

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
 Data File : VN087946.D
 Acq On : 24 Sep 2025 15:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Quant Time: Sep 25 03:11:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	186127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	358440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	327679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	169567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	190605	60.850	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.700%			
35) Dibromofluoromethane	8.147	113	143373	55.091	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.180%			
50) Toluene-d8	10.547	98	444419	48.560	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.120%			
62) 4-Bromofluorobenzene	12.829	95	157405	48.117	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	101499	47.088	ug/l	92
3) Chloromethane	2.383	50	139997	63.432	ug/l	97
4) Vinyl Chloride	2.536	62	128941	57.264	ug/l	99
5) Bromomethane	2.977	94	83534	59.841	ug/l	98
6) Chloroethane	3.130	64	89004	60.793	ug/l	96
7) Trichlorofluoromethane	3.506	101	187168	51.054	ug/l	94
8) Diethyl Ether	3.959	74	94397	68.156	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	101320	52.290	ug/l	98
10) Methyl Iodide	4.583	142	109849	62.990	ug/l	98
11) Tert butyl alcohol	5.524	59	151208	335.146	ug/l	98
12) 1,1-Dichloroethene	4.336	96	108812	55.655	ug/l	88
13) Acrolein	4.177	56	191883	331.462	ug/l	96
14) Allyl chloride	5.012	41	192266	60.405	ug/l	98
15) Acrylonitrile	5.706	53	494569	349.466	ug/l	100
16) Acetone	4.418	43	389493	302.214	ug/l	99
17) Carbon Disulfide	4.700	76	323269	52.920	ug/l	98
18) Methyl Acetate	5.018	43	248322	76.990	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	534671	70.007	ug/l	98
20) Methylene Chloride	5.265	84	165624	63.490	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	134690	56.196	ug/l	89
22) Diisopropyl ether	6.659	45	517553	69.653	ug/l	93
23) Vinyl Acetate	6.588	43	2404370	384.310	ug/l	98
24) 1,1-Dichloroethane	6.547	63	273532	63.010	ug/l	96
25) 2-Butanone	7.471	43	660049	335.072	ug/l	98
26) 2,2-Dichloropropane	7.471	77	181047	46.941	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	181300	63.573	ug/l	95
28) Bromochloromethane	7.794	49	130603	55.374	ug/l	96
29) Tetrahydrofuran	7.824	42	449845	356.641	ug/l	99
30) Chloroform	7.947	83	303527	63.946	ug/l	97
31) Cyclohexane	8.235	56	167444	47.671	ug/l	90
32) 1,1,1-Trichloroethane	8.153	97	226666	56.515	ug/l	98
36) 1,1-Dichloropropene	8.353	75	163905	52.377	ug/l	100
37) Ethyl Acetate	7.547	43	279969	68.130	ug/l	99
38) Carbon Tetrachloride	8.341	117	182564	50.841	ug/l	98
39) Methylcyclohexane	9.582	83	167968	48.656	ug/l	99
40) Benzene	8.588	78	594873	57.413	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	140541	66.179	ug/l	95
42) 1,2-Dichloroethane	8.653	62	237922	61.532	ug/l	99
43) Isopropyl Acetate	8.671	43	432852	66.919	ug/l	99
44) Trichloroethene	9.329	130	127652	51.577	ug/l	96
45) 1,2-Dichloropropane	9.600	63	155536	59.864	ug/l	97
46) Dibromomethane	9.688	93	134296	65.506	ug/l	93
47) Bromodichloromethane	9.871	83	245934	61.161	ug/l #	94
48) Methyl methacrylate	9.665	41	201537	67.281	ug/l	98
49) 1,4-Dioxane	9.682	88	56926	1286.412	ug/l #	83
51) 4-Methyl-2-Pentanone	10.423	43	1379761	341.845	ug/l	99
52) Toluene	10.606	92	349110	53.692	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	241565	58.698	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	244783	57.269	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	166645	63.034	ug/l	96
56) Ethyl methacrylate	10.853	69	257278	67.349	ug/l	99
57) 1,3-Dichloropropane	11.141	76	283685	65.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	733838	408.567	ug/l	99
59) 2-Hexanone	11.176	43	949029	355.596	ug/l	100
60) Dibromochloromethane	11.341	129	194131	62.454	ug/l	98
61) 1,2-Dibromoethane	11.447	107	174618	62.391	ug/l	99
64) Tetrachloroethene	11.088	164	102602	51.403	ug/l	99
65) Chlorobenzene	11.870	112	381630	54.728	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	151114	60.093	ug/l	98
67) Ethyl Benzene	11.941	91	620739	53.348	ug/l	98
68) m/p-Xylenes	12.047	106	487415	109.529	ug/l	99
69) o-Xylene	12.376	106	238409	55.763	ug/l	99
70) Styrene	12.388	104	418323	56.970	ug/l	99
71) Bromoform	12.559	173	135168	66.253	ug/l #	97
73) Isopropylbenzene	12.676	105	580265	55.214	ug/l	100
74) N-amyl acetate	12.506	43	159528m	46.070	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	259605	68.560	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	204651m	61.226	ug/l	
77) Bromobenzene	12.959	156	160732	57.482	ug/l	95
78) n-propylbenzene	13.012	91	722071	54.955	ug/l	100
79) 2-Chlorotoluene	13.106	91	434278	54.282	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	505050	55.560	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	80077	66.525	ug/l	96
82) 4-Chlorotoluene	13.200	91	453233	56.222	ug/l	99
83) tert-Butylbenzene	13.417	119	422616	54.927	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	522828	56.074	ug/l	99
85) sec-Butylbenzene	13.594	105	609781	54.055	ug/l	98
86) p-Isopropyltoluene	13.706	119	525515	55.003	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	301939	55.335	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	303738	54.165	ug/l	98
89) n-Butylbenzene	14.035	91	487763	54.021	ug/l	100
90) Hexachloroethane	14.306	117	107836	54.033	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	298866	56.823	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	55518	63.101	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	167830	54.044	ug/l	98
94) Hexachlorobutadiene	15.476	225	62096	54.327	ug/l	98
95) Naphthalene	15.611	128	619842	62.180	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	170108	56.345	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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

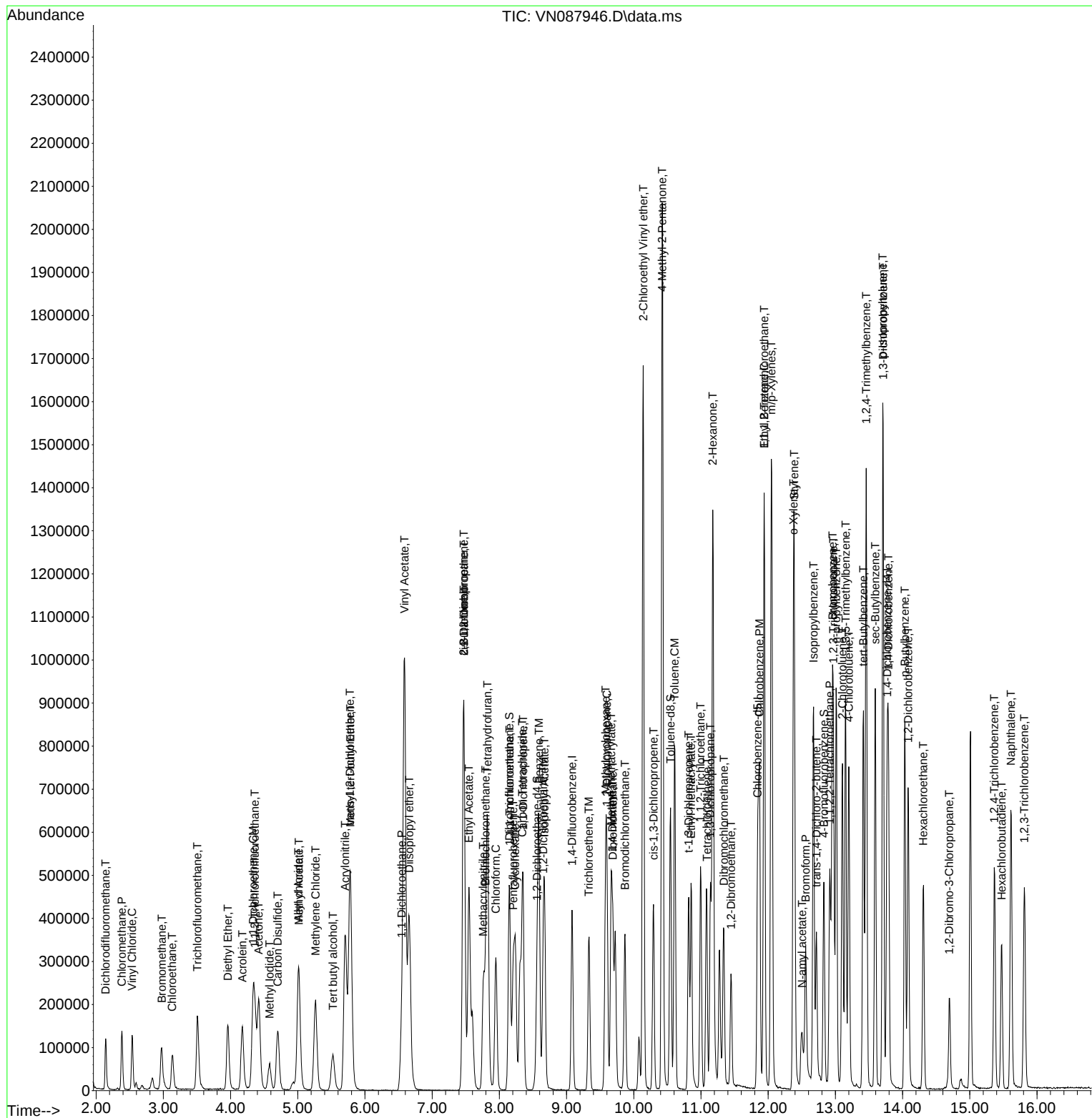
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
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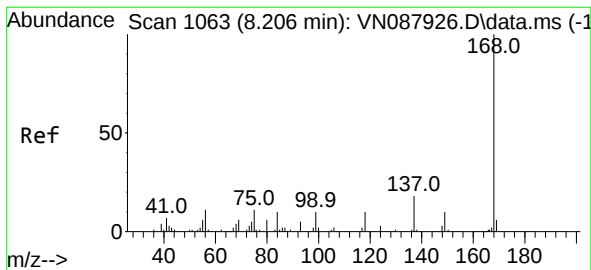
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

Instrument :

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ClientSampleId :

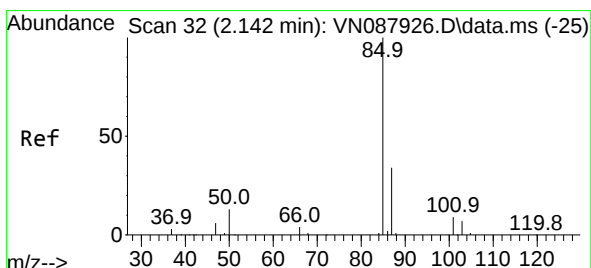
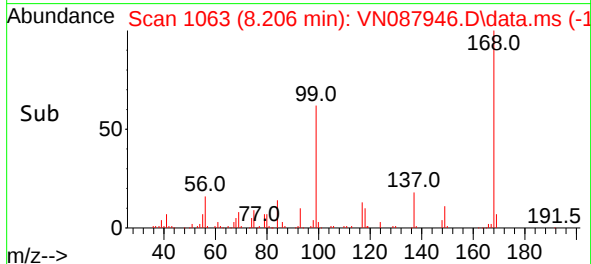
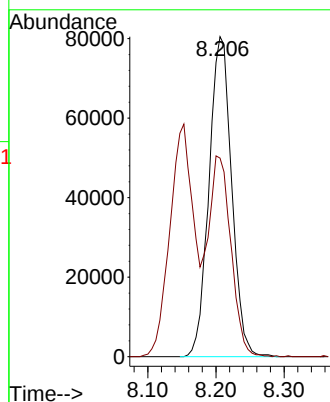
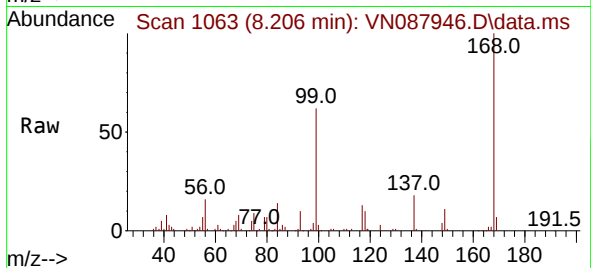
VSTDCCC050EC

Tgt Ion:168 Resp: 18612
Ion Ratio Lower Upper
168 100
99 62.0 52.2 78.2

Manual Integrations

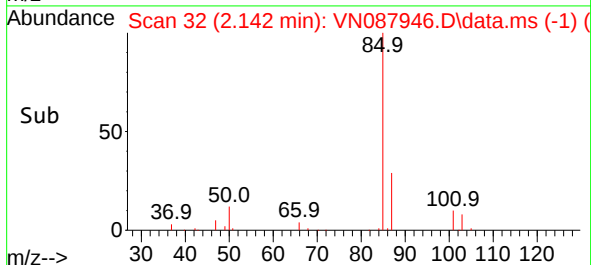
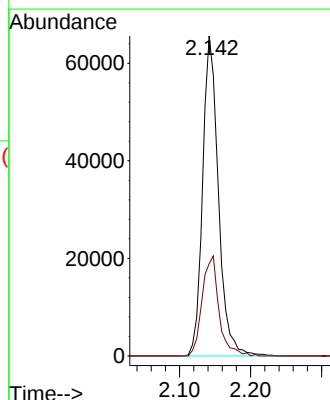
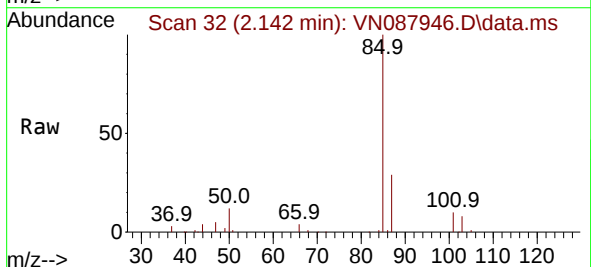
APPROVED

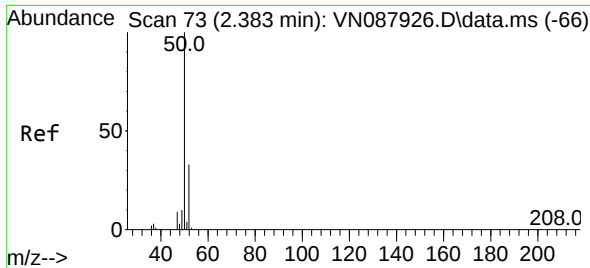
Reviewed By :John Carlone 09/25/2025
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#2
Dichlorodifluoromethane
Concen: 47.088 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

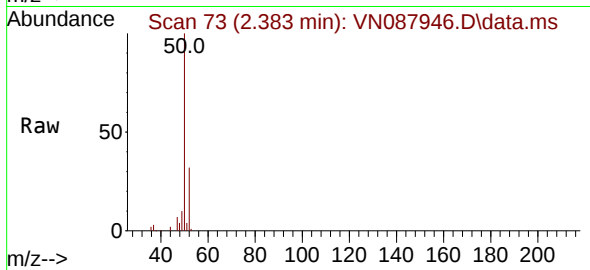
Tgt Ion: 85 Resp: 101499
Ion Ratio Lower Upper
85 100
87 28.9 16.9 50.6





#3
Chloromethane
Concen: 63.432 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

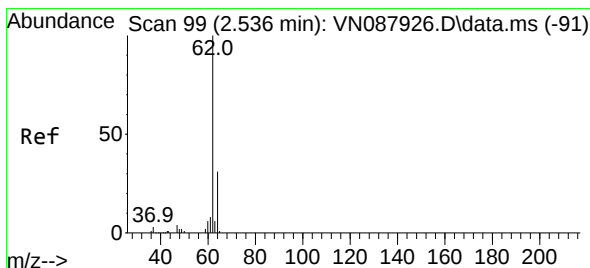
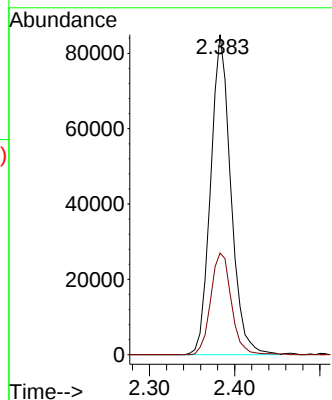
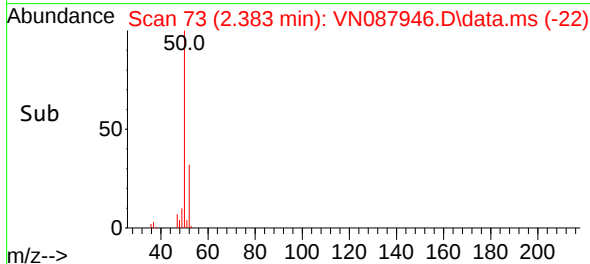
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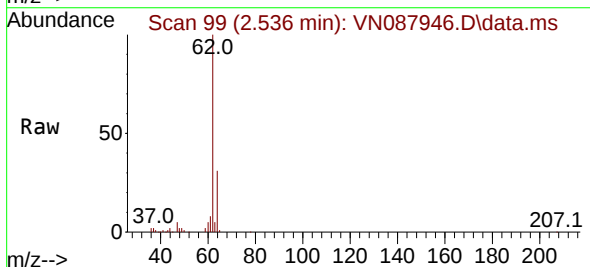
Tgt Ion: 50 Resp: 139997
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0

Manual Integrations
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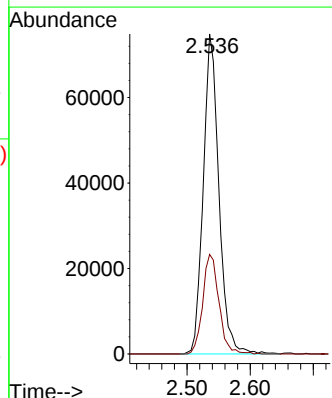
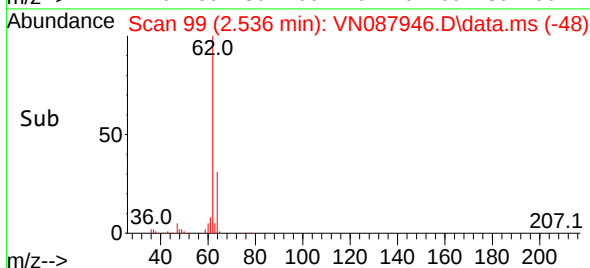
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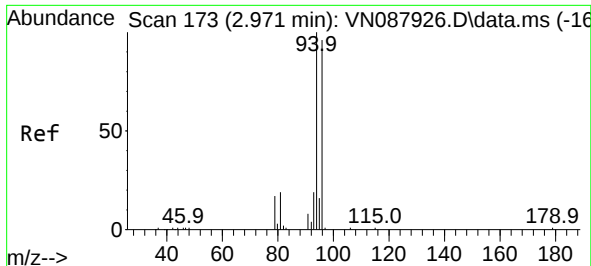


#4
Vinyl Chloride
Concen: 57.264 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



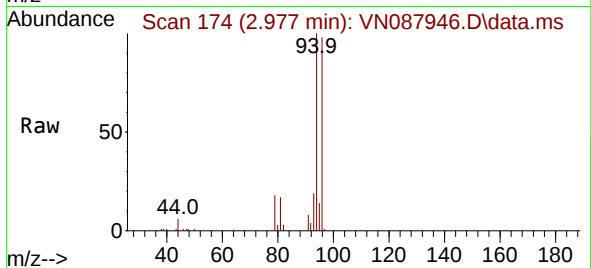
Tgt Ion: 62 Resp: 128941
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8





#5
Bromomethane
Concen: 59.841 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

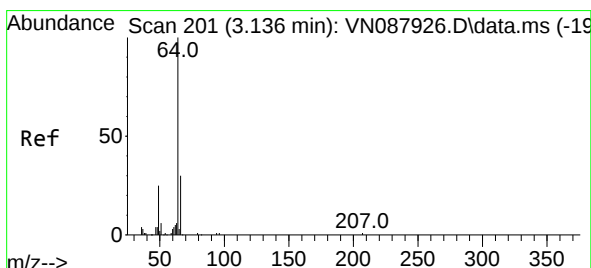
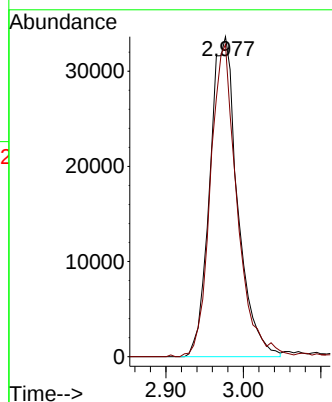
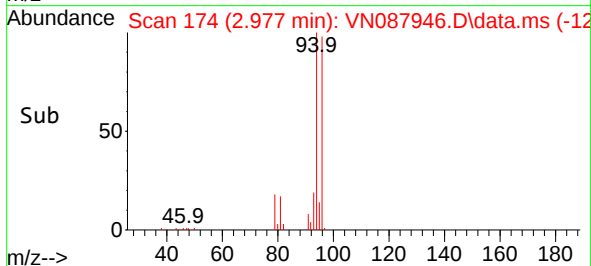
Instrument :
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Tgt Ion: 94 Resp: 83534
Ion Ratio Lower Upper
94 100
96 97.6 76.8 115.2

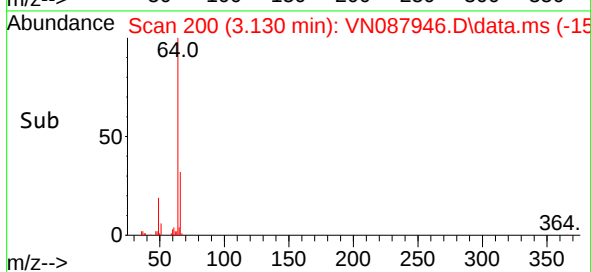
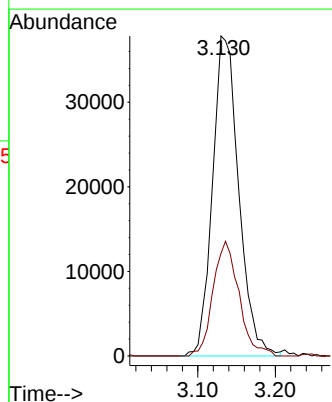
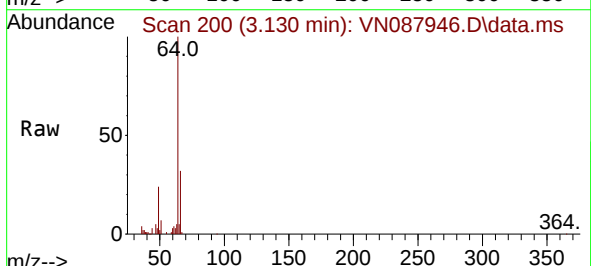
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#6
Chloroethane
Concen: 60.793 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

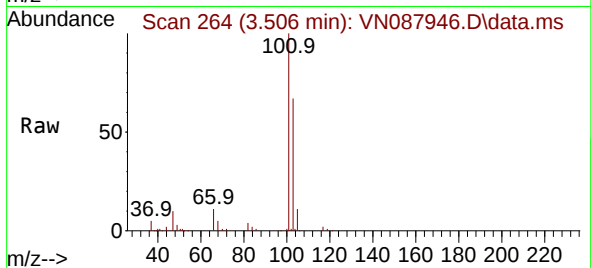
Tgt Ion: 64 Resp: 89004
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 51.054 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087946.D
 Acq: 24 Sep 2025 15:37

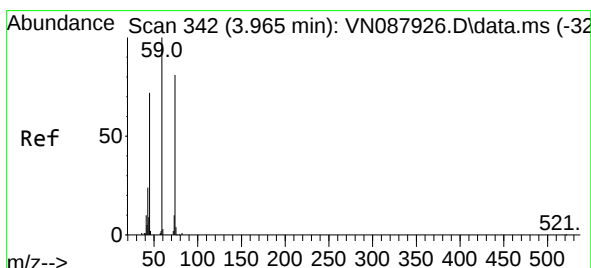
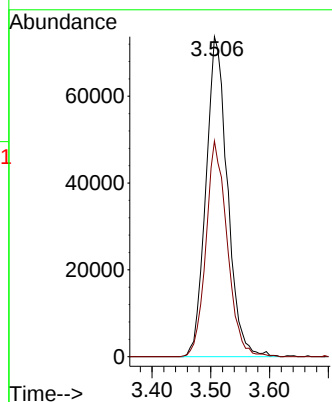
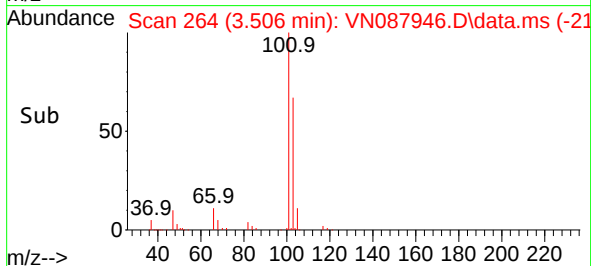
Instrument :
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Tgt Ion:101 Resp: 187168
 Ion Ratio Lower Upper
 101 100
 103 67.4 50.2 75.4

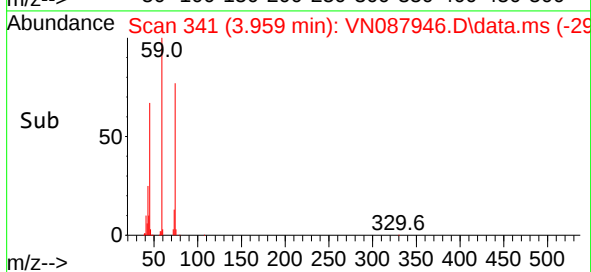
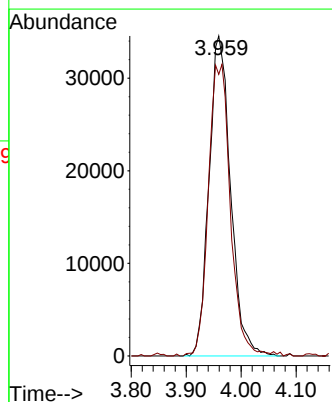
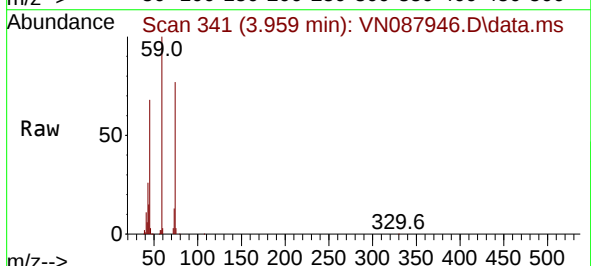
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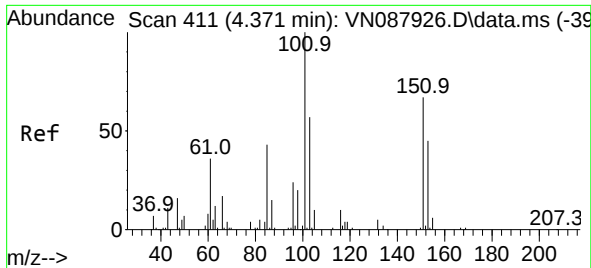
Reviewed By :John Carlone 09/25/2025
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#8
 Diethyl Ether
 Concen: 68.156 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087946.D
 Acq: 24 Sep 2025 15:37

Tgt Ion: 74 Resp: 94397
 Ion Ratio Lower Upper
 74 100
 45 92.6 45.4 136.1





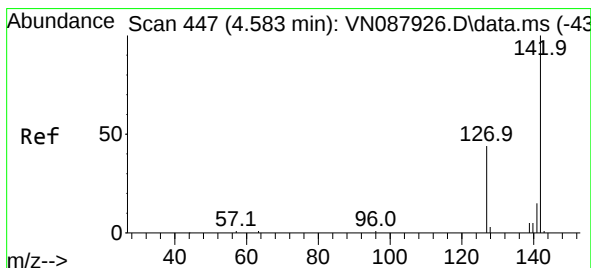
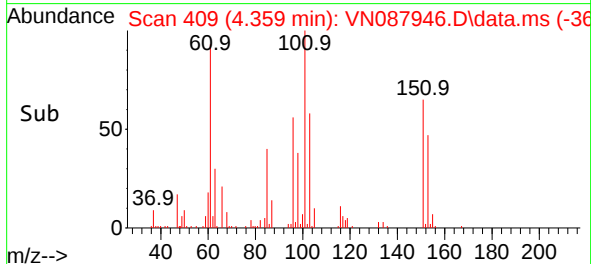
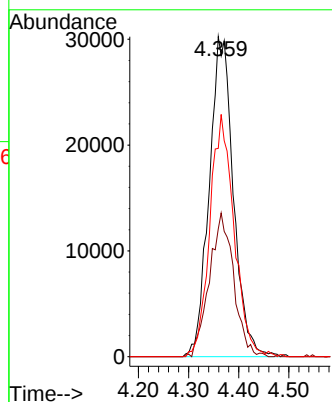
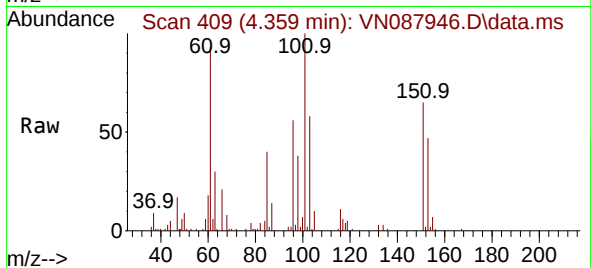
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.290 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 101320
Ion Ratio Lower Upper
101 100
85 45.2 36.5 54.7
151 75.6 58.6 87.8

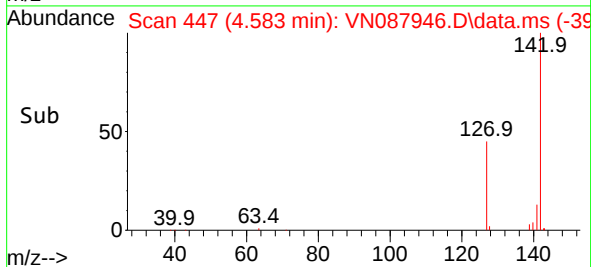
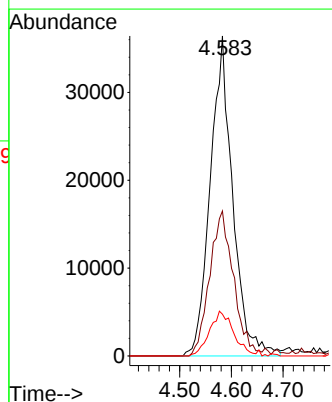
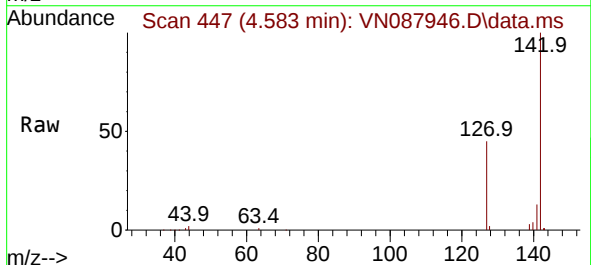
Manual Integrations
APPROVED

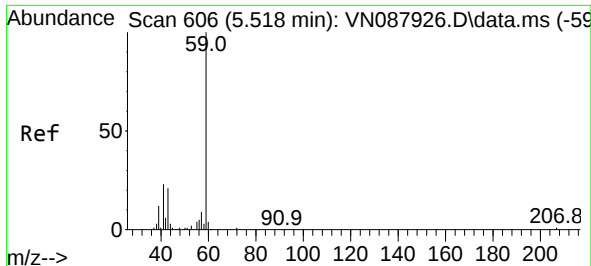
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 62.990 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

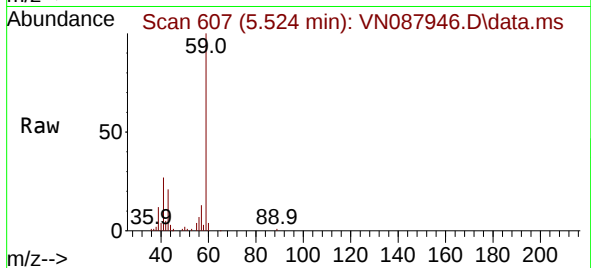
Tgt Ion:142 Resp: 109849
Ion Ratio Lower Upper
142 100
127 45.3 35.3 52.9
141 13.0 11.8 17.8





#11
Tert butyl alcohol
Concen: 335.146 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

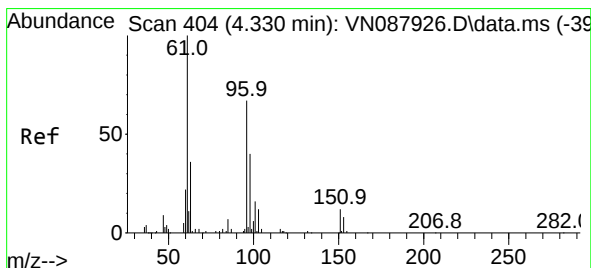
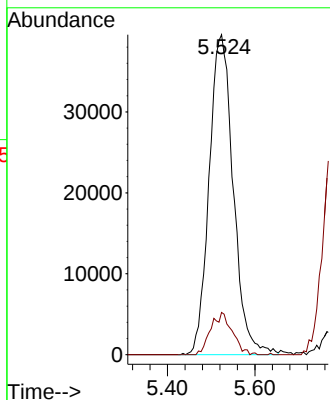
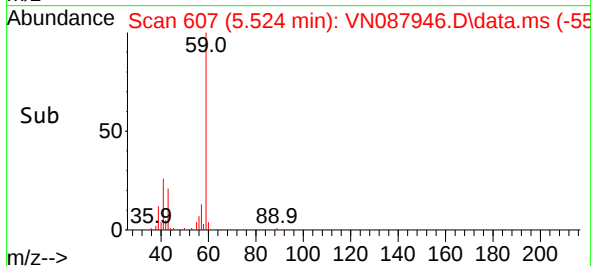
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



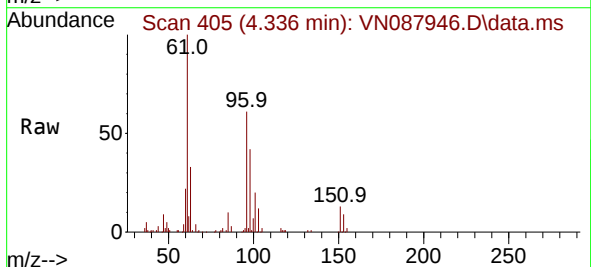
Tgt Ion: 59 Resp: 151208
Ion Ratio Lower Upper
59 100
57 11.8 8.8 13.2

Manual Integrations
APPROVED

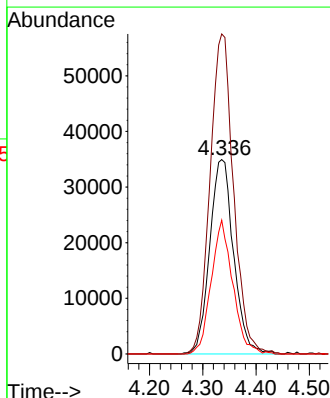
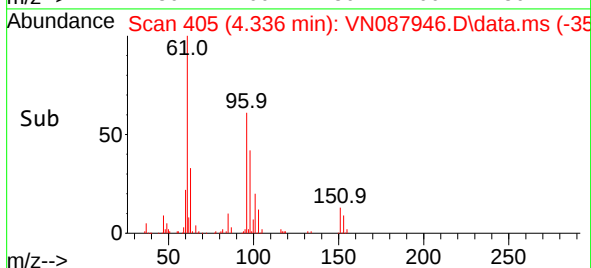
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

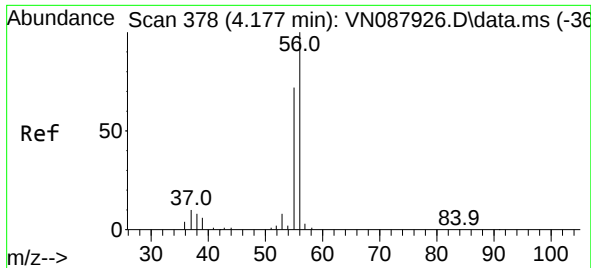


#12
1,1-Dichloroethene
Concen: 55.655 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



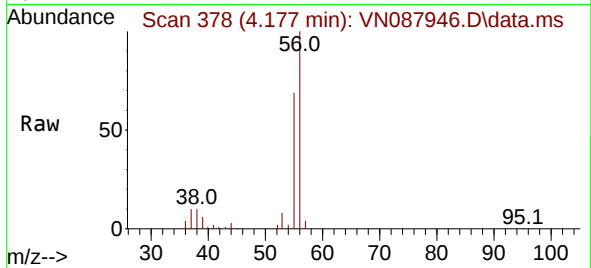
Tgt Ion: 96 Resp: 108812
Ion Ratio Lower Upper
96 100
61 164.6 119.2 178.8
98 68.8 47.5 71.3





#13
Acrolein
Concen: 331.462 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

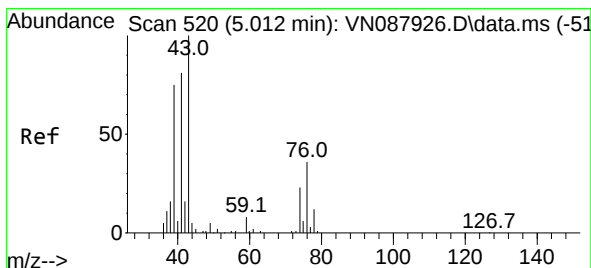
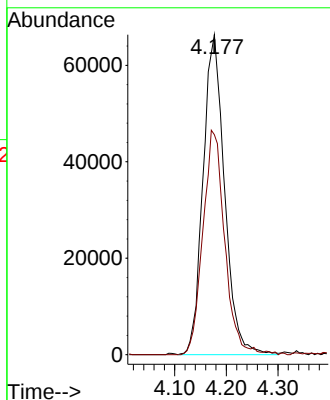
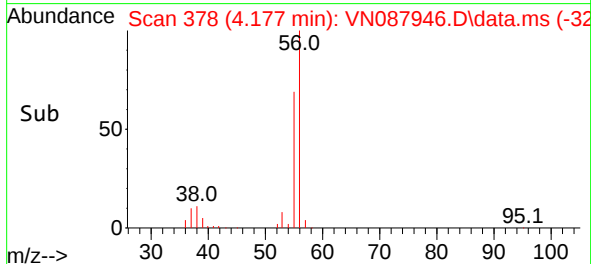
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 19188
Ion Ratio Lower Upper
56 100
55 70.7 59.3 88.9

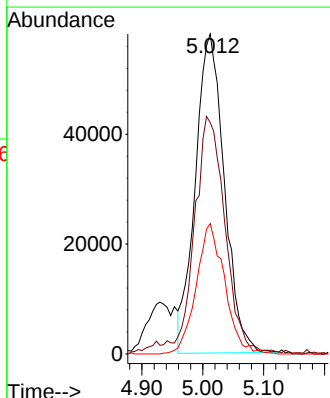
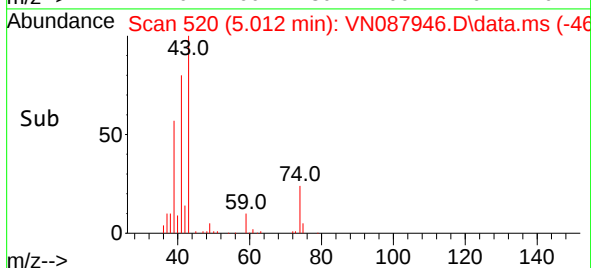
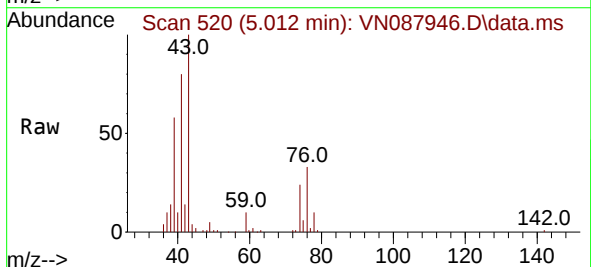
Manual Integrations
APPROVED

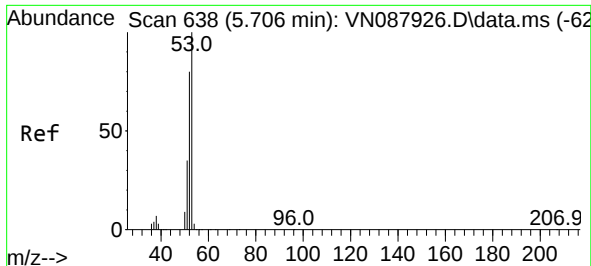
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#14
Allyl chloride
Concen: 60.405 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

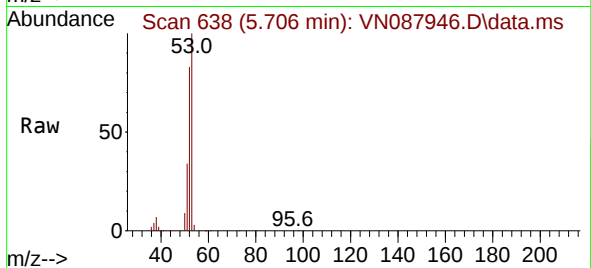
Tgt Ion: 41 Resp: 192266
Ion Ratio Lower Upper
41 100
39 77.6 63.8 95.8
76 40.1 33.0 49.6





#15
Acrylonitrile
Concen: 349.466 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

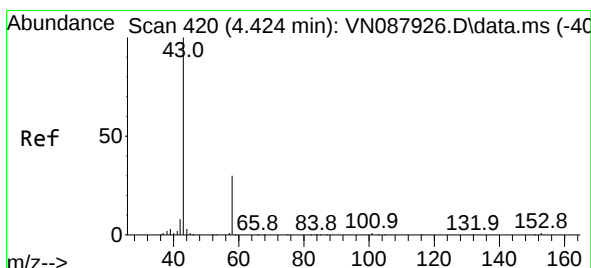
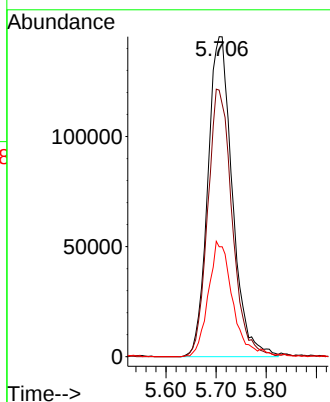
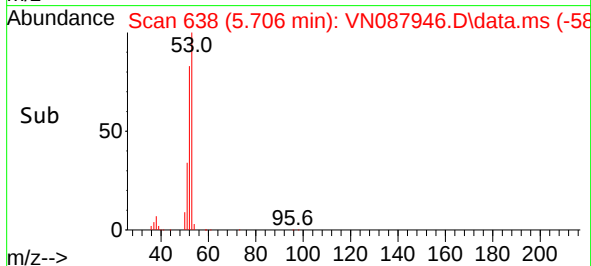
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



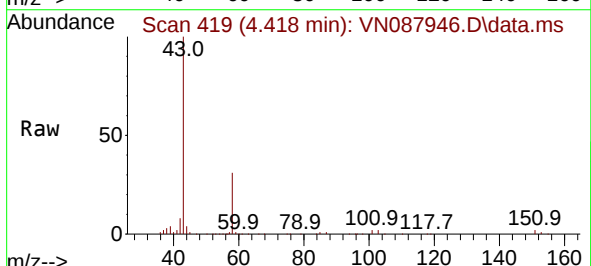
Tgt Ion: 53 Resp: 494569
Ion Ratio Lower Upper
53 100
52 83.0 66.6 99.8
51 35.8 29.0 43.4

Manual Integrations
APPROVED

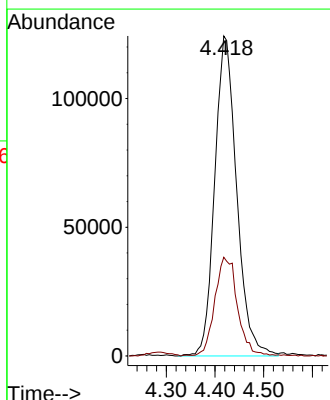
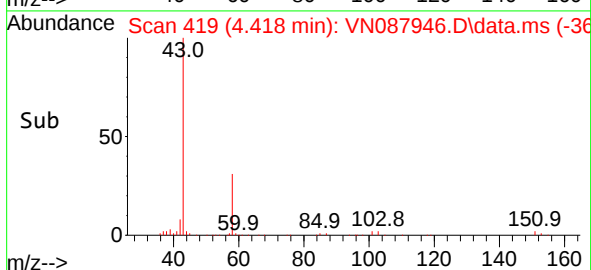
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#16
Acetone
Concen: 302.214 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



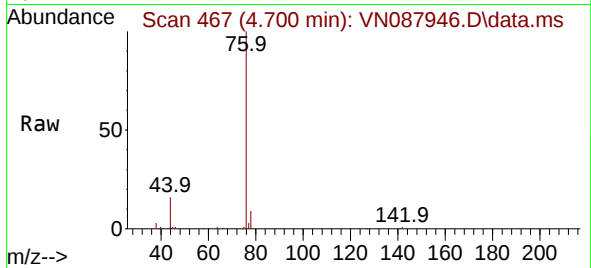
Tgt Ion: 43 Resp: 389493
Ion Ratio Lower Upper
43 100
58 30.5 24.1 36.1





#17
Carbon Disulfide
Concen: 52.920 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

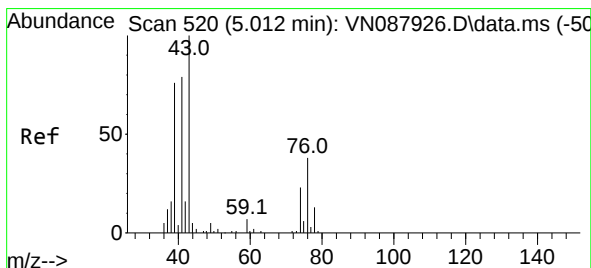
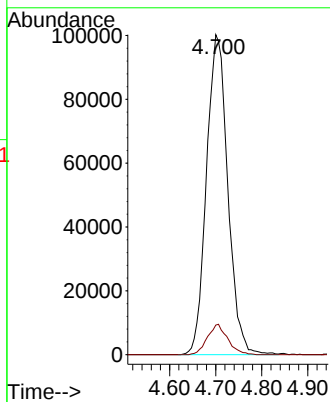
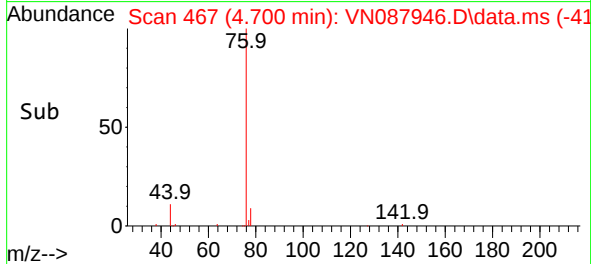
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 323269
Ion Ratio Lower Upper
76 100
78 9.3 6.7 10.1

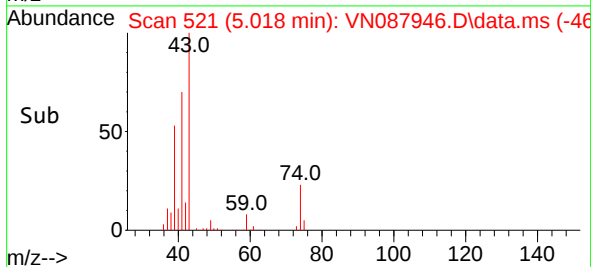
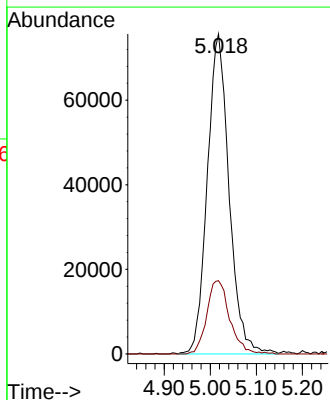
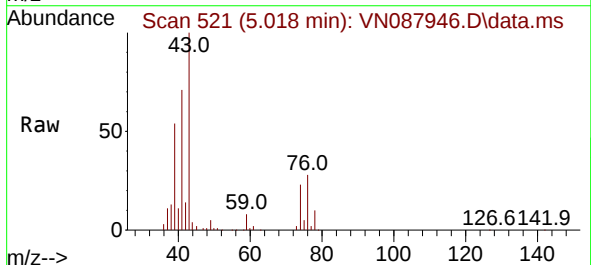
Manual Integrations
APPROVED

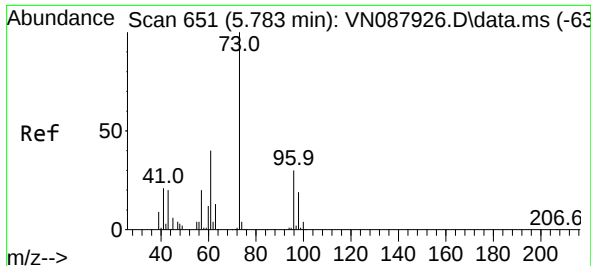
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#18
Methyl Acetate
Concen: 76.990 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

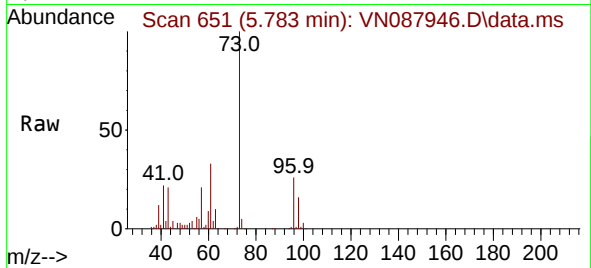
Tgt Ion: 43 Resp: 248322
Ion Ratio Lower Upper
43 100
74 24.1 19.7 29.5





#19
Methyl tert-butyl Ether
Concen: 70.007 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

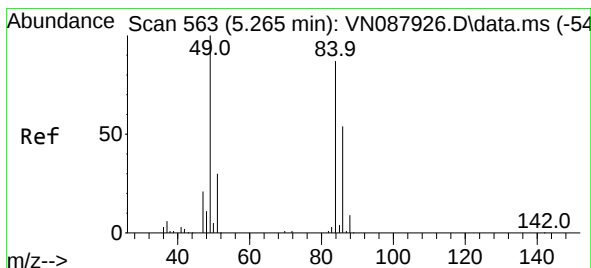
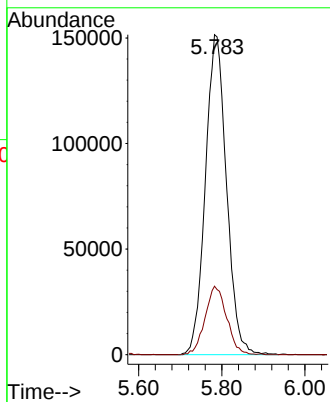
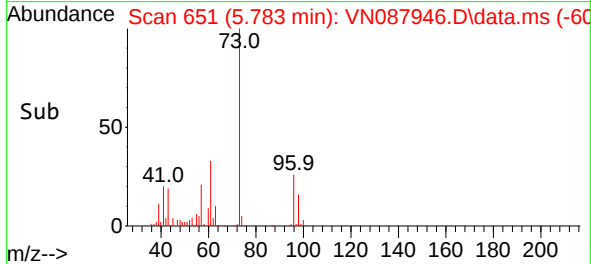
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 53467
Ion Ratio Lower Upper
73 100
57 21.4 16.3 24.5

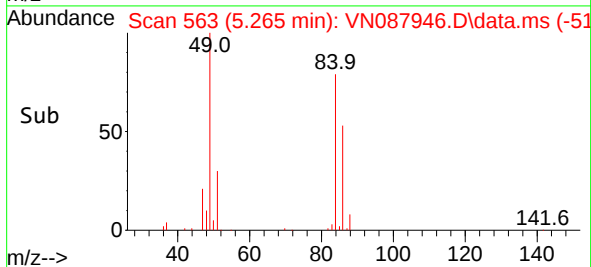
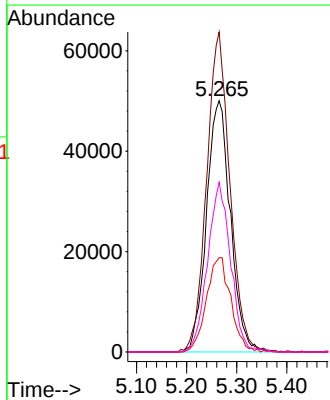
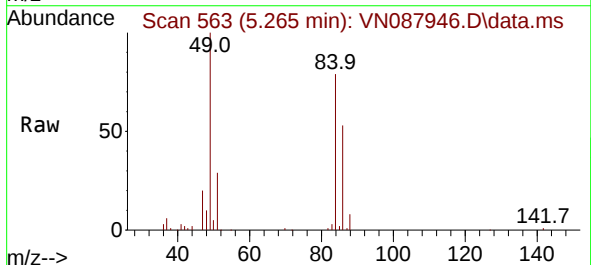
Manual Integrations
APPROVED

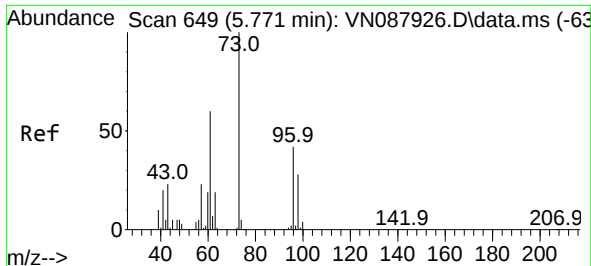
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 63.490 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

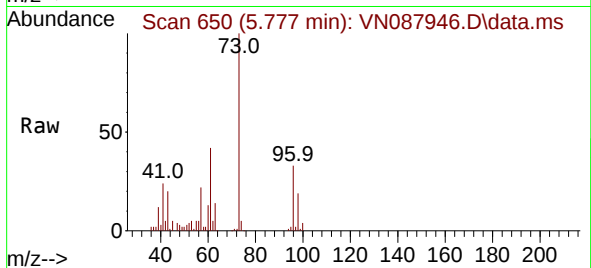
Tgt Ion: 84 Resp: 165624
Ion Ratio Lower Upper
84 100
49 127.4 92.1 138.1
51 37.5 27.7 41.5
86 67.5 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 56.196 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

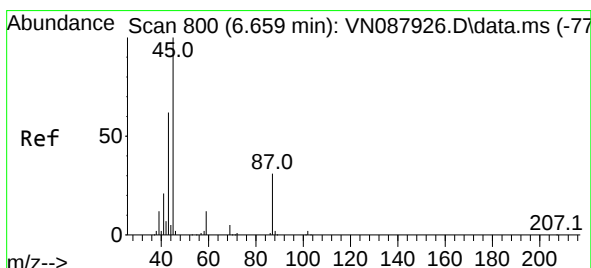
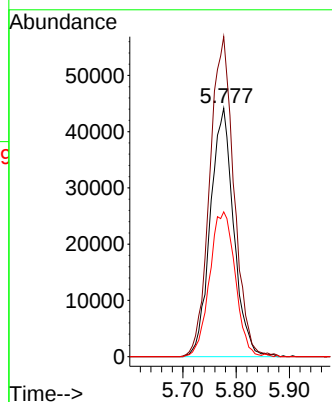
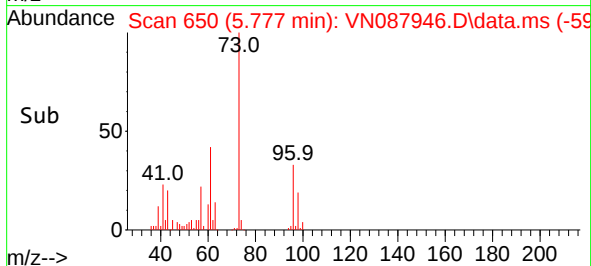
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 134690
Ion Ratio Lower Upper
96 100
61 128.8 114.4 171.6
98 58.3 53.6 80.4

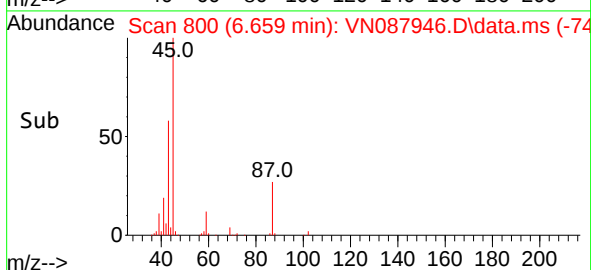
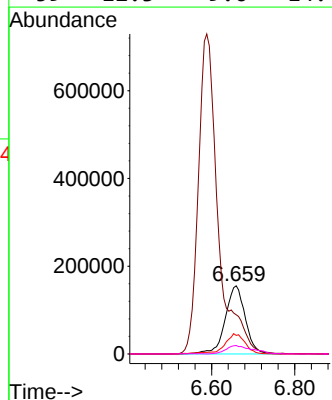
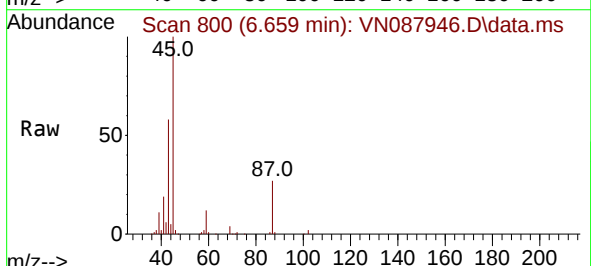
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#22
Diisopropyl ether
Concen: 69.653 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

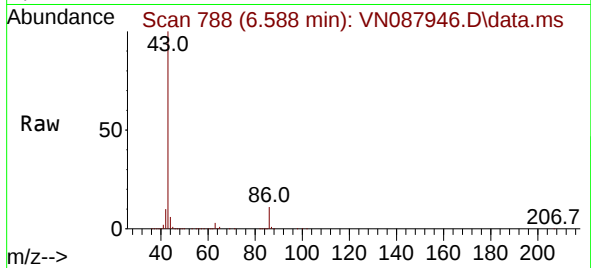
Tgt Ion: 45 Resp: 517553
Ion Ratio Lower Upper
45 100
43 56.7 49.9 74.9
87 27.2 25.2 37.8
59 12.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 384.310 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087946.D
 Acq: 24 Sep 2025 15:37

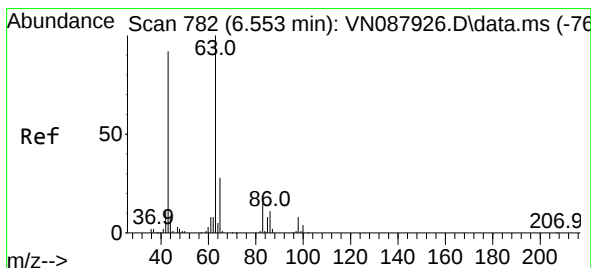
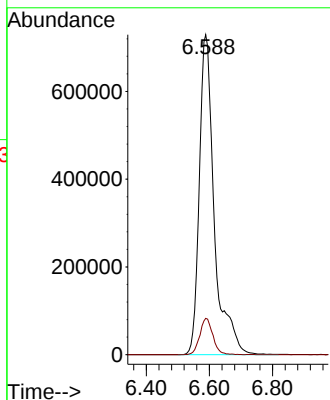
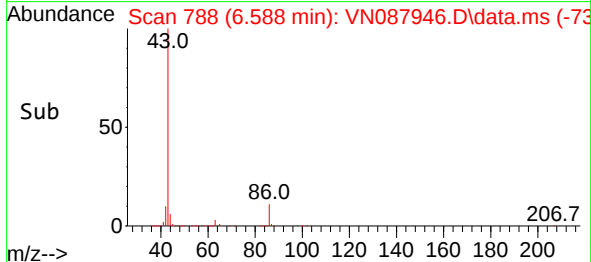
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



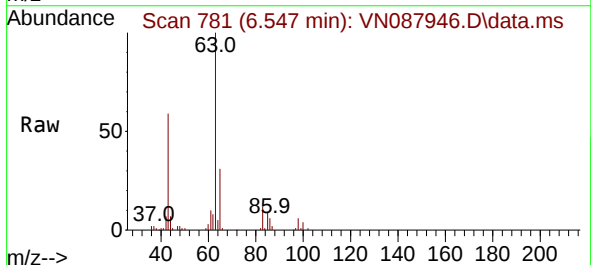
Tgt Ion: 43 Resp: 2404370
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 12.8

Manual Integrations
 APPROVED

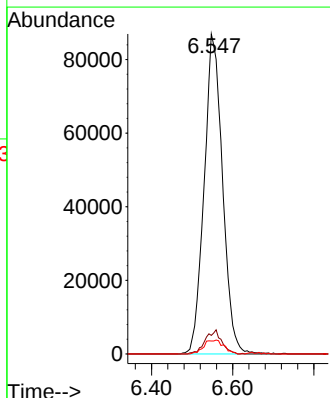
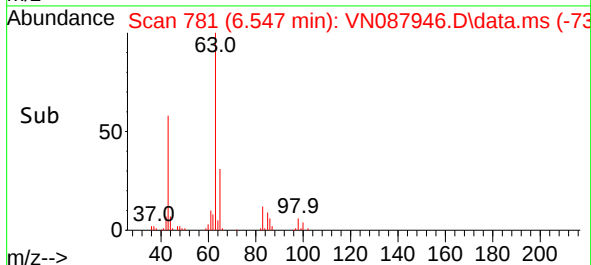
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#24
 1,1-Dichloroethane
 Concen: 63.010 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.006 min
 Lab File: VN087946.D
 Acq: 24 Sep 2025 15:37



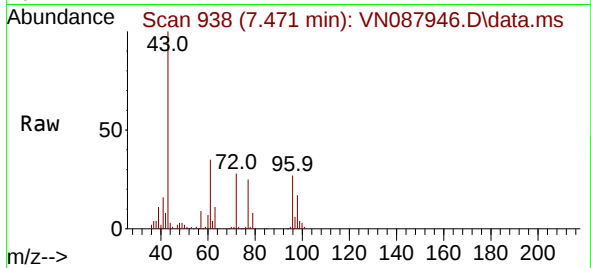
Tgt Ion: 63 Resp: 273532
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.5
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 335.072 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

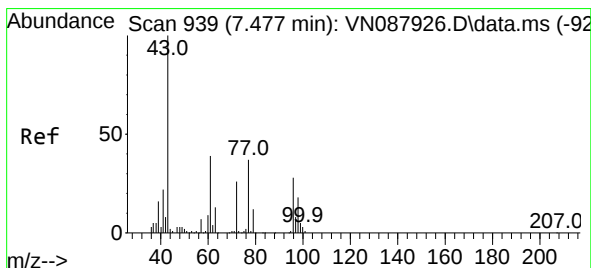
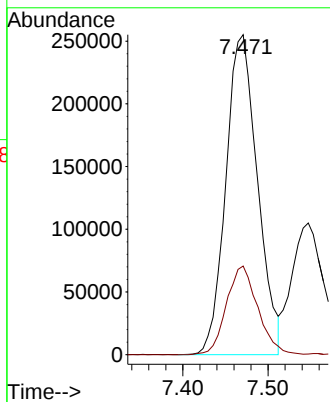
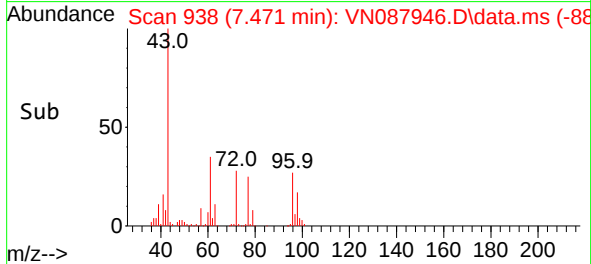
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 660049
Ion Ratio Lower Upper
43 100
72 27.7 21.5 32.3

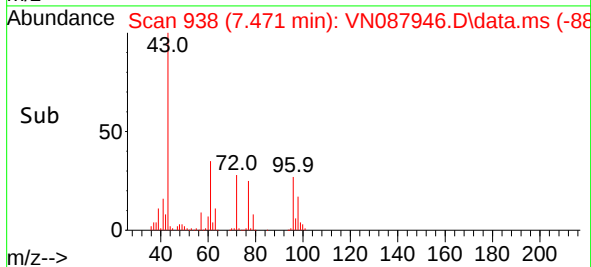
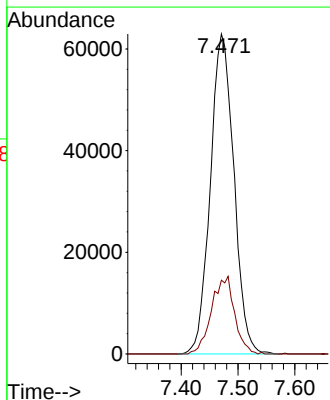
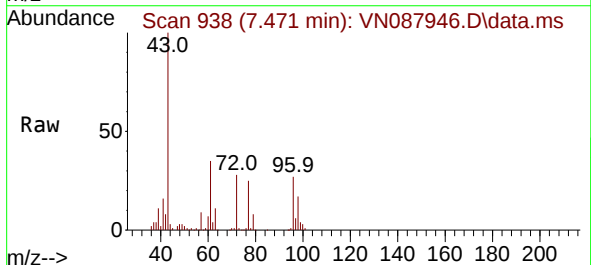
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#26
2,2-Dichloropropane
Concen: 46.941 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

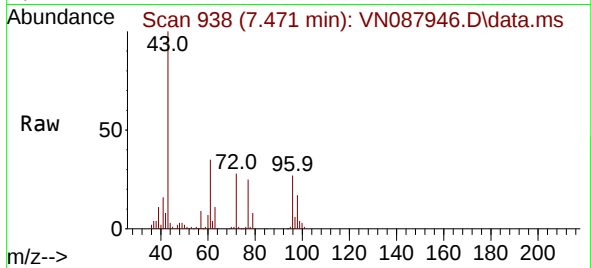
Tgt Ion: 77 Resp: 181047
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 63.573 ug/l
 RT: 7.471 min Scan# 913
 Delta R.T. -0.000 min
 Lab File: VN087946.D
 Acq: 24 Sep 2025 15:37

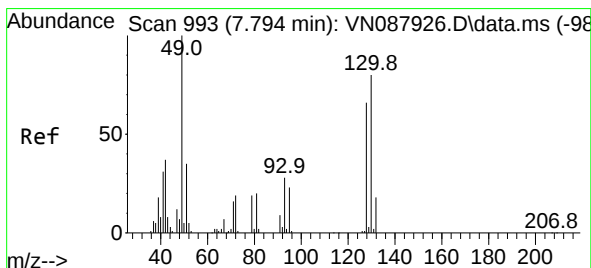
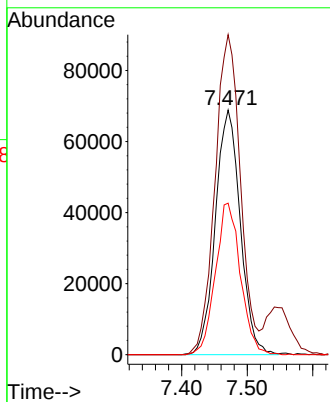
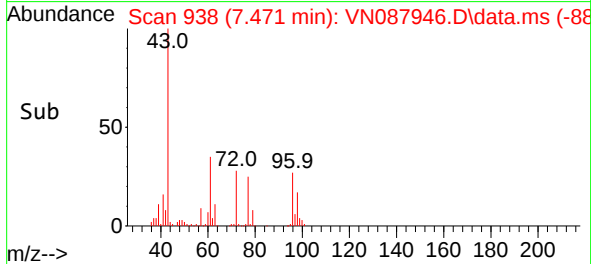
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 181300
 Ion Ratio Lower Upper
 96 100
 61 133.8 0.0 283.0
 98 62.3 0.0 127.6

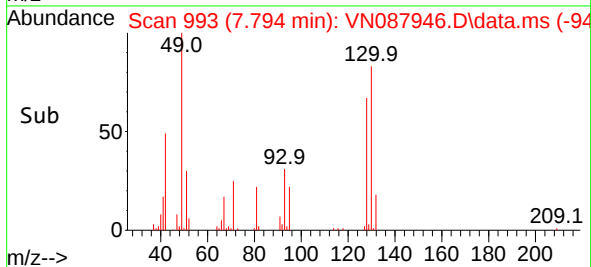
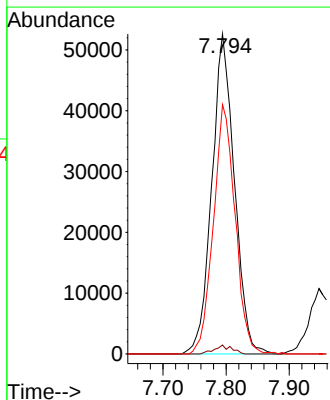
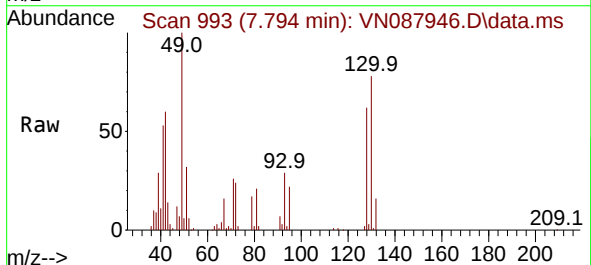
Manual Integrations
 APPROVED

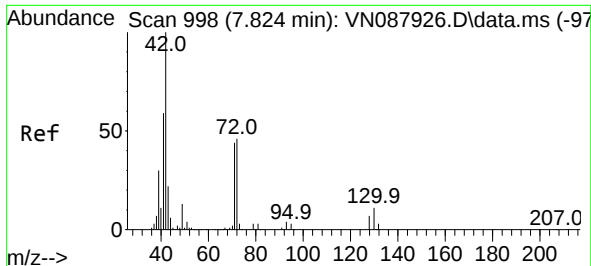
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#28
 Bromochloromethane
 Concen: 55.374 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VN087946.D
 Acq: 24 Sep 2025 15:37

Tgt Ion: 49 Resp: 130603
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.4
 130 75.2 62.6 94.0





#29

Tetrahydrofuran

Concen: 356.641 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 449845

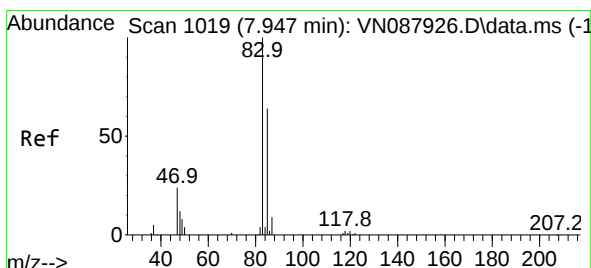
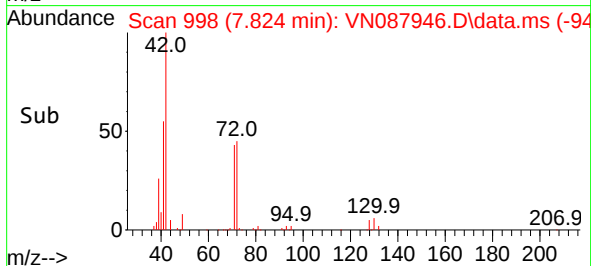
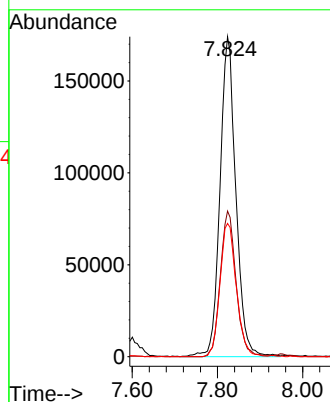
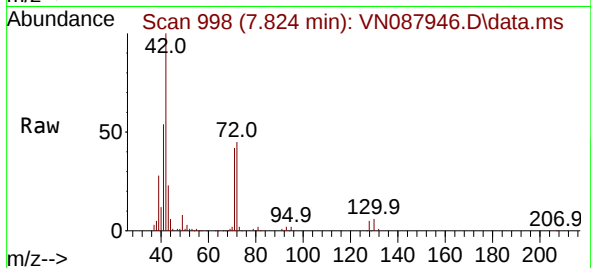
Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.5	54.7
71	42.9	33.8	50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#30

Chloroform

Concen: 63.946 ug/l

RT: 7.947 min Scan# 1019

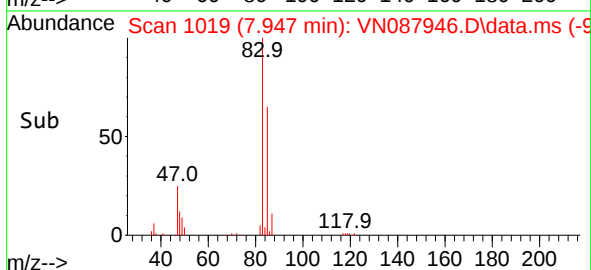
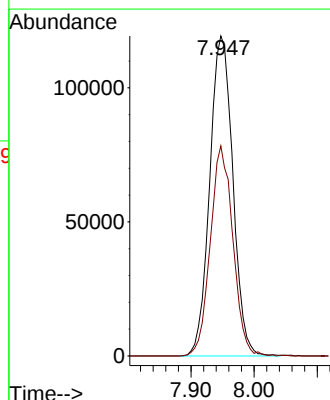
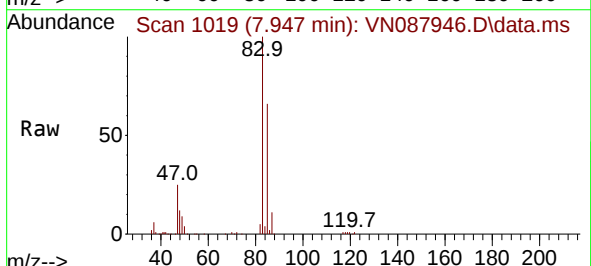
Delta R.T. -0.000 min

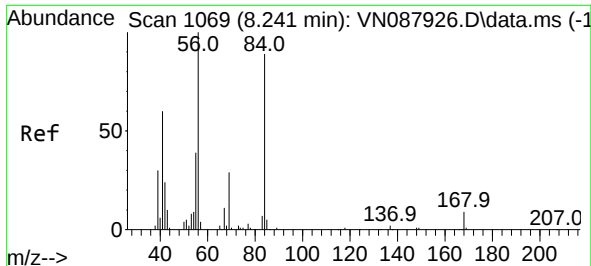
Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Tgt Ion: 83 Resp: 303527

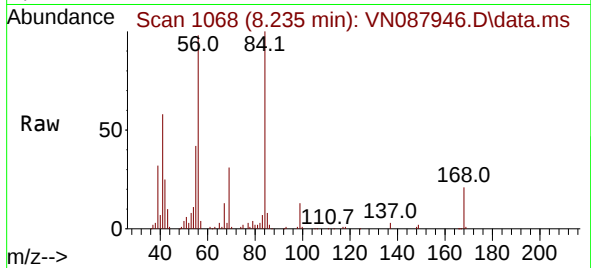
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.9	76.3





#31
Cyclohexane
Concen: 47.671 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

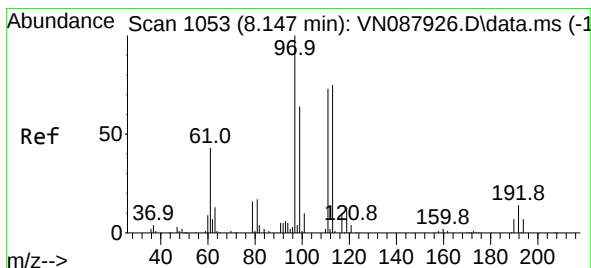
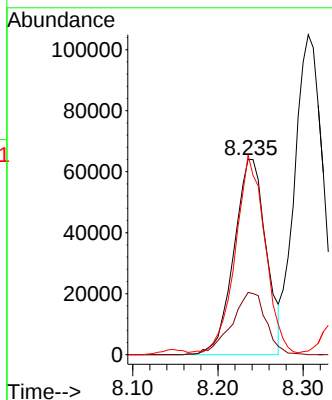
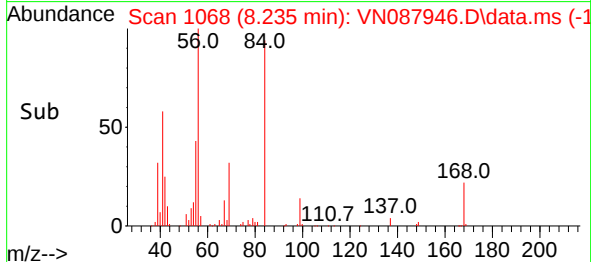
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 16744
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.0
84 99.9 70.8 106.2

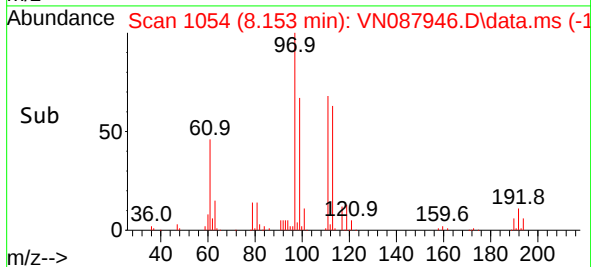
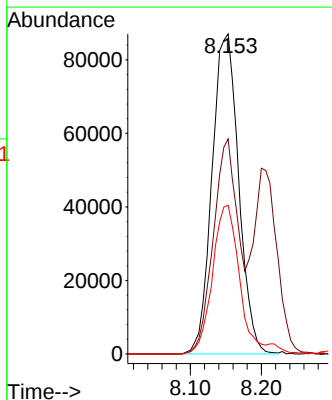
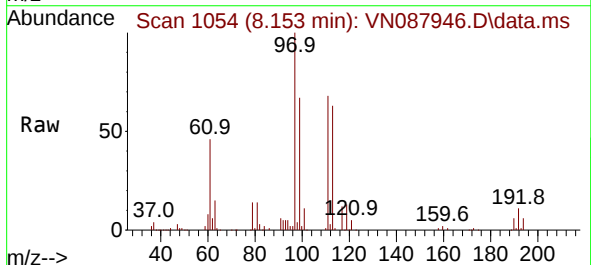
Manual Integrations
APPROVED

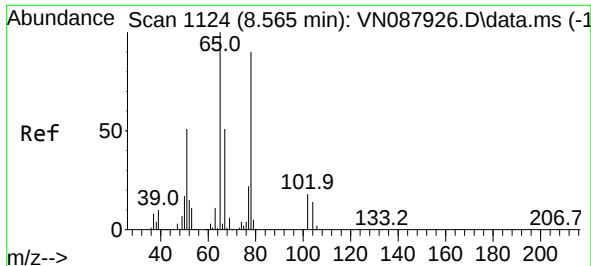
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#32
1,1,1-Trichloroethane
Concen: 56.515 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

Tgt Ion: 97 Resp: 226666
Ion Ratio Lower Upper
97 100
99 62.4 51.1 76.7
61 46.6 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 60.850 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 19060

Ion Ratio Lower Upper

65 100

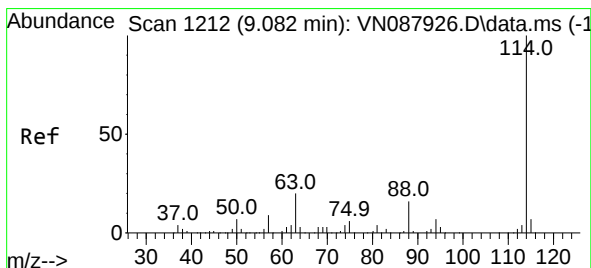
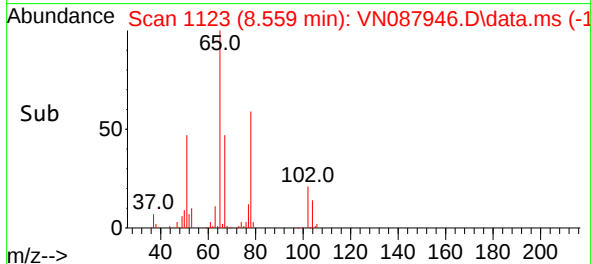
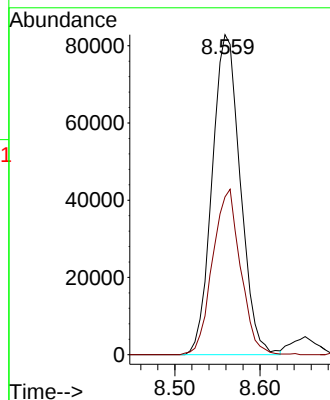
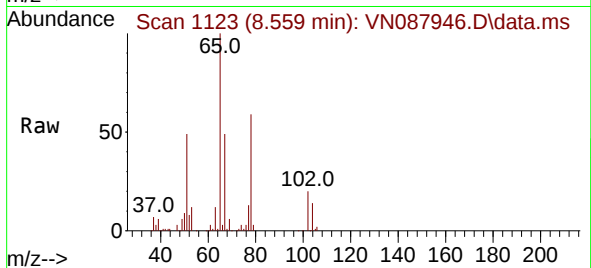
67 51.3 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

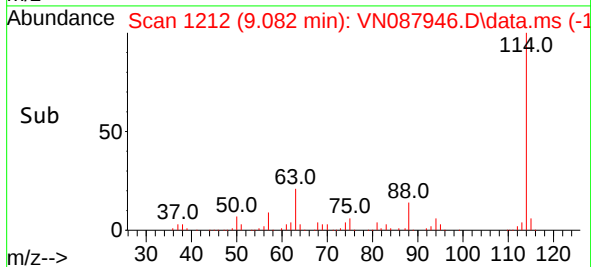
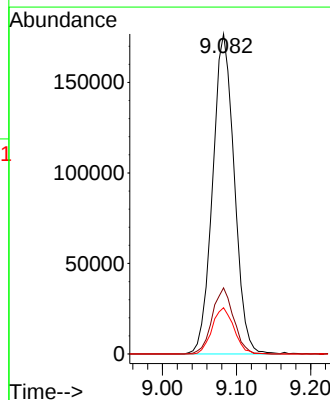
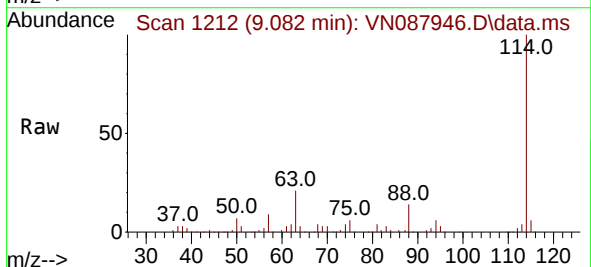
Tgt Ion:114 Resp: 358440

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 14.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.091 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 14337

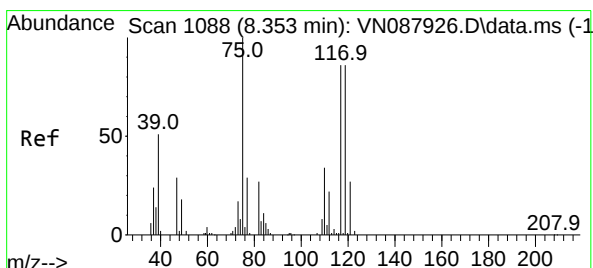
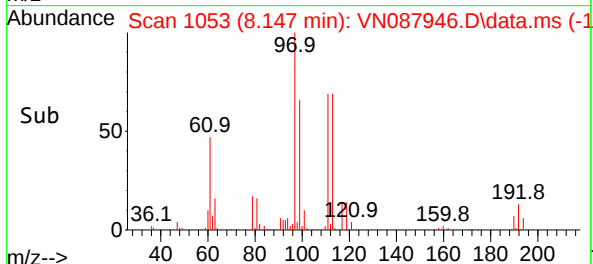
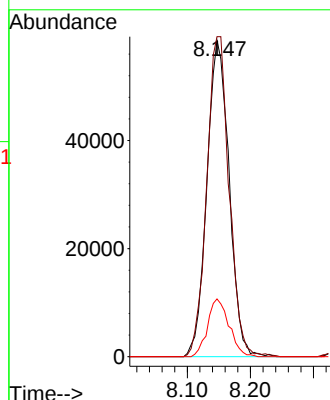
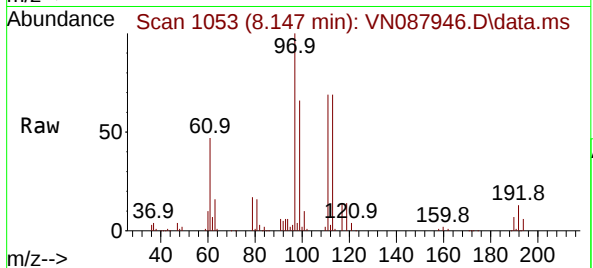
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.2
192	17.6	14.2	21.2

Manual Integrations

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Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#36

1,1-Dichloropropene

Concen: 52.377 ug/l

RT: 8.353 min Scan# 1088

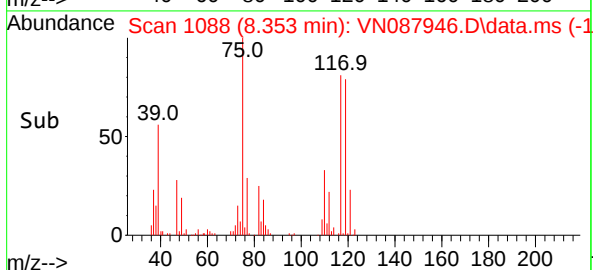
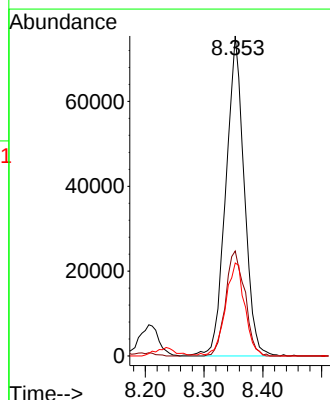
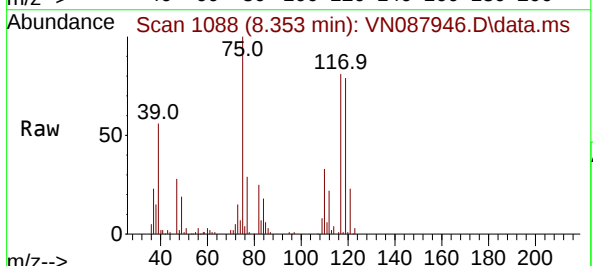
Delta R.T. -0.000 min

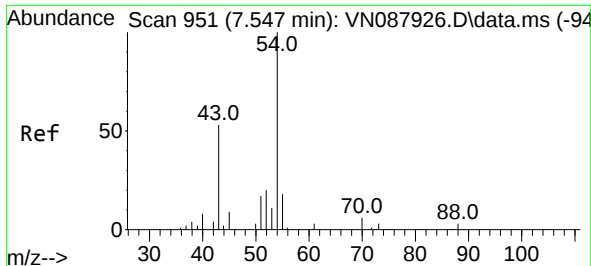
Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Tgt Ion: 75 Resp: 163905

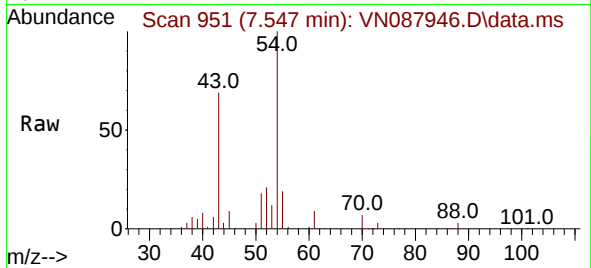
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.1	51.3
77	30.7	24.8	37.2





#37
Ethyl Acetate
Concen: 68.130 ug/l
RT: 7.547 min Scan# 951
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

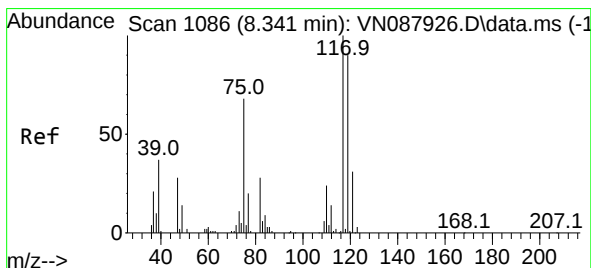
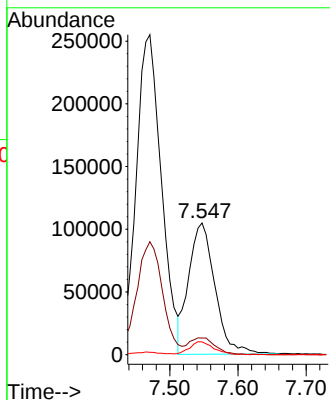
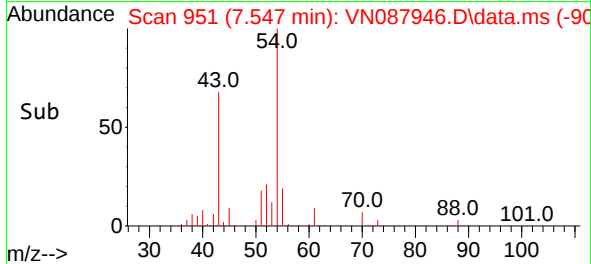
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 279969
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 9.1 7.8 11.8

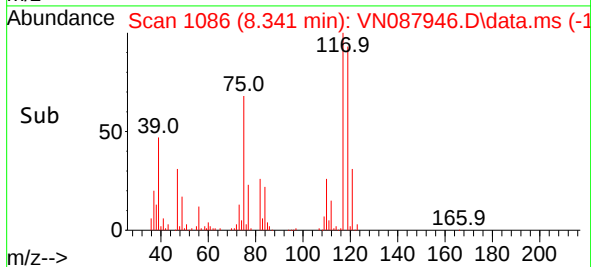
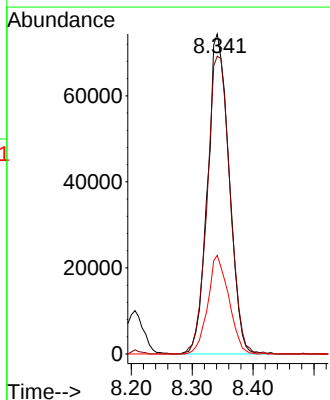
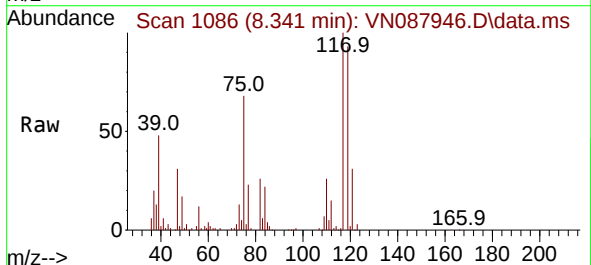
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#38
Carbon Tetrachloride
Concen: 50.841 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

Tgt Ion:117 Resp: 182564
Ion Ratio Lower Upper
117 100
119 93.0 72.1 108.1
121 30.8 24.6 36.8





#39

Methylcyclohexane

Concen: 48.656 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

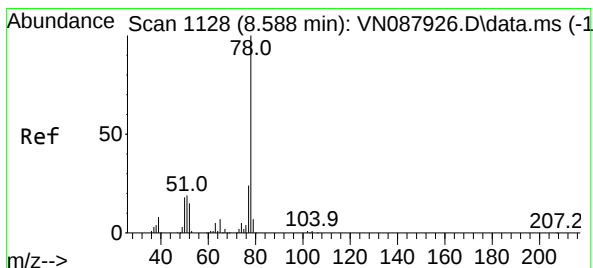
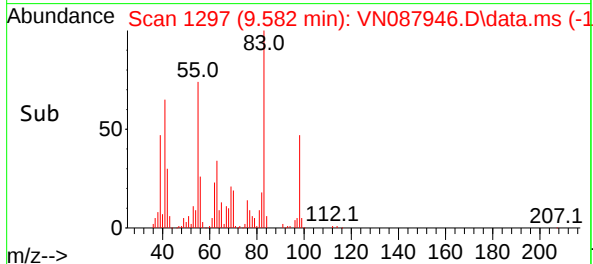
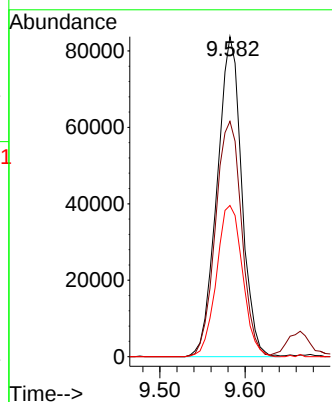
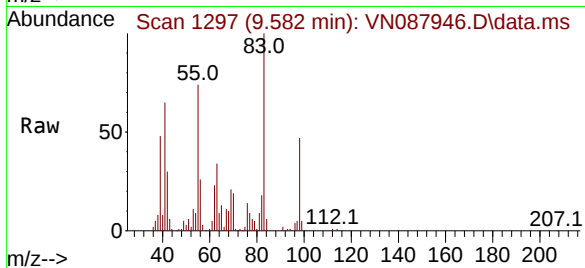
Tgt Ion:	83	Resp:	16796
Ion Ratio	Lower	Upper	
83	100		
55	73.6	59.9	89.9
98	47.2	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#40

Benzene

Concen: 57.413 ug/l

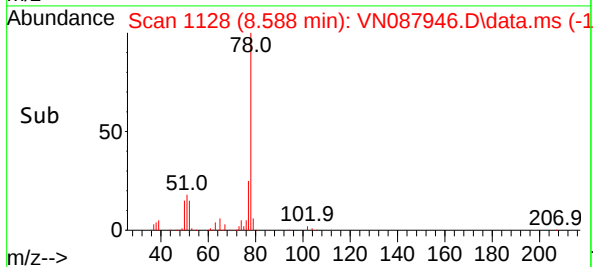
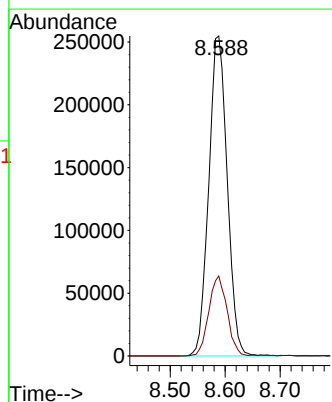
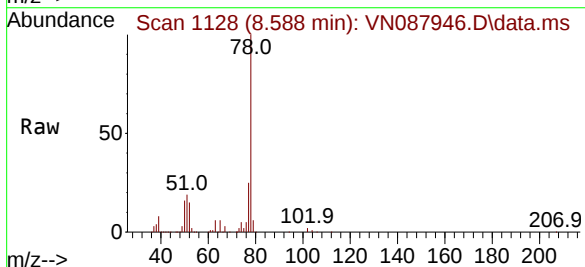
RT: 8.588 min Scan# 1128

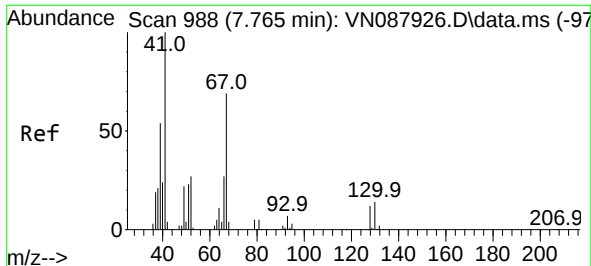
Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

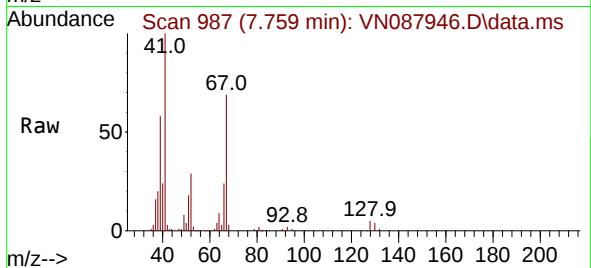
Tgt Ion:	78	Resp:	594873
Ion Ratio	Lower	Upper	
78	100		
77	25.0	19.0	28.6





#41
Methacrylonitrile
Concen: 66.179 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

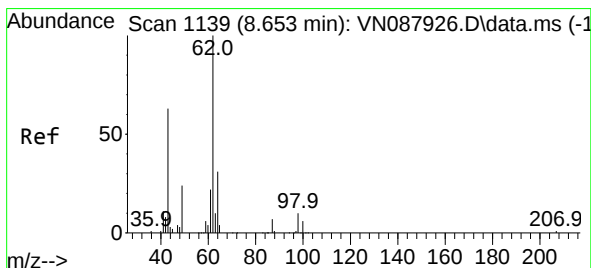
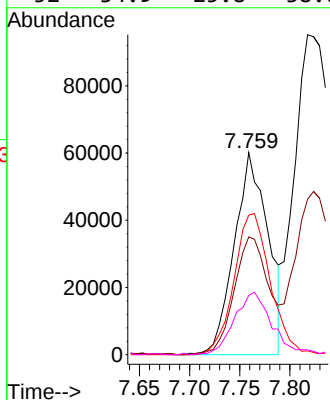
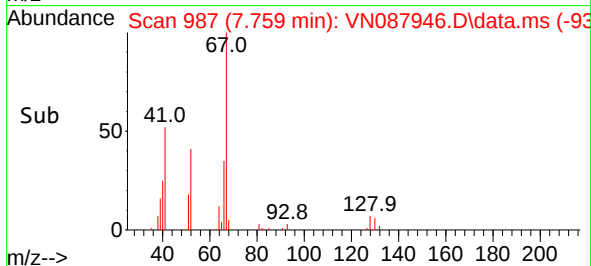
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 14054
Ion Ratio Lower Upper
41 100
39 59.6 43.5 65.3
67 75.2 57.6 86.4
52 34.9 25.8 38.6

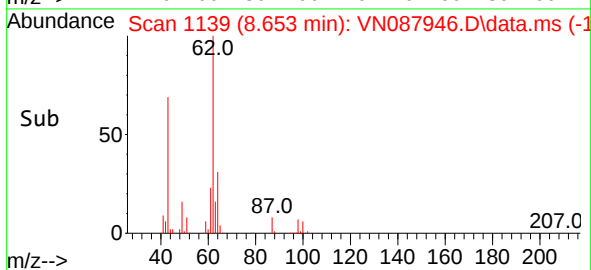
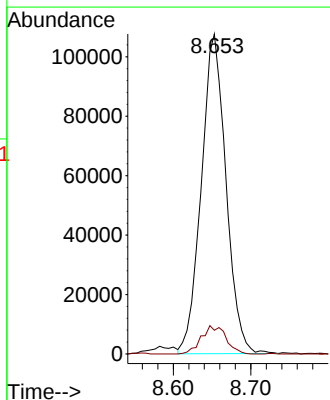
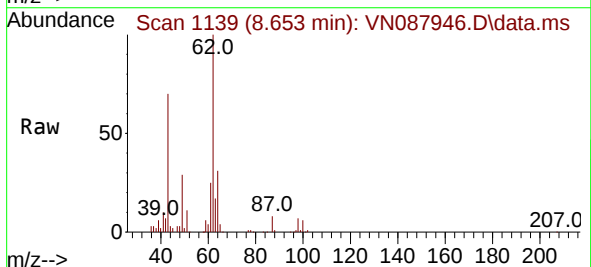
Manual Integrations
APPROVED

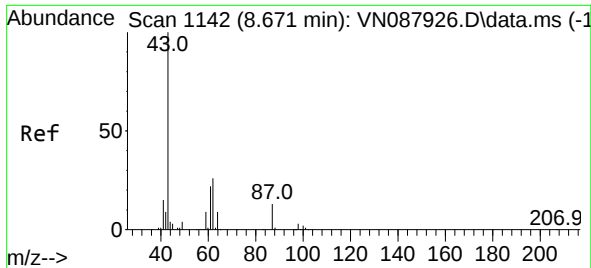
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#42
1,2-Dichloroethane
Concen: 61.532 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

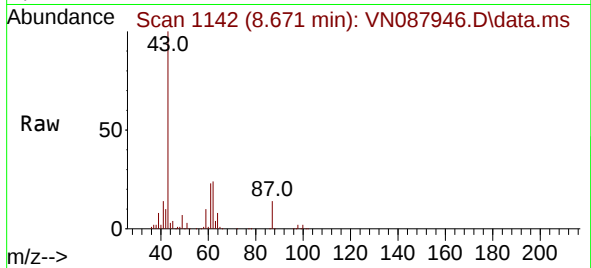
Tgt Ion: 62 Resp: 237922
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.6





#43
Isopropyl Acetate
Concen: 66.919 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

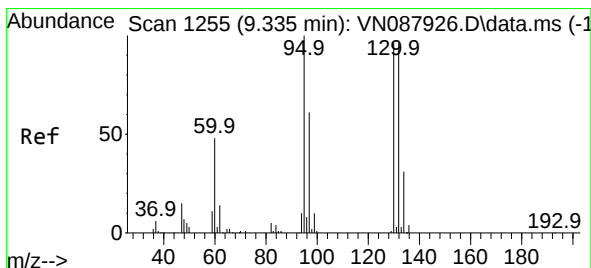
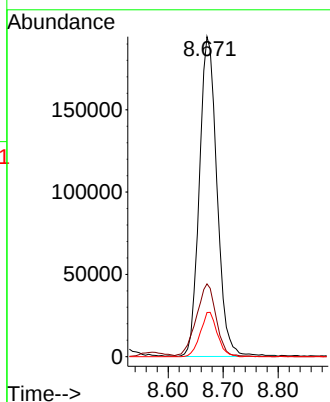
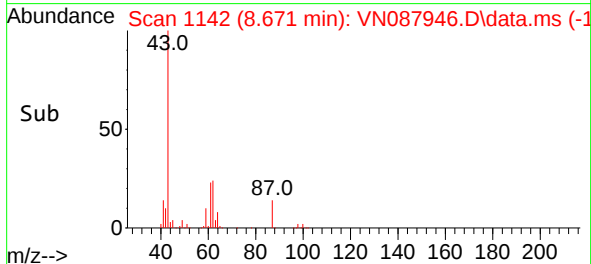
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 432852
Ion Ratio Lower Upper
43 100
61 25.8 20.2 30.2
87 13.4 10.9 16.3

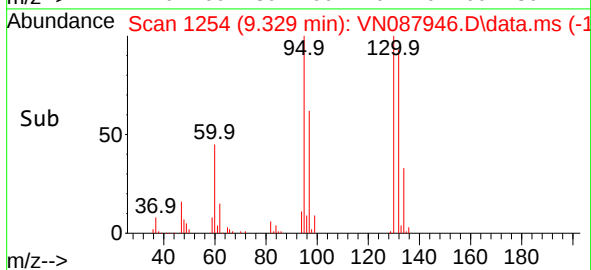
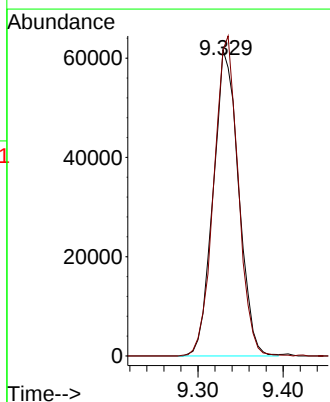
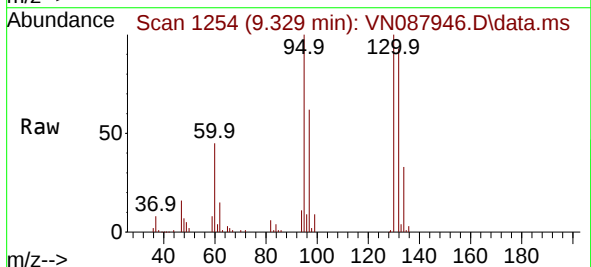
Manual Integrations
APPROVED

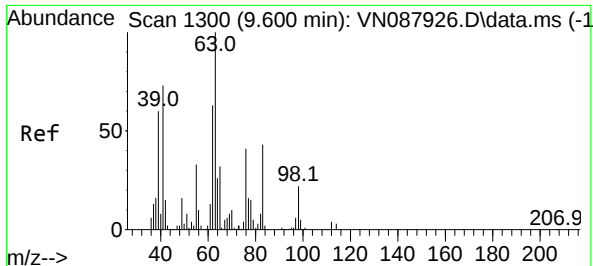
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#44
Trichloroethene
Concen: 51.577 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

Tgt Ion:130 Resp: 127652
Ion Ratio Lower Upper
130 100
95 99.8 0.0 208.0





#45

1,2-Dichloropropane

Concen: 59.864 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 155530

Ion Ratio Lower Upper

63 100

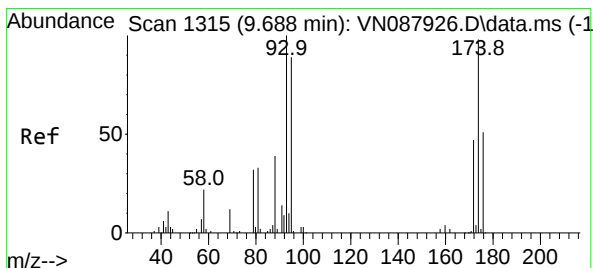
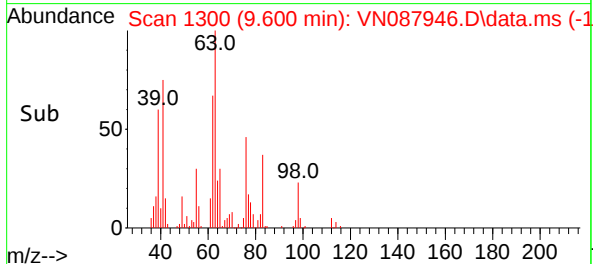
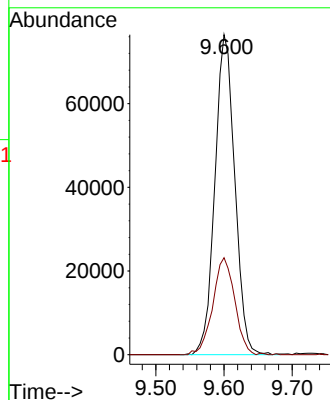
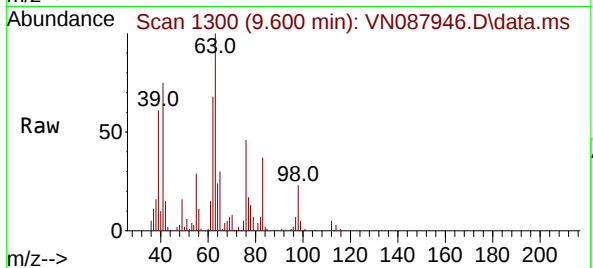
65 30.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 65.506 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

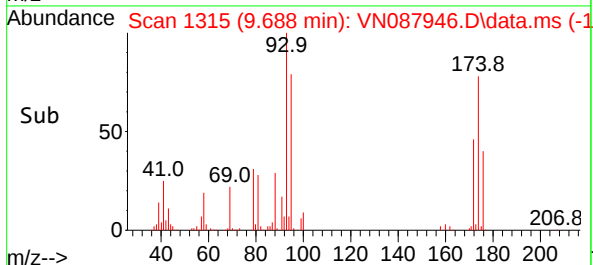
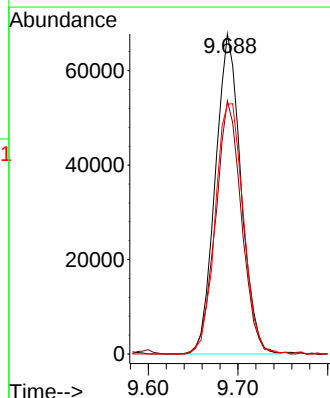
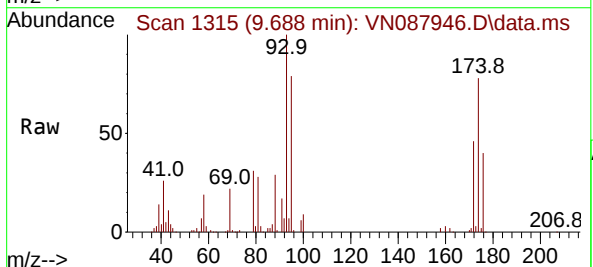
Tgt Ion: 93 Resp: 134296

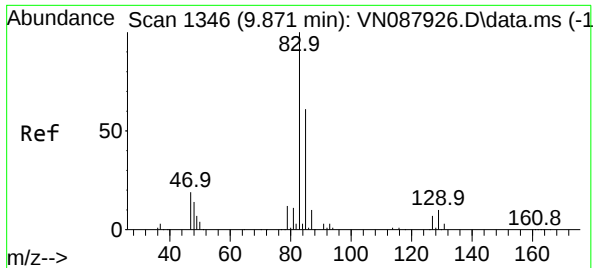
Ion Ratio Lower Upper

93 100

95 80.4 67.6 101.4

174 85.6 75.4 113.0





#47

Bromodichloromethane

Concen: 61.161 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 245934

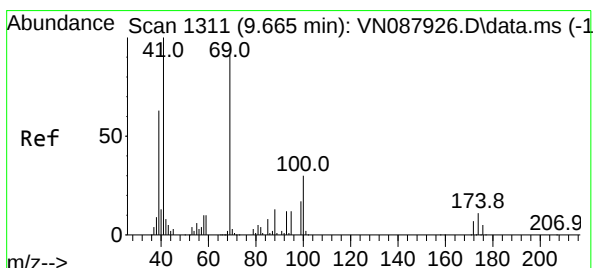
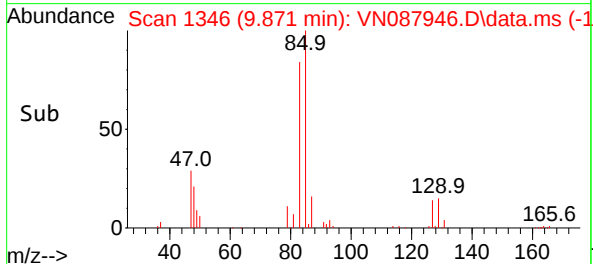
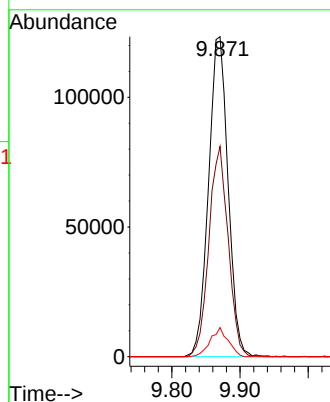
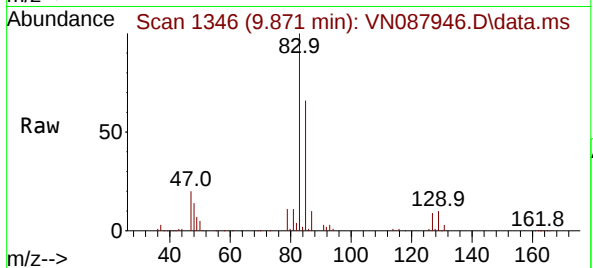
Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.1	73.7
127	9.1	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#48

Methyl methacrylate

Concen: 67.281 ug/l

RT: 9.665 min Scan# 1311

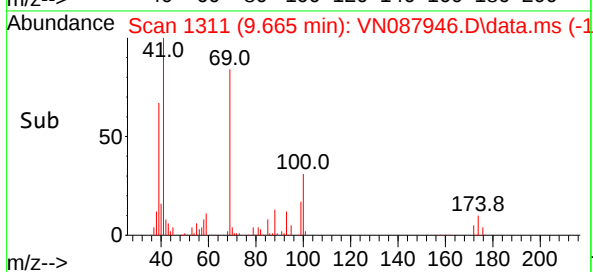
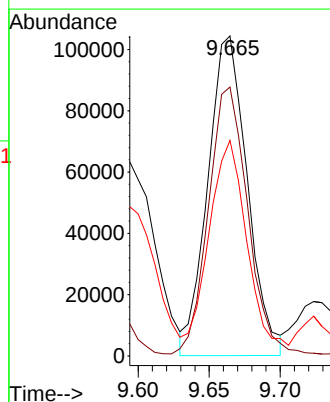
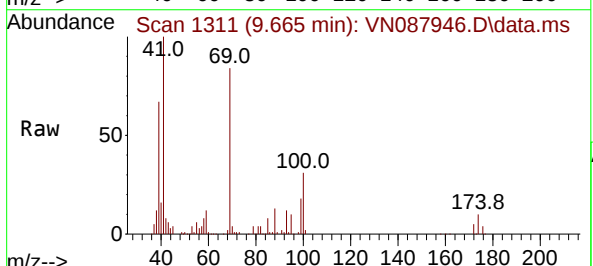
Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Tgt Ion: 41 Resp: 201537

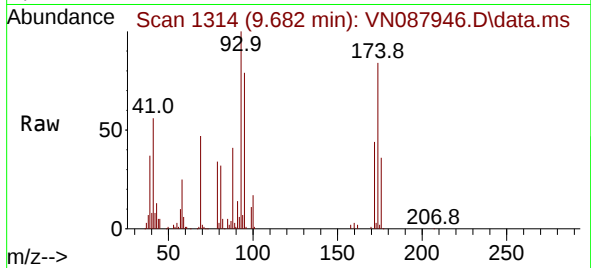
Ion	Ratio	Lower	Upper
41	100		
69	85.3	70.9	106.3
39	66.1	52.9	79.3





#49
1,4-Dioxane
Concen: 1286.412 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

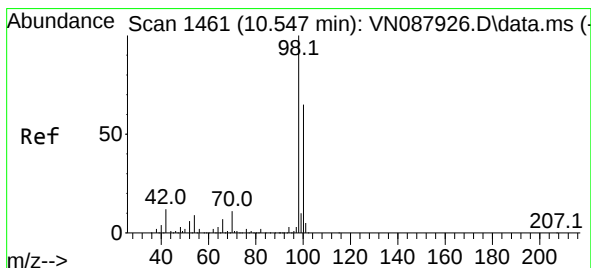
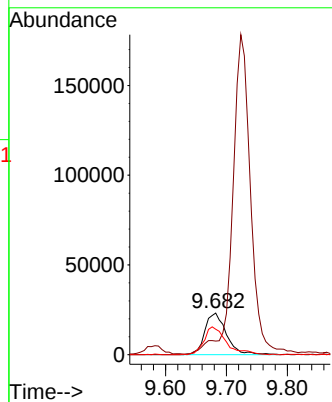
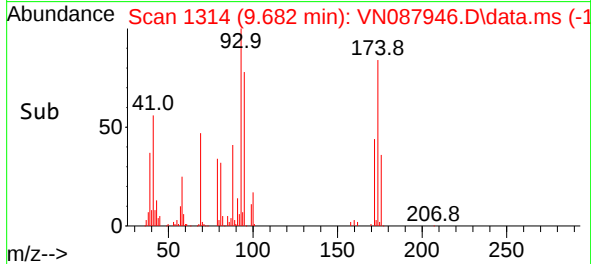
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 56920
Ion Ratio Lower Upper
88 100
43 0.0 22.6 33.8
58 69.3 57.4 86.2

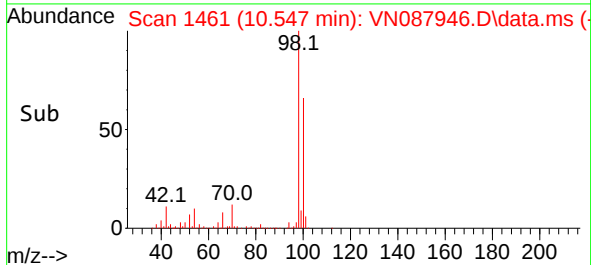
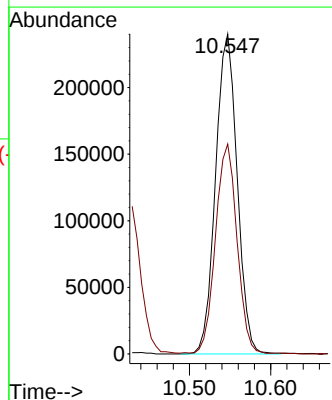
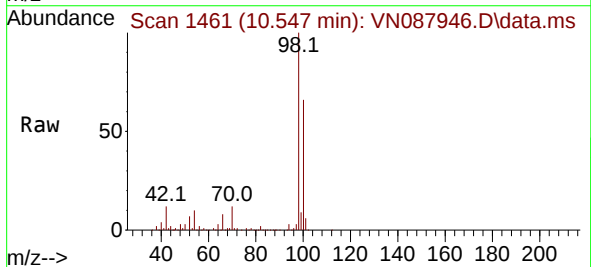
Manual Integrations
APPROVED

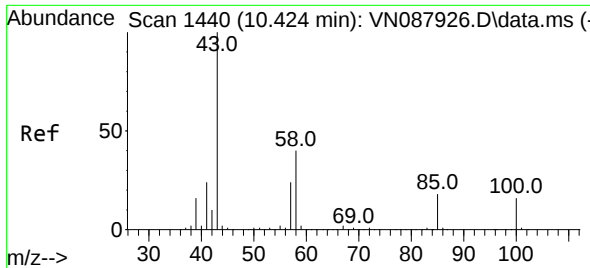
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#50
Toluene-d8
Concen: 48.560 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

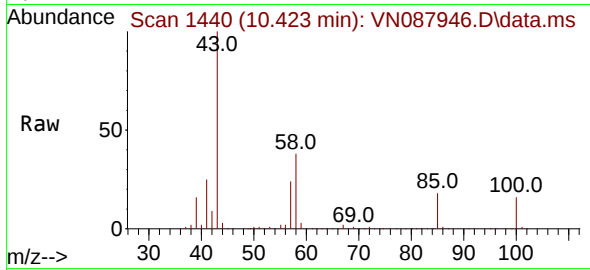
Tgt Ion: 98 Resp: 444419
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5





#51
4-Methyl-2-Pentanone
Concen: 341.845 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

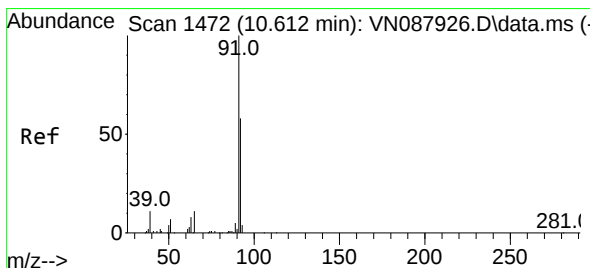
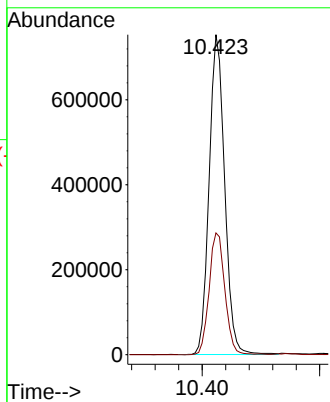
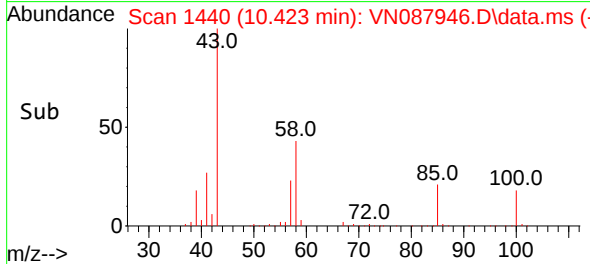
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



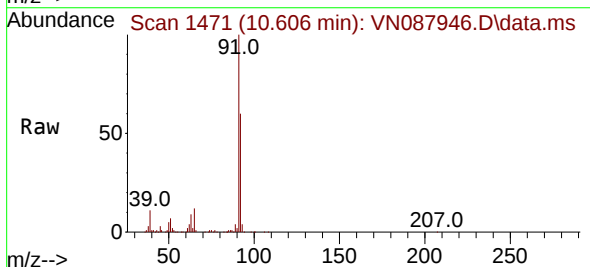
Tgt Ion: 43 Resp: 137976
Ion Ratio Lower Upper
43 100
58 38.4 31.0 46.6

Manual Integrations
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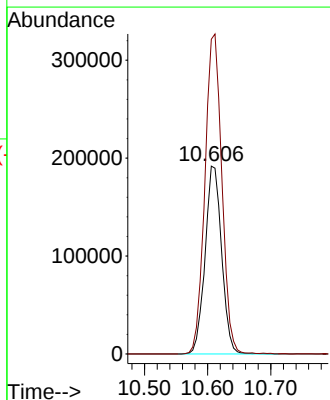
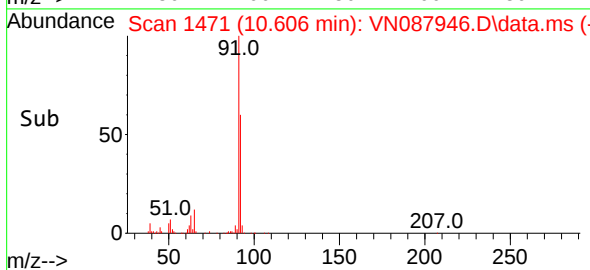
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

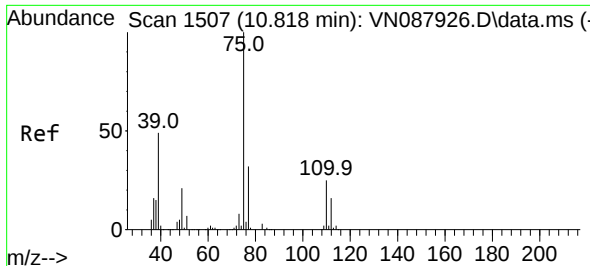


#52
Toluene
Concen: 53.692 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



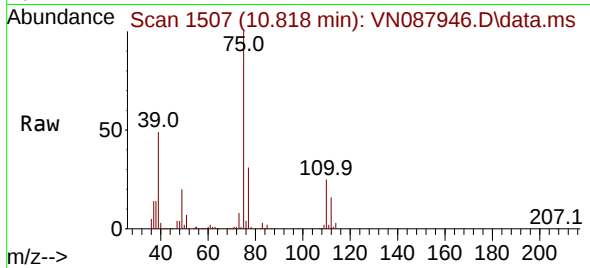
Tgt Ion: 92 Resp: 349110
Ion Ratio Lower Upper
92 100
91 174.4 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 58.698 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

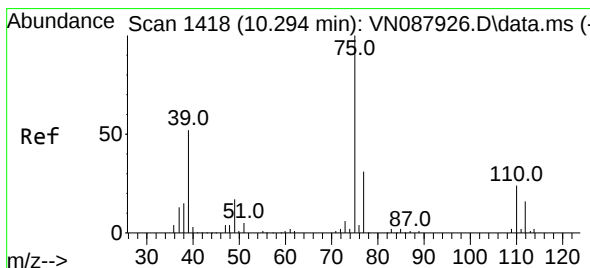
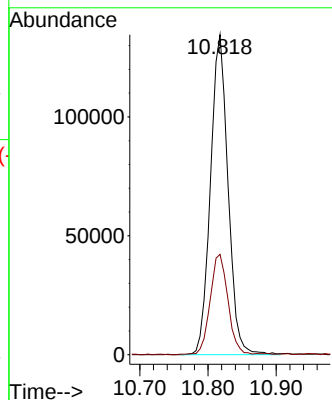
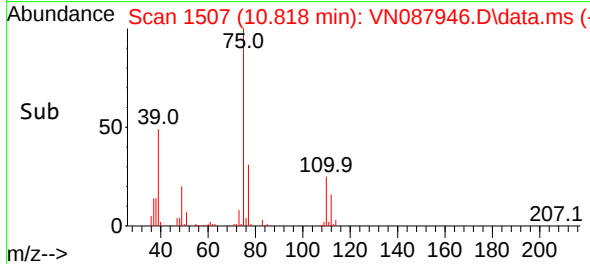
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 24156
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9

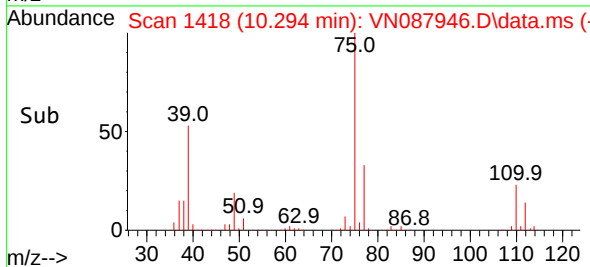
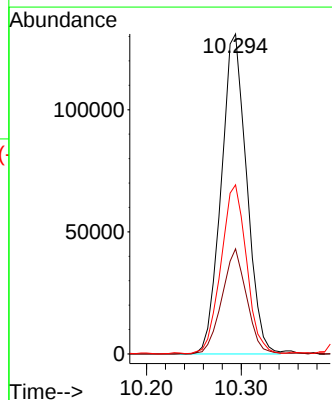
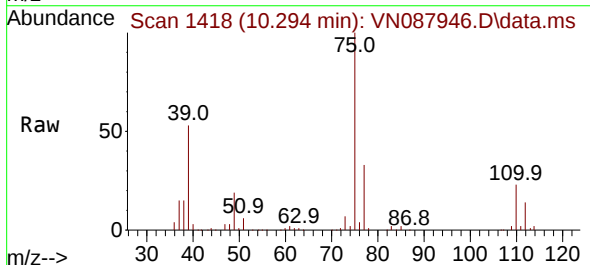
Manual Integrations
APPROVED

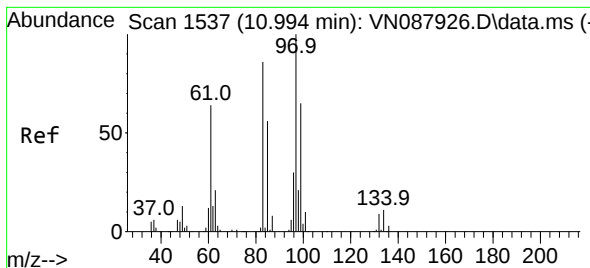
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#54
cis-1,3-Dichloropropene
Concen: 57.269 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

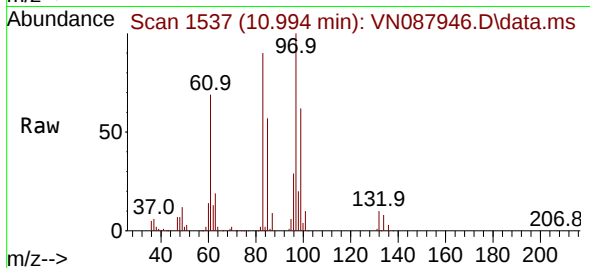
Tgt Ion: 75 Resp: 244783
Ion Ratio Lower Upper
75 100
77 32.7 24.7 37.1
39 52.6 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 63.034 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

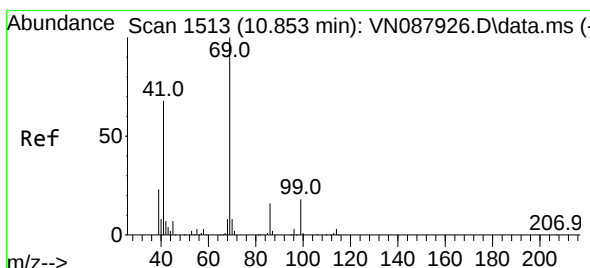
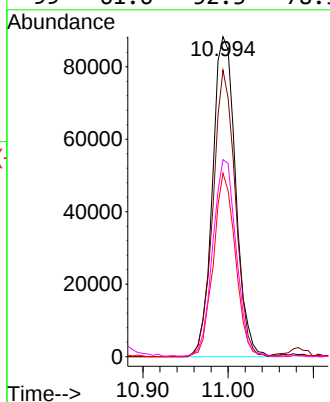
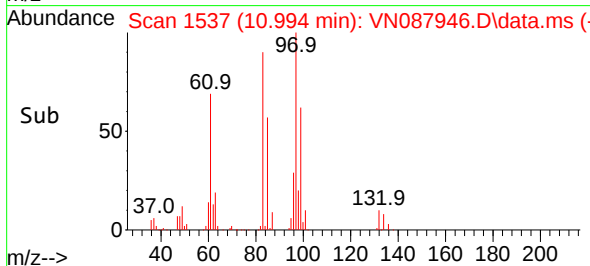
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



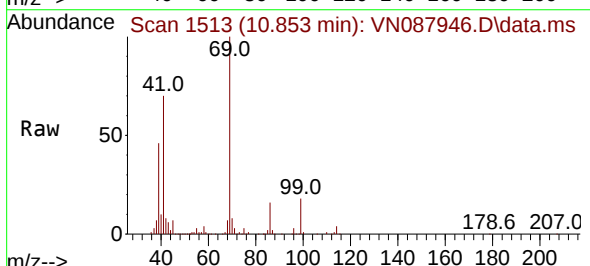
Tgt Ion:	97	Resp:	16664
Ion Ratio	100	Lower	Upper
97	100		
83	89.6	69.0	103.4
85	57.3	44.4	66.6
99	61.6	52.3	78.5

Manual Integrations
APPROVED

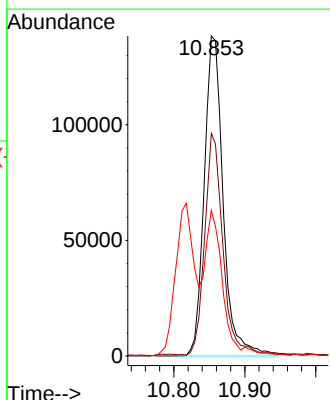
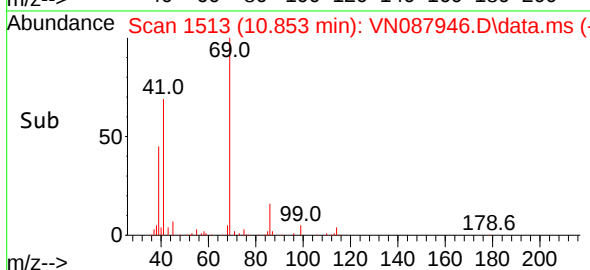
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

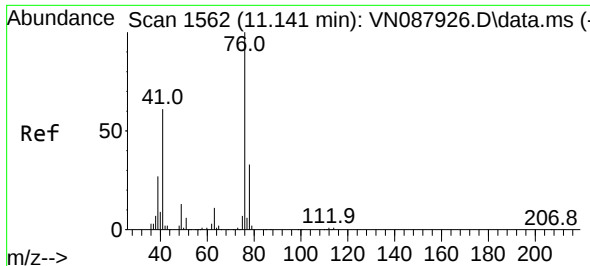


#56
Ethyl methacrylate
Concen: 67.349 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



Tgt Ion:	69	Resp:	257278
Ion Ratio	100	Lower	Upper
69	100		
41	65.6	53.8	80.6
39	43.2	34.7	52.1





#57

1,3-Dichloropropane

Concen: 65.239 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 28368

Ion Ratio Lower Upper

76 100

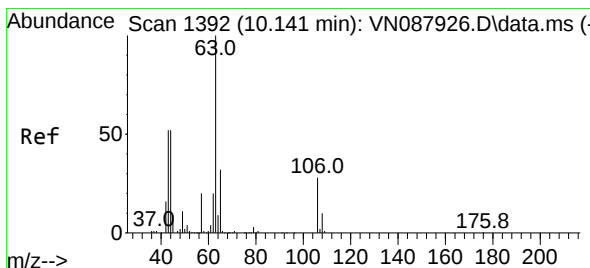
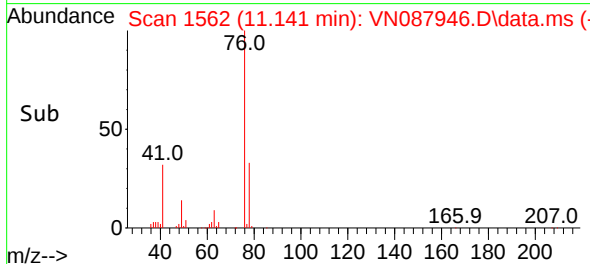
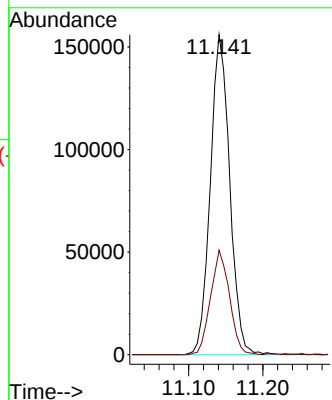
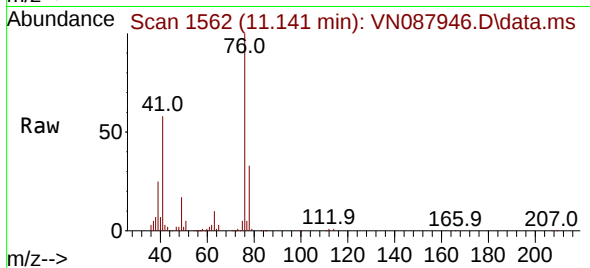
78 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 408.567 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087946.D

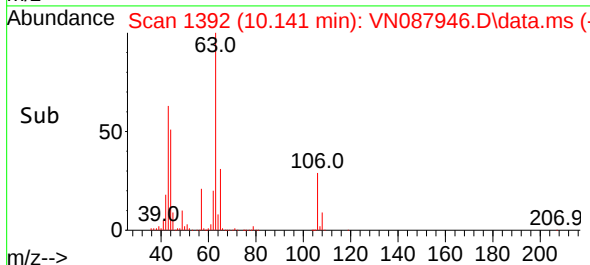
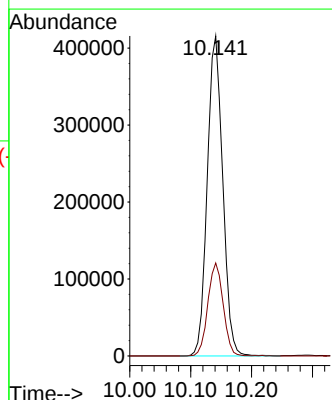
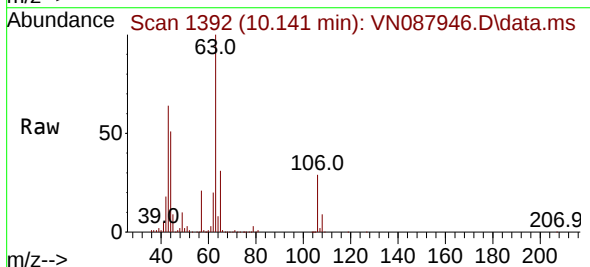
Acq: 24 Sep 2025 15:37

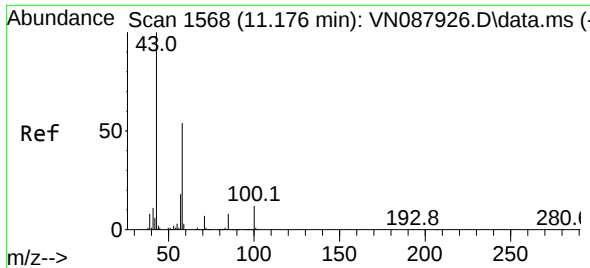
Tgt Ion: 63 Resp: 733838

Ion Ratio Lower Upper

63 100

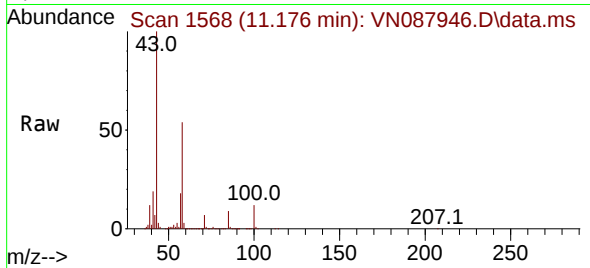
106 28.8 22.6 33.8





#59
2-Hexanone
Concen: 355.596 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

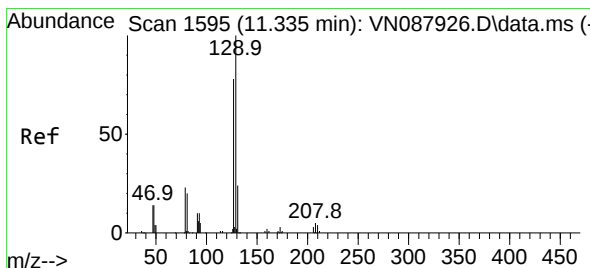
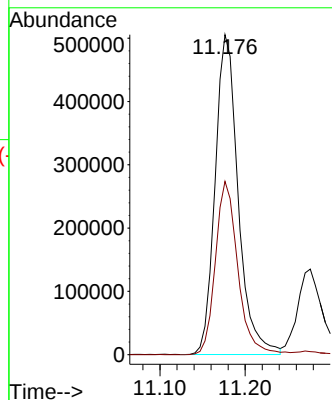
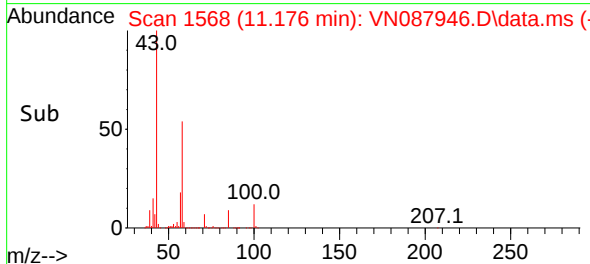
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 949029
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.2

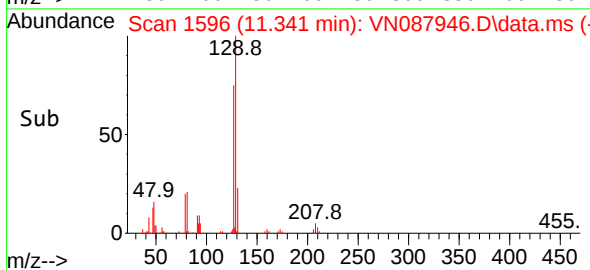
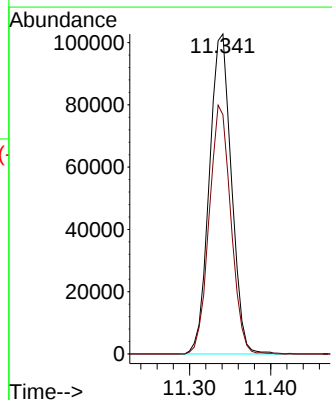
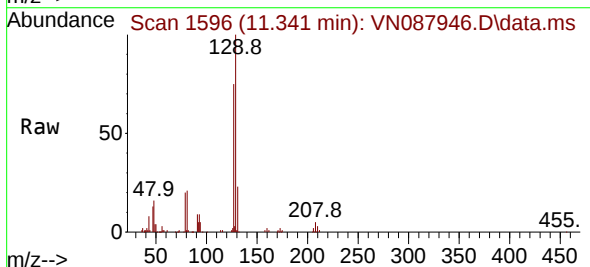
Manual Integrations
APPROVED

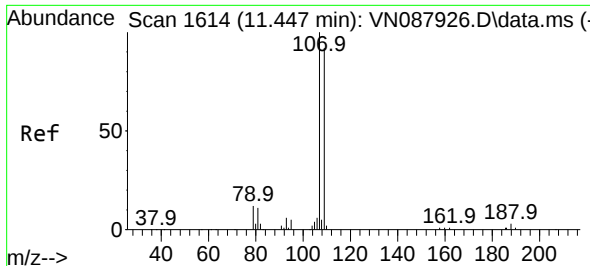
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#60
Dibromochloromethane
Concen: 62.454 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

Tgt Ion:129 Resp: 194131
Ion Ratio Lower Upper
129 100
127 76.5 39.3 117.9





#61
1,2-Dibromoethane
Concen: 62.391 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

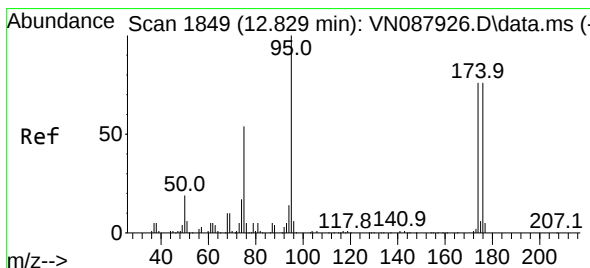
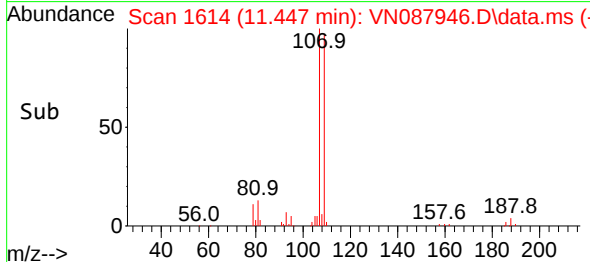
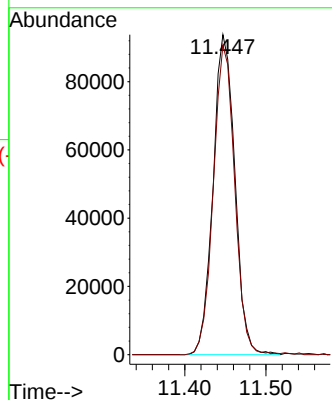
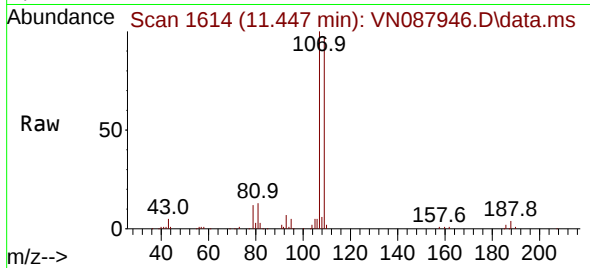
VSTDCCC050EC

Tgt Ion:107 Resp: 174618
Ion Ratio Lower Upper
107 100
109 95.0 75.3 112.9

Manual Integrations

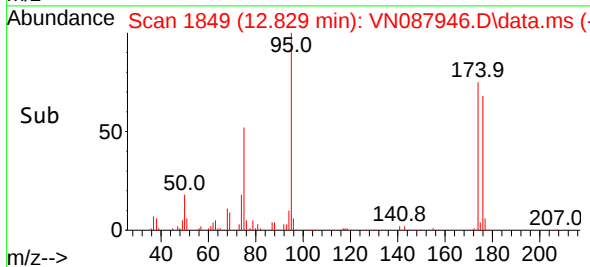
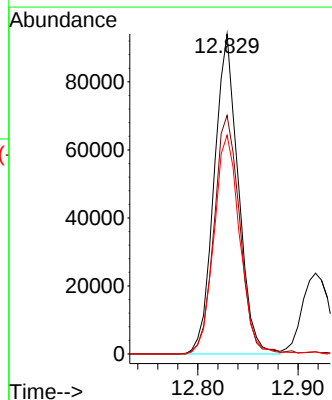
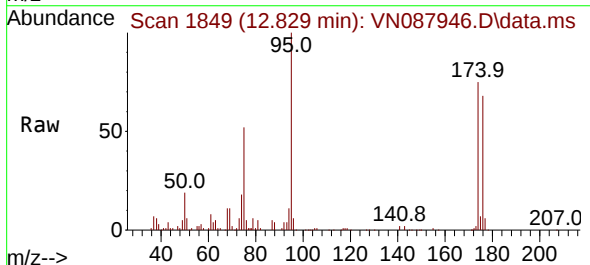
APPROVED

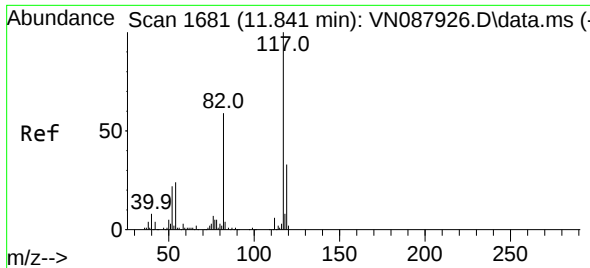
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#62
4-Bromofluorobenzene
Concen: 48.117 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

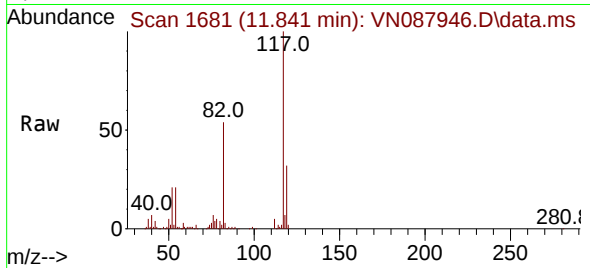
Tgt Ion: 95 Resp: 157405
Ion Ratio Lower Upper
95 100
174 79.3 0.0 159.2
176 73.1 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

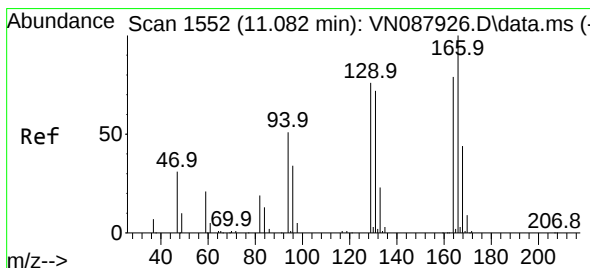
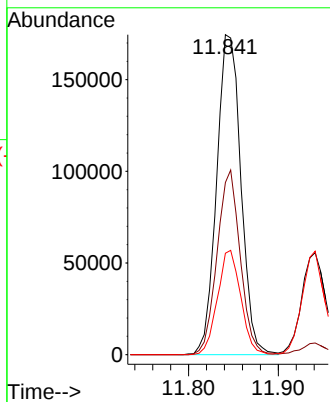
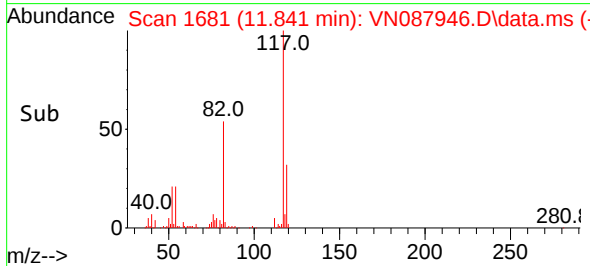
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



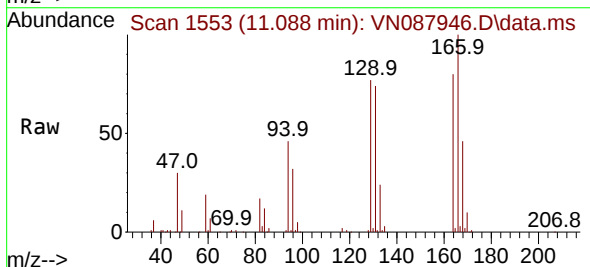
Tgt Ion:117 Resp: 327679
Ion Ratio Lower Upper
117 100
82 53.8 47.0 70.4
119 31.7 26.1 39.1

Manual Integrations
APPROVED

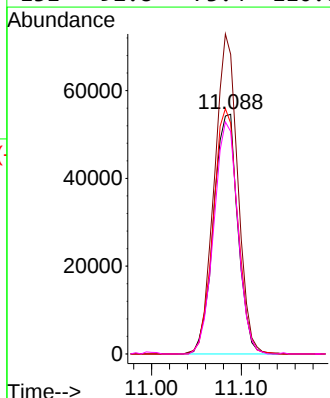
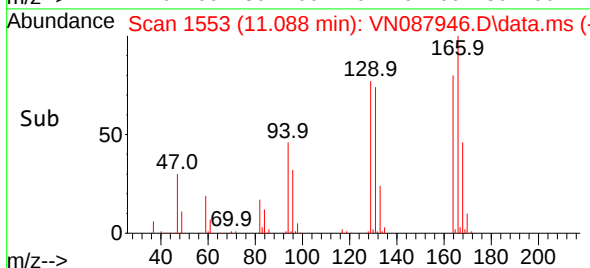
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

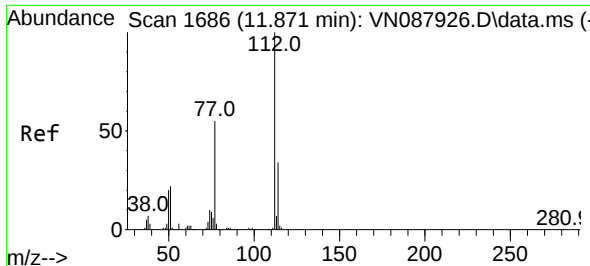


#64
Tetrachloroethene
Concen: 51.403 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



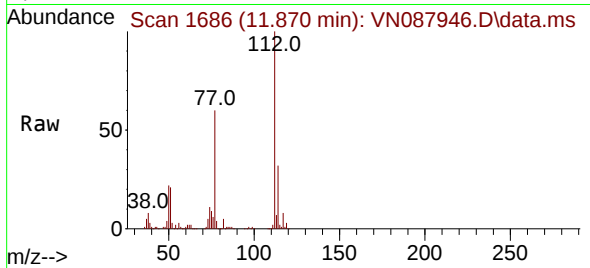
Tgt Ion:164 Resp: 102602
Ion Ratio Lower Upper
164 100
166 124.9 101.6 152.4
129 96.3 77.5 116.3
131 92.8 73.4 110.0





#65
Chlorobenzene
Concen: 54.728 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

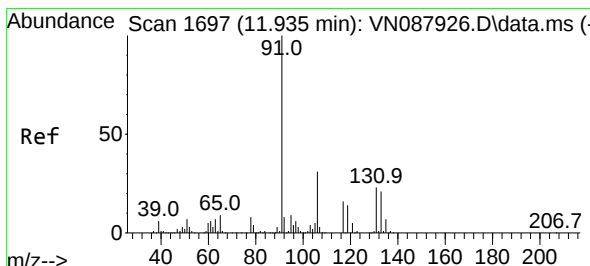
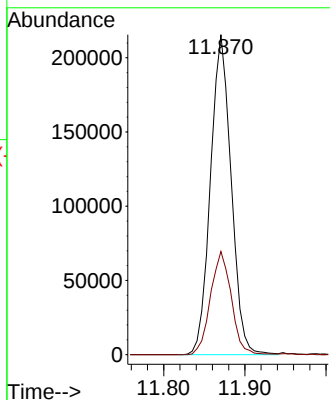
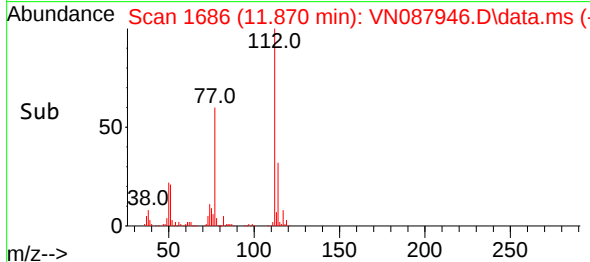
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



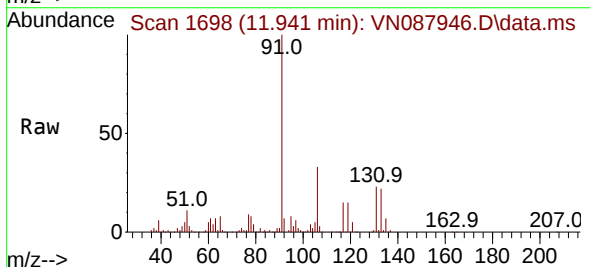
Tgt Ion:112 Resp: 381630
Ion Ratio Lower Upper
112 100
114 32.3 27.2 40.8

Manual Integrations
APPROVED

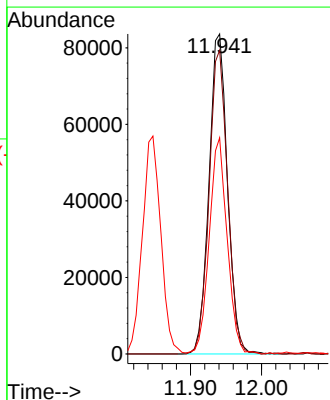
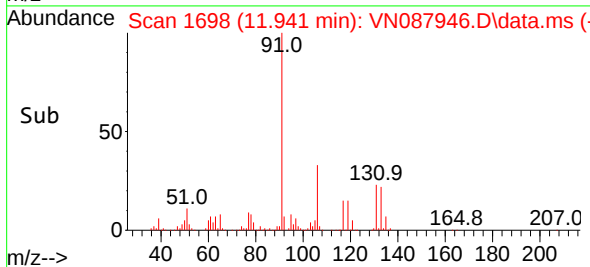
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

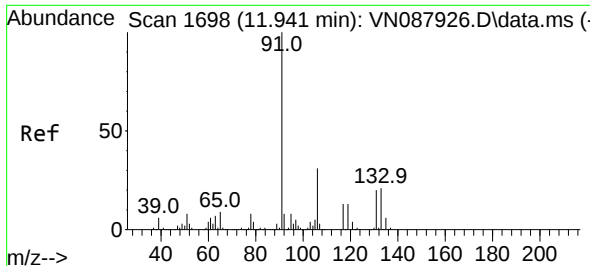


#66
1,1,1,2-Tetrachloroethane
Concen: 60.093 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



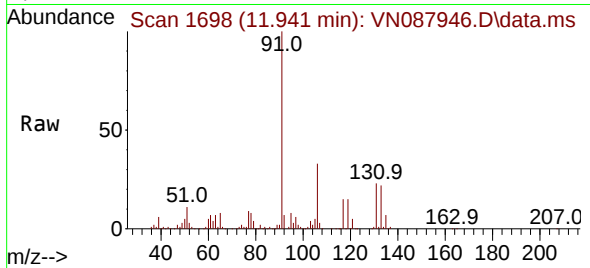
Tgt Ion:131 Resp: 151114
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.0
119 65.5 31.9 95.5





#67
Ethyl Benzene
Concen: 53.348 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

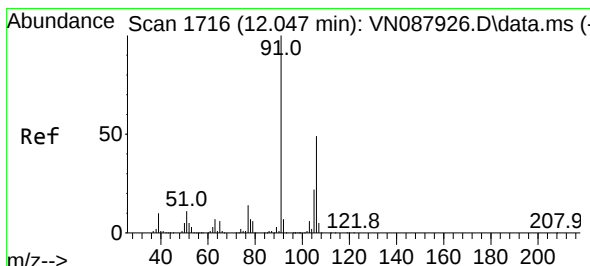
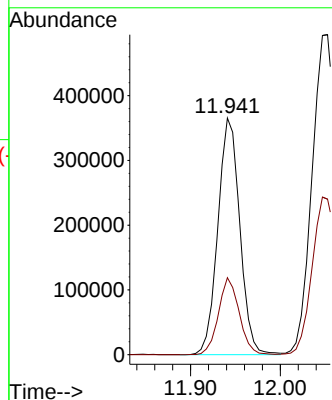
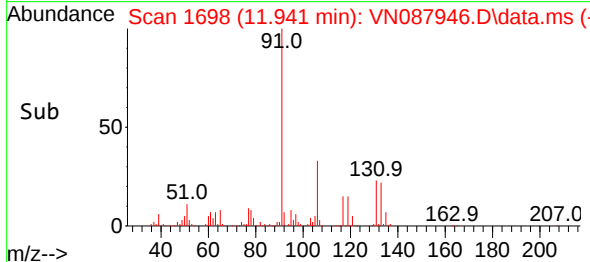
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



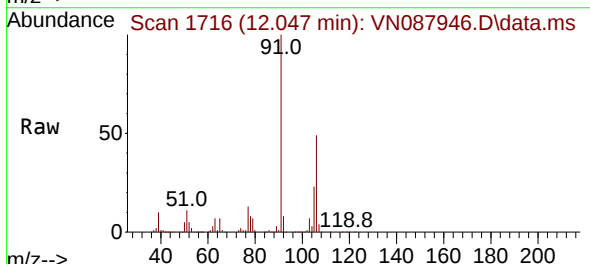
Tgt Ion: 91 Resp: 620739
Ion Ratio Lower Upper
91 100
106 32.5 25.2 37.8

Manual Integrations
APPROVED

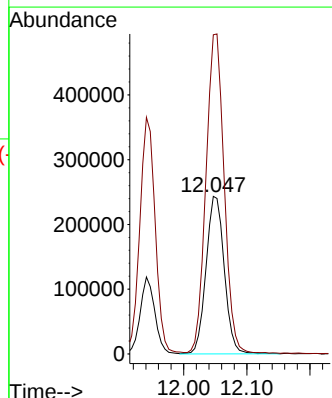
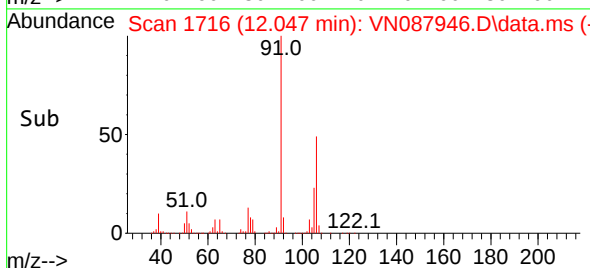
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

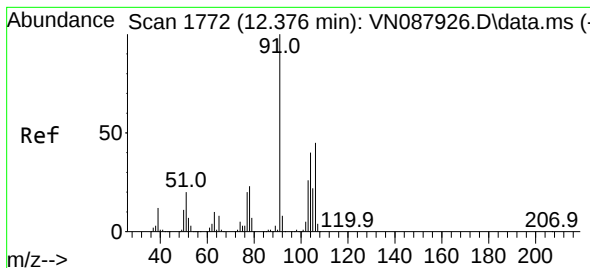


#68
m/p-Xylenes
Concen: 109.529 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



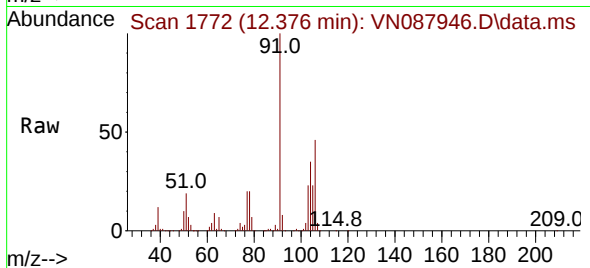
Tgt Ion:106 Resp: 487415
Ion Ratio Lower Upper
106 100
91 202.7 162.9 244.3





#69
o-Xylene
Concen: 55.763 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

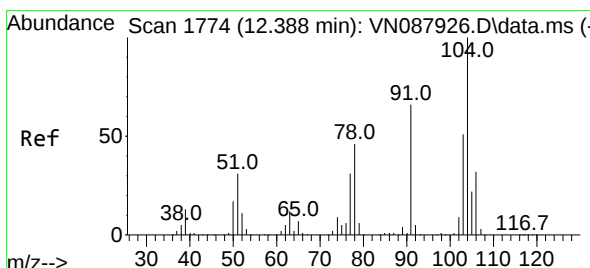
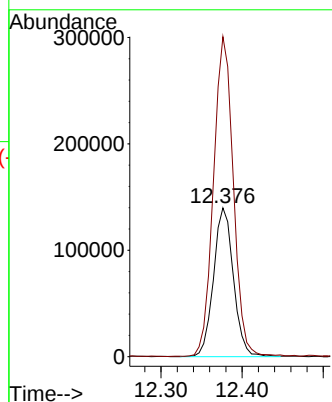
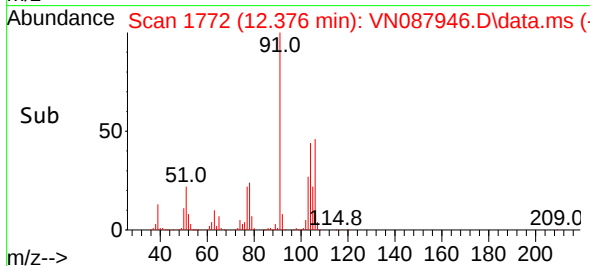
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 238409
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6

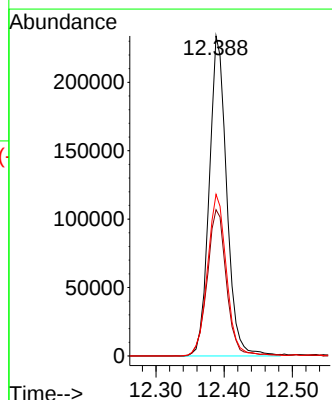
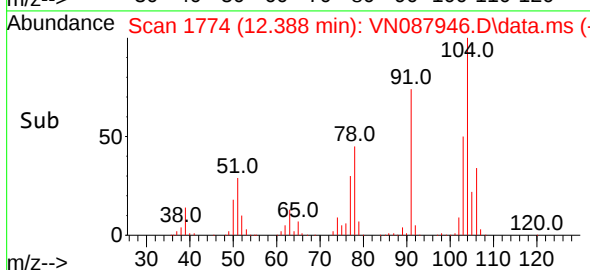
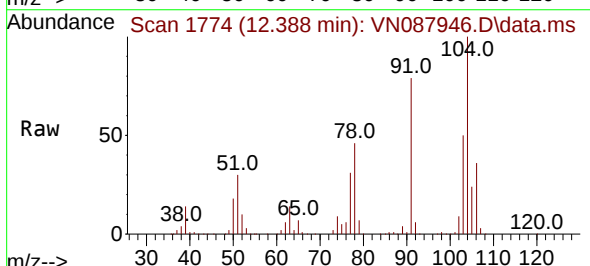
Manual Integrations
APPROVED

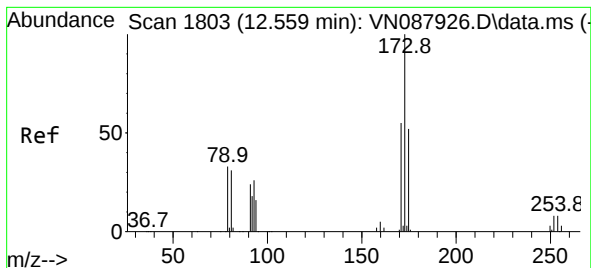
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#70
Styrene
Concen: 56.970 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

Tgt Ion:104 Resp: 418323
Ion Ratio Lower Upper
104 100
78 50.2 39.7 59.5
103 55.1 44.6 67.0





#71

Bromoform

Concen: 66.253 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 13516

Ion Ratio Lower Upper

173 100

175 49.5 23.7 71.1

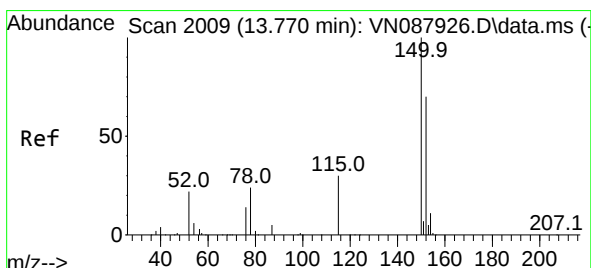
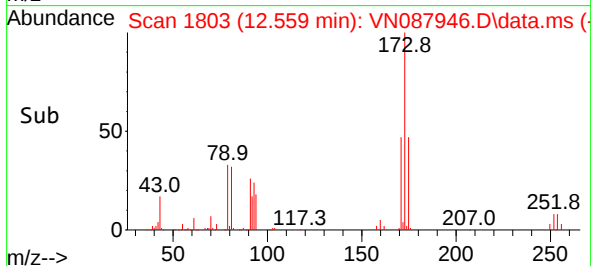
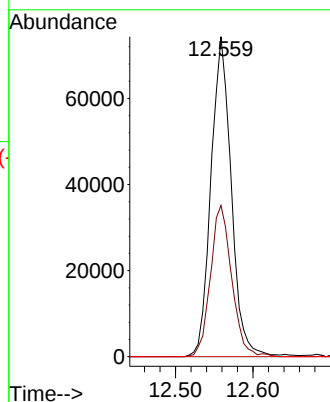
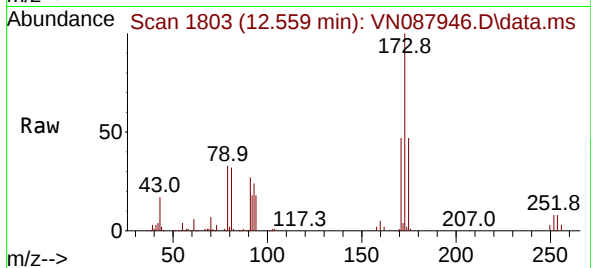
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

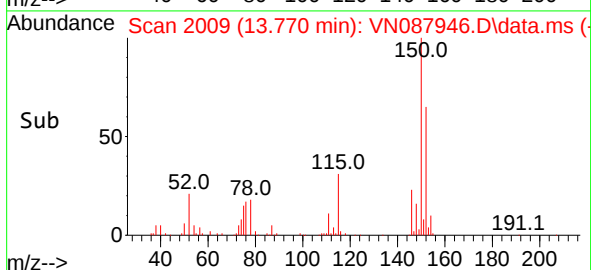
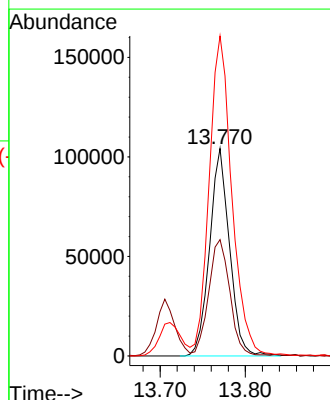
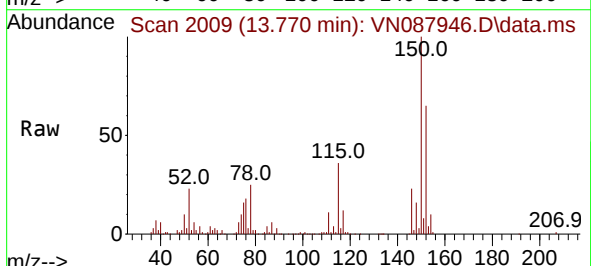
Tgt Ion:152 Resp: 169567

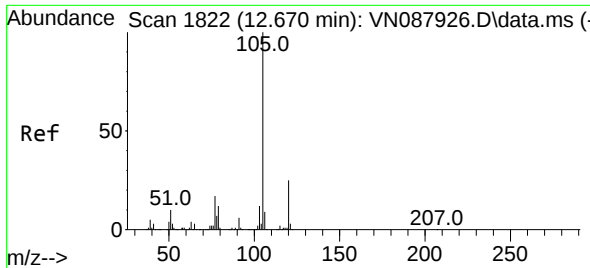
Ion Ratio Lower Upper

152 100

115 58.7 29.9 89.7

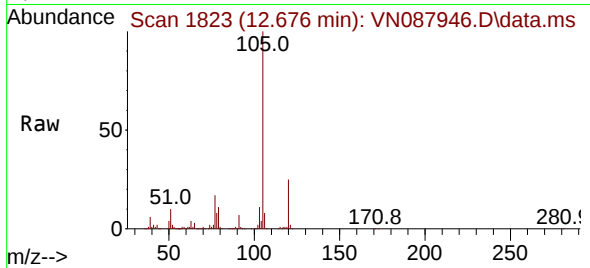
150 174.6 0.0 335.0





#73
Isopropylbenzene
Concen: 55.214 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

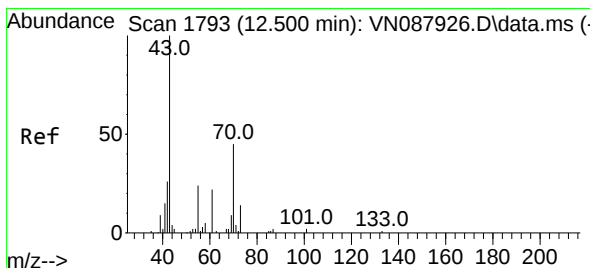
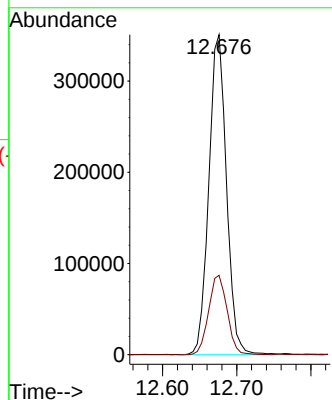
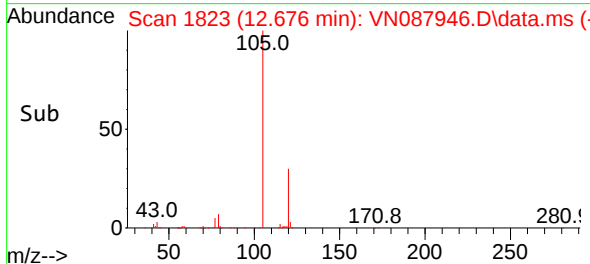
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 58026
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

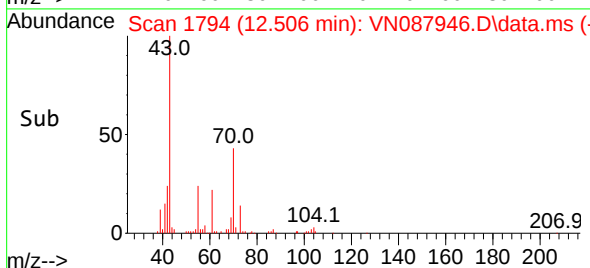
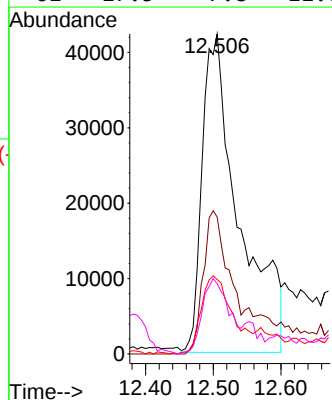
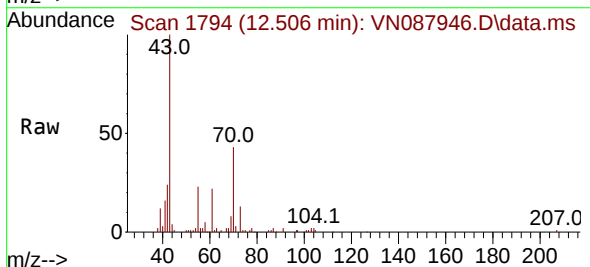
Manual Integrations
APPROVED

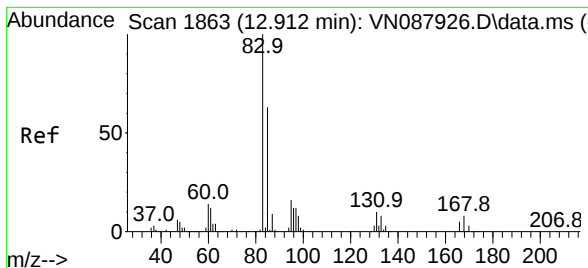
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#74
N-ethyl acetate
Concen: 46.070 ug/l m
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

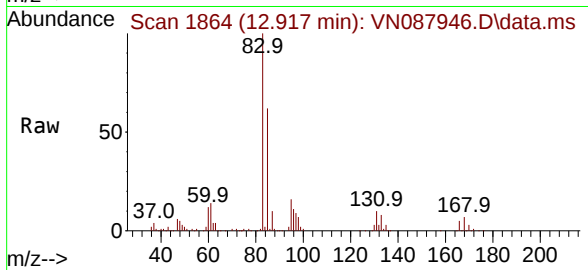
Tgt Ion: 43 Resp: 159528
Ion Ratio Lower Upper
43 100
70 36.1 19.8 29.8#
55 21.0 9.6 14.4#
61 17.5 7.8 11.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 68.560 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

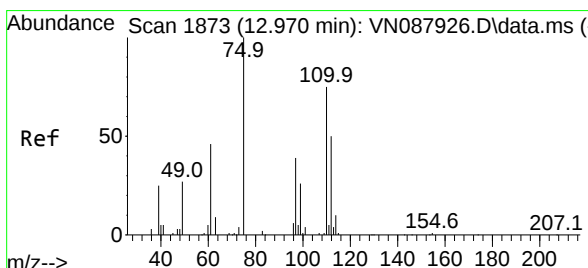
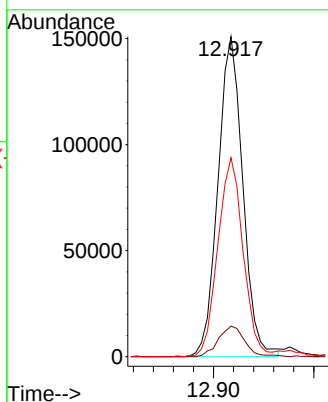
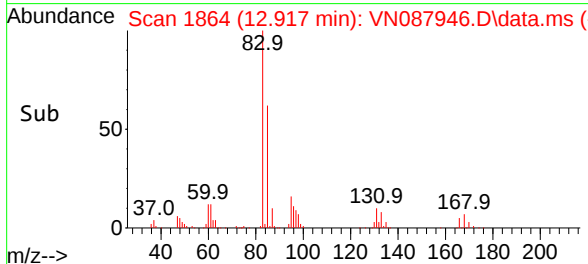
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



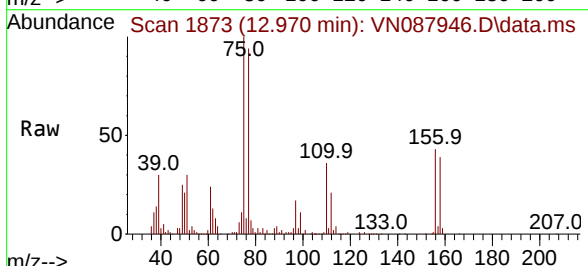
Tgt Ion: 83 Resp: 25960
Ion Ratio Lower Upper
83 100
131 10.1 5.2 15.6
85 63.1 32.4 97.0

Manual Integrations
APPROVED

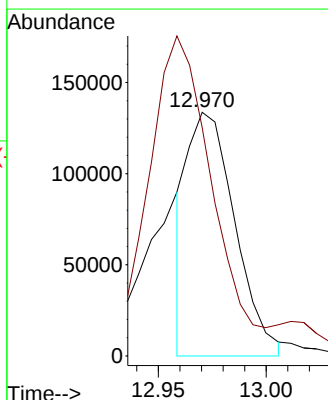
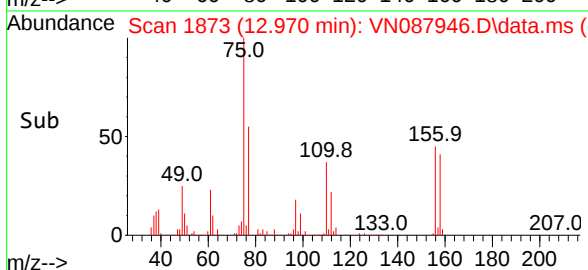
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

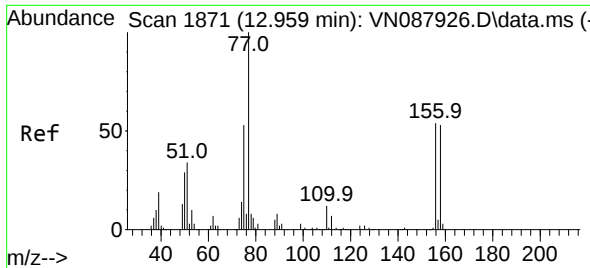


#76
1,2,3-Trichloropropane
Concen: 61.226 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



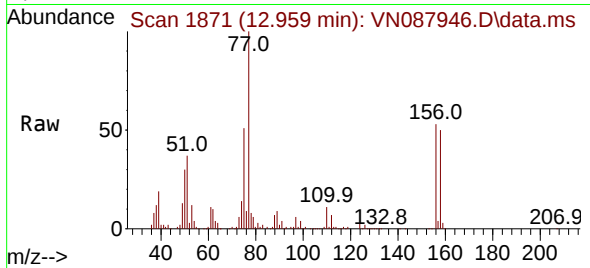
Tgt Ion: 75 Resp: 204651
Ion Ratio Lower Upper
75 100
77 177.1 89.5 268.5





#77
Bromobenzene
Concen: 57.482 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

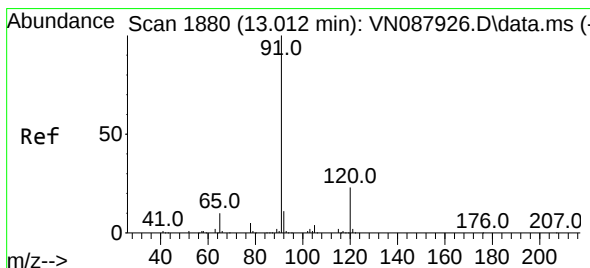
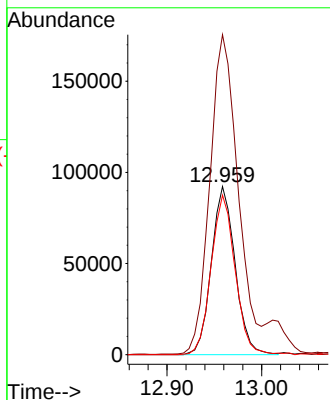
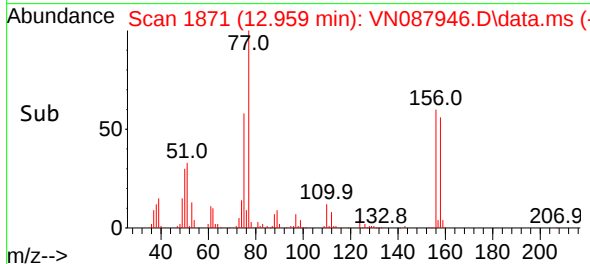
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



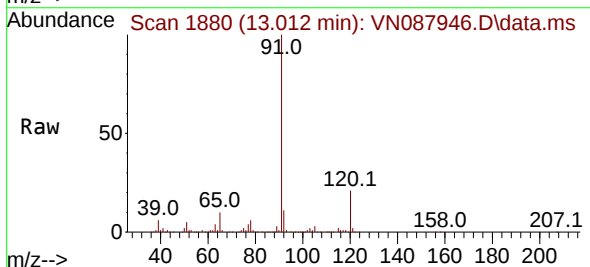
Tgt Ion:156 Resp: 160732
Ion Ratio Lower Upper
156 100
77 225.4 108.2 324.6
158 95.6 49.6 149.0

Manual Integrations
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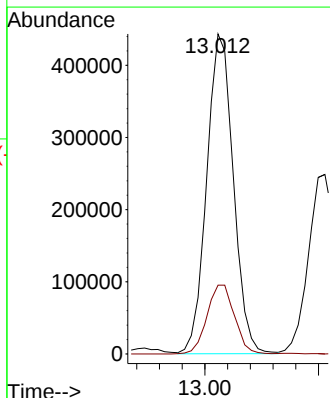
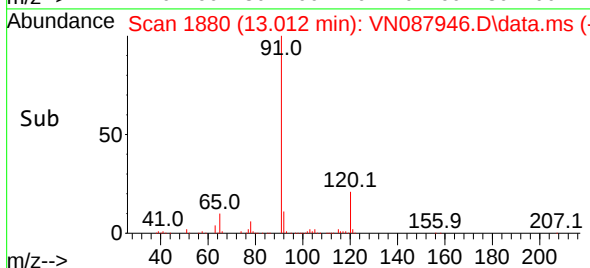
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

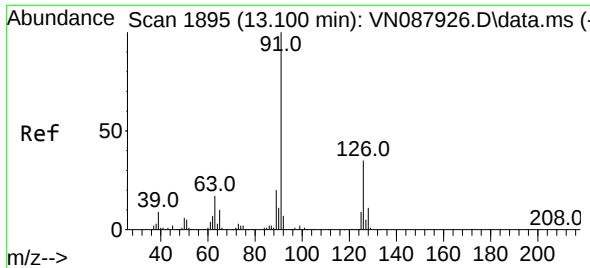


#78
n-propylbenzene
Concen: 54.955 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



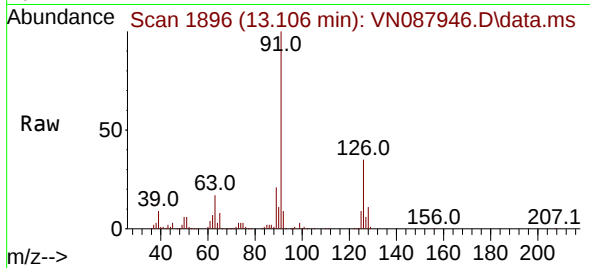
Tgt Ion: 91 Resp: 722071
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.1





#79
2-Chlorotoluene
Concen: 54.282 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

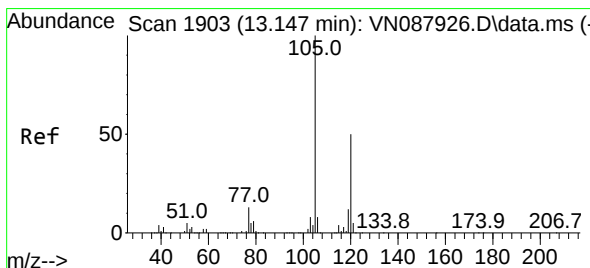
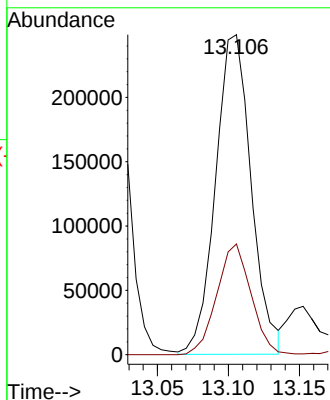
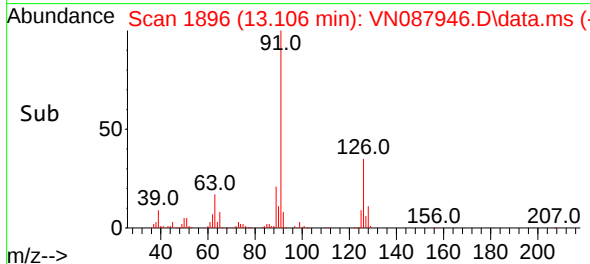
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



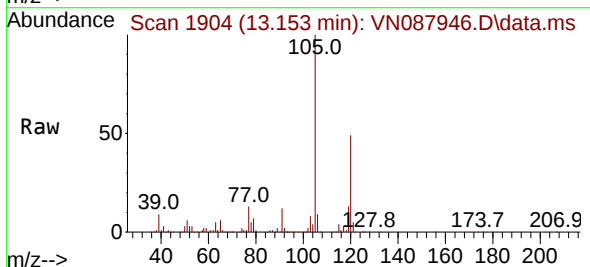
Tgt Ion: 91 Resp: 434278
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.8

Manual Integrations
APPROVED

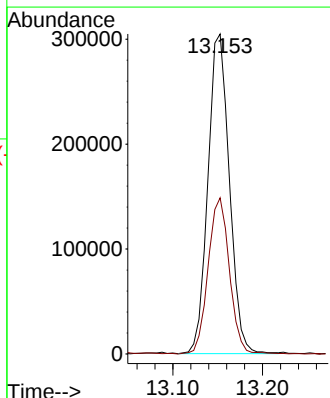
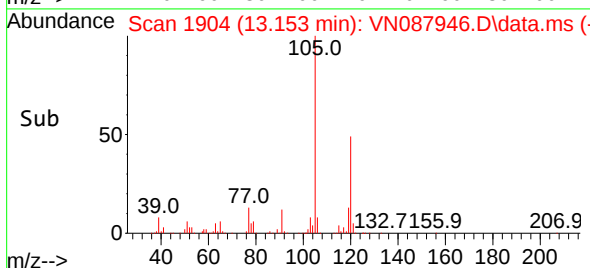
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

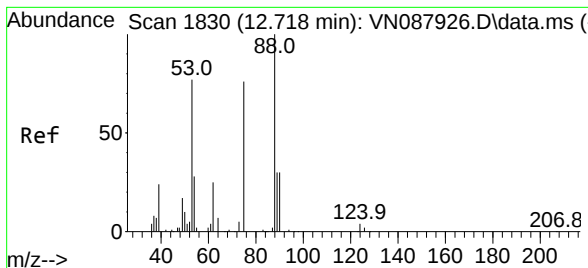


#80
1,3,5-Trimethylbenzene
Concen: 55.560 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



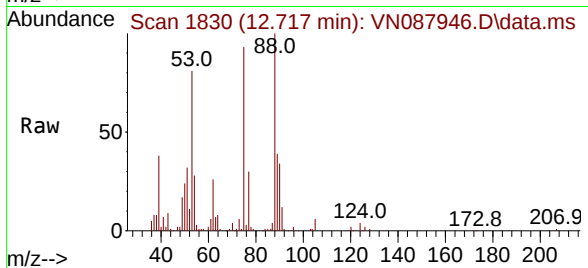
Tgt Ion:105 Resp: 505050
Ion Ratio Lower Upper
105 100
120 48.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 66.525 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

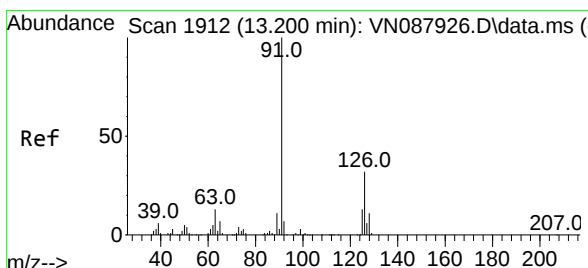
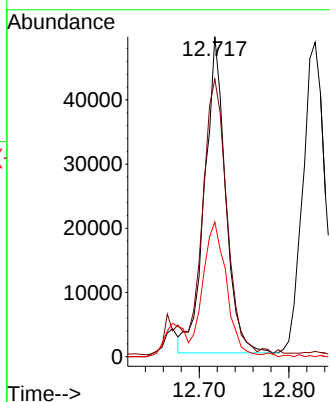
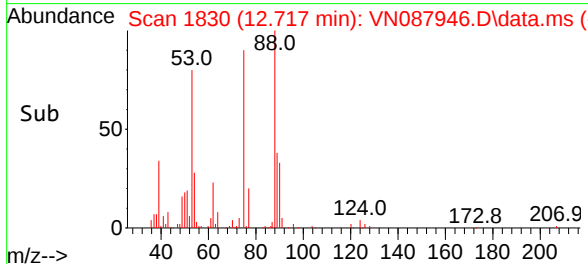
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 8007
Ion Ratio Lower Upper
75 100
53 97.9 82.0 123.0
89 46.3 36.1 54.1

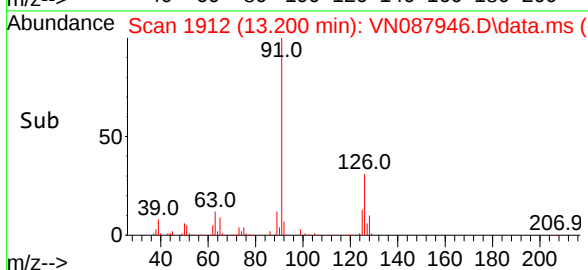
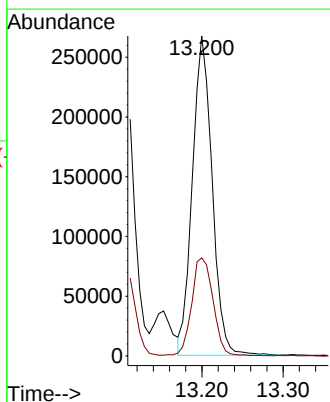
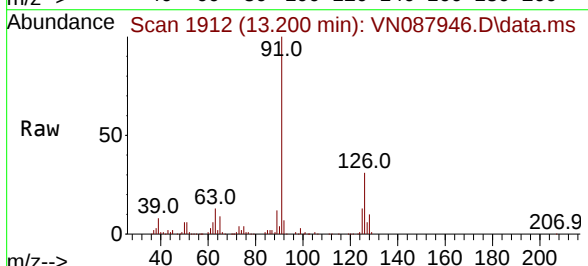
Manual Integrations
APPROVED

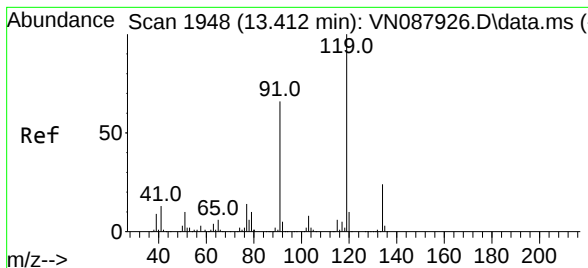
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#82
4-Chlorotoluene
Concen: 56.222 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

Tgt Ion: 91 Resp: 453233
Ion Ratio Lower Upper
91 100
126 33.1 16.9 50.6





#83

tert-Butylbenzene

Concen: 54.927 ug/l

RT: 13.417 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

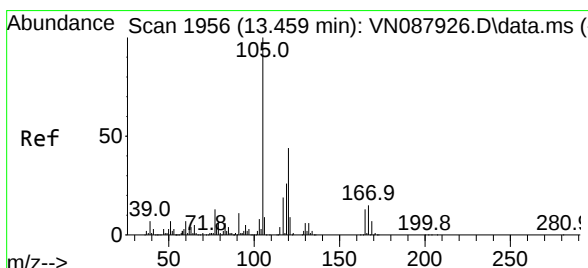
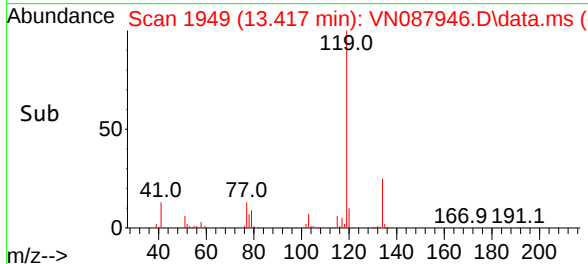
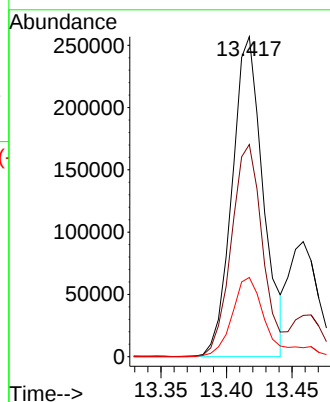
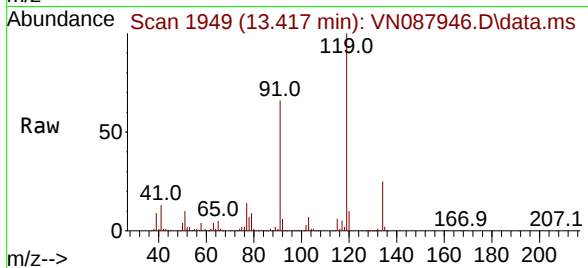
Tgt Ion:	119	Resp:	422610
Ion	Ratio	Lower	Upper
119	100		
91	66.3	32.1	96.3
134	27.6	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#84

1,2,4-Trimethylbenzene

Concen: 56.074 ug/l

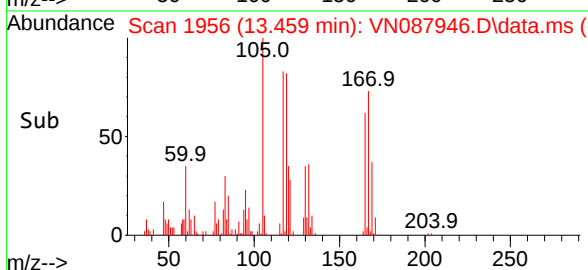
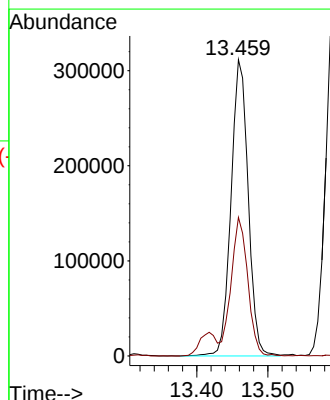
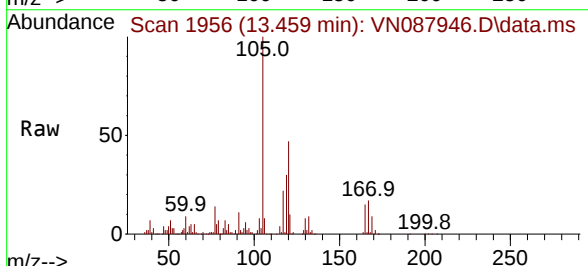
RT: 13.459 min Scan# 1956

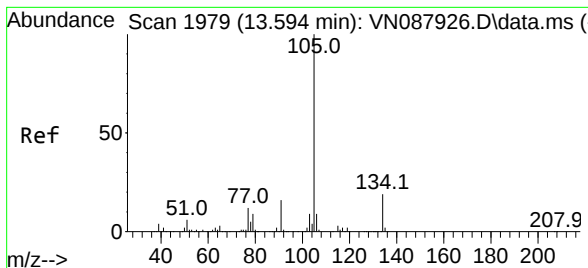
Delta R.T. -0.000 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

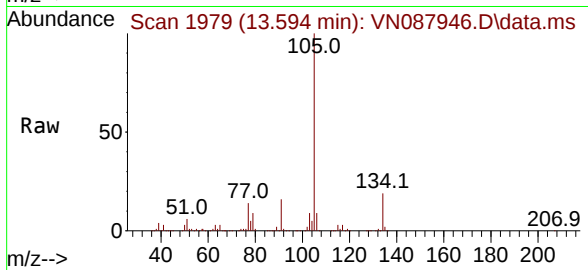
Tgt Ion:	105	Resp:	522828
Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.4	67.3





#85
 sec-Butylbenzene
 Concen: 54.055 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087946.D
 Acq: 24 Sep 2025 15:37

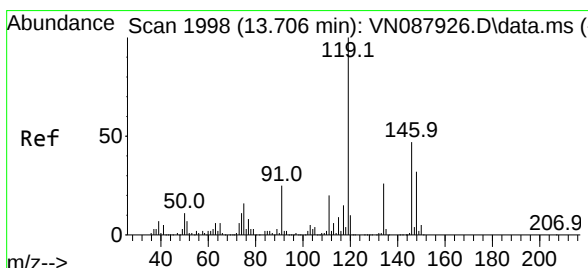
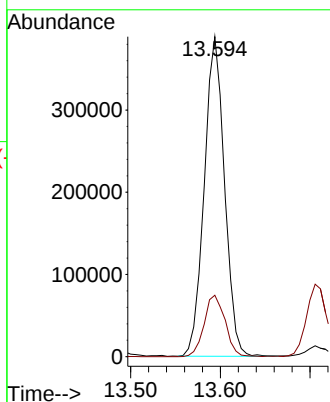
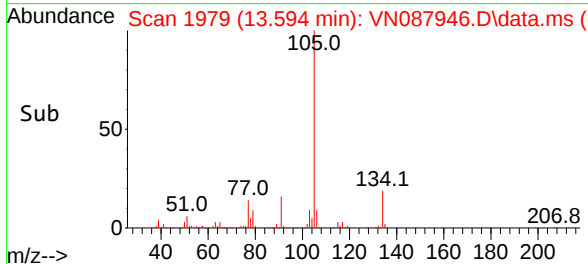
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



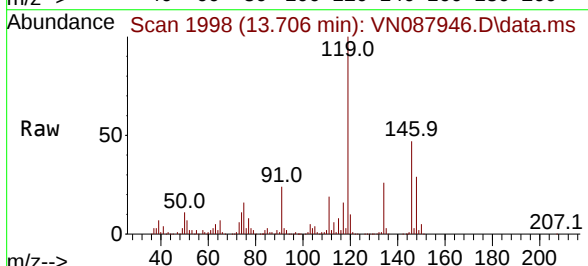
Tgt Ion:105 Resp: 60978
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.8

Manual Integrations
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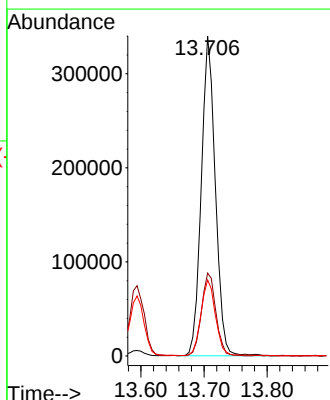
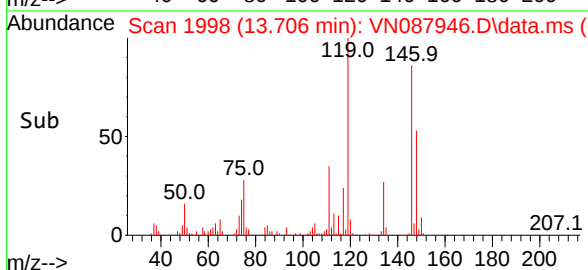
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025

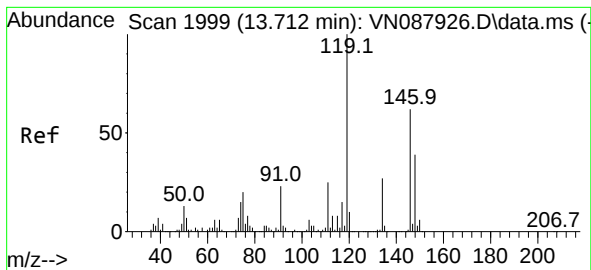


#86
 p-Isopropyltoluene
 Concen: 55.003 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087946.D
 Acq: 24 Sep 2025 15:37



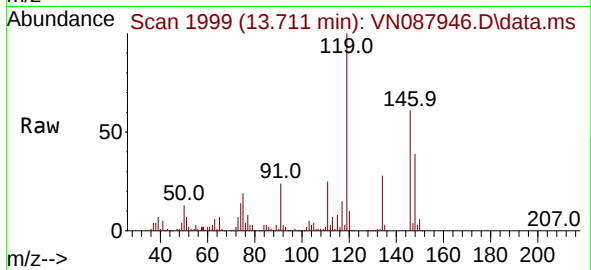
Tgt Ion:119 Resp: 525515
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 24.7 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 55.335 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

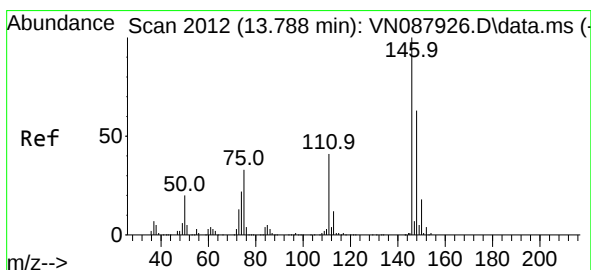
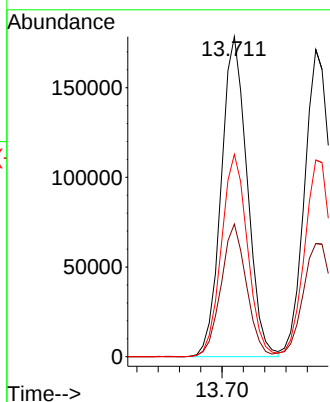
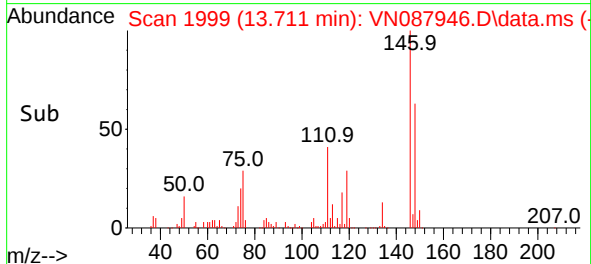
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



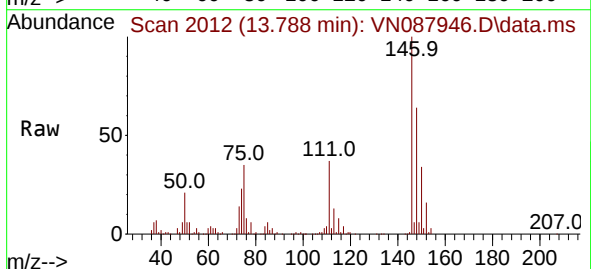
Tgt Ion:146 Resp: 301939
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 63.6 32.4 97.2

Manual Integrations
APPROVED

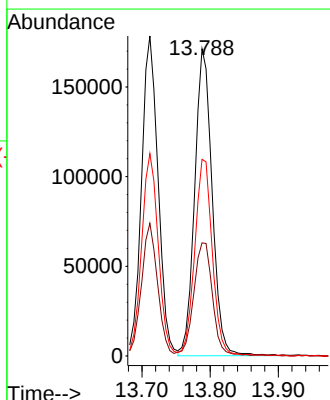
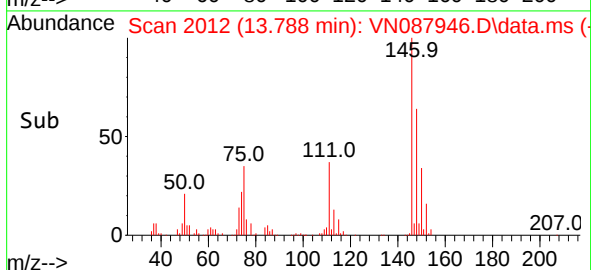
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

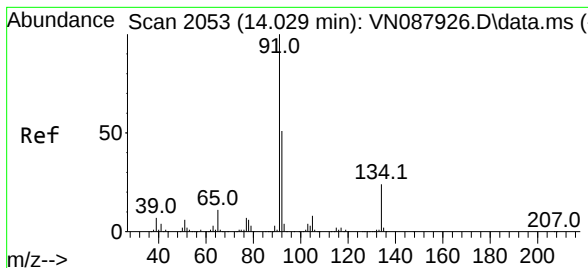


#88
1,4-Dichlorobenzene
Concen: 54.165 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



Tgt Ion:146 Resp: 303738
Ion Ratio Lower Upper
146 100
111 39.0 20.5 61.5
148 64.5 32.8 98.4





#89

n-Butylbenzene

Concen: 54.021 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 48776

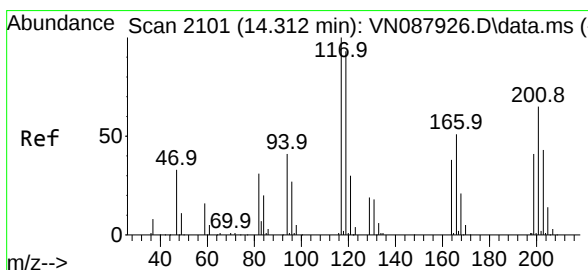
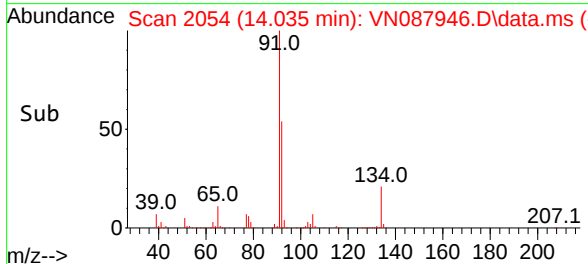
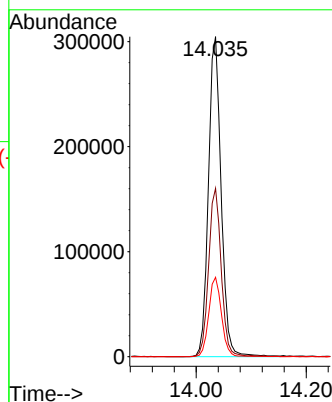
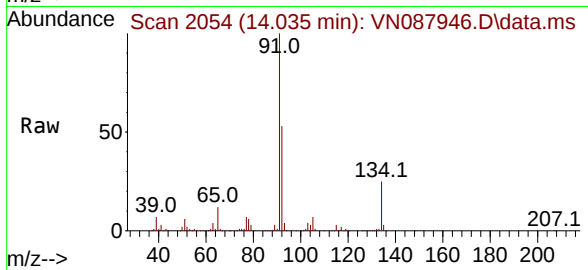
Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.9	77.8
134	24.9	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#90

Hexachloroethane

Concen: 54.033 ug/l

RT: 14.306 min Scan# 2100

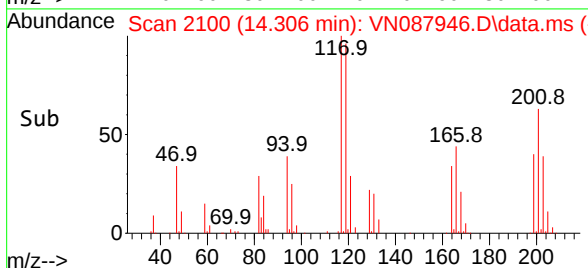
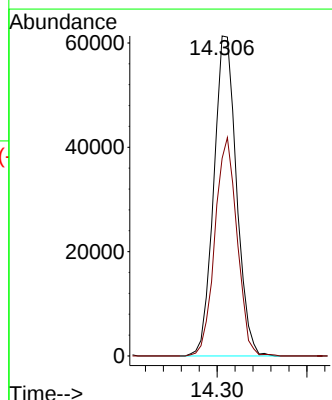
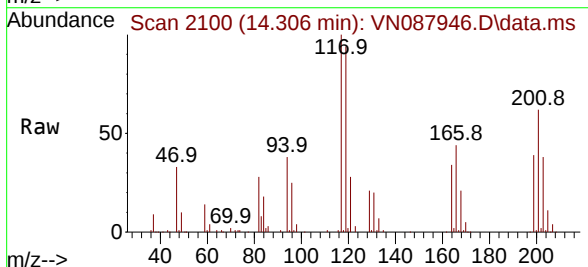
Delta R.T. -0.006 min

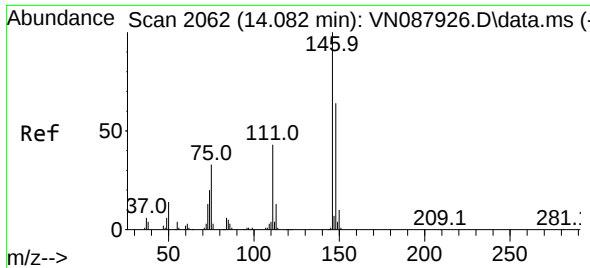
Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

Tgt Ion:117 Resp: 107836

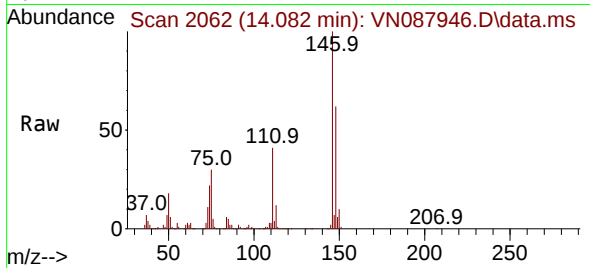
Ion	Ratio	Lower	Upper
117	100		
201	66.5	33.6	100.6





#91
1,2-Dichlorobenzene
Concen: 56.823 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

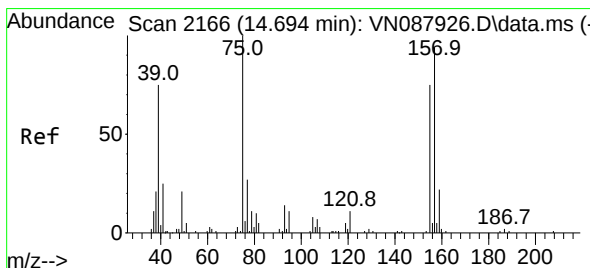
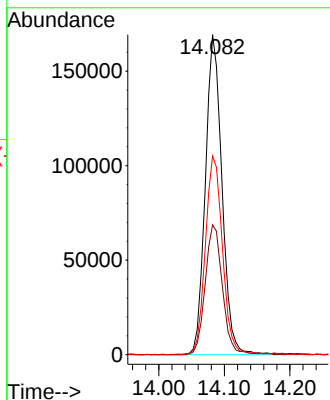
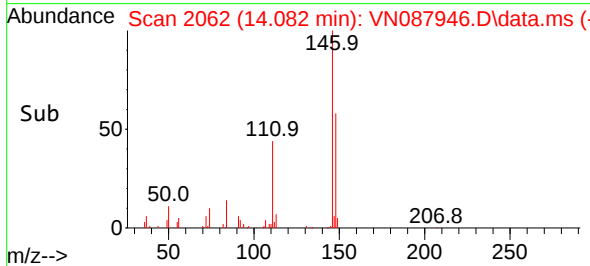
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 298860
Ion Ratio Lower Upper
146 100
111 41.8 20.9 62.7
148 64.0 31.9 95.9

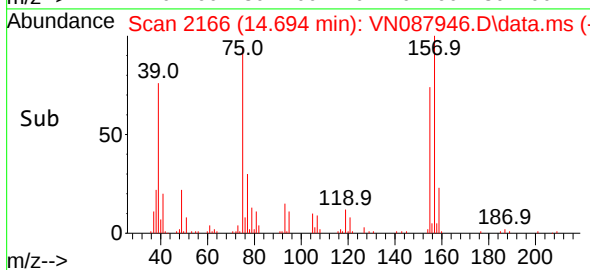
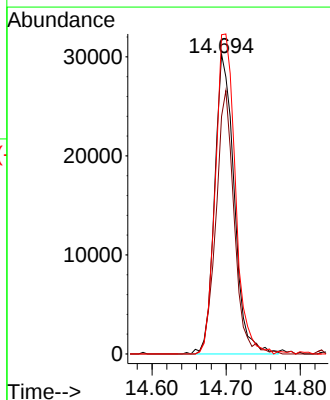
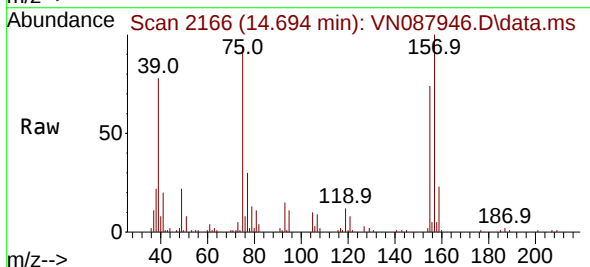
Manual Integrations
APPROVED

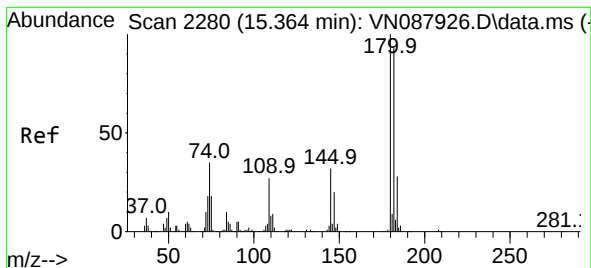
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 63.101 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

Tgt Ion: 75 Resp: 55518
Ion Ratio Lower Upper
75 100
155 81.9 40.2 120.6
157 109.1 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 54.044 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN087946.D

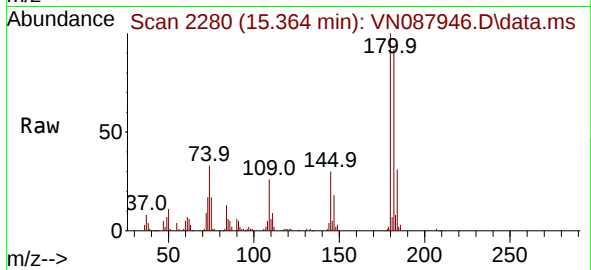
Acq: 24 Sep 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 167830

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.5

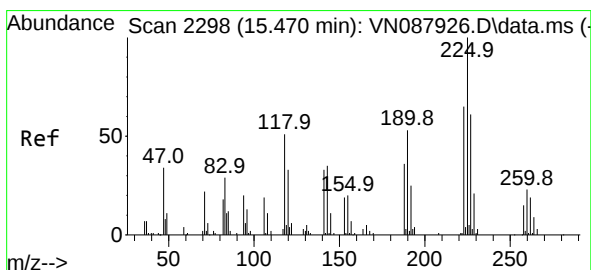
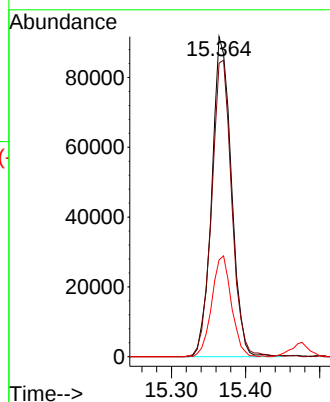
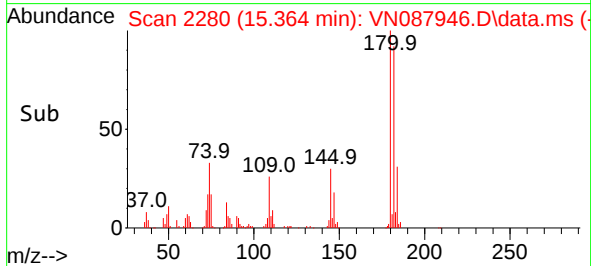
145 31.7 15.9 47.6

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 54.327 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087946.D

Acq: 24 Sep 2025 15:37

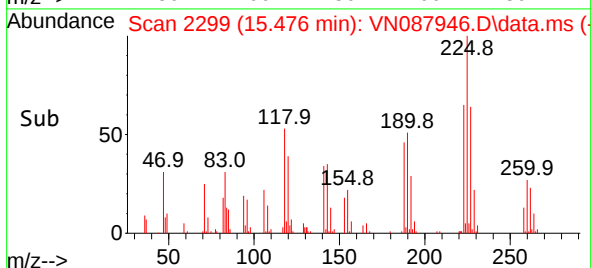
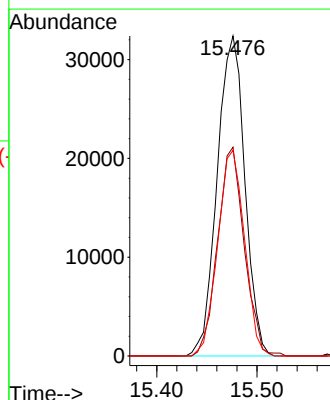
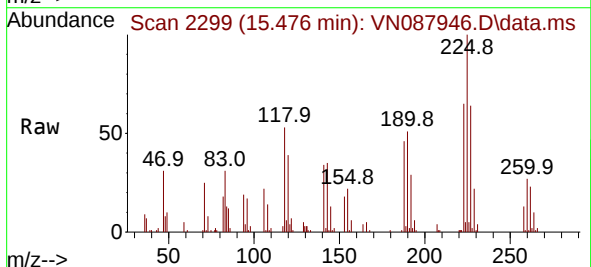
Tgt Ion:225 Resp: 62096

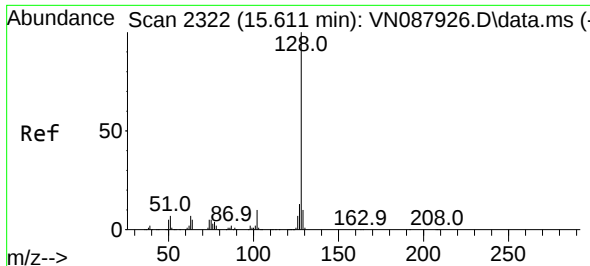
Ion Ratio Lower Upper

225 100

223 62.8 31.8 95.4

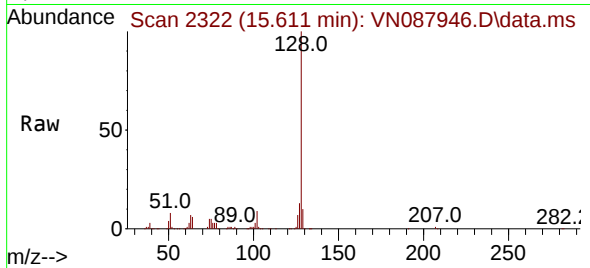
227 62.1 31.9 95.9





#95
Naphthalene
Concen: 62.180 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37

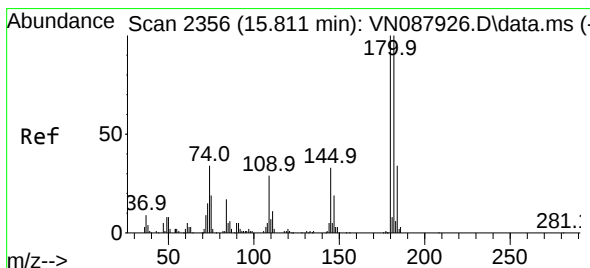
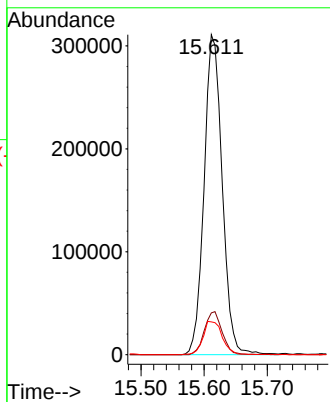
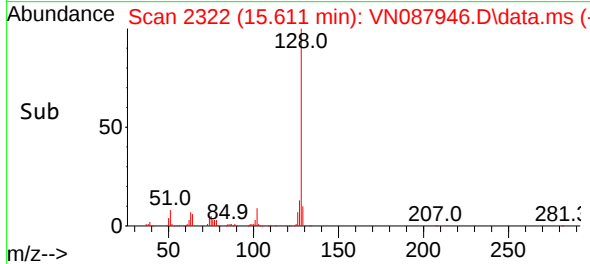
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



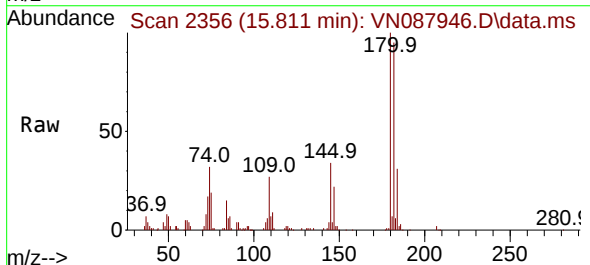
Tgt Ion:128 Resp: 61984
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.1 8.6 13.0

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Supervised By :Mahesh Dadoda 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 56.345 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087946.D
Acq: 24 Sep 2025 15:37



Tgt Ion:180 Resp: 170108
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 33.1 16.1 48.3

