

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082625\
 Data File : VN087668.D
 Acq On : 26 Aug 2025 13:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:46:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	202424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	396757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	378748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	193995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	188842	45.532	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.060%		
35) Dibromofluoromethane	8.147	113	133097	46.463	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.920%		
50) Toluene-d8	10.547	98	500580	46.689	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.380%		
62) 4-Bromofluorobenzene	12.823	95	179702	47.130	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	156493	54.433	ug/l	98
3) Chloromethane	2.383	50	155861	52.753	ug/l	95
4) Vinyl Chloride	2.536	62	179227	52.318	ug/l	99
5) Bromomethane	2.965	94	85741	48.507	ug/l	95
6) Chloroethane	3.136	64	122147	50.731	ug/l	95
7) Trichlorofluoromethane	3.506	101	268002	53.397	ug/l	94
8) Diethyl Ether	3.954	74	109245	49.979	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	147699	52.007	ug/l	97
10) Methyl Iodide	4.577	142	67314	34.206	ug/l	98
11) Tert butyl alcohol	5.524	59	186711	259.317	ug/l	98
12) 1,1-Dichloroethene	4.336	96	146035	50.039	ug/l	97
13) Acrolein	4.177	56	288101	325.480	ug/l	99
14) Allyl chloride	5.012	41	241209	45.609	ug/l	96
15) Acrylonitrile	5.706	53	513562	252.911	ug/l	99
16) Acetone	4.424	43	493012	218.366	ug/l	98
17) Carbon Disulfide	4.700	76	392769	48.886	ug/l	100
18) Methyl Acetate	5.018	43	251510	53.204	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	559156	51.073	ug/l	96
20) Methylene Chloride	5.259	84	169380	51.915	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	150688	47.641	ug/l	96
22) Diisopropyl ether	6.653	45	586973	51.430	ug/l	97
23) Vinyl Acetate	6.589	43	2720762	262.031	ug/l	100
24) 1,1-Dichloroethane	6.553	63	312297	49.907	ug/l	99
25) 2-Butanone	7.465	43	736530	247.962	ug/l	99
26) 2,2-Dichloropropane	7.471	77	241945	45.049	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	188277	49.792	ug/l	99
28) Bromochloromethane	7.794	49	141967	46.928	ug/l	98
29) Tetrahydrofuran	7.824	42	488962	255.790	ug/l	100
30) Chloroform	7.947	83	326935	51.187	ug/l	98
31) Cyclohexane	8.236	56	254359	48.759	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	269999	49.881	ug/l	98
36) 1,1-Dichloropropene	8.353	75	212554	48.367	ug/l	98
37) Ethyl Acetate	7.547	43	299305	49.841	ug/l	98
38) Carbon Tetrachloride	8.341	117	228035	52.556	ug/l	94
39) Methylcyclohexane	9.583	83	237266	49.040	ug/l	99
40) Benzene	8.588	78	689118	51.126	ug/l	97

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	157341	50.581	ug/l	98
42) 1,2-Dichloroethane	8.647	62	265435	51.245	ug/l	99
43) Isopropyl Acetate	8.671	43	496972	53.007	ug/l	100
44) Trichloroethene	9.330	130	150326	48.849	ug/l	100
45) 1,2-Dichloropropane	9.600	63	181385	51.053	ug/l	99
46) Dibromomethane	9.688	93	131432	51.984	ug/l	100
47) Bromodichloromethane	9.871	83	269269	51.966	ug/l	98
48) Methyl methacrylate	9.659	41	230418	51.958	ug/l	99
49) 1,4-Dioxane	9.683	88	65403	1137.838	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	1519980	268.704	ug/l	100
52) Toluene	10.606	92	428838	51.320	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	279061	52.029	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	281804	50.601	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	168292	52.062	ug/l	96
56) Ethyl methacrylate	10.853	69	278477	53.906	ug/l	97
57) 1,3-Dichloropropane	11.141	76	299666	52.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	733548	262.345	ug/l	99
59) 2-Hexanone	11.177	43	1035067	289.527	ug/l	99
60) Dibromochloromethane	11.335	129	191301	51.074	ug/l	99
61) 1,2-Dibromoethane	11.447	107	177756	52.150	ug/l	100
64) Tetrachloroethene	11.082	164	123235	46.898	ug/l	96
65) Chlorobenzene	11.871	112	459918	48.810	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.935	131	159957	51.134	ug/l	98
67) Ethyl Benzene	11.941	91	830898	50.930	ug/l	99
68) m/p-Xylenes	12.047	106	622266	104.001	ug/l	99
69) o-Xylene	12.376	106	299935	51.152	ug/l	100
70) Styrene	12.388	104	528007	53.749	ug/l	98
71) Bromoform	12.559	173	127999	53.353	ug/l #	97
73) Isopropylbenzene	12.676	105	764402	48.762	ug/l	99
74) N-amyl acetate	12.506	43	288146m	48.504	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	273809	50.733	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	218078m	47.937	ug/l	
77) Bromobenzene	12.959	156	181395	49.077	ug/l	98
78) n-propylbenzene	13.012	91	971091	50.292	ug/l	99
79) 2-Chlorotoluene	13.106	91	568887	48.958	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	663897	49.923	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	87271	50.786	ug/l	85
82) 4-Chlorotoluene	13.200	91	595862	48.773	ug/l	100
83) tert-Butylbenzene	13.418	119	552700	49.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	675868	50.770	ug/l	100
85) sec-Butylbenzene	13.594	105	822520	50.016	ug/l	100
86) p-Isopropyltoluene	13.706	119	673722	49.613	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	355974	48.906	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	363845	48.034	ug/l	99
89) n-Butylbenzene	14.035	91	659770	48.920	ug/l	100
90) Hexachloroethane	14.306	117	129507	50.058	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	343418	49.732	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	62123	48.455	ug/l	98
93) 1,2,4-Trichlorobenzene	15.365	180	199944	48.218	ug/l	98
94) Hexachlorobutadiene	15.470	225	68365	46.245	ug/l	98
95) Naphthalene	15.612	128	727864	49.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	191065	47.133	ug/l	97

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ClientSampleId :
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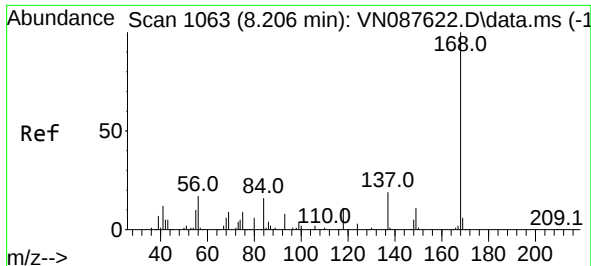
Manual Integrations
APPROVED

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

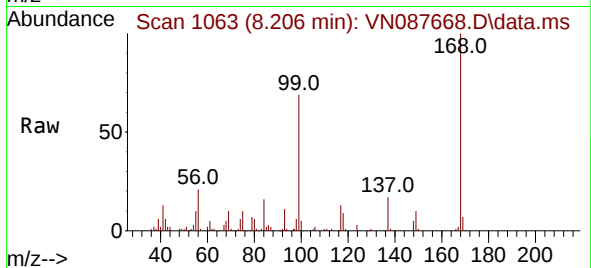
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087668.D
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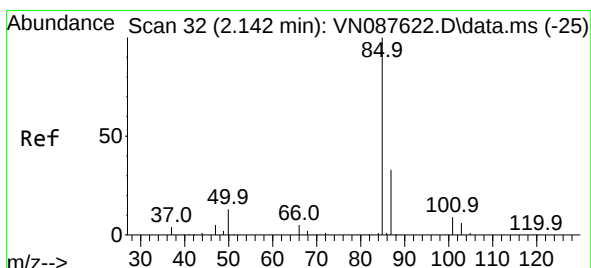
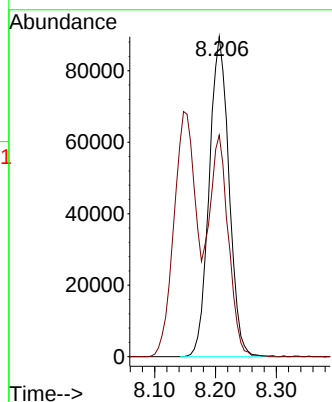
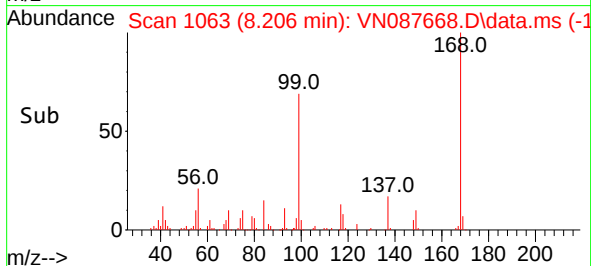
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 202424
Ion Ratio Lower Upper
168 100
99 69.3 57.2 85.8

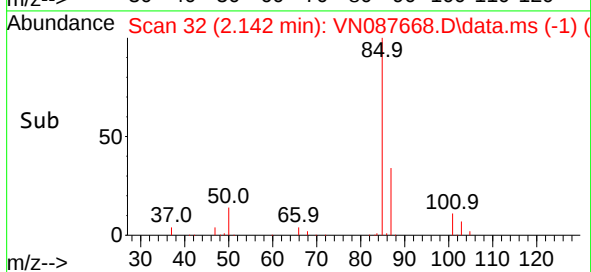
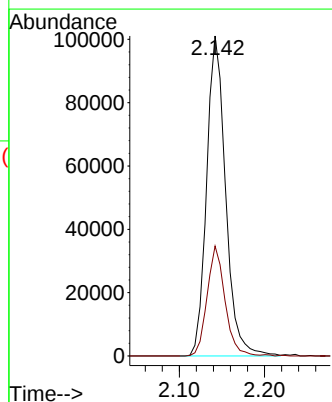
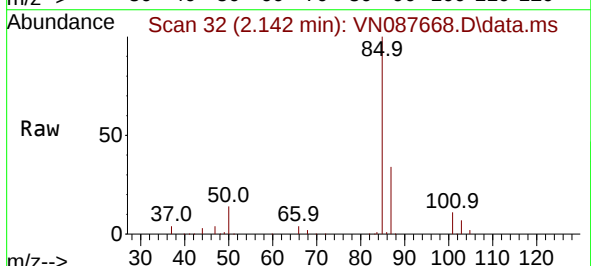
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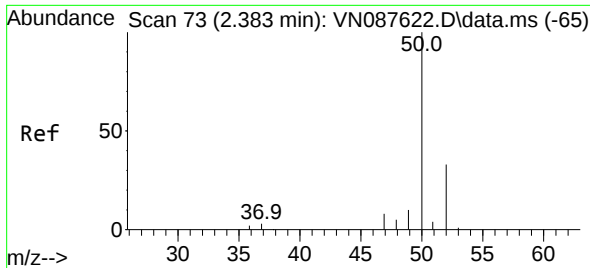
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#2
Dichlorodifluoromethane
Concen: 54.433 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

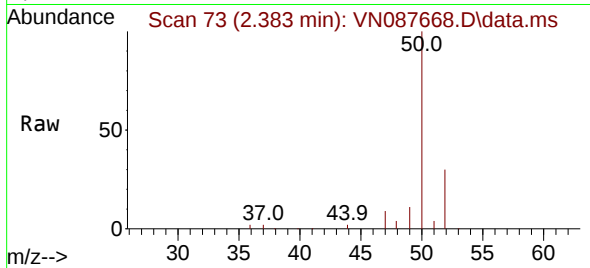
Tgt Ion: 85 Resp: 156493
Ion Ratio Lower Upper
85 100
87 34.3 16.6 49.8





#3
Chloromethane
Concen: 52.753 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

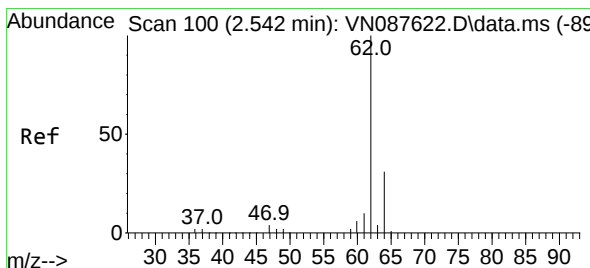
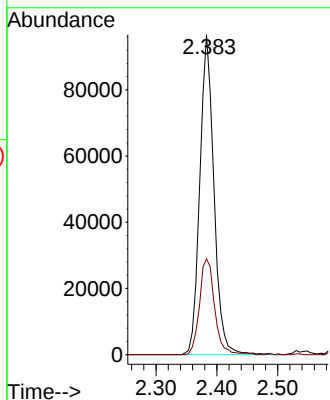
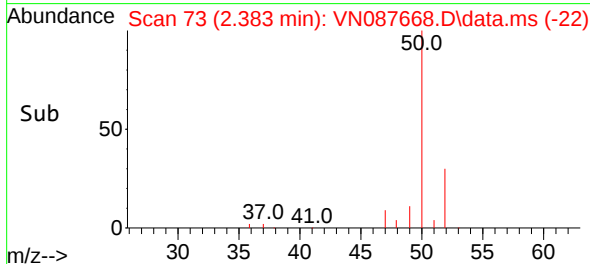
Instrument :
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Tgt Ion: 50 Resp: 15586
Ion Ratio Lower Upper
50 100
52 30.0 26.2 39.4

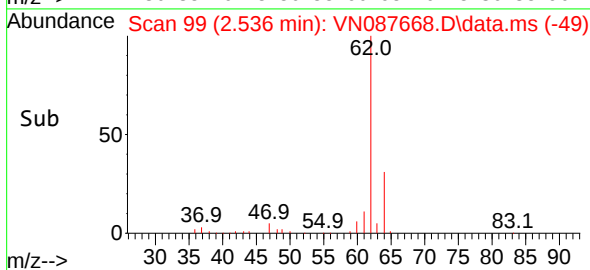
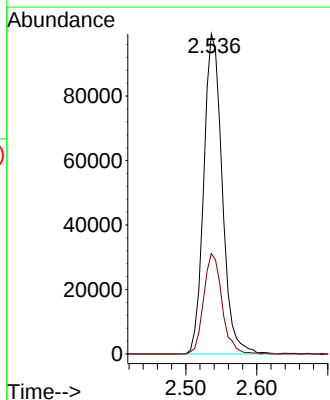
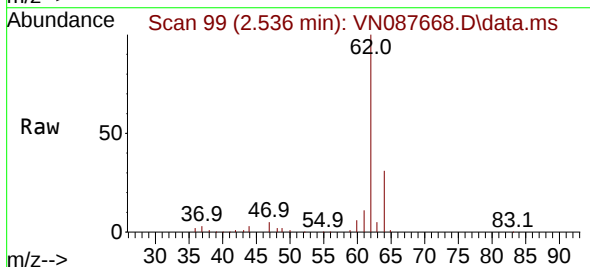
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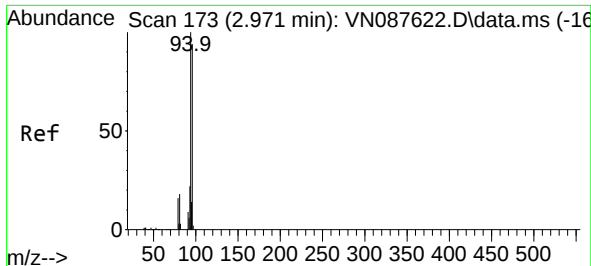
Reviewed By :John Carlone 08/27/2025
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#4
Vinyl Chloride
Concen: 52.318 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

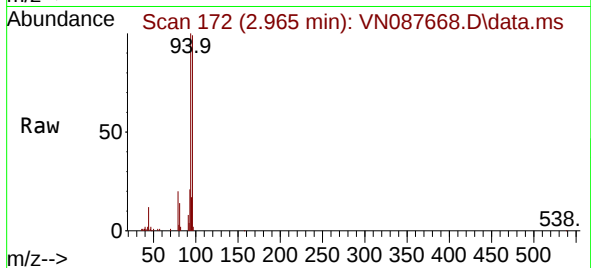
Tgt Ion: 62 Resp: 179227
Ion Ratio Lower Upper
62 100
64 31.4 24.6 37.0





#5
Bromomethane
Concen: 48.507 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

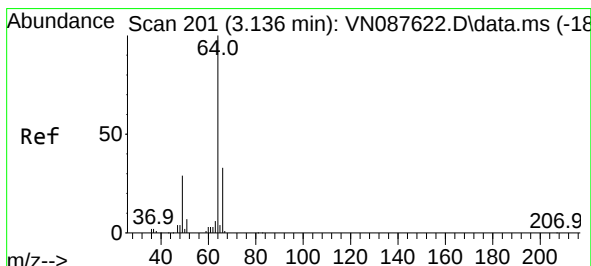
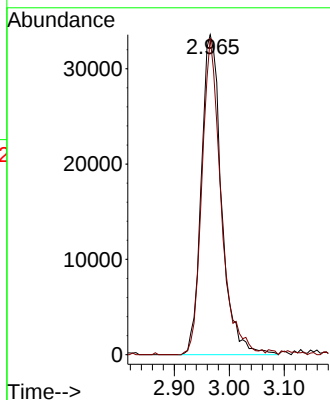
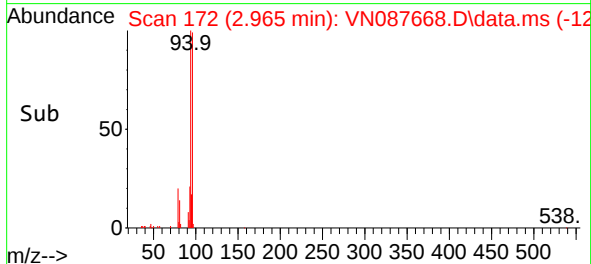
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 8574
Ion Ratio Lower Upper
94 100
96 99.0 75.4 113.2

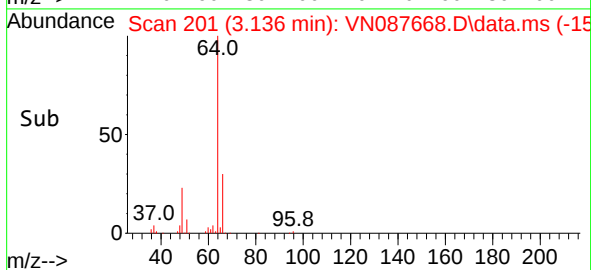
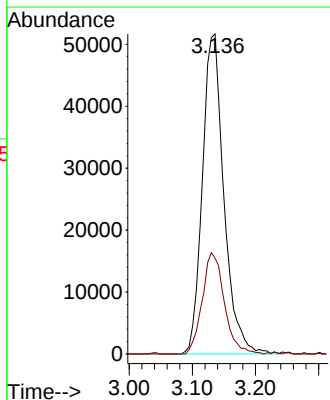
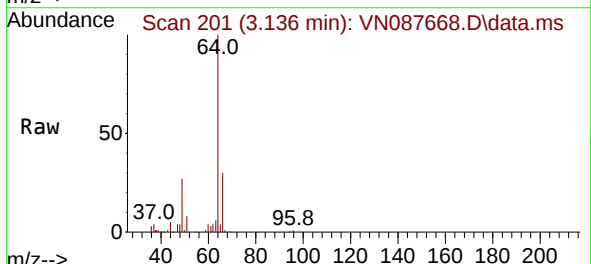
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#6
Chloroethane
Concen: 50.731 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

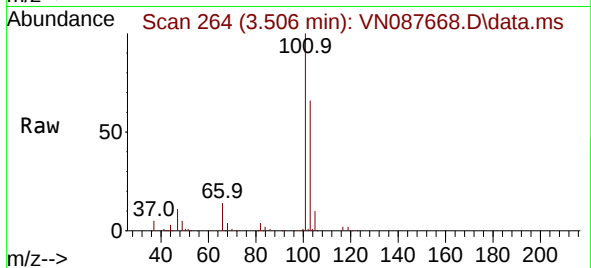
Tgt Ion: 64 Resp: 122147
Ion Ratio Lower Upper
64 100
66 29.9 26.2 39.2





#7
Trichlorofluoromethane
Concen: 53.397 ug/l
RT: 3.506 min Scan# 265
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

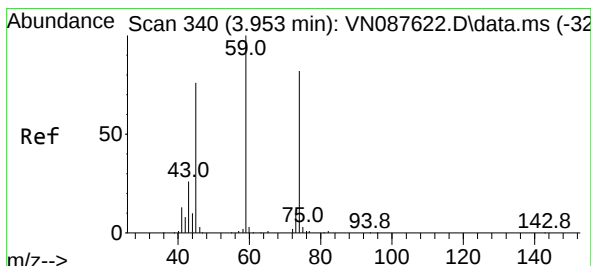
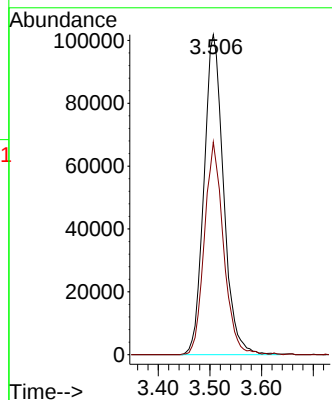
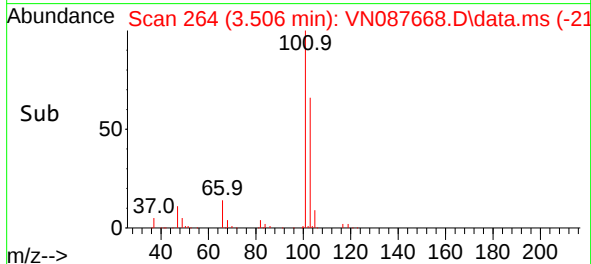
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 26800
Ion Ratio Lower Upper
101 100
103 66.4 49.4 74.0

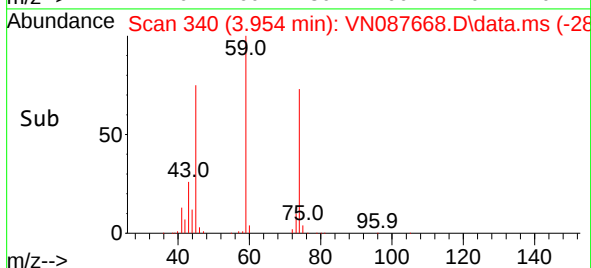
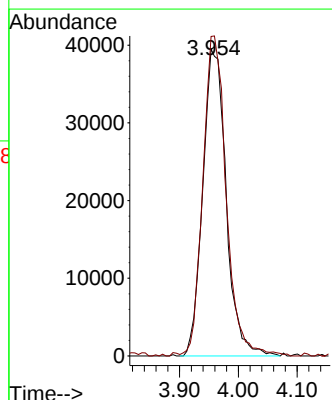
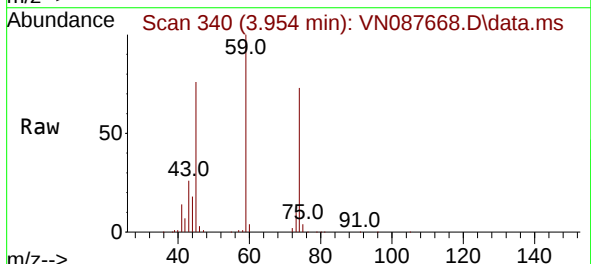
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#8
Diethyl Ether
Concen: 49.979 ug/l
RT: 3.954 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN087668.D
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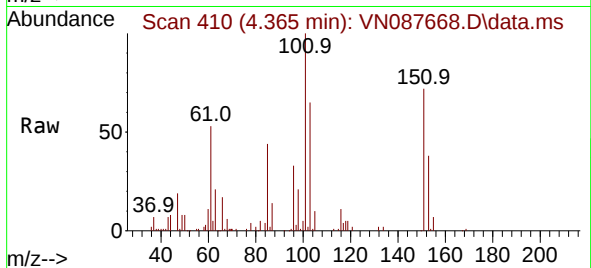
Tgt Ion: 74 Resp: 109245
Ion Ratio Lower Upper
74 100
45 104.4 50.6 151.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.007 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

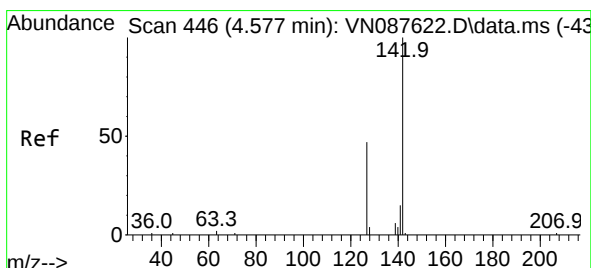
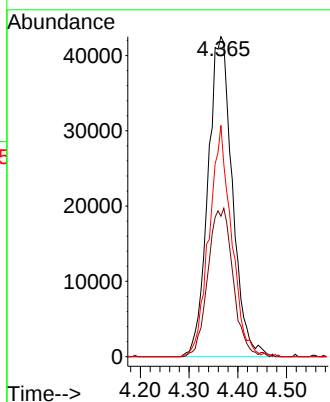
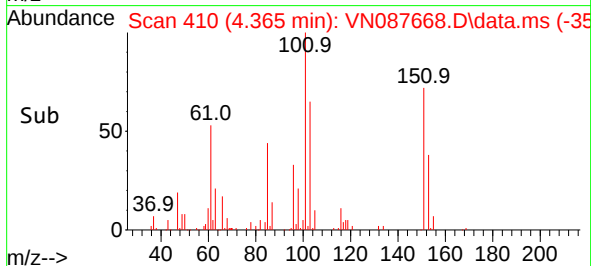
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Tgt Ion:101 Resp: 147699
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 66.2 54.7 82.1

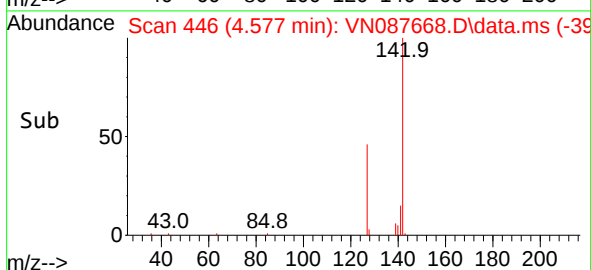
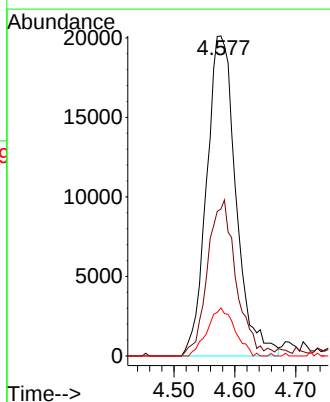
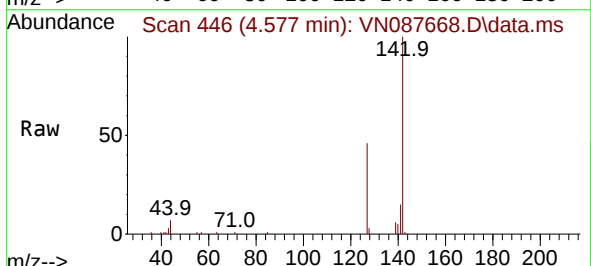
Manual Integrations
APPROVED

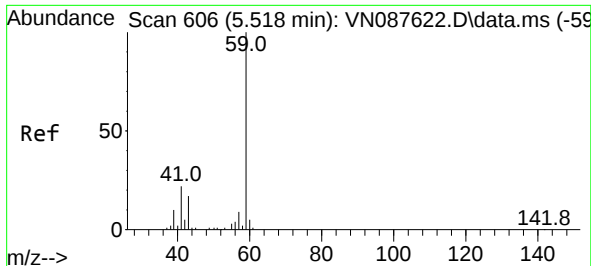
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#10
Methyl Iodide
Concen: 34.206 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

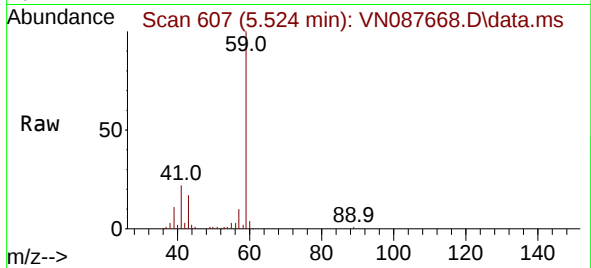
Tgt Ion:142 Resp: 67314
Ion Ratio Lower Upper
142 100
127 45.9 38.0 57.0
141 15.0 12.0 18.0





#11
Tert butyl alcohol
Concen: 259.317 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

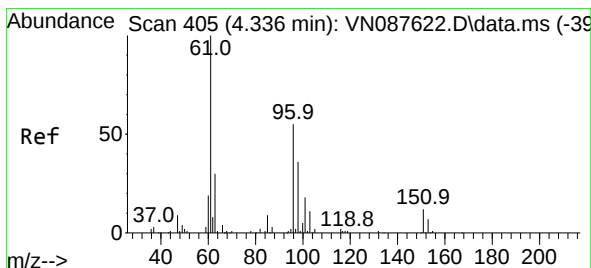
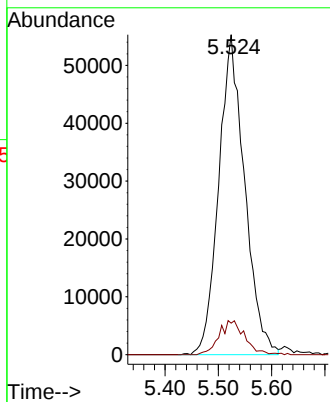
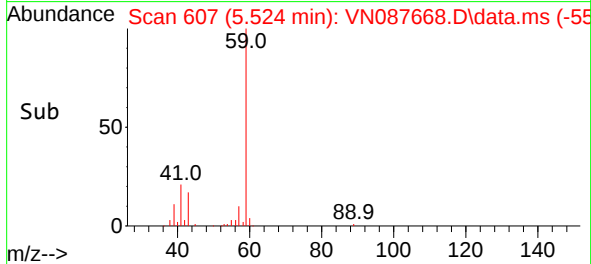
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 18671
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

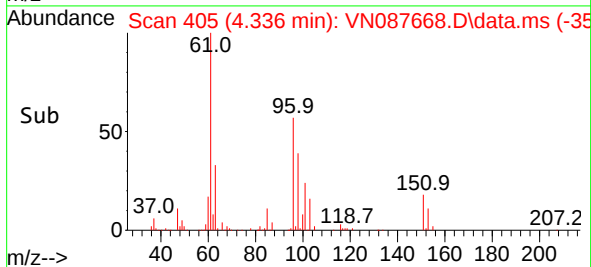
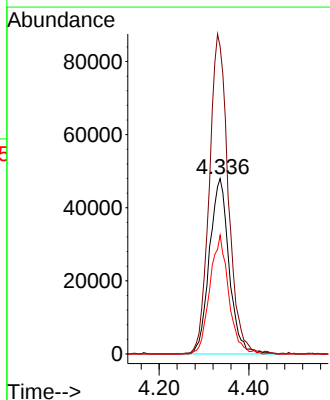
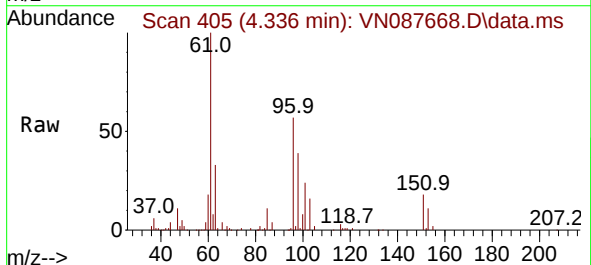
Manual Integrations
APPROVED

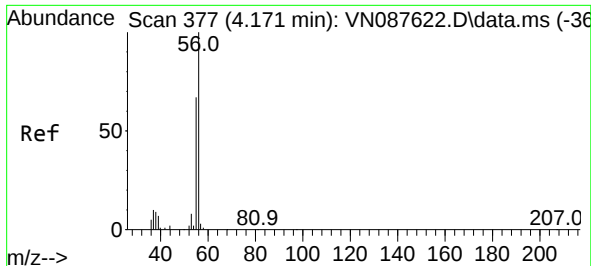
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#12
1,1-Dichloroethene
Concen: 50.039 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

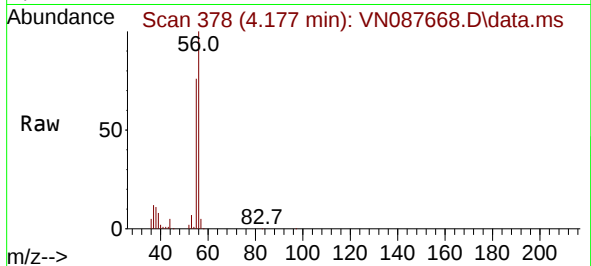
Tgt Ion: 96 Resp: 146035
Ion Ratio Lower Upper
96 100
61 175.2 143.8 215.8
98 67.7 52.1 78.1





#13
Acrolein
Concen: 325.480 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

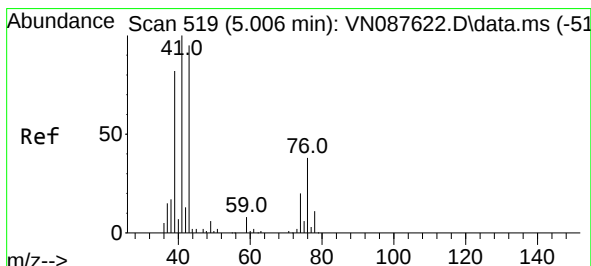
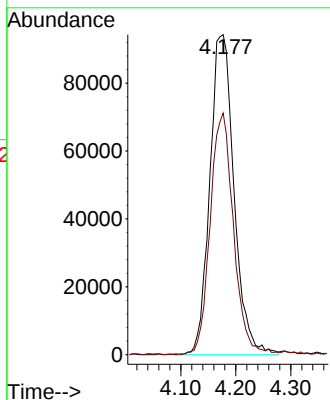
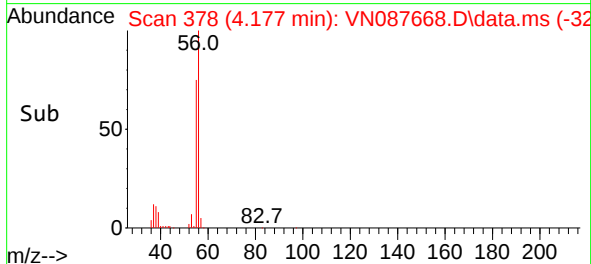
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 28810
Ion Ratio Lower Upper
56 100
55 72.8 57.3 85.9

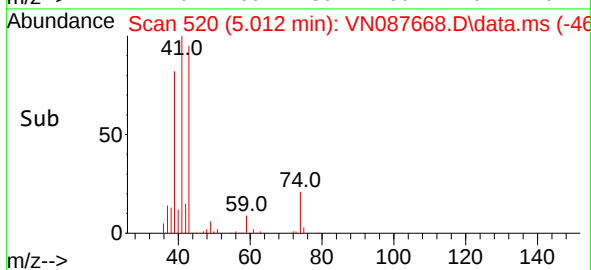
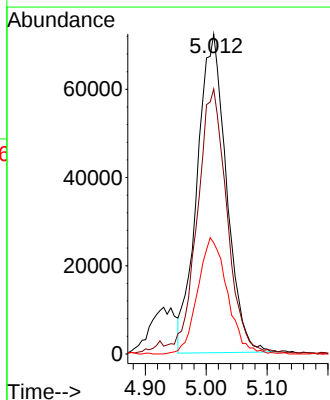
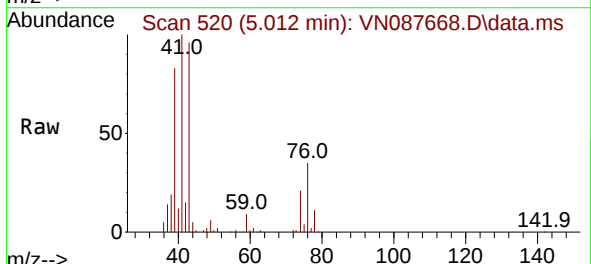
Manual Integrations
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Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#14
Allyl chloride
Concen: 45.609 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

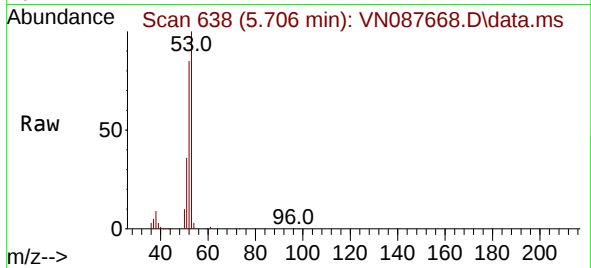
Tgt Ion: 41 Resp: 241209
Ion Ratio Lower Upper
41 100
39 84.3 63.9 95.9
76 36.9 28.1 42.1





#15
Acrylonitrile
Concen: 252.911 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

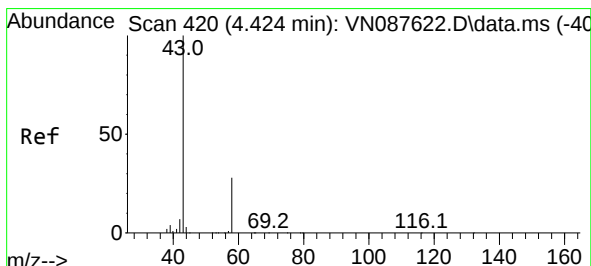
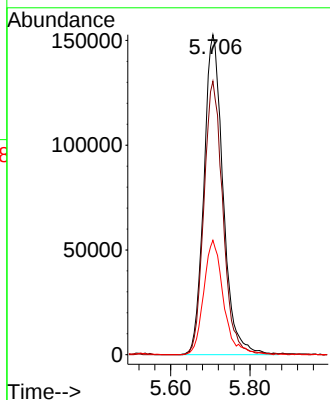
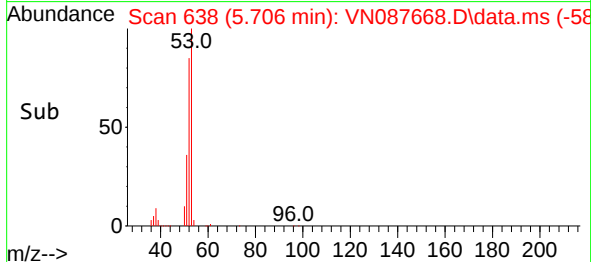
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



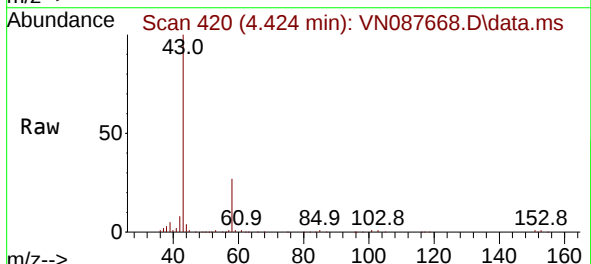
Tgt Ion: 53 Resp: 513562
Ion Ratio Lower Upper
53 100
52 84.0 67.6 101.4
51 36.9 30.1 45.1

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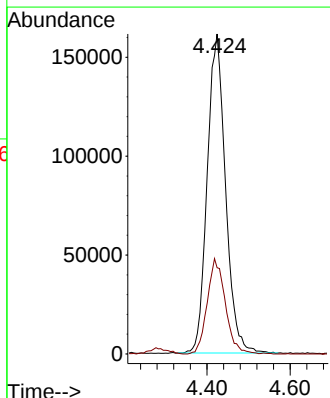
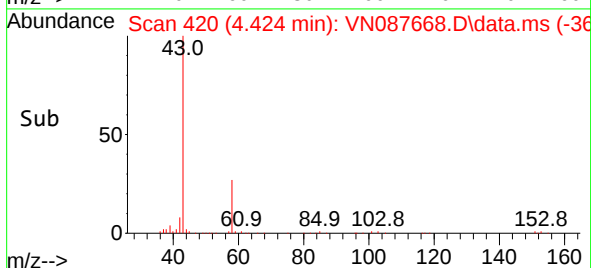
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

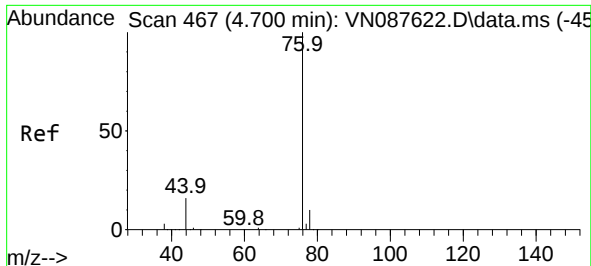


#16
Acetone
Concen: 218.366 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



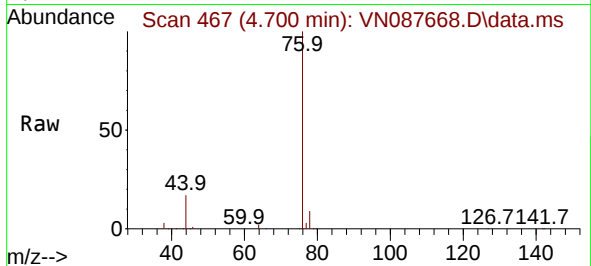
Tgt Ion: 43 Resp: 493012
Ion Ratio Lower Upper
43 100
58 27.0 22.6 33.8





#17
Carbon Disulfide
Concen: 48.886 ug/l
RT: 4.700 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

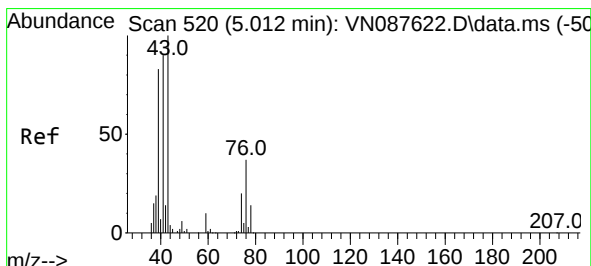
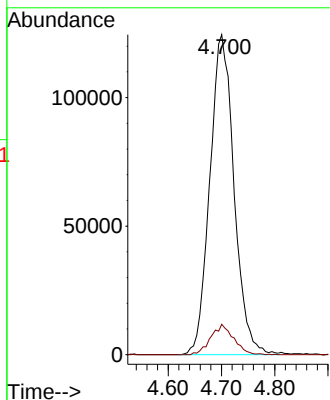
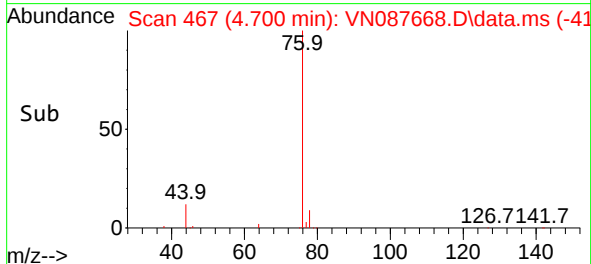
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



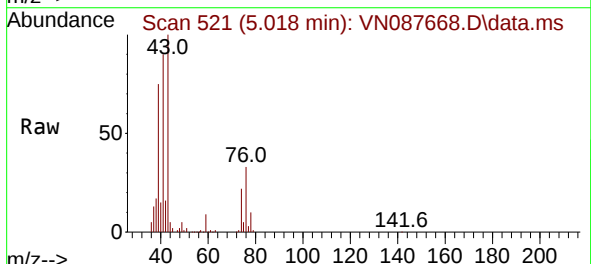
Tgt Ion: 76 Resp: 392769
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

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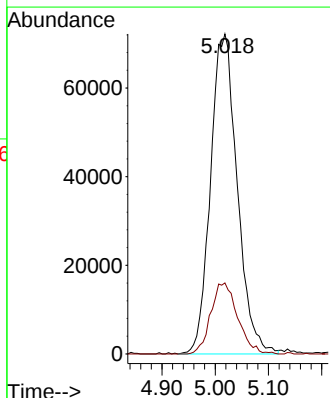
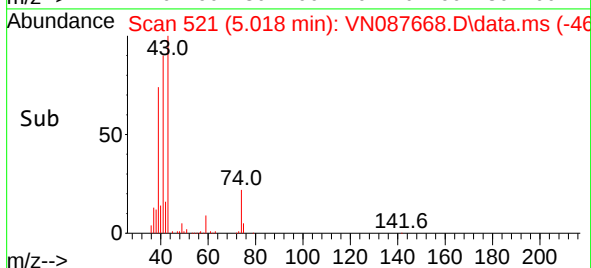
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

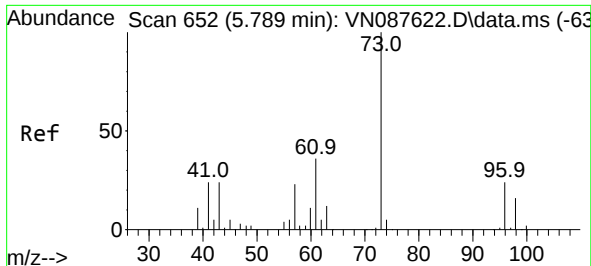


#18
Methyl Acetate
Concen: 53.204 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



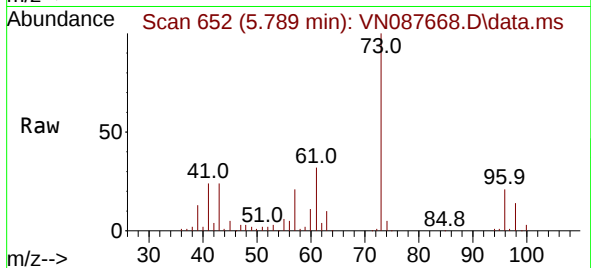
Tgt Ion: 43 Resp: 251510
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 51.073 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

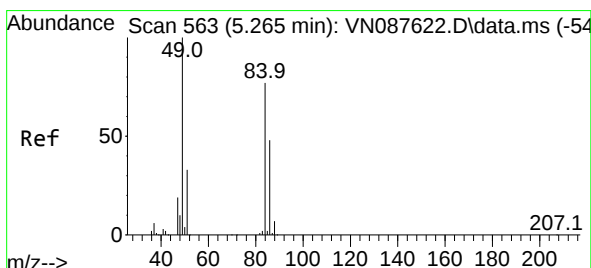
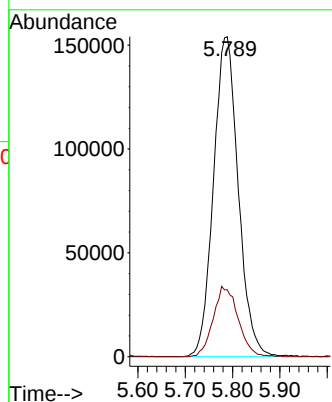
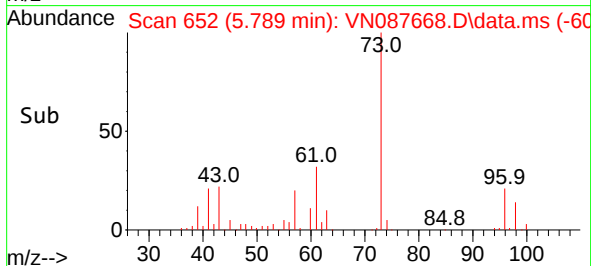
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 559150
Ion Ratio Lower Upper
73 100
57 20.9 18.4 27.6

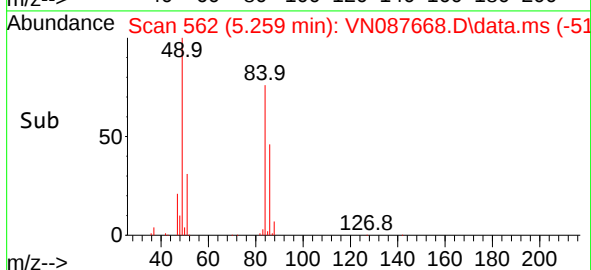
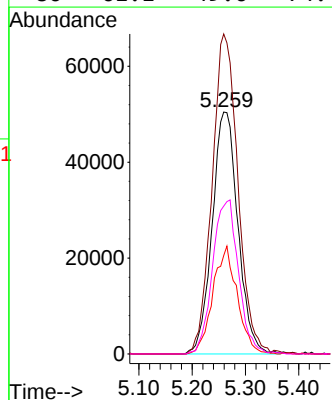
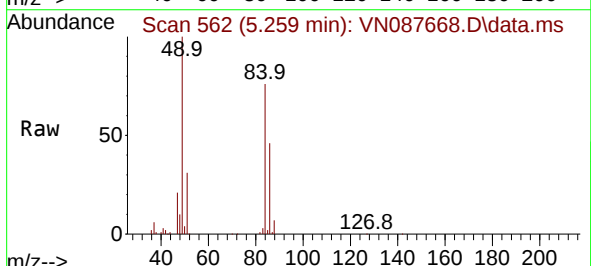
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#20
Methylene Chloride
Concen: 51.915 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

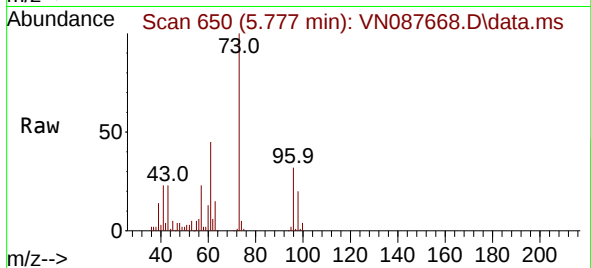
Tgt Ion: 84 Resp: 169380
Ion Ratio Lower Upper
84 100
49 132.3 103.4 155.2
51 40.7 33.8 50.8
86 61.1 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 47.641 ug/l
RT: 5.777 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

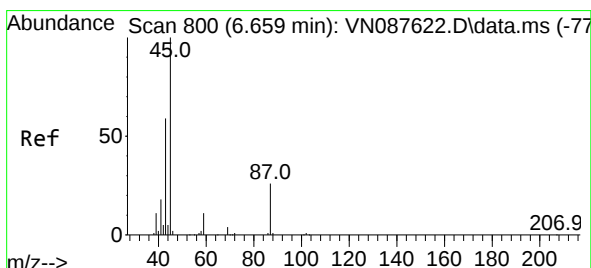
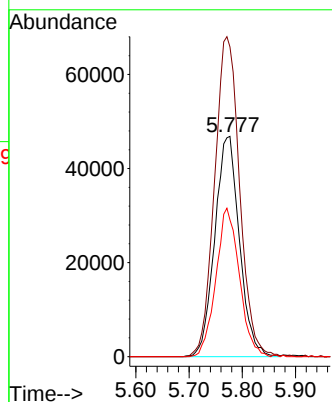
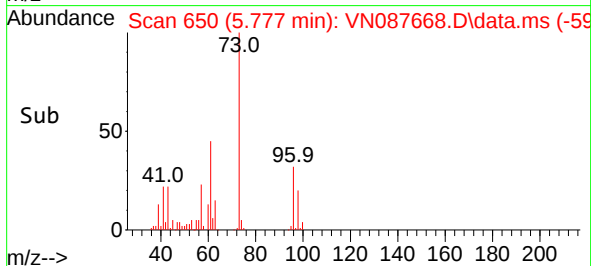
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



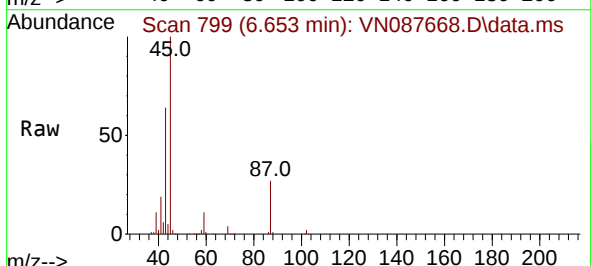
Tgt Ion: 96 Resp: 150688
Ion Ratio Lower Upper
96 100
61 140.6 118.0 177.0
98 62.1 50.0 75.0

Manual Integrations
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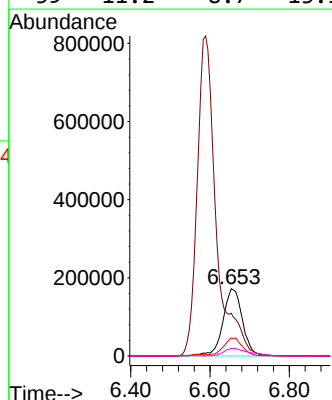
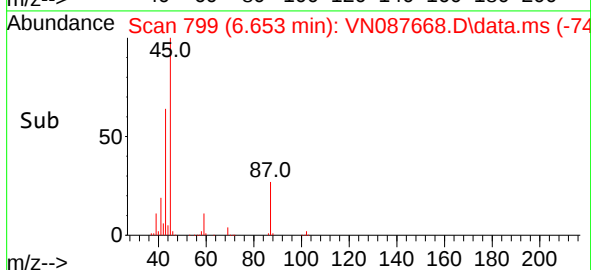
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#22
Diisopropyl ether
Concen: 51.430 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



Tgt Ion: 45 Resp: 586973
Ion Ratio Lower Upper
45 100
43 63.2 47.7 71.5
87 26.6 21.4 32.0
59 11.2 8.7 13.1





#23
 Vinyl Acetate
 Concen: 262.031 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38

Instrument :

MSVOA_N

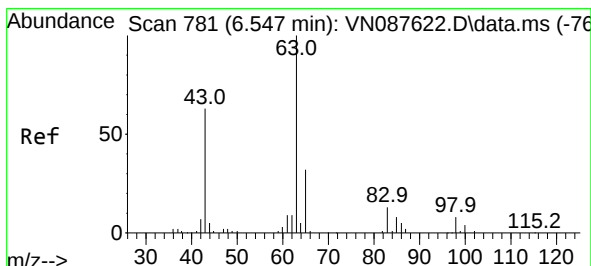
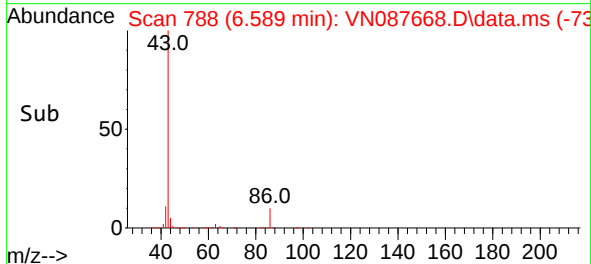
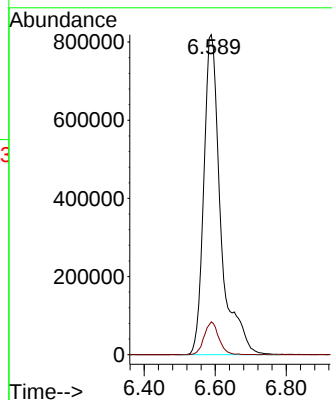
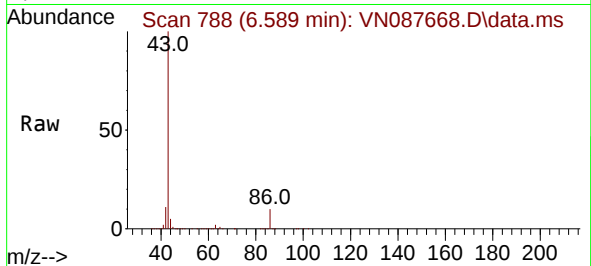
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 272076
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4

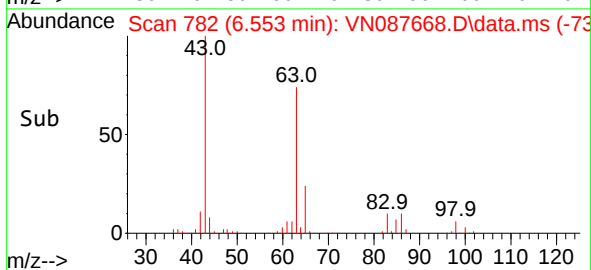
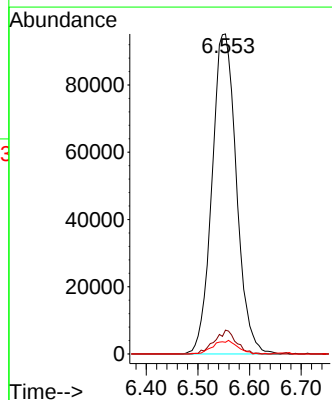
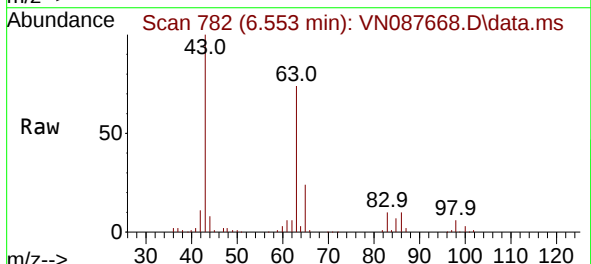
Manual Integrations
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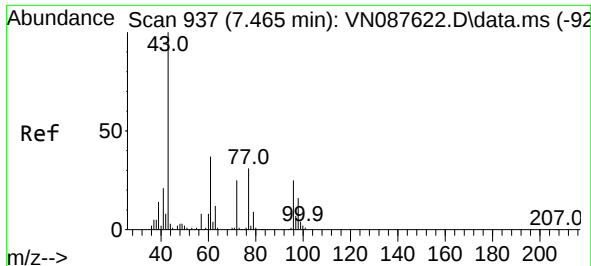
Reviewed By :John Carlone 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025



#24
 1,1-Dichloroethane
 Concen: 49.907 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38

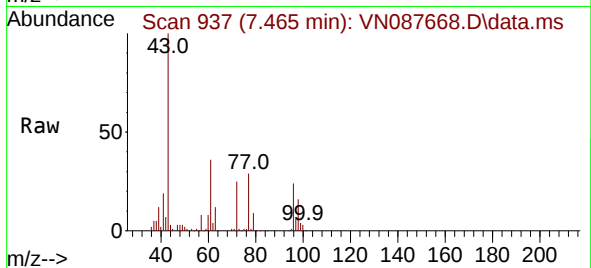
Tgt Ion: 63 Resp: 312297
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 3.7 2.0 6.0





#25
2-Butanone
Concen: 247.962 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

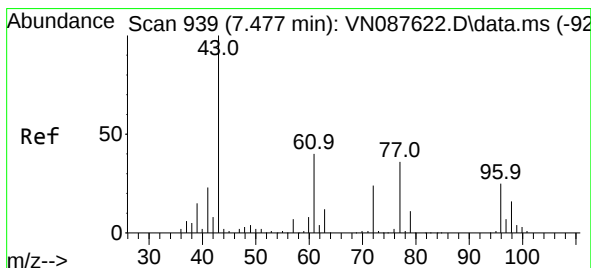
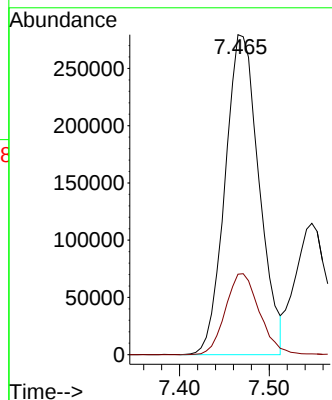
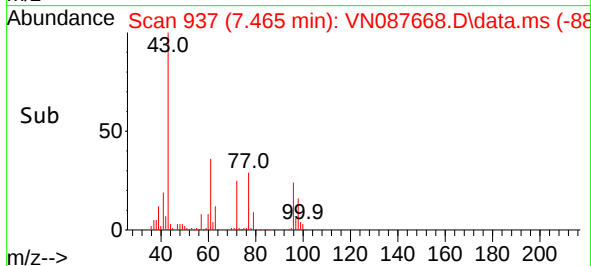
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 736530
Ion Ratio Lower Upper
43 100
72 25.2 19.9 29.9

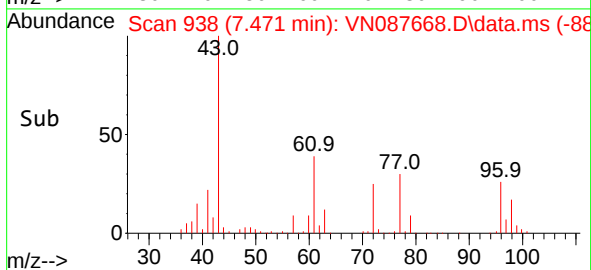
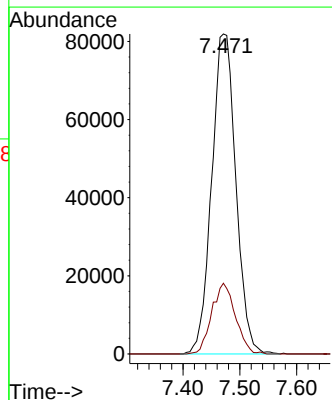
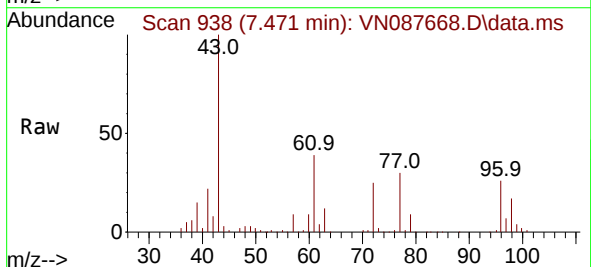
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#26
2,2-Dichloropropane
Concen: 45.049 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

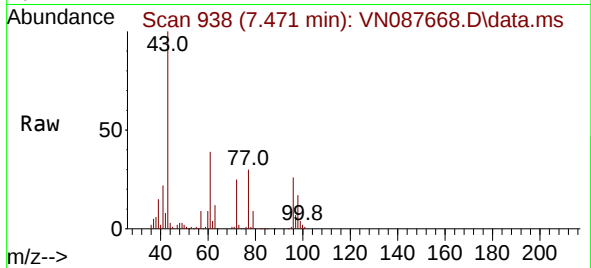
Tgt Ion: 77 Resp: 241945
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.792 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38

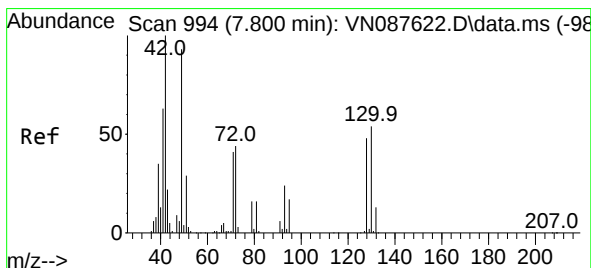
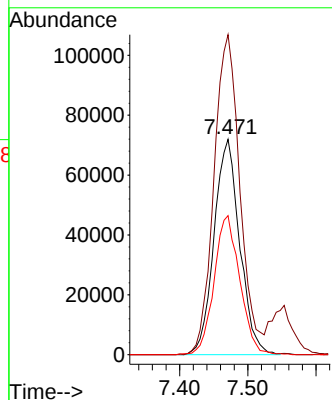
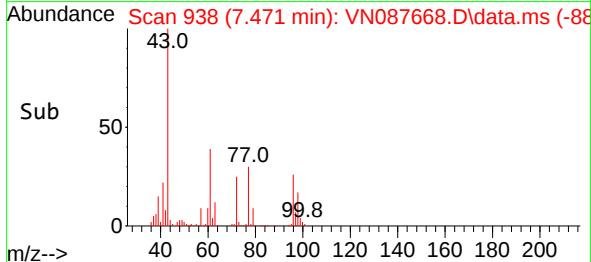
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 18827
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 301.8
 98 64.9 0.0 126.2

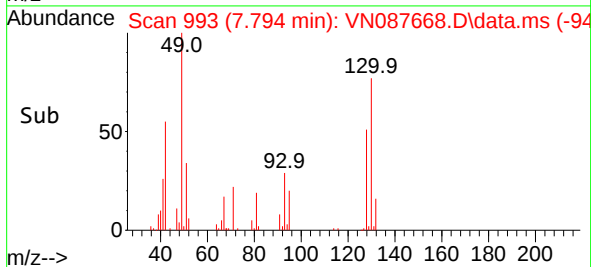
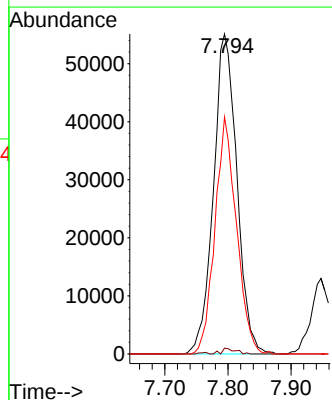
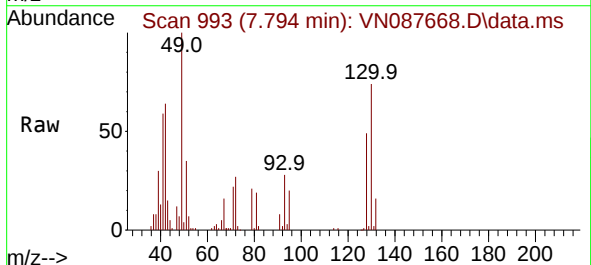
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025



#28
 Bromochloromethane
 Concen: 46.928 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38

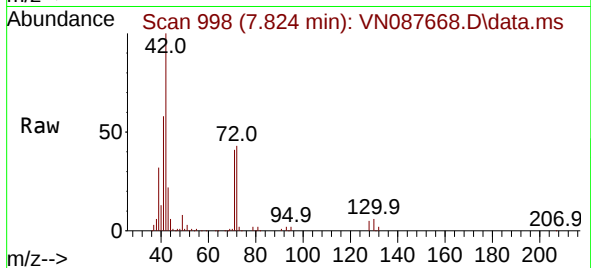
Tgt Ion: 49 Resp: 141967
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.0
 130 68.0 53.1 79.7





#29
Tetrahydrofuran
Concen: 255.790 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

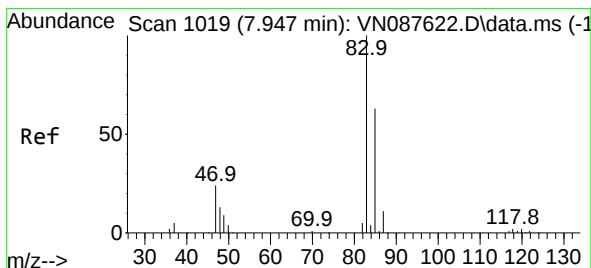
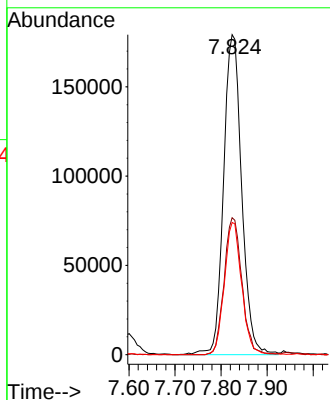
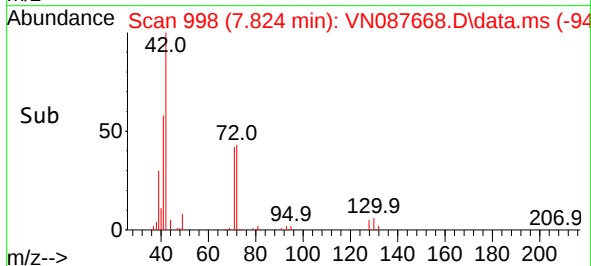
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 488962
Ion Ratio Lower Upper
42 100
72 42.0 33.7 50.5
71 39.5 31.9 47.9

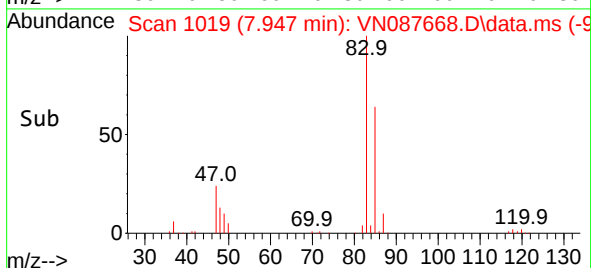
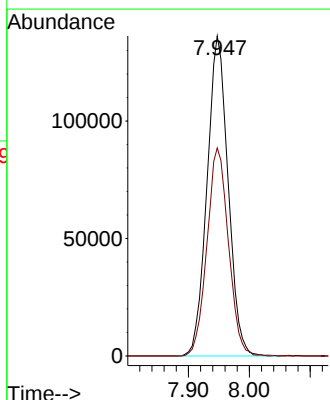
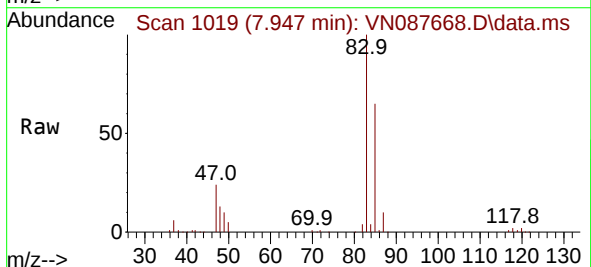
Manual Integrations
APPROVED

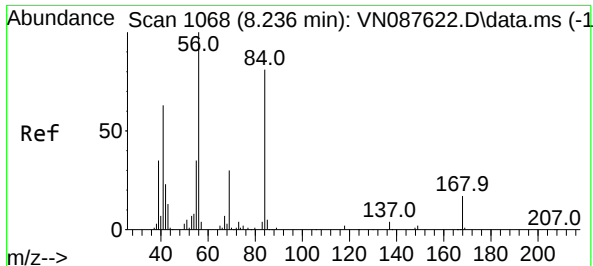
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#30
Chloroform
Concen: 51.187 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

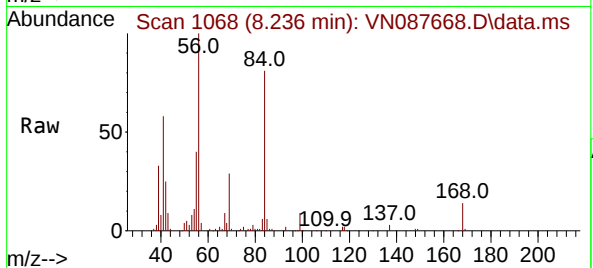
Tgt Ion: 83 Resp: 326935
Ion Ratio Lower Upper
83 100
85 65.0 50.7 76.1





#31
Cyclohexane
Concen: 48.759 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

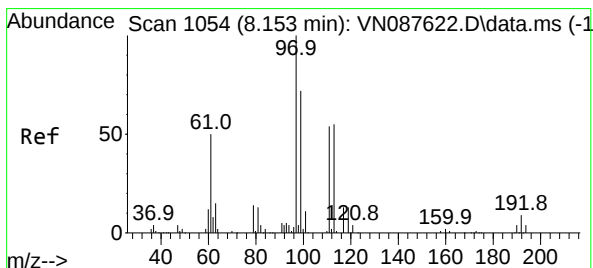
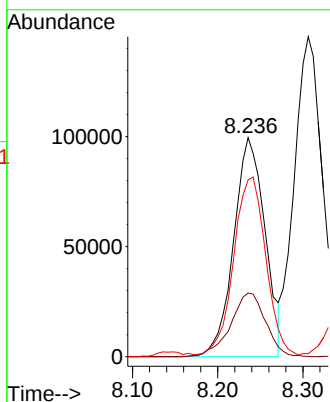
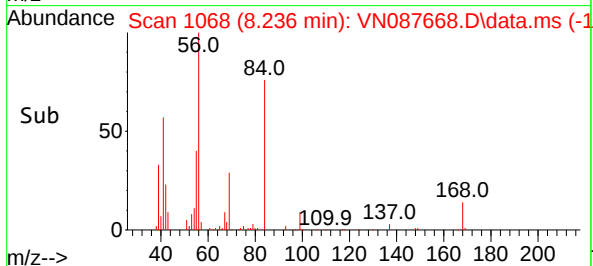
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



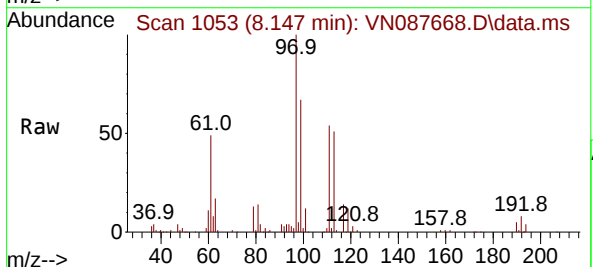
Tgt Ion: 56 Resp: 254359
Ion Ratio Lower Upper
56 100
69 29.0 23.7 35.5
84 78.7 64.7 97.1

Manual Integrations
APPROVED

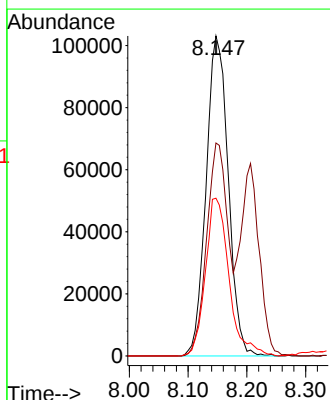
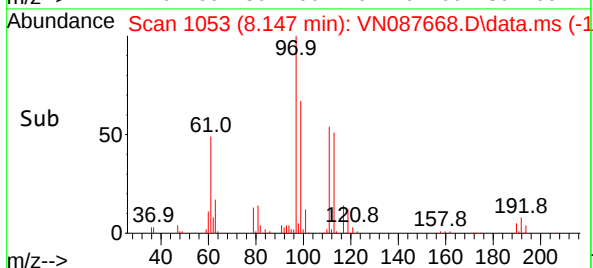
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

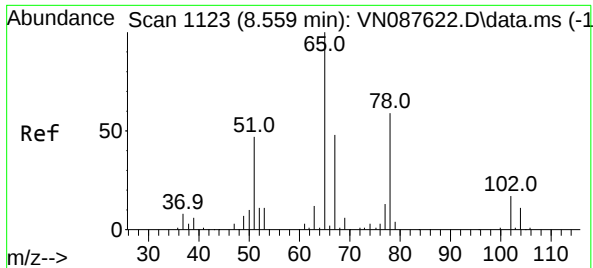


#32
1,1,1-Trichloroethane
Concen: 49.881 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



Tgt Ion: 97 Resp: 269999
Ion Ratio Lower Upper
97 100
99 63.7 52.2 78.2
61 52.6 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 45.532 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18884

Ion Ratio Lower Upper

65 100

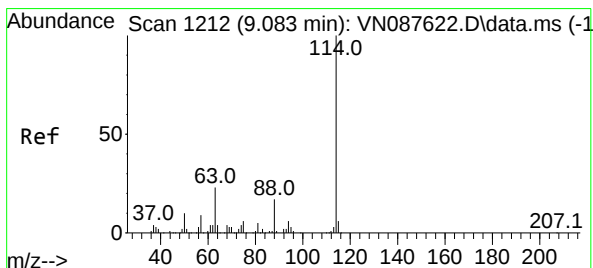
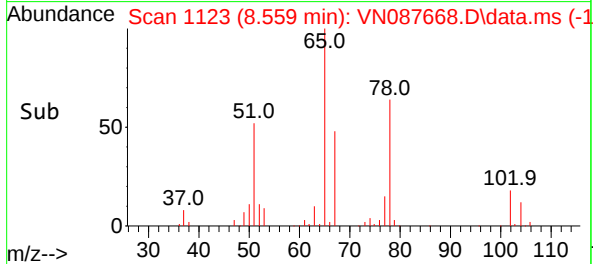
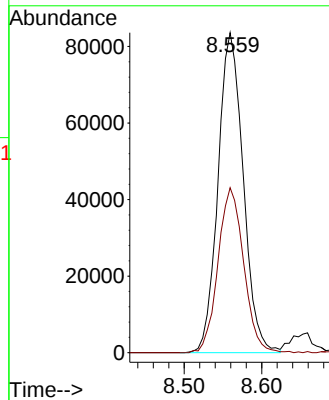
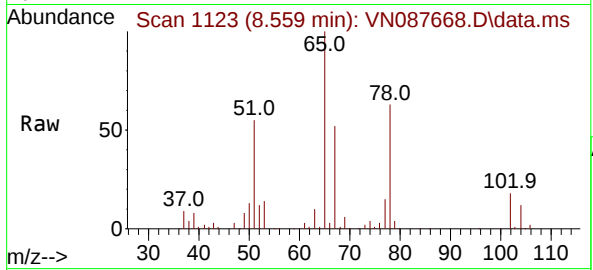
67 52.5 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

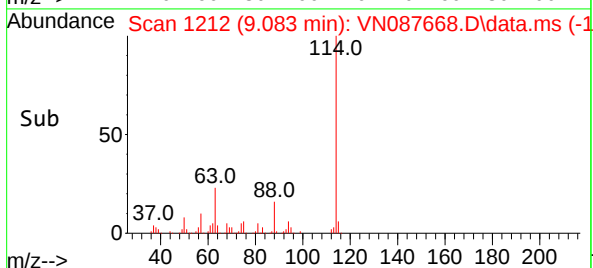
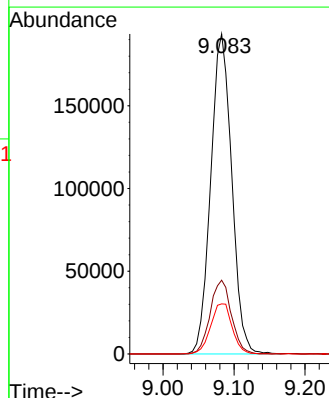
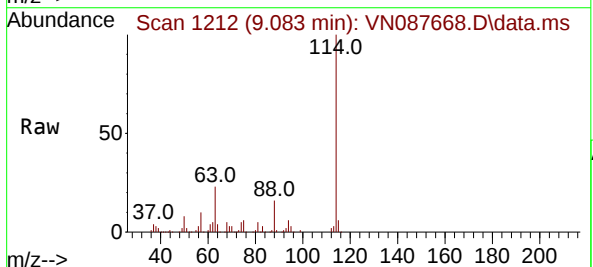
Tgt Ion:114 Resp: 396757

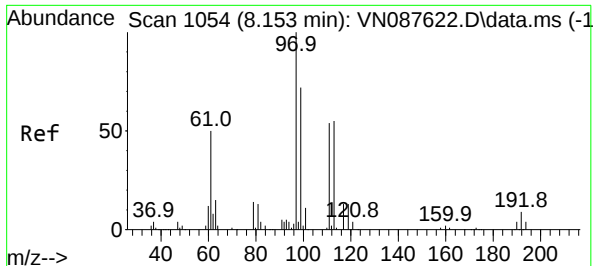
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.463 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 13309

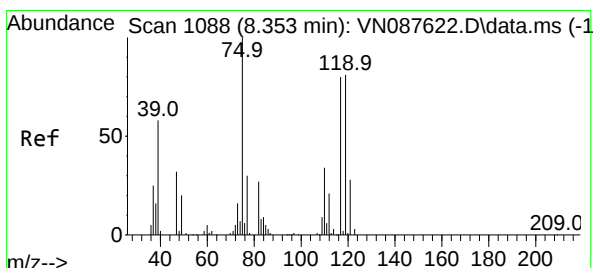
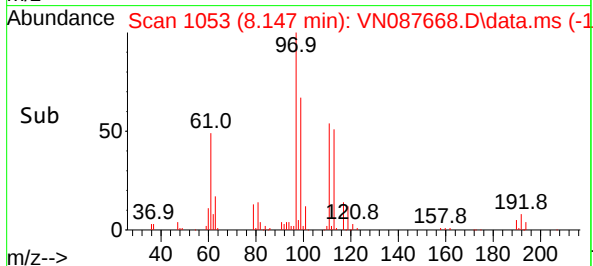
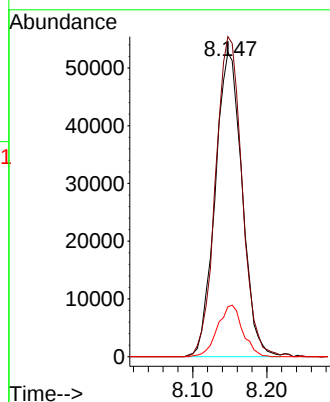
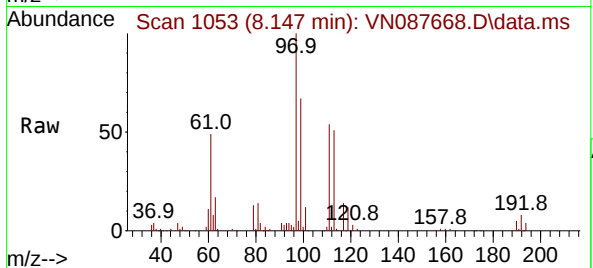
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.8	124.2
192	15.7	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#36

1,1-Dichloropropene

Concen: 48.367 ug/l

RT: 8.353 min Scan# 1088

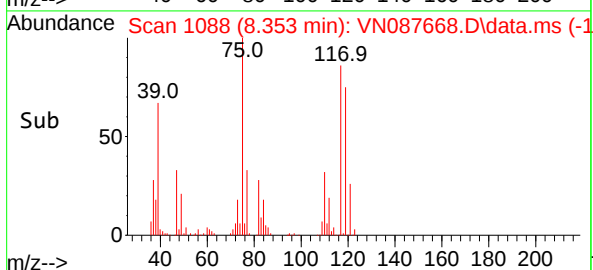
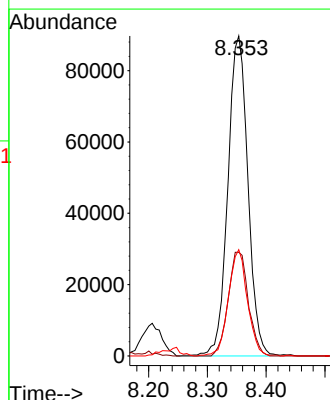
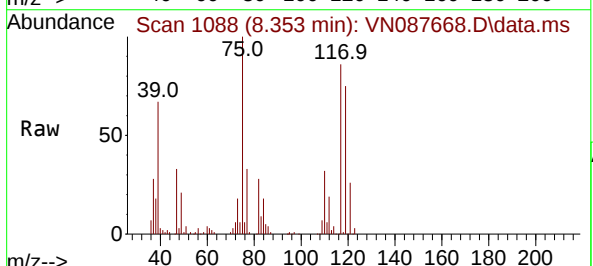
Delta R.T. 0.000 min

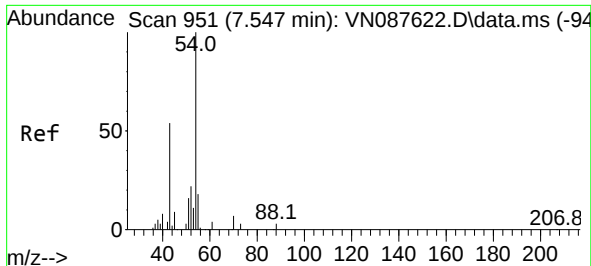
Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

Tgt Ion: 75 Resp: 212554

Ion	Ratio	Lower	Upper
75	100		
110	32.8	15.9	47.6
77	31.5	24.4	36.6





#37

Ethyl Acetate

Concen: 49.841 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 299305

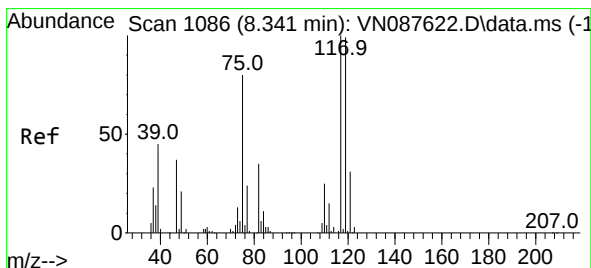
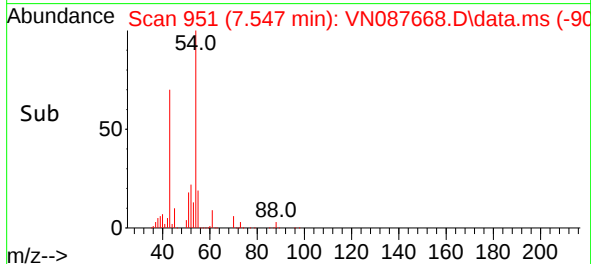
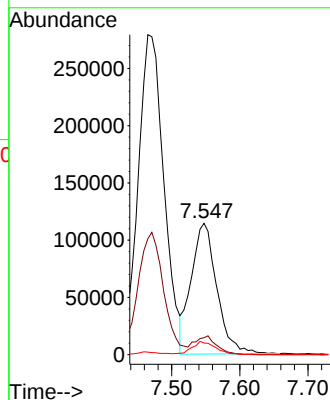
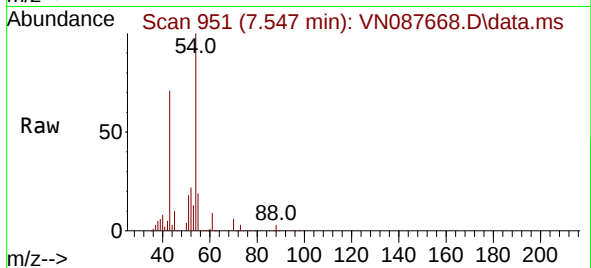
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.3	13.9
70	9.3	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#38

Carbon Tetrachloride

Concen: 52.556 ug/l

RT: 8.341 min Scan# 1086

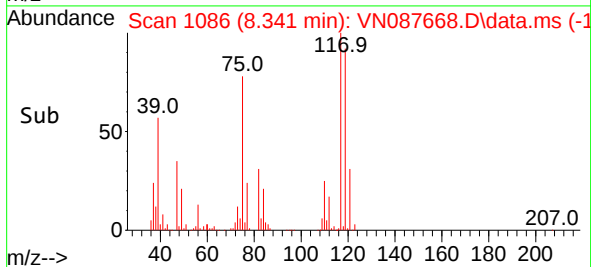
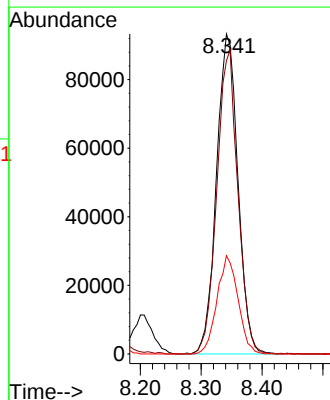
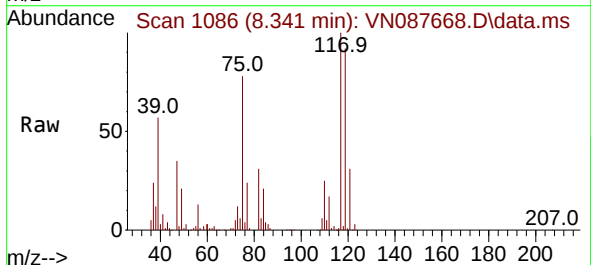
Delta R.T. 0.000 min

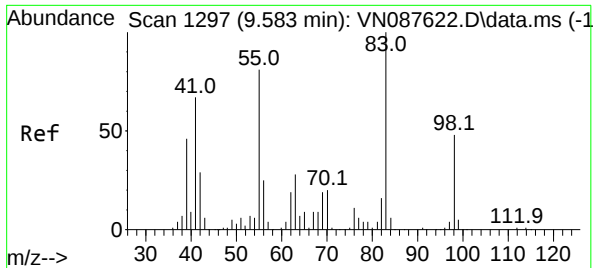
Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

Tgt Ion:117 Resp: 228035

Ion	Ratio	Lower	Upper
117	100		
119	91.6	79.0	118.6
121	30.7	25.0	37.6





#39
Methylcyclohexane
Concen: 49.040 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

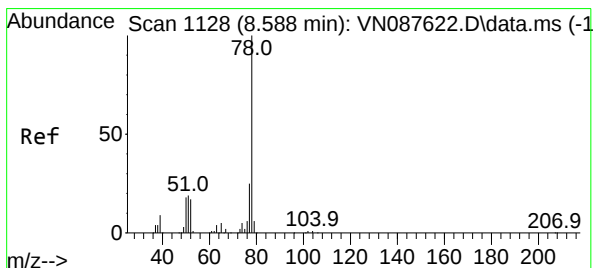
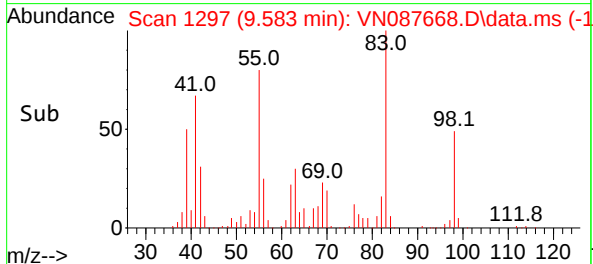
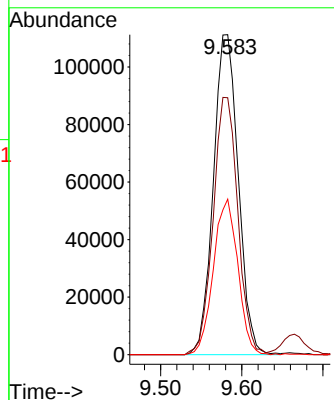
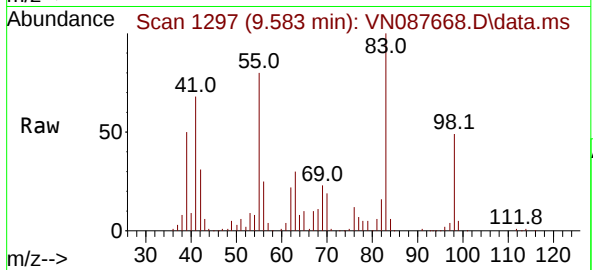
VSTDCCC050

Tgt Ion: 83 Resp: 237260
Ion Ratio Lower Upper
83 100
55 80.3 64.6 96.8
98 48.6 38.4 57.6

Manual Integrations

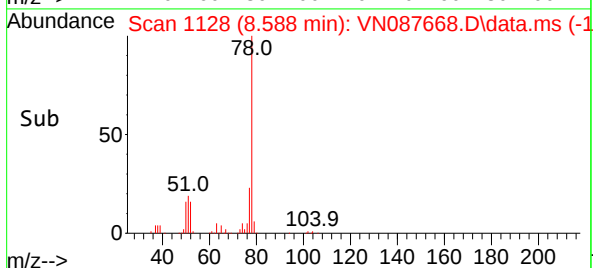
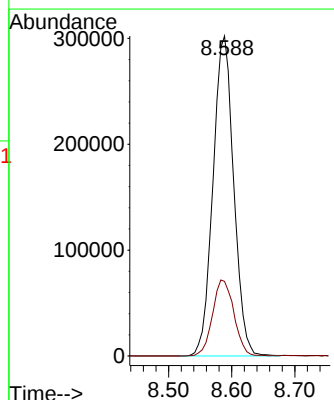
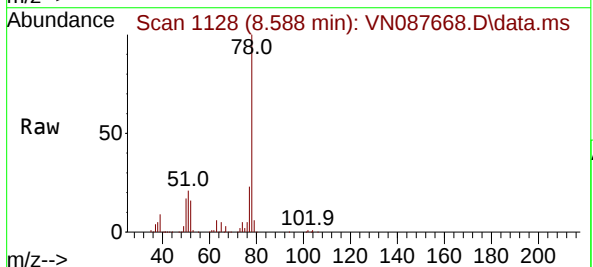
APPROVED

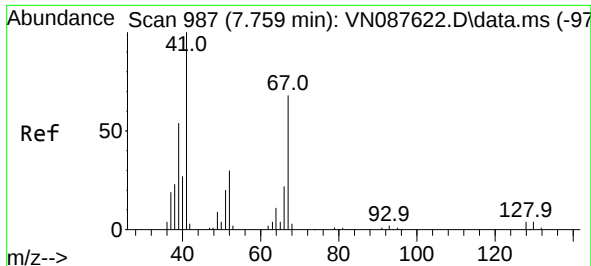
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#40
Benzene
Concen: 51.126 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

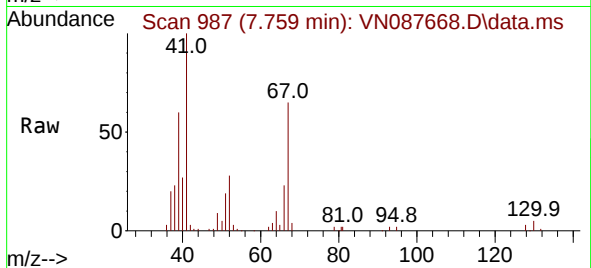
Tgt Ion: 78 Resp: 689118
Ion Ratio Lower Upper
78 100
77 23.3 19.7 29.5





#41
Methacrylonitrile
Concen: 50.581 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

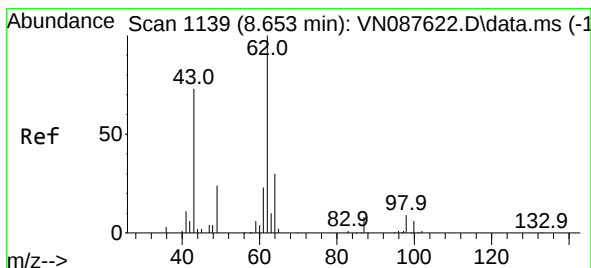
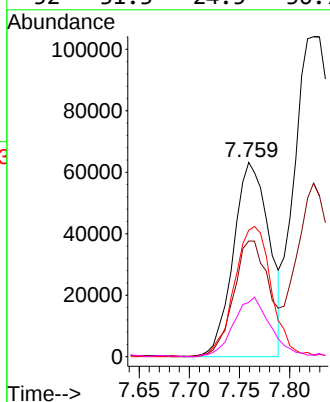
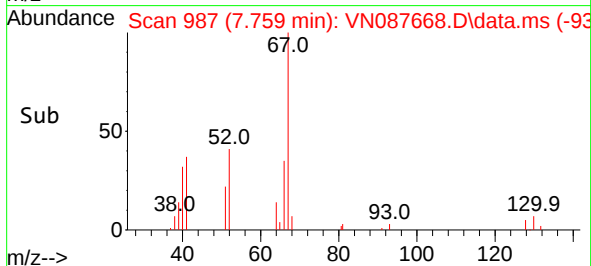
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



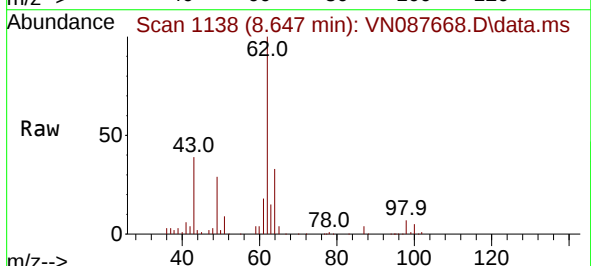
Tgt Ion: 41 Resp: 15734
Ion Ratio Lower Upper
41 100
39 59.0 45.4 68.0
67 69.5 55.3 82.9
52 31.3 24.5 36.7

Manual Integrations
APPROVED

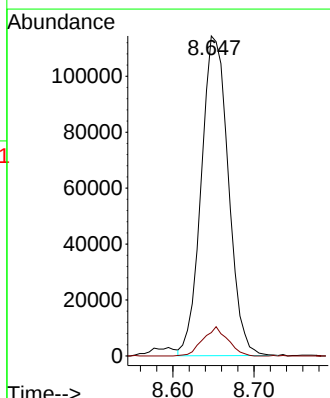
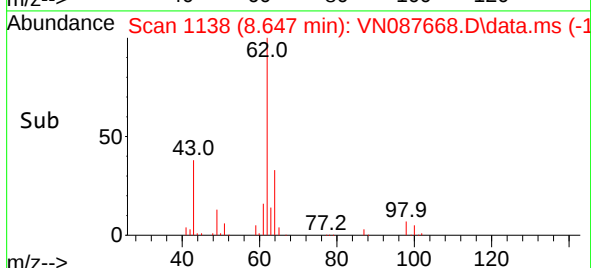
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

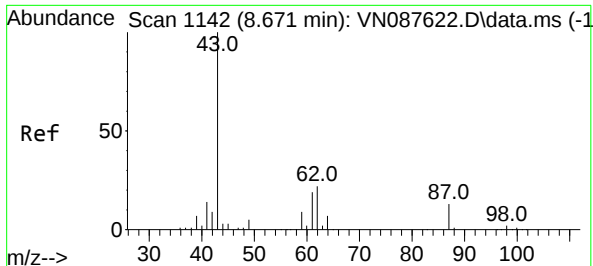


#42
1,2-Dichloroethane
Concen: 51.245 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



Tgt Ion: 62 Resp: 265435
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.4





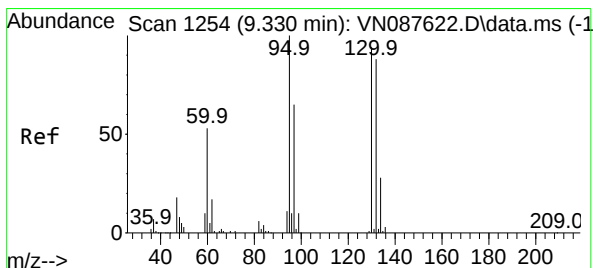
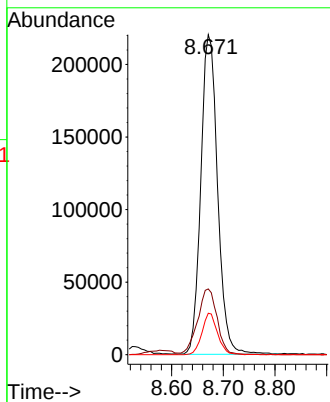
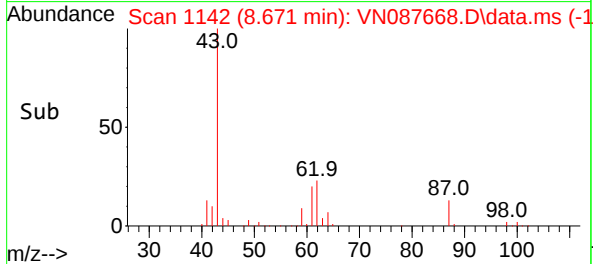
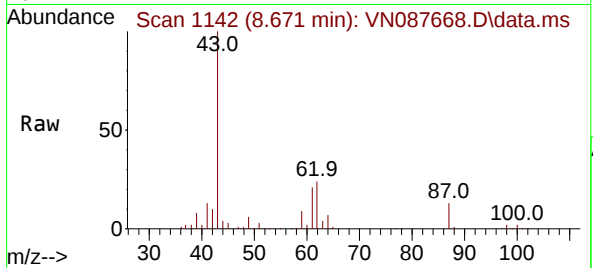
#43
Isopropyl Acetate
Concen: 53.007 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 496972
Ion Ratio Lower Upper
43 100
61 23.5 18.8 28.2
87 12.0 9.6 14.4

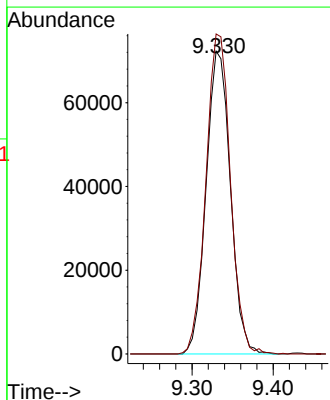
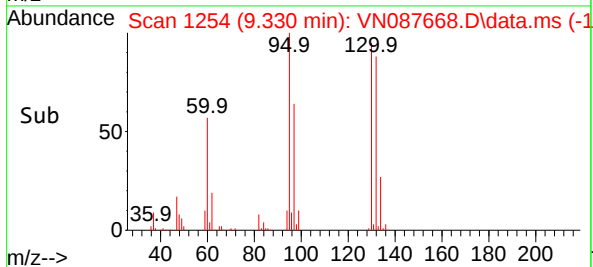
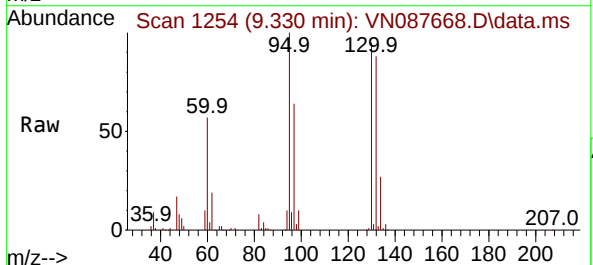
Manual Integrations
APPROVED

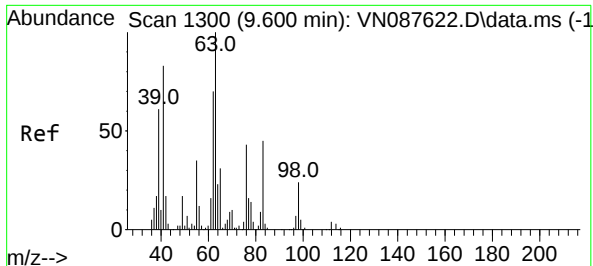
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#44
Trichloroethene
Concen: 48.849 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

Tgt Ion:130 Resp: 150326
Ion Ratio Lower Upper
130 100
95 105.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 51.053 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 18138

Ion Ratio Lower Upper

63 100

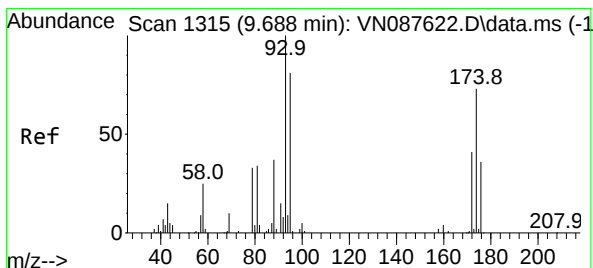
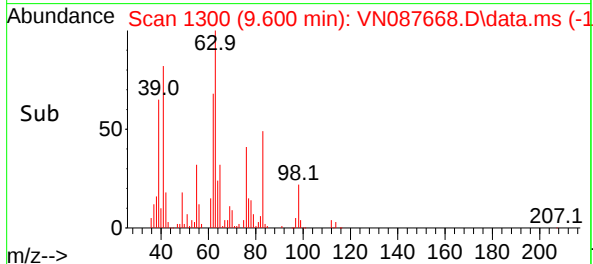
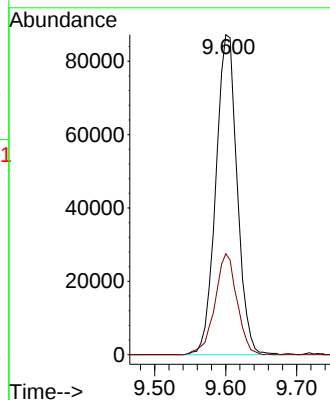
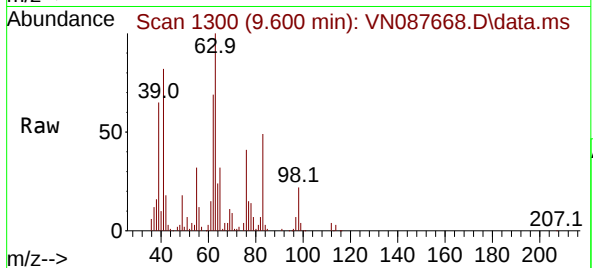
65 31.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#46

Dibromomethane

Concen: 51.984 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

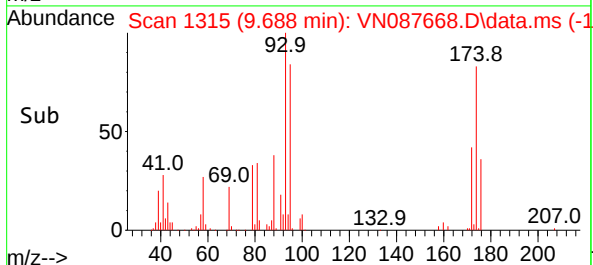
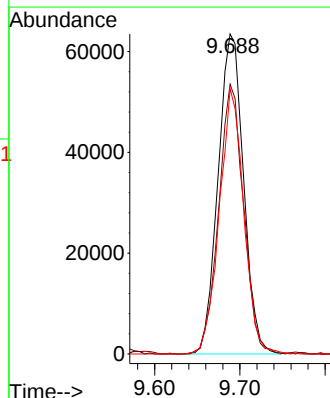
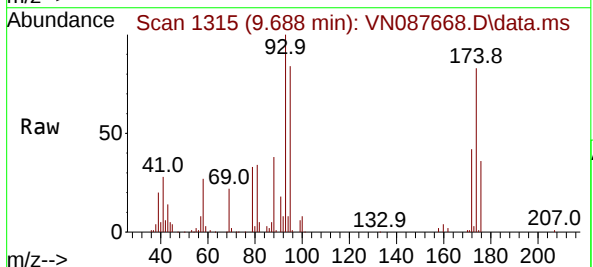
Tgt Ion: 93 Resp: 131432

Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

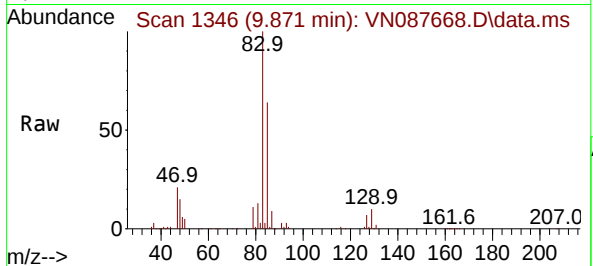
174 79.6 63.4 95.2





#47
Bromodichloromethane
Concen: 51.966 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

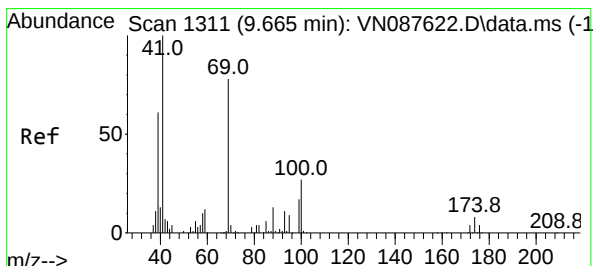
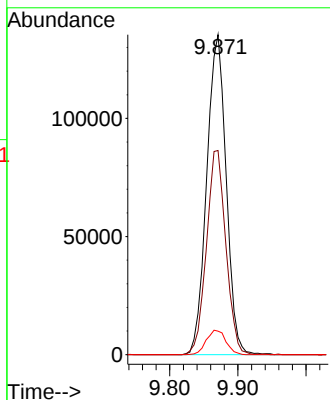
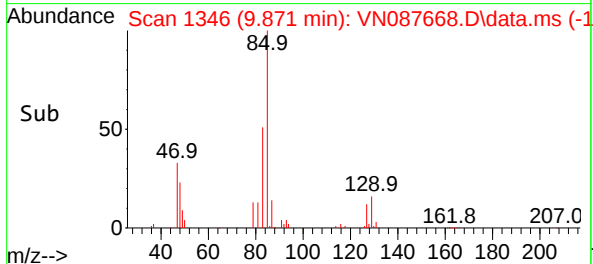
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



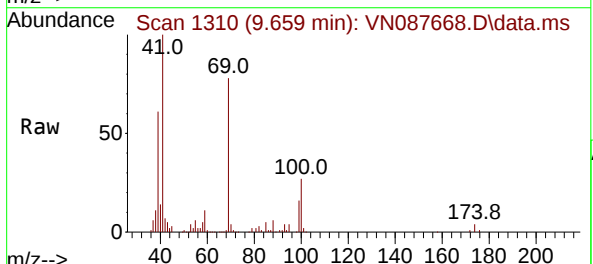
Tgt Ion: 83 Resp: 269269
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7
127 7.4 5.8 8.6

Manual Integrations
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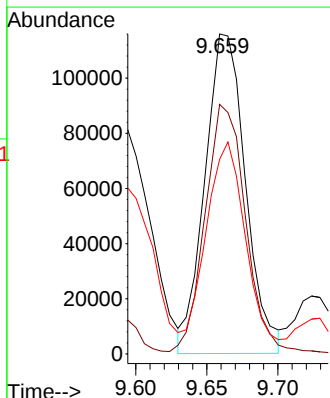
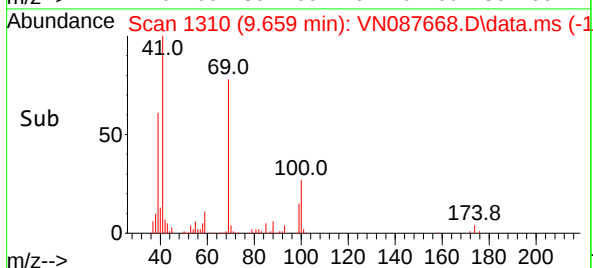
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

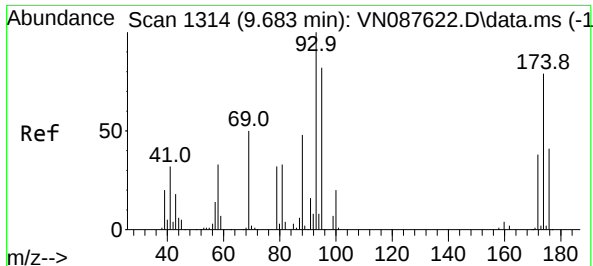


#48
Methyl methacrylate
Concen: 51.958 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



Tgt Ion: 41 Resp: 230418
Ion Ratio Lower Upper
41 100
69 77.8 62.7 94.1
39 65.6 52.9 79.3





#49

1,4-Dioxane

Concen: 1137.838 ug/l

RT: 9.683 min Scan# 11314

Delta R.T. 0.000 min

Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 6540

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

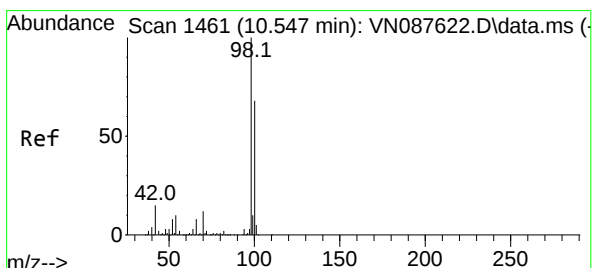
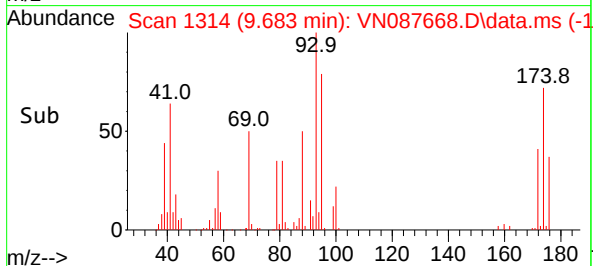
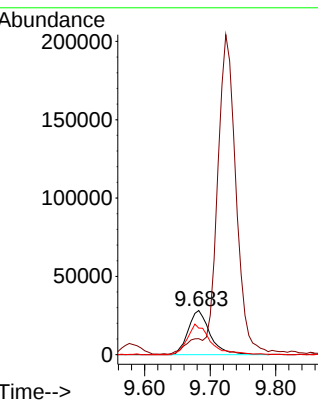
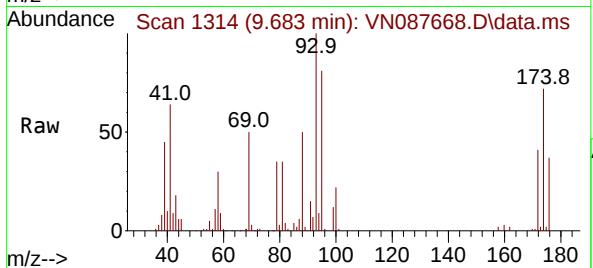
58 72.3 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#50

Toluene-d8

Concen: 46.689 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087668.D

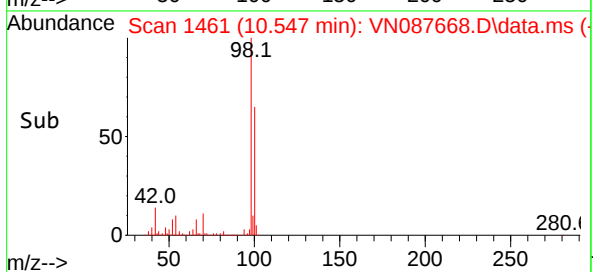
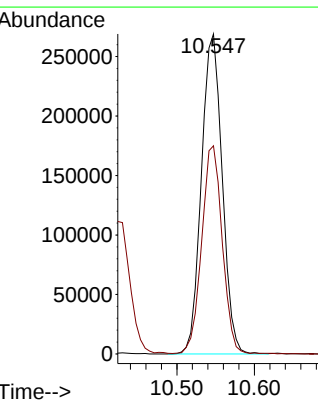
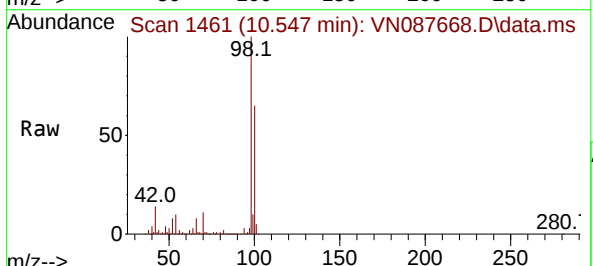
Acq: 26 Aug 2025 13:38

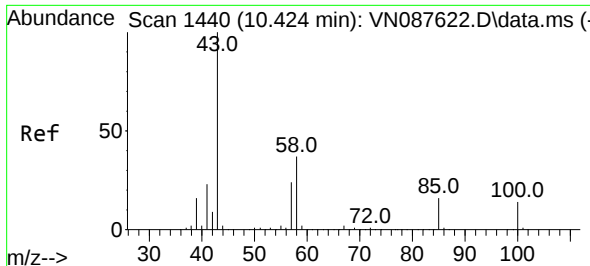
Tgt Ion: 98 Resp: 500580

Ion Ratio Lower Upper

98 100

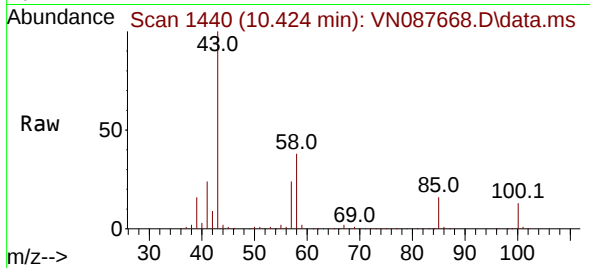
100 64.7 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 268.704 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

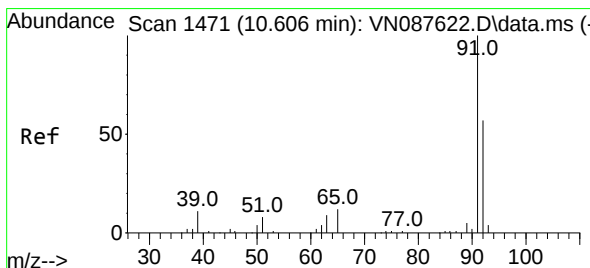
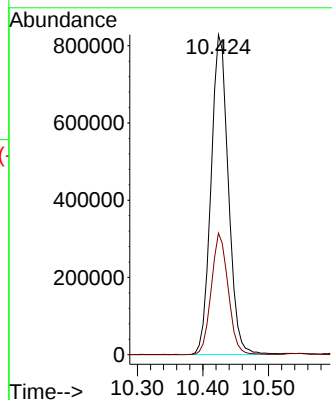
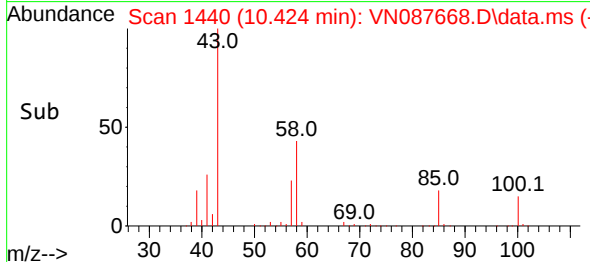
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1519980
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4

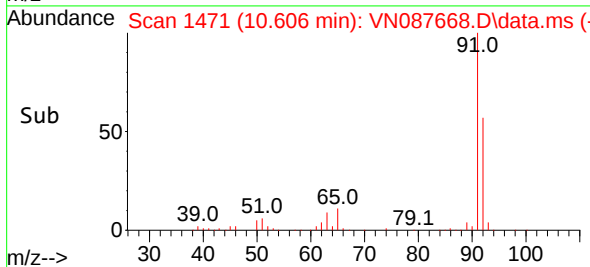
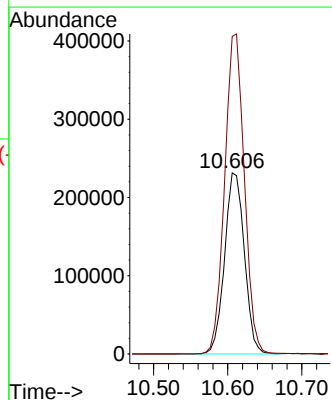
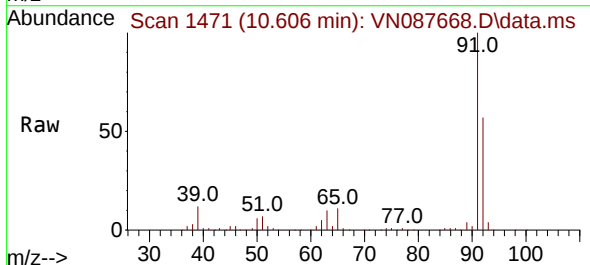
Manual Integrations
APPROVED

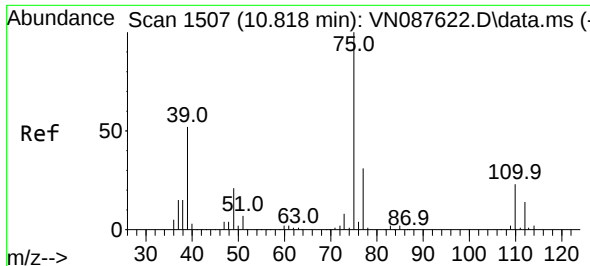
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#52
Toluene
Concen: 51.320 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

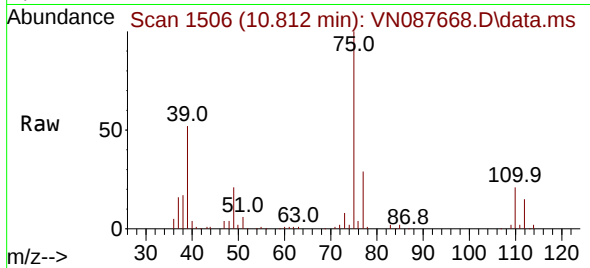
Tgt Ion: 92 Resp: 428838
Ion Ratio Lower Upper
92 100
91 176.3 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 52.029 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

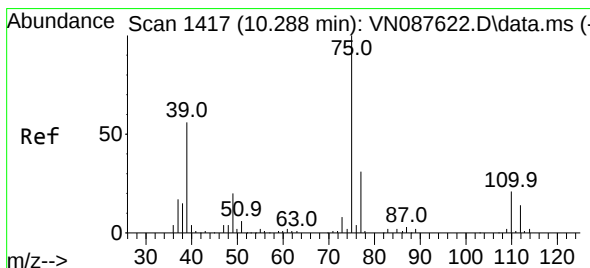
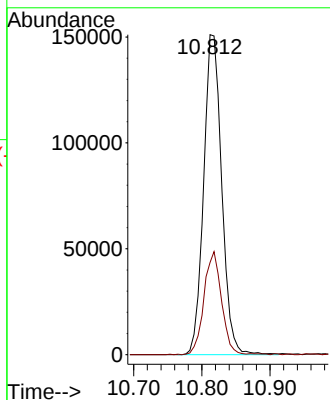
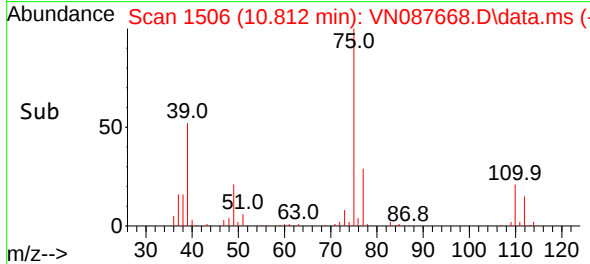
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



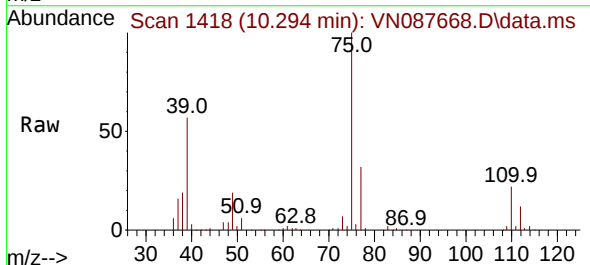
Tgt Ion: 75 Resp: 27906
Ion Ratio Lower Upper
75 100
77 28.7 25.2 37.8

Manual Integrations
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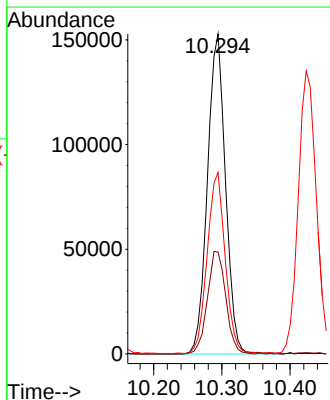
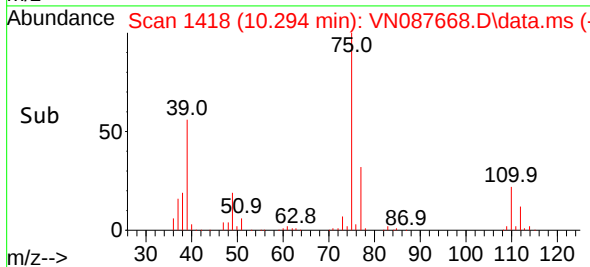
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

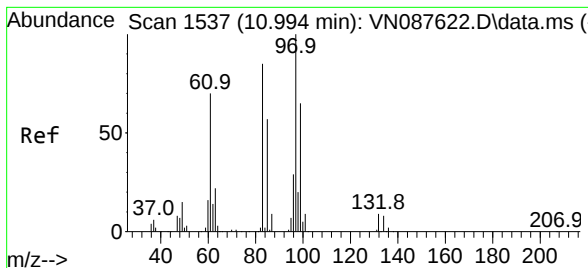


#54
cis-1,3-Dichloropropene
Concen: 50.601 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



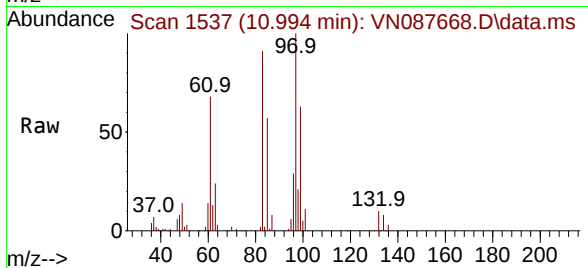
Tgt Ion: 75 Resp: 281804
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0
39 56.5 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 52.062 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

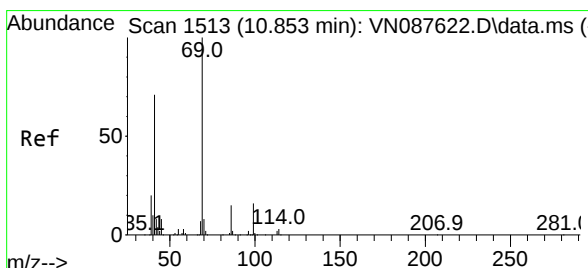
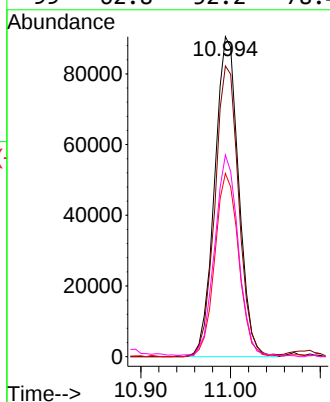
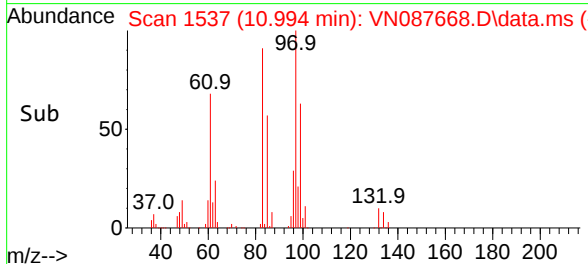
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



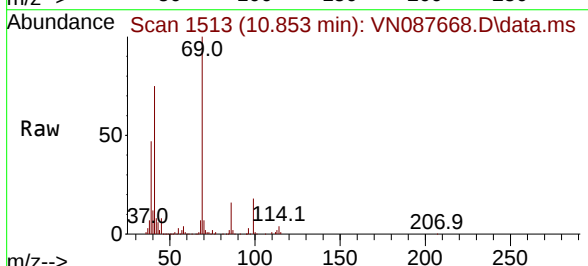
Tgt Ion:	97	Resp:	16829
Ion	Ratio	Lower	Upper
97	100		
83	90.9	68.2	102.4
85	56.9	45.5	68.3
99	62.8	52.2	78.4

Manual Integrations
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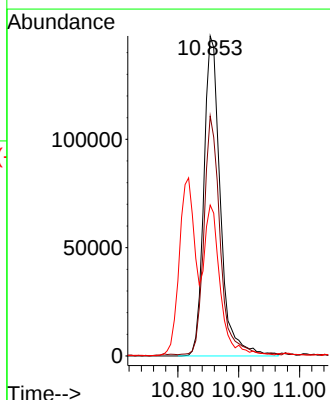
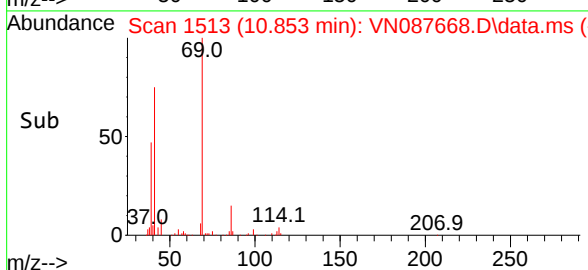
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#56
Ethyl methacrylate
Concen: 53.906 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



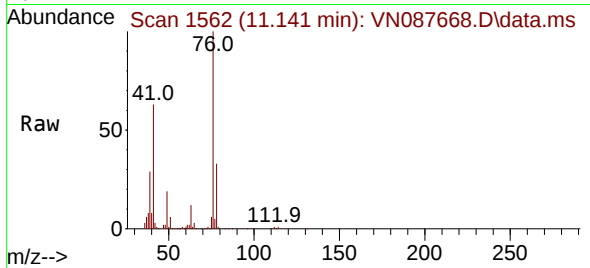
Tgt Ion:	69	Resp:	278477
Ion	Ratio	Lower	Upper
69	100		
41	72.5	56.5	84.7
39	45.4	34.2	51.4





#57
1,3-Dichloropropane
Concen: 52.381 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

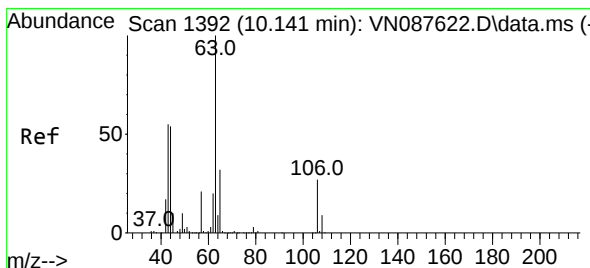
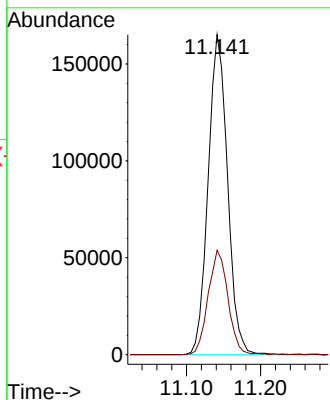
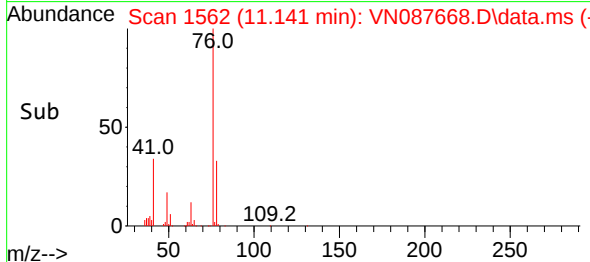
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 299660
Ion Ratio Lower Upper
76 100
78 33.4 26.2 39.4

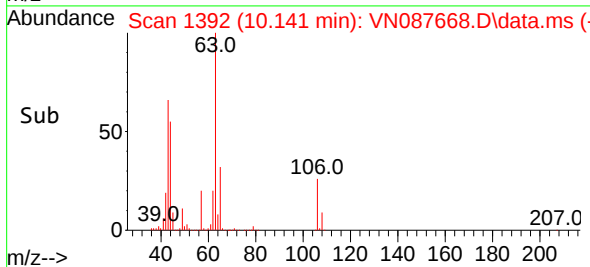
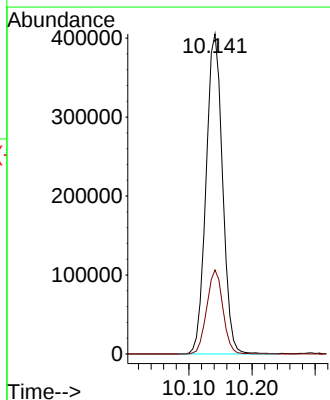
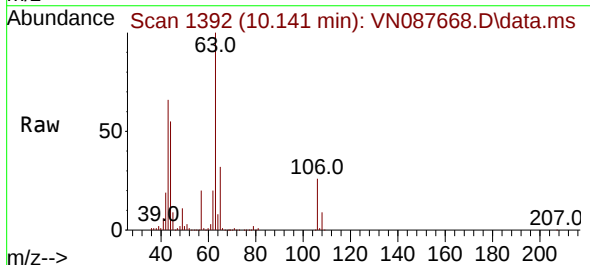
Manual Integrations
APPROVED

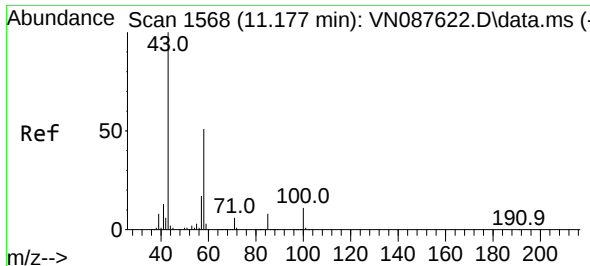
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 262.345 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

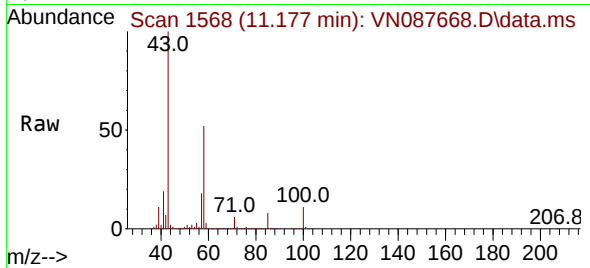
Tgt Ion: 63 Resp: 733548
Ion Ratio Lower Upper
63 100
106 25.7 21.1 31.7





#59
2-Hexanone
Concen: 289.527 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

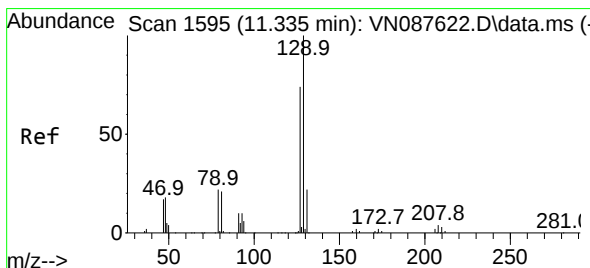
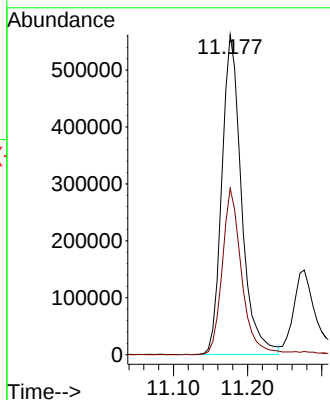
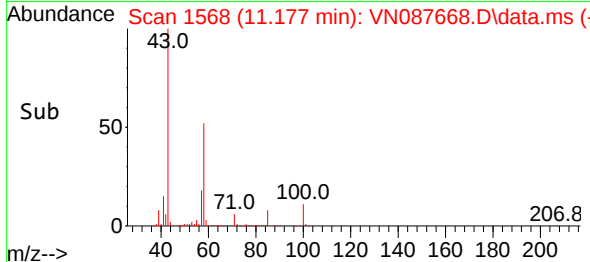
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



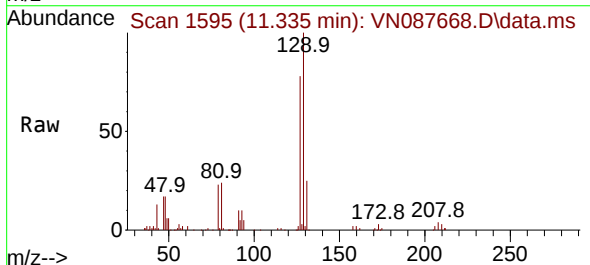
Tgt Ion: 43 Resp: 103506
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8

Manual Integrations
APPROVED

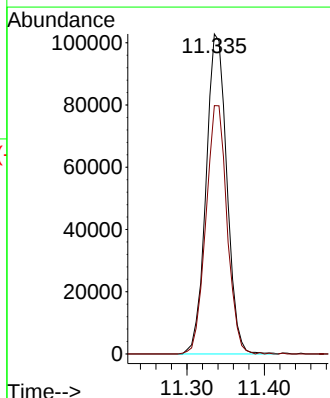
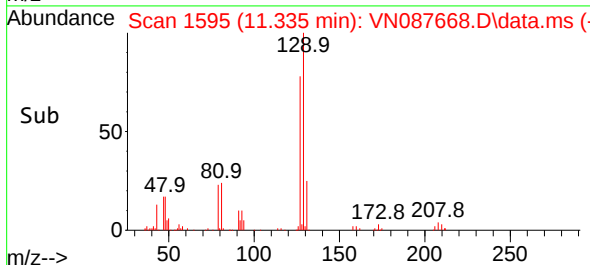
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

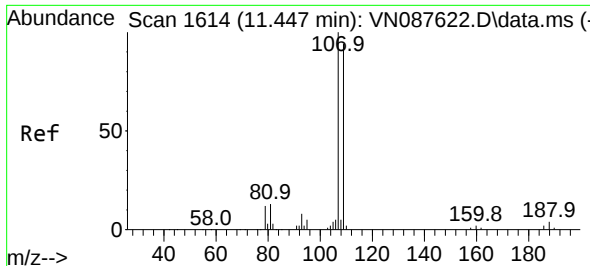


#60
Dibromochloromethane
Concen: 51.074 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



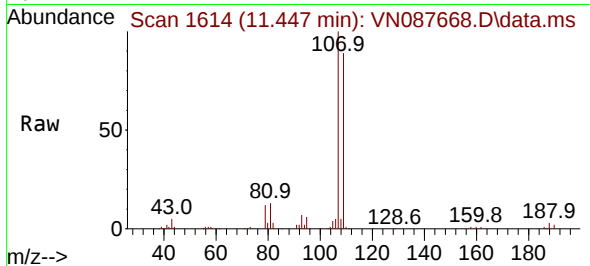
Tgt Ion:129 Resp: 191301
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.3





#61
1,2-Dibromoethane
Concen: 52.150 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

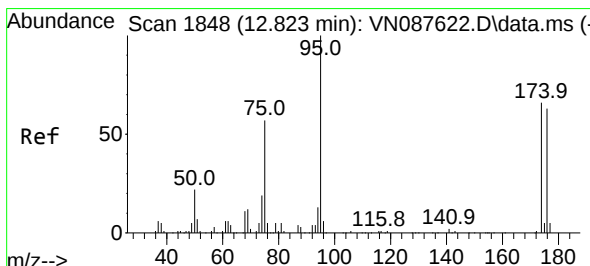
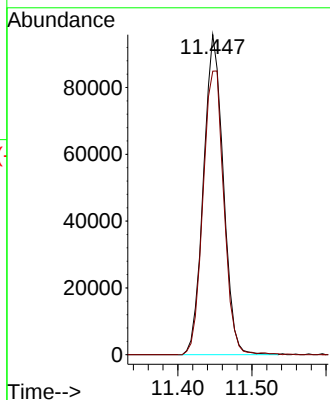
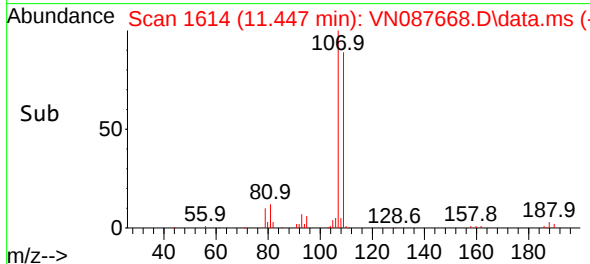
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



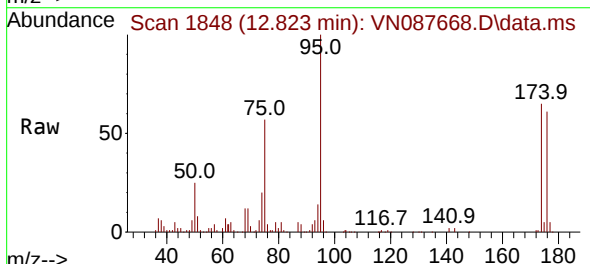
Tgt Ion:107 Resp: 177750
Ion Ratio Lower Upper
107 100
109 93.4 74.7 112.1

Manual Integrations
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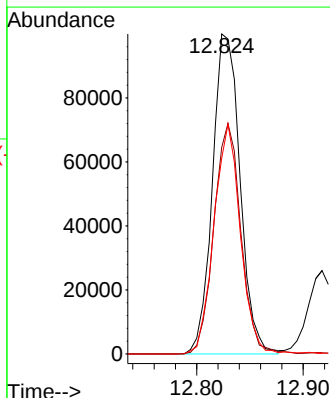
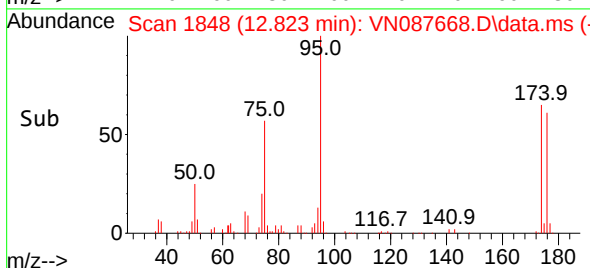
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

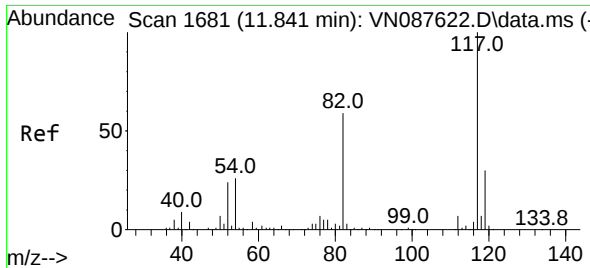


#62
4-Bromofluorobenzene
Concen: 47.130 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



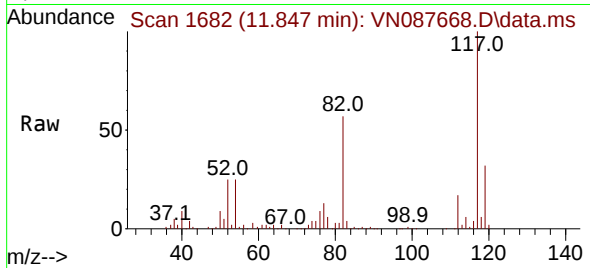
Tgt Ion: 95 Resp: 179702
Ion Ratio Lower Upper
95 100
174 70.5 0.0 138.4
176 69.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

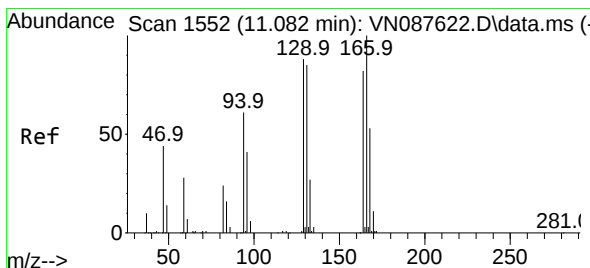
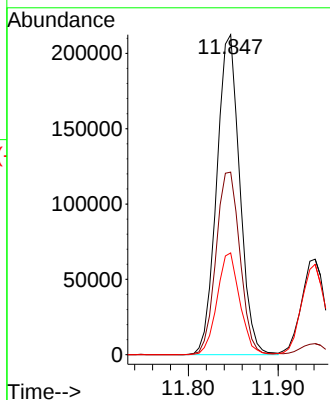
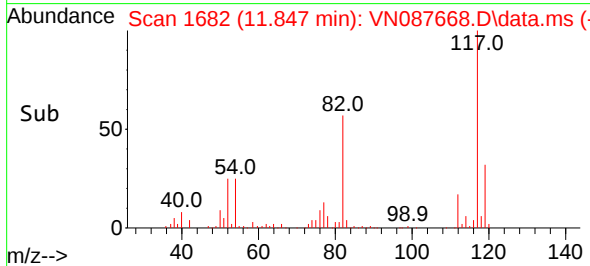
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 378748
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.8 24.3 36.5

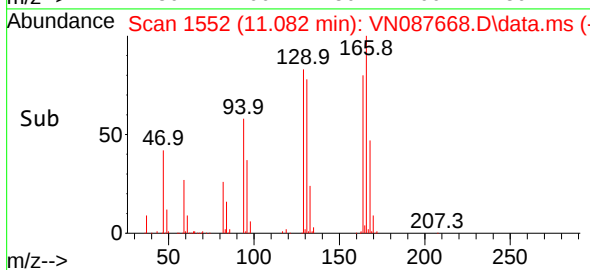
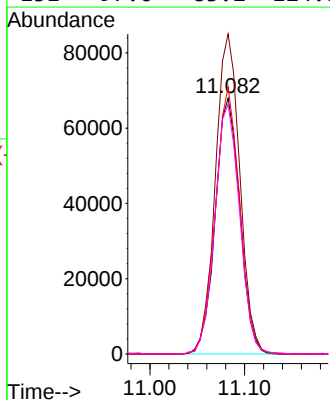
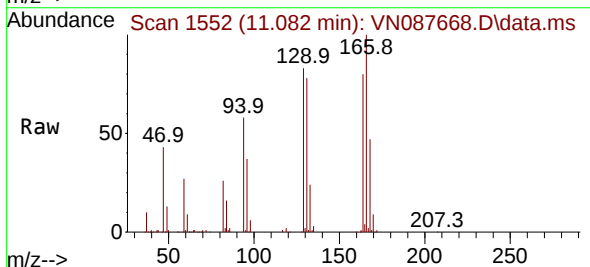
Manual Integrations
APPROVED

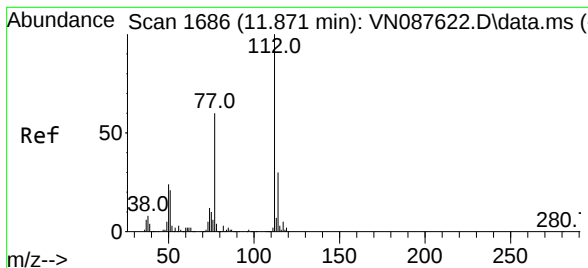
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#64
Tetrachloroethene
Concen: 46.898 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

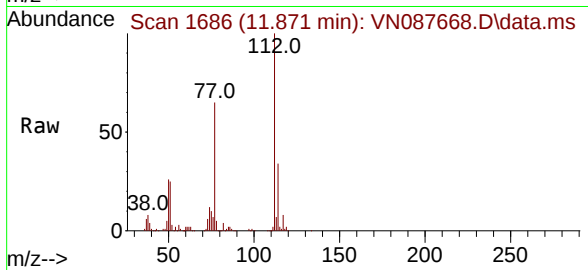
Tgt Ion:164 Resp: 123235
Ion Ratio Lower Upper
164 100
166 125.1 97.7 146.5
129 104.4 85.9 128.9
131 97.6 83.2 124.8





#65
Chlorobenzene
Concen: 48.810 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

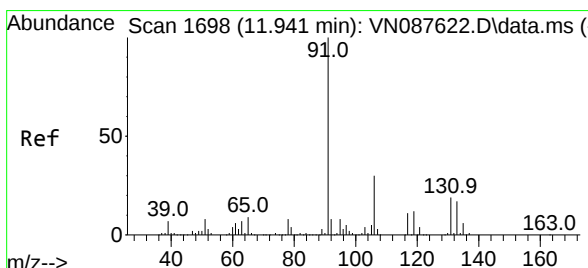
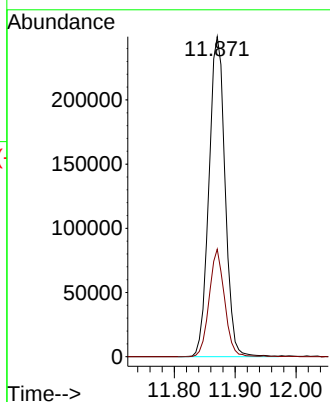
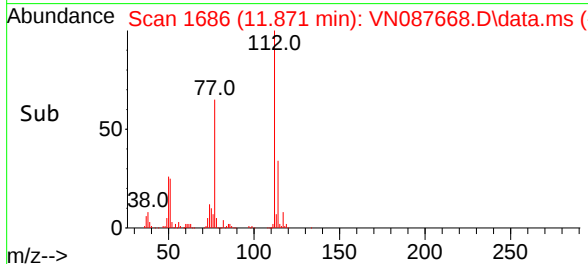
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



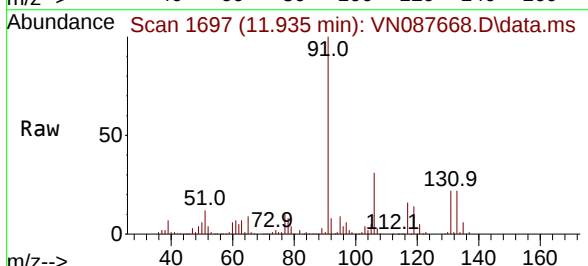
Tgt Ion:112 Resp: 459918
Ion Ratio Lower Upper
112 100
114 33.6 24.3 36.5

Manual Integrations
APPROVED

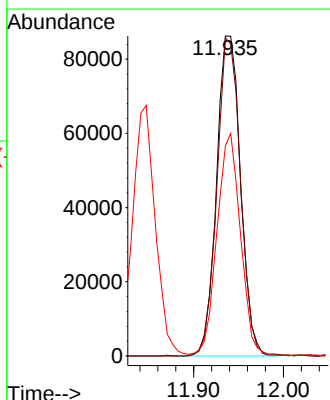
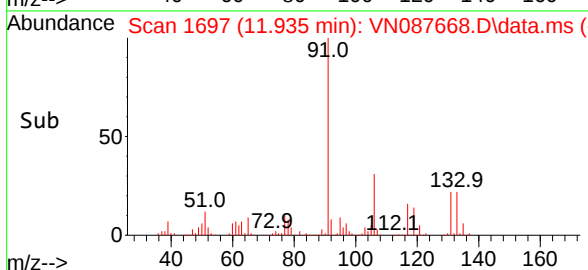
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

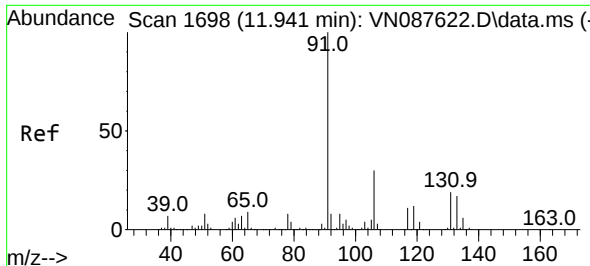


#66
1,1,1,2-Tetrachloroethane
Concen: 51.134 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



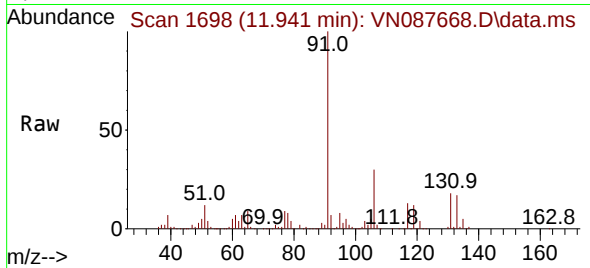
Tgt Ion:131 Resp: 159957
Ion Ratio Lower Upper
131 100
133 97.4 48.0 144.0
119 68.2 32.6 97.7





#67
Ethyl Benzene
Concen: 50.930 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

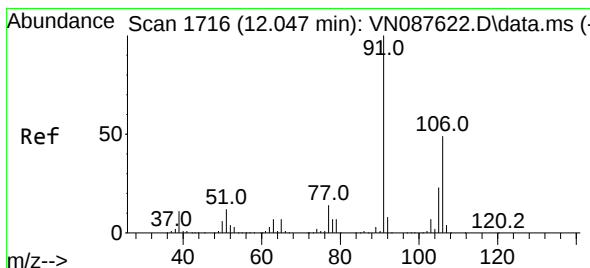
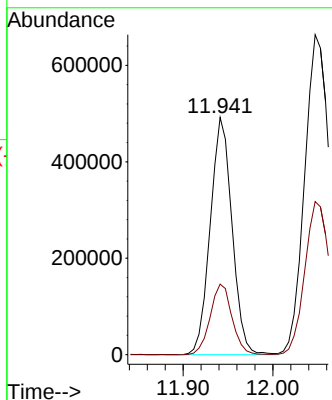
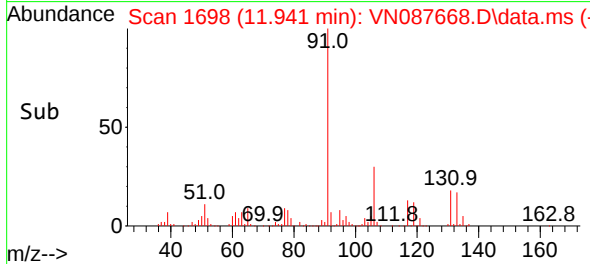
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 830898
Ion Ratio Lower Upper
91 100
106 29.8 24.1 36.1

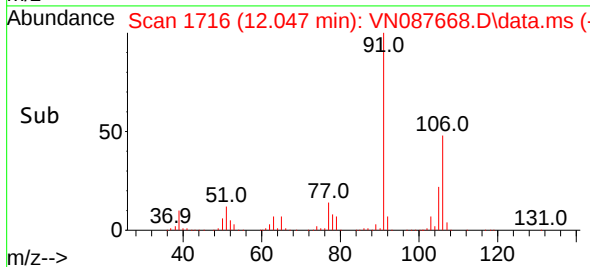
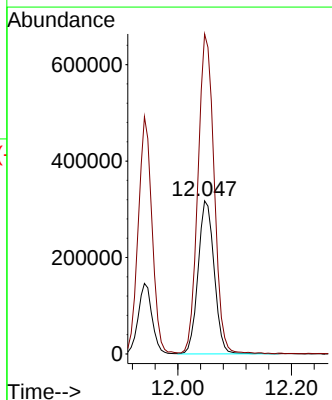
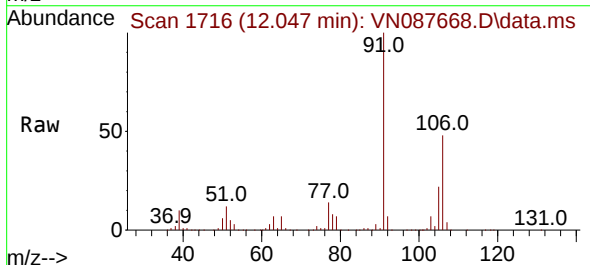
Manual Integrations
APPROVED

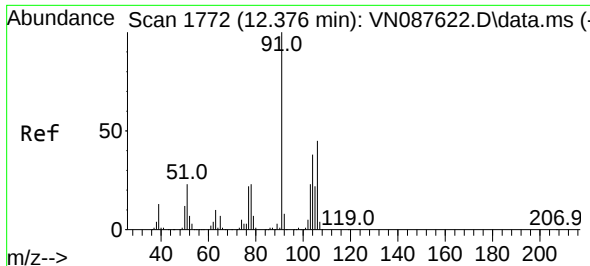
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#68
m/p-Xylenes
Concen: 104.001 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

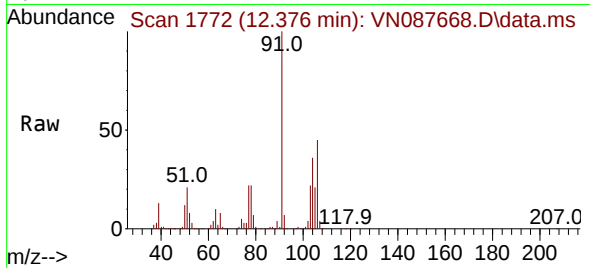
Tgt Ion:106 Resp: 622266
Ion Ratio Lower Upper
106 100
91 210.5 169.3 253.9





#69
o-Xylene
Concen: 51.152 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

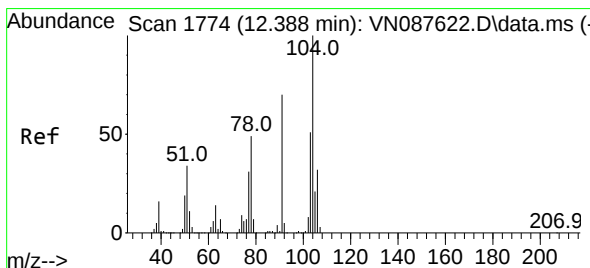
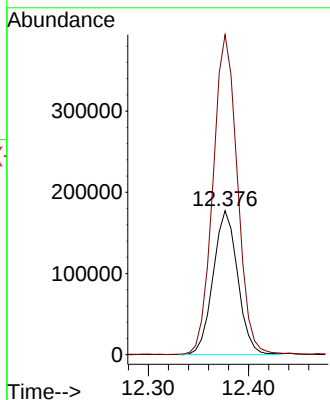
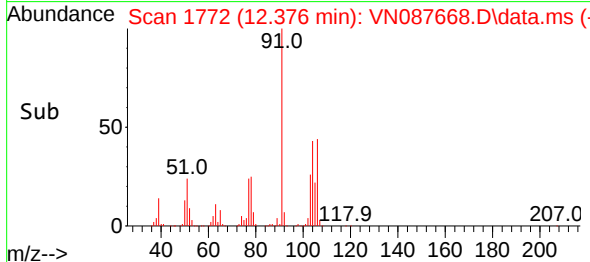
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 299935
Ion Ratio Lower Upper
106 100
91 222.4 111.4 334.2

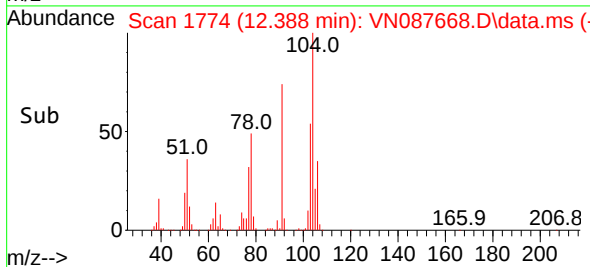
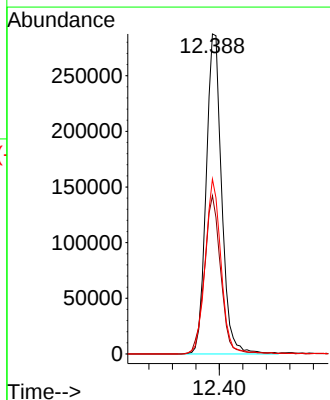
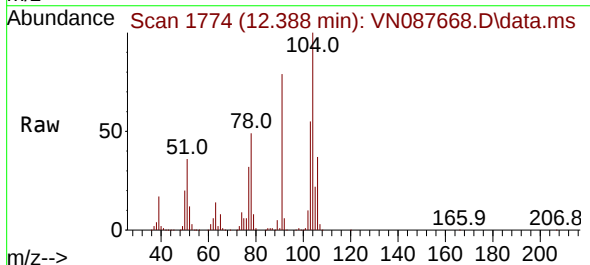
Manual Integrations
APPROVED

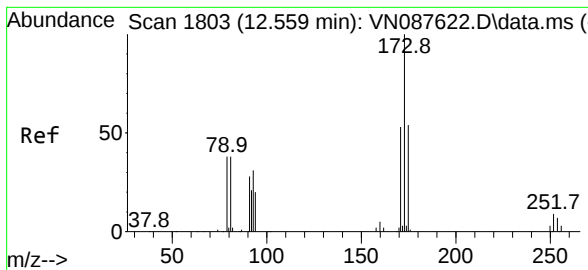
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#70
Styrene
Concen: 53.749 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

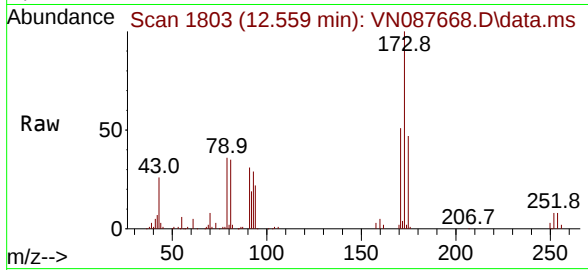
Tgt Ion:104 Resp: 528007
Ion Ratio Lower Upper
104 100
78 51.8 42.2 63.2
103 55.7 43.4 65.2





#71
Bromoform
Concen: 53.353 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

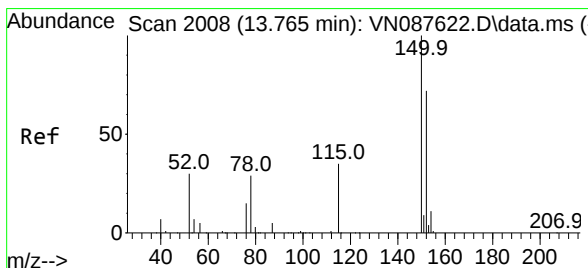
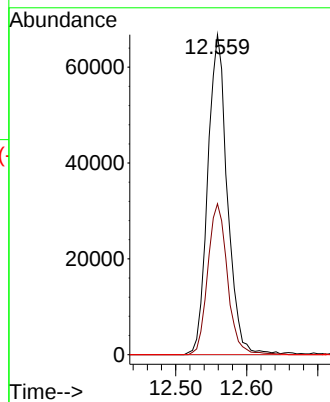
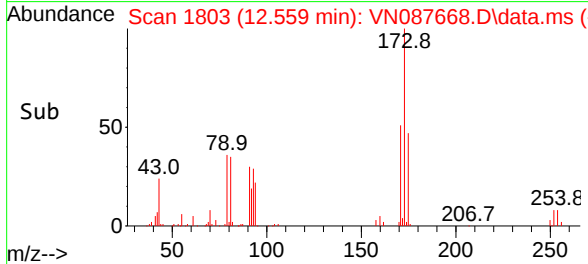
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



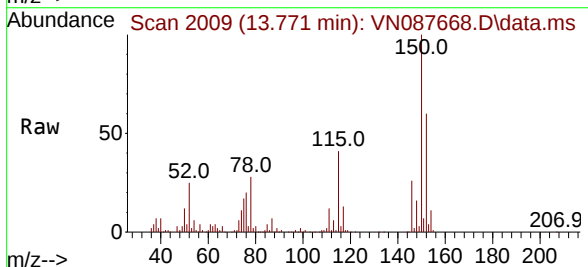
Tgt Ion:173 Resp: 127995
Ion Ratio Lower Upper
173 100
175 47.4 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

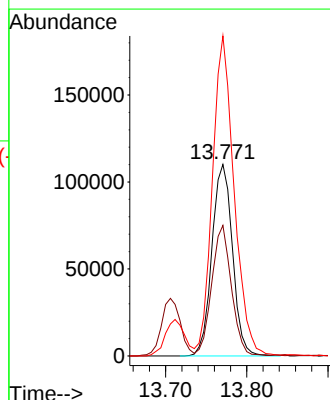
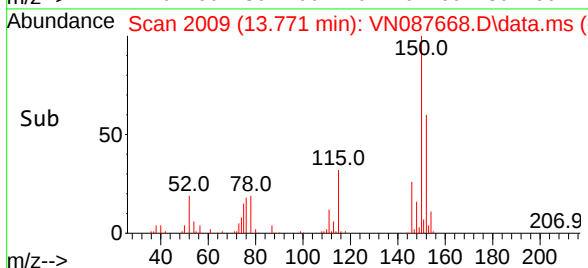
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

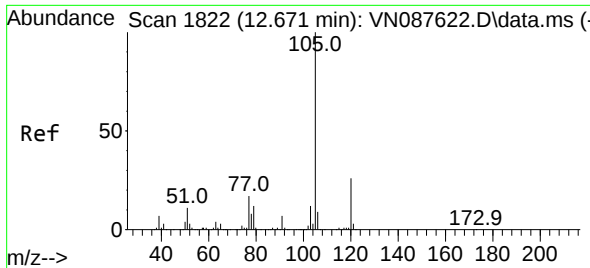


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



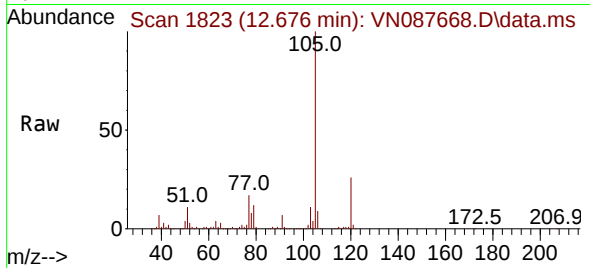
Tgt Ion:152 Resp: 193995
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 174.6 0.0 351.0





#73
Isopropylbenzene
Concen: 48.762 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

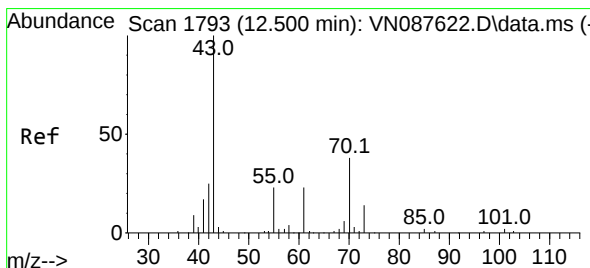
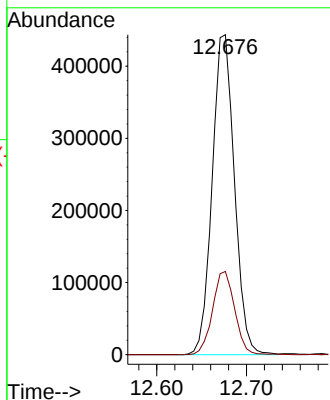
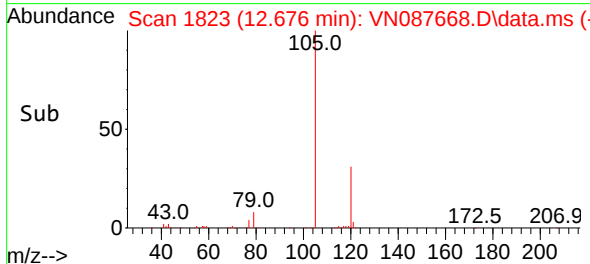
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 105 Resp: 76440
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3

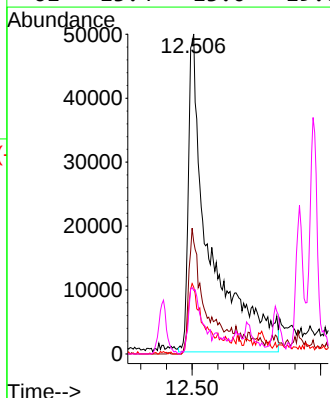
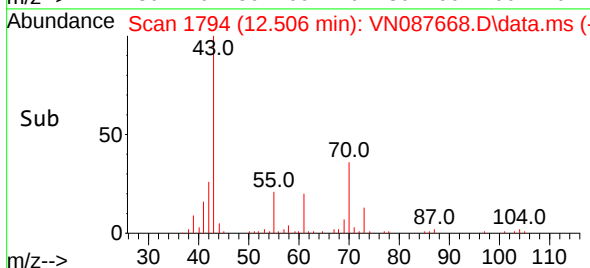
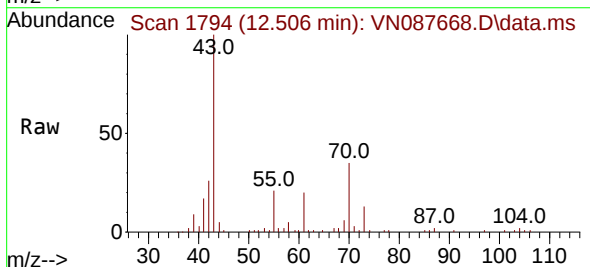
Manual Integrations
APPROVED

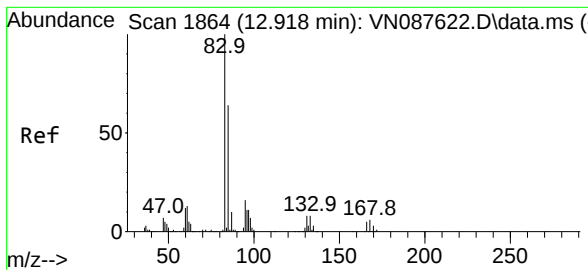
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#74
N-ethyl acetate
Concen: 48.504 ug/l m
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

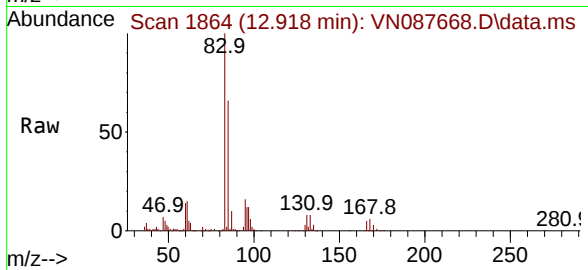
Tgt Ion: 43 Resp: 288146
Ion Ratio Lower Upper
43 100
70 22.0 27.6 41.4#
55 14.3 13.0 19.6
61 13.4 13.0 19.6





#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.733 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38

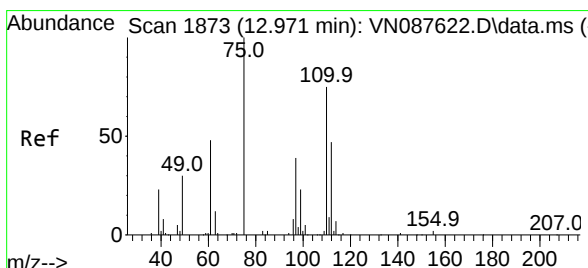
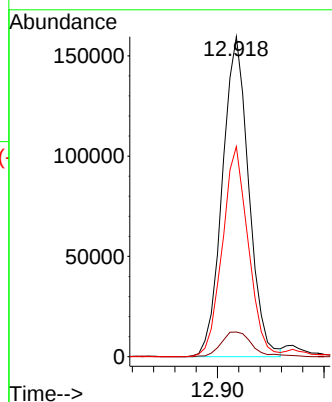
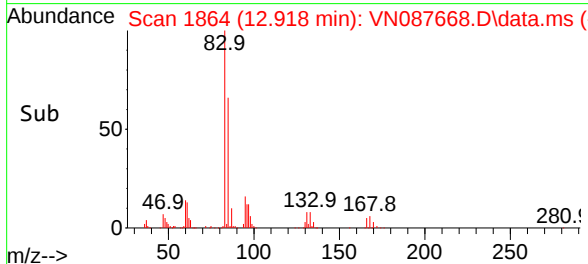
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



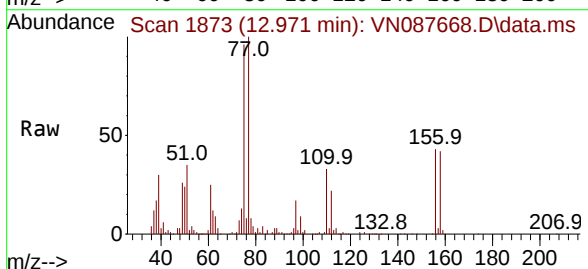
Tgt Ion: 83 Resp: 273809
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.8 14.4
 85 64.4 32.1 96.3

Manual Integrations
 APPROVED

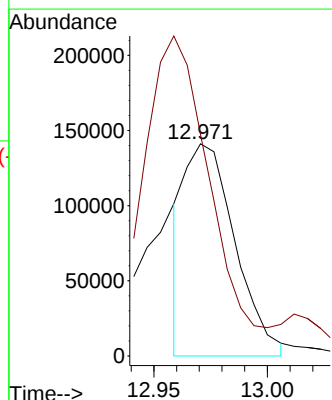
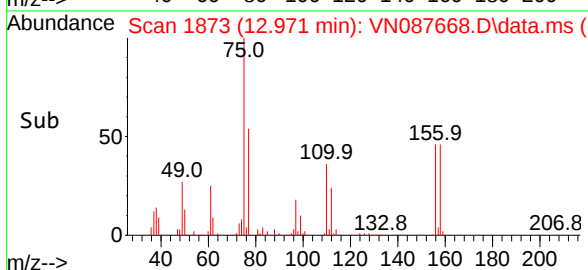
Reviewed By :John Carlone 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

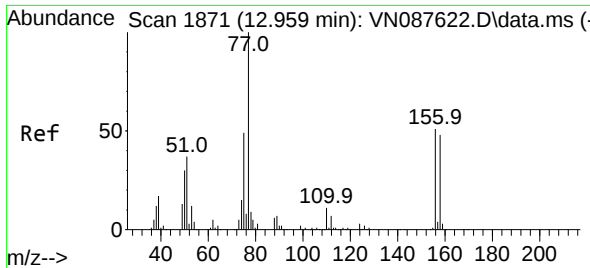


#76
 1,2,3-Trichloropropane
 Concen: 47.937 ug/l m
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38



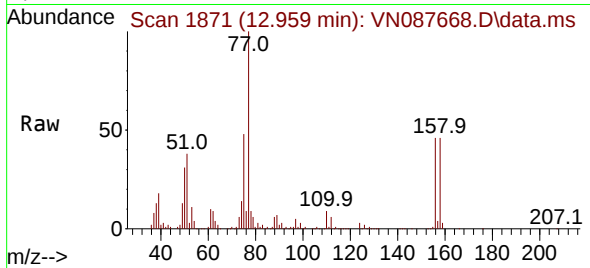
Tgt Ion: 75 Resp: 218078
 Ion Ratio Lower Upper
 75 100
 77 202.3 89.1 267.4





#77
Bromobenzene
Concen: 49.077 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

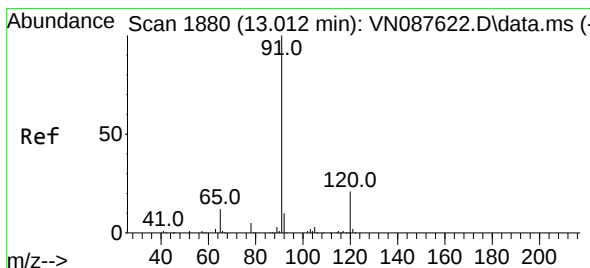
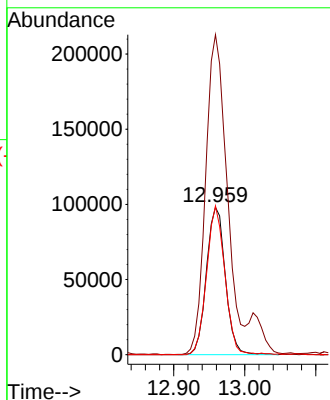
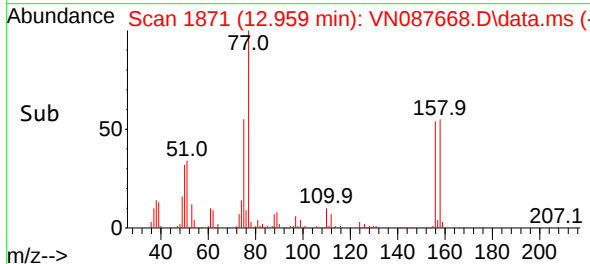
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 18139
Ion Ratio Lower Upper
156 100
77 243.2 119.3 358.0
158 97.2 48.2 144.6

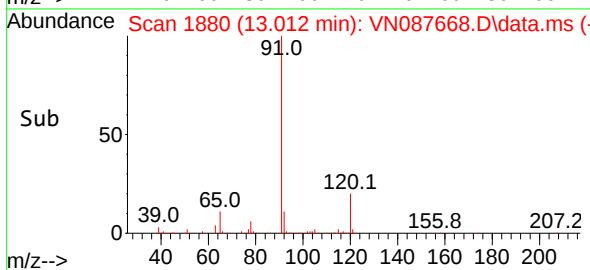
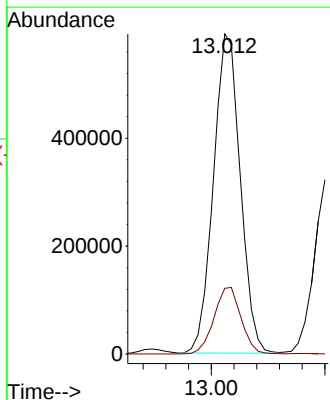
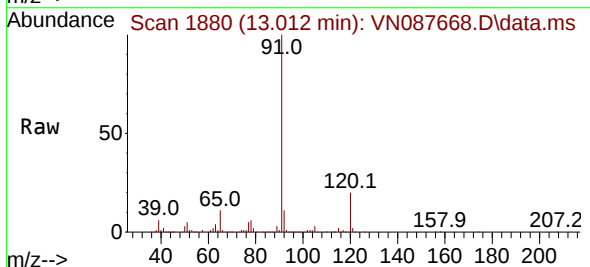
Manual Integrations
APPROVED

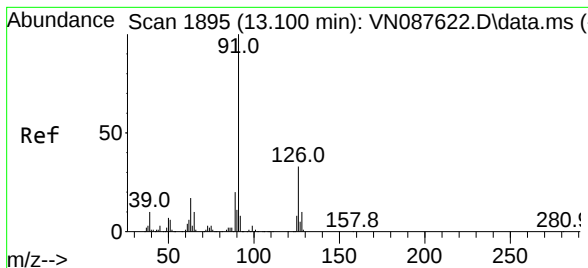
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#78
n-propylbenzene
Concen: 50.292 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

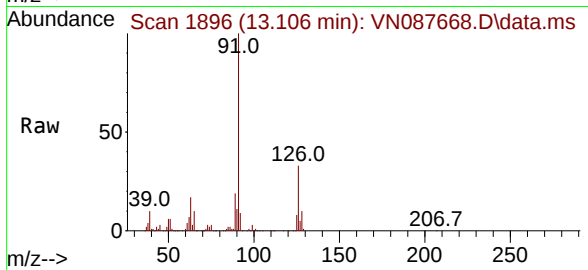
Tgt Ion: 91 Resp: 971091
Ion Ratio Lower Upper
91 100
120 21.0 10.7 32.1





#79
2-Chlorotoluene
Concen: 48.958 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

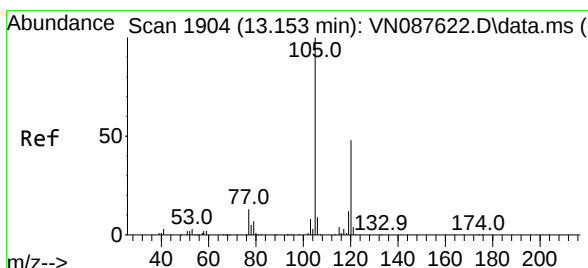
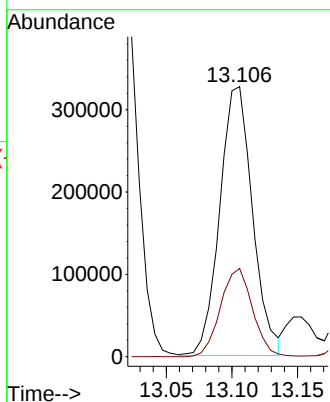
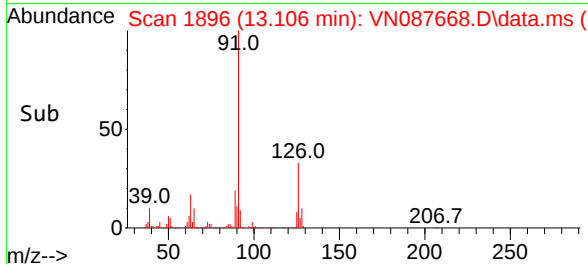
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



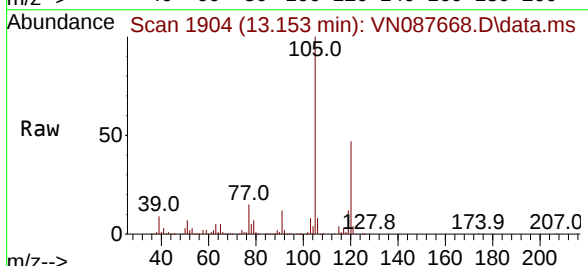
Tgt Ion: 91 Resp: 56888
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3

Manual Integrations
APPROVED

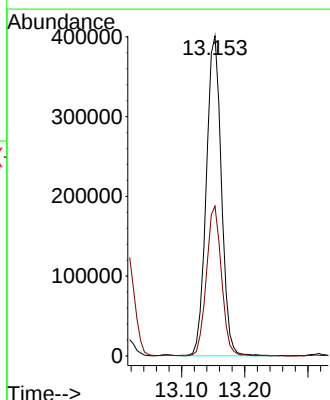
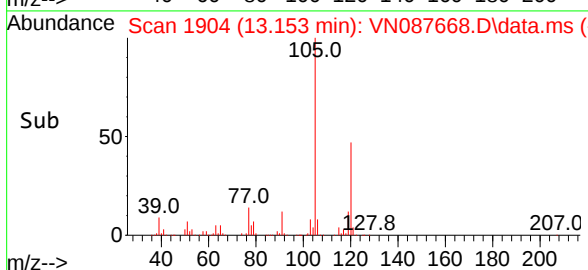
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

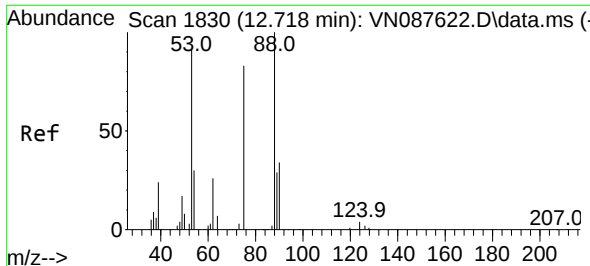


#80
1,3,5-Trimethylbenzene
Concen: 49.923 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



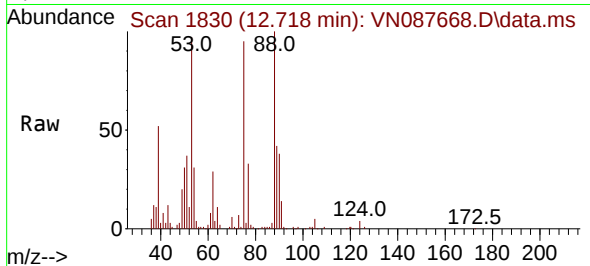
Tgt Ion:105 Resp: 663897
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.786 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

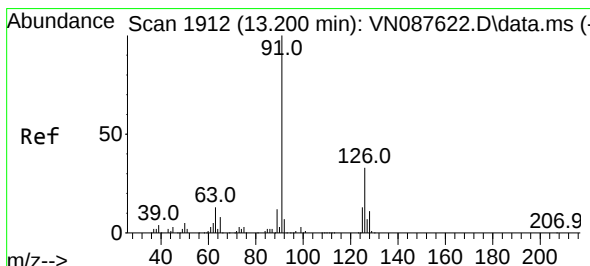
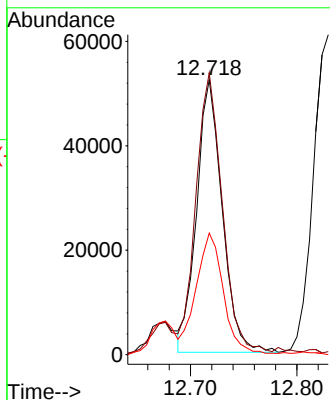
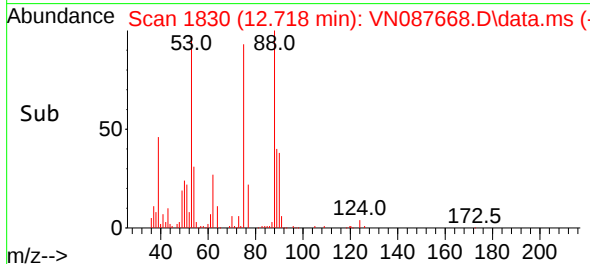
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 8727
Ion Ratio Lower Upper
75 100
53 105.1 101.8 152.6
89 46.8 35.6 53.4

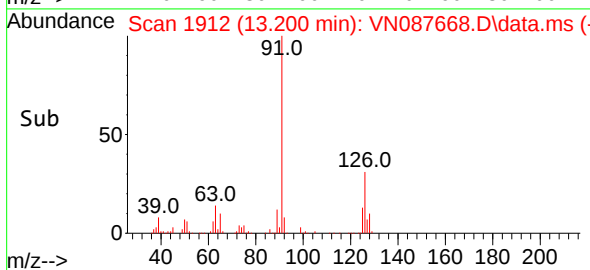
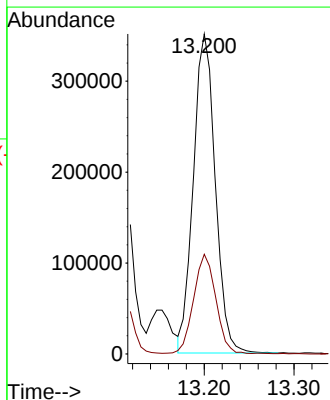
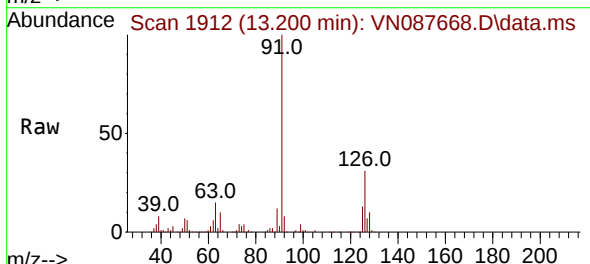
Manual Integrations
APPROVED

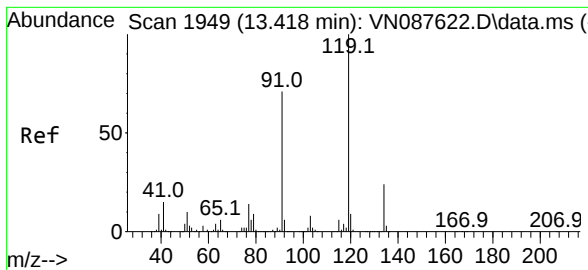
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#82
4-Chlorotoluene
Concen: 48.773 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

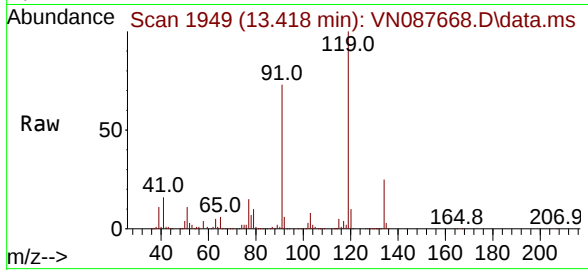
Tgt Ion: 91 Resp: 595862
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8





#83
 tert-Butylbenzene
 Concen: 49.875 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38

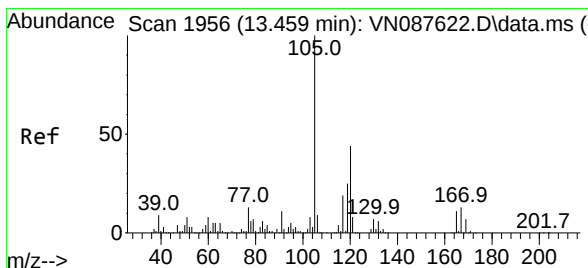
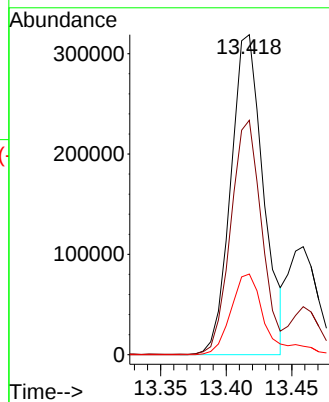
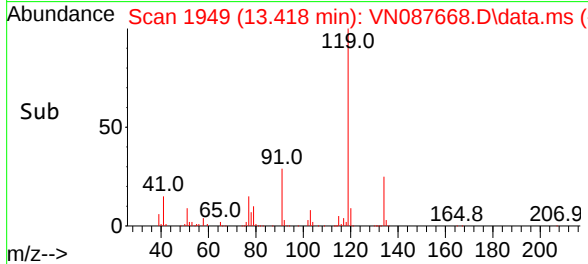
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



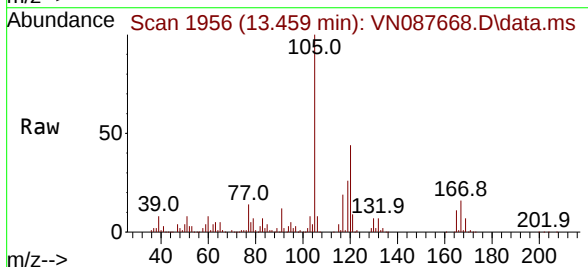
Tgt Ion:119 Resp: 552700
 Ion Ratio Lower Upper
 119 100
 91 69.3 35.0 105.0
 134 26.6 12.6 37.8

Manual Integrations
 APPROVED

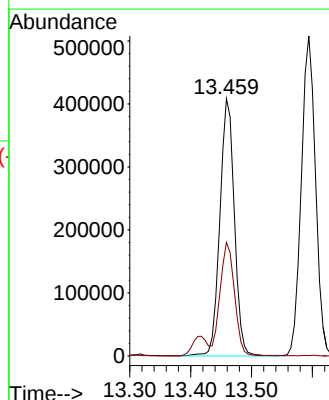
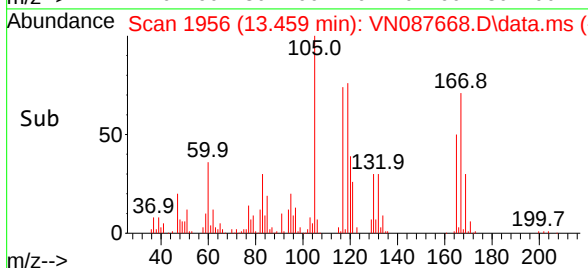
Reviewed By :John Carlone 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

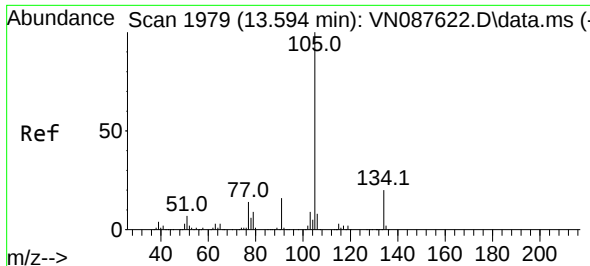


#84
 1,2,4-Trimethylbenzene
 Concen: 50.770 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38



Tgt Ion:105 Resp: 675868
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0





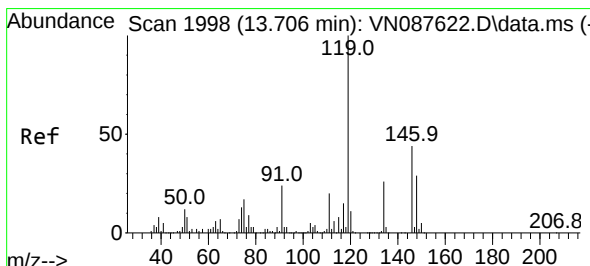
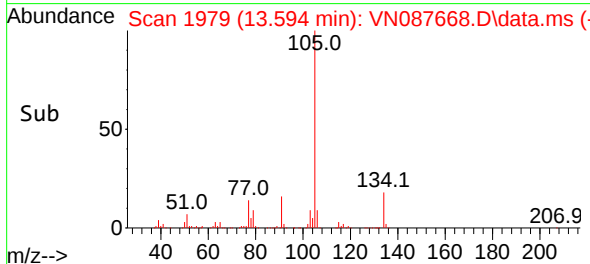
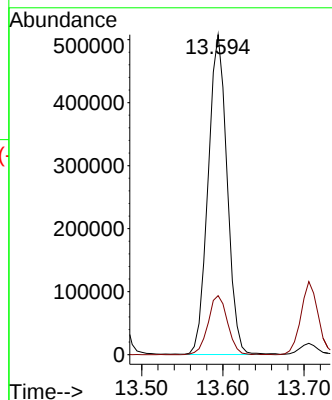
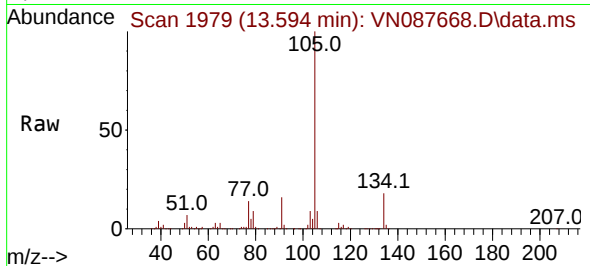
#85
 sec-Butylbenzene
 Concen: 50.016 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 822520
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6

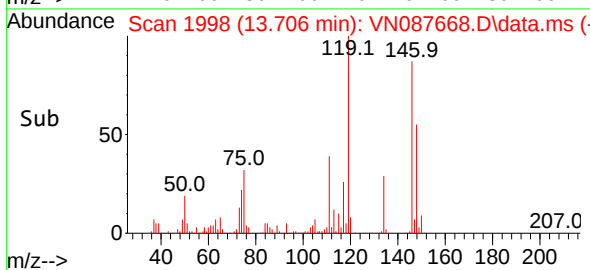
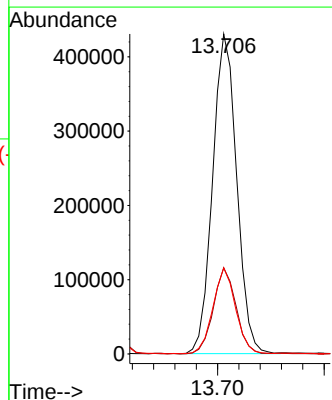
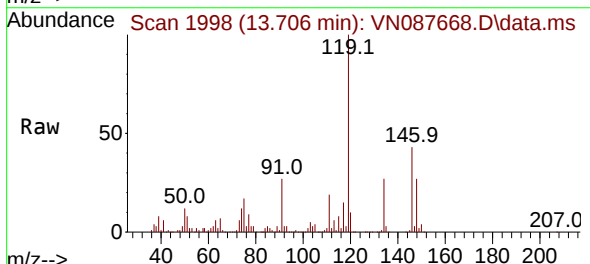
Manual Integrations
 APPROVED

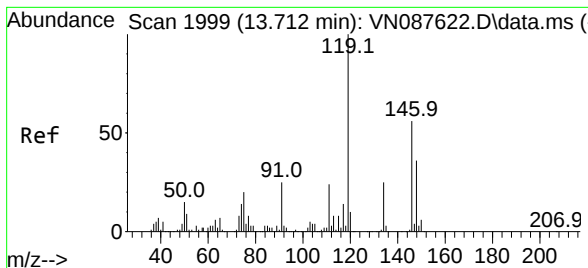
Reviewed By :John Carlone 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025



#86
 p-Isopropyltoluene
 Concen: 49.613 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38

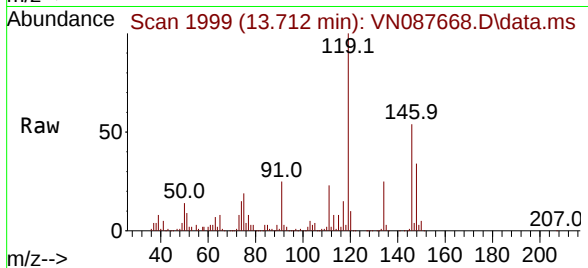
Tgt Ion:119 Resp: 673722
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.0
 91 25.1 12.5 37.5





#87
 1,3-Dichlorobenzene
 Concen: 48.906 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38

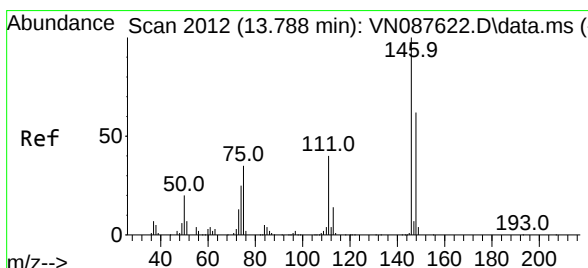
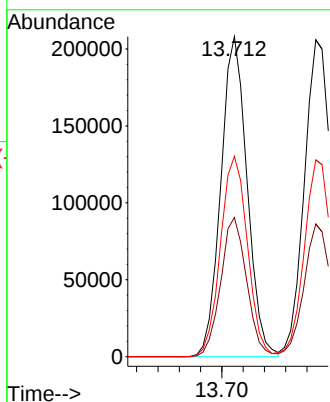
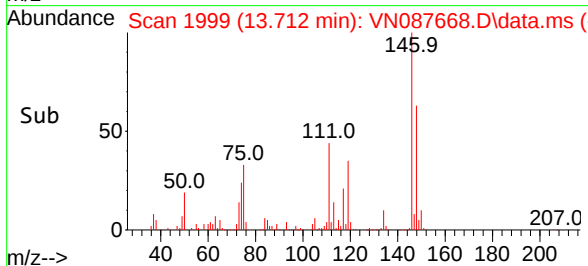
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



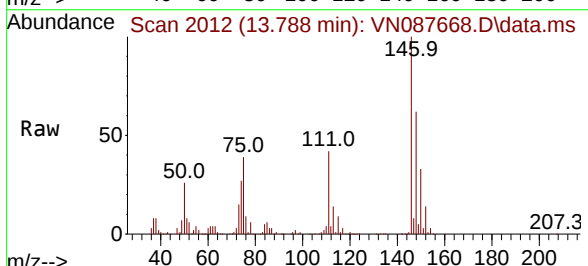
Tgt Ion:146 Resp: 355974
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.1 66.5
 148 64.2 32.0 96.2

Manual Integrations
 APPROVED

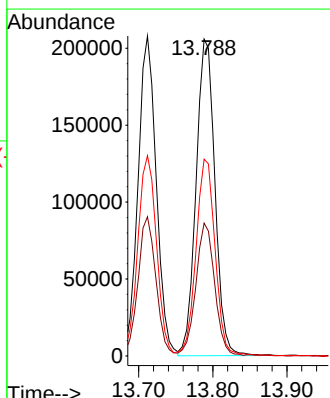
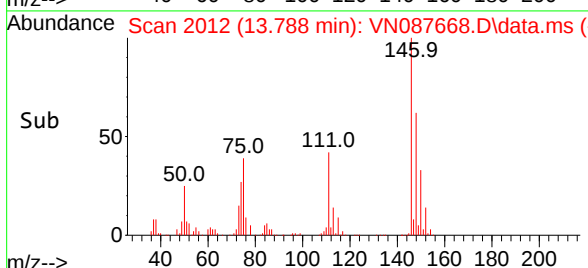
Reviewed By :John Carlone 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

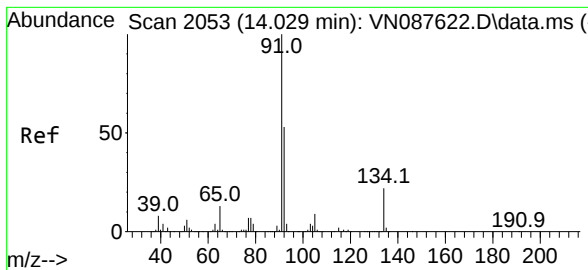


#88
 1,4-Dichlorobenzene
 Concen: 48.034 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087668.D
 Acq: 26 Aug 2025 13:38



Tgt Ion:146 Resp: 363845
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.0 63.0
 148 63.1 32.0 96.0





#89

n-Butylbenzene

Concen: 48.920 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

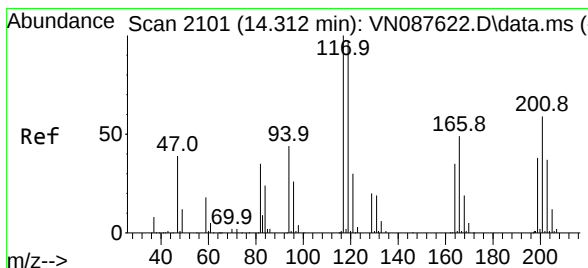
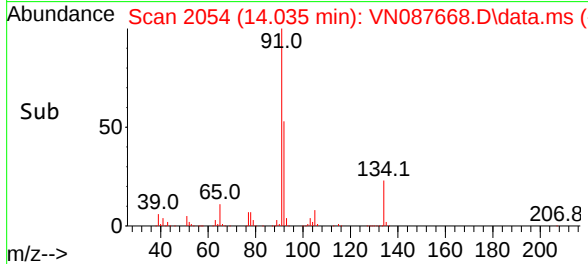
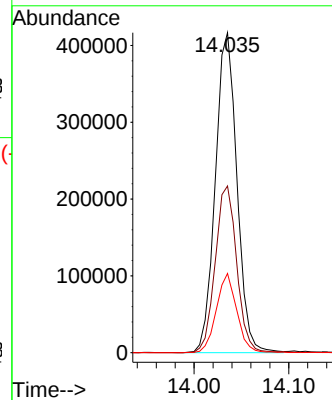
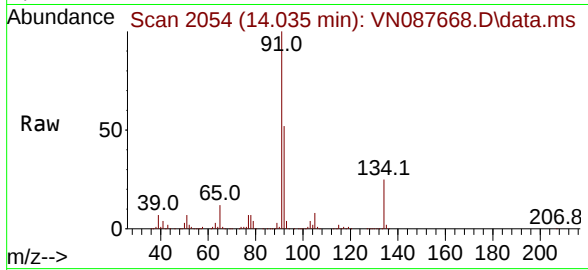
Tgt Ion: 91	Resp: 659770
Ion Ratio	Lower Upper
91	100
92	52.2 25.9 77.8
134	23.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#90

Hexachloroethane

Concen: 50.058 ug/l

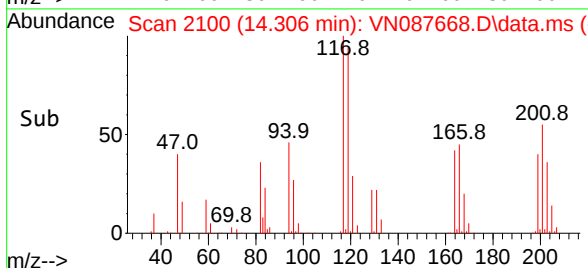
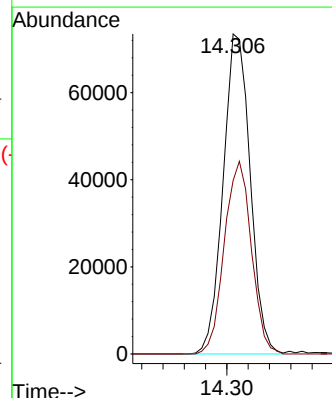
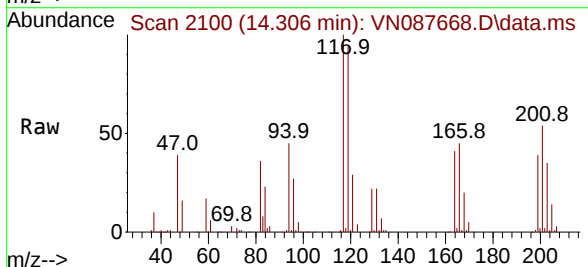
RT: 14.306 min Scan# 2100

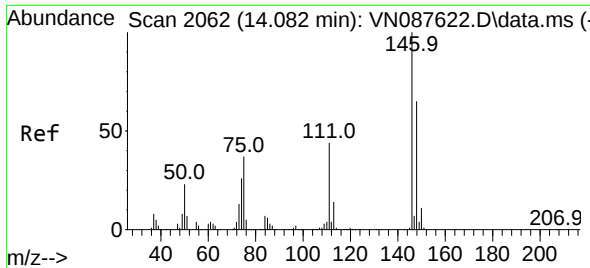
Delta R.T. -0.006 min

Lab File: VN087668.D

Acq: 26 Aug 2025 13:38

Tgt Ion: 117	Resp: 129507
Ion Ratio	Lower Upper
117	100
201	60.2 29.1 87.4





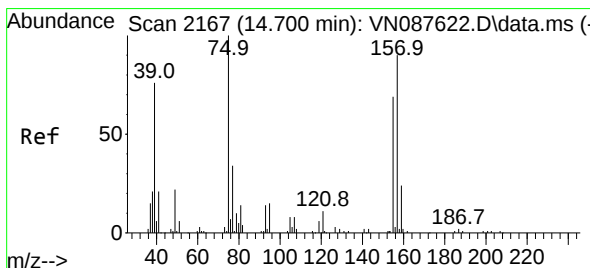
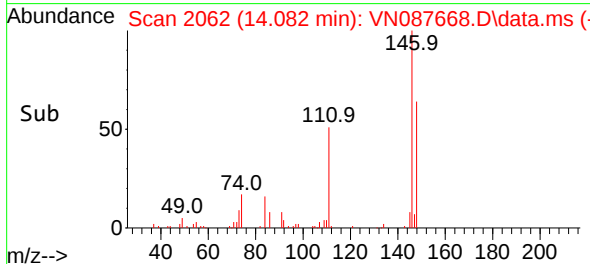
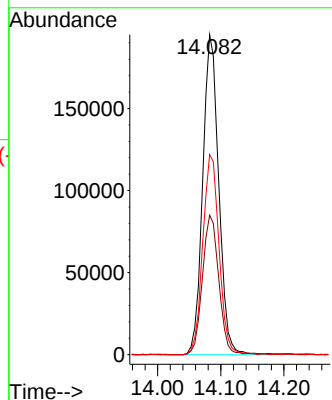
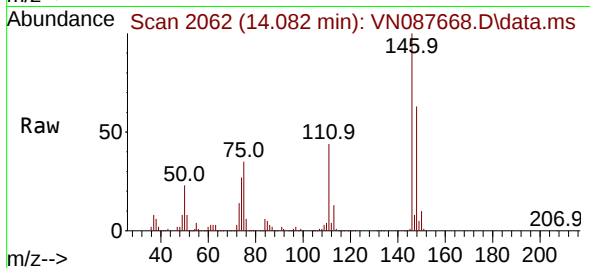
#91
1,2-Dichlorobenzene
Concen: 49.732 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 343418
Ion Ratio Lower Upper
146 100
111 44.5 22.6 67.8
148 63.6 31.9 95.9

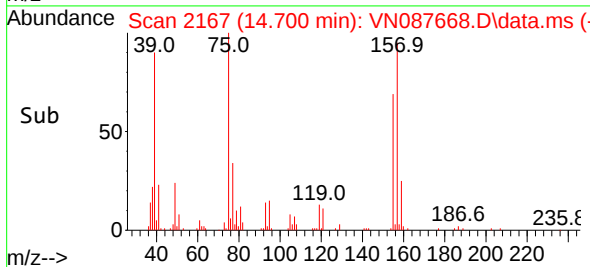
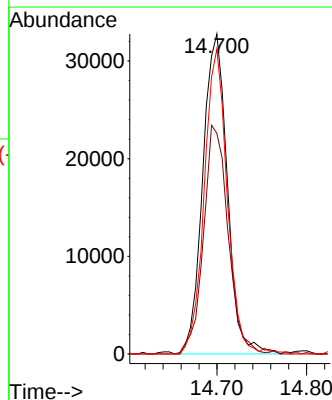
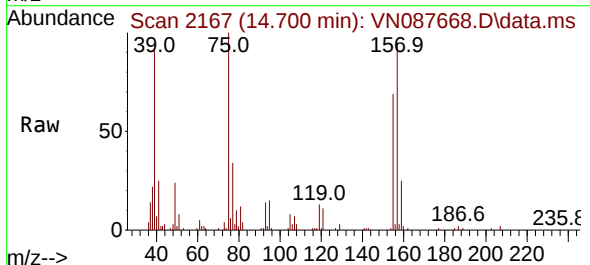
Manual Integrations
APPROVED

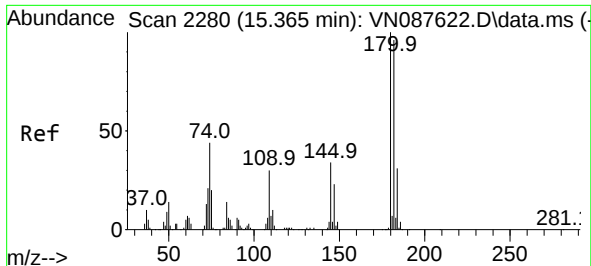
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.455 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

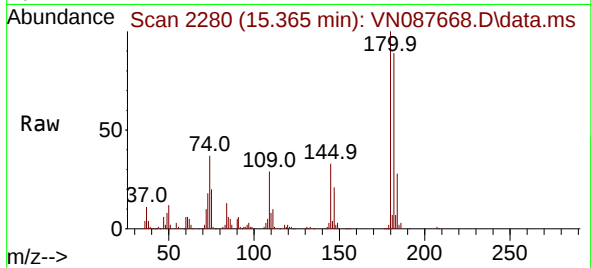
Tgt Ion: 75 Resp: 62123
Ion Ratio Lower Upper
75 100
155 71.6 36.6 109.9
157 89.8 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 48.218 ug/l
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

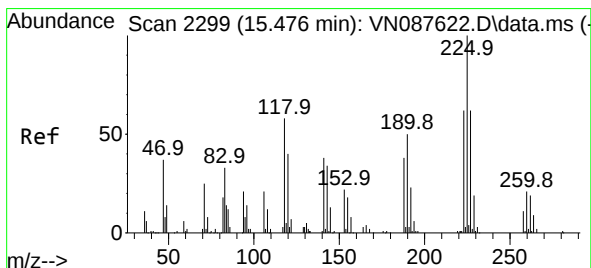
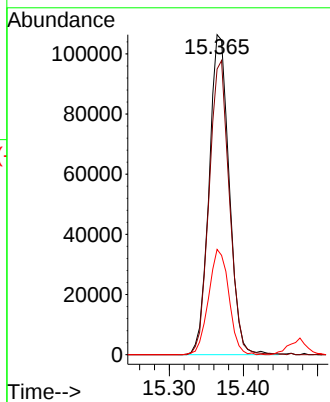
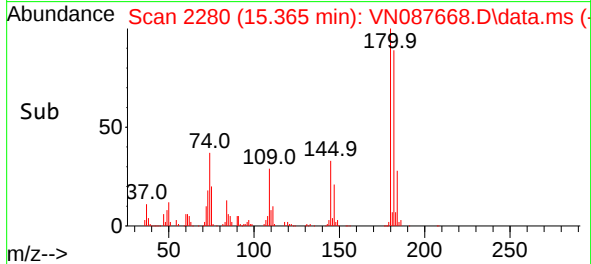
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



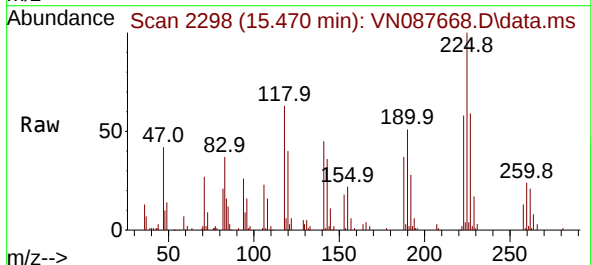
Tgt Ion:180 Resp: 199944
Ion Ratio Lower Upper
180 100
182 92.4 47.6 142.9
145 33.3 16.5 49.5

Manual Integrations
APPROVED

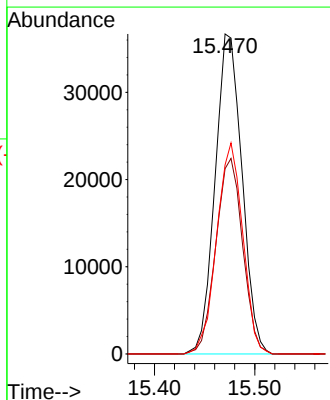
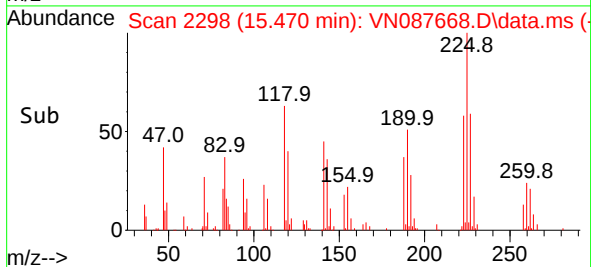
Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

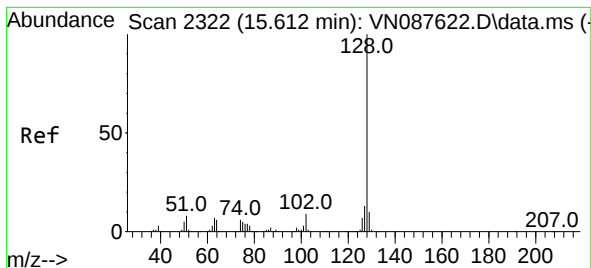


#94
Hexachlorobutadiene
Concen: 46.245 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



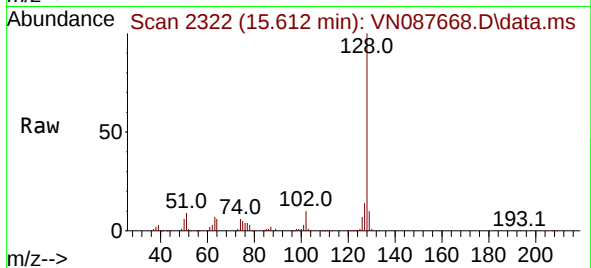
Tgt Ion:225 Resp: 68365
Ion Ratio Lower Upper
225 100
223 61.1 32.0 96.2
227 64.0 32.1 96.5





#95
Naphthalene
Concen: 49.557 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38

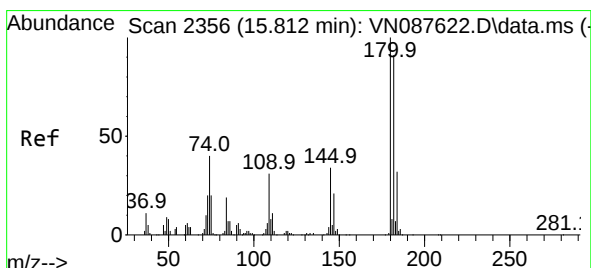
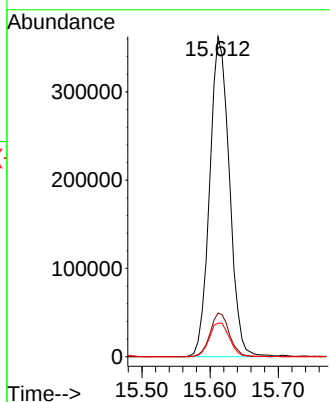
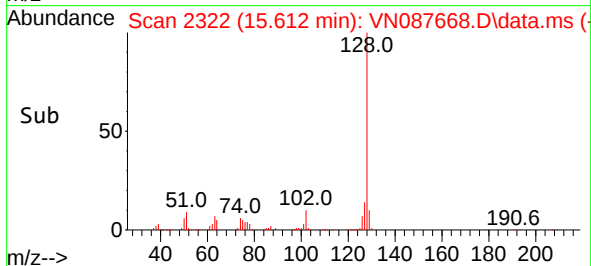
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



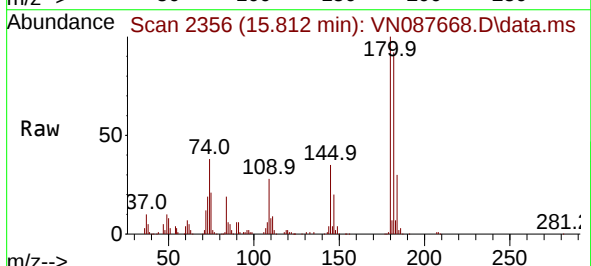
Tgt Ion:128 Resp: 727864
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.133 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087668.D
Acq: 26 Aug 2025 13:38



Tgt Ion:180 Resp: 191065
Ion Ratio Lower Upper
180 100
182 97.0 46.8 140.3
145 35.5 17.3 52.0

