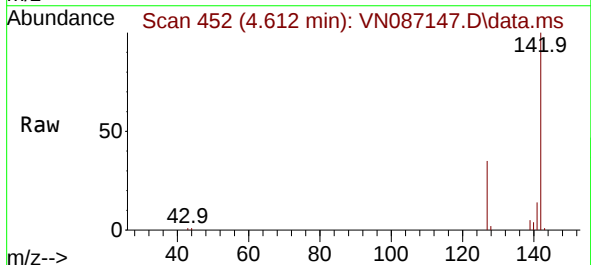
Manual Integrations
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Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#10
Methyl Iodide
Concen: 43.151 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

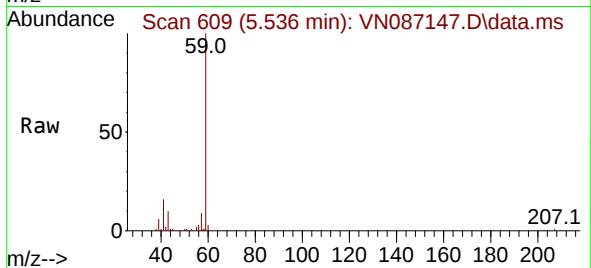
Tgt Ion:142 Resp: 99094
Ion Ratio Lower Upper
142 100
127 34.8 30.9 46.3
141 14.2 10.4 15.6





#11
Tert butyl alcohol
Concen: 198.438 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

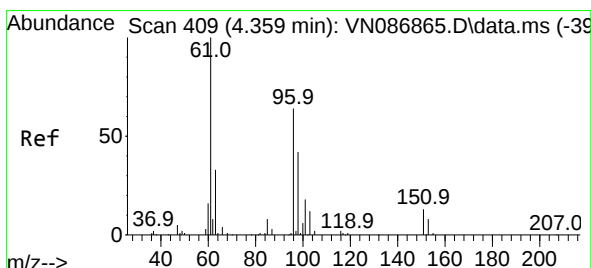
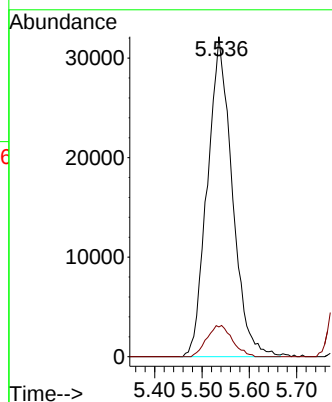
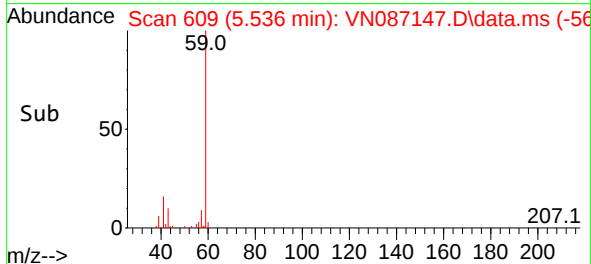
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



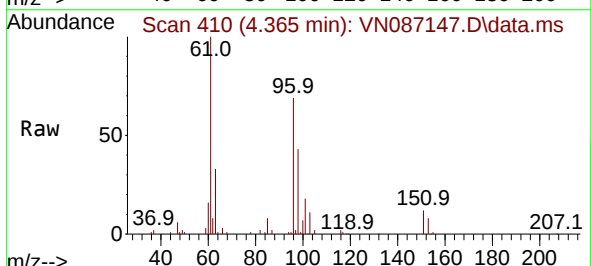
Tgt Ion: 59 Resp: 11714
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

Manual Integrations
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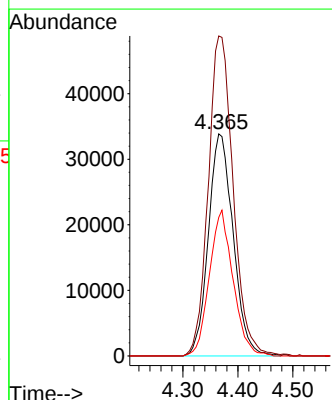
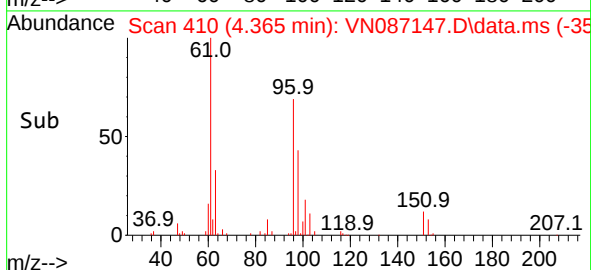
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

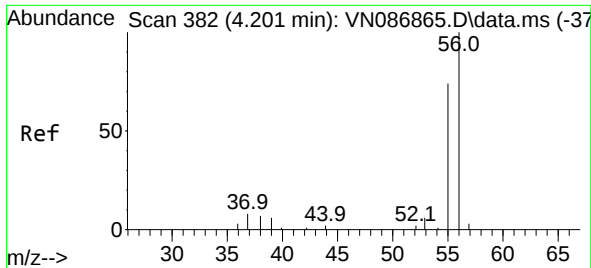


#12
1,1-Dichloroethene
Concen: 58.704 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



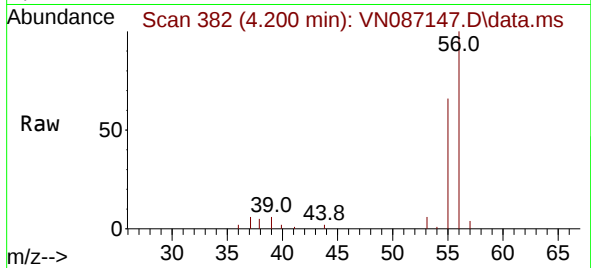
Tgt Ion: 96 Resp: 106171
Ion Ratio Lower Upper
96 100
61 144.1 125.8 188.6
98 62.4 52.5 78.7





#13
Acrolein
Concen: 185.505 ug/l
RT: 4.200 min Scan# 3466
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

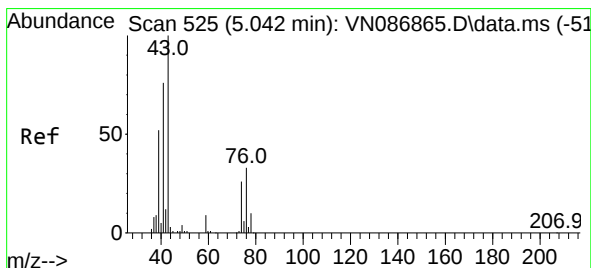
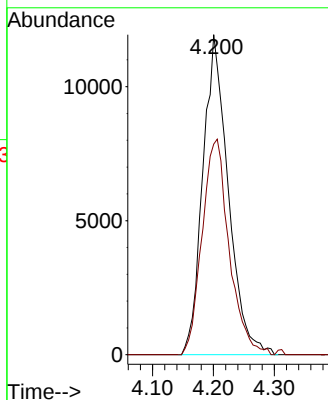
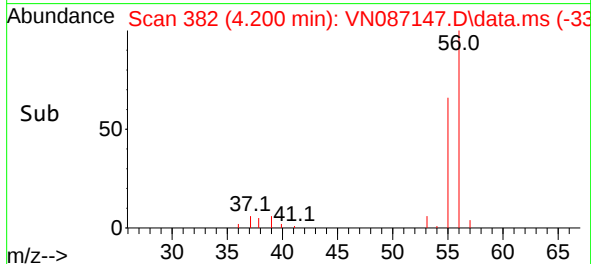
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



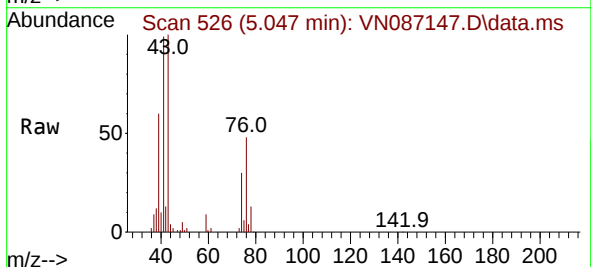
Tgt Ion: 56 Resp: 3466
Ion Ratio Lower Upper
56 100
55 71.6 55.6 83.4

Manual Integrations
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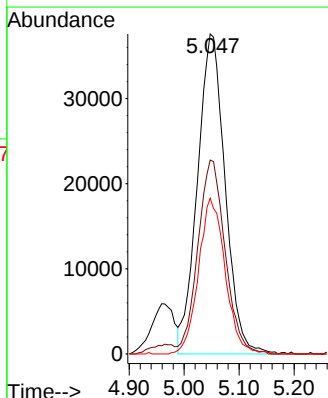
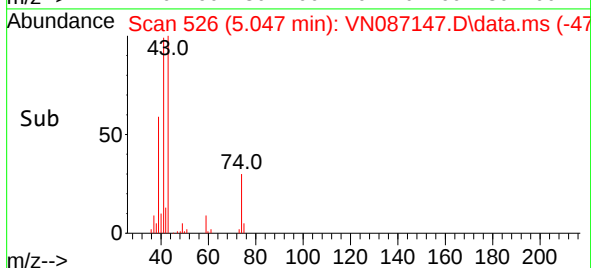
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

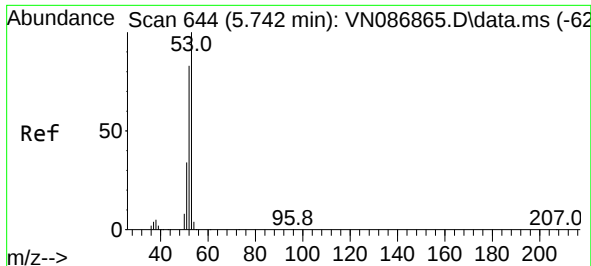


#14
Allyl chloride
Concen: 43.838 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



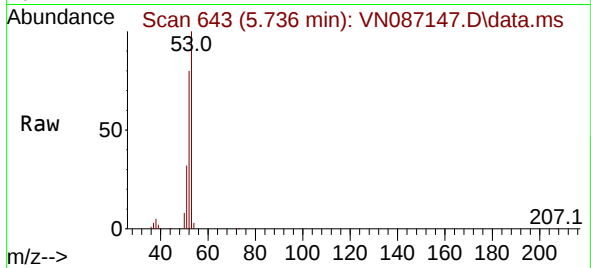
Tgt Ion: 41 Resp: 131488
Ion Ratio Lower Upper
41 100
39 60.0 51.3 76.9
76 46.8 31.4 47.0





#15
Acrylonitrile
Concen: 225.087 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

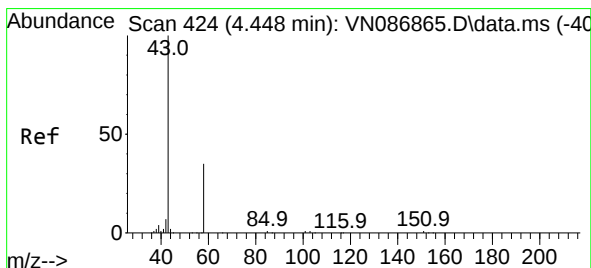
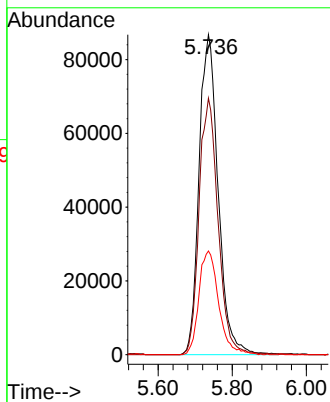
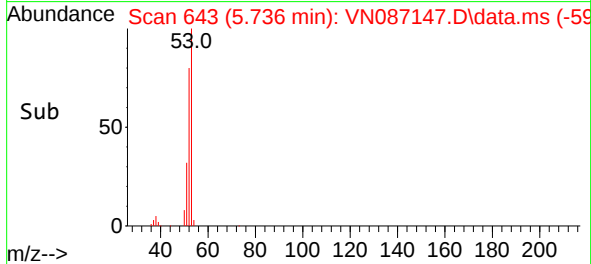
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 31057
Ion Ratio Lower Upper
53 100
52 79.5 65.0 97.6
51 33.5 27.2 40.8

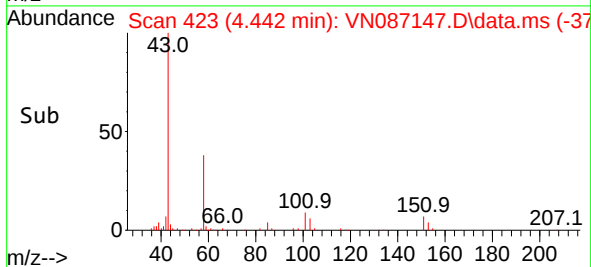
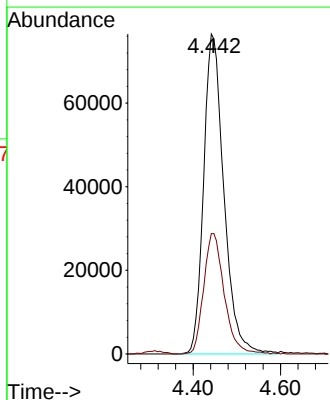
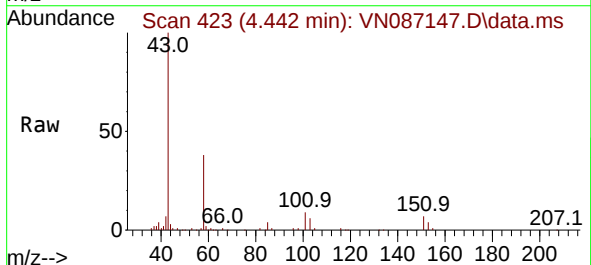
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#16
Acetone
Concen: 213.432 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

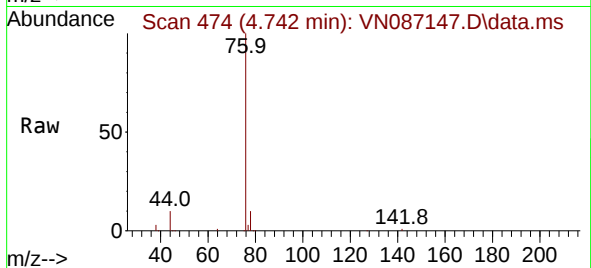
Tgt Ion: 43 Resp: 246242
Ion Ratio Lower Upper
43 100
58 37.6 28.0 42.0





#17
Carbon Disulfide
Concen: 56.023 ug/l
RT: 4.742 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

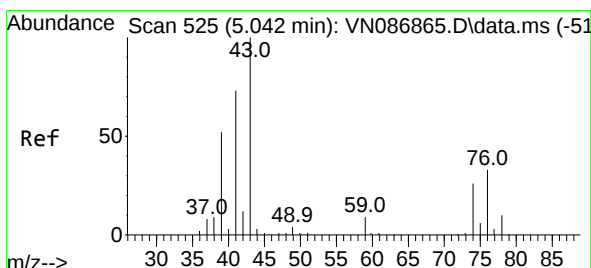
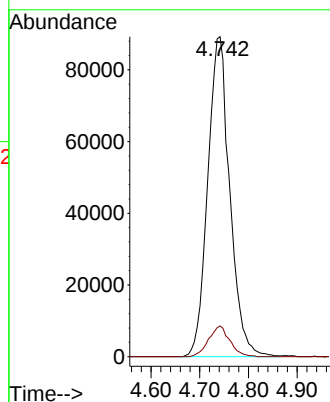
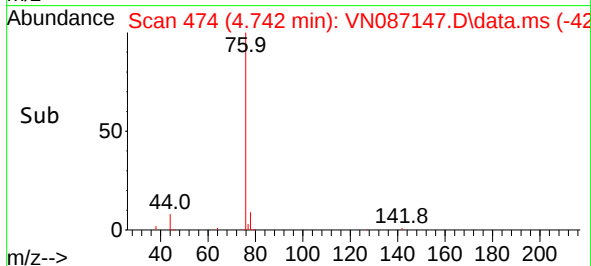
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



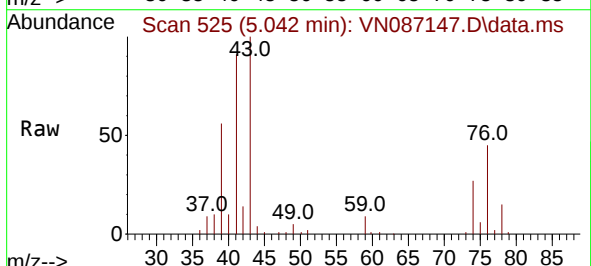
Tgt Ion: 76 Resp: 280260
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

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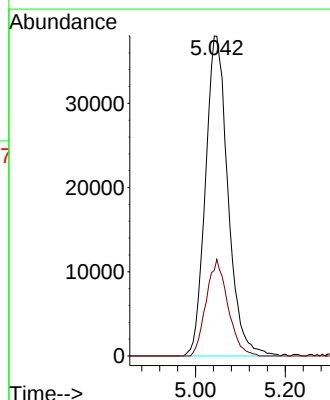
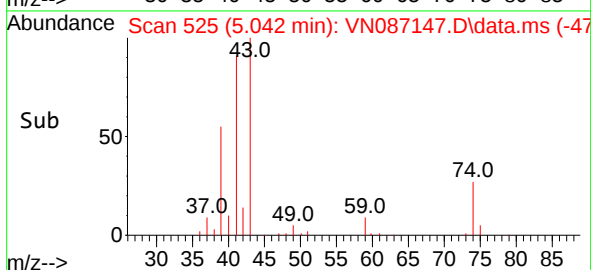
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

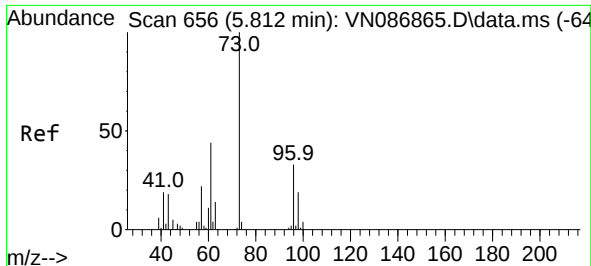


#18
Methyl Acetate
Concen: 39.419 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



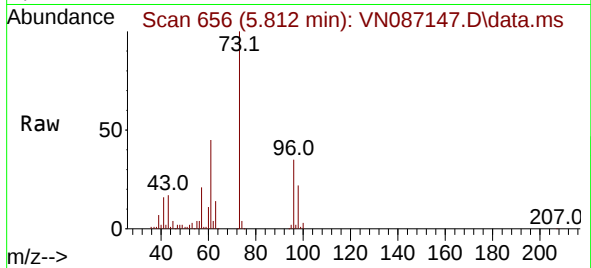
Tgt Ion: 43 Resp: 132531
Ion Ratio Lower Upper
43 100
74 29.1 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 51.658 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

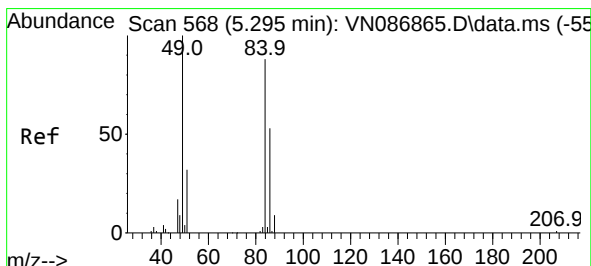
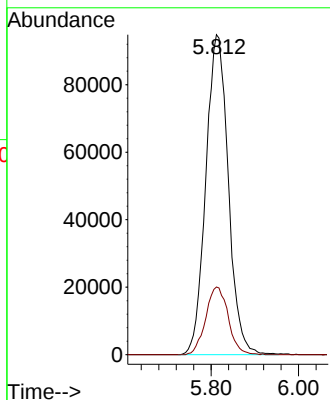
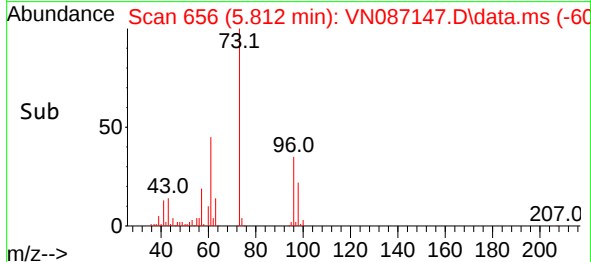
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



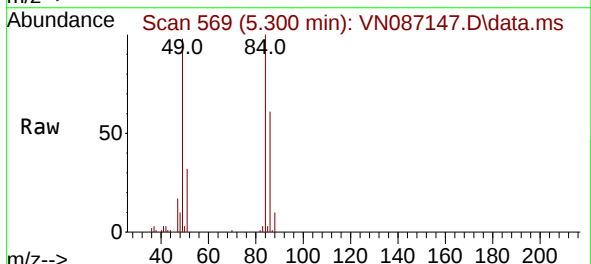
Tgt Ion: 73 Resp: 33827
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.2

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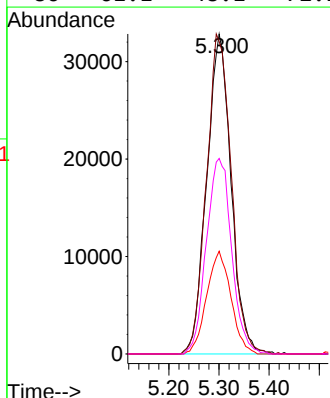
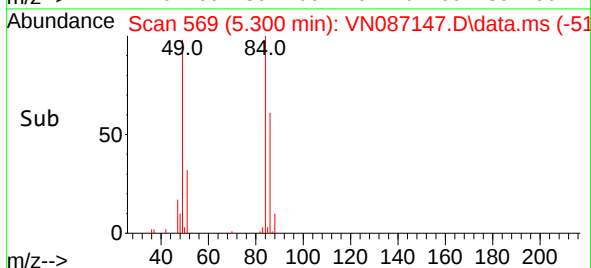
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

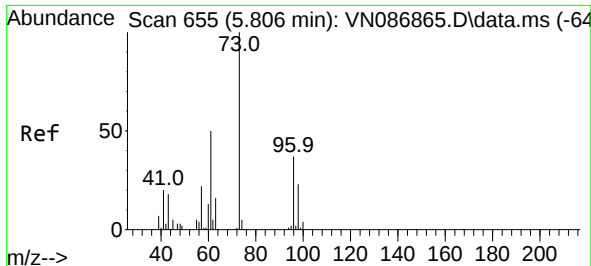


#20
Methylene Chloride
Concen: 51.168 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



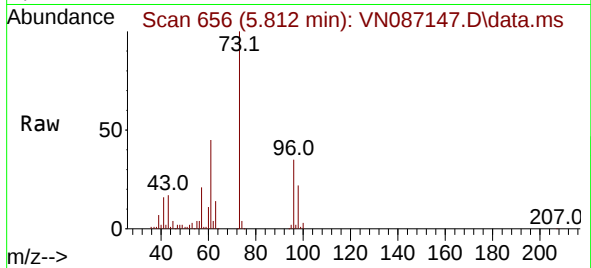
Tgt Ion: 84 Resp: 110521
Ion Ratio Lower Upper
84 100
49 97.7 90.5 135.7
51 32.1 28.5 42.7
86 61.1 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 53.078 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

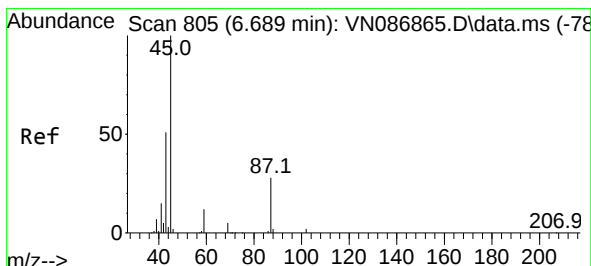
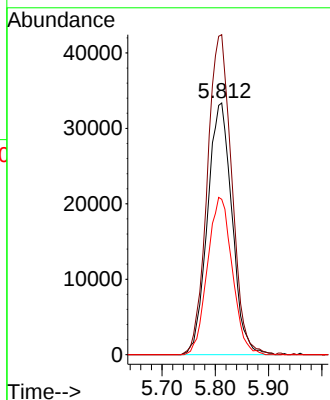
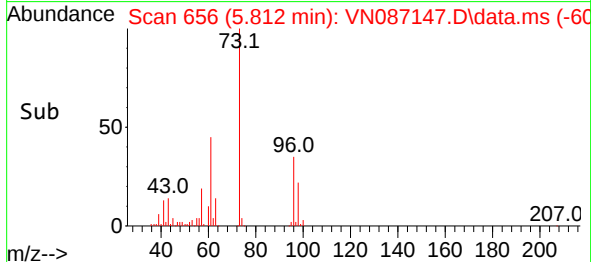
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 10680
Ion Ratio Lower Upper
96 100
61 127.1 109.2 163.8
98 61.8 49.8 74.8

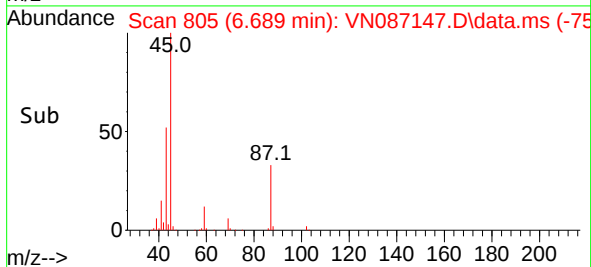
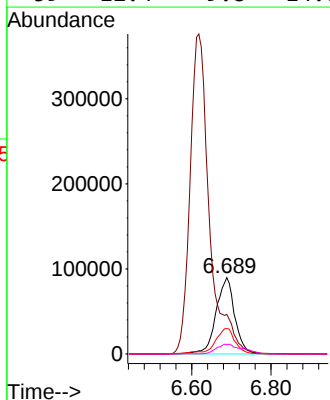
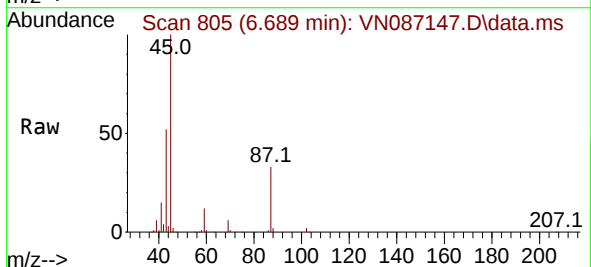
Manual Integrations
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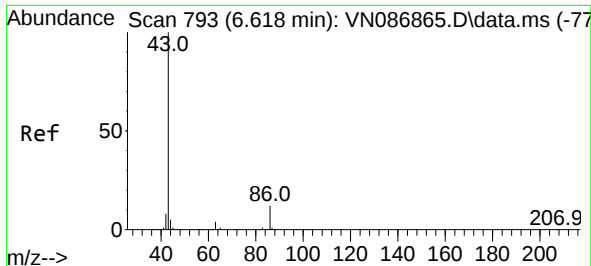
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#22
Diisopropyl ether
Concen: 46.294 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

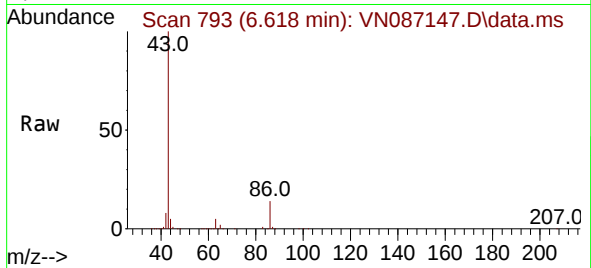
Tgt Ion: 45 Resp: 292694
Ion Ratio Lower Upper
45 100
43 51.4 41.9 62.9
87 33.3 22.4 33.6
59 12.4 9.8 14.6





#23
 Vinyl Acetate
 Concen: 238.450 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087147.D
 Acq: 20 Jun 2025 17:54

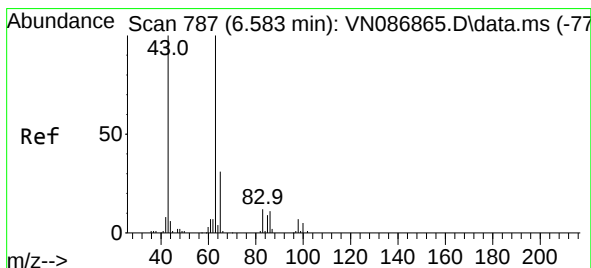
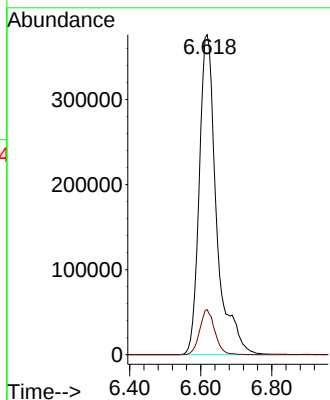
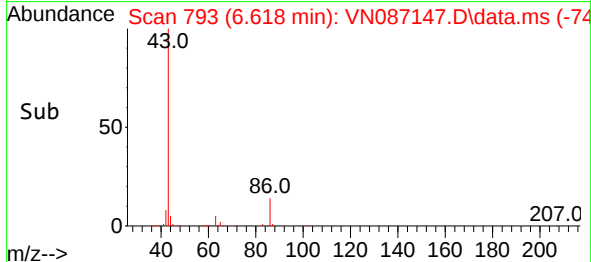
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 127376
 Ion Ratio Lower Upper
 43 100
 86 14.1 9.5 14.3

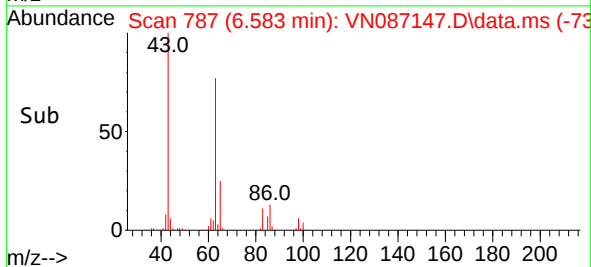
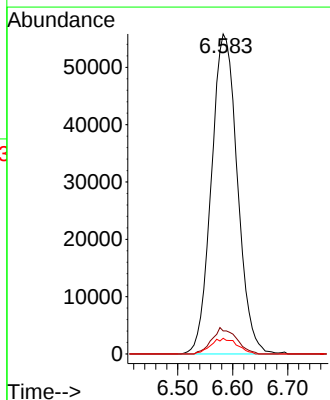
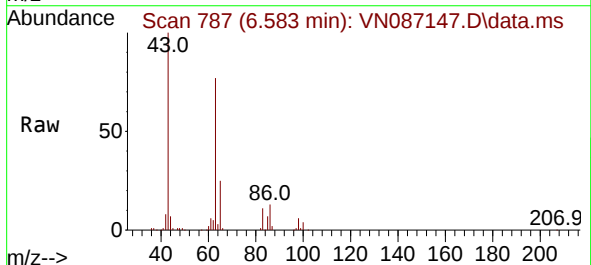
Manual Integrations
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Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#24
 1,1-Dichloroethane
 Concen: 50.423 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087147.D
 Acq: 20 Jun 2025 17:54

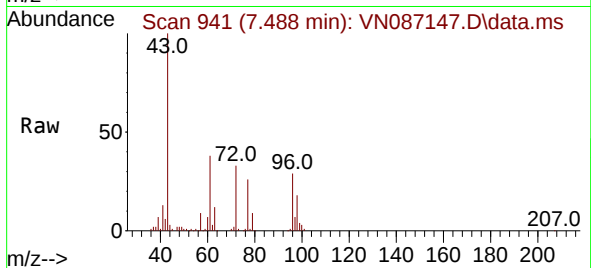
Tgt Ion: 63 Resp: 183463
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.9 2.6 7.8





#25
2-Butanone
Concen: 198.221 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

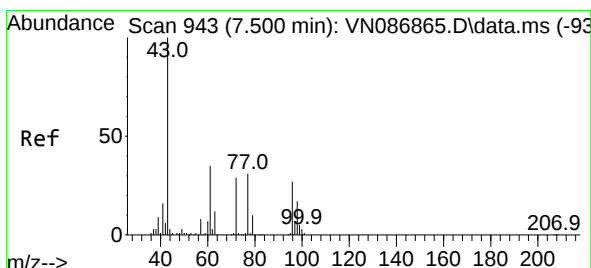
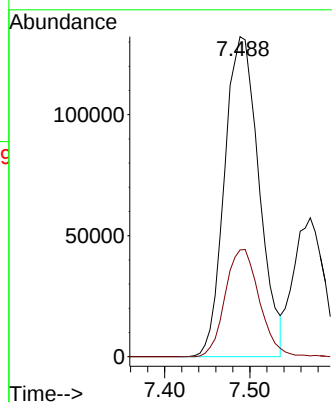
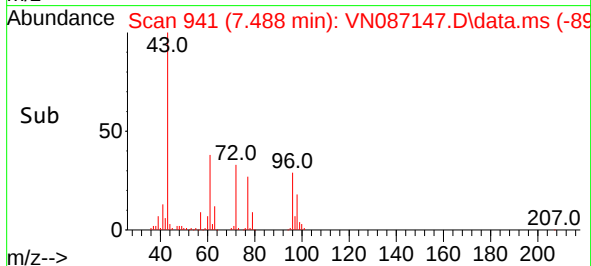
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 371732
Ion Ratio Lower Upper
43 100
72 33.4 23.0 34.6

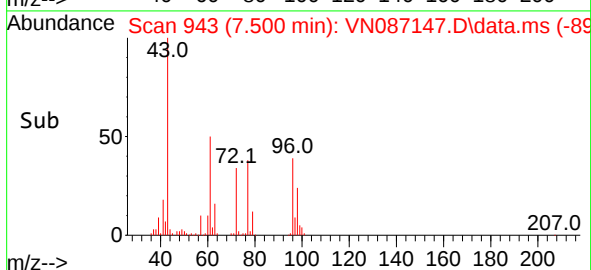
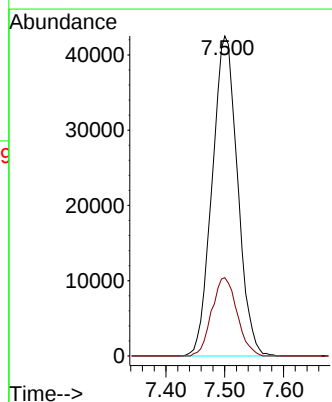
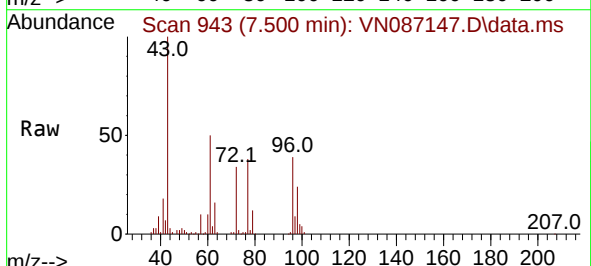
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#26
2,2-Dichloropropane
Concen: 45.021 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

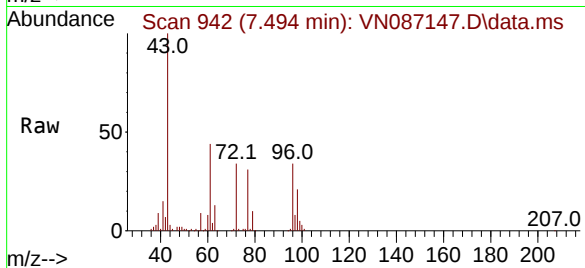
Tgt Ion: 77 Resp: 127422
Ion Ratio Lower Upper
77 100
97 24.3 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 51.580 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VN087147.D
 Acq: 20 Jun 2025 17:54

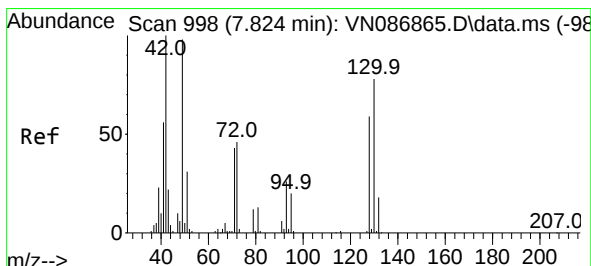
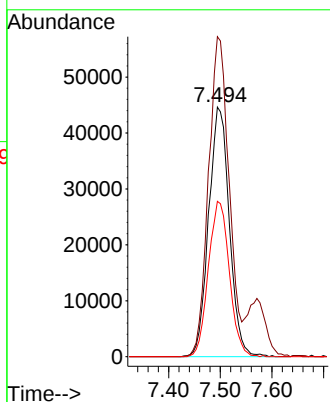
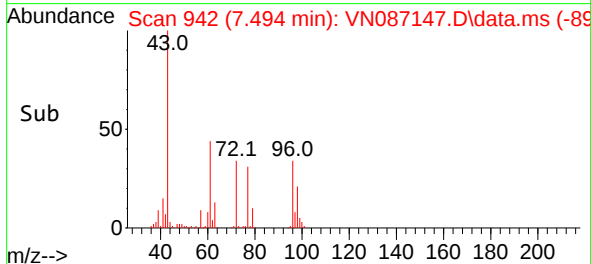
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 124120
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 278.0
 98 63.1 0.0 128.2

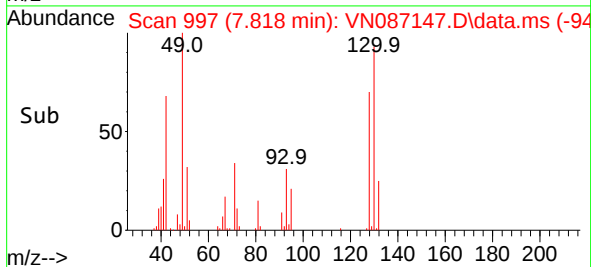
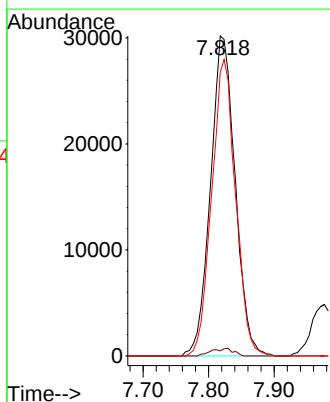
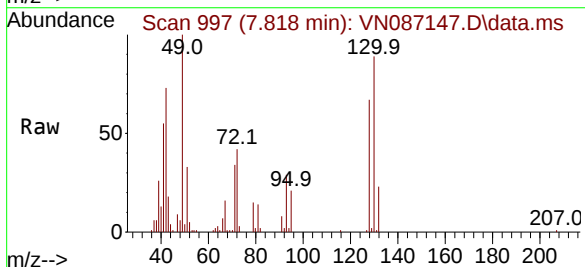
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#28
 Bromochloromethane
 Concen: 43.998 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN087147.D
 Acq: 20 Jun 2025 17:54

Tgt Ion: 49 Resp: 78711
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 89.7 62.2 93.2





#29

Tetrahydrofuran

Concen: 213.461 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 260775

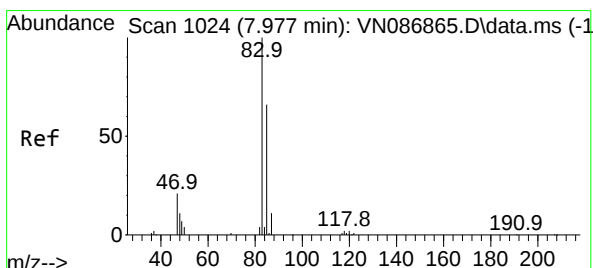
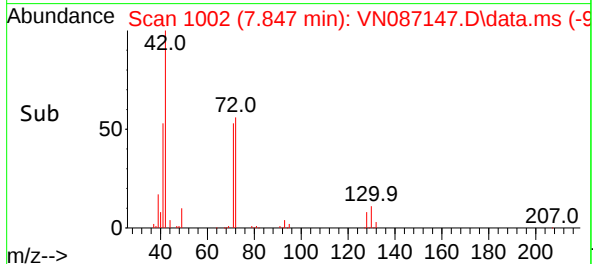
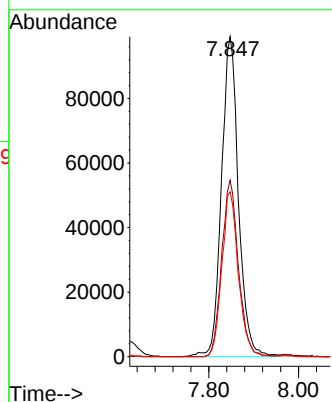
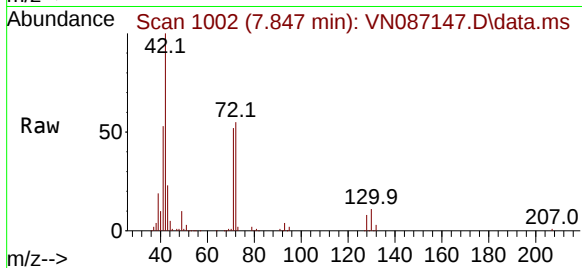
Ion	Ratio	Lower	Upper
42	100		
72	54.4	37.8	56.6
71	50.0	35.6	53.4

Manual Integrations

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Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#30

Chloroform

Concen: 50.041 ug/l

RT: 7.971 min Scan# 1023

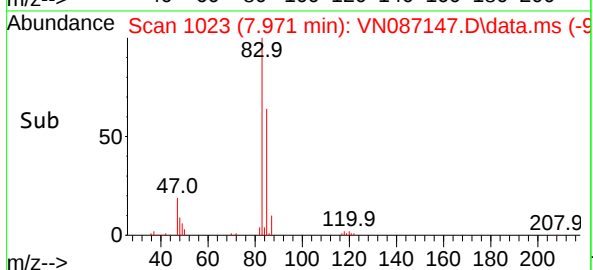
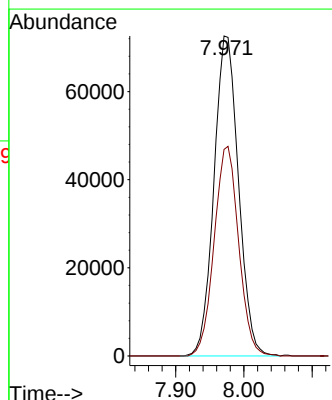
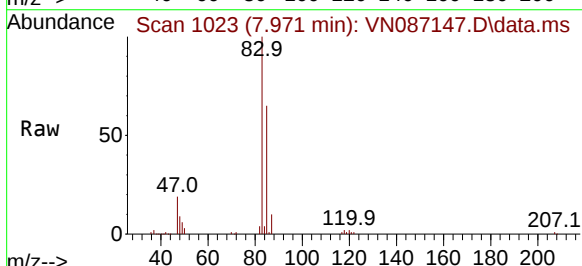
Delta R.T. -0.006 min

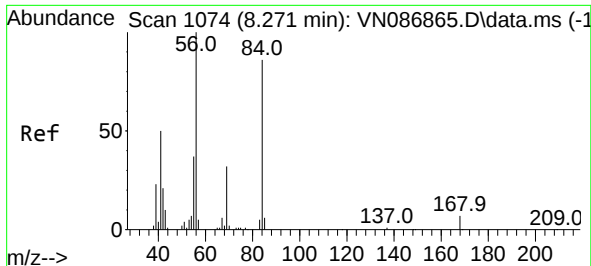
Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

Tgt Ion: 83 Resp: 181830

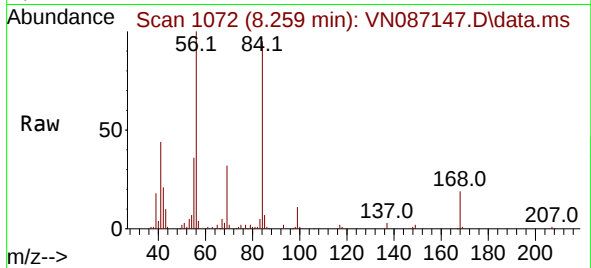
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.9	79.3





#31
Cyclohexane
Concen: 45.664 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.012 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

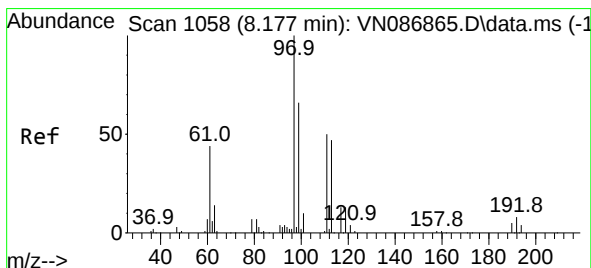
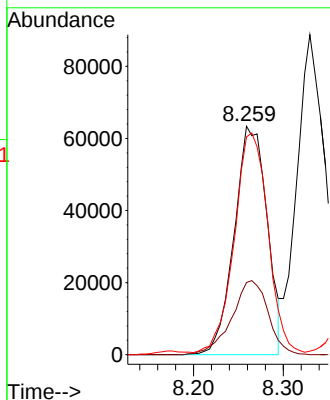
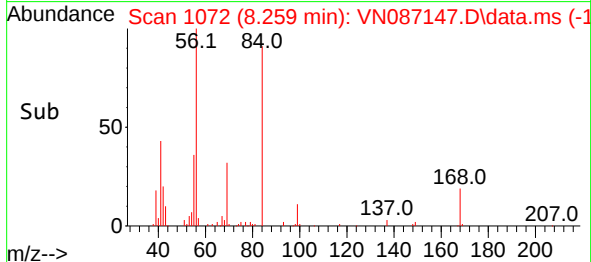
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



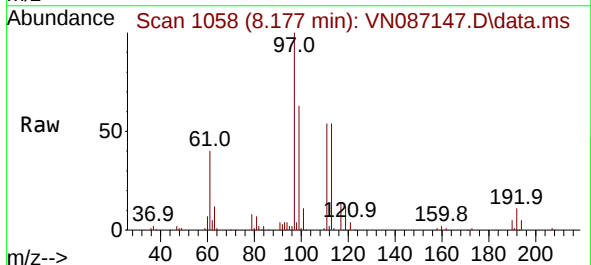
Tgt Ion: 56 Resp: 161129
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 94.1 68.8 103.2

Manual Integrations
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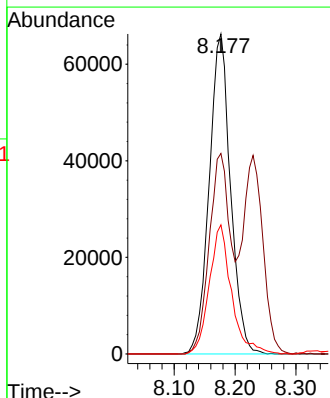
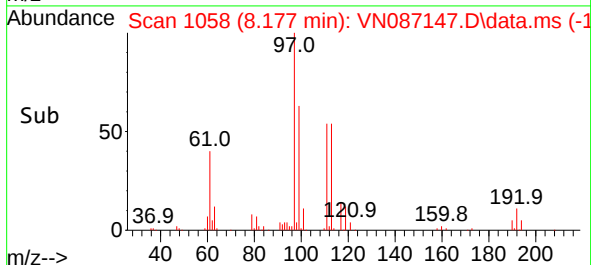
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

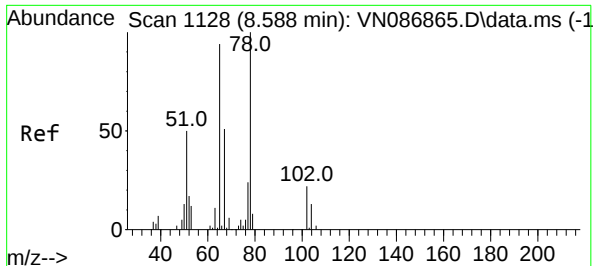


#32
1,1,1-Trichloroethane
Concen: 52.220 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



Tgt Ion: 97 Resp: 161384
Ion Ratio Lower Upper
97 100
99 61.7 52.0 78.0
61 41.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 45.598 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9920

Ion Ratio Lower Upper

65 100

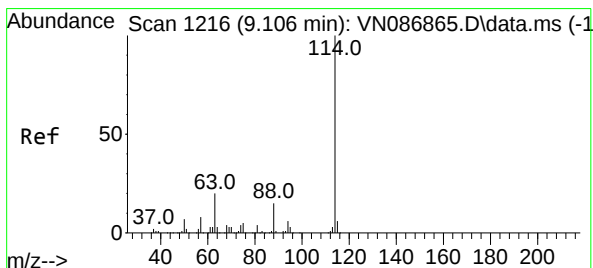
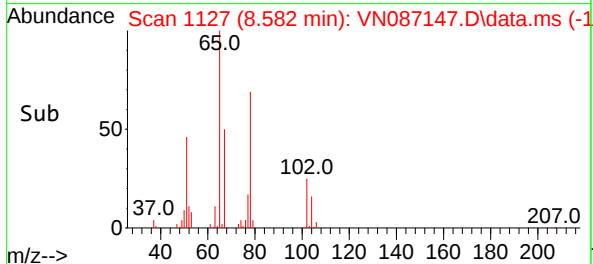
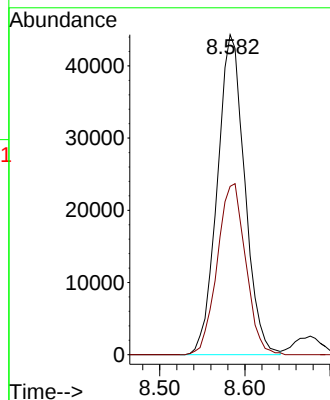
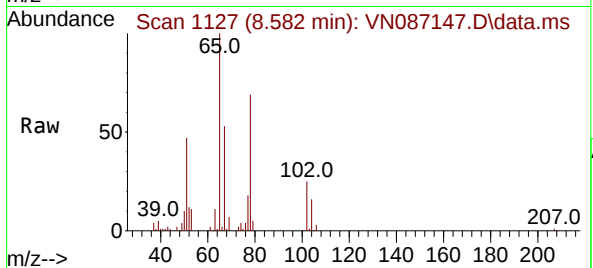
67 55.3 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

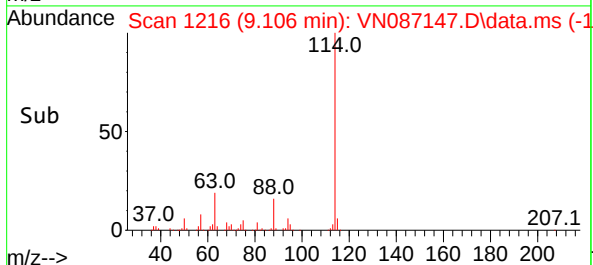
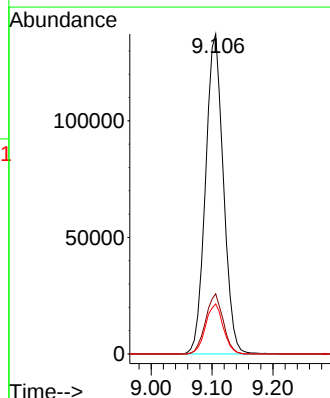
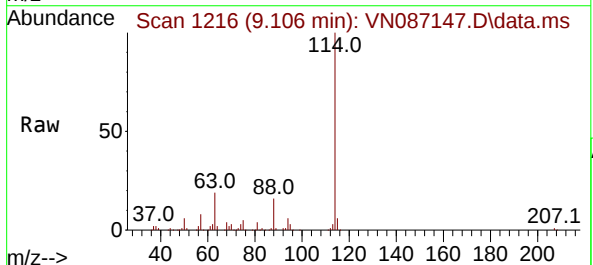
Tgt Ion:114 Resp: 279471

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.506 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 8696

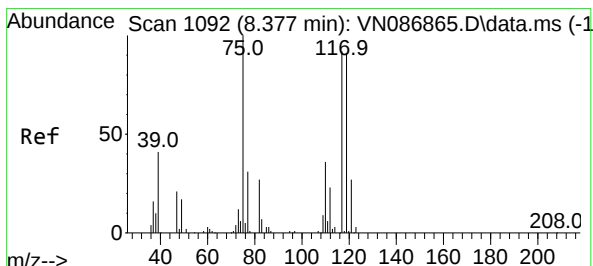
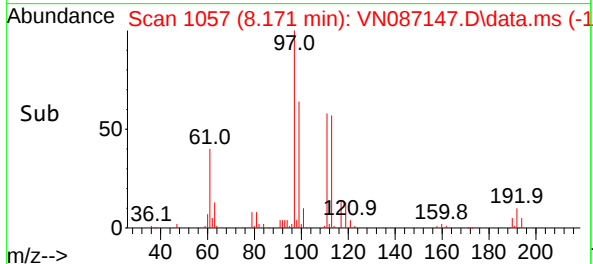
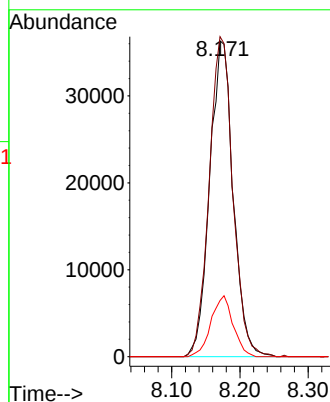
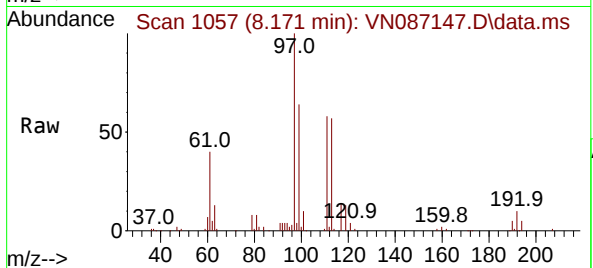
Ion	Ratio	Lower	Upper
113	100		
111	102.4	84.2	126.2
192	18.2	14.2	21.4

Manual Integrations

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Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#36

1,1-Dichloropropene

Concen: 52.039 ug/l

RT: 8.377 min Scan# 1092

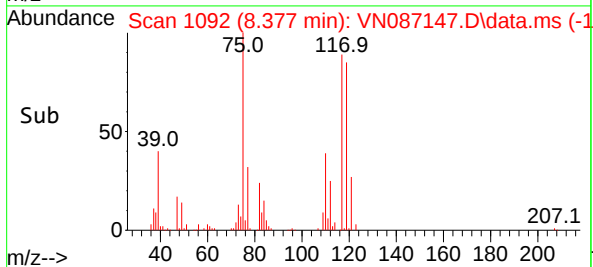
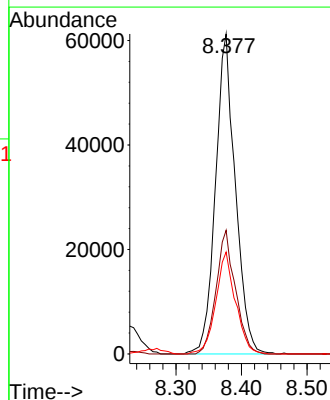
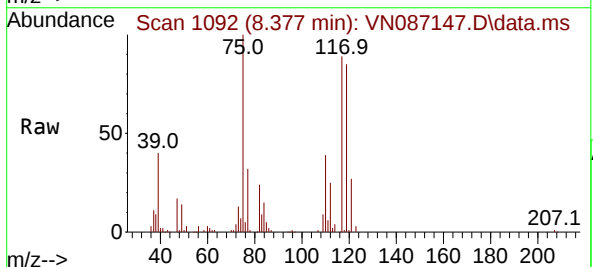
Delta R.T. -0.000 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

Tgt Ion: 75 Resp: 128427

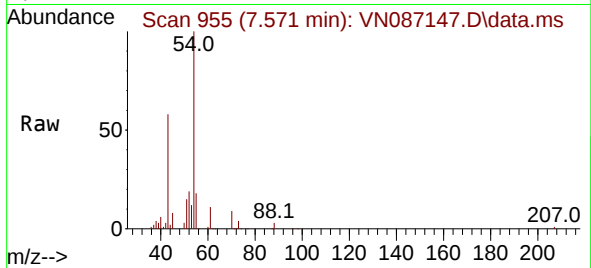
Ion	Ratio	Lower	Upper
75	100		
110	37.6	17.6	52.9
77	31.6	25.3	37.9





#37
Ethyl Acetate
Concen: 48.403 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

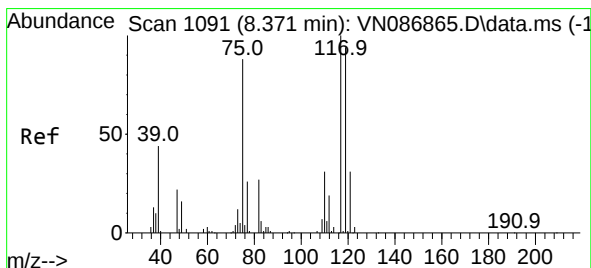
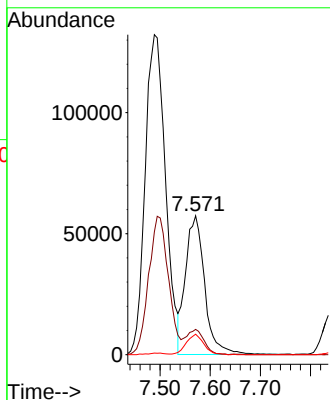
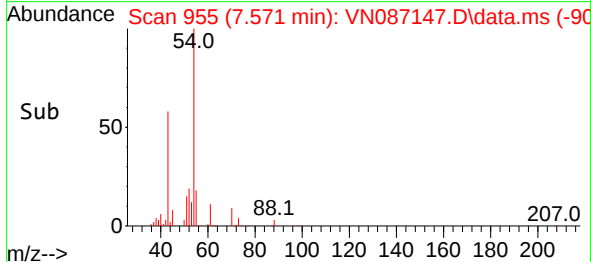
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15206
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 13.5 9.8 14.6

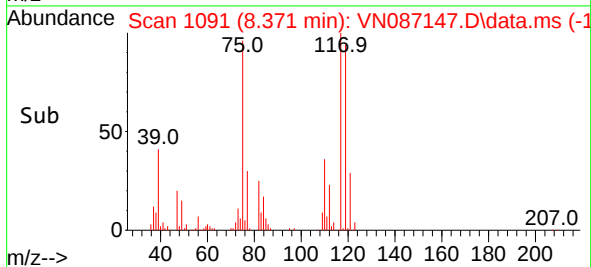
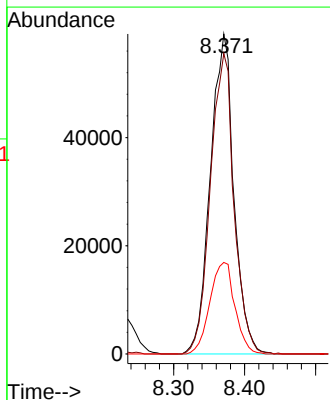
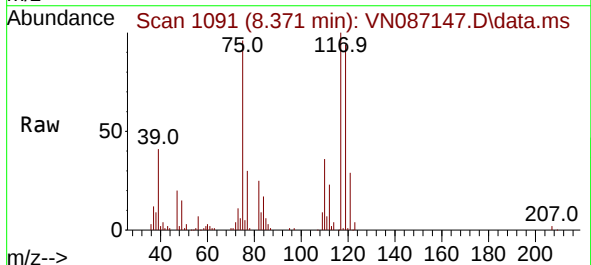
Manual Integrations
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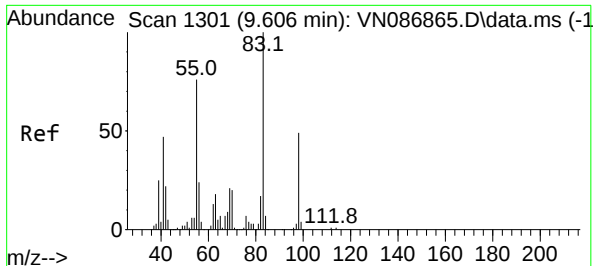
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#38
Carbon Tetrachloride
Concen: 56.067 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

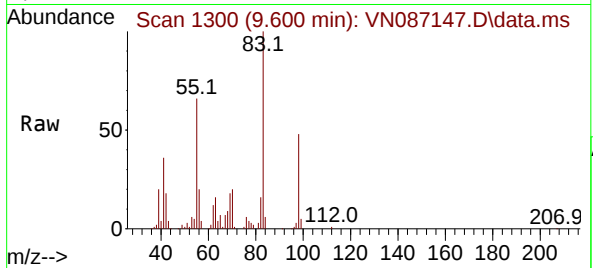
Tgt Ion:117 Resp: 135845
Ion Ratio Lower Upper
117 100
119 93.9 75.0 112.6
121 28.6 24.9 37.3





#39
Methylcyclohexane
Concen: 43.190 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

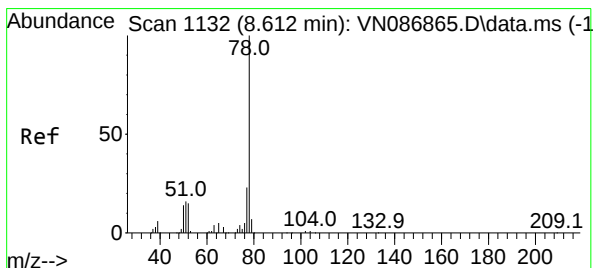
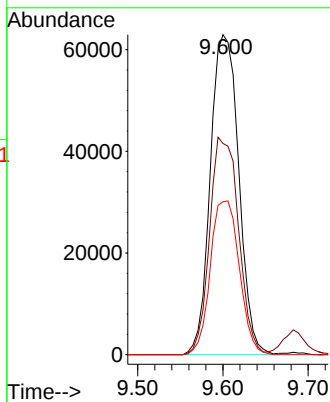
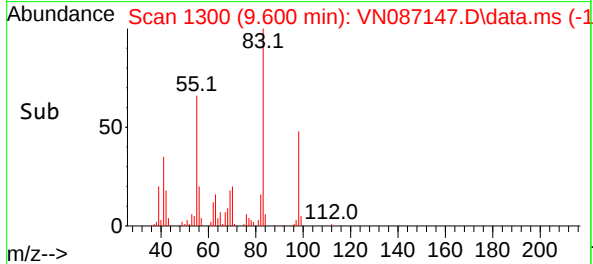
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 14603
Ion Ratio Lower Upper
83 100
55 66.0 61.0 91.6
98 47.8 38.9 58.3

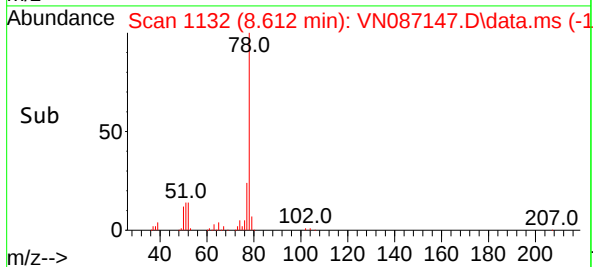
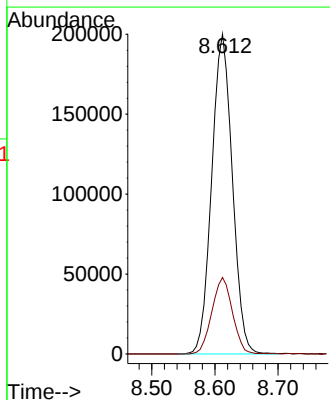
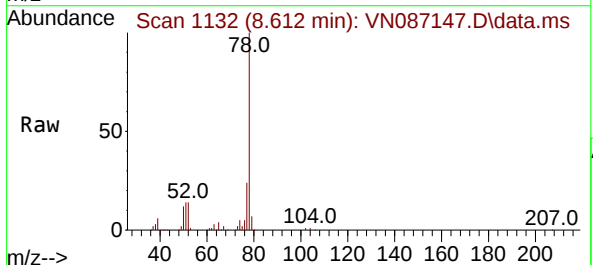
Manual Integrations
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Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#40
Benzene
Concen: 56.276 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

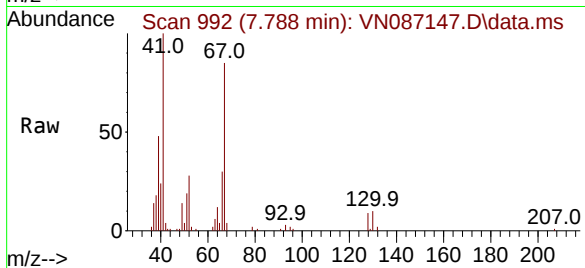
Tgt Ion: 78 Resp: 454159
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1





#41
Methacrylonitrile
Concen: 45.923 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

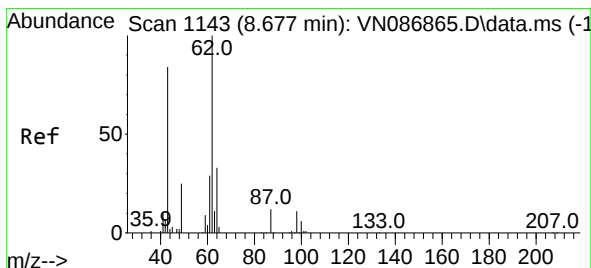
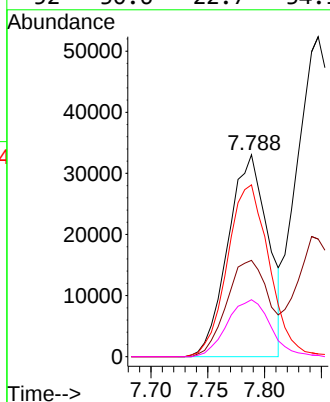
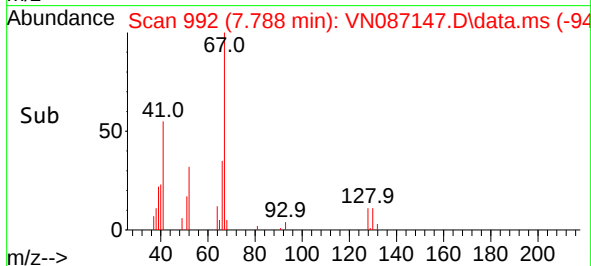
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 81020
Ion Ratio Lower Upper
41 100
39 50.0 41.2 61.8
67 89.4 61.4 92.2
52 30.6 22.7 34.1

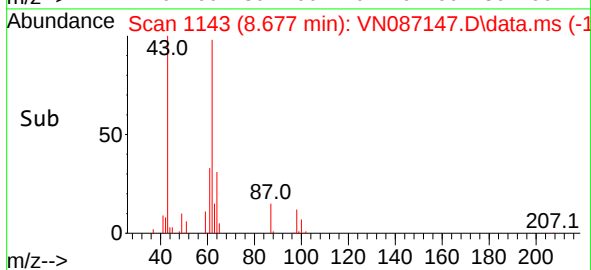
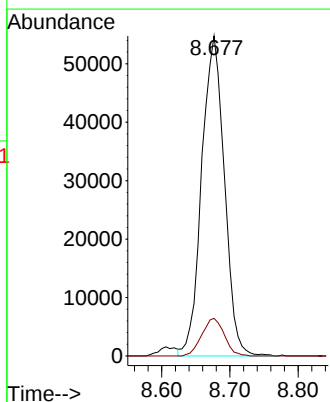
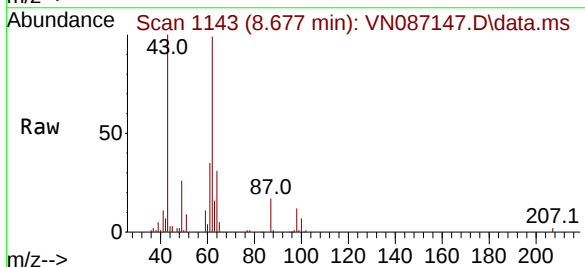
Manual Integrations
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Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#42
1,2-Dichloroethane
Concen: 51.905 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

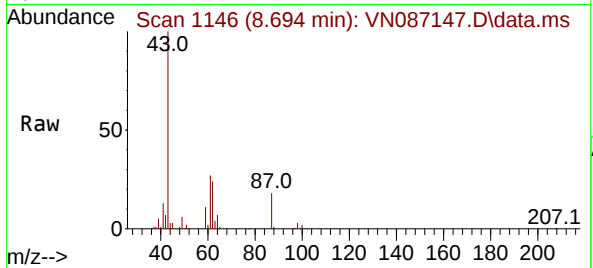
Tgt Ion: 62 Resp: 127052
Ion Ratio Lower Upper
62 100
98 11.6 0.0 21.2





#43
Isopropyl Acetate
Concen: 45.980 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

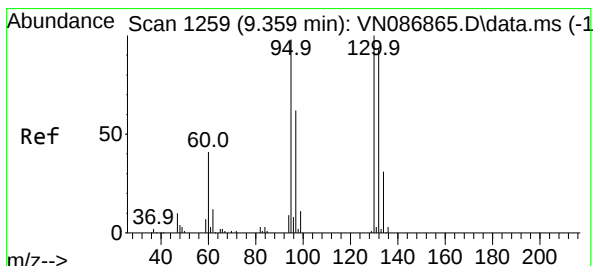
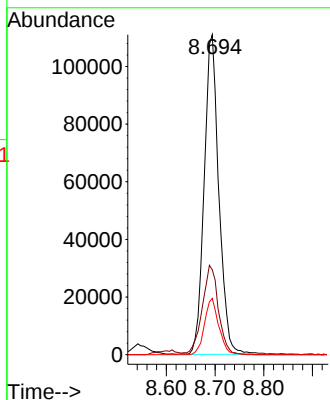
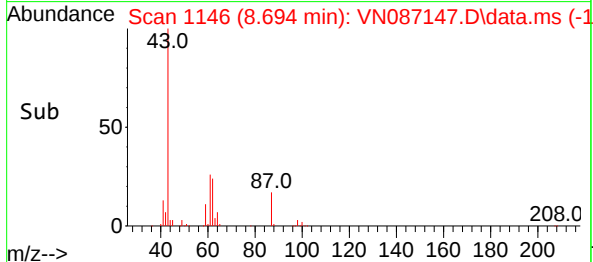
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 231848
Ion Ratio Lower Upper
43 100
61 31.0 22.1 33.1
87 17.1 11.8 17.6

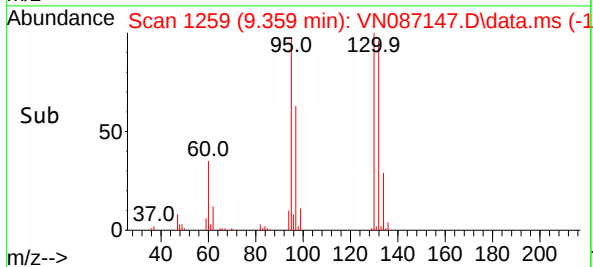
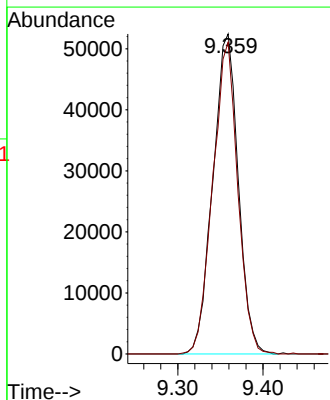
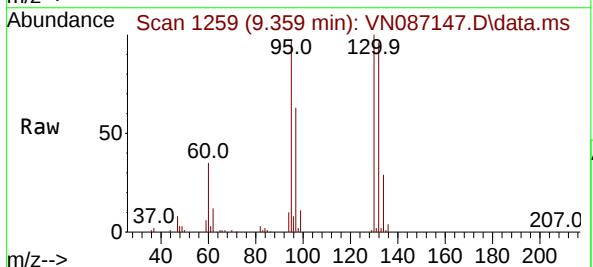
Manual Integrations
APPROVED

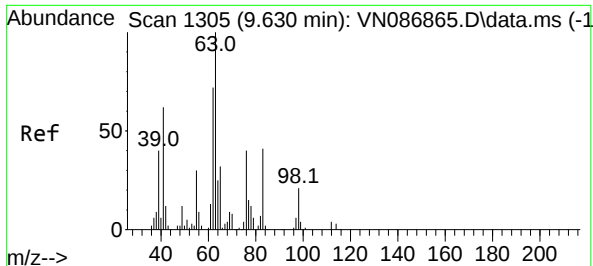
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#44
Trichloroethene
Concen: 56.627 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Tgt Ion:130 Resp: 108360
Ion Ratio Lower Upper
130 100
95 97.4 0.0 196.2





#45

1,2-Dichloropropane

Concen: 49.248 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9669

Ion Ratio Lower Upper

63 100

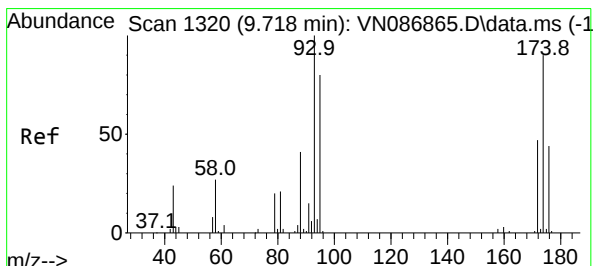
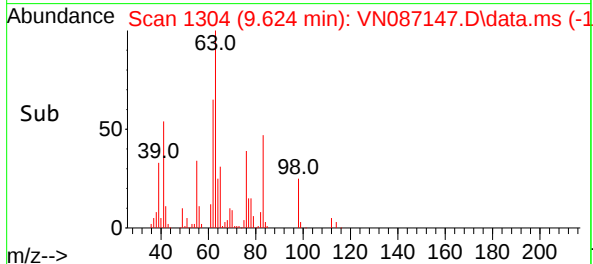
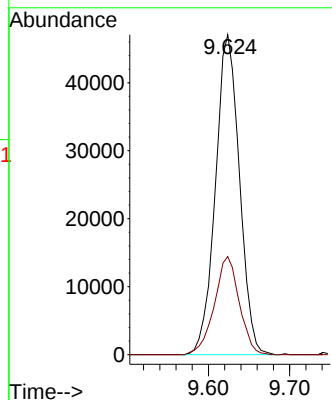
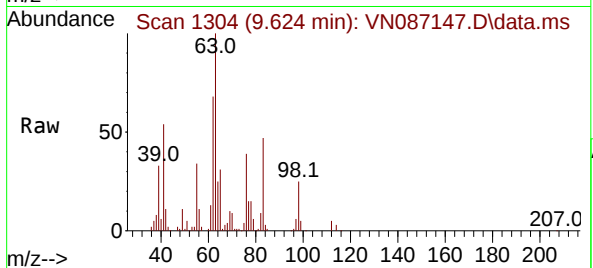
65 30.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#46

Dibromomethane

Concen: 58.513 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

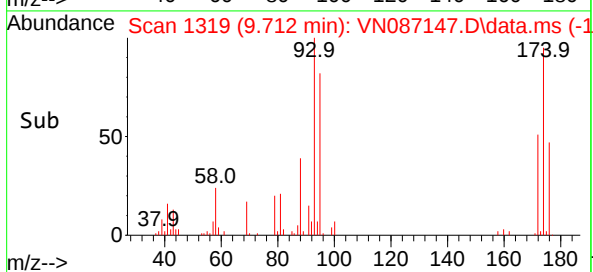
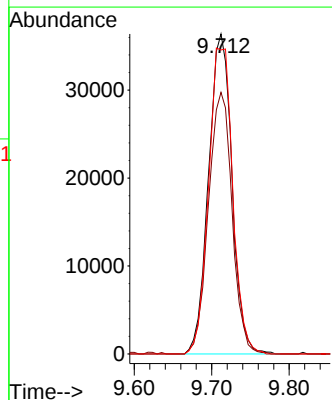
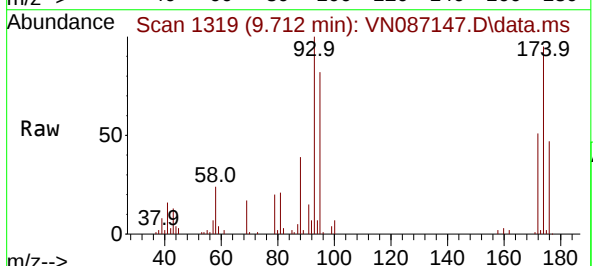
Tgt Ion: 93 Resp: 76307

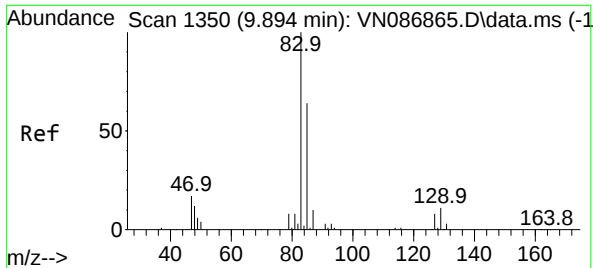
Ion Ratio Lower Upper

93 100

95 82.6 67.1 100.7

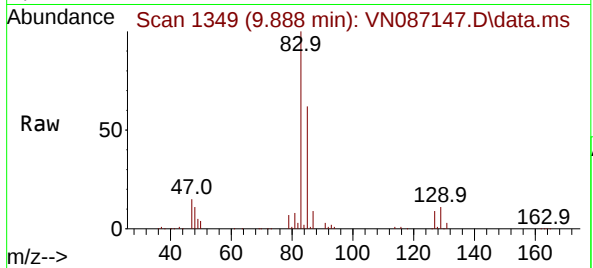
174 98.8 74.2 111.4





#47
Bromodichloromethane
Concen: 53.664 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

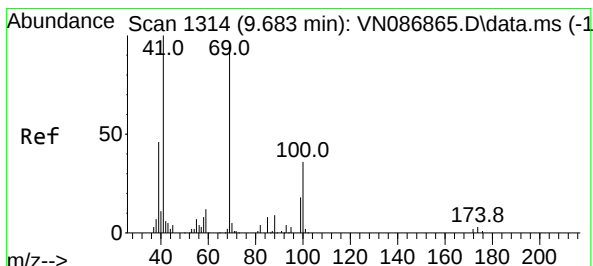
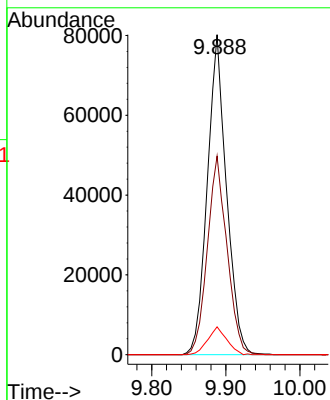
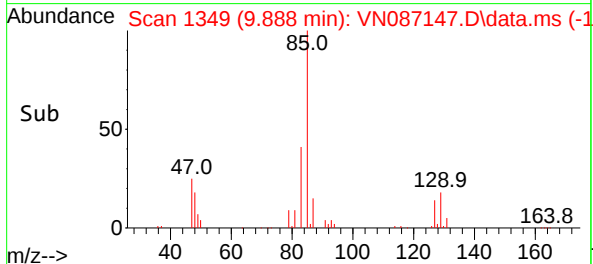
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 143989
Ion Ratio Lower Upper
83 100
85 62.0 50.9 76.3
127 8.7 6.6 10.0

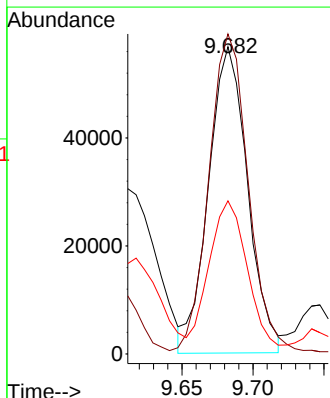
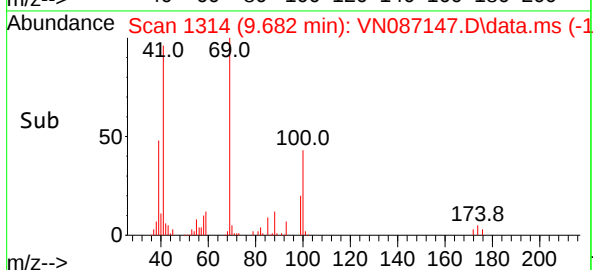
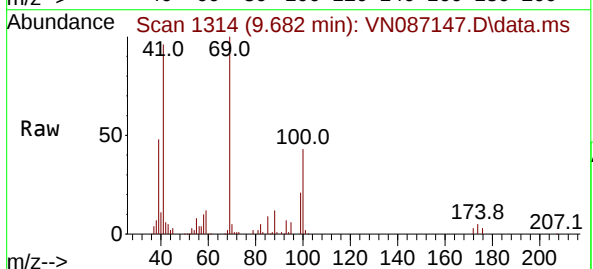
Manual Integrations
APPROVED

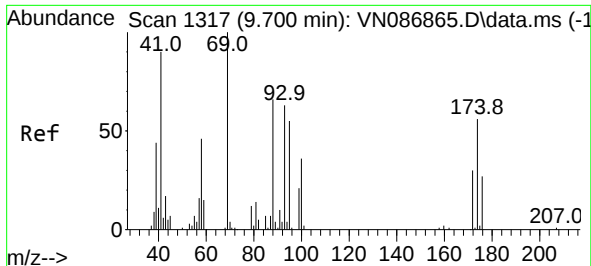
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#48
Methyl methacrylate
Concen: 46.706 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Tgt Ion: 41 Resp: 108396
Ion Ratio Lower Upper
41 100
69 106.5 74.6 112.0
39 50.1 40.2 60.4





#49

1,4-Dioxane

Concen: 1004.308 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

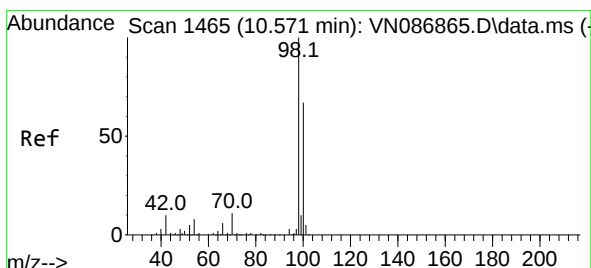
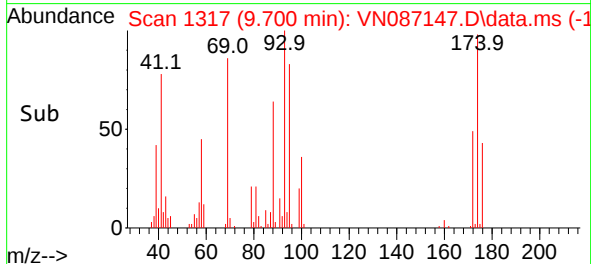
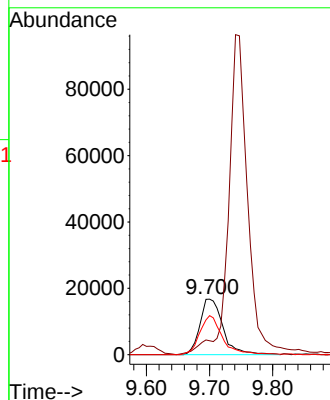
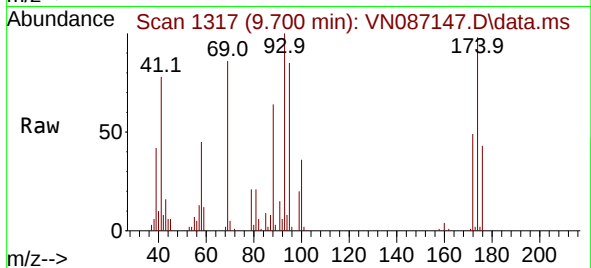
Tgt Ion: 88 Resp: 4240
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 69.3 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#50

Toluene-d8

Concen: 53.787 ug/l

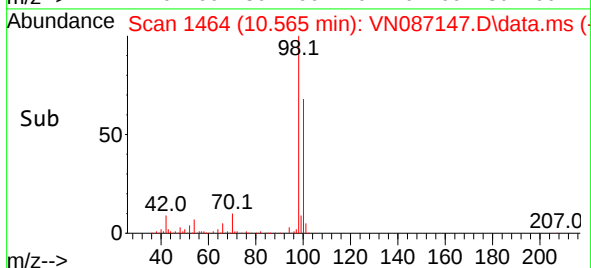
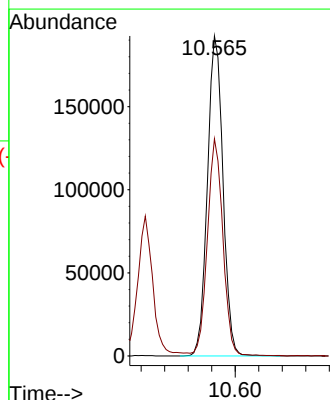
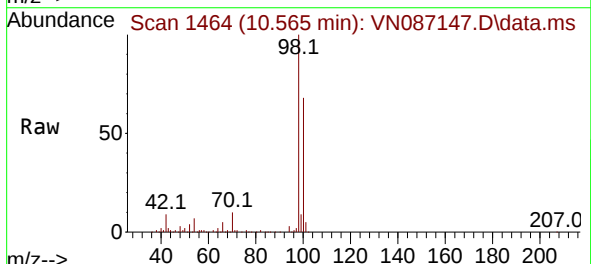
RT: 10.565 min Scan# 1464

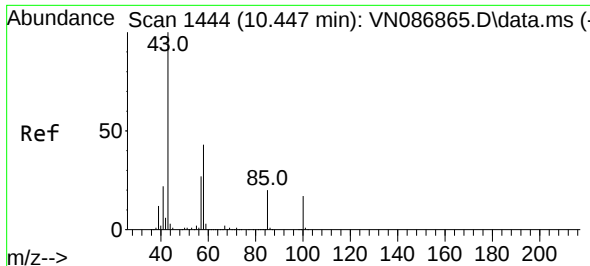
Delta R.T. -0.006 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

Tgt Ion: 98 Resp: 352657
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.4 80.0





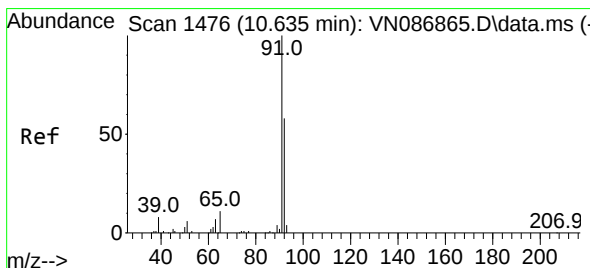
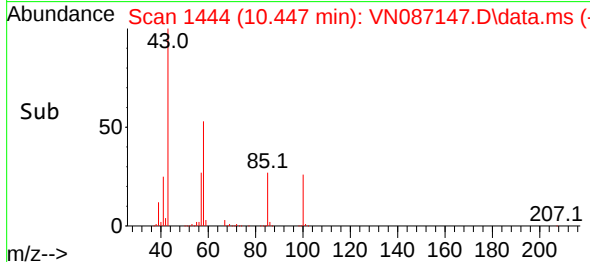
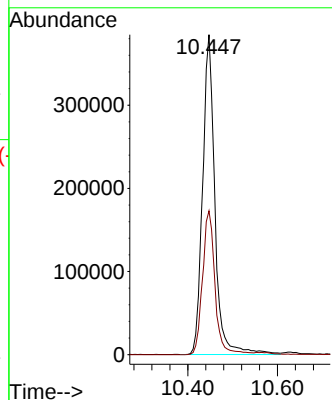
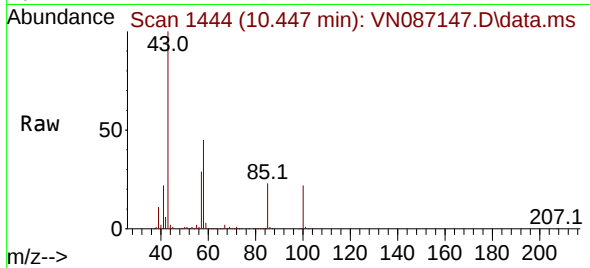
#51
4-Methyl-2-Pentanone
Concen: 241.238 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 732294
Ion Ratio Lower Upper
43 100
58 45.7 34.2 51.4

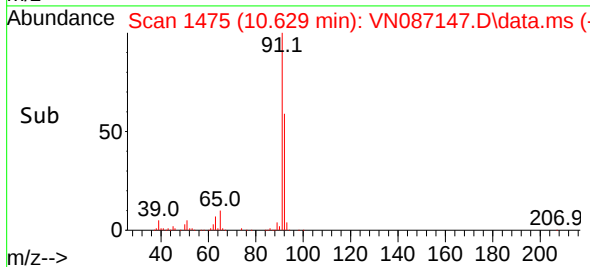
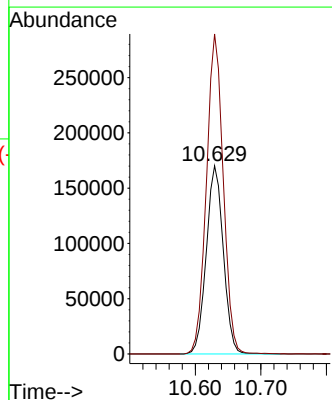
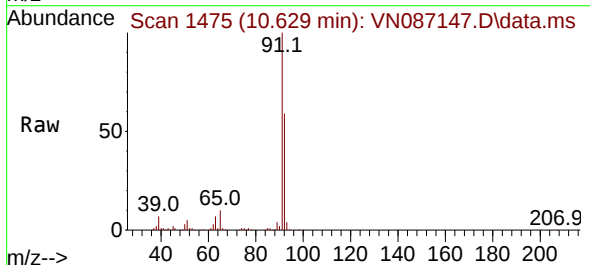
Manual Integrations
APPROVED

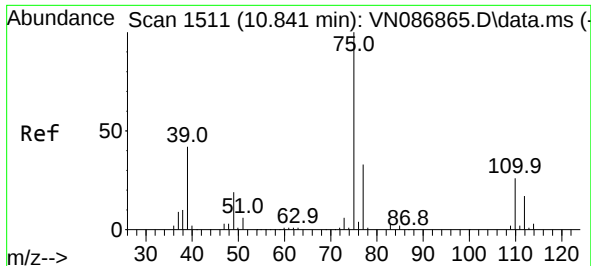
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#52
Toluene
Concen: 62.323 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

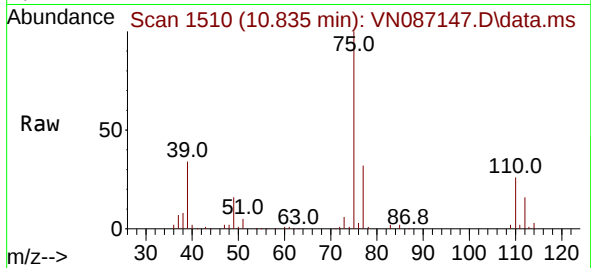
Tgt Ion: 92 Resp: 307372
Ion Ratio Lower Upper
92 100
91 168.2 136.5 204.7





#53
 t-1,3-Dichloropropene
 Concen: 59.240 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087147.D
 Acq: 20 Jun 2025 17:54

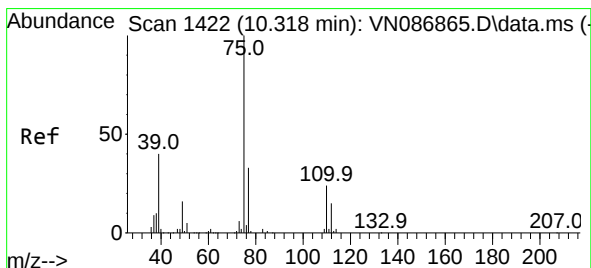
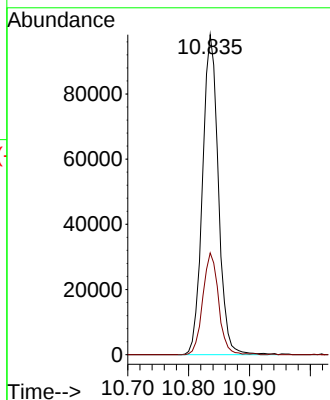
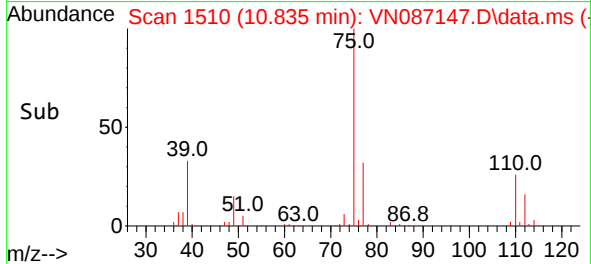
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



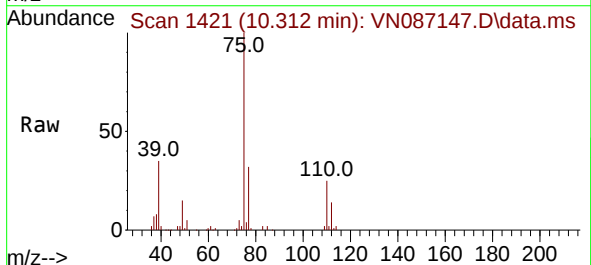
Tgt Ion: 75 Resp: 177738
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.4 39.6

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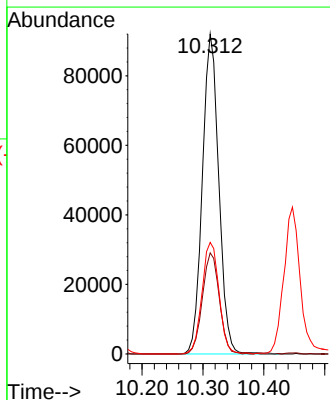
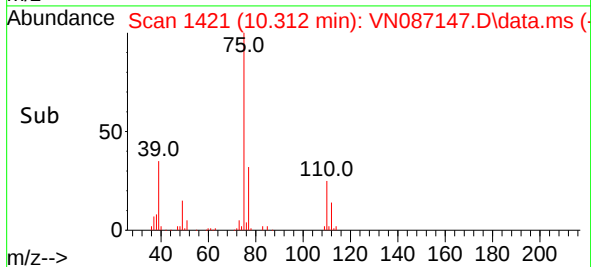
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

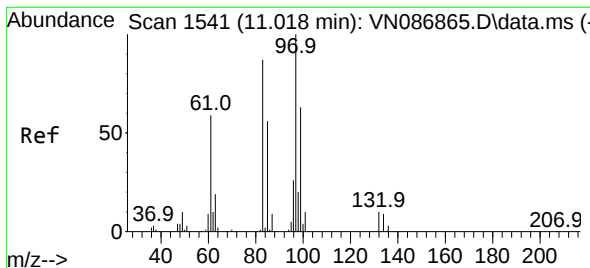


#54
 cis-1,3-Dichloropropene
 Concen: 53.743 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN087147.D
 Acq: 20 Jun 2025 17:54



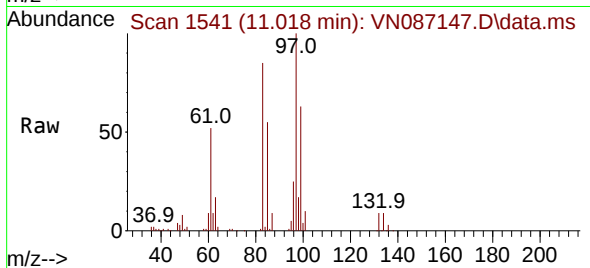
Tgt Ion: 75 Resp: 172528
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.2 39.4
 39 34.9 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 57.218 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

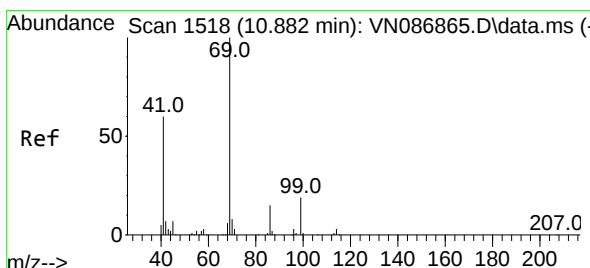
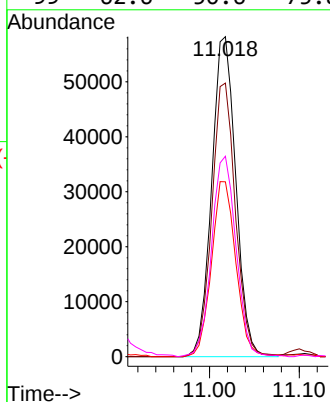
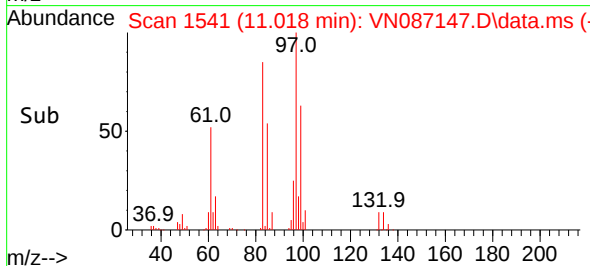
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



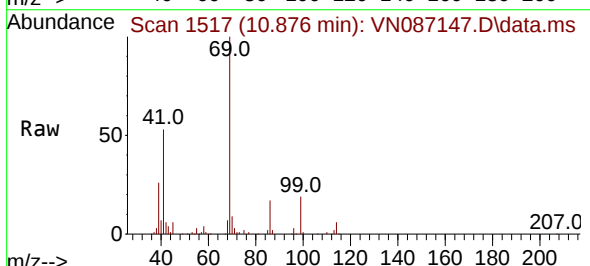
Tgt Ion: 97 Resp: 10858
Ion Ratio Lower Upper
97 100
83 85.5 69.7 104.5
85 54.7 45.1 67.7
99 62.6 50.6 75.8

Manual Integrations
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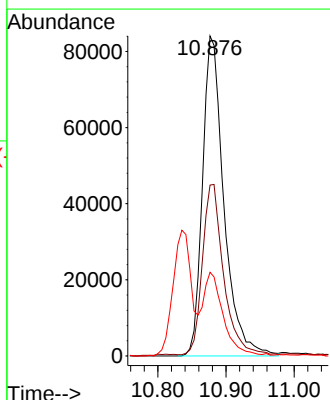
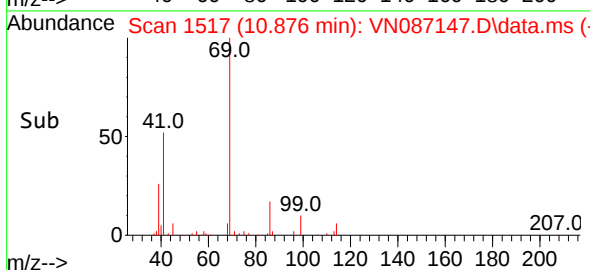
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

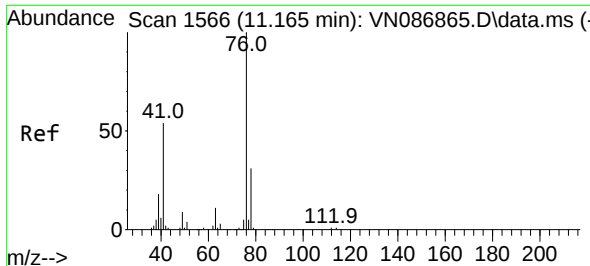


#56
Ethyl methacrylate
Concen: 60.789 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



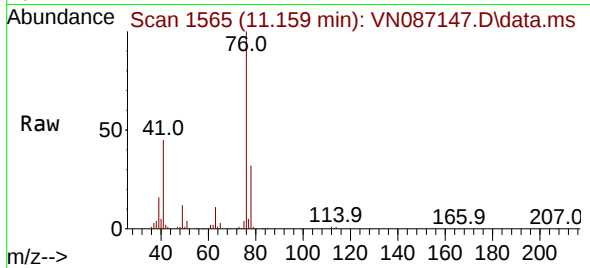
Tgt Ion: 69 Resp: 183741
Ion Ratio Lower Upper
69 100
41 52.5 47.2 70.8
39 23.8 23.0 34.6





#57
1,3-Dichloropropane
Concen: 57.638 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

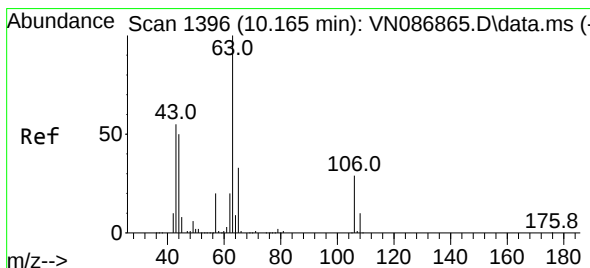
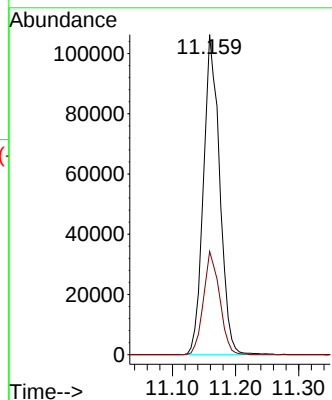
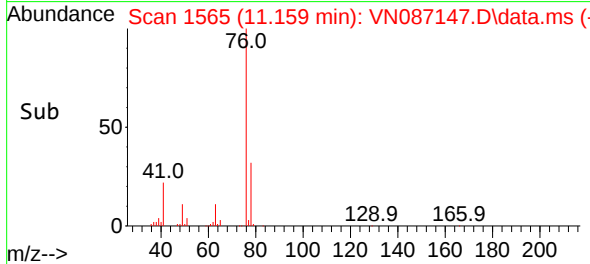
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 18974
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9

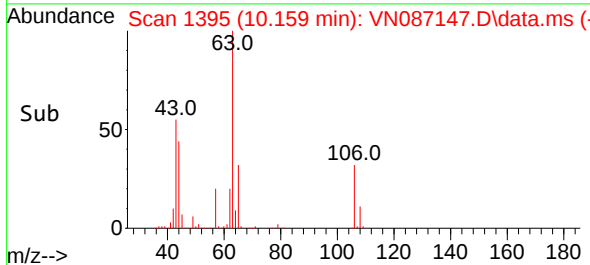
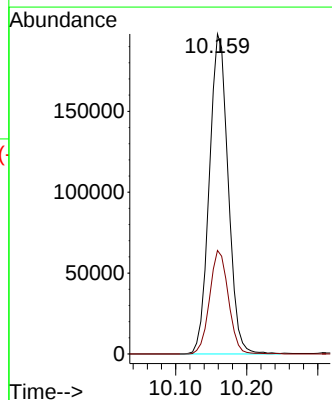
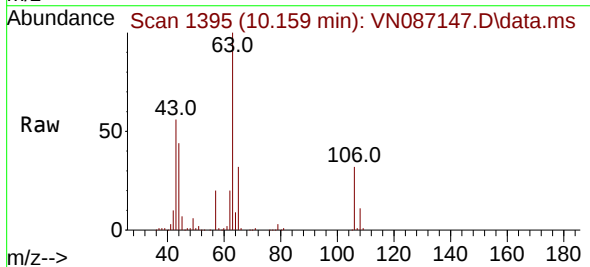
Manual Integrations
APPROVED

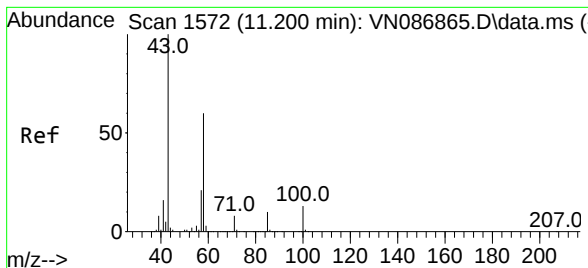
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#58
2-Chloroethyl Vinyl ether
Concen: 201.822 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

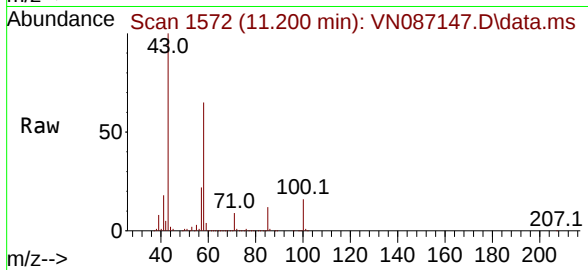
Tgt Ion: 63 Resp: 363849
Ion Ratio Lower Upper
63 100
106 32.3 23.0 34.6





#59
2-Hexanone
Concen: 241.346 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

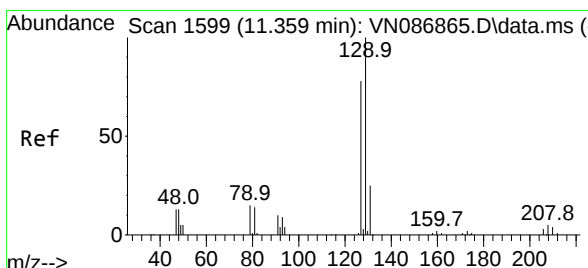
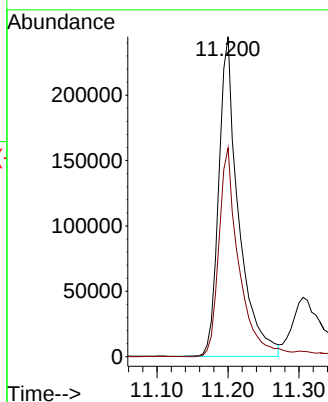
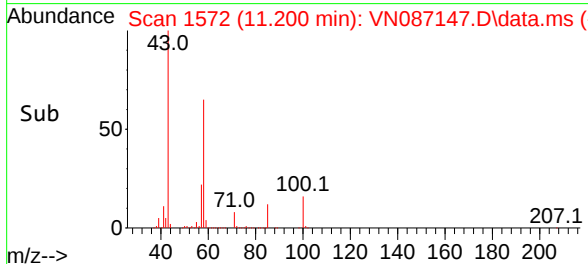
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 47190
Ion Ratio Lower Upper
43 100
58 66.2 30.4 91.3

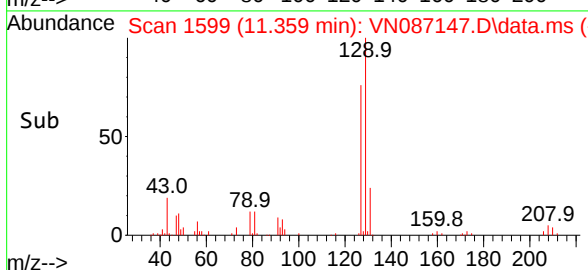
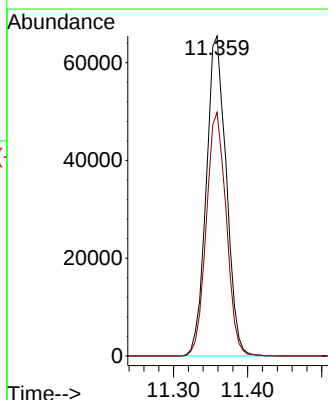
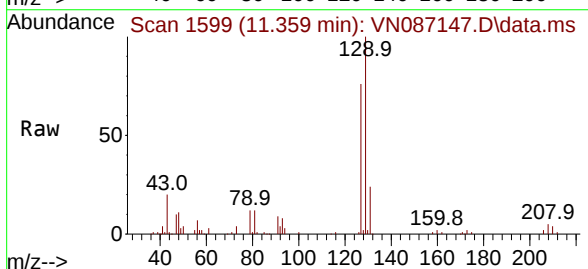
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#60
Dibromochloromethane
Concen: 62.018 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

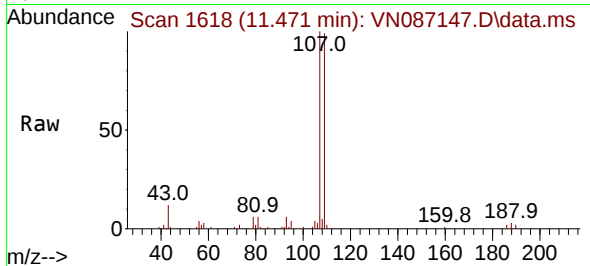
Tgt Ion:129 Resp: 122622
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 54.202 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

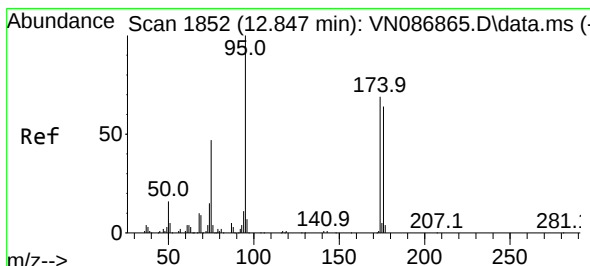
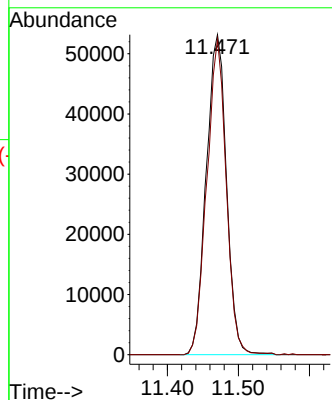
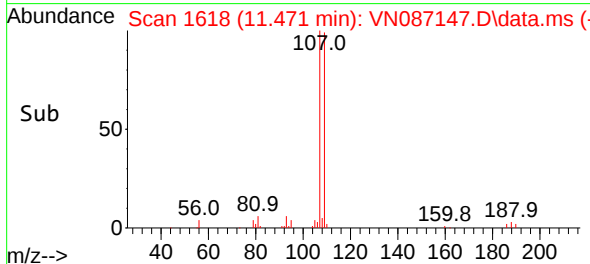
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



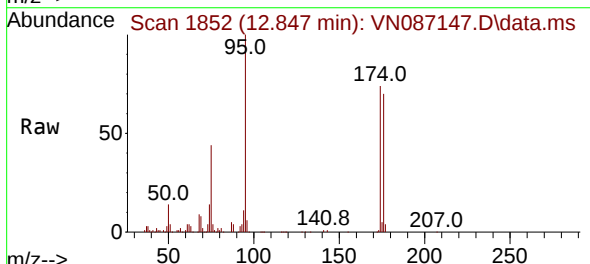
Tgt Ion:107 Resp: 105429
Ion Ratio Lower Upper
107 100
109 94.5 76.3 114.5

Manual Integrations
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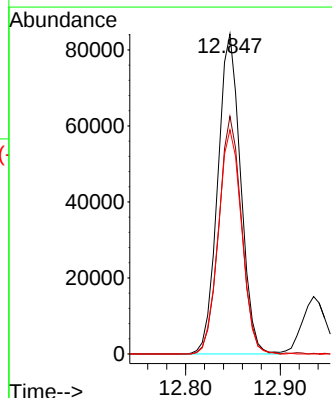
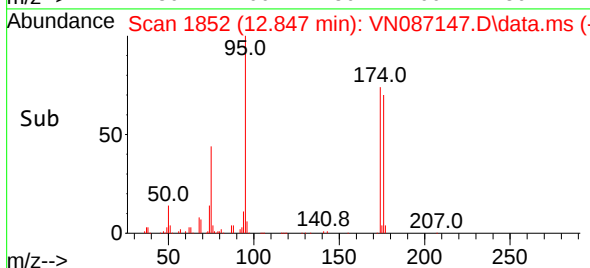
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

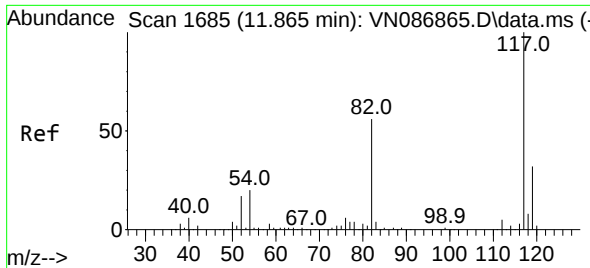


#62
4-Bromofluorobenzene
Concen: 58.111 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



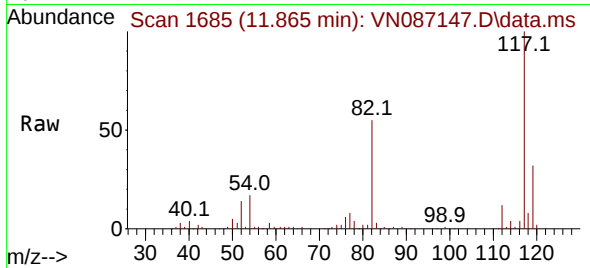
Tgt Ion: 95 Resp: 141555
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 71.5 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

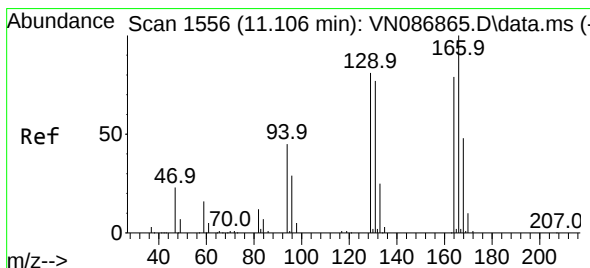
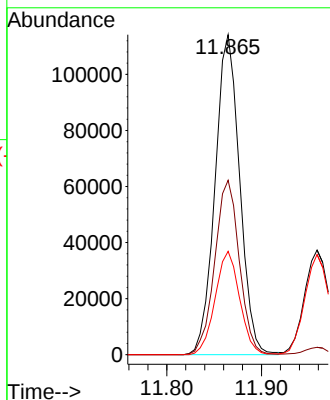
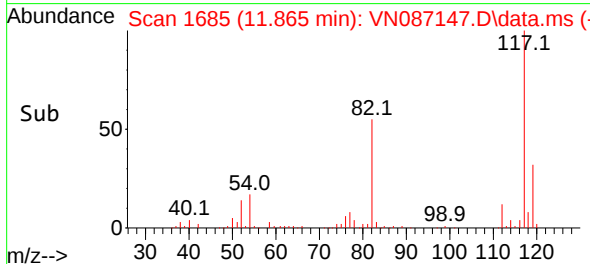
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



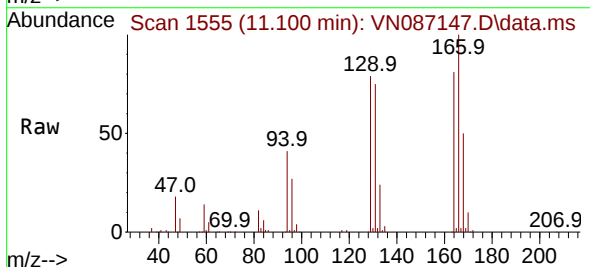
Tgt Ion:117 Resp: 206334
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 32.3 25.5 38.3

Manual Integrations
APPROVED

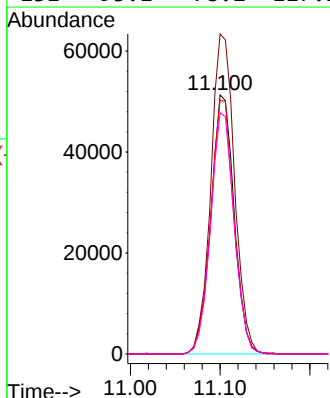
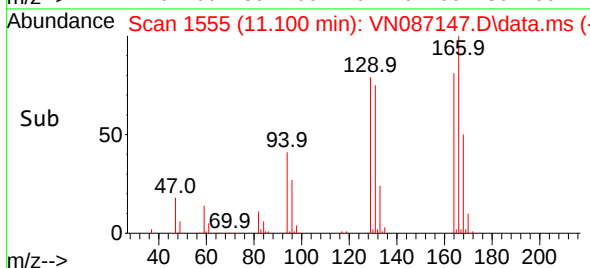
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

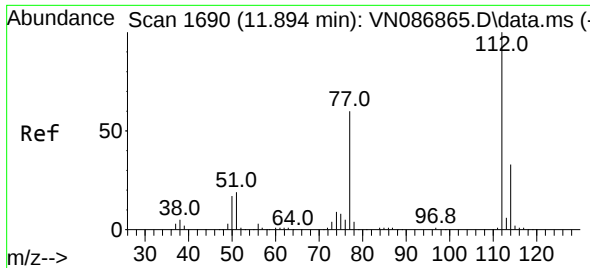


#64
Tetrachloroethene
Concen: 70.838 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



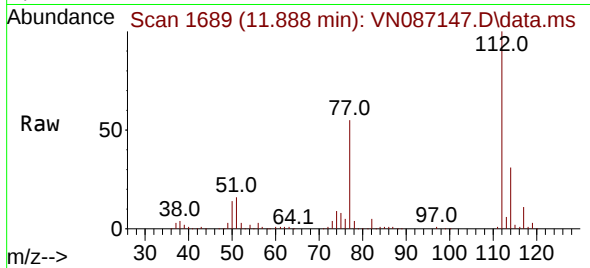
Tgt Ion:164 Resp: 92502
Ion Ratio Lower Upper
164 100
166 123.5 101.8 152.8
129 97.9 83.0 124.4
131 93.1 78.2 117.2





#65
Chlorobenzene
Concen: 58.594 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

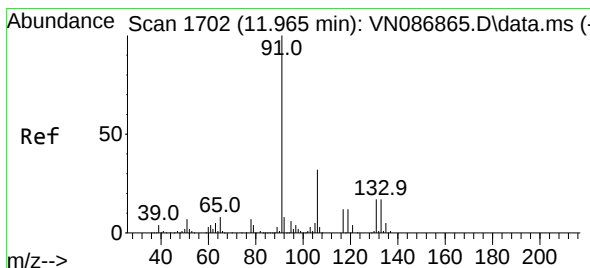
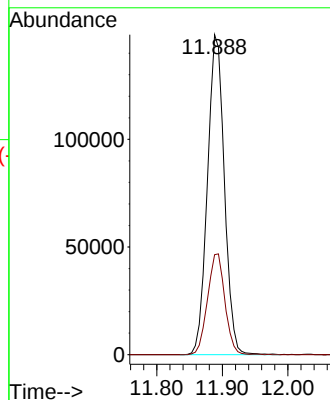
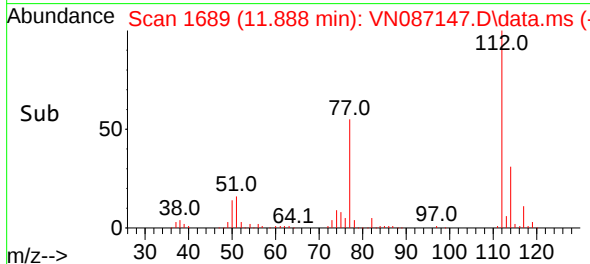
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 266649
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.2

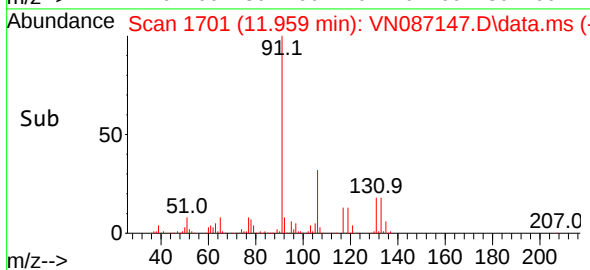
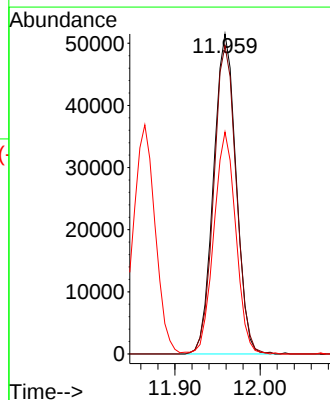
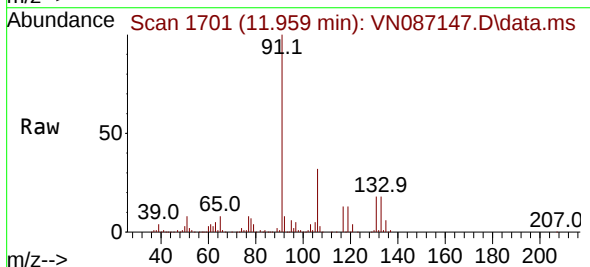
Manual Integrations
APPROVED

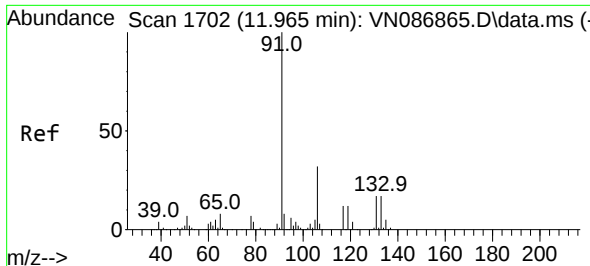
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 64.668 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Tgt Ion:131 Resp: 94599
Ion Ratio Lower Upper
131 100
133 96.1 48.3 144.8
119 67.8 34.0 101.8





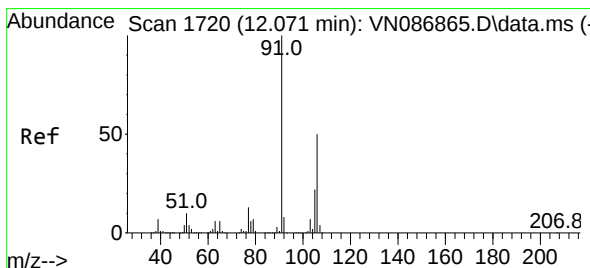
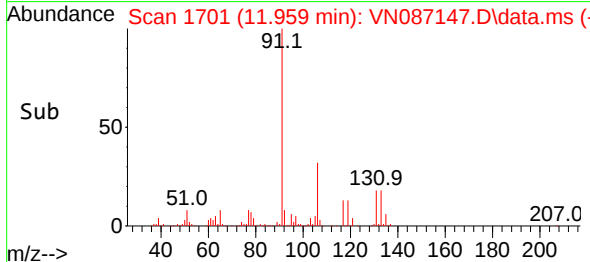
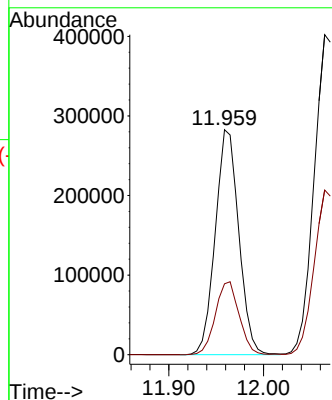
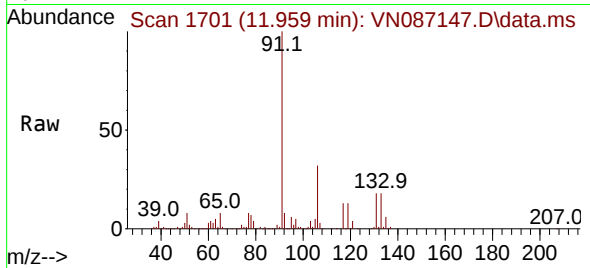
#67
Ethyl Benzene
Concen: 62.207 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 487610
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

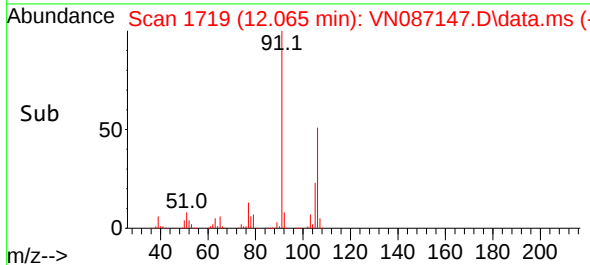
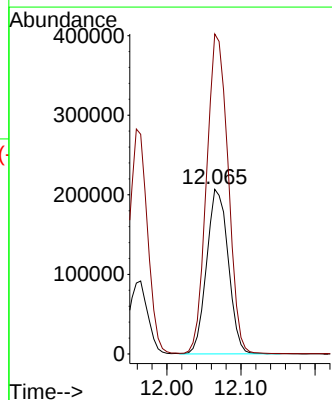
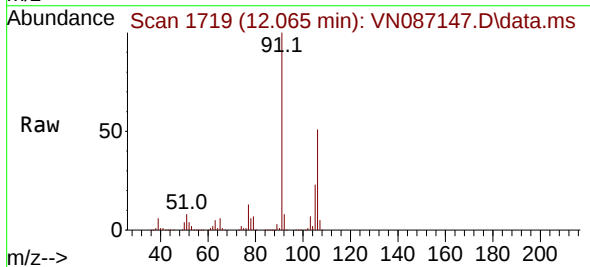
Manual Integrations
APPROVED

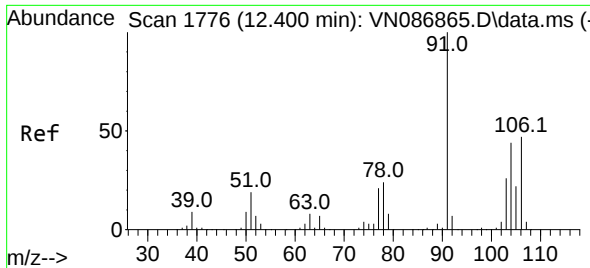
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#68
m/p-Xylenes
Concen: 139.501 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Tgt Ion:106 Resp: 418589
Ion Ratio Lower Upper
106 100
91 193.8 159.4 239.0





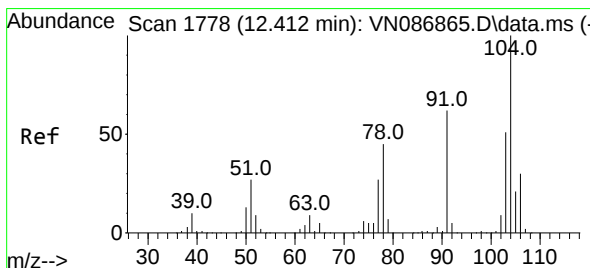
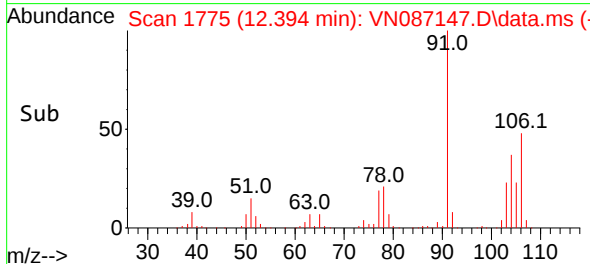
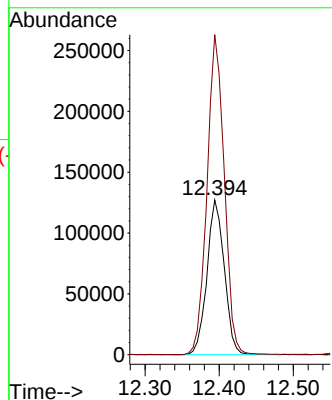
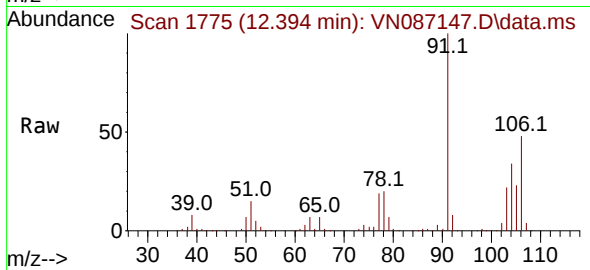
#69
o-Xylene
Concen: 72.064 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 207100
Ion Ratio Lower Upper
106 100
91 205.9 106.1 318.1

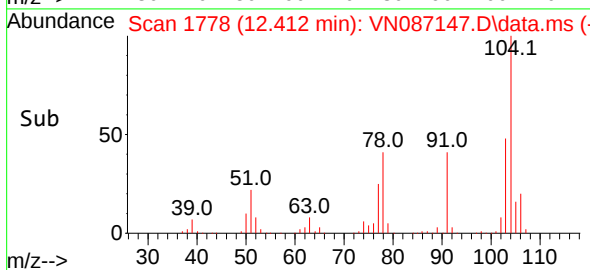
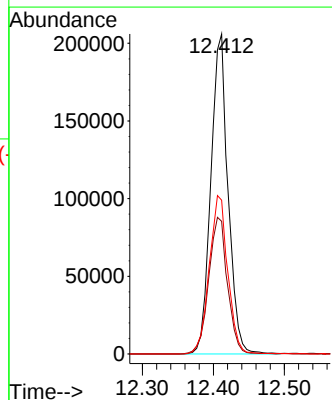
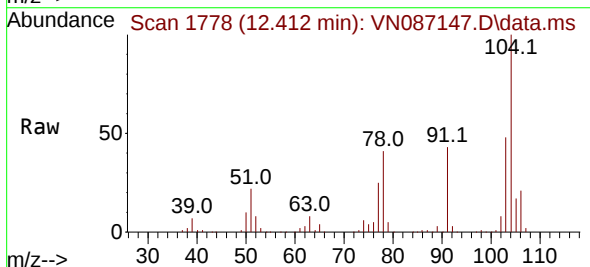
Manual Integrations
APPROVED

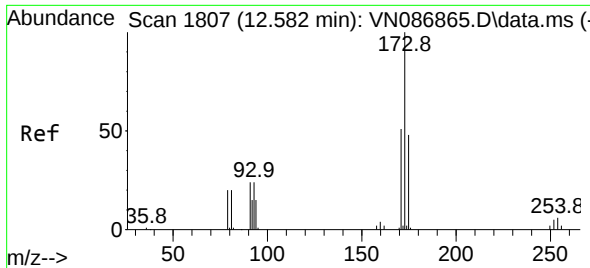
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#70
Styrene
Concen: 70.352 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

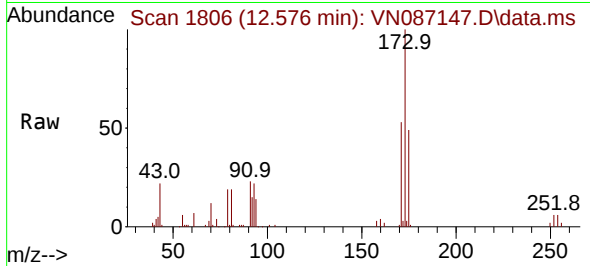
Tgt Ion:104 Resp: 345963
Ion Ratio Lower Upper
104 100
78 46.7 38.5 57.7
103 53.5 43.1 64.7





#71
Bromoform
Concen: 77.037 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

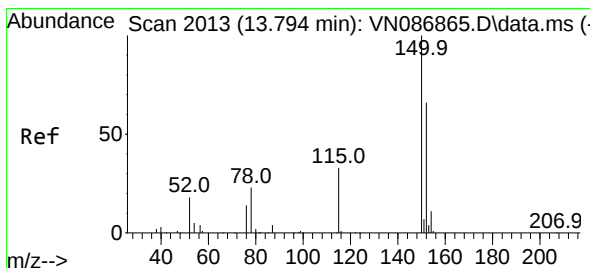
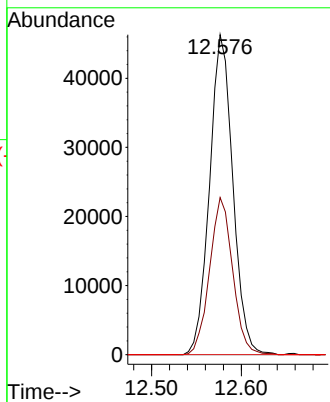
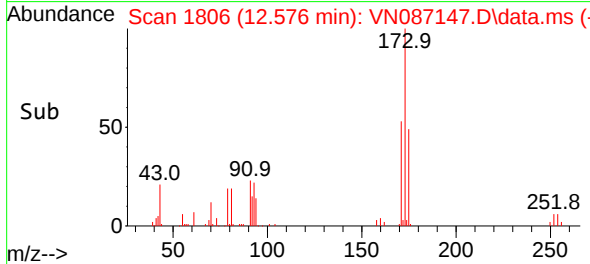
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



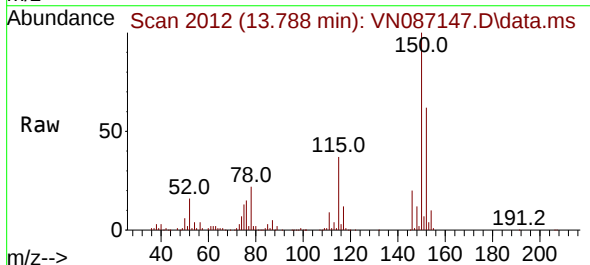
Tgt Ion:173 Resp: 83499
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

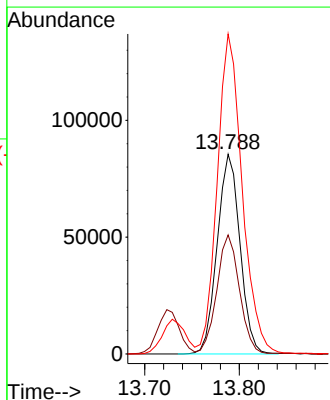
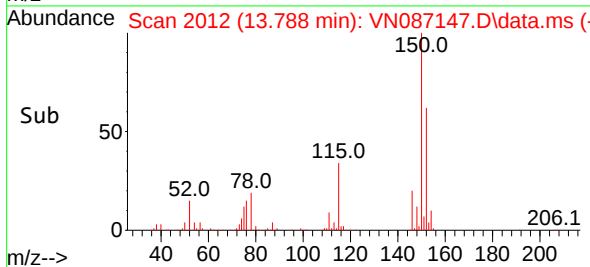
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

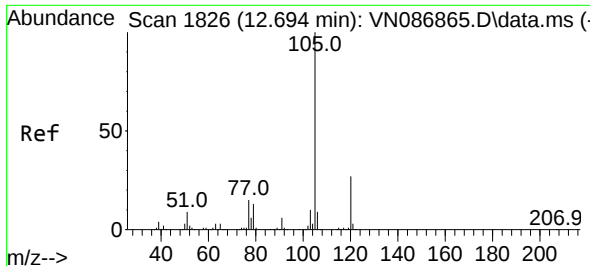


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



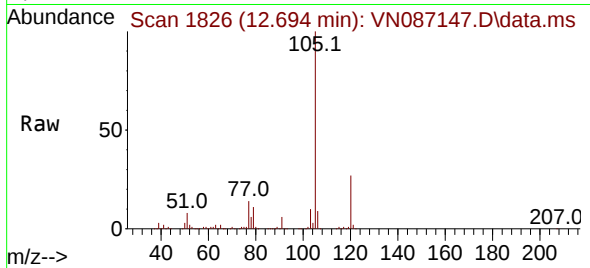
Tgt Ion:152 Resp: 142845
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.5
150 176.1 0.0 345.0





#73
Isopropylbenzene
Concen: 52.867 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

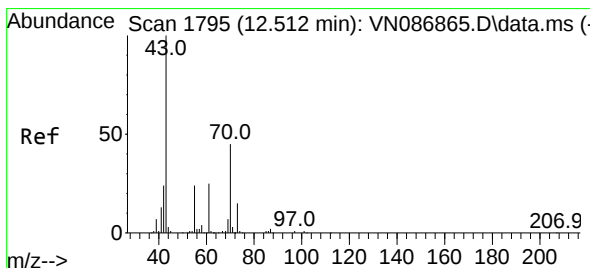
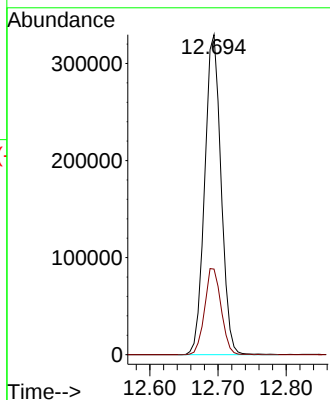
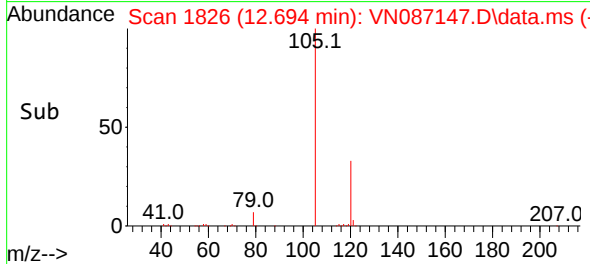
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



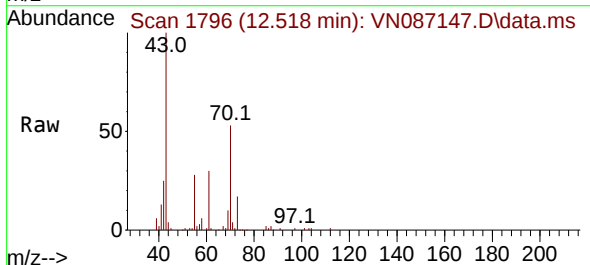
Tgt Ion:105 Resp: 550154
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations
APPROVED

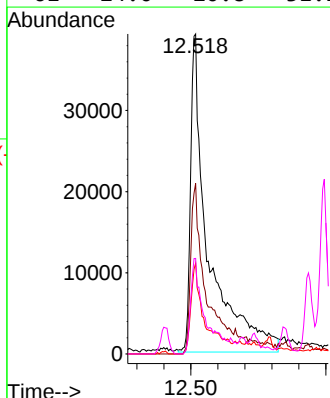
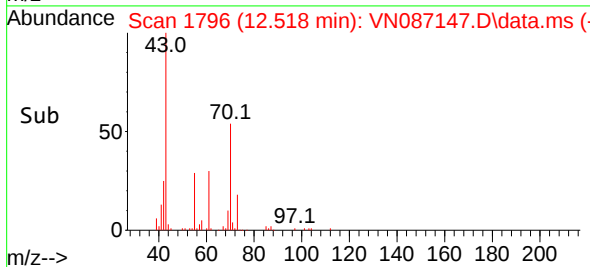
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

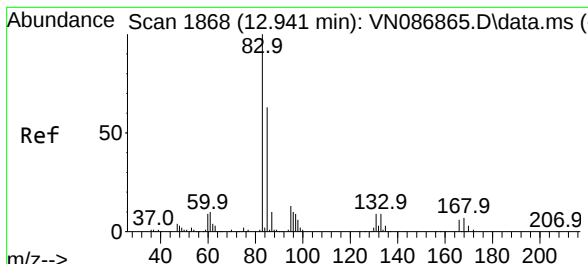


#74
N-ethyl acetate
Concen: 49.099 ug/l m
RT: 12.518 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



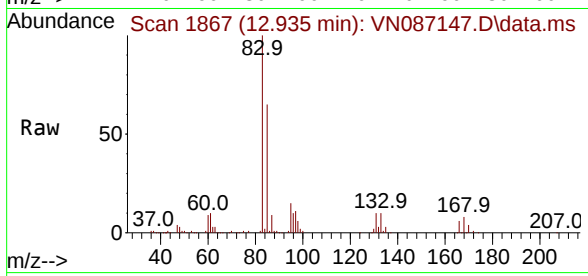
Tgt Ion: 43 Resp: 178547
Ion Ratio Lower Upper
43 100
70 45.0 37.6 56.4
55 22.5 19.0 28.6
61 24.0 20.8 31.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.726 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN087147.D
 Acq: 20 Jun 2025 17:54

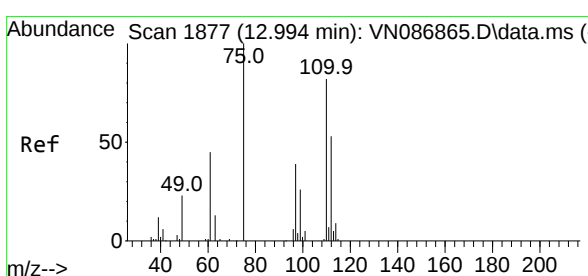
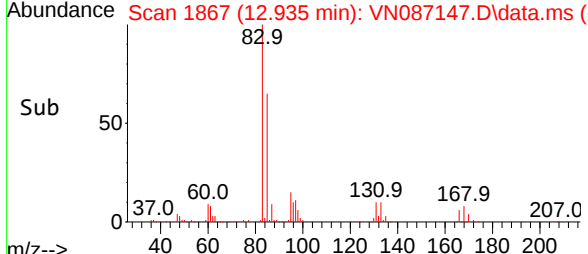
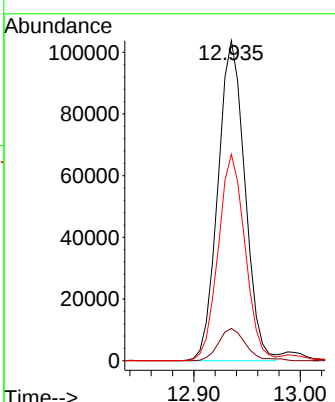
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



Tgt Ion: 83 Resp: 182350

Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.9	14.7
85	64.1	32.0	96.0

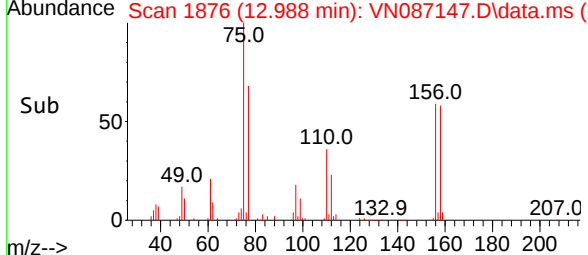
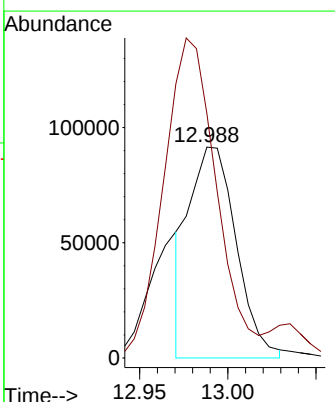
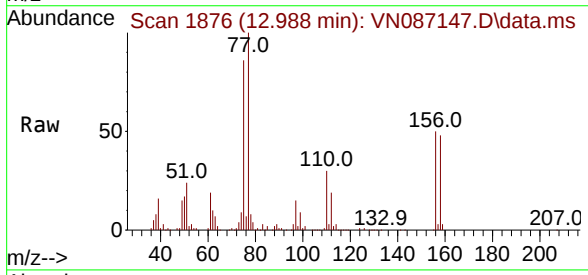
Manual Integrations
APPROVED
 Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

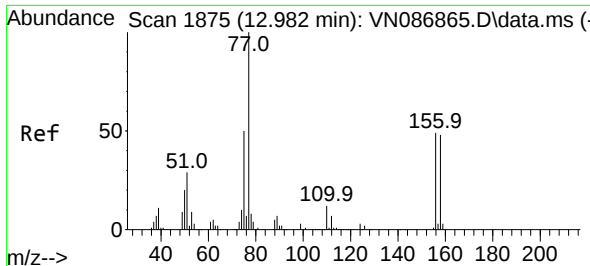


#76
 1,2,3-Trichloropropane
 Concen: 50.052 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN087147.D
 Acq: 20 Jun 2025 17:54

Tgt Ion: 75 Resp: 169950

Ion	Ratio	Lower	Upper
75	100		
77	170.4	79.3	237.9





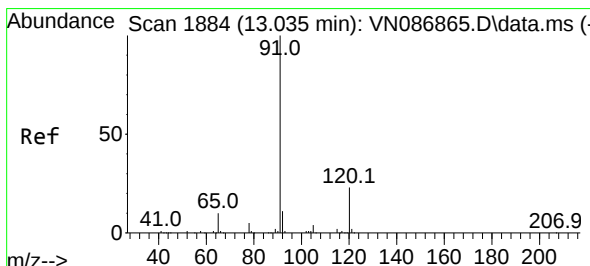
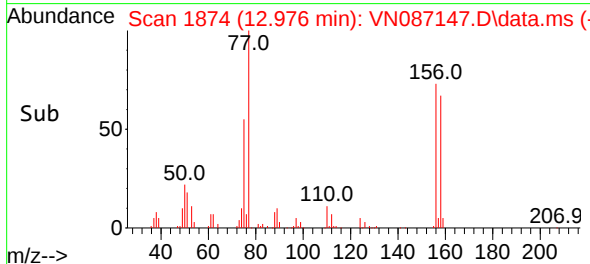
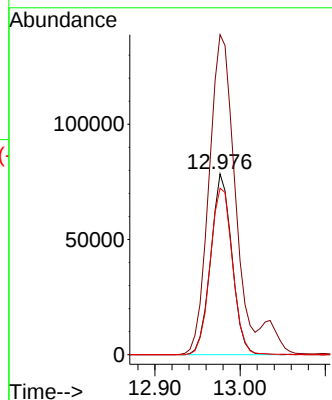
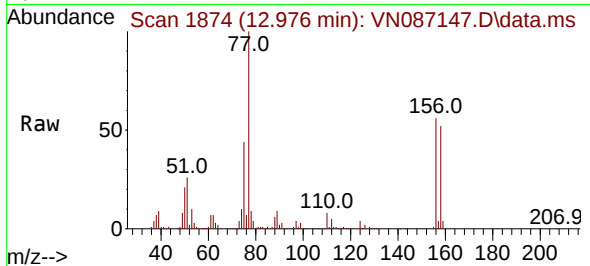
#77
Bromobenzene
Concen: 56.786 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 13552
Ion Ratio Lower Upper
156 100
77 213.7 117.7 353.1
158 97.4 48.1 144.4

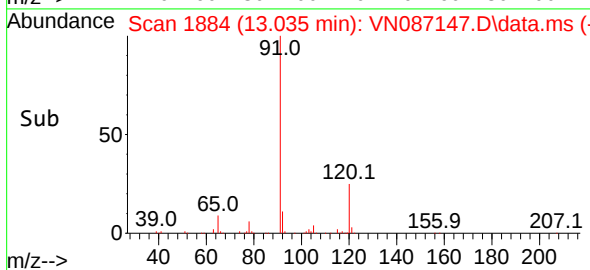
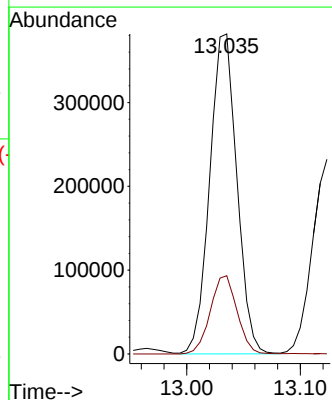
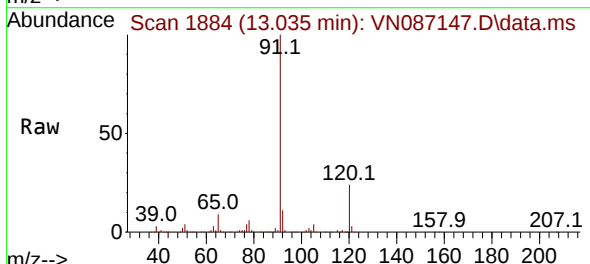
Manual Integrations
APPROVED

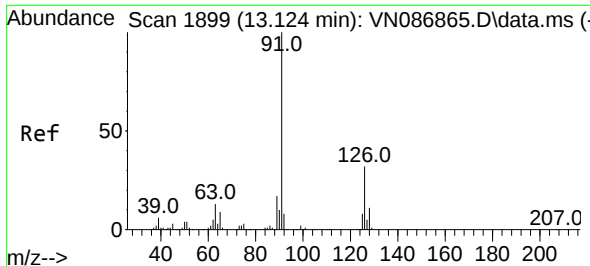
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#78
n-propylbenzene
Concen: 50.178 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Tgt Ion: 91 Resp: 634572
Ion Ratio Lower Upper
91 100
120 24.1 11.4 34.2





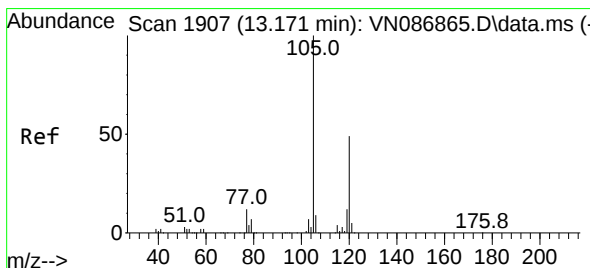
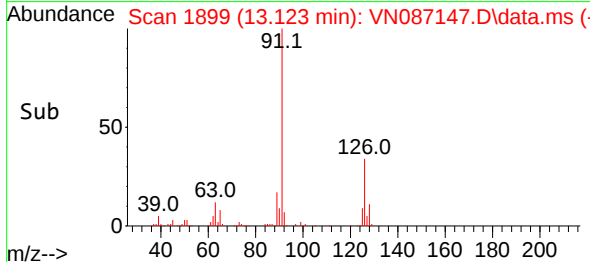
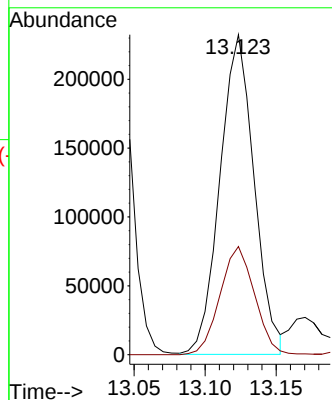
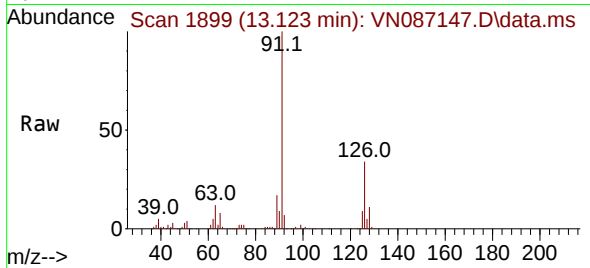
#79
2-Chlorotoluene
Concen: 51.267 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 38882
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.5

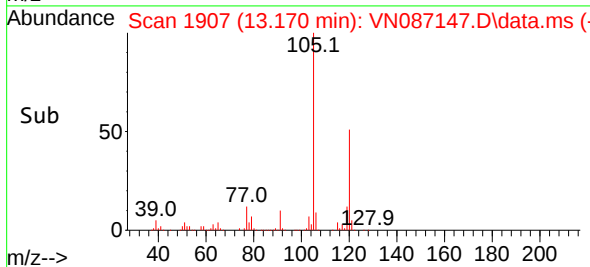
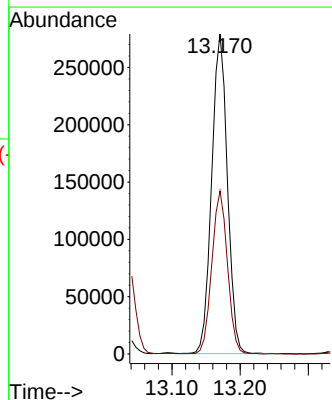
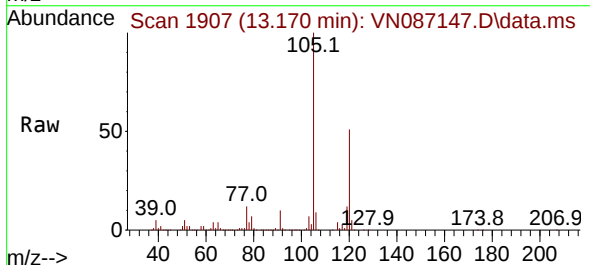
Manual Integrations
APPROVED

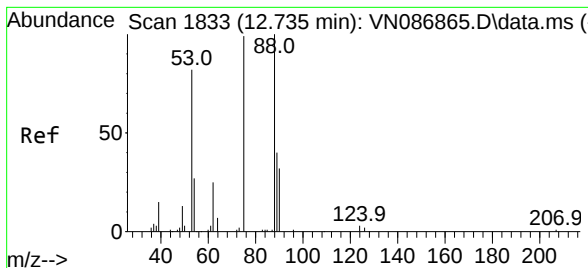
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.134 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

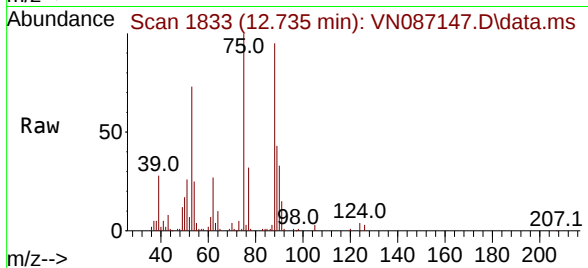
Tgt Ion:105 Resp: 447917
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.619 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

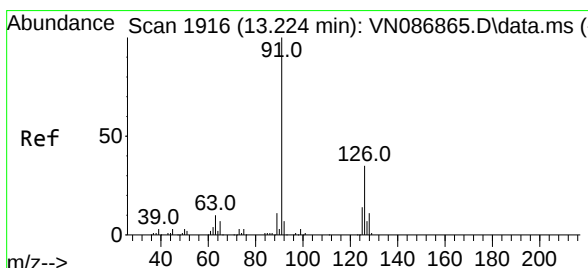
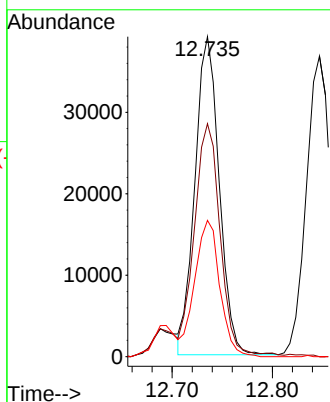
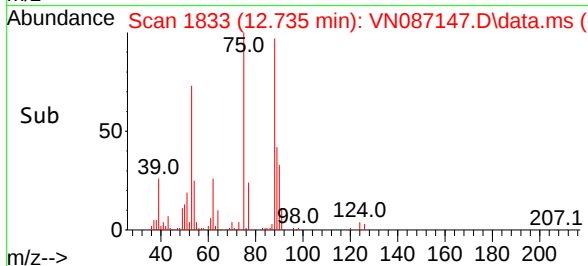
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 65819
Ion Ratio Lower Upper
75 100
53 75.5 66.6 99.8
89 44.5 36.7 55.1

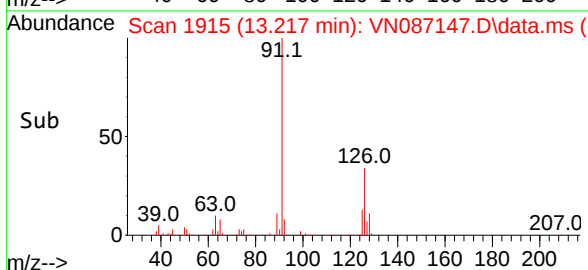
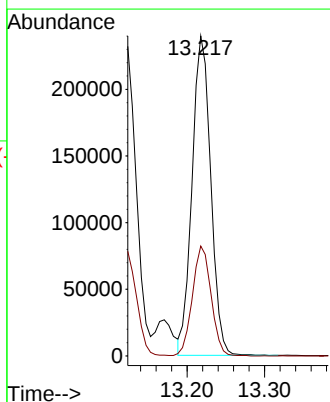
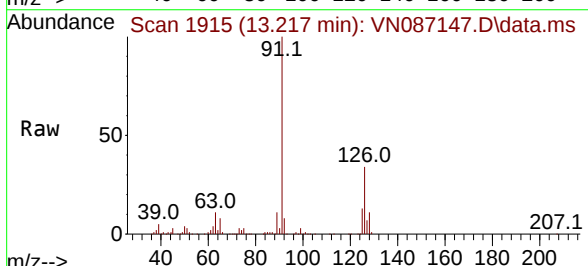
Manual Integrations
APPROVED

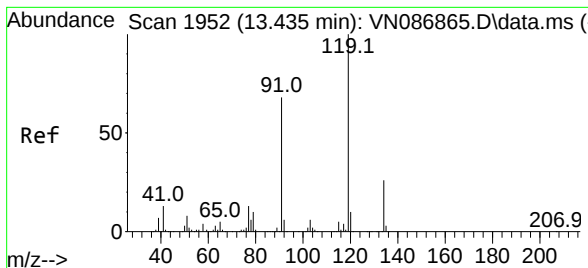
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#82
4-Chlorotoluene
Concen: 52.222 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

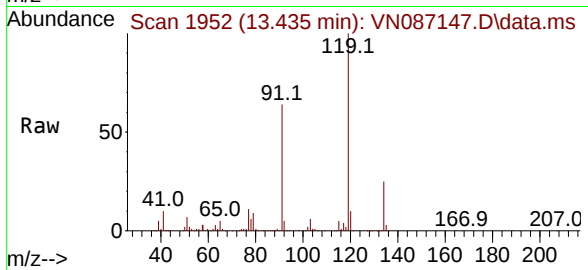
Tgt Ion: 91 Resp: 400747
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.1





#83
tert-Butylbenzene
Concen: 48.792 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

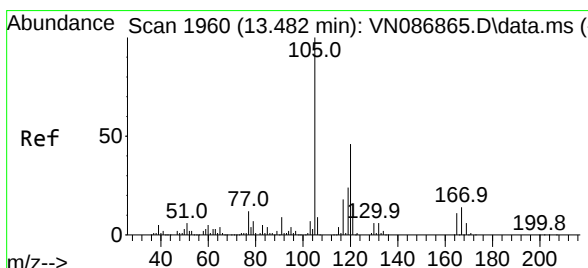
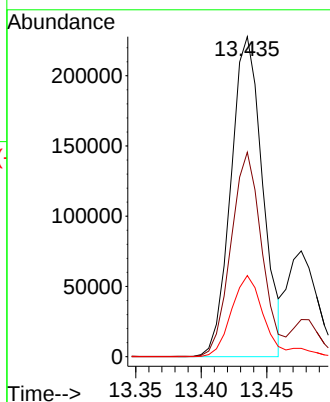
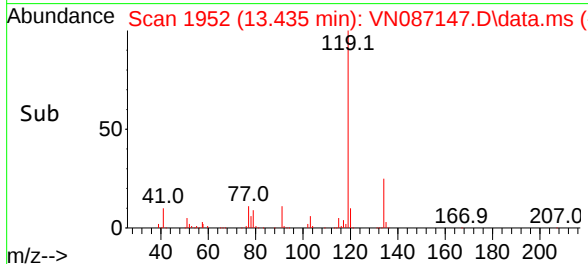
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



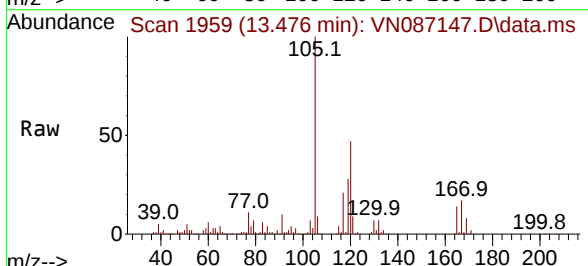
Tgt Ion:119 Resp: 383730
Ion Ratio Lower Upper
119 100
91 62.5 32.1 96.5
134 27.0 13.4 40.1

Manual Integrations
APPROVED

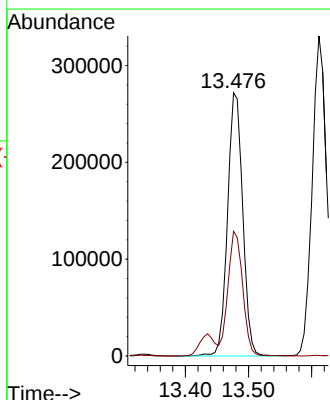
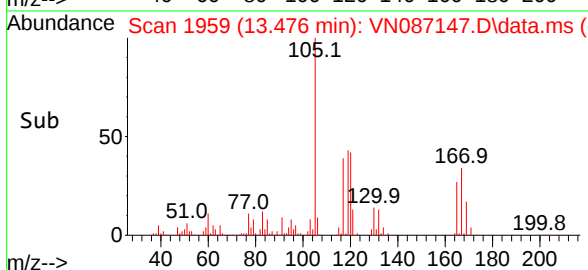
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

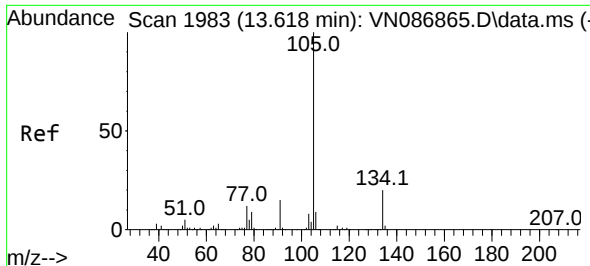


#84
1,2,4-Trimethylbenzene
Concen: 52.579 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



Tgt Ion:105 Resp: 452990
Ion Ratio Lower Upper
105 100
120 45.9 23.2 69.6





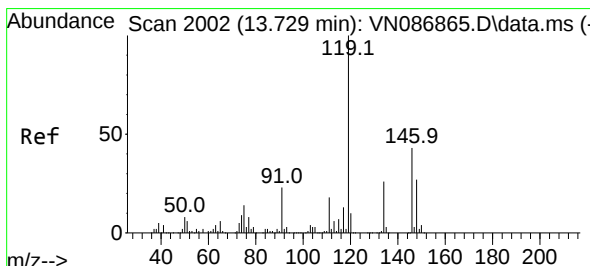
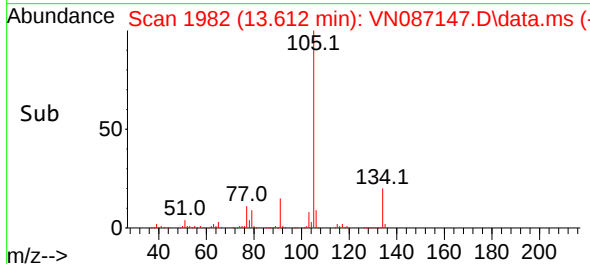
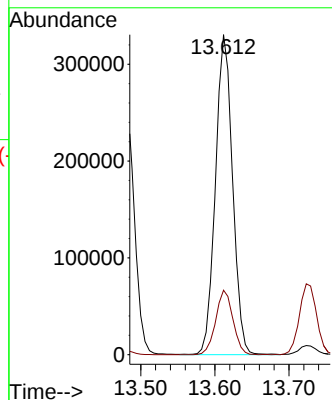
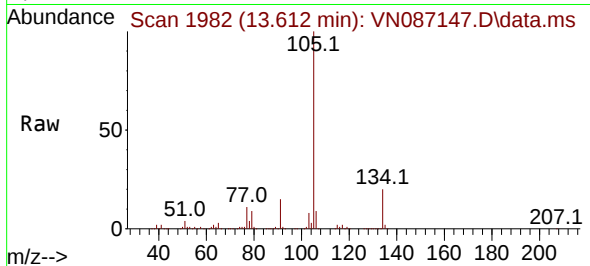
#85
 sec-Butylbenzene
 Concen: 46.472 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087147.D
 Acq: 20 Jun 2025 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 530770
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0

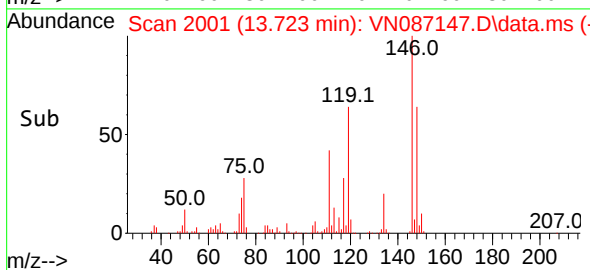
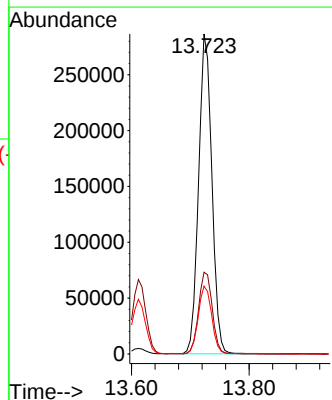
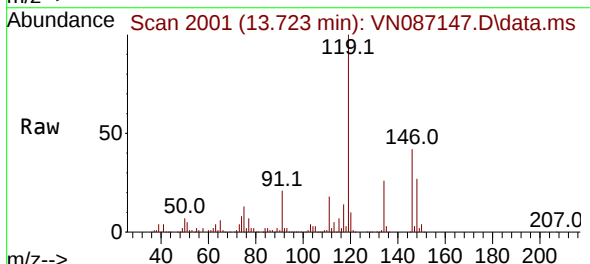
Manual Integrations
 APPROVED

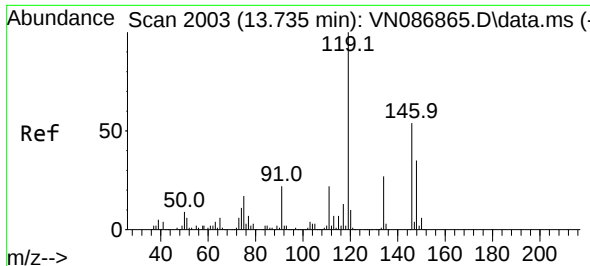
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#86
 p-Isopropyltoluene
 Concen: 47.400 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087147.D
 Acq: 20 Jun 2025 17:54

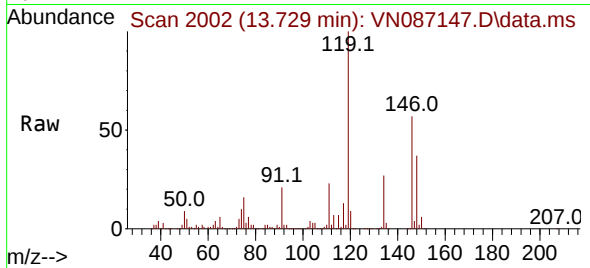
Tgt Ion:119 Resp: 447505
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.4
 91 21.4 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 53.696 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

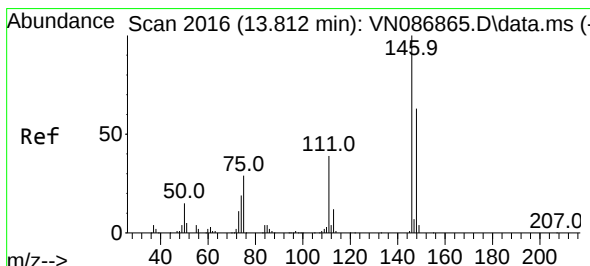
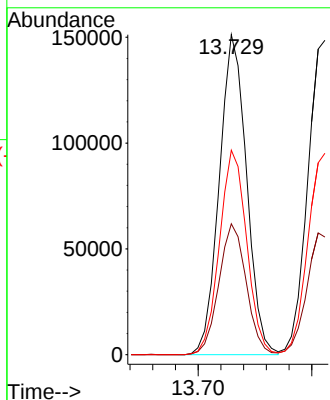
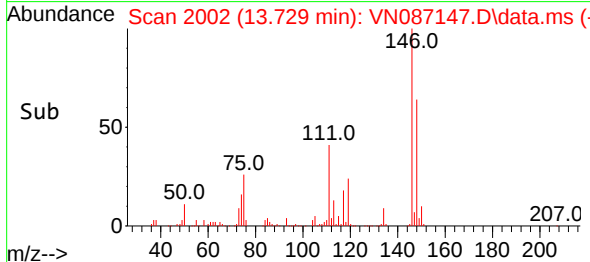
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



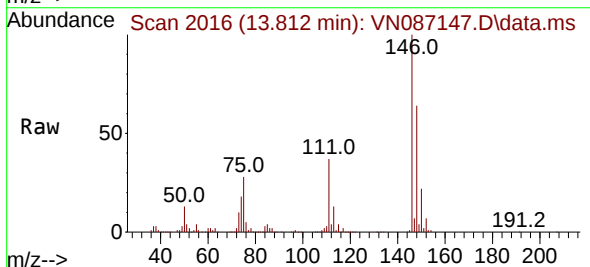
Tgt Ion:146 Resp: 252129
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.8
148 63.8 32.0 96.2

Manual Integrations
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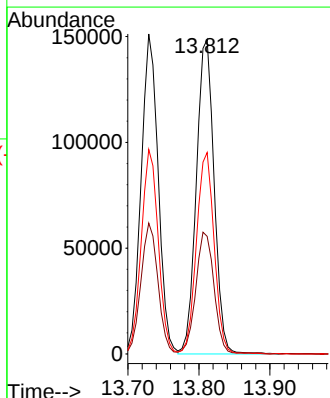
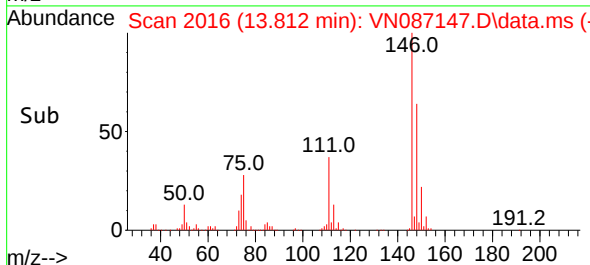
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

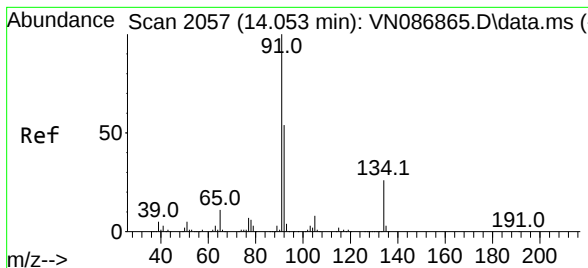


#88
1,4-Dichlorobenzene
Concen: 54.207 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



Tgt Ion:146 Resp: 259499
Ion Ratio Lower Upper
146 100
111 39.1 19.9 59.7
148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 40.765 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

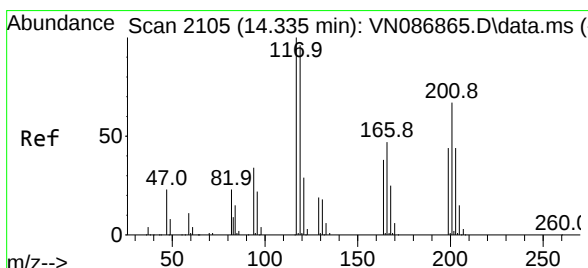
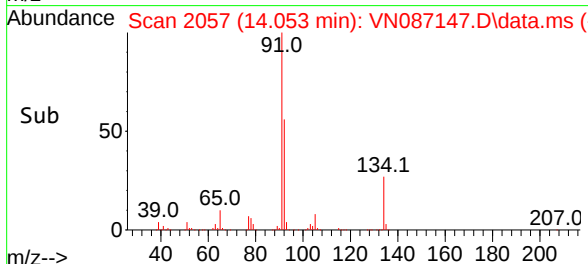
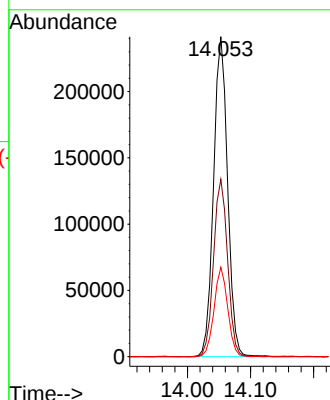
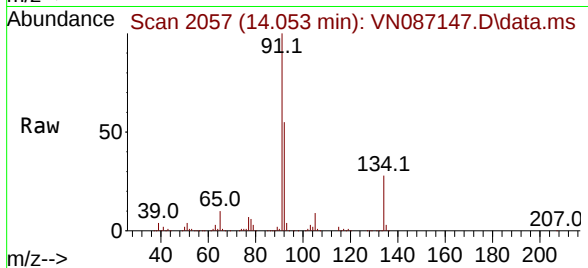
Tgt Ion:	91	Resp:	37278
Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.5	82.4
134	27.2	13.0	39.0

Manual Integrations

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Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#90

Hexachloroethane

Concen: 49.295 ug/l

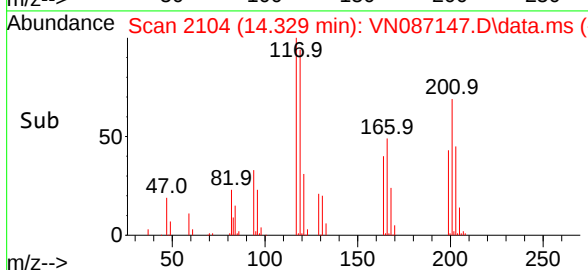
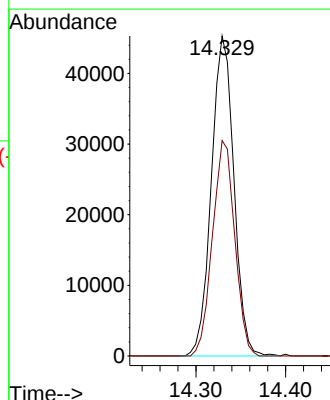
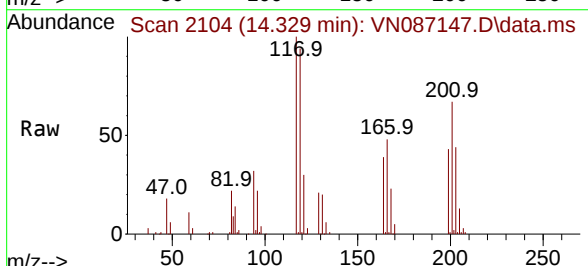
RT: 14.329 min Scan# 2104

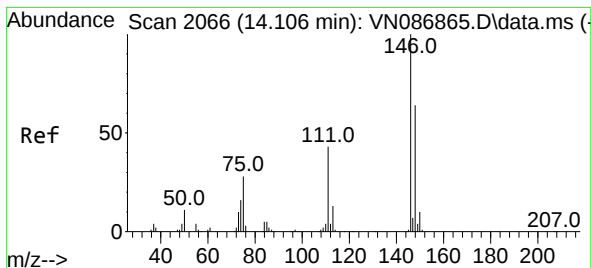
Delta R.T. -0.006 min

Lab File: VN087147.D

Acq: 20 Jun 2025 17:54

Tgt Ion:	117	Resp:	78887
Ion	Ratio	Lower	Upper
117	100		
201	66.6	33.2	99.6





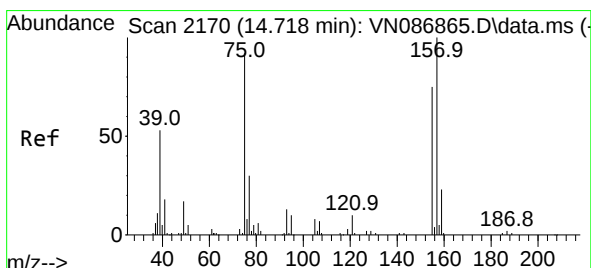
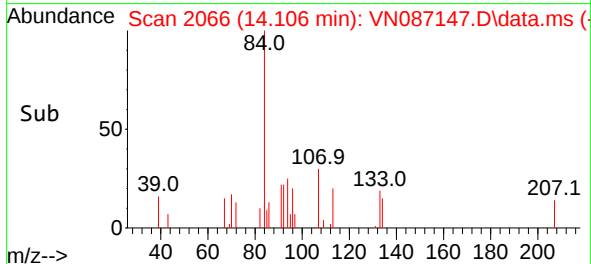
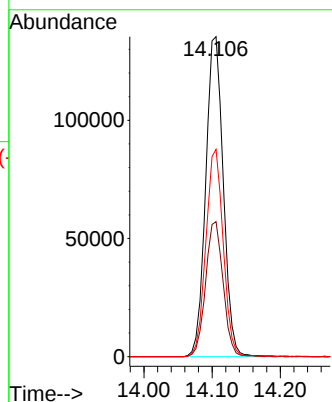
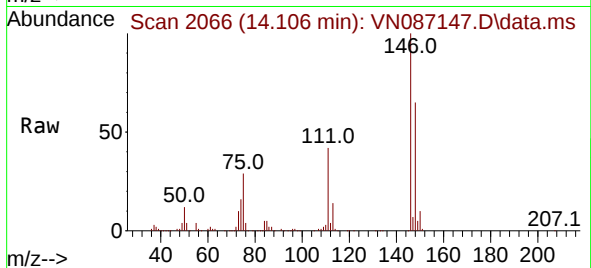
#91
1,2-Dichlorobenzene
Concen: 53.830 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 242835
Ion Ratio Lower Upper
146 100
111 42.1 21.6 64.6
148 63.9 31.7 95.1

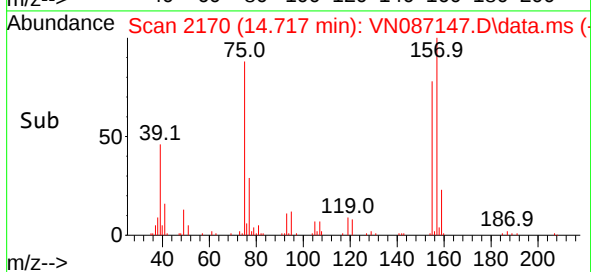
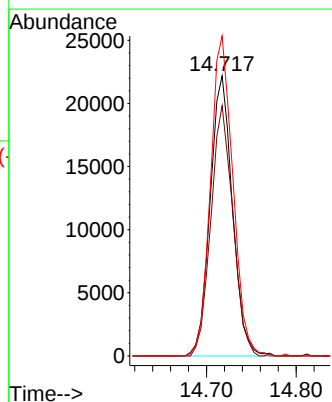
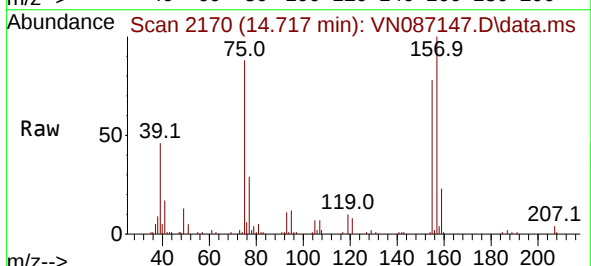
Manual Integrations
APPROVED

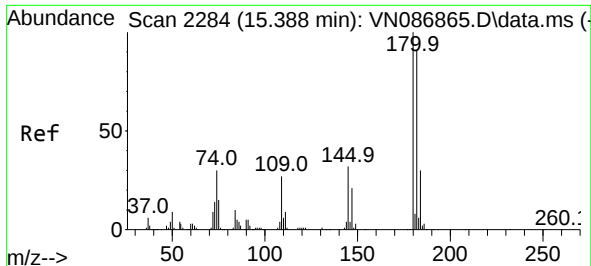
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.341 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

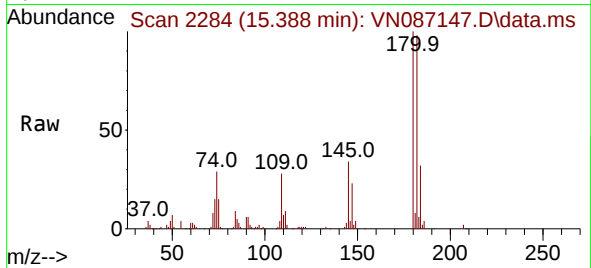
Tgt Ion: 75 Resp: 38228
Ion Ratio Lower Upper
75 100
155 88.2 41.1 123.4
157 114.5 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 45.489 ug/l
RT: 15.388 min Scan# 2103
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

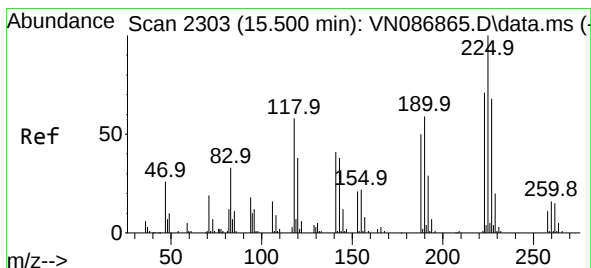
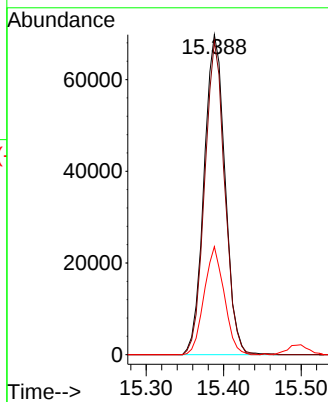
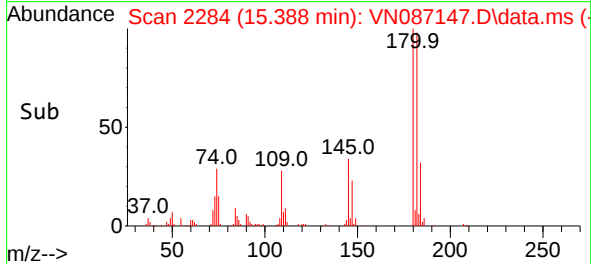
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



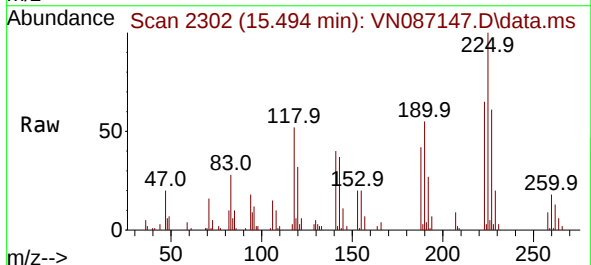
Tgt Ion:180 Resp: 131039
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.7
145 32.3 16.0 47.9

Manual Integrations
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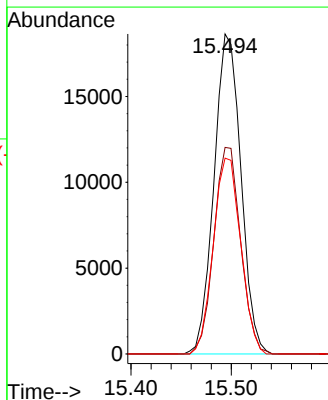
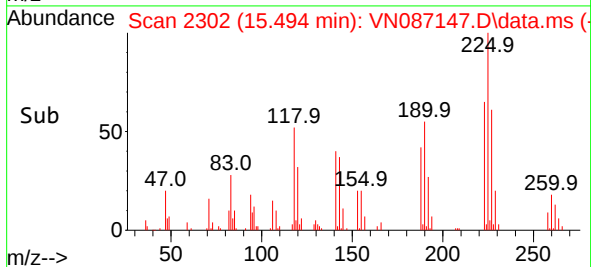
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

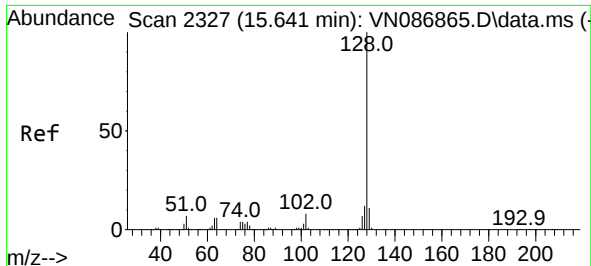


#94
Hexachlorobutadiene
Concen: 32.418 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54



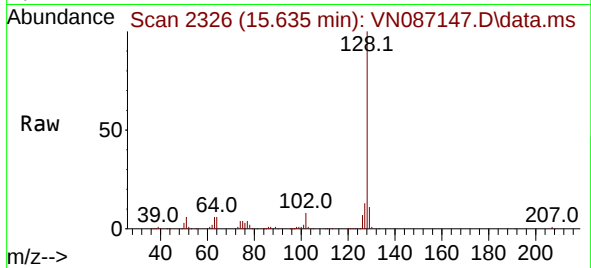
Tgt Ion:225 Resp: 34792
Ion Ratio Lower Upper
225 100
223 64.1 33.5 100.4
227 62.4 31.1 93.5





#95
Naphthalene
Concen: 49.318 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

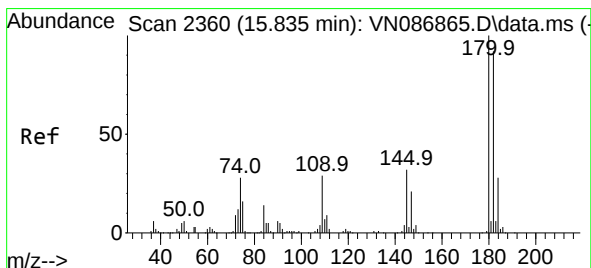
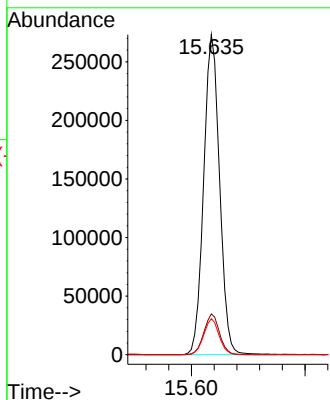
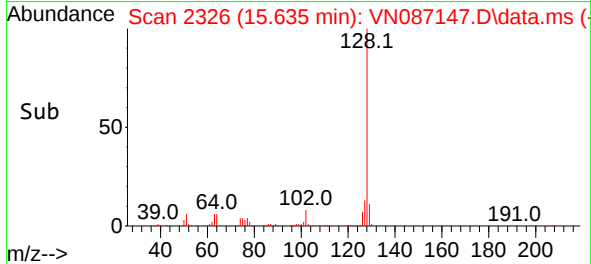
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 528800
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.109 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087147.D
Acq: 20 Jun 2025 17:54

Tgt Ion:180 Resp: 126243
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 33.5 16.6 49.8

