

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087867.D
 Acq On : 16 Sep 2025 21:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 01:31:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	495682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	982608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	916480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	486117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	412815	40.648	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	81.300%		
35) Dibromofluoromethane	8.153	113	334152	47.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.200%		
50) Toluene-d8	10.547	98	1223470	46.076	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.160%		
62) 4-Bromofluorobenzene	12.829	95	459125	48.620	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	173243	24.608	ug/l	99
3) Chloromethane	2.383	50	168512	23.292	ug/l	96
4) Vinyl Chloride	2.536	62	199363	23.766	ug/l	99
5) Bromomethane	2.953	94	109489	25.296	ug/l	99
6) Chloroethane	3.124	64	131458	22.297	ug/l	99
7) Trichlorofluoromethane	3.506	101	316503	25.752	ug/l	96
8) Diethyl Ether	3.959	74	121757	22.748	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	174290	25.062	ug/l	95
10) Methyl Iodide	4.583	142	103922	24.083	ug/l	98
11) Tert butyl alcohol	5.530	59	221159	125.437	ug/l	98
12) 1,1-Dichloroethene	4.330	96	179128	25.065	ug/l	85
13) Acrolein	4.171	56	294504	135.872	ug/l	98
14) Allyl chloride	5.018	41	276038	21.315	ug/l	95
15) Acrylonitrile	5.706	53	589882	118.631	ug/l	98
16) Acetone	4.424	43	518632	93.809	ug/l	100
17) Carbon Disulfide	4.700	76	493322	25.075	ug/l	98
18) Methyl Acetate	5.024	43	287428	24.830	ug/l	95
19) Methyl tert-butyl Ether	5.783	73	651549	24.303	ug/l	97
20) Methylene Chloride	5.259	84	206596	25.220	ug/l	96
21) trans-1,2-Dichloroethene	5.765	96	189855	24.512	ug/l	91
22) Diisopropyl ether	6.659	45	649909	23.255	ug/l	98
23) Vinyl Acetate	6.589	43	2940448	115.647	ug/l	98
24) 1,1-Dichloroethane	6.553	63	355389	23.193	ug/l	99
25) 2-Butanone	7.471	43	825254	113.460	ug/l	97
26) 2,2-Dichloropropane	7.471	77	271292	20.628	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	230654	24.910	ug/l	95
28) Bromochloromethane	7.800	49	157999	21.328	ug/l	90
29) Tetrahydrofuran	7.824	42	536516	114.617	ug/l	95
30) Chloroform	7.947	83	384130	24.560	ug/l	99
31) Cyclohexane	8.235	56	306986	24.032	ug/l	94
32) 1,1,1-Trichloroethane	8.153	97	333251	25.142	ug/l	98
36) 1,1-Dichloropropene	8.353	75	260142	23.902	ug/l	97
37) Ethyl Acetate	7.547	43	323012	21.719	ug/l	96
38) Carbon Tetrachloride	8.347	117	281320	26.180	ug/l	99
39) Methylcyclohexane	9.582	83	306897	25.612	ug/l	94
40) Benzene	8.588	78	805990	24.145	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	167953	21.801	ug/l	92
42) 1,2-Dichloroethane	8.653	62	295383	23.026	ug/l	100
43) Isopropyl Acetate	8.671	43	536313	23.097	ug/l	98
44) Trichloroethene	9.335	130	190738	25.027	ug/l	90
45) 1,2-Dichloropropane	9.600	63	202461	23.009	ug/l	100
46) Dibromomethane	9.688	93	153106	24.452	ug/l	95
47) Bromodichloromethane	9.871	83	311254	24.254	ug/l	96
48) Methyl methacrylate	9.665	41	258197	23.509	ug/l	97
49) 1,4-Dioxane	9.682	88	75617	531.186	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	1644890	117.413	ug/l	98
52) Toluene	10.606	92	512092	24.745	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	322969	24.314	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	326480	23.671	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	199194	24.882	ug/l	97
56) Ethyl methacrylate	10.853	69	332429	25.983	ug/l	95
57) 1,3-Dichloropropane	11.141	76	338676	23.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	801170	115.695	ug/l	95
59) 2-Hexanone	11.176	43	1118137	126.287	ug/l	97
60) Dibromochloromethane	11.335	129	236412	25.486	ug/l	99
61) 1,2-Dibromoethane	11.447	107	211060	25.002	ug/l	97
64) Tetrachloroethene	11.082	164	162361	25.535	ug/l	95
65) Chlorobenzene	11.871	112	575816	25.254	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	202903	26.805	ug/l	98
67) Ethyl Benzene	11.941	91	996726	25.248	ug/l	99
68) m/p-Xylenes	12.053	106	749455	51.765	ug/l	99
69) o-Xylene	12.376	106	365386	25.752	ug/l	98
70) Styrene	12.388	104	631154	26.552	ug/l	98
71) Bromoform	12.559	173	162327	27.962	ug/l #	98
73) Isopropylbenzene	12.676	105	955700	24.330	ug/l	99
74) N-amyl acetate	12.500	43	365669m	24.564	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	309553	22.889	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	244314m	21.432	ug/l	
77) Bromobenzene	12.959	156	231036	24.945	ug/l	89
78) n-propylbenzene	13.012	91	1166899	24.117	ug/l	97
79) 2-Chlorotoluene	13.100	91	681507	23.406	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	807964	24.246	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	97962	22.750	ug/l #	82
82) 4-Chlorotoluene	13.200	91	711080	23.227	ug/l	96
83) tert-Butylbenzene	13.417	119	704499	25.370	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	818115	24.525	ug/l	98
85) sec-Butylbenzene	13.594	105	1023425	24.835	ug/l	99
86) p-Isopropyltoluene	13.706	119	863549	25.378	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	442356	24.253	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	449588	23.686	ug/l	98
89) n-Butylbenzene	14.035	91	812456	24.041	ug/l	98
90) Hexachloroethane	14.306	117	162837	25.118	ug/l	90
91) 1,2-Dichlorobenzene	14.082	146	423927	24.499	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	72554	22.584	ug/l	90
93) 1,2,4-Trichlorobenzene	15.364	180	261847	25.200	ug/l	98
94) Hexachlorobutadiene	15.476	225	89613	24.191	ug/l	98
95) Naphthalene	15.611	128	918100	24.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	250608	24.671	ug/l	98

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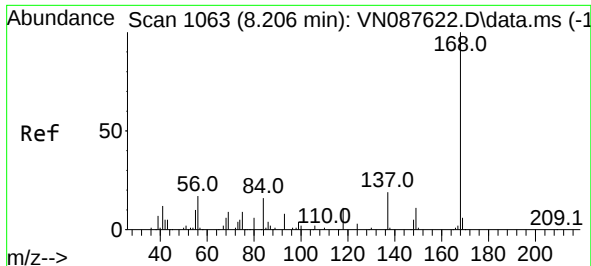
Manual Integrations
APPROVED

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

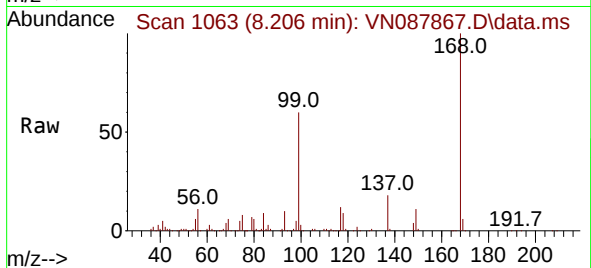
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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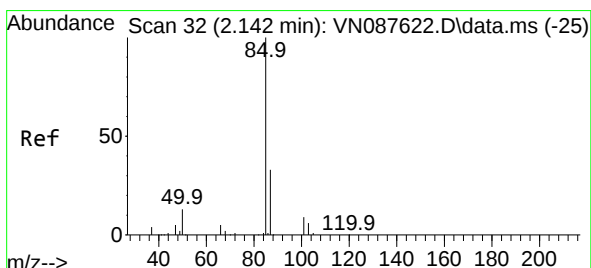
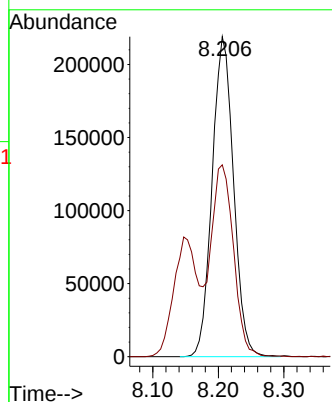
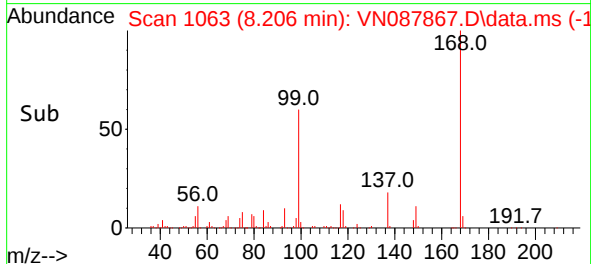
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 49568
Ion Ratio Lower Upper
168 100
99 59.8 57.2 85.8

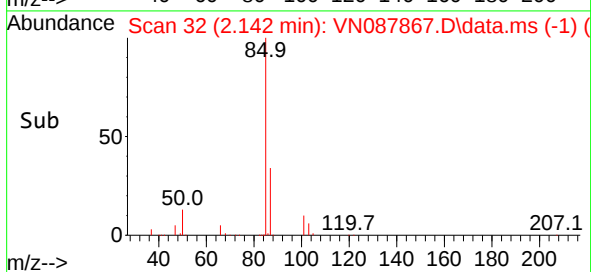
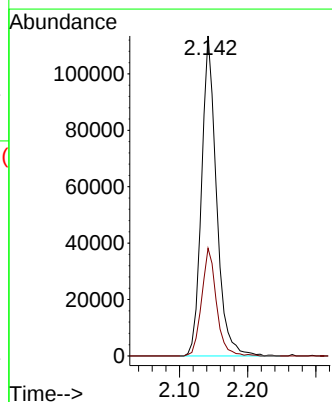
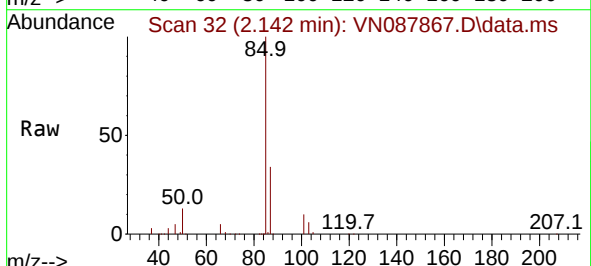
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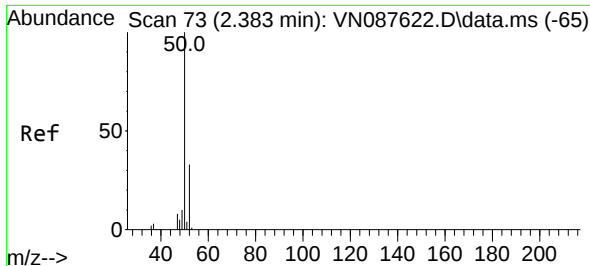
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#2
Dichlorodifluoromethane
Concen: 24.608 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

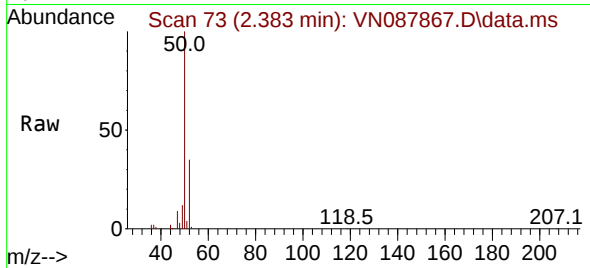
Tgt Ion: 85 Resp: 173243
Ion Ratio Lower Upper
85 100
87 33.6 16.6 49.8





#3
Chloromethane
Concen: 23.292 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

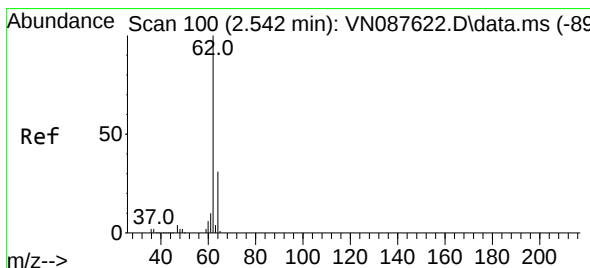
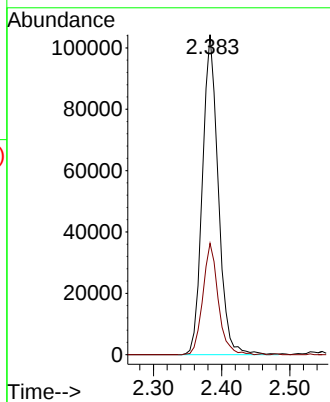
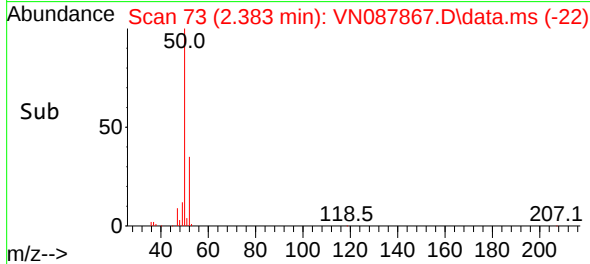
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Tgt Ion: 50 Resp: 168512
Ion Ratio Lower Upper
50 100
52 34.8 26.2 39.4

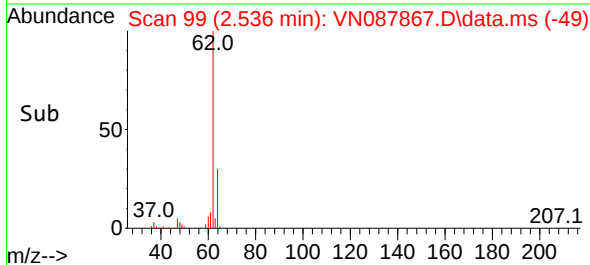
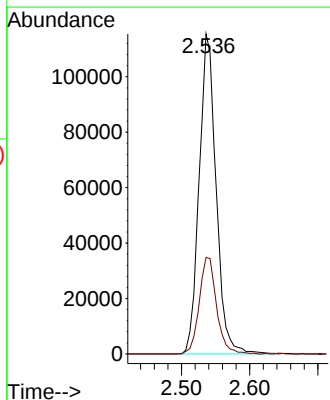
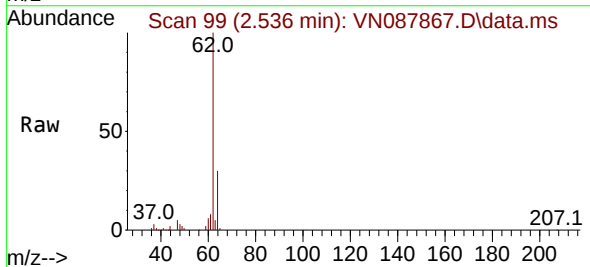
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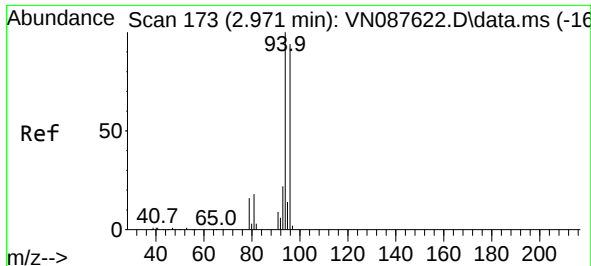
Reviewed By :John Carlone 09/17/2025
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#4
Vinyl Chloride
Concen: 23.766 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087867.D
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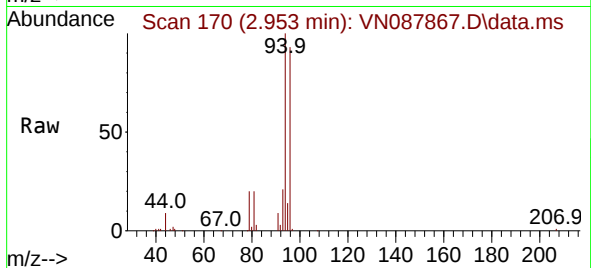
Tgt Ion: 62 Resp: 199363
Ion Ratio Lower Upper
62 100
64 30.1 24.6 37.0





#5
Bromomethane
Concen: 25.296 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087867.D
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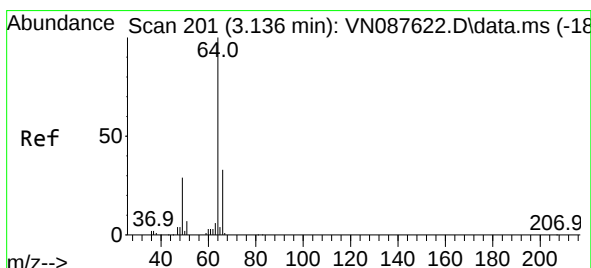
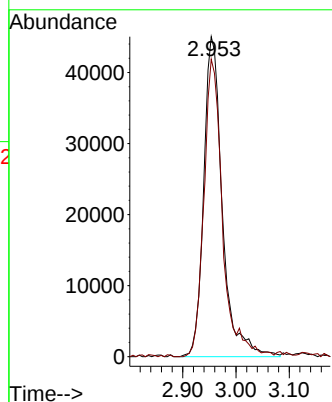
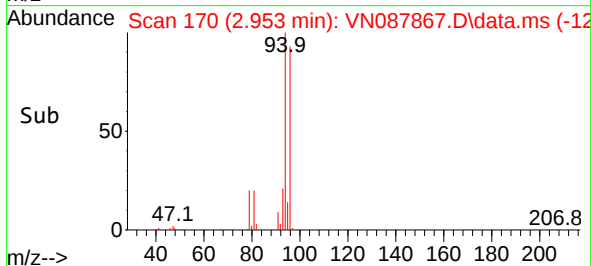
Instrument :
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Tgt Ion: 94 Resp: 109489
Ion Ratio Lower Upper
94 100
96 93.0 75.4 113.2

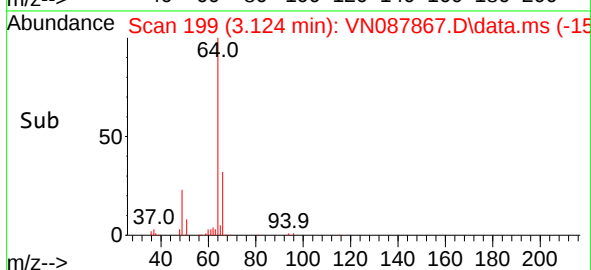
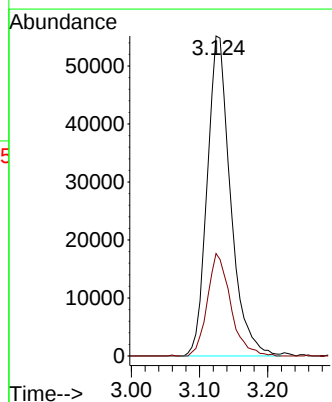
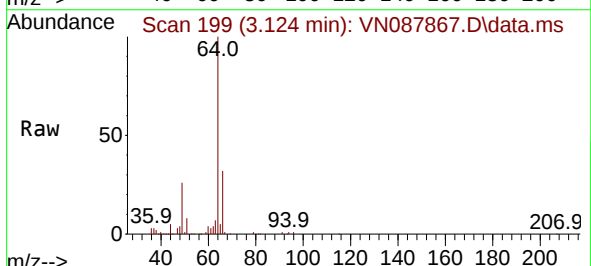
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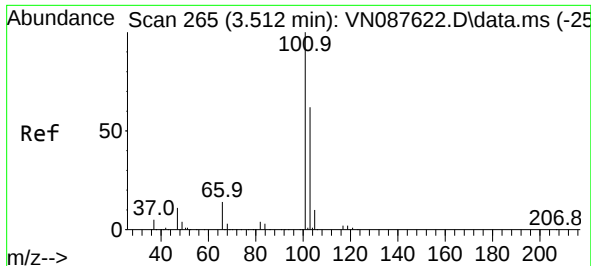
Reviewed By :John Carlone 09/17/2025
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#6
Chloroethane
Concen: 22.297 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.012 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Tgt Ion: 64 Resp: 131458
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.2





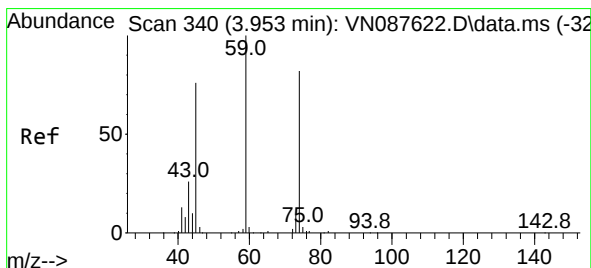
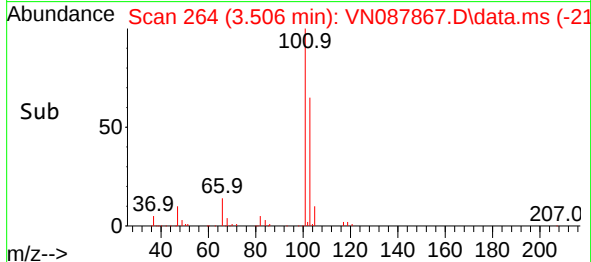
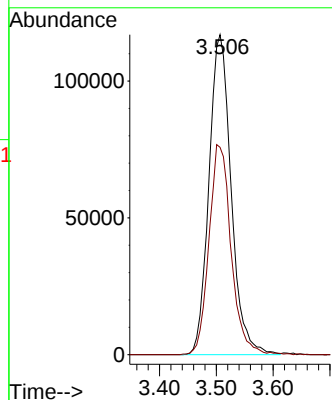
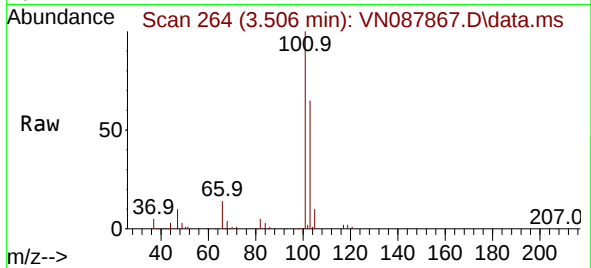
#7
Trichlorofluoromethane
Concen: 25.752 ug/l
RT: 3.506 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 31650
Ion Ratio Lower Upper
101 100
103 64.8 49.4 74.0

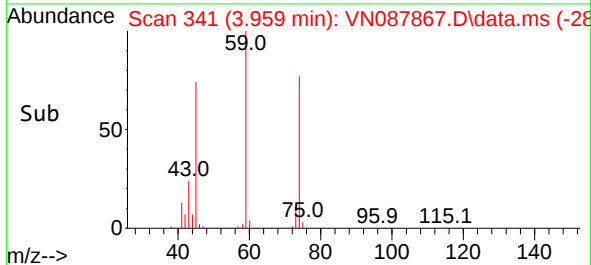
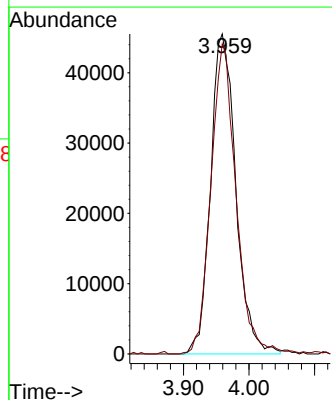
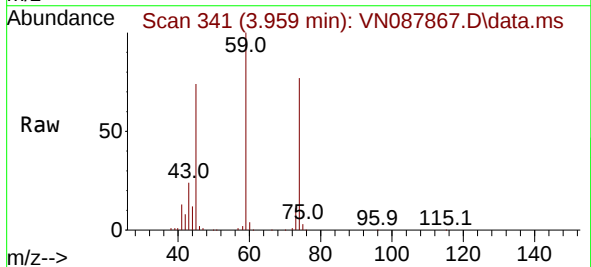
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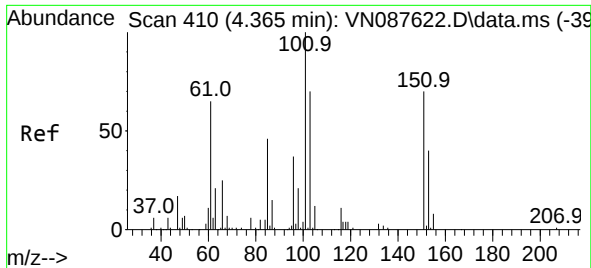
Reviewed By :John Carlone 09/17/2025
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#8
Diethyl Ether
Concen: 22.748 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Tgt Ion: 74 Resp: 121757
Ion Ratio Lower Upper
74 100
45 96.5 50.6 151.9





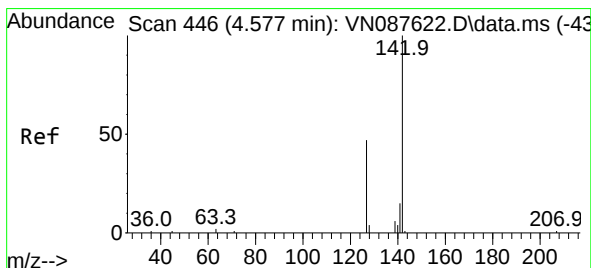
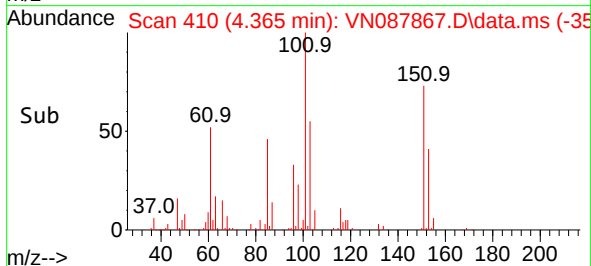
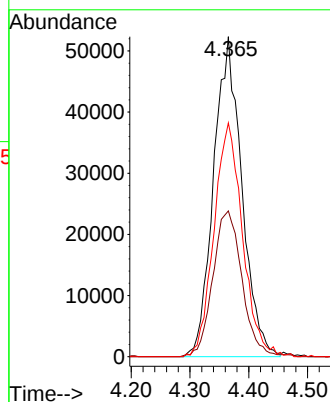
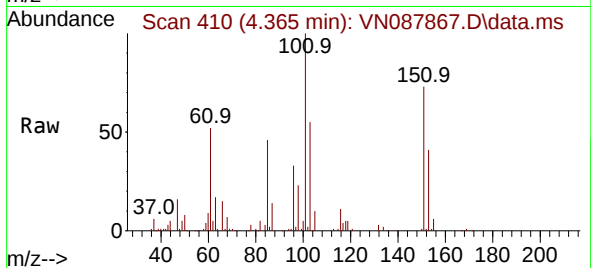
#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.062 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 174290
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 74.0 54.7 82.1

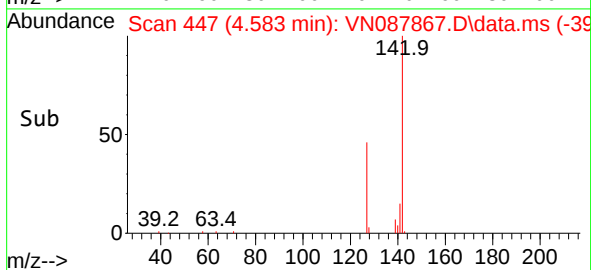
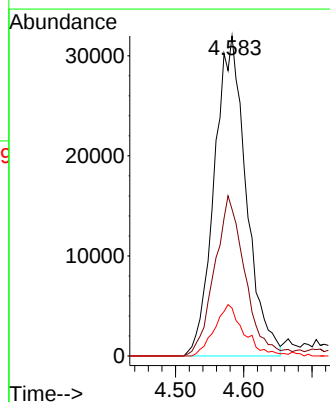
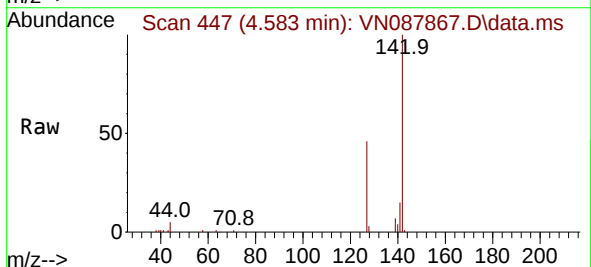
Manual Integrations
APPROVED

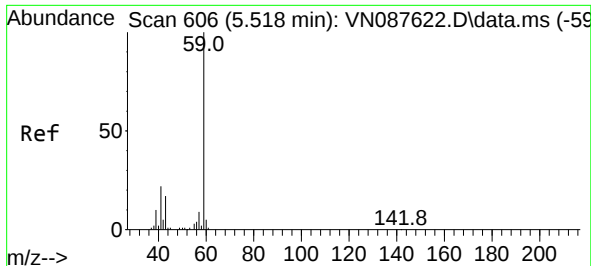
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#10
Methyl Iodide
Concen: 24.083 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

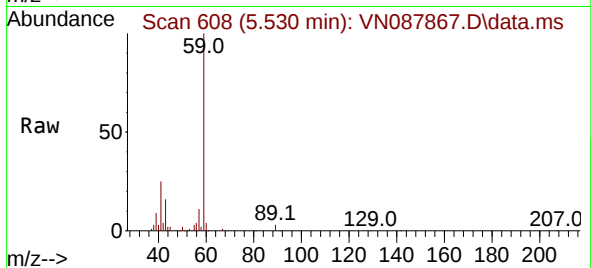
Tgt Ion:142 Resp: 103922
Ion Ratio Lower Upper
142 100
127 45.8 38.0 57.0
141 14.9 12.0 18.0





#11
Tert butyl alcohol
Concen: 125.437 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

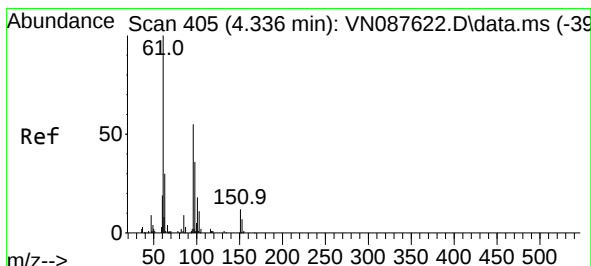
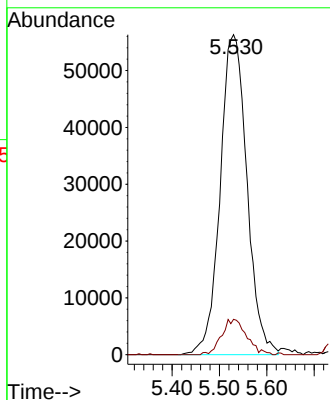
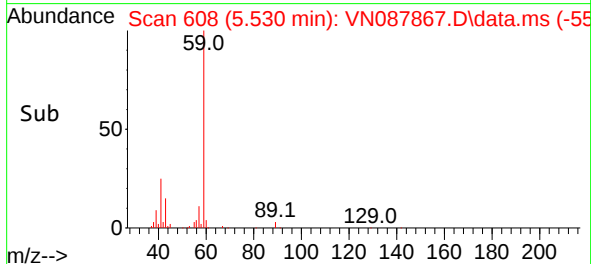
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



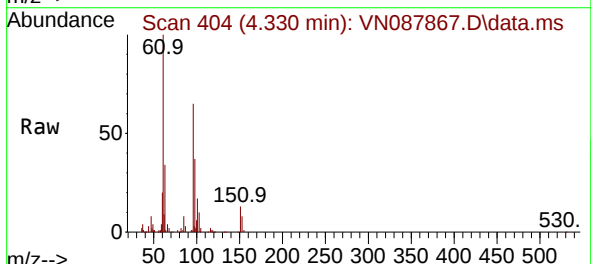
Tgt Ion: 59 Resp: 221159
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.4

Manual Integrations
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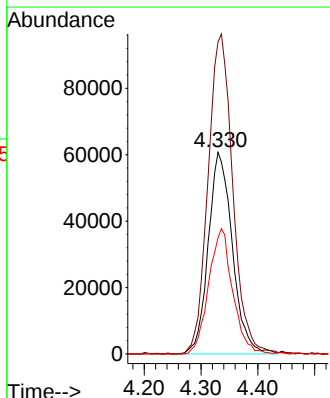
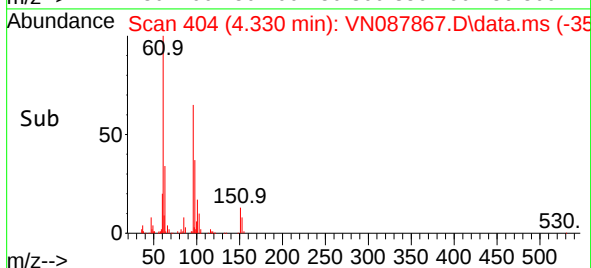
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

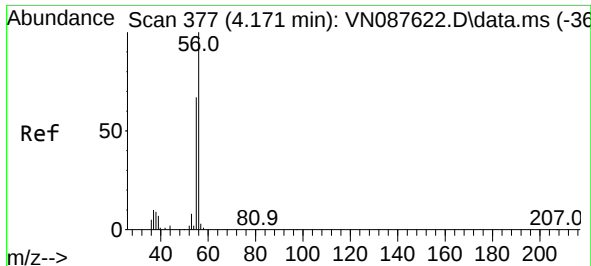


#12
1,1-Dichloroethene
Concen: 25.065 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



Tgt Ion: 96 Resp: 179128
Ion Ratio Lower Upper
96 100
61 154.7 143.8 215.8
98 57.7 52.1 78.1





#13

Acrolein

Concen: 135.872 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 294504

Ion Ratio Lower Upper

56 100

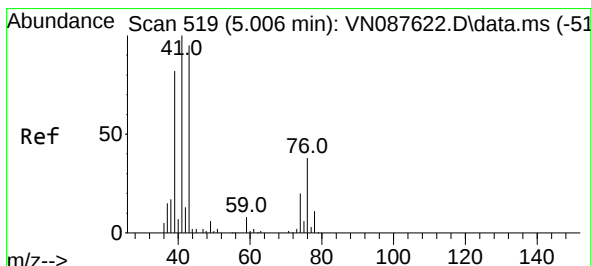
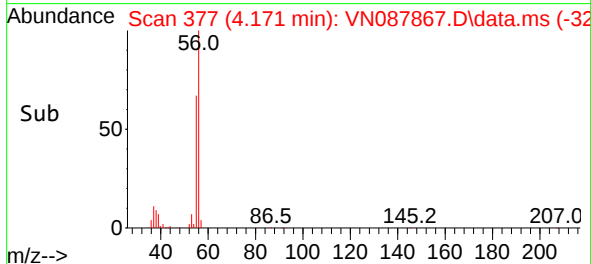
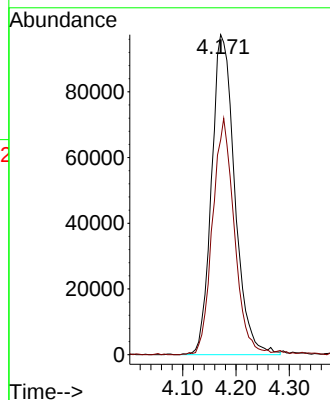
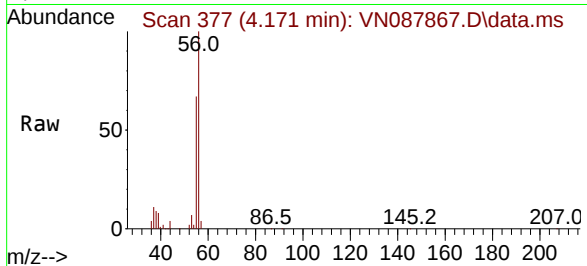
55 69.6 57.3 85.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#14

Allyl chloride

Concen: 21.315 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.012 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

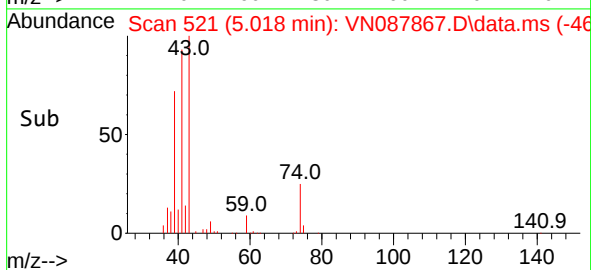
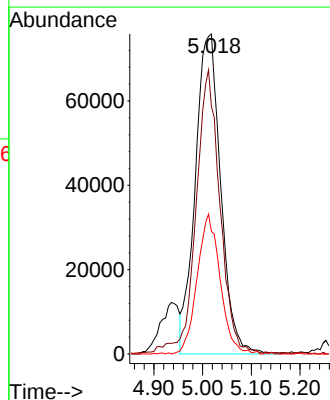
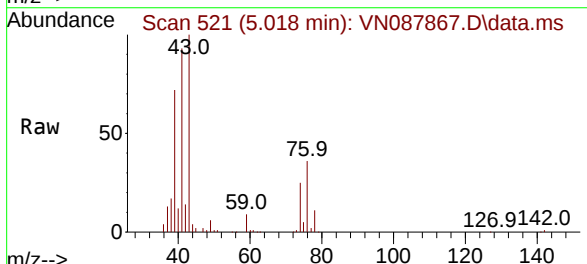
Tgt Ion: 41 Resp: 276038

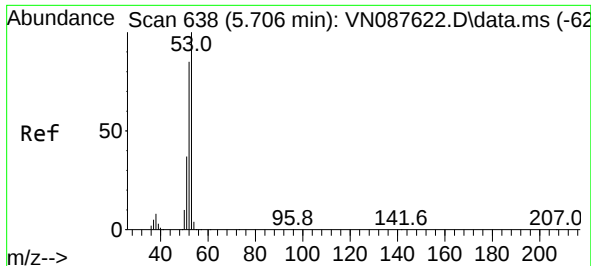
Ion Ratio Lower Upper

41 100

39 83.8 63.9 95.9

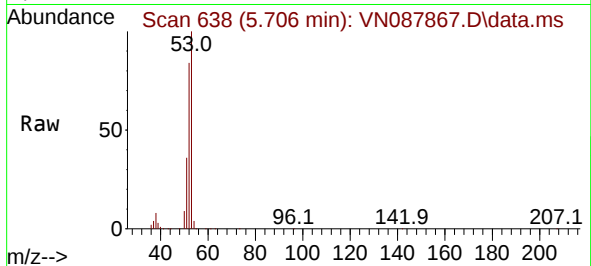
76 39.4 28.1 42.1





#15
Acrylonitrile
Concen: 118.631 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

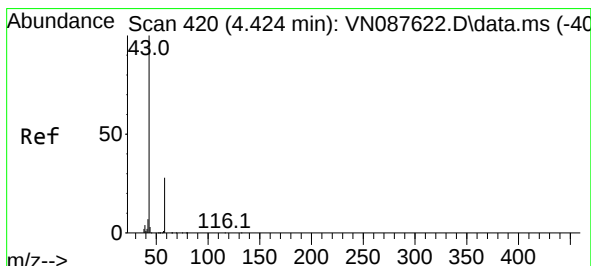
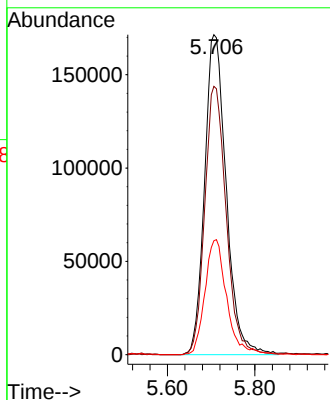
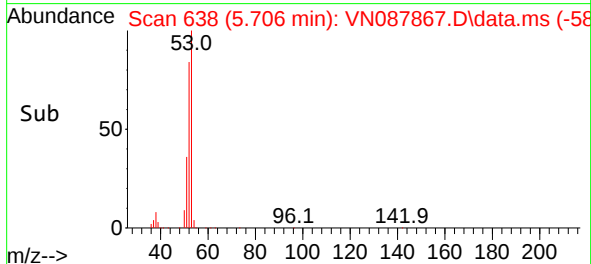
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 58988
Ion Ratio Lower Upper
53 100
52 82.9 67.6 101.4
51 36.2 30.1 45.1

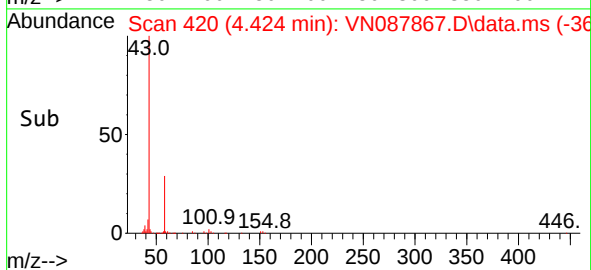
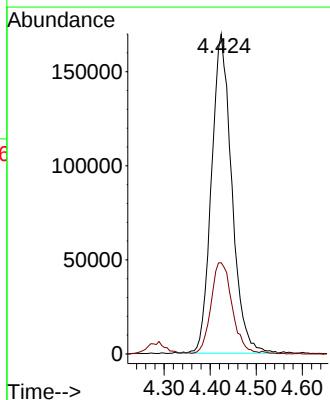
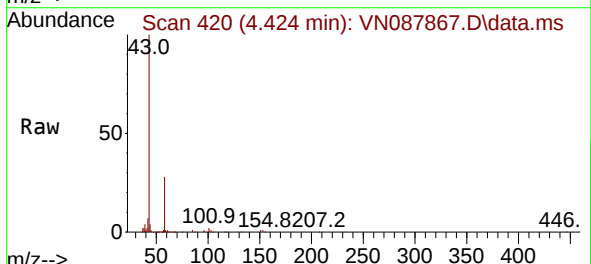
Manual Integrations
APPROVED

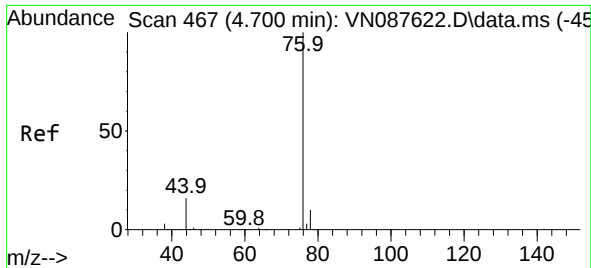
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#16
Acetone
Concen: 93.809 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

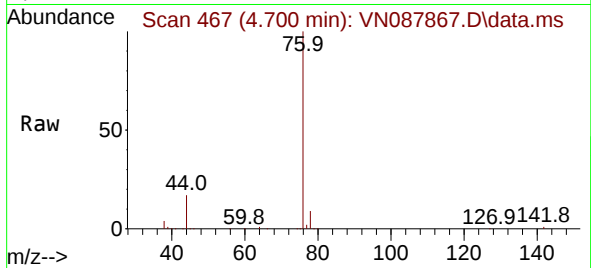
Tgt Ion: 43 Resp: 518632
Ion Ratio Lower Upper
43 100
58 28.4 22.6 33.8





#17
Carbon Disulfide
Concen: 25.075 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

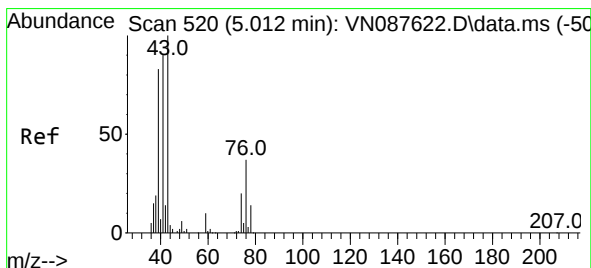
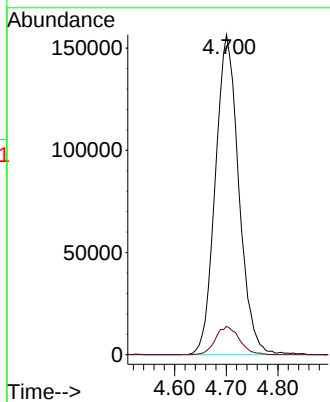
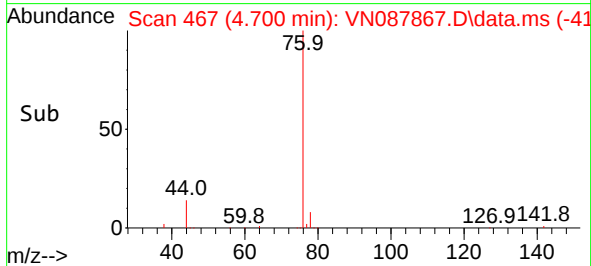
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 49332
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

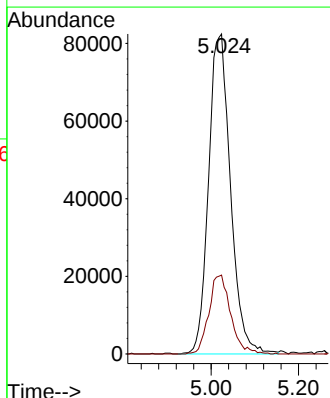
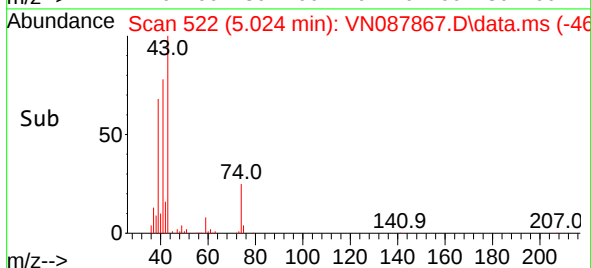
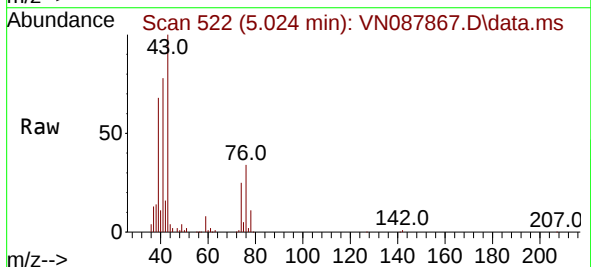
Manual Integrations
APPROVED

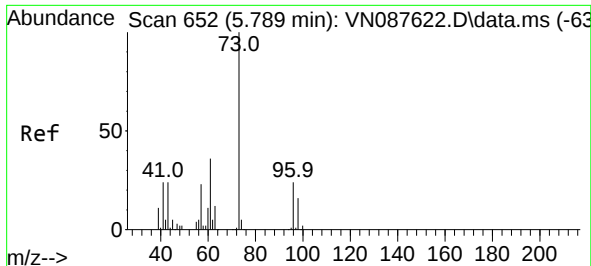
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#18
Methyl Acetate
Concen: 24.830 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Tgt Ion: 43 Resp: 287428
Ion Ratio Lower Upper
43 100
74 24.5 17.6 26.4





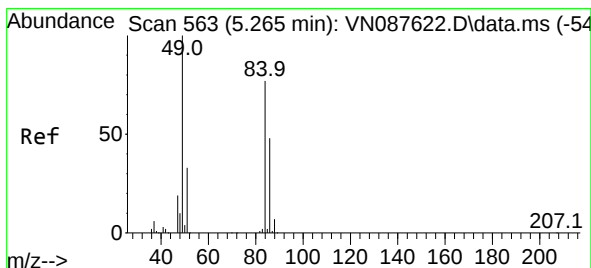
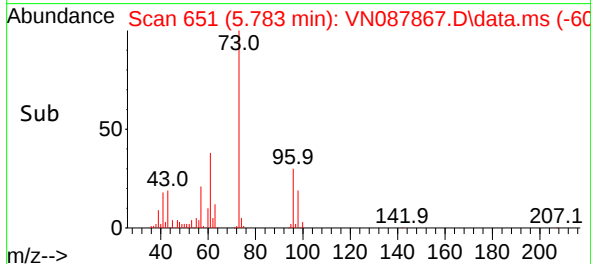
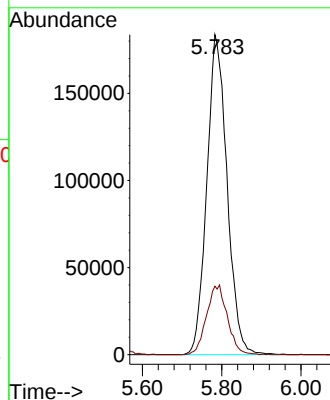
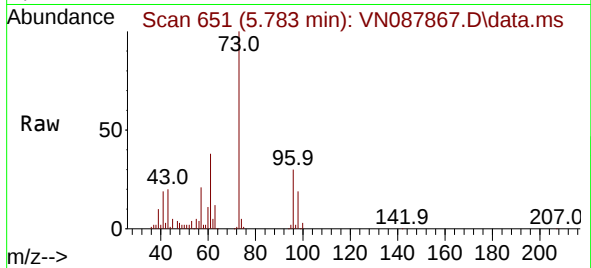
#19
Methyl tert-butyl Ether
Concen: 24.303 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 651549
Ion Ratio Lower Upper
73 100
57 21.4 18.4 27.6

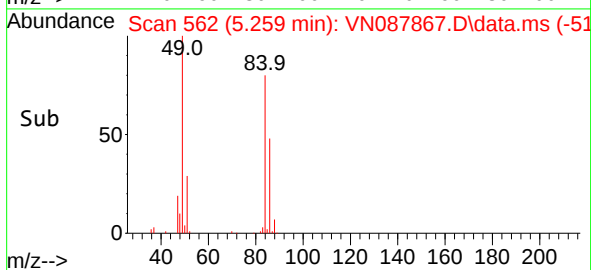
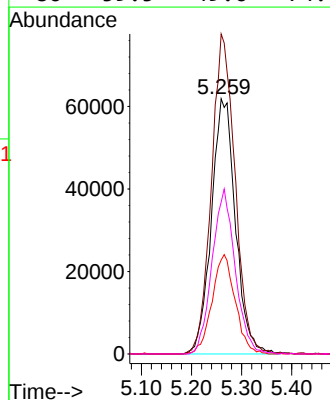
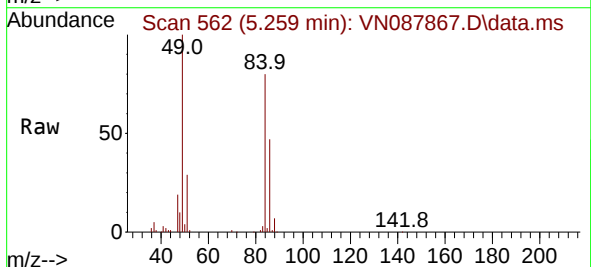
Manual Integrations
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Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#20
Methylene Chloride
Concen: 25.220 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

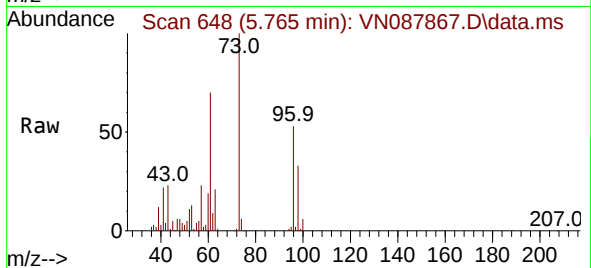
Tgt Ion: 84 Resp: 206596
Ion Ratio Lower Upper
84 100
49 125.4 103.4 155.2
51 36.8 33.8 50.8
86 59.5 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 24.512 ug/l
RT: 5.765 min Scan# 64
Delta R.T. -0.012 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

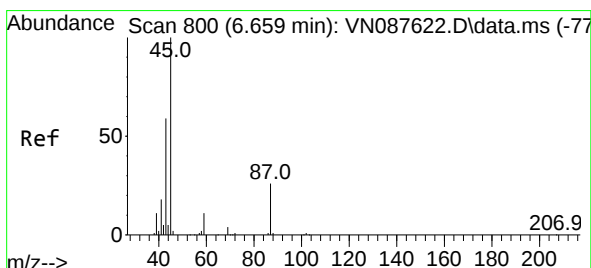
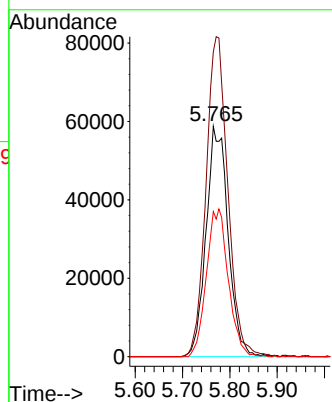
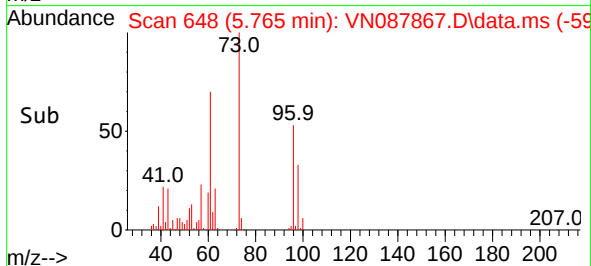
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 18985
Ion Ratio Lower Upper
96 100
61 132.3 118.0 177.0
98 63.0 50.0 75.0

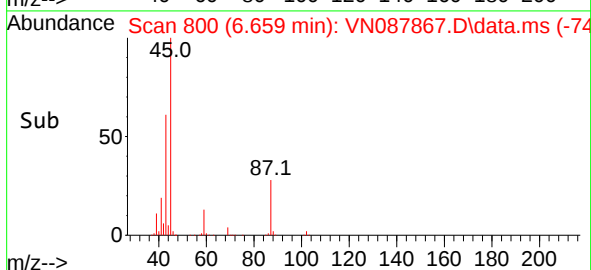
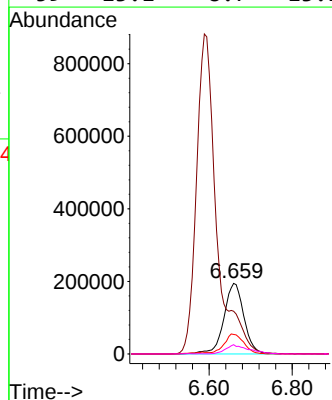
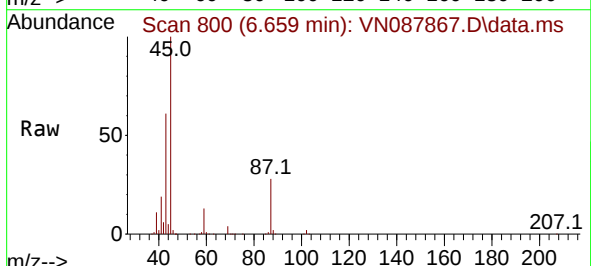
Manual Integrations
APPROVED

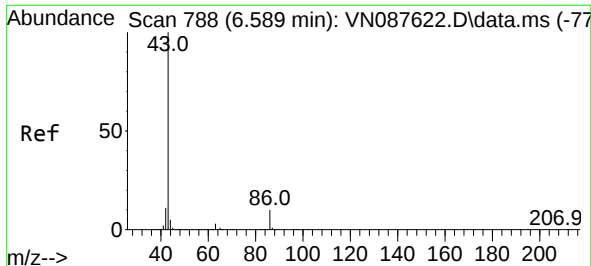
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#22
Diisopropyl ether
Concen: 23.255 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

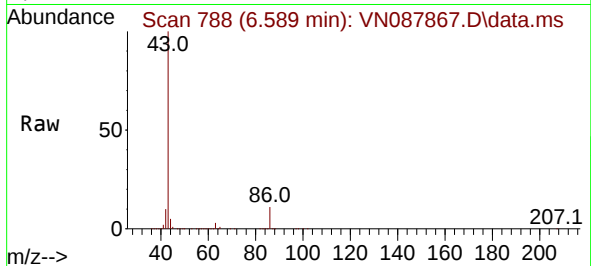
Tgt Ion: 45 Resp: 649909
Ion Ratio Lower Upper
45 100
43 60.1 47.7 71.5
87 27.6 21.4 32.0
59 13.1 8.7 13.1





#23
 Vinyl Acetate
 Concen: 115.647 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087867.D
 Acq: 16 Sep 2025 21:26

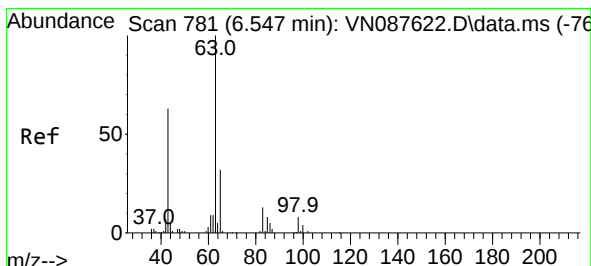
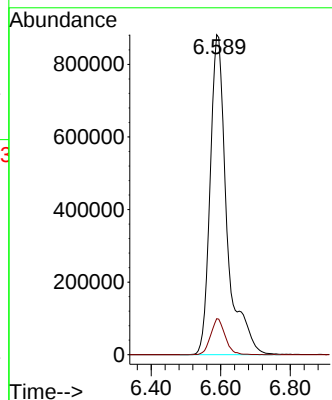
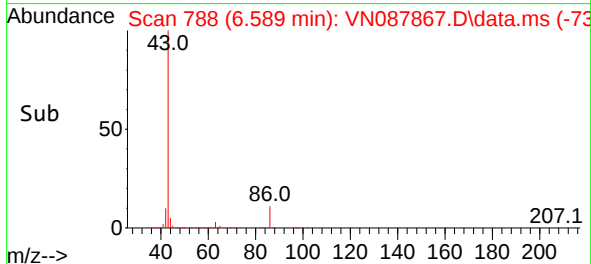
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 294044
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.4

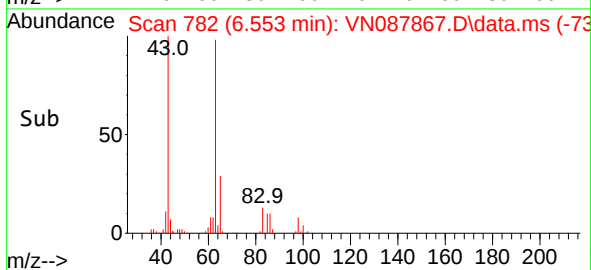
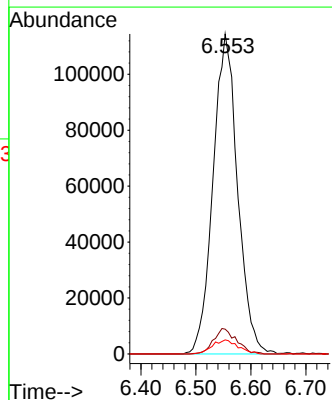
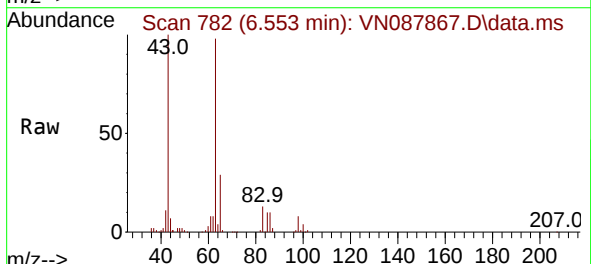
Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/17/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#24
 1,1-Dichloroethane
 Concen: 23.193 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087867.D
 Acq: 16 Sep 2025 21:26

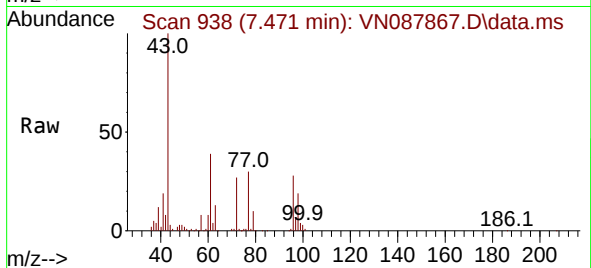
Tgt Ion: 63 Resp: 355389
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 113.460 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

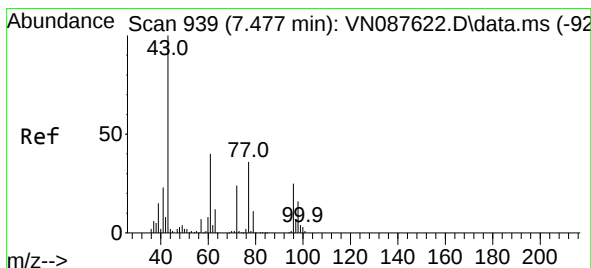
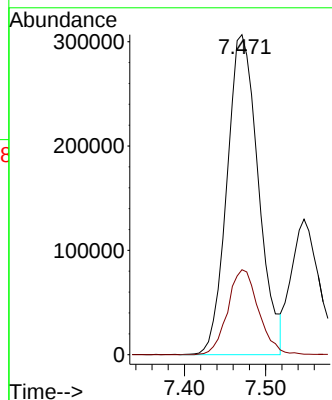
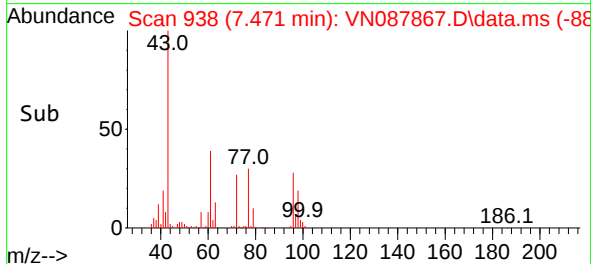
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 825254
Ion Ratio Lower Upper
43 100
72 26.5 19.9 29.9

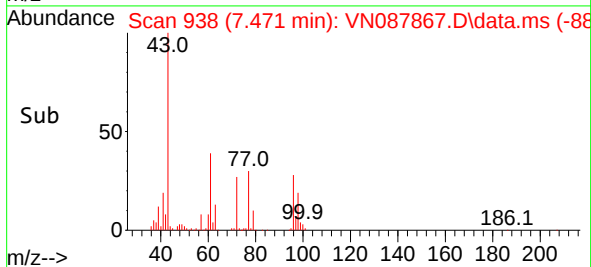
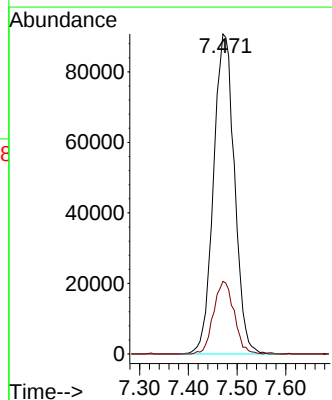
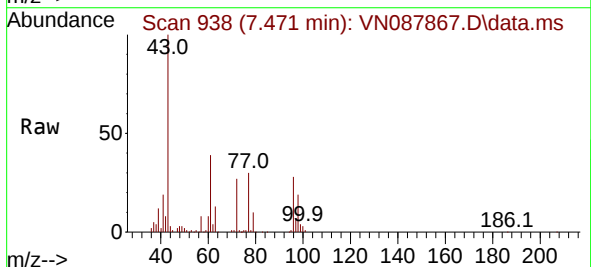
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#26
2,2-Dichloropropane
Concen: 20.628 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

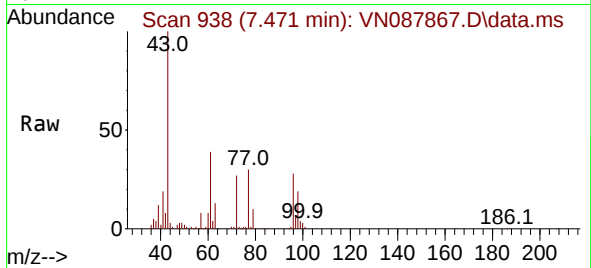
Tgt Ion: 77 Resp: 271292
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 24.910 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087867.D
 Acq: 16 Sep 2025 21:26

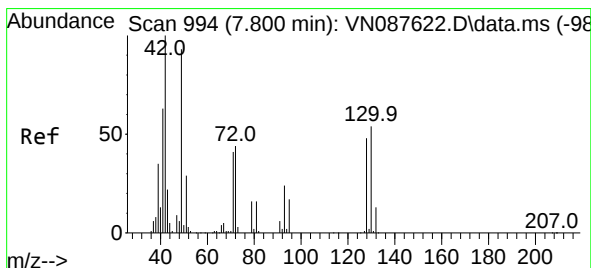
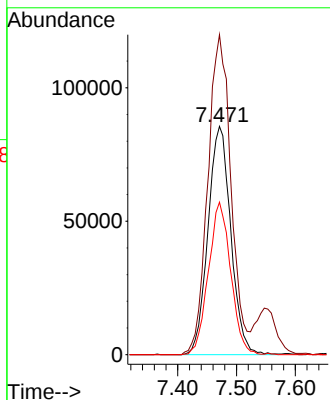
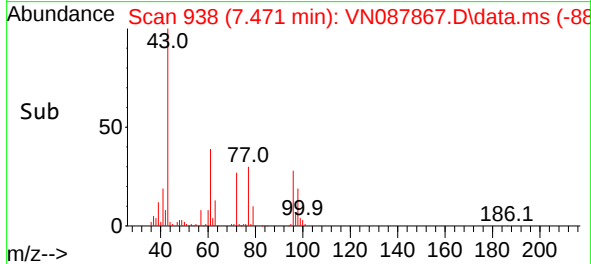
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 230654
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 301.8
 98 65.1 0.0 126.2

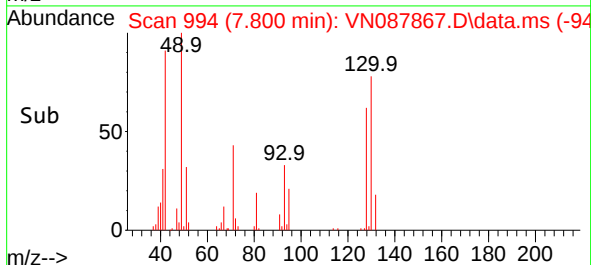
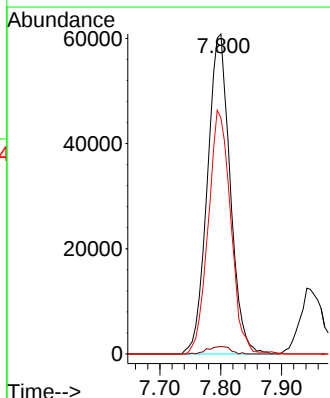
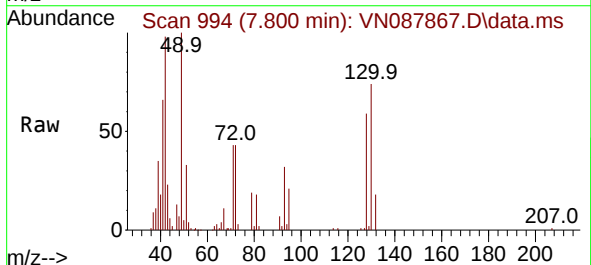
Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/17/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#28
 Bromochloromethane
 Concen: 21.328 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087867.D
 Acq: 16 Sep 2025 21:26

Tgt Ion: 49 Resp: 157999
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.0
 130 74.7 53.1 79.7





#29

Tetrahydrofuran

Concen: 114.617 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087867.D

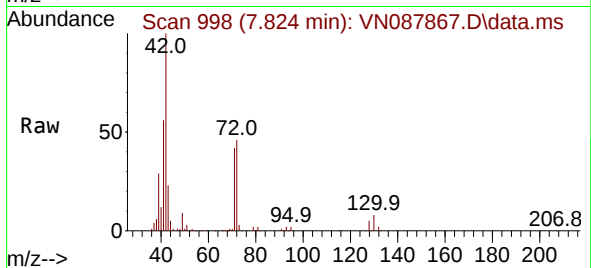
Acq: 16 Sep 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



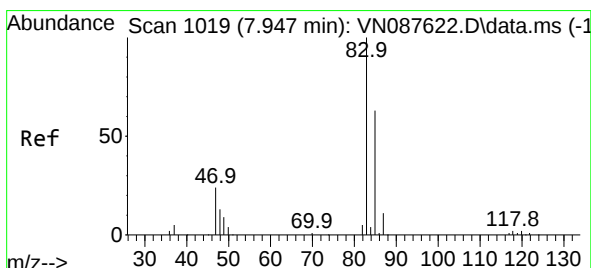
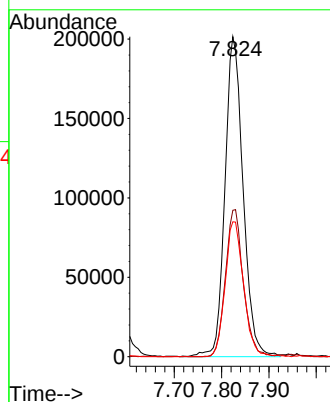
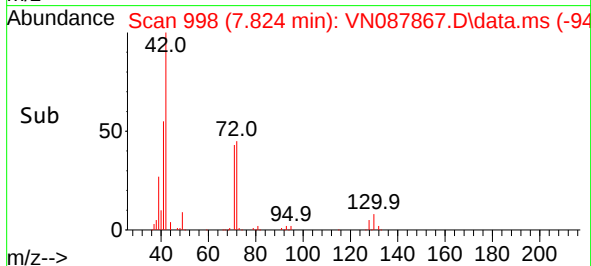
Tgt Ion:	42	Resp:	536510
Ion Ratio	100	Lower	Upper
42	100		
72	45.2	33.7	50.5
71	42.6	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#30

Chloroform

Concen: 24.560 ug/l

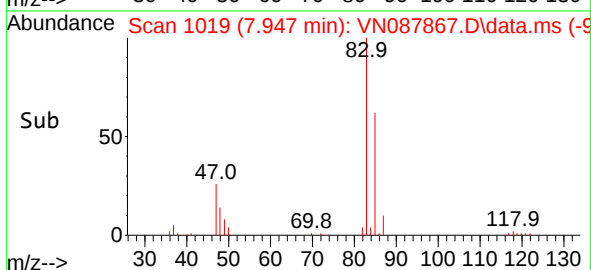
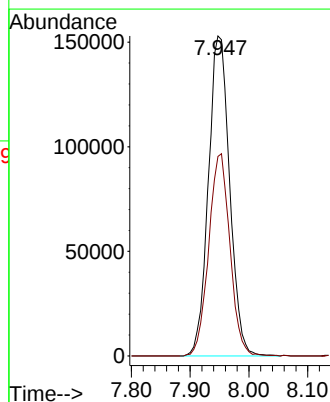
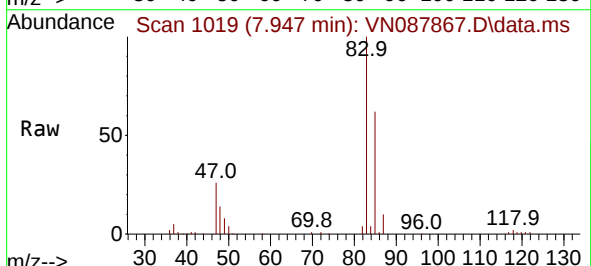
RT: 7.947 min Scan# 1019

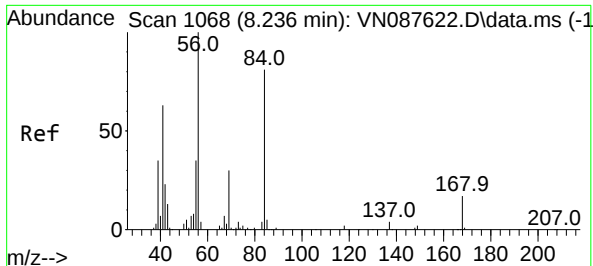
Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

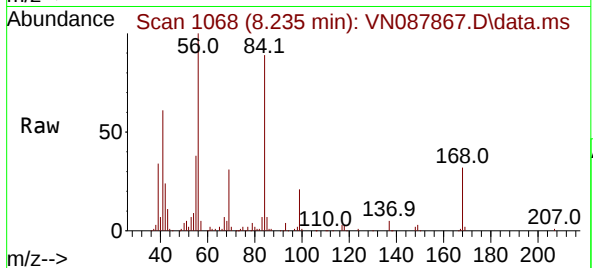
Tgt Ion:	83	Resp:	384130
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	50.7	76.1





#31
Cyclohexane
Concen: 24.032 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

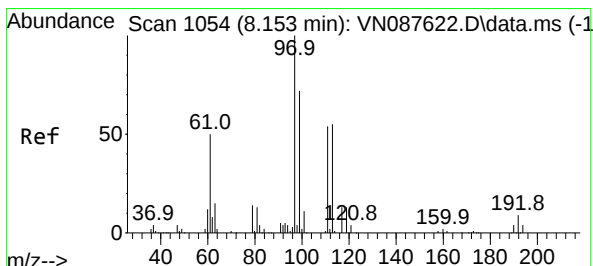
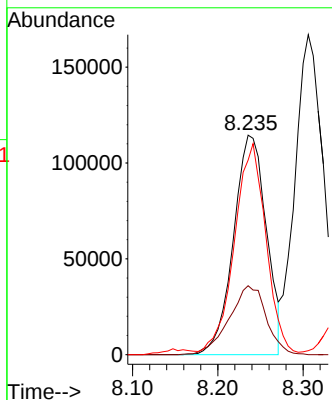
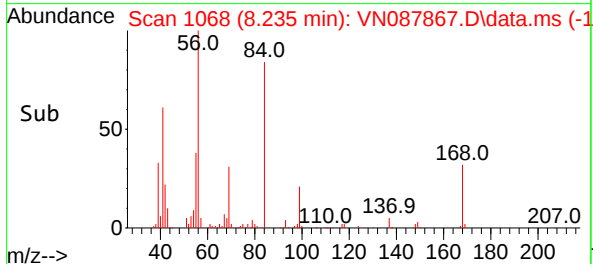
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



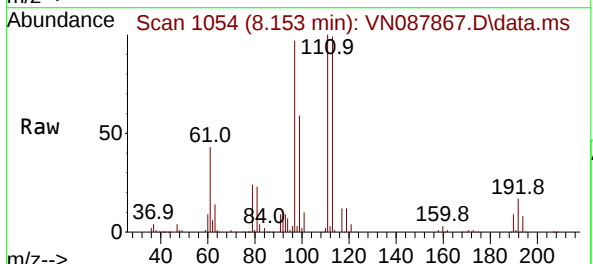
Tgt Ion: 56 Resp: 306980
Ion Ratio Lower Upper
56 100
69 31.4 23.7 35.5
84 86.7 64.7 97.1

Manual Integrations
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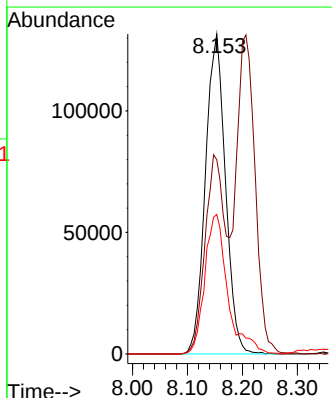
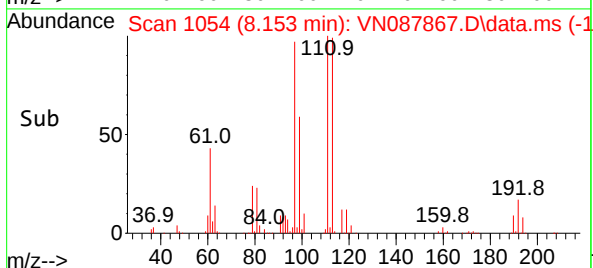
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

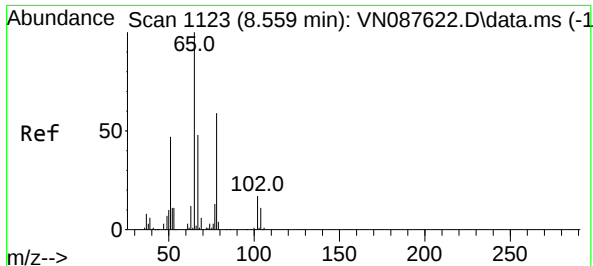


#32
1,1,1-Trichloroethane
Concen: 25.142 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



Tgt Ion: 97 Resp: 333251
Ion Ratio Lower Upper
97 100
99 63.4 52.2 78.2
61 49.9 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 40.648 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 41281

Ion Ratio Lower Upper

65 100

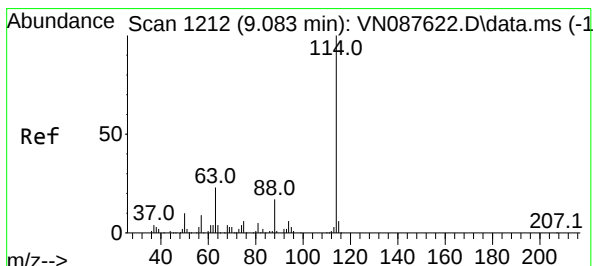
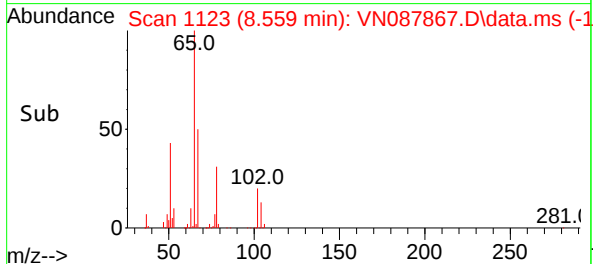
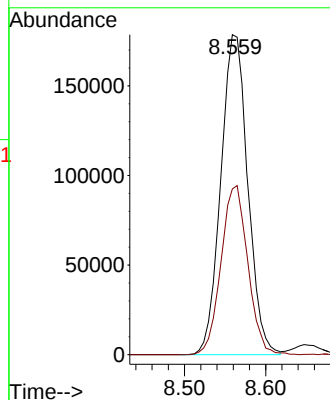
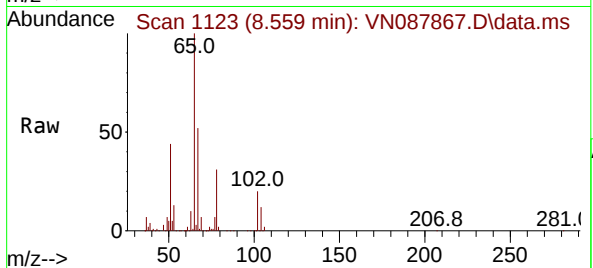
67 52.4 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

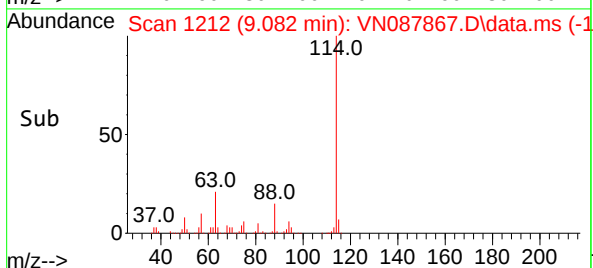
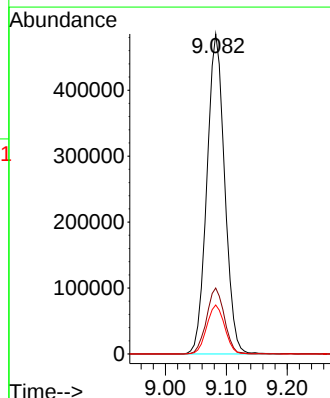
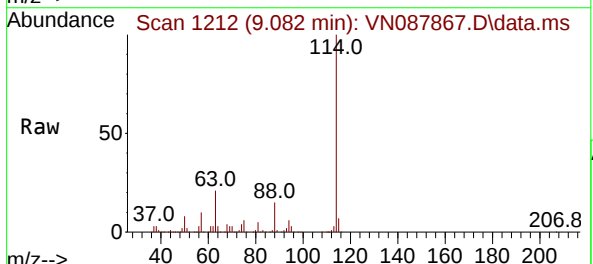
Tgt Ion:114 Resp: 982608

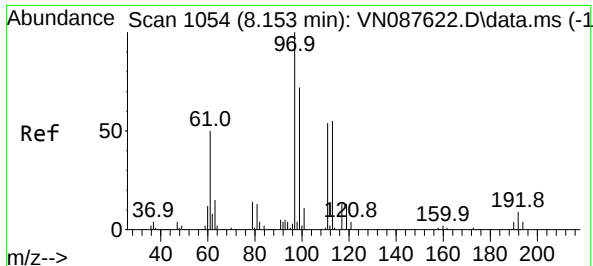
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.2

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.101 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

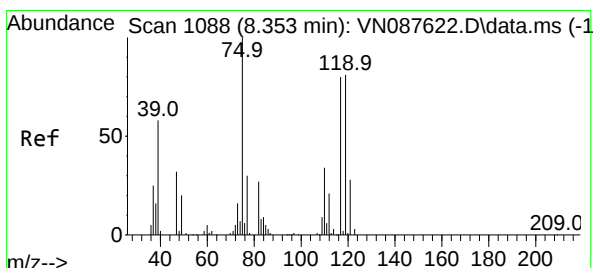
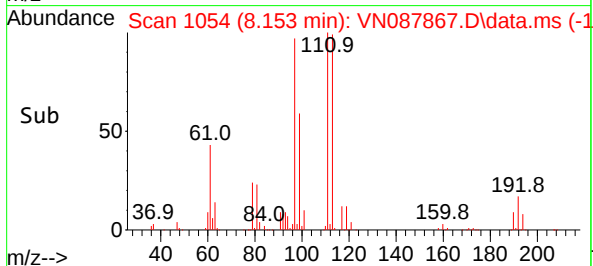
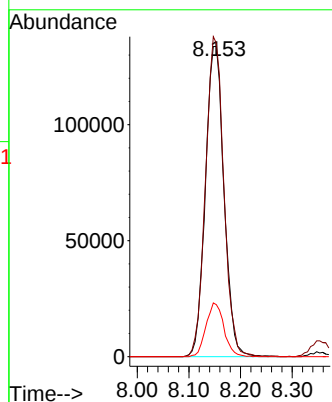
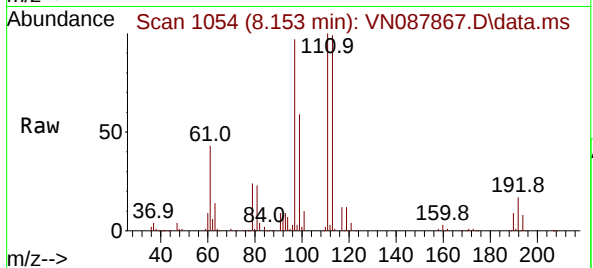
Tgt Ion:	113	Resp:	33415
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.8	124.2
192	16.7	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#36

1,1-Dichloropropene

Concen: 23.902 ug/l

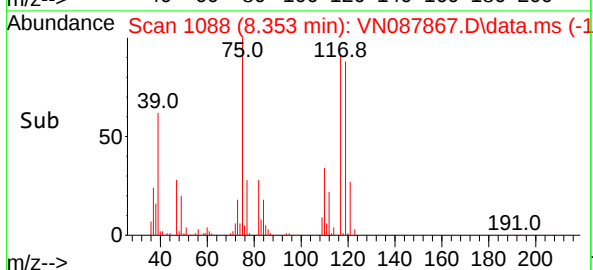
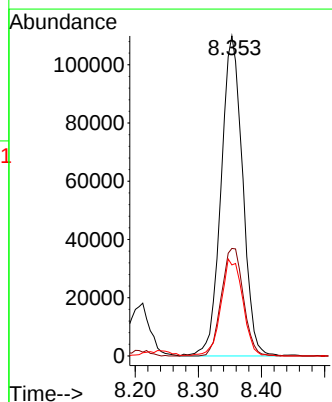
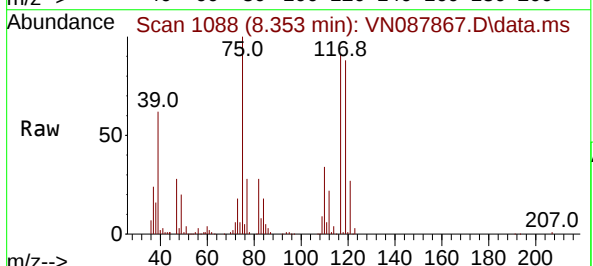
RT: 8.353 min Scan# 1088

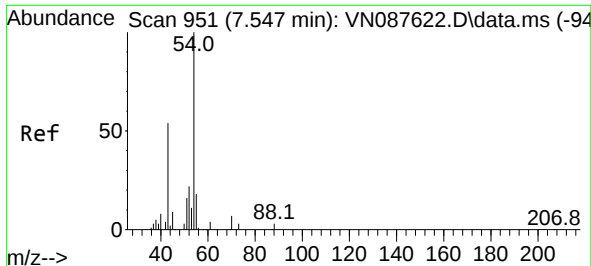
Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

Tgt Ion:	75	Resp:	260142
Ion Ratio	Lower	Upper	
75	100		
110	34.3	15.9	47.6
77	30.7	24.4	36.6





#37

Ethyl Acetate

Concen: 21.719 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087867.D

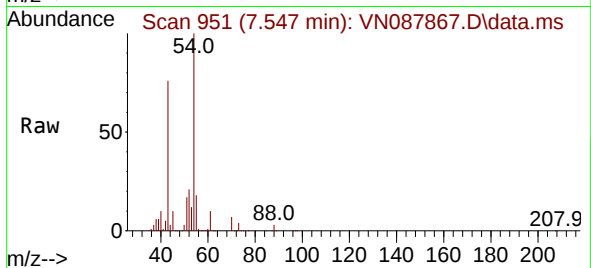
Acq: 16 Sep 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



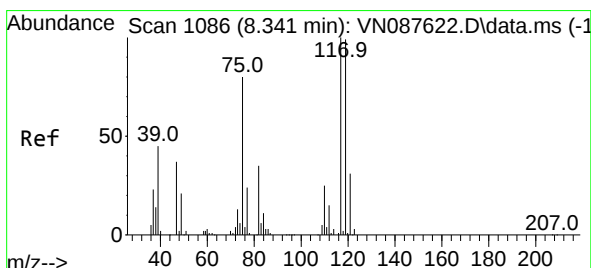
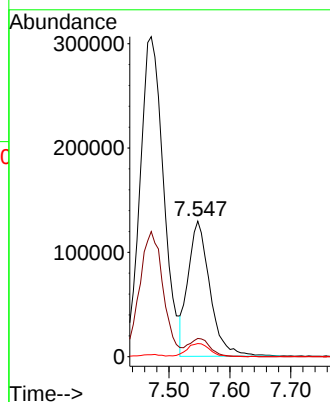
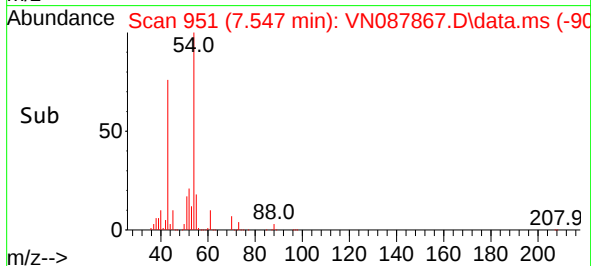
Tgt Ion:	43	Resp:	32301
Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.3	13.9
70	10.2	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#38

Carbon Tetrachloride

Concen: 26.180 ug/l

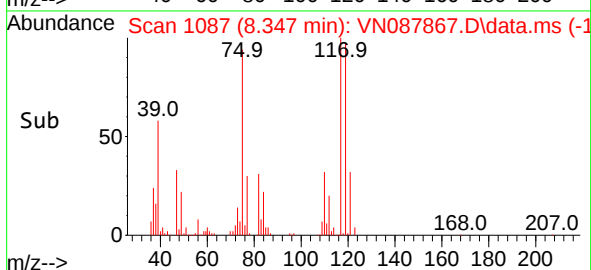
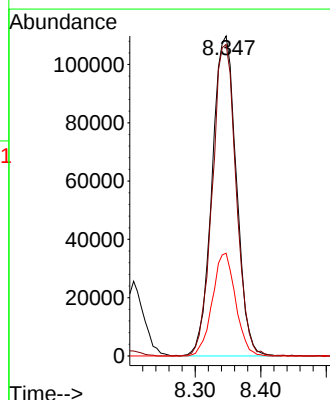
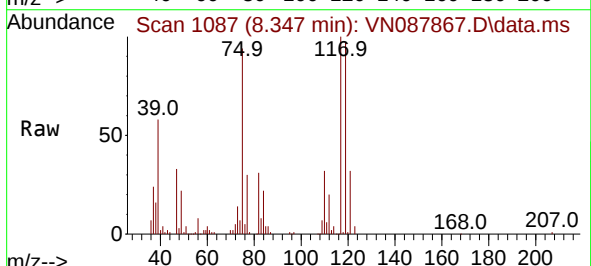
RT: 8.347 min Scan# 1087

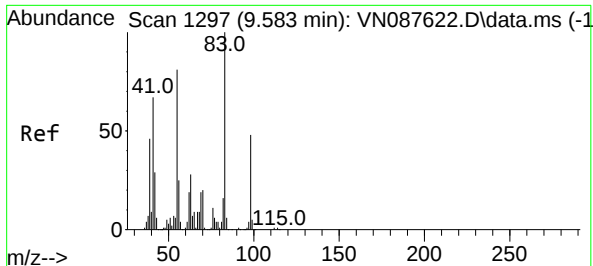
Delta R.T. 0.006 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

Tgt Ion:	117	Resp:	281320
Ion	Ratio	Lower	Upper
117	100		
119	97.3	79.0	118.6
121	32.1	25.0	37.6





#39

Methylcyclohexane

Concen: 25.612 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 30689

Ion Ratio Lower Upper

83 100

55 73.8 64.6 96.8

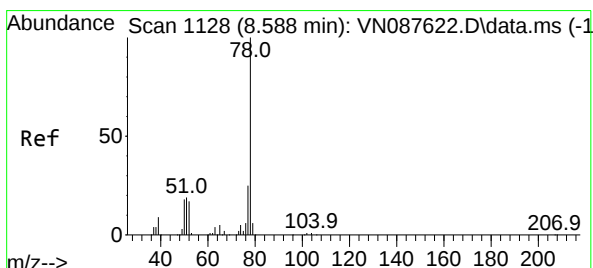
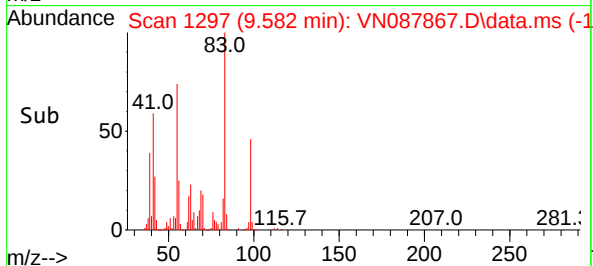
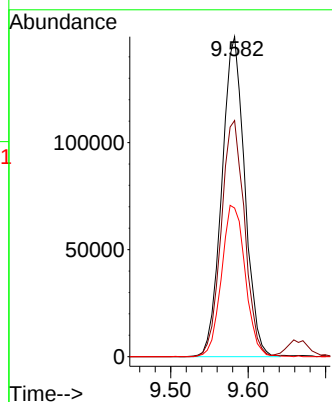
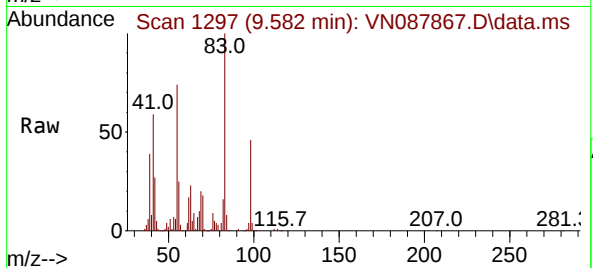
98 46.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#40

Benzene

Concen: 24.145 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087867.D

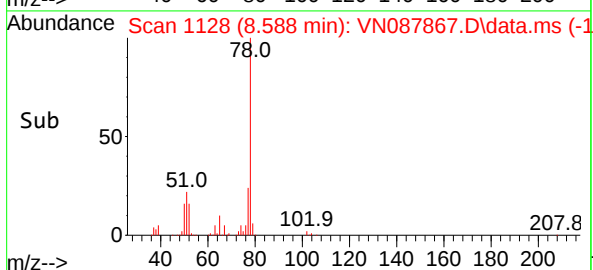
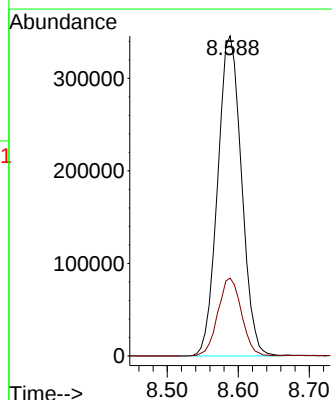
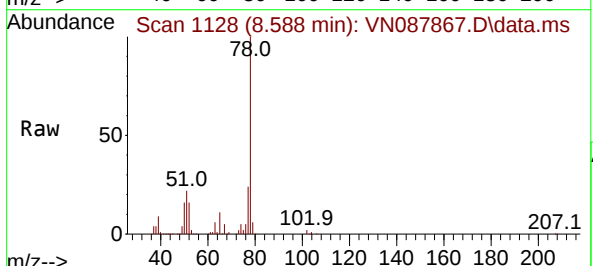
Acq: 16 Sep 2025 21:26

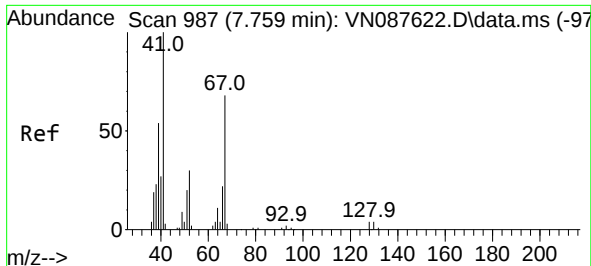
Tgt Ion: 78 Resp: 805990

Ion Ratio Lower Upper

78 100

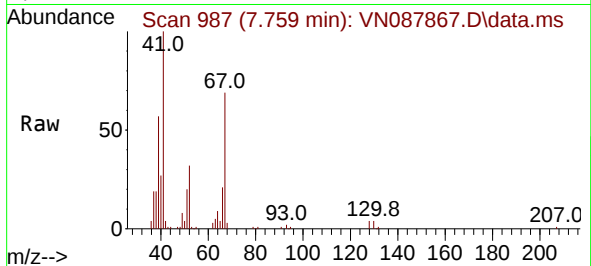
77 24.4 19.7 29.5





#41
Methacrylonitrile
Concen: 21.801 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

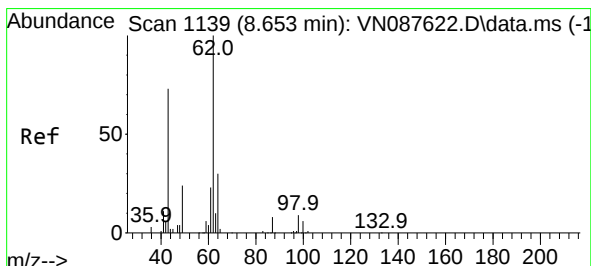
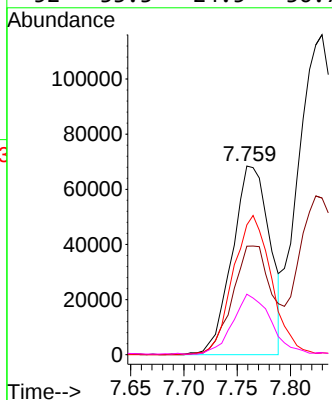
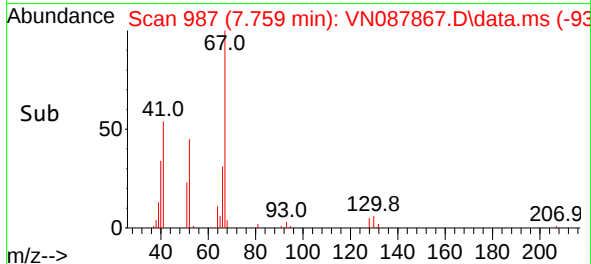
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



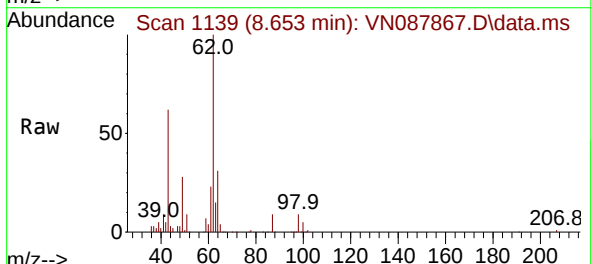
Tgt Ion: 41 Resp: 16795
Ion Ratio Lower Upper
41 100
39 62.0 45.4 68.0
67 76.4 55.3 82.9
52 33.3 24.5 36.7

Manual Integrations
APPROVED

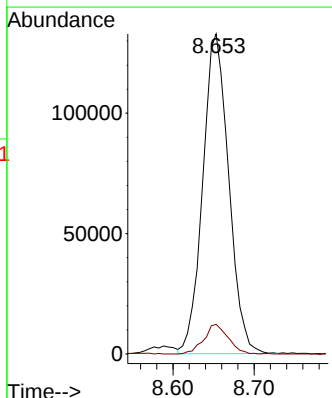
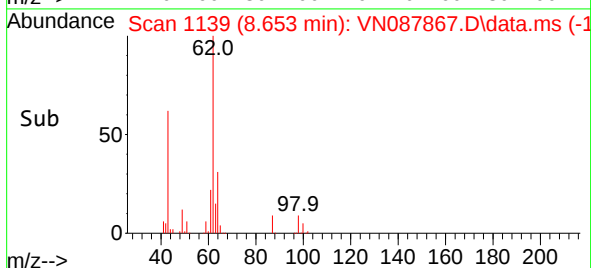
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

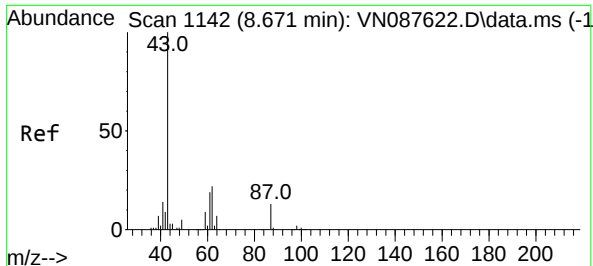


#42
1,2-Dichloroethane
Concen: 23.026 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



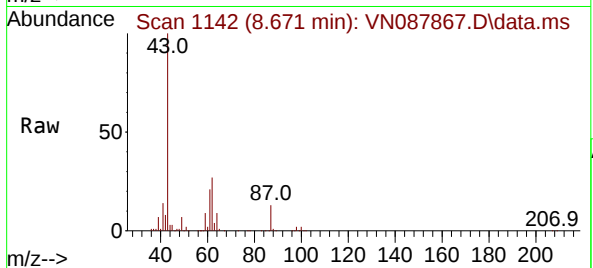
Tgt Ion: 62 Resp: 295383
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4





#43
Isopropyl Acetate
Concen: 23.097 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

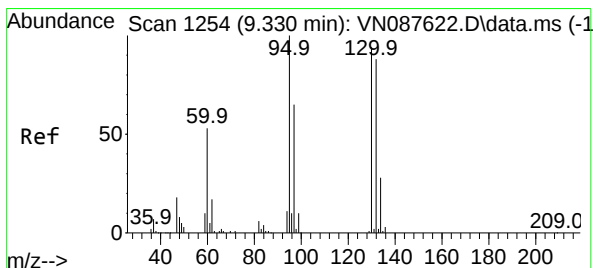
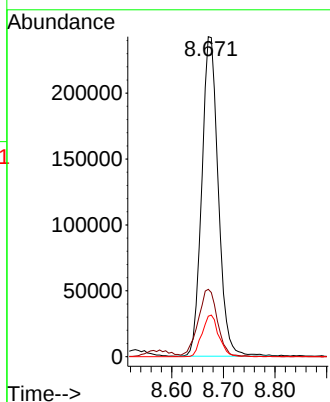
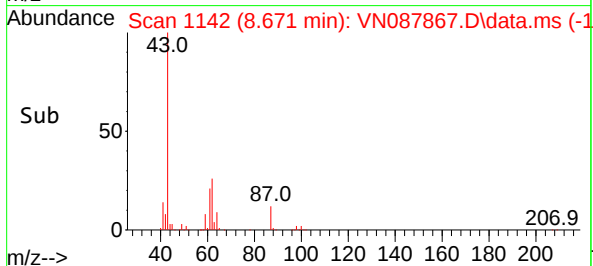
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



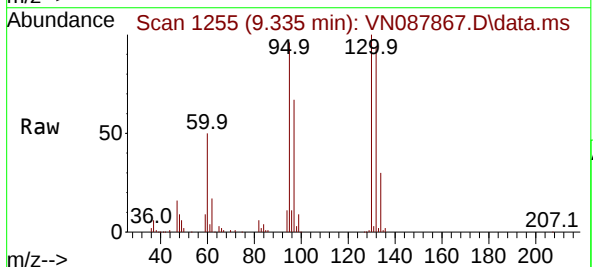
Tgt Ion: 43 Resp: 53631
Ion Ratio Lower Upper
43 100
61 24.5 18.8 28.2
87 13.2 9.6 14.4

Manual Integrations
APPROVED

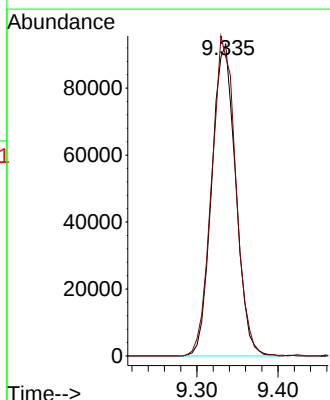
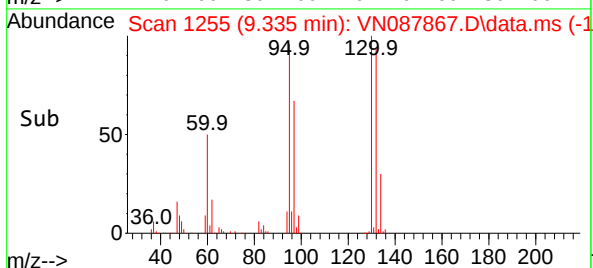
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

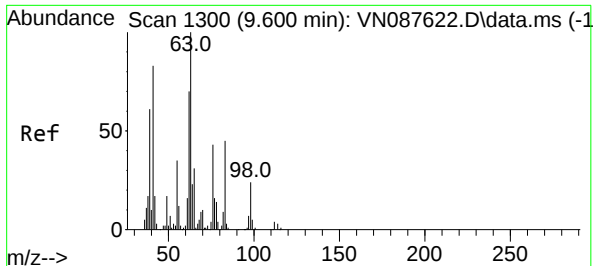


#44
Trichloroethene
Concen: 25.027 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



Tgt Ion:130 Resp: 190738
Ion Ratio Lower Upper
130 100
95 96.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 23.009 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 20246

Ion Ratio Lower Upper

63 100

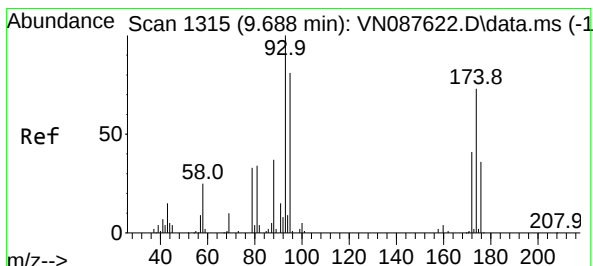
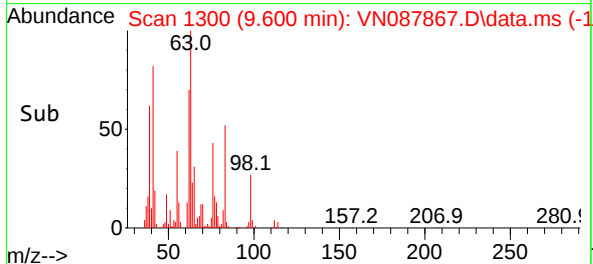
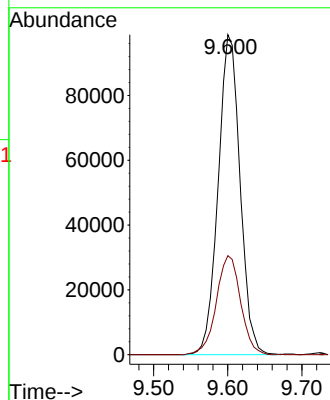
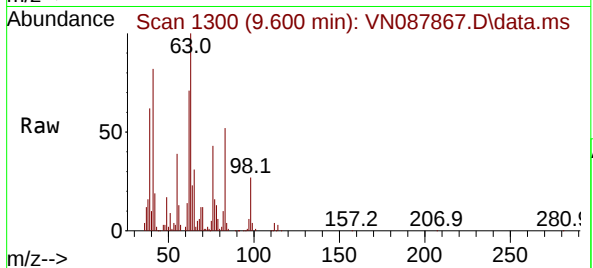
65 31.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#46

Dibromomethane

Concen: 24.452 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

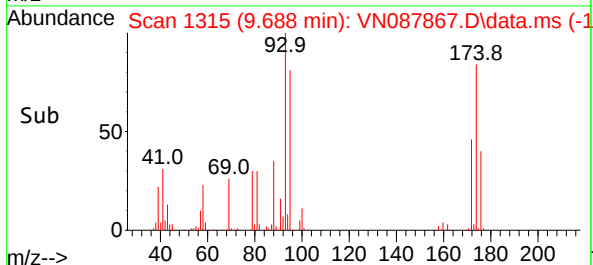
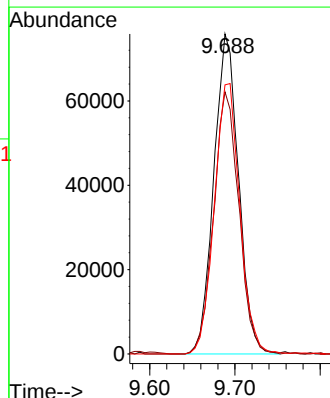
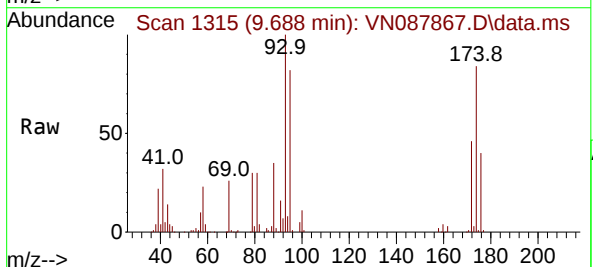
Tgt Ion: 93 Resp: 153106

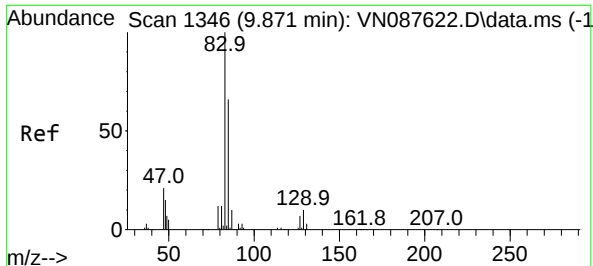
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 87.5 63.4 95.2





#47

Bromodichloromethane

Concen: 24.254 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 311254

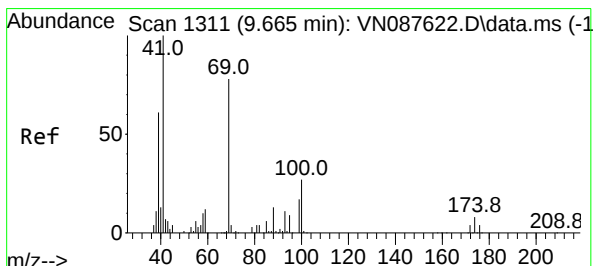
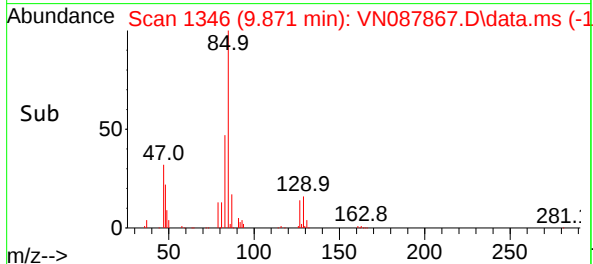
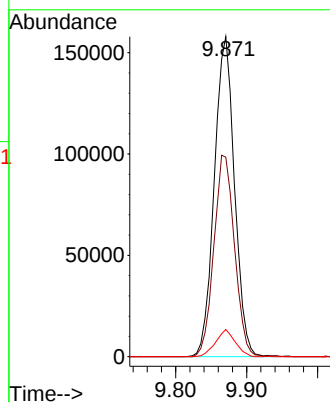
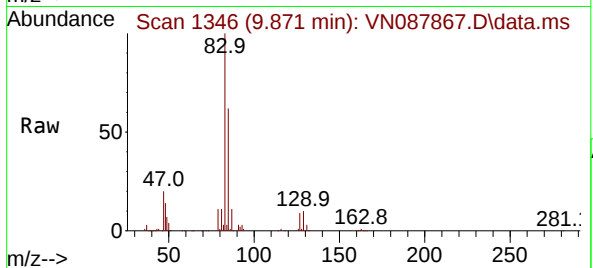
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.5	78.7
127	8.5	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#48

Methyl methacrylate

Concen: 23.509 ug/l

RT: 9.665 min Scan# 1311

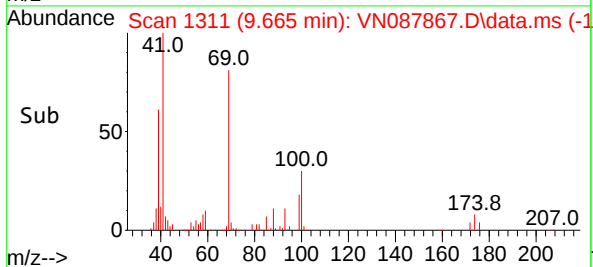
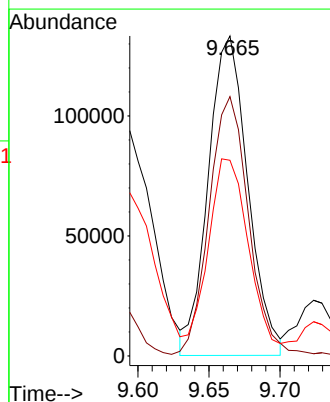
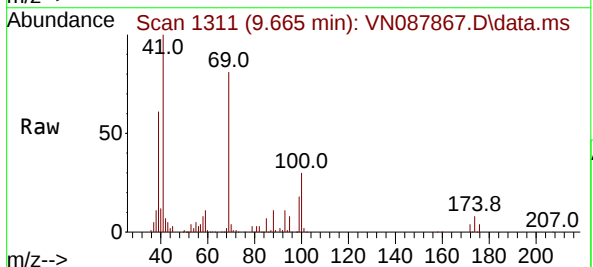
Delta R.T. -0.000 min

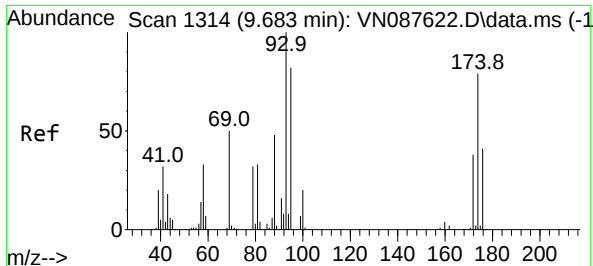
Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

Tgt Ion: 41 Resp: 258197

Ion	Ratio	Lower	Upper
41	100		
69	81.6	62.7	94.1
39	63.9	52.9	79.3





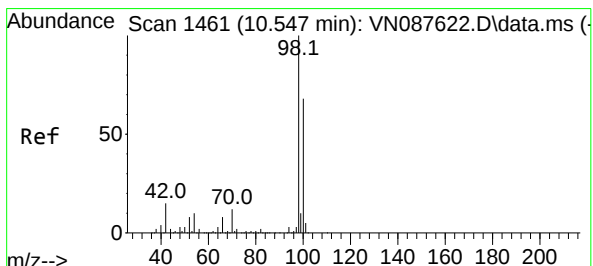
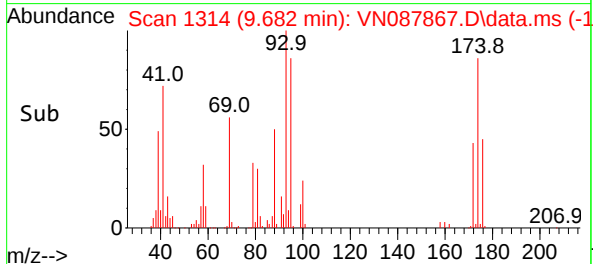
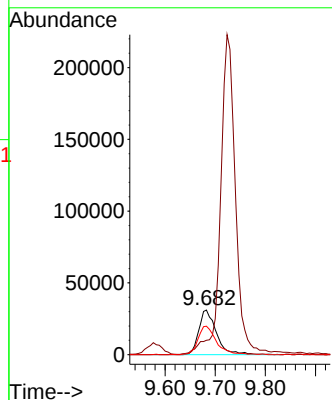
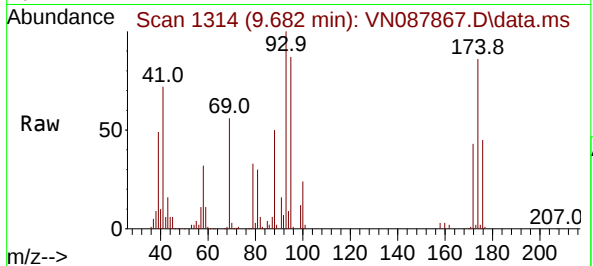
#49
1,4-Dioxane
Concen: 531.186 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 7561
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 67.4 57.9 86.9

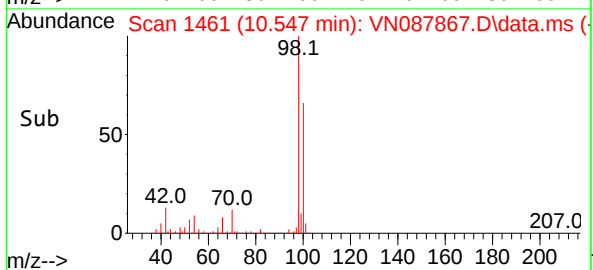
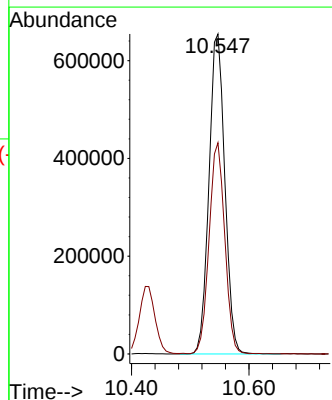
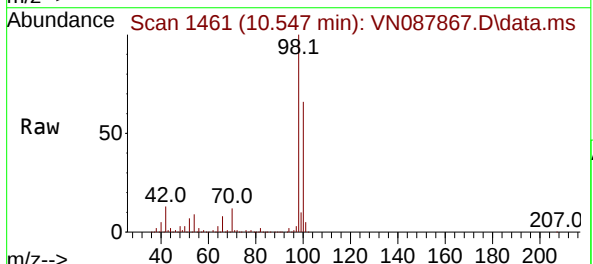
Manual Integrations
APPROVED

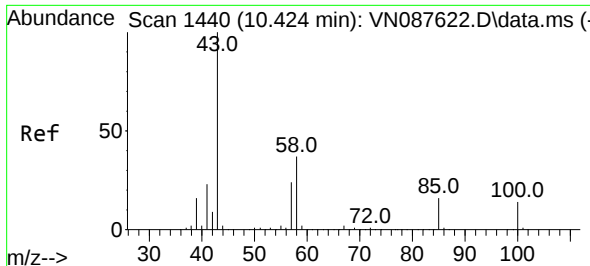
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#50
Toluene-d8
Concen: 46.076 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Tgt Ion: 98 Resp: 1223470
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2





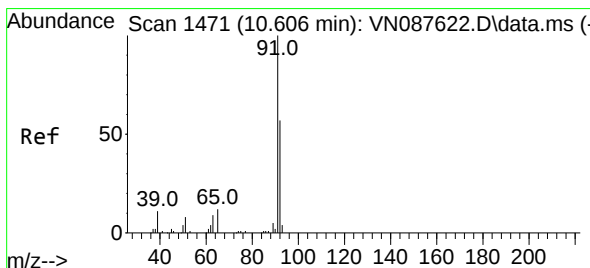
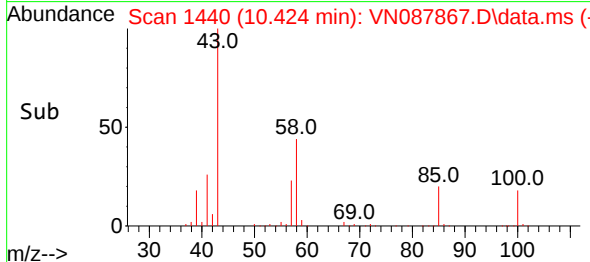
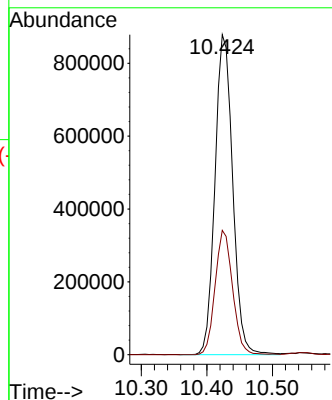
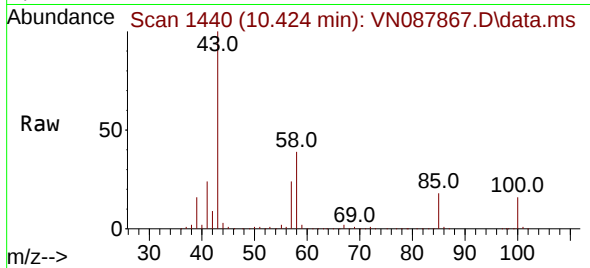
#51
4-Methyl-2-Pentanone
Concen: 117.413 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1644890
Ion Ratio Lower Upper
43 100
58 38.3 29.6 44.4

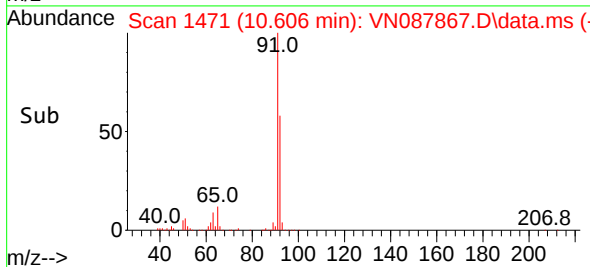
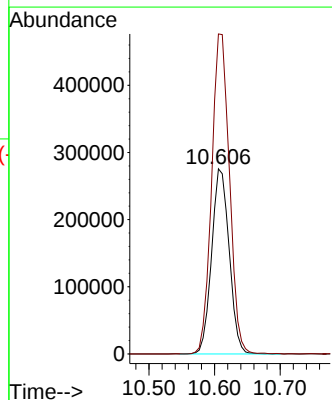
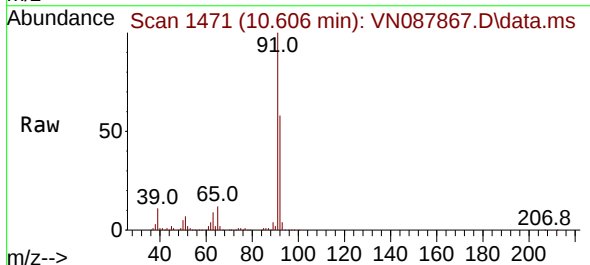
Manual Integrations
APPROVED

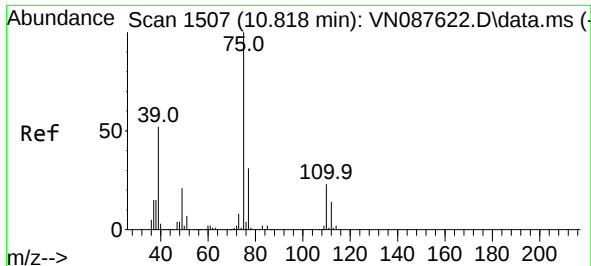
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
Toluene
Concen: 24.745 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

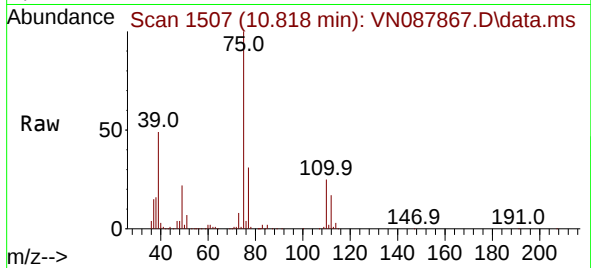
Tgt Ion: 92 Resp: 512092
Ion Ratio Lower Upper
92 100
91 175.4 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 24.314 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

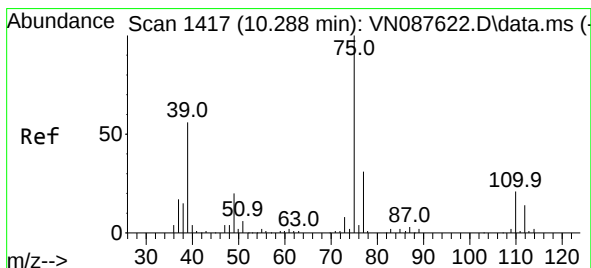
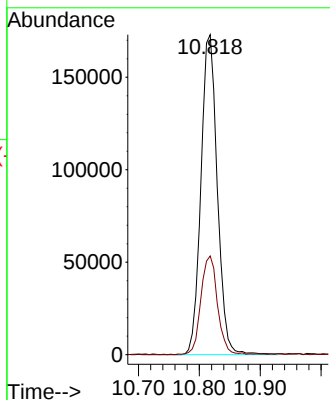
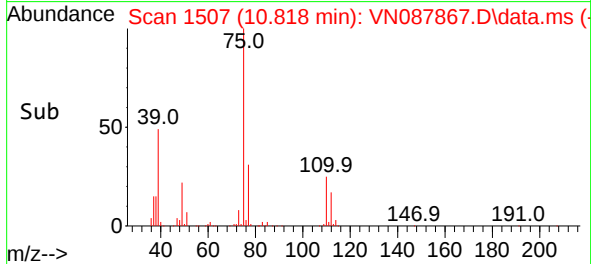
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



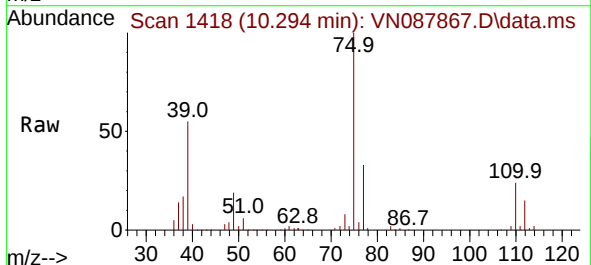
Tgt Ion: 75 Resp: 322969
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8

Manual Integrations
APPROVED

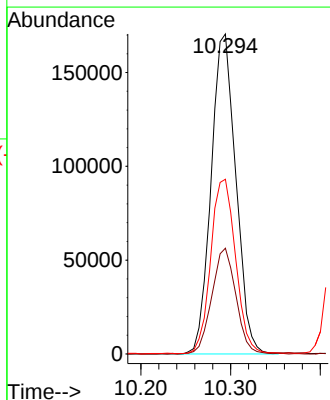
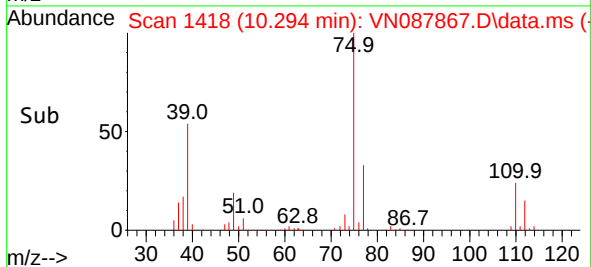
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

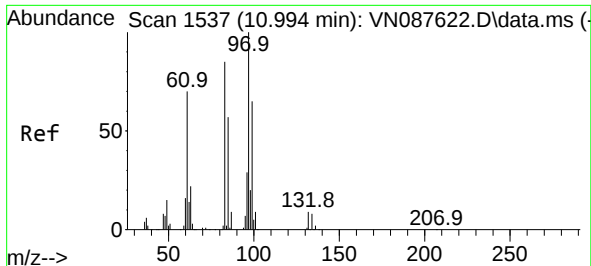


#54
cis-1,3-Dichloropropene
Concen: 23.671 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



Tgt Ion: 75 Resp: 326480
Ion Ratio Lower Upper
75 100
77 33.1 24.6 37.0
39 54.5 45.2 67.8





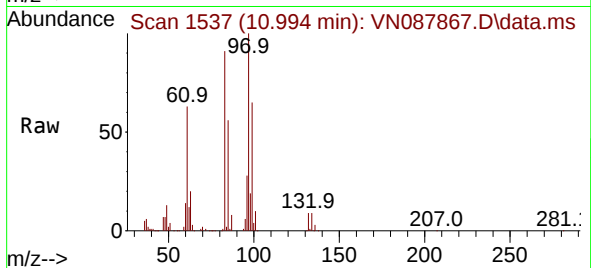
#55
1,1,2-Trichloroethane
Concen: 24.882 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



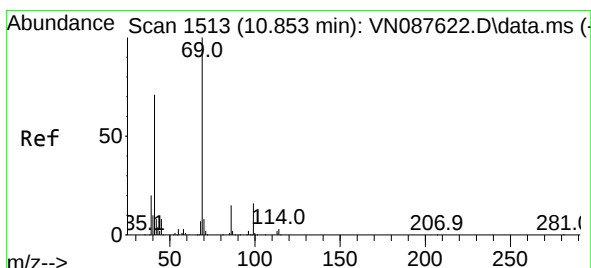
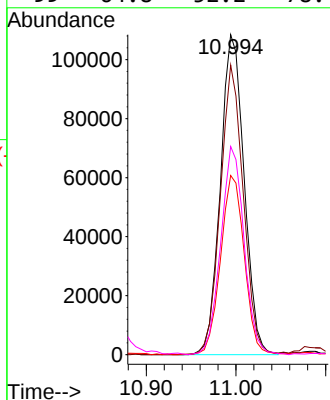
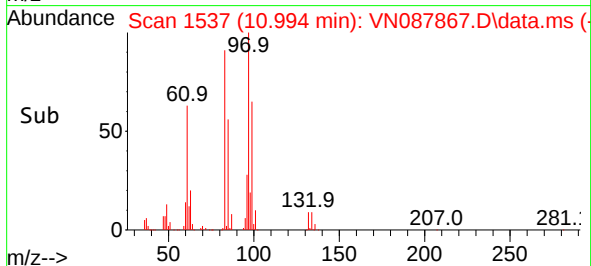
Tgt Ion: 97 Resp: 199194
Ion Ratio Lower Upper
97 100
83 90.5 68.2 102.4
85 56.0 45.5 68.3
99 64.8 52.2 78.4

Manual Integrations

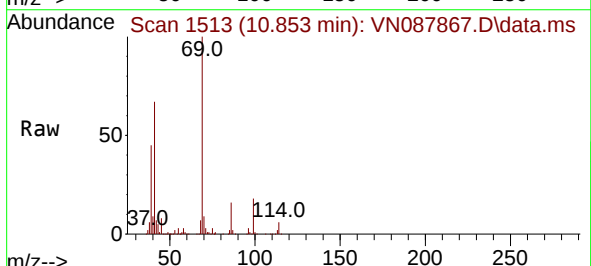
APPROVED

Reviewed By :John Carlone 09/17/2025

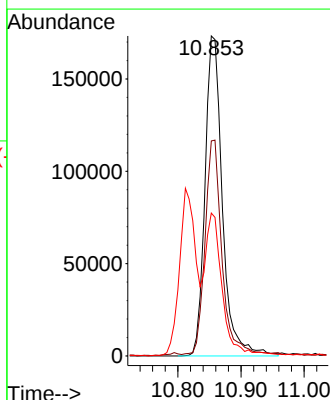
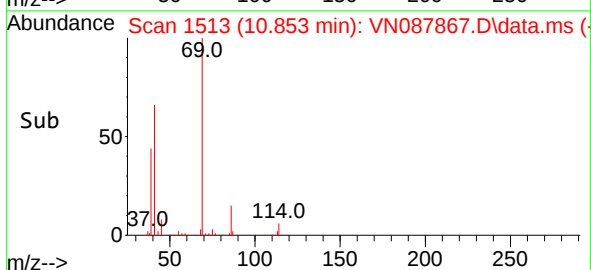
Supervised By :Mahesh Dadoda 09/18/2025

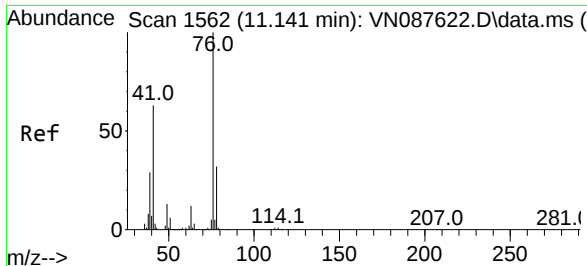


#56
Ethyl methacrylate
Concen: 25.983 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



Tgt Ion: 69 Resp: 332429
Ion Ratio Lower Upper
69 100
41 64.8 56.5 84.7
39 43.5 34.2 51.4





#57

1,3-Dichloropropane

Concen: 23.904 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087867.D

Acq: 16 Sep 2025 21:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 338670

Ion Ratio Lower Upper

76 100

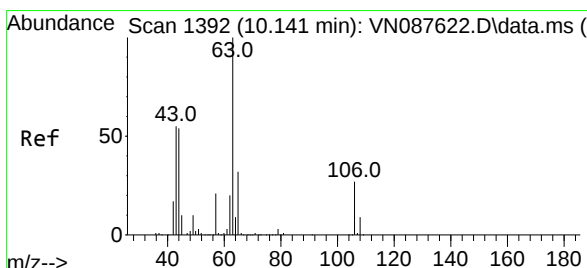
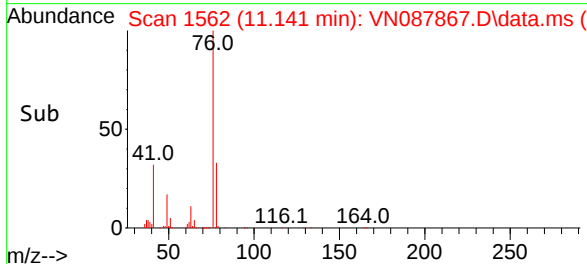
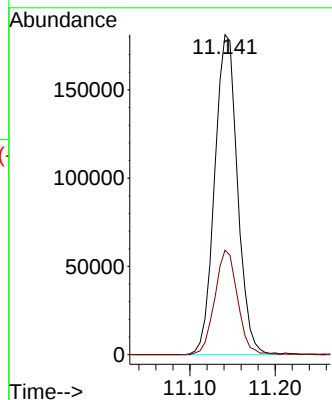
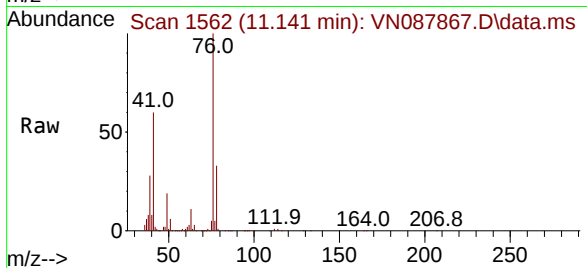
78 32.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 115.695 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087867.D

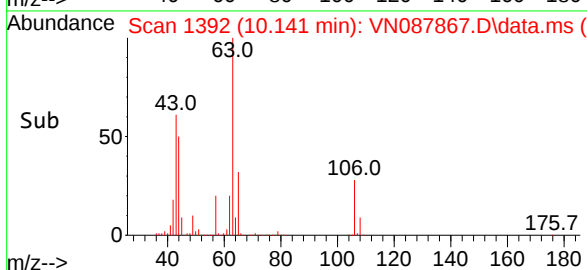
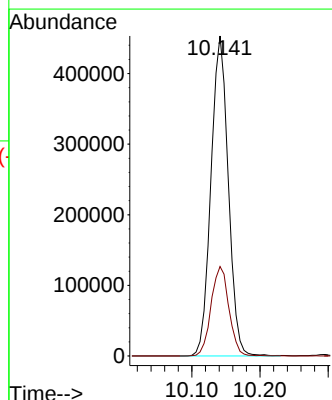
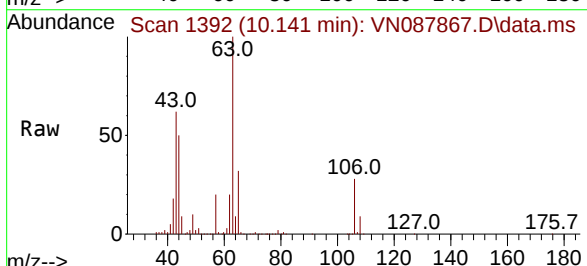
Acq: 16 Sep 2025 21:26

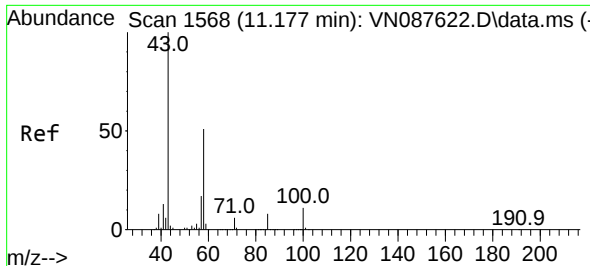
Tgt Ion: 63 Resp: 801170

Ion Ratio Lower Upper

63 100

106 28.8 21.1 31.7





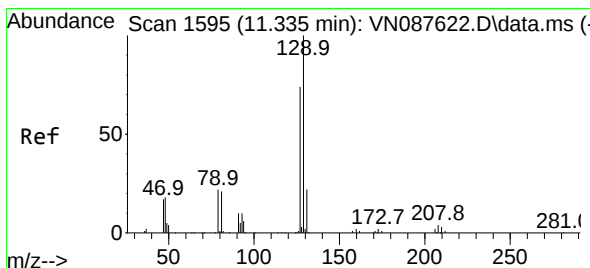
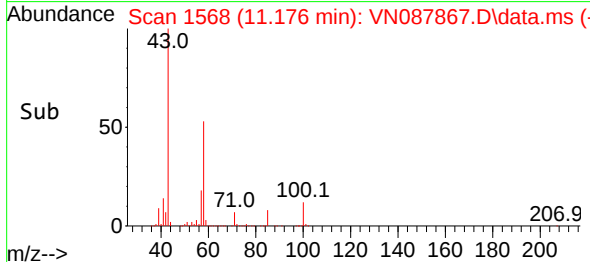
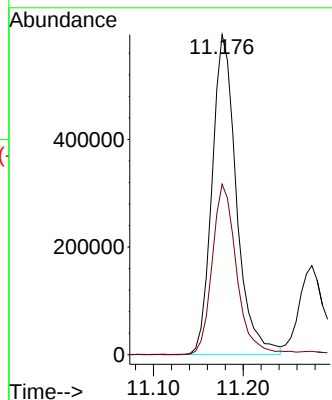
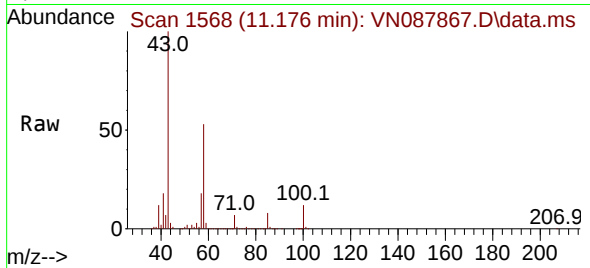
#59
2-Hexanone
Concen: 126.287 ug/l
RT: 11.176 min Scan# 111813
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 111813
Ion Ratio Lower Upper
43 100
58 53.7 25.9 77.8

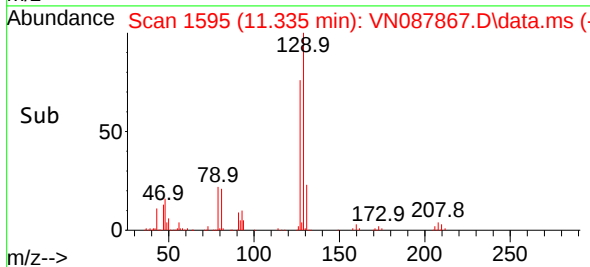
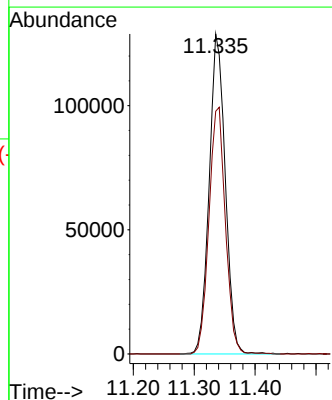
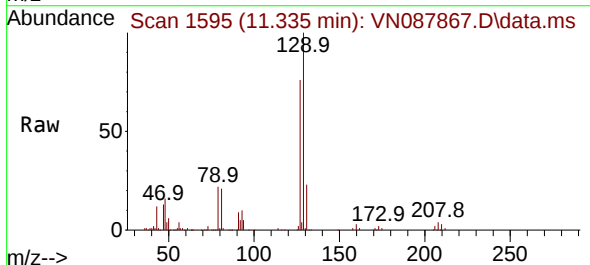
Manual Integrations
APPROVED

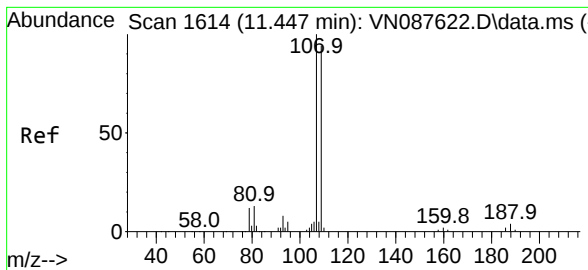
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#60
Dibromochloromethane
Concen: 25.486 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

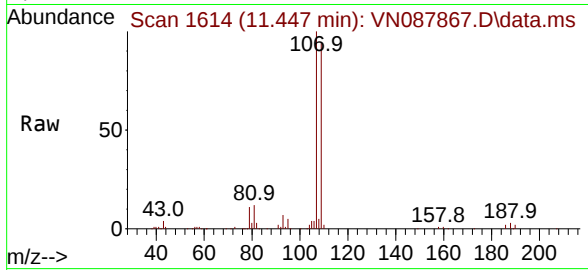
Tgt Ion:129 Resp: 236412
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.3





#61
1,2-Dibromoethane
Concen: 25.002 ug/l
RT: 11.447 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

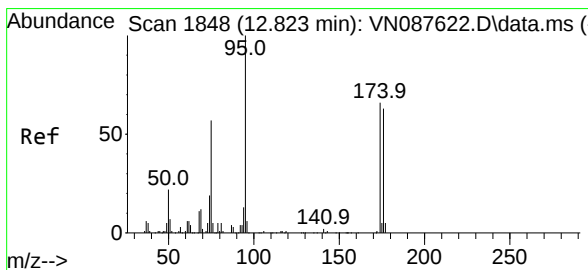
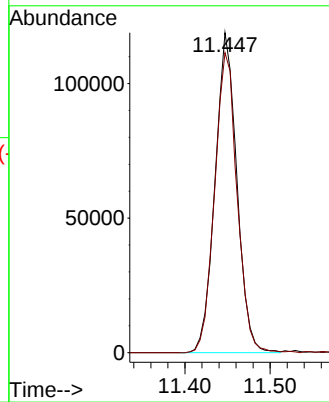
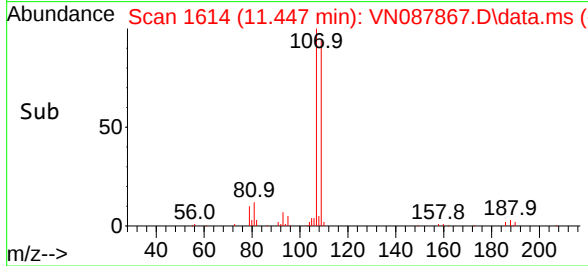
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



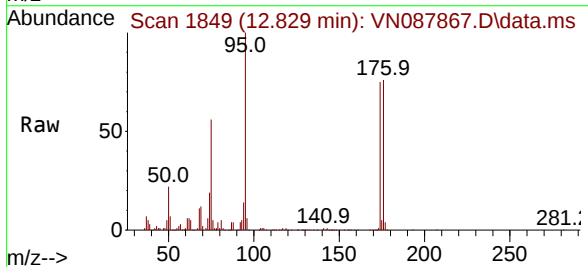
Tgt Ion:107 Resp: 211060
Ion Ratio Lower Upper
107 100
109 96.8 74.7 112.1

Manual Integrations
APPROVED

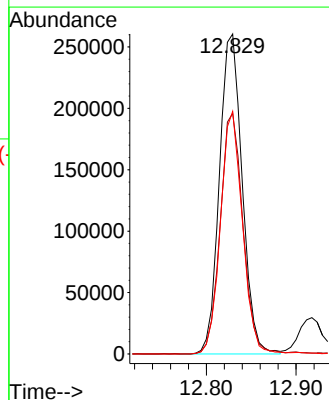
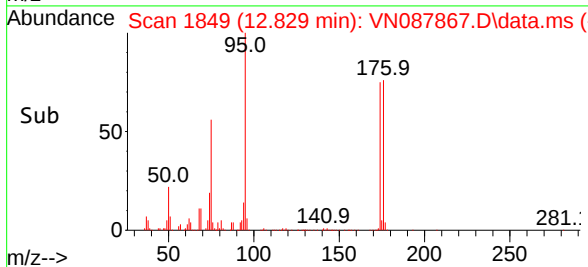
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

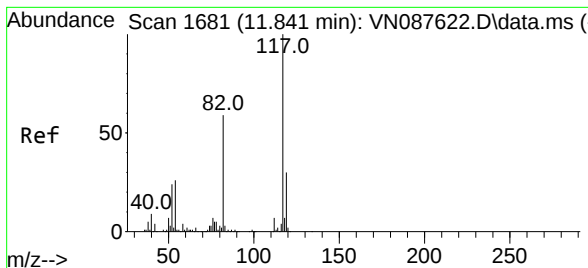


#62
4-Bromofluorobenzene
Concen: 48.620 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



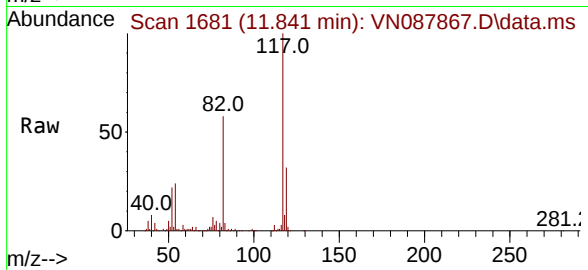
Tgt Ion: 95 Resp: 459125
Ion Ratio Lower Upper
95 100
174 75.1 0.0 138.4
176 73.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

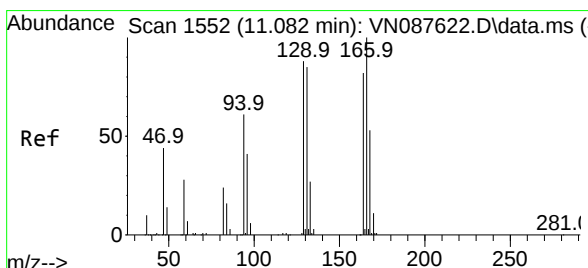
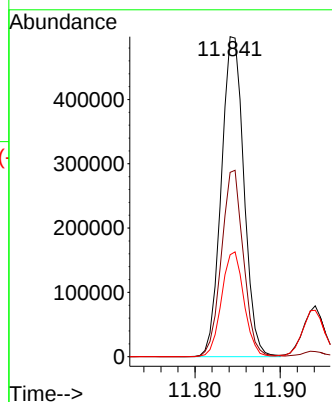
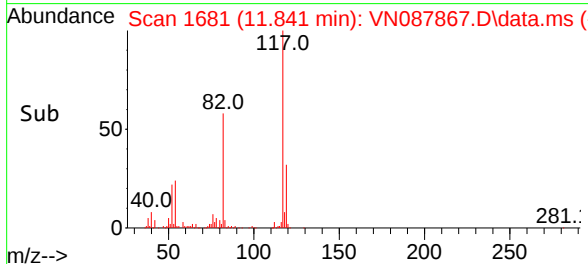
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



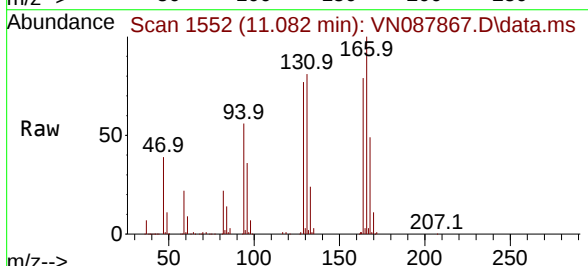
Tgt Ion:117 Resp: 916480
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.8 24.3 36.5

Manual Integrations
APPROVED

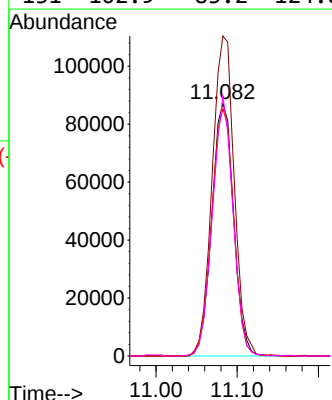
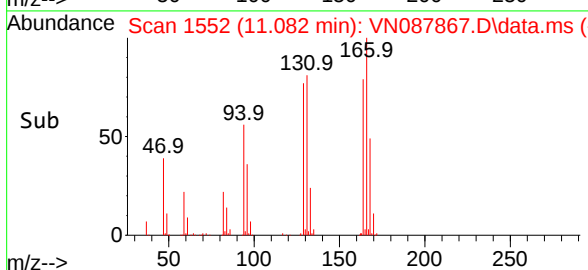
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

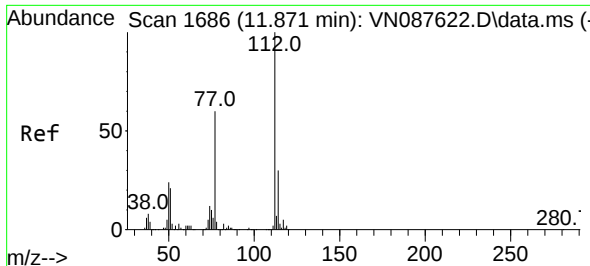


#64
Tetrachloroethene
Concen: 25.535 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



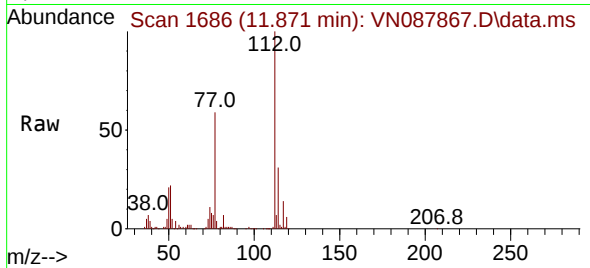
Tgt Ion:164 Resp: 162361
Ion Ratio Lower Upper
164 100
166 126.7 97.7 146.5
129 97.8 85.9 128.9
131 102.9 83.2 124.8





#65
Chlorobenzene
Concen: 25.254 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

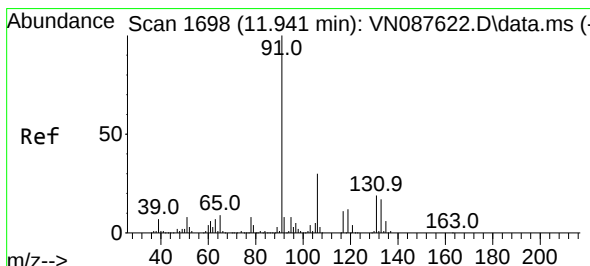
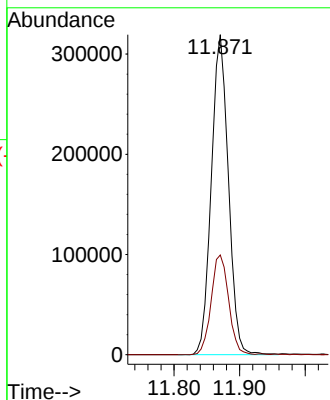
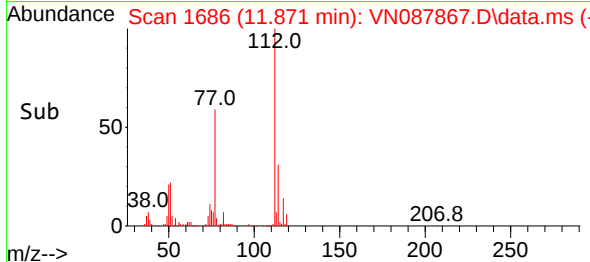
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



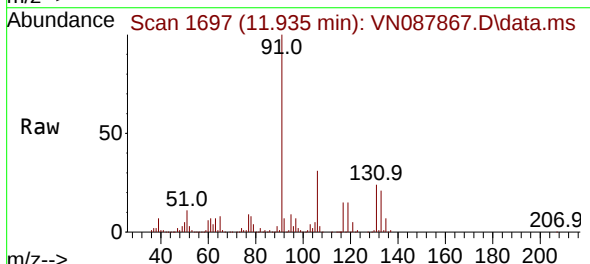
Tgt Ion:112 Resp: 575810
Ion Ratio Lower Upper
112 100
114 31.2 24.3 36.5

Manual Integrations
APPROVED

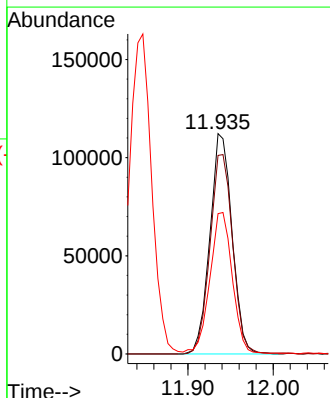
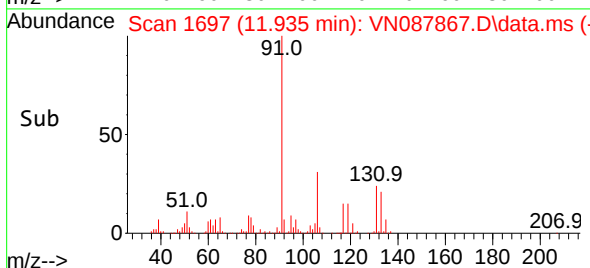
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

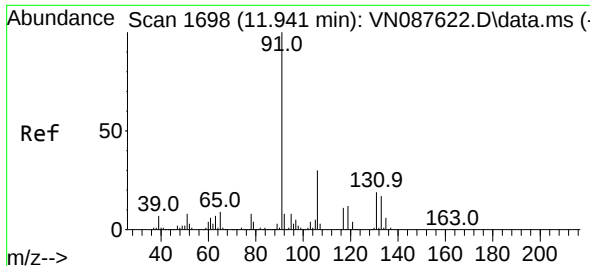


#66
1,1,1,2-Tetrachloroethane
Concen: 26.805 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



Tgt Ion:131 Resp: 202903
Ion Ratio Lower Upper
131 100
133 92.7 48.0 144.0
119 65.6 32.6 97.7





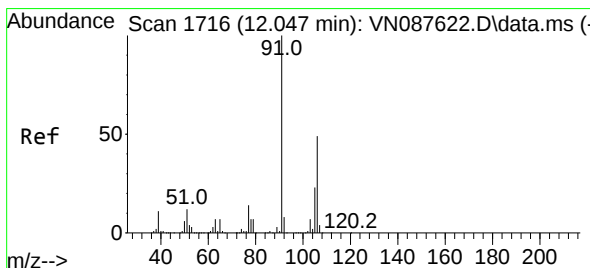
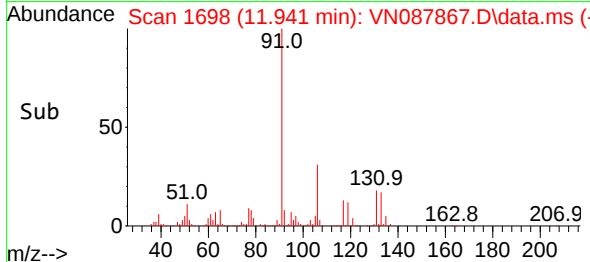
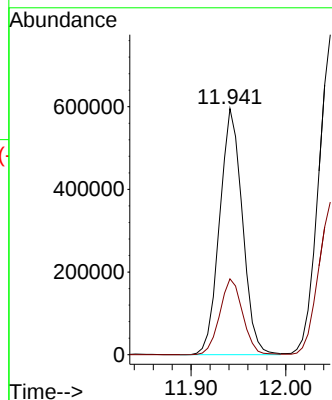
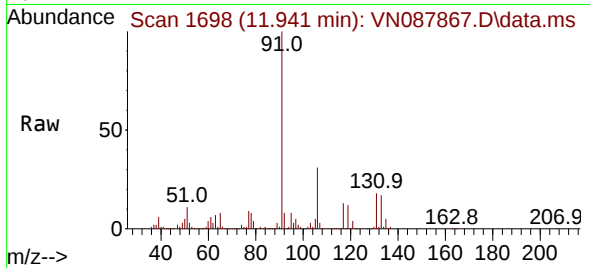
#67
Ethyl Benzene
Concen: 25.248 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 996720
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1

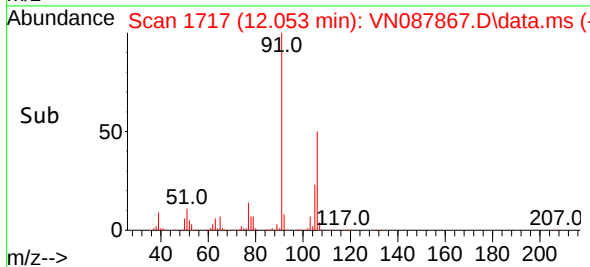
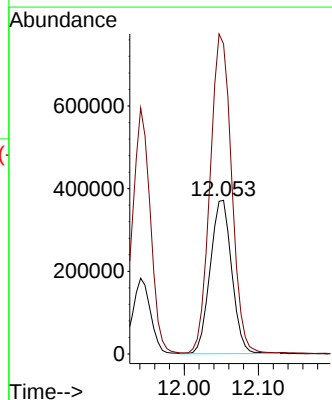
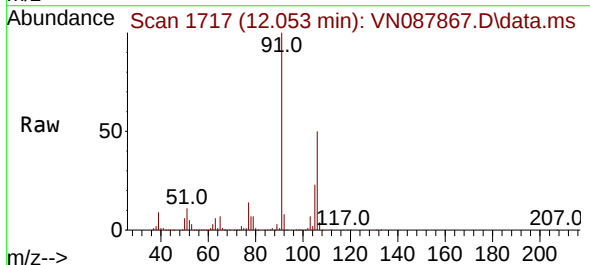
Manual Integrations
APPROVED

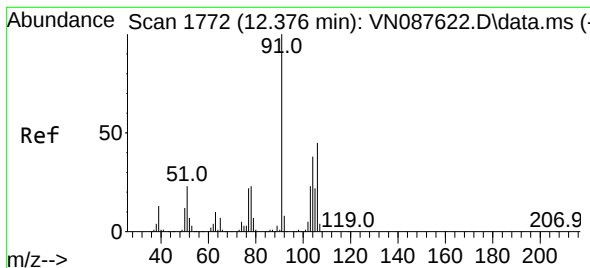
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#68
m/p-Xylenes
Concen: 51.765 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

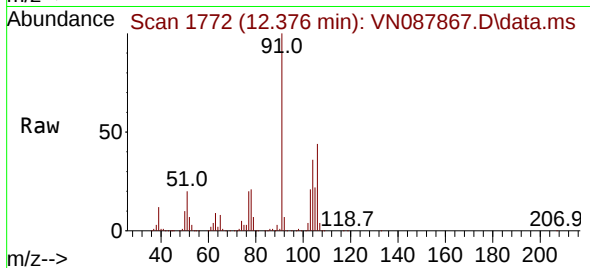
Tgt Ion:106 Resp: 749455
Ion Ratio Lower Upper
106 100
91 209.4 169.3 253.9





#69
o-Xylene
Concen: 25.752 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

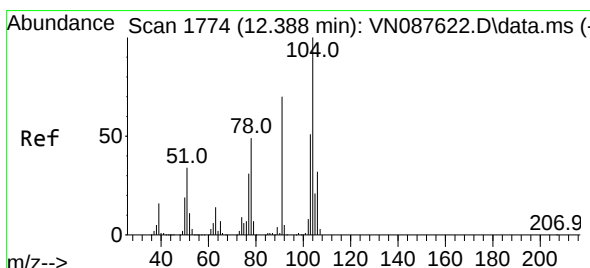
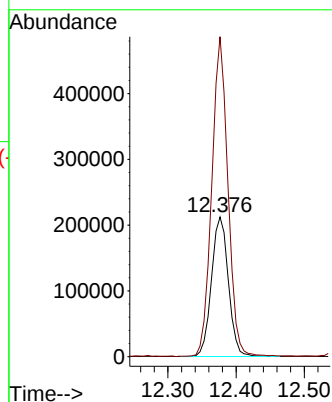
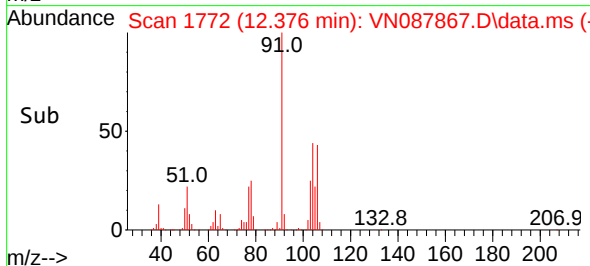
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 365380
Ion Ratio Lower Upper
106 100
91 219.8 111.4 334.2

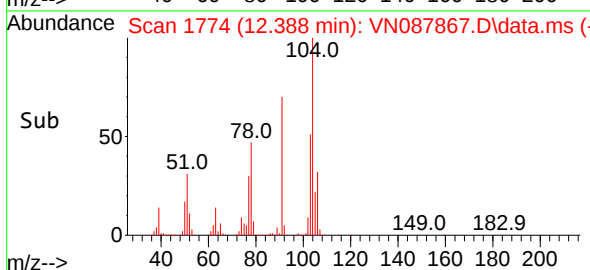
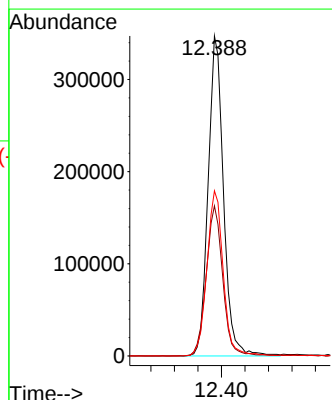
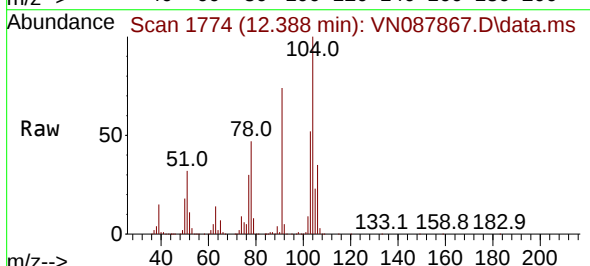
Manual Integrations
APPROVED

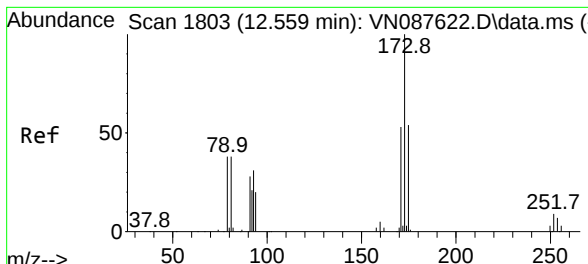
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#70
Styrene
Concen: 26.552 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

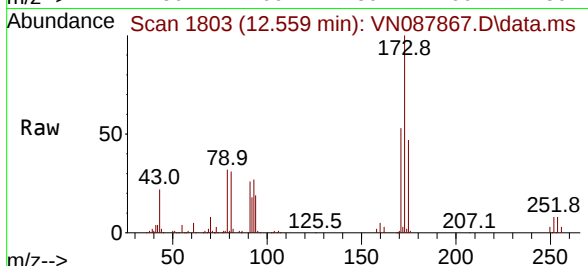
Tgt Ion:104 Resp: 631154
Ion Ratio Lower Upper
104 100
78 50.5 42.2 63.2
103 54.7 43.4 65.2





#71
Bromoform
Concen: 27.962 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

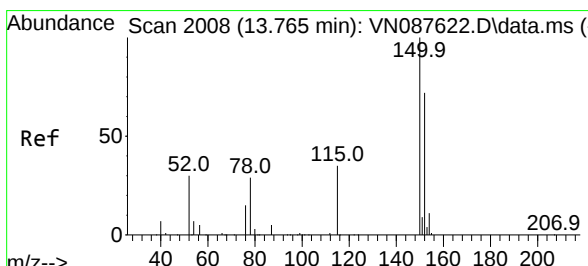
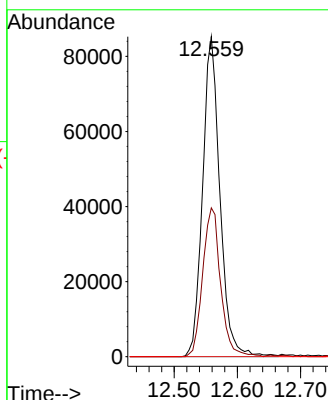
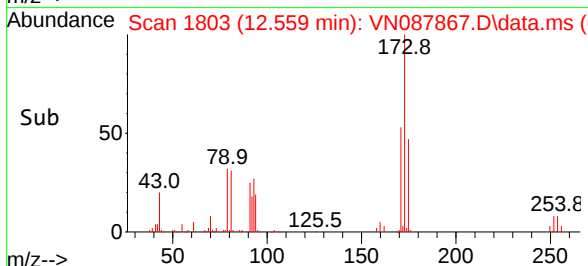
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



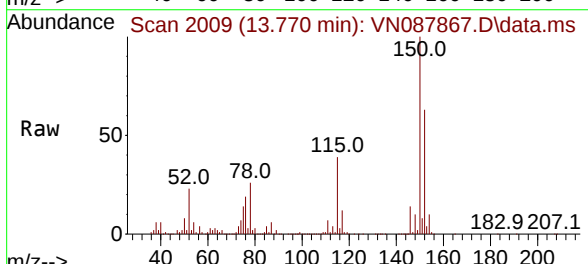
Tgt Ion:173 Resp: 16232
Ion Ratio Lower Upper
173 100
175 48.0 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

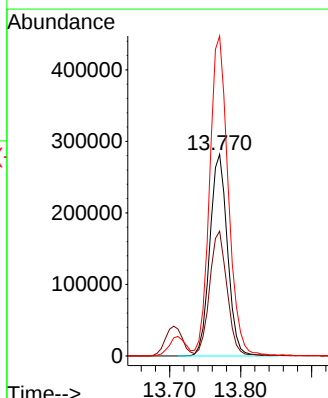
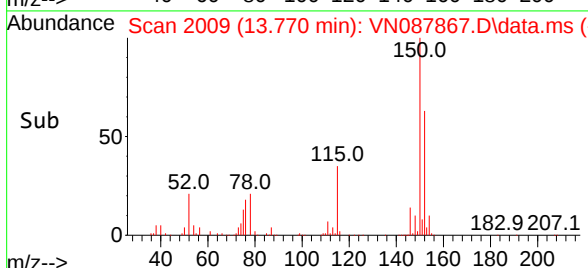
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

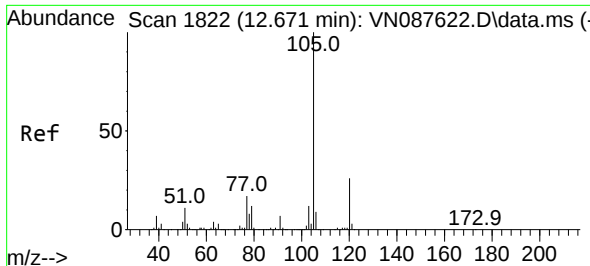


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



Tgt Ion:152 Resp: 486117
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 167.6 0.0 351.0





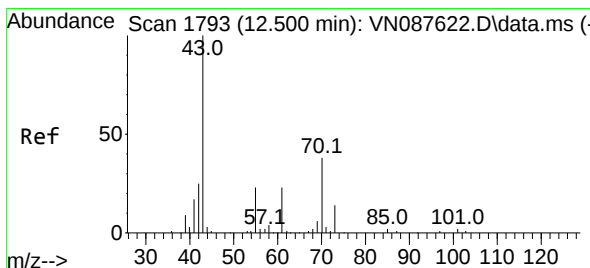
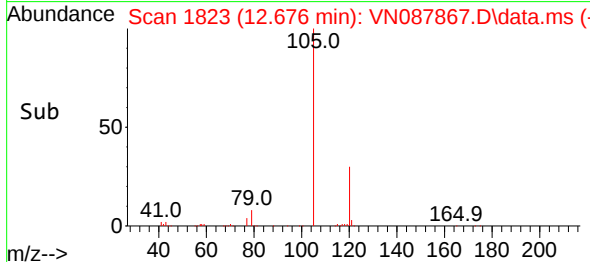
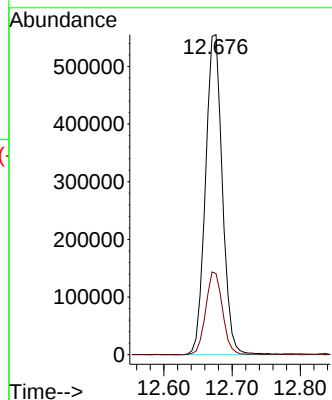
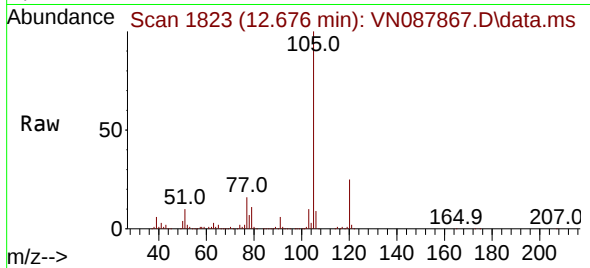
#73
Isopropylbenzene
Concen: 24.330 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 955700
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3

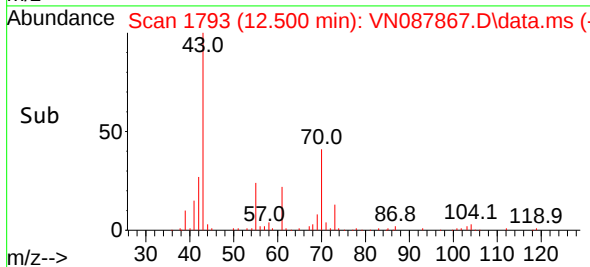
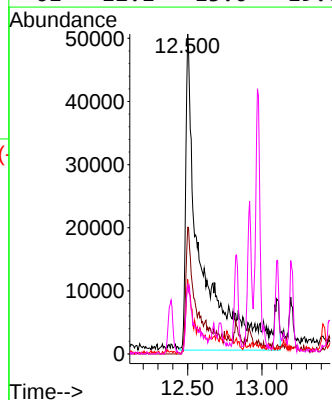
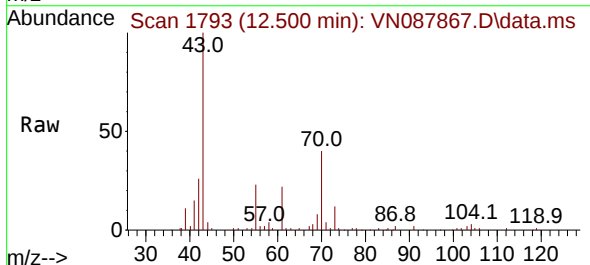
Manual Integrations
APPROVED

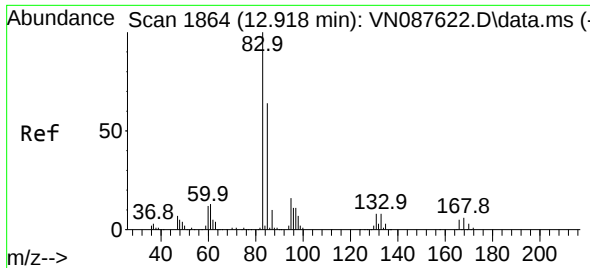
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#74
N-ethyl acetate
Concen: 24.564 ug/l m
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

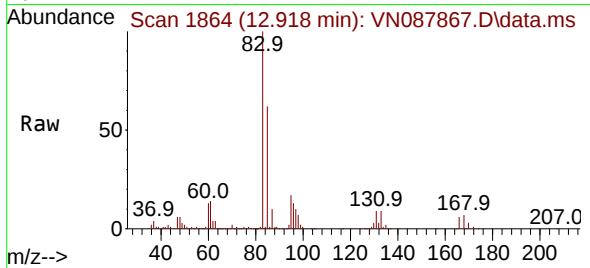
Tgt Ion: 43 Resp: 365669
Ion Ratio Lower Upper
43 100
70 18.5 27.6 41.4#
55 8.5 13.0 19.6#
61 12.1 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 22.889 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

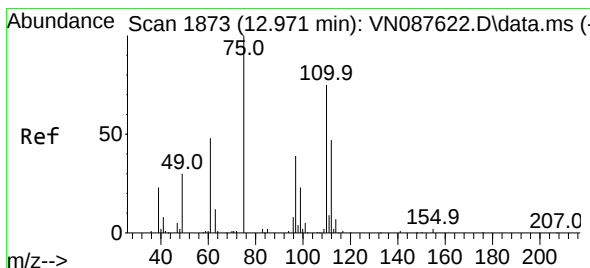
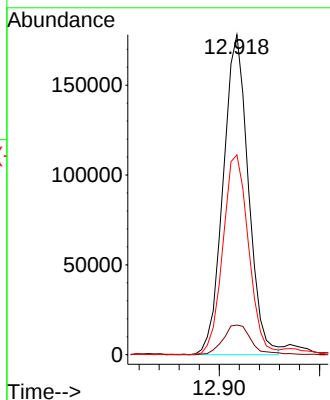
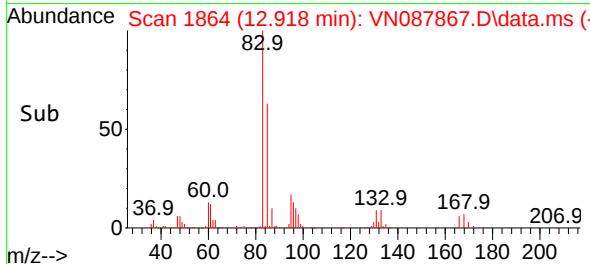
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



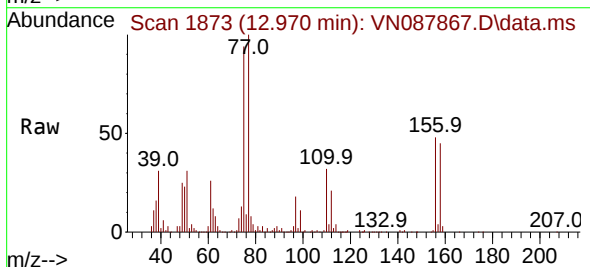
Tgt Ion: 83 Resp: 30955
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 63.8 32.1 96.3

Manual Integrations
APPROVED

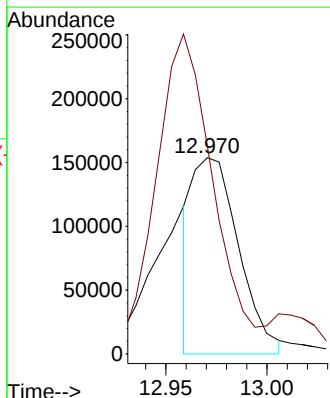
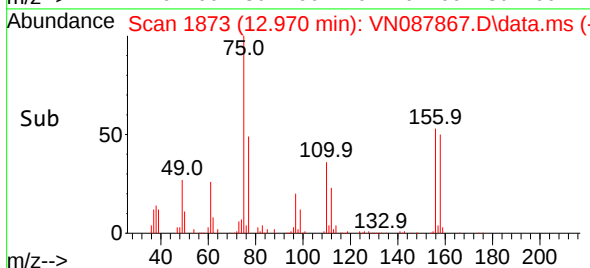
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

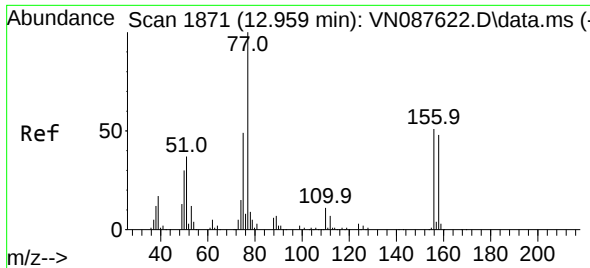


#76
1,2,3-Trichloropropane
Concen: 21.432 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



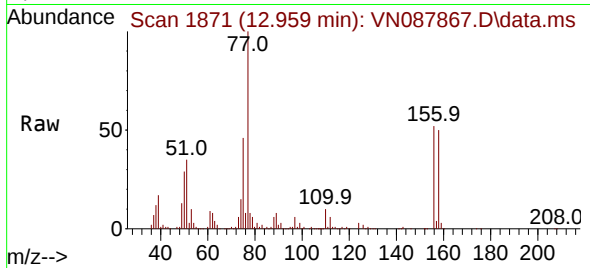
Tgt Ion: 75 Resp: 244314
Ion Ratio Lower Upper
75 100
77 201.5 89.1 267.4





#77
Bromobenzene
Concen: 24.945 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

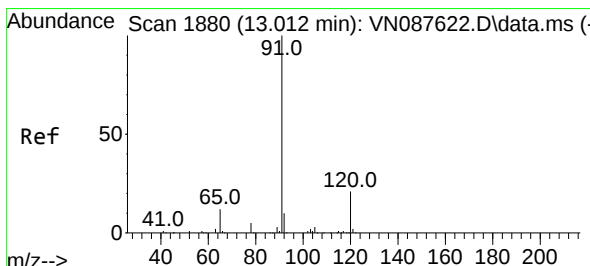
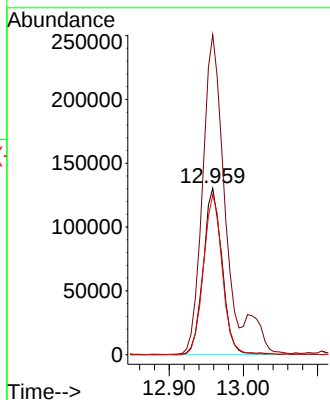
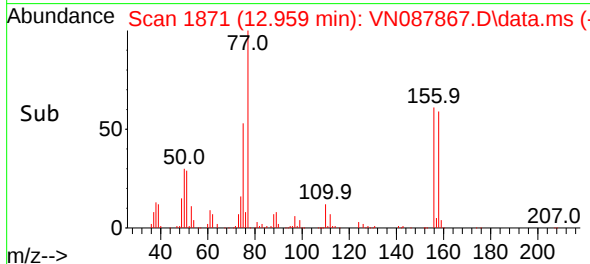
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 231036
Ion Ratio Lower Upper
156 100
77 213.0 119.3 358.0
158 96.4 48.2 144.6

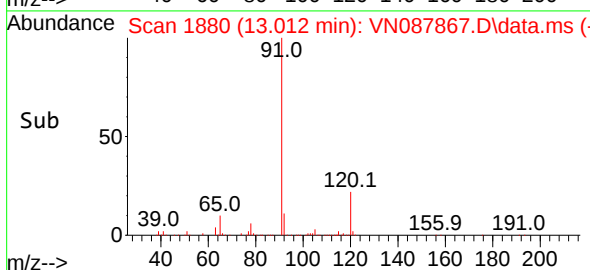
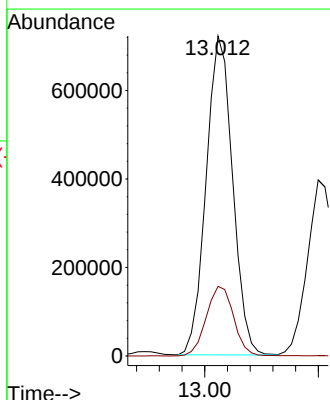
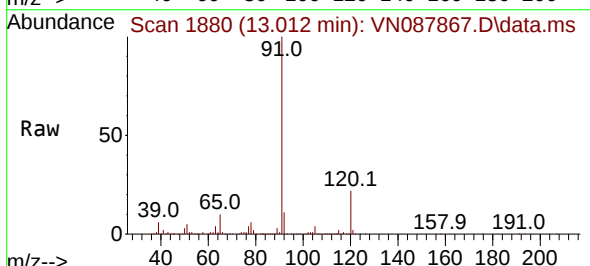
Manual Integrations
APPROVED

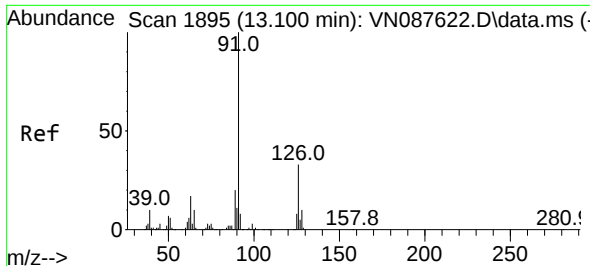
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#78
n-propylbenzene
Concen: 24.117 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

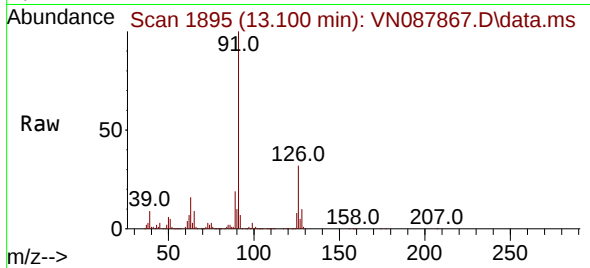
Tgt Ion: 91 Resp: 1166899
Ion Ratio Lower Upper
91 100
120 22.6 10.7 32.1





#79
2-Chlorotoluene
Concen: 23.406 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

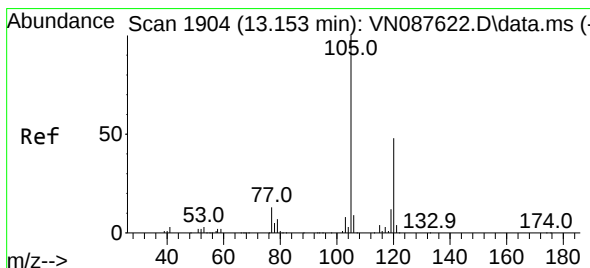
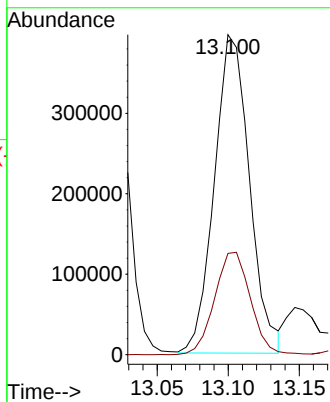
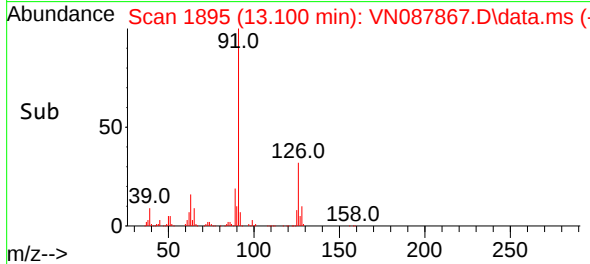
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 68150
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3

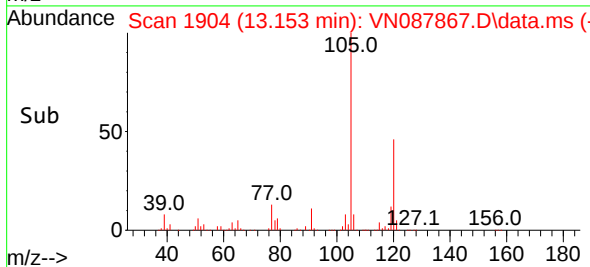
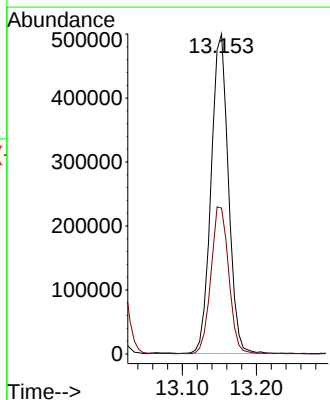
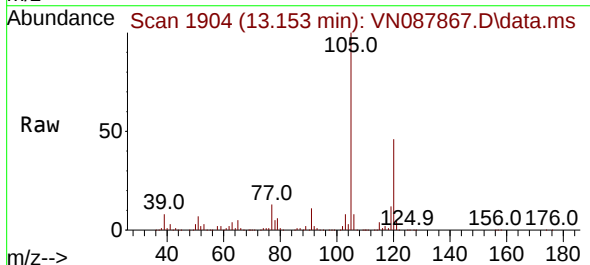
Manual Integrations
APPROVED

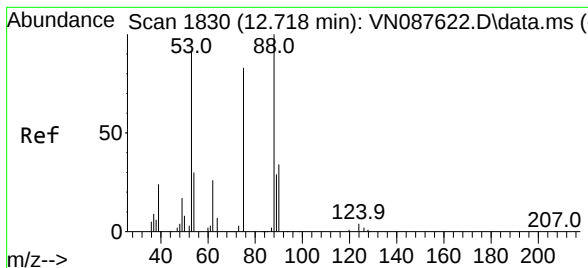
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 24.246 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Tgt Ion:105 Resp: 807964
Ion Ratio Lower Upper
105 100
120 47.9 23.2 69.6





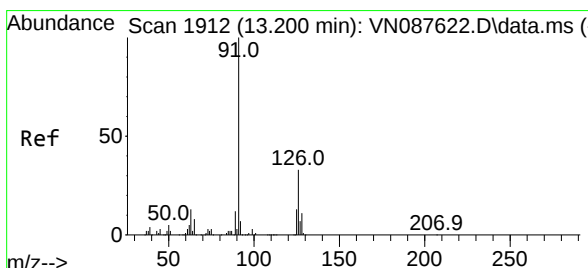
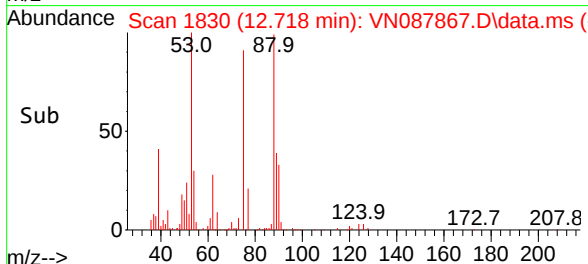
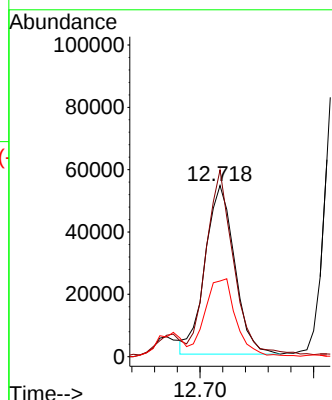
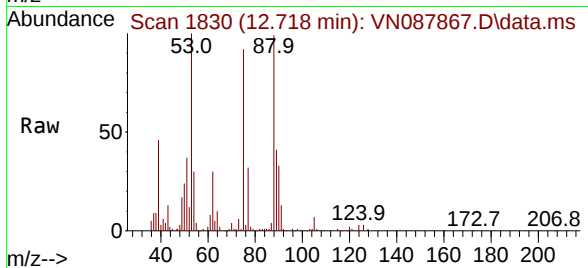
#81
trans-1,4-Dichloro-2-butene
Concen: 22.750 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 97962
Ion Ratio Lower Upper
75 100
53 101.5 101.8 152.6
89 48.1 35.6 53.4

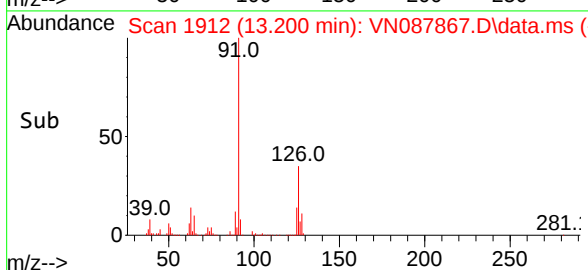
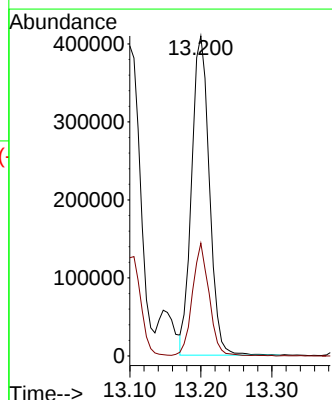
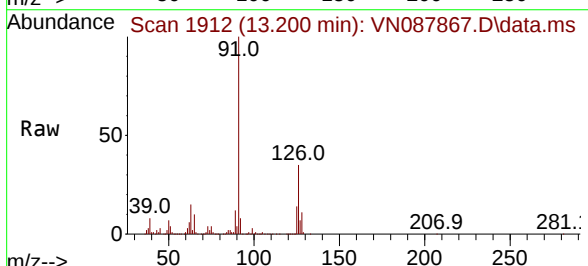
Manual Integrations
APPROVED

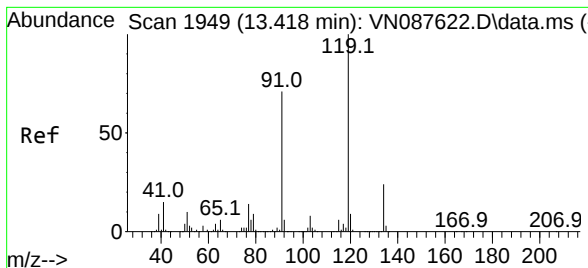
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#82
4-Chlorotoluene
Concen: 23.227 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

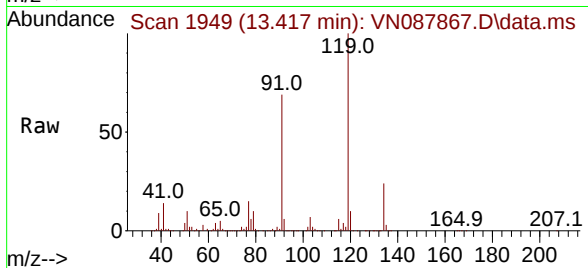
Tgt Ion: 91 Resp: 711080
Ion Ratio Lower Upper
91 100
126 33.6 15.6 46.8





#83
tert-Butylbenzene
Concen: 25.370 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

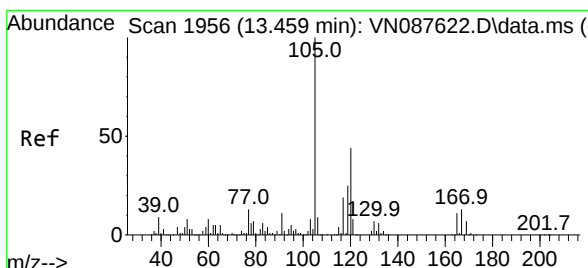
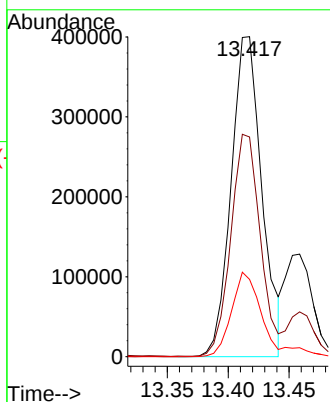
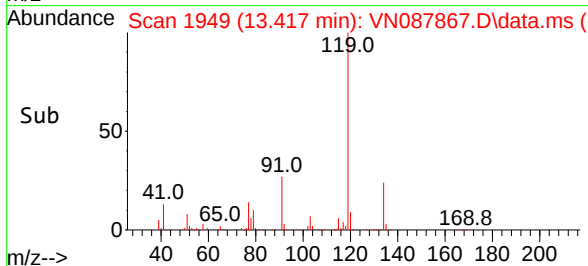
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



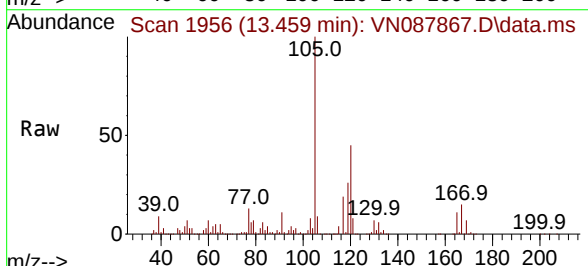
Tgt Ion:119 Resp: 704499
Ion Ratio Lower Upper
119 100
91 66.5 35.0 105.0
134 26.9 12.6 37.8

Manual Integrations
APPROVED

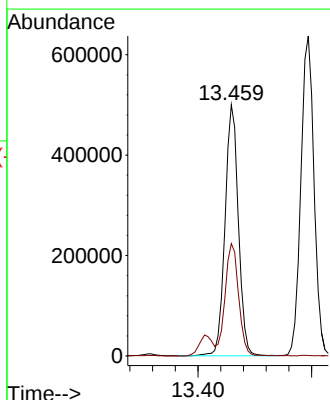
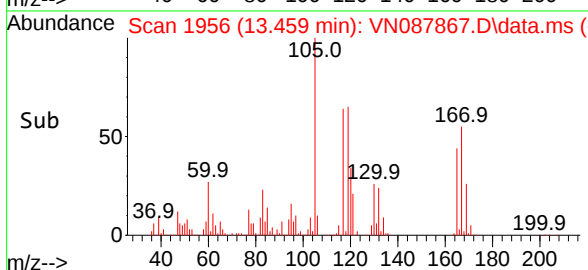
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

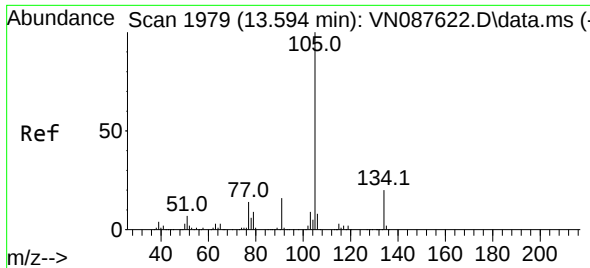


#84
1,2,4-Trimethylbenzene
Concen: 24.525 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



Tgt Ion:105 Resp: 818115
Ion Ratio Lower Upper
105 100
120 45.1 22.0 66.0





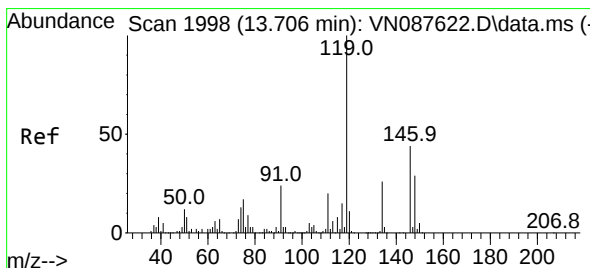
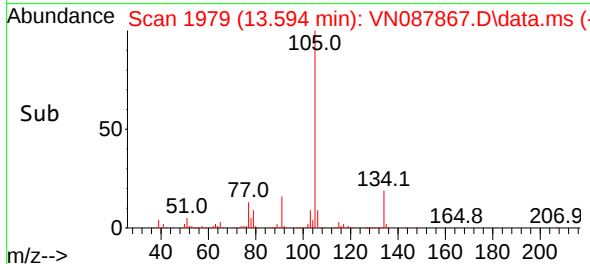
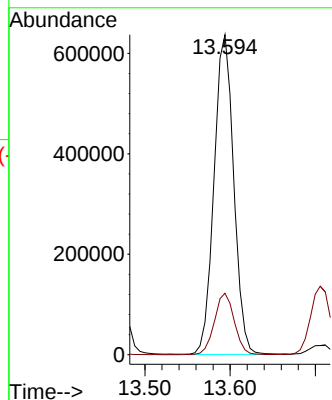
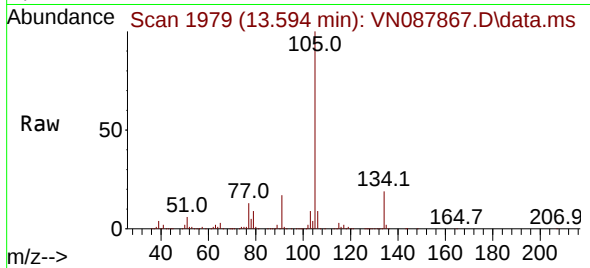
#85
 sec-Butylbenzene
 Concen: 24.835 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087867.D
 Acq: 16 Sep 2025 21:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 102342
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6

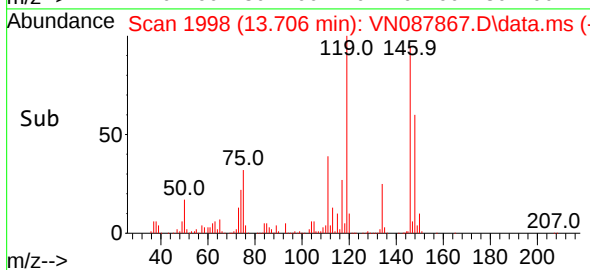
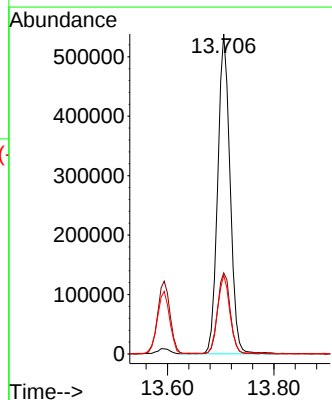
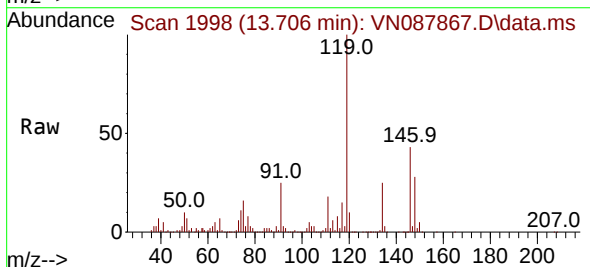
Manual Integrations
 APPROVED

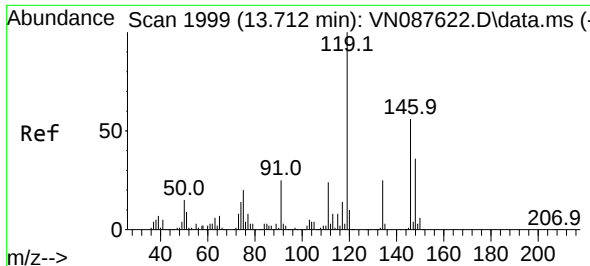
Reviewed By :John Carlone 09/17/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#86
 p-Isopropyltoluene
 Concen: 25.378 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087867.D
 Acq: 16 Sep 2025 21:26

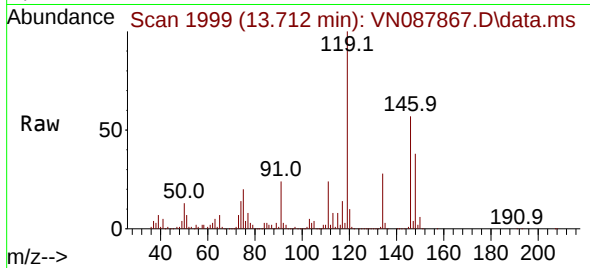
Tgt Ion:119 Resp: 863549
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 24.3 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 24.253 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

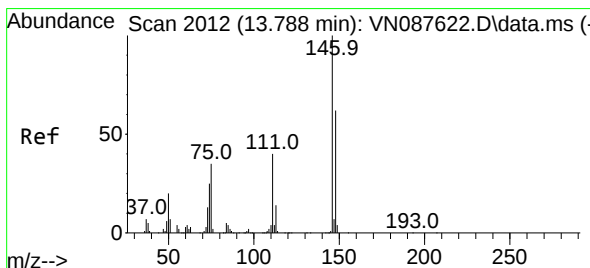
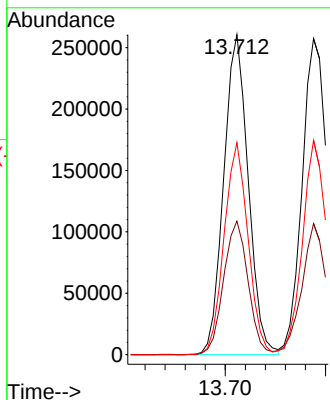
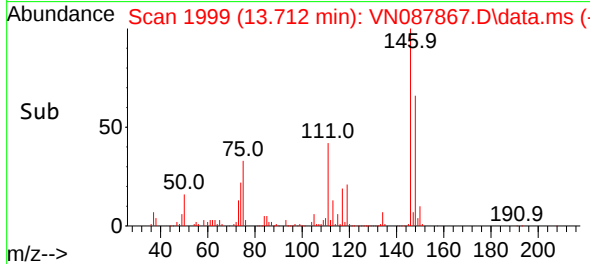
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



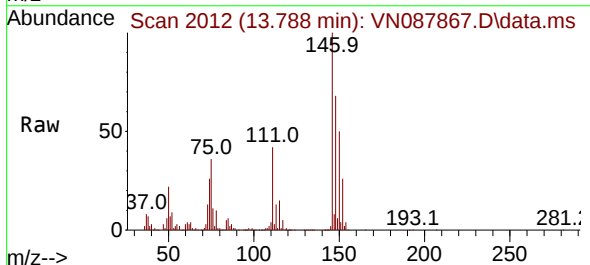
Tgt Ion:146 Resp: 442350
Ion Ratio Lower Upper
146 100
111 41.6 22.1 66.5
148 64.6 32.0 96.2

Manual Integrations
APPROVED

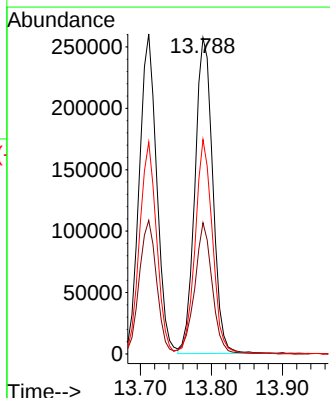
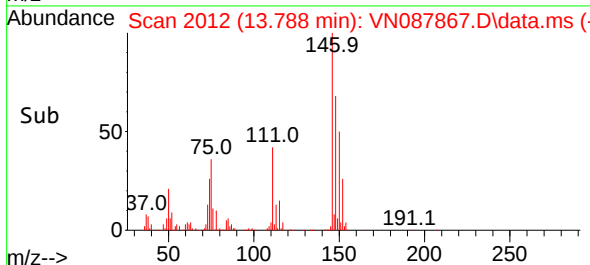
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

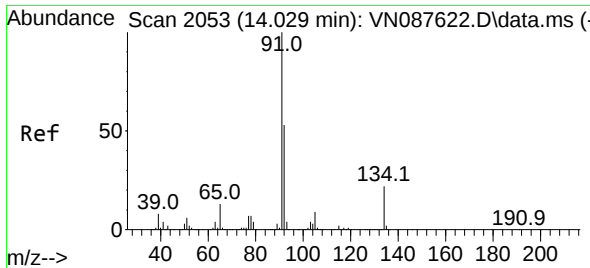


#88
1,4-Dichlorobenzene
Concen: 23.686 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



Tgt Ion:146 Resp: 449588
Ion Ratio Lower Upper
146 100
111 40.6 21.0 63.0
148 65.4 32.0 96.0





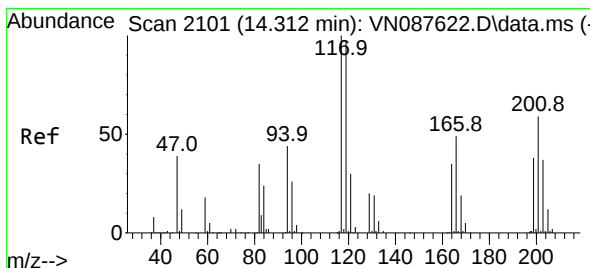
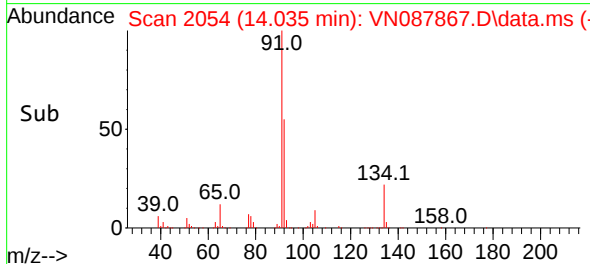
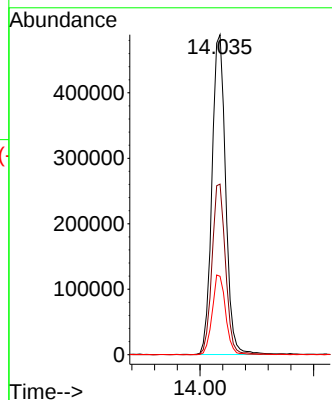
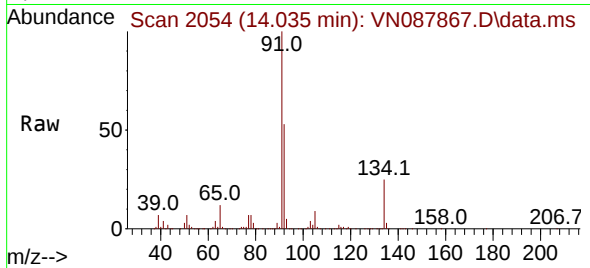
#89
n-Butylbenzene
Concen: 24.041 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 812450
Ion Ratio Lower Upper
91 100
92 53.0 25.9 77.8
134 24.4 11.7 35.0

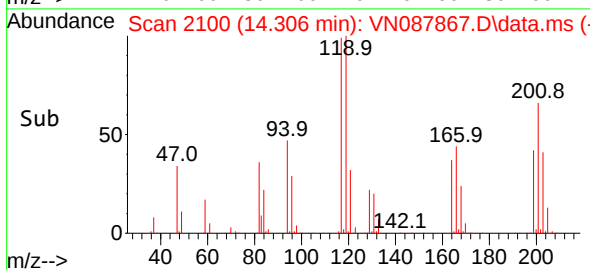
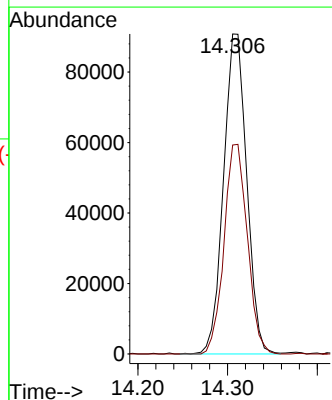
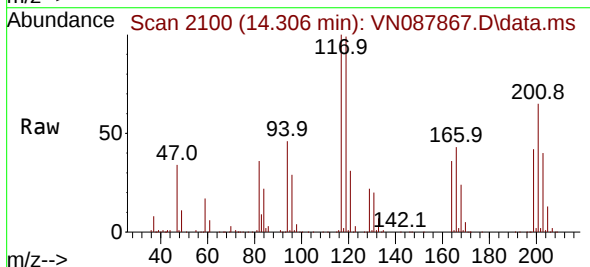
Manual Integrations
APPROVED

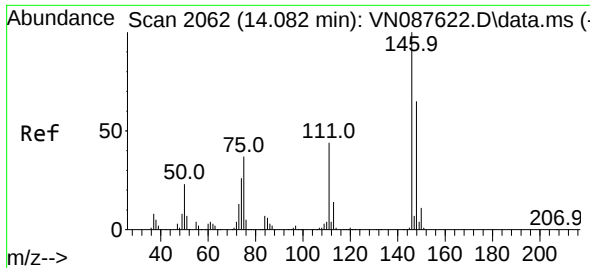
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#90
Hexachloroethane
Concen: 25.118 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

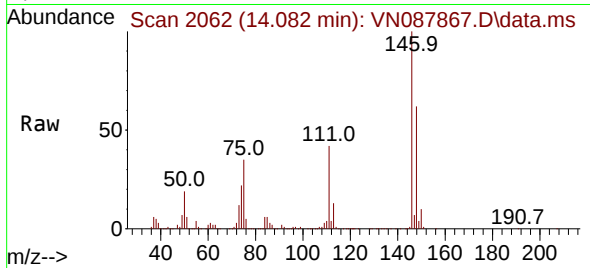
Tgt Ion:117 Resp: 162837
Ion Ratio Lower Upper
117 100
201 65.8 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 24.499 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

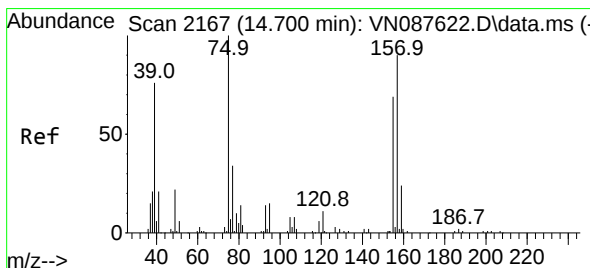
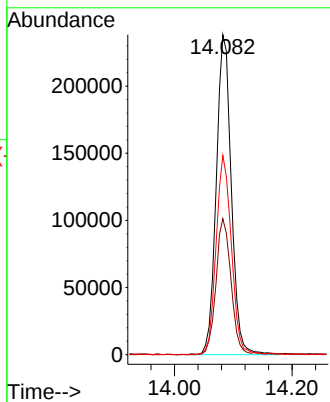
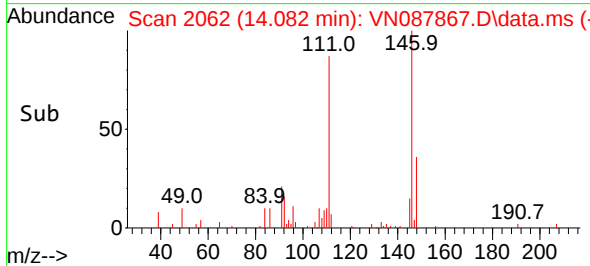
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



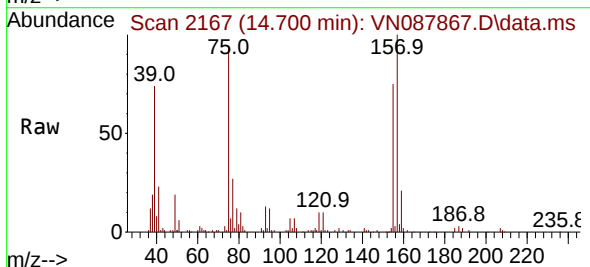
Tgt Ion:146 Resp: 42392
Ion Ratio Lower Upper
146 100
111 43.0 22.6 67.8
148 63.2 31.9 95.9

Manual Integrations
APPROVED

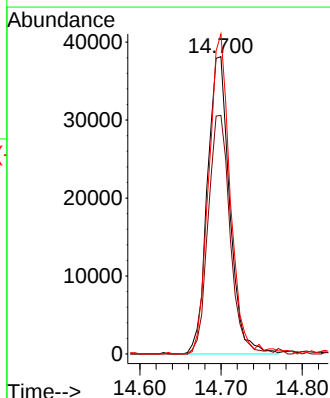
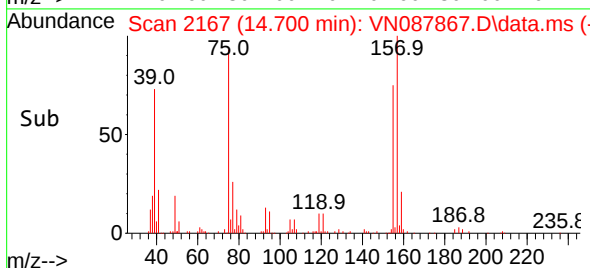
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

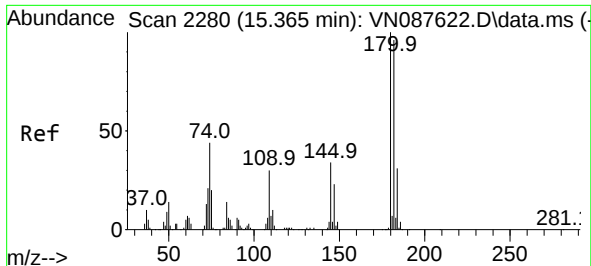


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.584 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



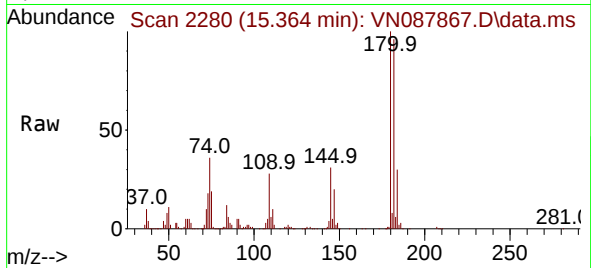
Tgt Ion: 75 Resp: 72554
Ion Ratio Lower Upper
75 100
155 78.7 36.6 109.9
157 104.2 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 25.200 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

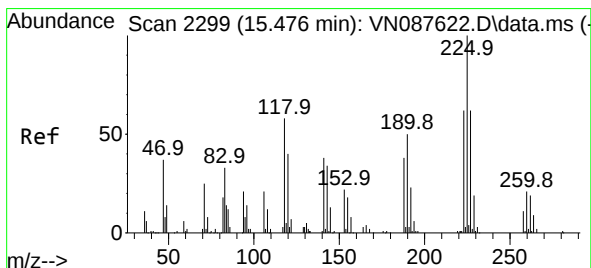
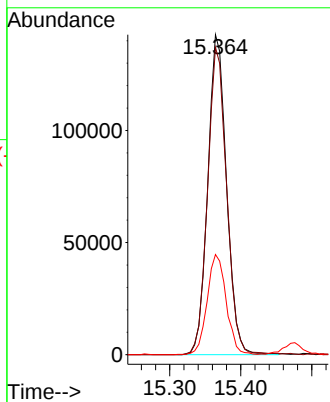
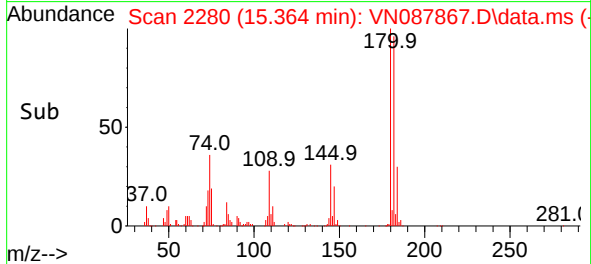
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



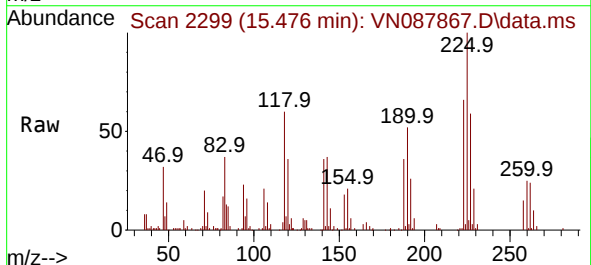
Tgt Ion:180 Resp: 26184
Ion Ratio Lower Upper
180 100
182 97.7 47.6 142.9
145 31.9 16.5 49.5

Manual Integrations
APPROVED

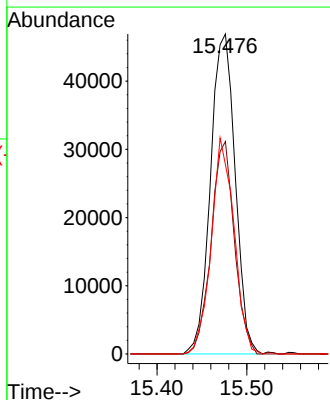
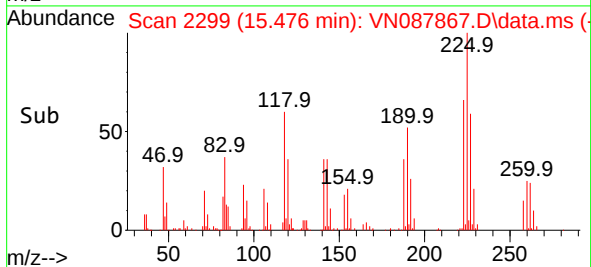
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

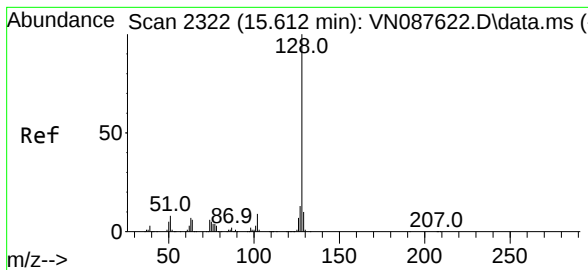


#94
Hexachlorobutadiene
Concen: 24.191 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



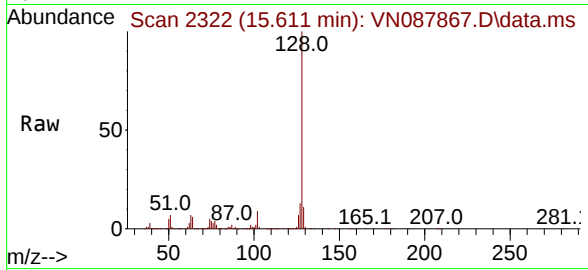
Tgt Ion:225 Resp: 89613
Ion Ratio Lower Upper
225 100
223 62.7 32.0 96.2
227 62.4 32.1 96.5





#95
Naphthalene
Concen: 24.945 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26

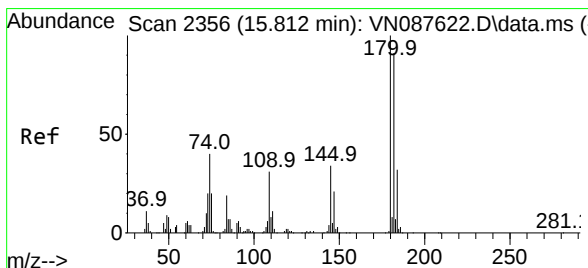
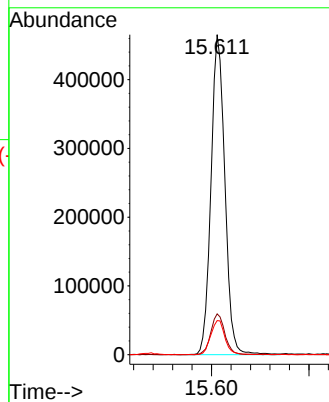
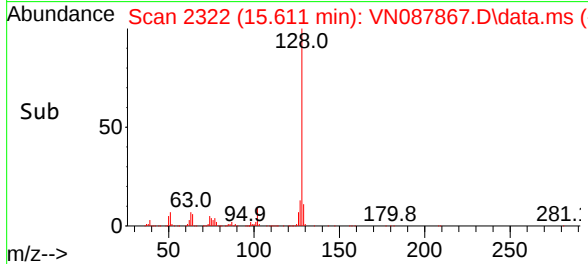
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



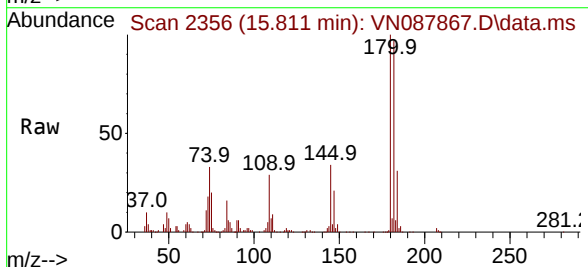
Tgt Ion:128 Resp: 918100
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 24.671 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087867.D
Acq: 16 Sep 2025 21:26



Tgt Ion:180 Resp: 250608
Ion Ratio Lower Upper
180 100
182 96.0 46.8 140.3
145 35.5 17.3 52.0

