

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087987.D
 Acq On : 29 Sep 2025 16:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 30 03:58:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	240453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	459628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	415784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	216251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	214171	52.926	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.860%			
35) Dibromofluoromethane	8.153	113	153995	46.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.300%			
50) Toluene-d8	10.547	98	508008	43.288	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 86.580%			
62) 4-Bromofluorobenzene	12.829	95	188230	44.872	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	106968	38.413	ug/l	99
3) Chloromethane	2.383	50	136190	47.765	ug/l	99
4) Vinyl Chloride	2.536	62	127711	43.904	ug/l	94
5) Bromomethane	2.965	94	91281	50.617	ug/l	92
6) Chloroethane	3.130	64	92348	48.826	ug/l	99
7) Trichlorofluoromethane	3.506	101	189748	40.064	ug/l	98
8) Diethyl Ether	3.959	74	100632	56.242	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	96985	38.744	ug/l	94
10) Methyl Iodide	4.577	142	150159	66.651	ug/l	97
11) Tert butyl alcohol	5.524	59	194725	334.088	ug/l #	87
12) 1,1-Dichloroethene	4.336	96	112004	44.345	ug/l	95
13) Acrolein	4.177	56	223890	299.372	ug/l	94
14) Allyl chloride	5.006	41	209449	50.936	ug/l	97
15) Acrylonitrile	5.712	53	533781	291.958	ug/l	100
16) Acetone	4.424	43	424011	254.666	ug/l	97
17) Carbon Disulfide	4.706	76	324419	41.110	ug/l	96
18) Methyl Acetate	5.018	43	276861	66.445	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	588727	59.669	ug/l	100
20) Methylene Chloride	5.259	84	173542	51.495	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	140970	45.528	ug/l	90
22) Diisopropyl ether	6.659	45	550428	57.341	ug/l	97
23) Vinyl Acetate	6.588	43	2539551	314.207	ug/l	98
24) 1,1-Dichloroethane	6.553	63	288352	51.417	ug/l	97
25) 2-Butanone	7.471	43	755935	297.048	ug/l	100
26) 2,2-Dichloropropane	7.477	77	170376	34.194	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	188651	51.205	ug/l	98
28) Bromochloromethane	7.794	49	148054	48.590	ug/l	97
29) Tetrahydrofuran	7.829	42	491820	301.824	ug/l	99
30) Chloroform	7.947	83	318470	51.936	ug/l	100
31) Cyclohexane	8.241	56	176575	38.913	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	240678	46.451	ug/l	100
36) 1,1-Dichloropropene	8.359	75	172350	42.951	ug/l	99
37) Ethyl Acetate	7.547	43	288298	54.712	ug/l	99
38) Carbon Tetrachloride	8.347	117	191078	41.497	ug/l	97
39) Methylcyclohexane	9.582	83	180380	40.748	ug/l	95
40) Benzene	8.588	78	625216	47.057	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	146868	53.933	ug/l	92
42) 1,2-Dichloroethane	8.653	62	256184	51.668	ug/l	100
43) Isopropyl Acetate	8.676	43	467126	56.318	ug/l	99
44) Trichloroethene	9.335	130	141640	44.630	ug/l	98
45) 1,2-Dichloropropane	9.600	63	167878	50.390	ug/l	97
46) Dibromomethane	9.688	93	136294	51.845	ug/l	98
47) Bromodichloromethane	9.865	83	261000	50.619	ug/l	99
48) Methyl methacrylate	9.665	41	219317	57.098	ug/l	97
49) 1,4-Dioxane	9.682	88	62734	1105.560	ug/l	99
51) 4-Methyl-2-Pentanone	10.423	43	1503146	290.426	ug/l	99
52) Toluene	10.612	92	376172	45.118	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	256114	48.533	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	266905	48.697	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	173901	51.297	ug/l	97
56) Ethyl methacrylate	10.853	69	285859	58.357	ug/l	98
57) 1,3-Dichloropropane	11.141	76	292749	52.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	783801	340.313	ug/l	99
59) 2-Hexanone	11.176	43	1048502	306.378	ug/l	99
60) Dibromochloromethane	11.335	129	205167	51.473	ug/l	99
61) 1,2-Dibromoethane	11.447	107	184618	51.442	ug/l	99
64) Tetrachloroethene	11.082	164	117142	46.251	ug/l	96
65) Chlorobenzene	11.870	112	417241	47.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	164358	51.510	ug/l	99
67) Ethyl Benzene	11.941	91	692884	46.930	ug/l	98
68) m/p-Xylenes	12.047	106	530291	93.913	ug/l	98
69) o-Xylene	12.376	106	258375	47.627	ug/l	98
70) Styrene	12.388	104	460977	49.476	ug/l	99
71) Bromoform	12.559	173	144579	55.849	ug/l #	100
73) Isopropylbenzene	12.676	105	633045	47.233	ug/l	99
74) N-amyl acetate	12.500	43	224151m	50.758	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	270590	56.034	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	217174m	50.947	ug/l	
77) Bromobenzene	12.959	156	173713	48.713	ug/l	96
78) n-propylbenzene	13.011	91	773378	46.153	ug/l	99
79) 2-Chlorotoluene	13.106	91	485839	47.617	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	551523	47.574	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	83236	54.221	ug/l	90
82) 4-Chlorotoluene	13.200	91	485768	47.249	ug/l	97
83) tert-Butylbenzene	13.417	119	471486	48.049	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	570094	47.944	ug/l	99
85) sec-Butylbenzene	13.594	105	661375	45.972	ug/l	98
86) p-Isopropyltoluene	13.706	119	559929	45.954	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	323337	46.464	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	331177	46.309	ug/l	99
89) n-Butylbenzene	14.035	91	522130	45.343	ug/l	100
90) Hexachloroethane	14.311	117	111190	43.686	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	326447	48.668	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	63847	56.902	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	192878	48.701	ug/l	96
94) Hexachlorobutadiene	15.476	225	62410	42.814	ug/l	97
95) Naphthalene	15.611	128	729010	57.344	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	190760	49.545	ug/l	98

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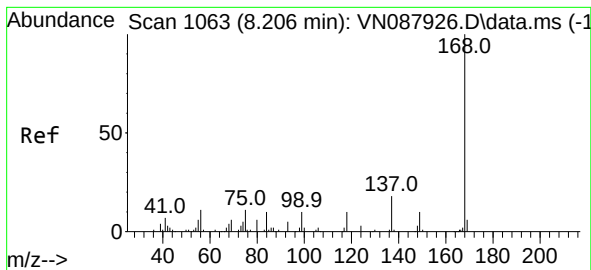
Manual Integrations
APPROVED

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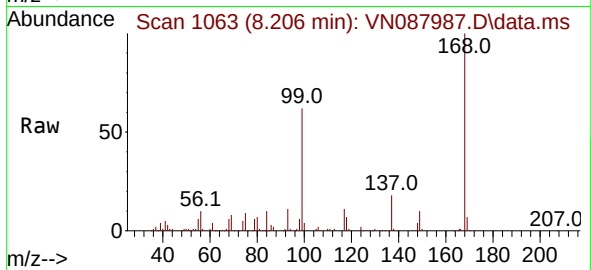
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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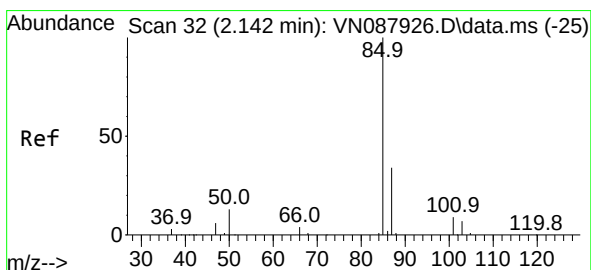
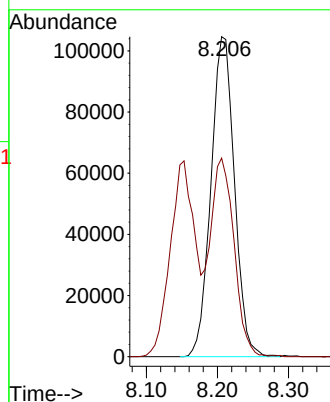
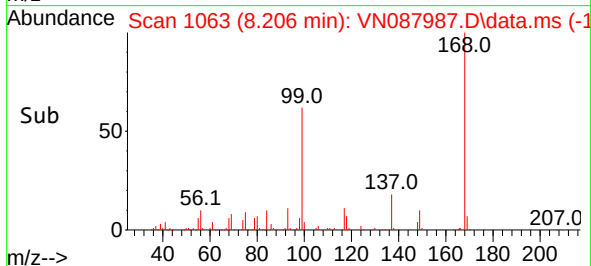
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 24045
Ion Ratio Lower Upper
168 100
99 61.7 52.2 78.2

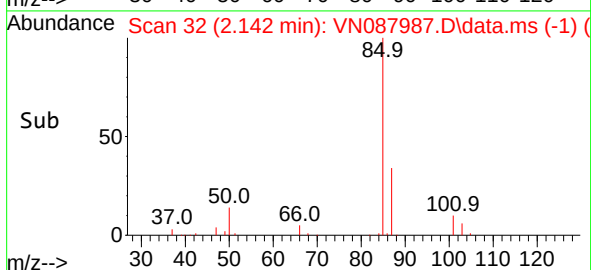
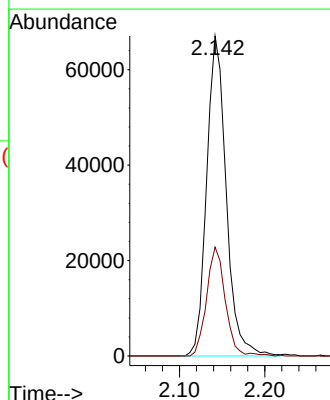
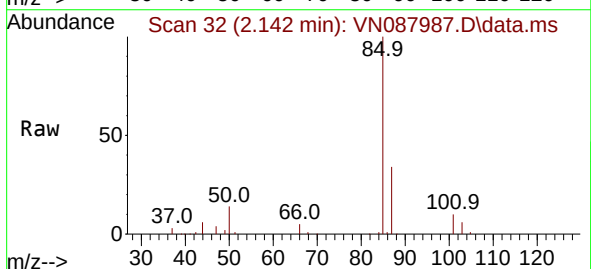
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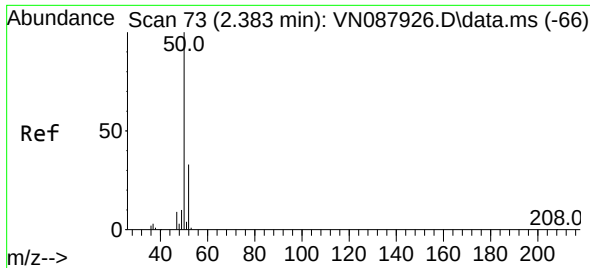
Reviewed By :John Carlone 09/30/2025
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#2
Dichlorodifluoromethane
Concen: 38.413 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

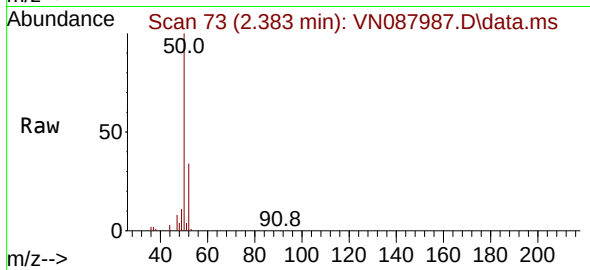
Tgt Ion: 85 Resp: 106968
Ion Ratio Lower Upper
85 100
87 34.0 16.9 50.6





#3
Chloromethane
Concen: 47.765 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN087987.D
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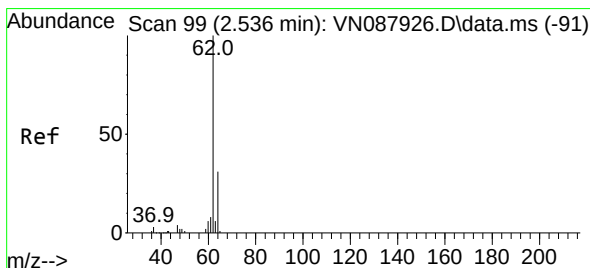
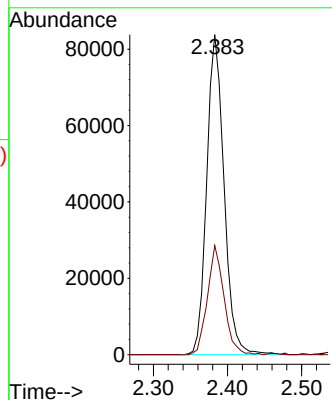
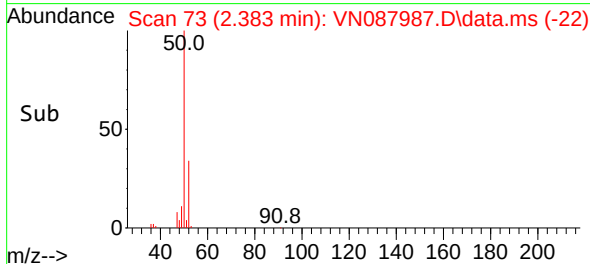
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Tgt Ion: 50 Resp: 136190
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0

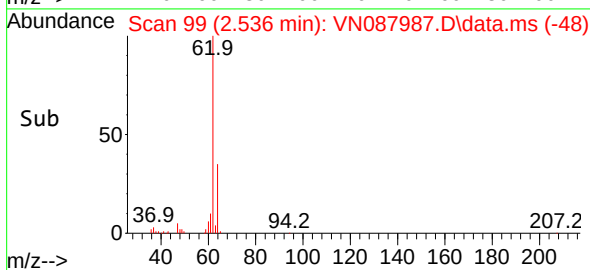
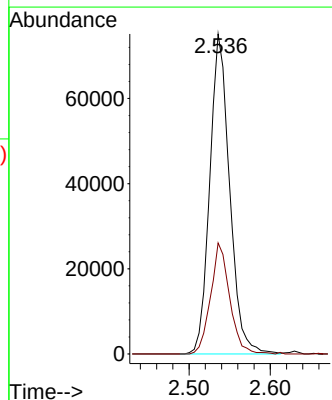
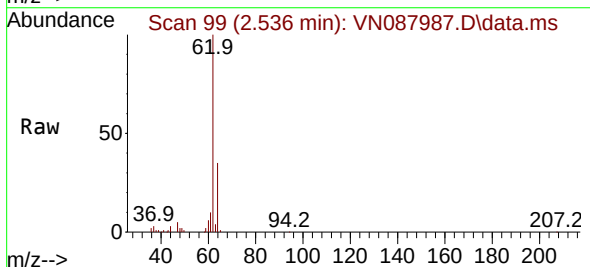
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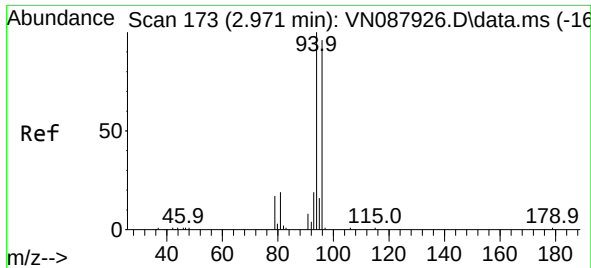
Reviewed By :John Carlone 09/30/2025
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#4
Vinyl Chloride
Concen: 43.904 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
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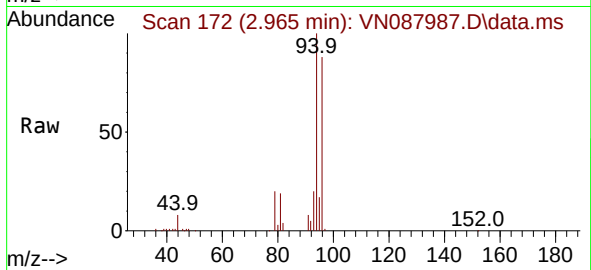
Tgt Ion: 62 Resp: 127711
Ion Ratio Lower Upper
62 100
64 34.7 25.2 37.8





#5
Bromomethane
Concen: 50.617 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087987.D
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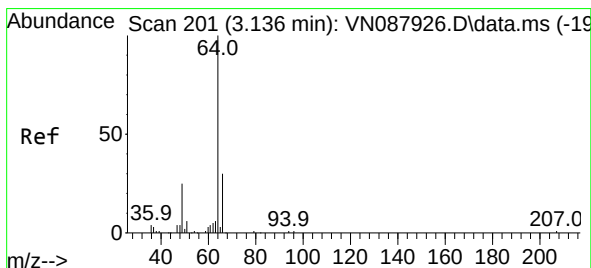
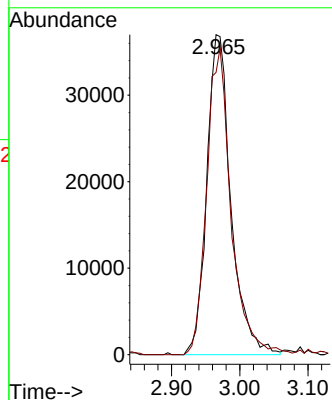
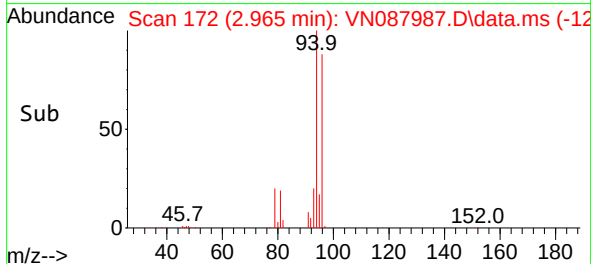
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Tgt Ion: 94 Resp: 9128
Ion Ratio Lower Upper
94 100
96 88.2 76.8 115.2

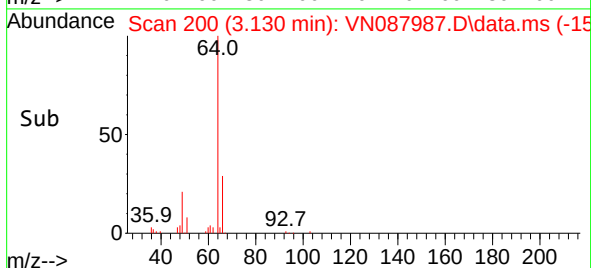
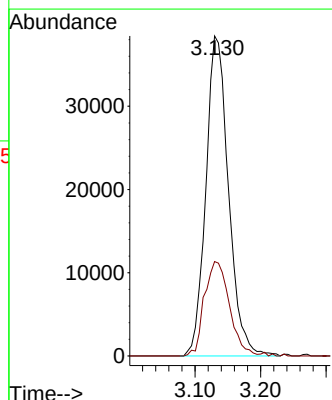
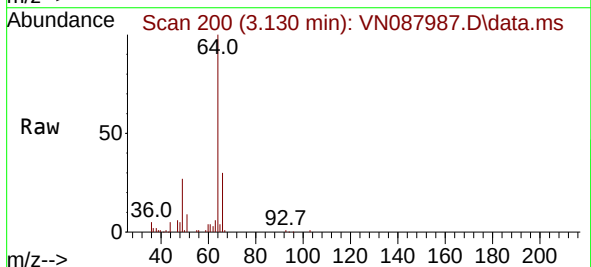
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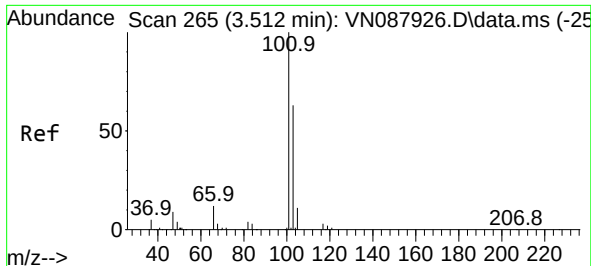
Reviewed By :John Carlone 09/30/2025
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#6
Chloroethane
Concen: 48.826 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
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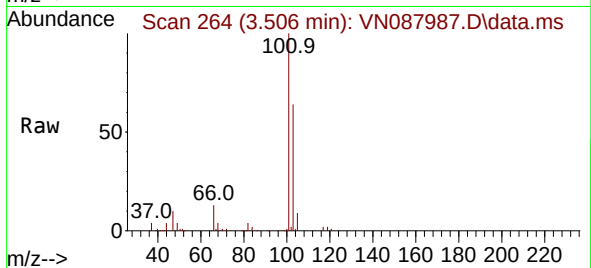
Tgt Ion: 64 Resp: 92348
Ion Ratio Lower Upper
64 100
66 29.5 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 40.064 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087987.D
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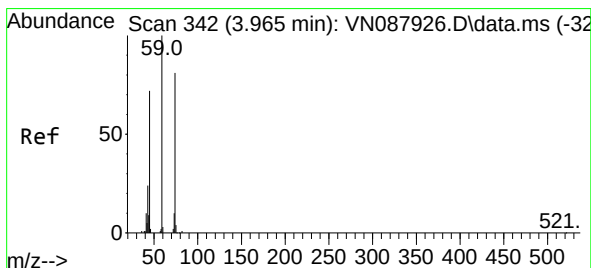
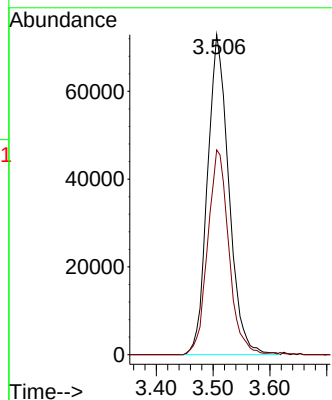
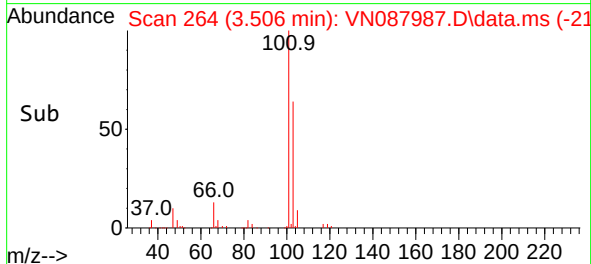
Instrument :
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Tgt Ion:101 Resp: 18974
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.2 75.4

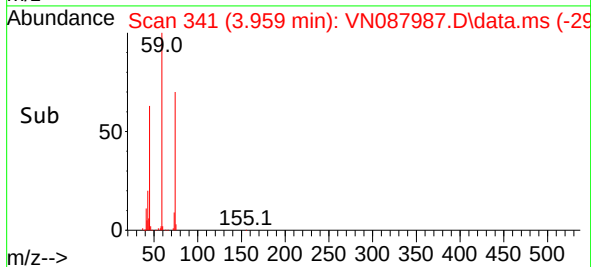
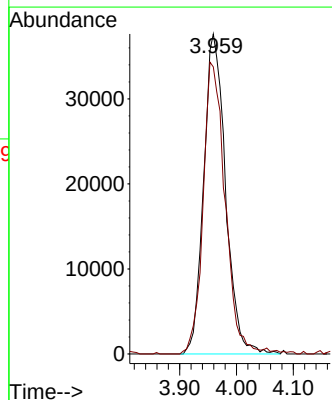
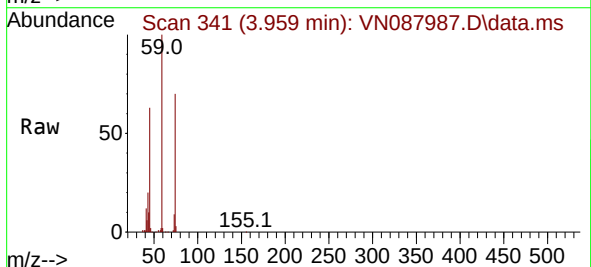
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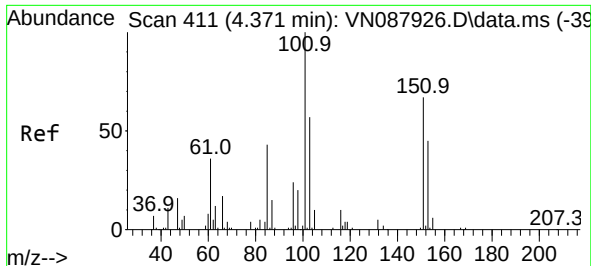
Reviewed By :John Carlone 09/30/2025
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#8
 Diethyl Ether
 Concen: 56.242 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 100632
 Ion Ratio Lower Upper
 74 100
 45 91.2 45.4 136.1





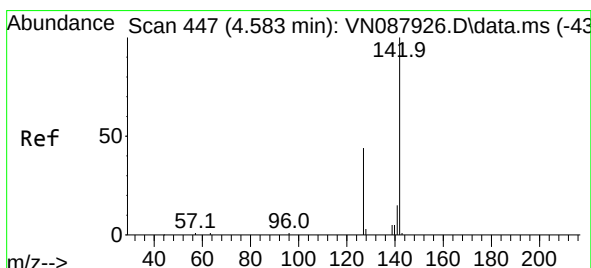
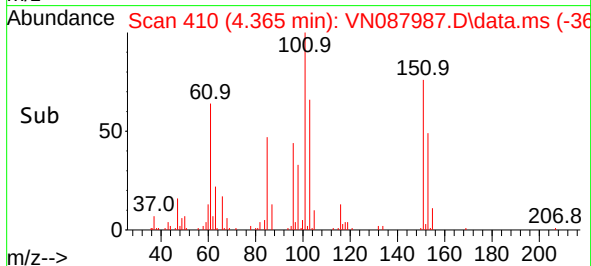
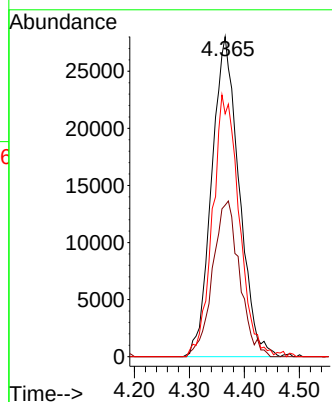
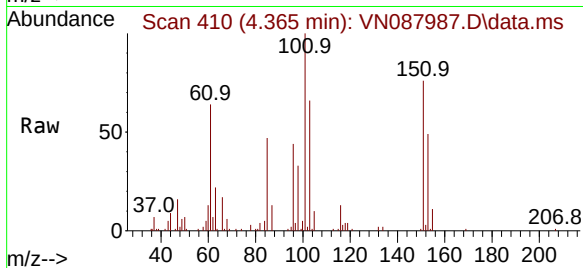
#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.744 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087987.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9698
Ion Ratio Lower Upper
101 100
85 47.9 36.5 54.7
151 79.4 58.6 87.8

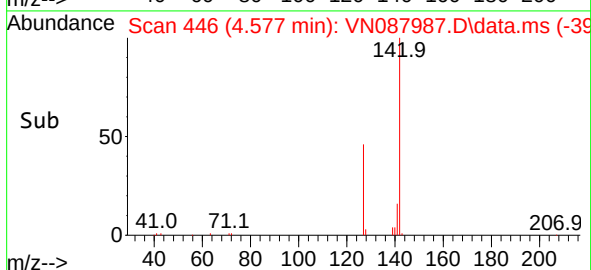
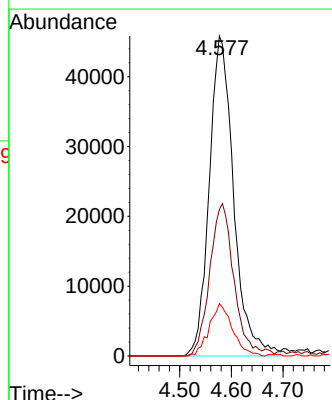
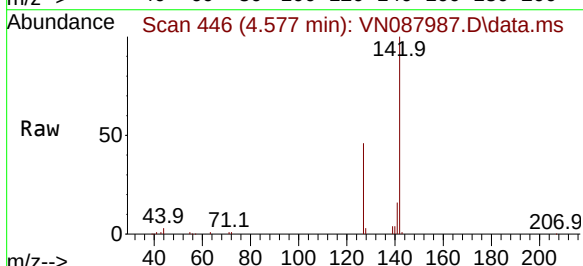
Manual Integrations
APPROVED

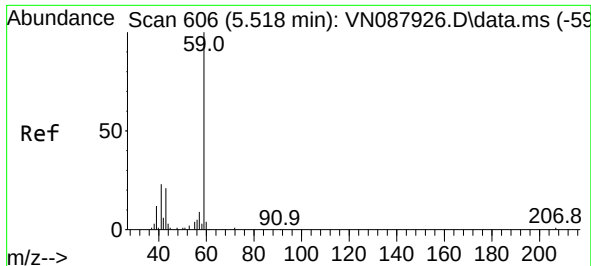
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#10
Methyl Iodide
Concen: 66.651 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

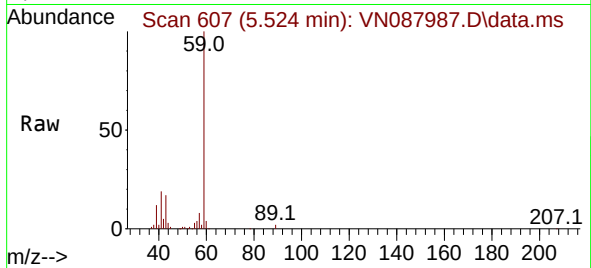
Tgt Ion:142 Resp: 150159
Ion Ratio Lower Upper
142 100
127 45.8 35.3 52.9
141 16.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 334.088 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

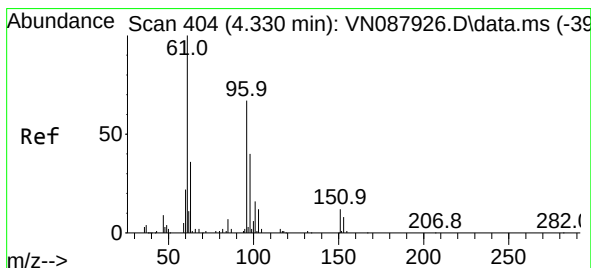
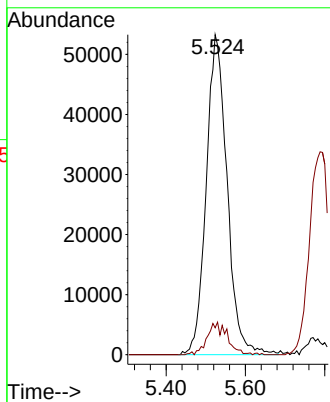
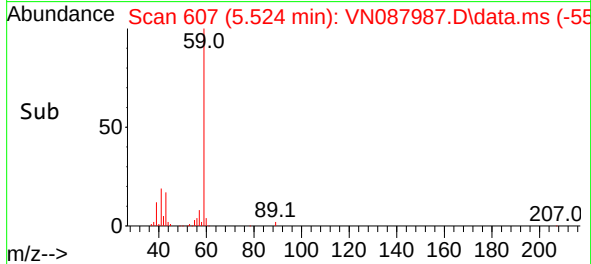
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



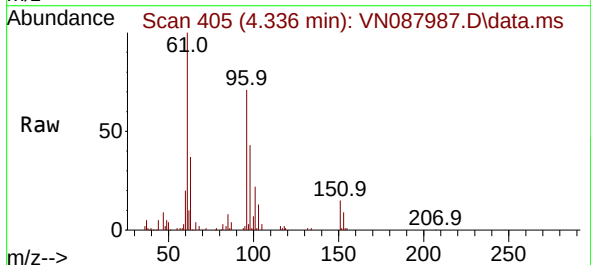
Tgt Ion: 59 Resp: 194725
Ion Ratio Lower Upper
59 100
57 6.0 8.8 13.2

Manual Integrations
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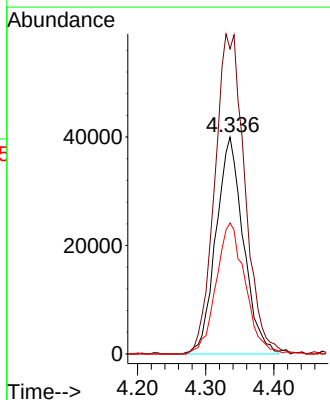
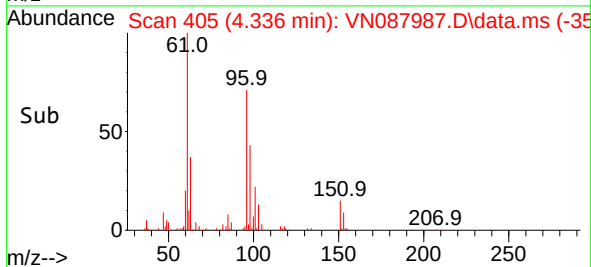
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

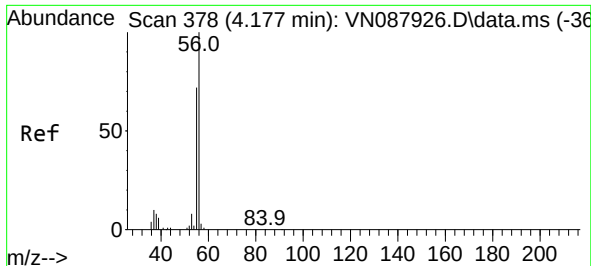


#12
1,1-Dichloroethene
Concen: 44.345 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



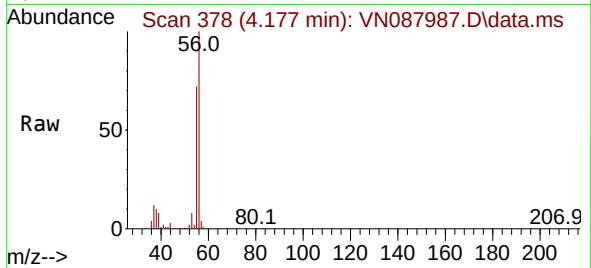
Tgt Ion: 96 Resp: 112004
Ion Ratio Lower Upper
96 100
61 140.8 119.2 178.8
98 60.5 47.5 71.3





#13
Acrolein
Concen: 299.372 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

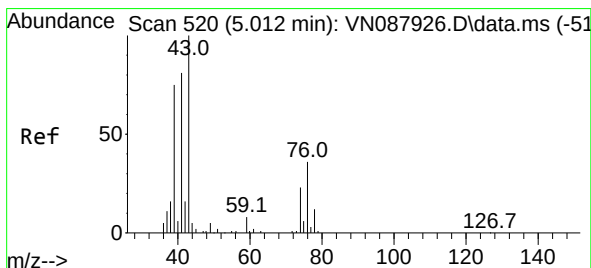
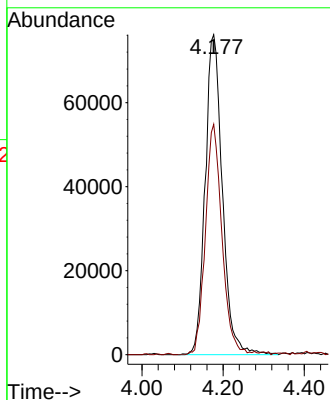
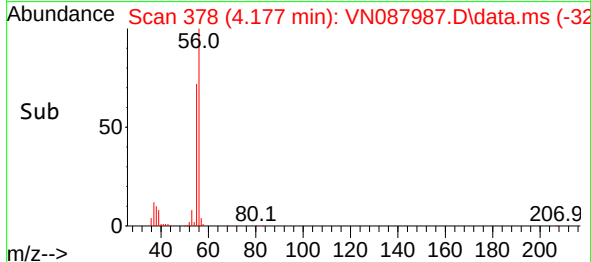
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 223890
Ion Ratio Lower Upper
56 100
55 69.2 59.3 88.9

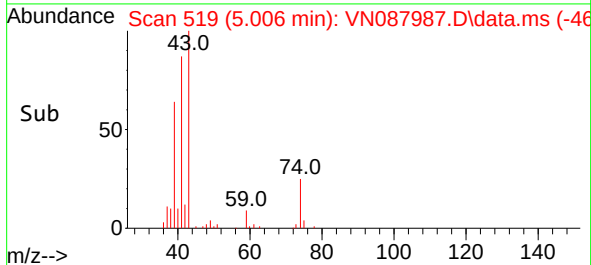
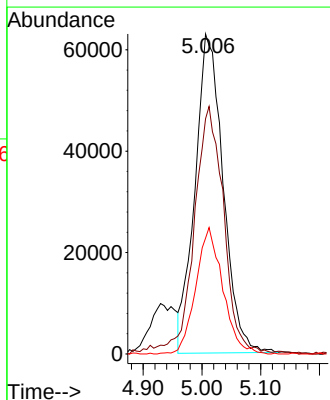
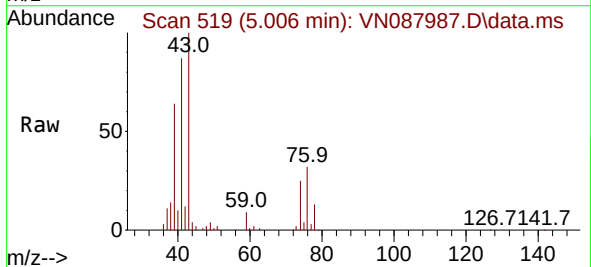
Manual Integrations
APPROVED

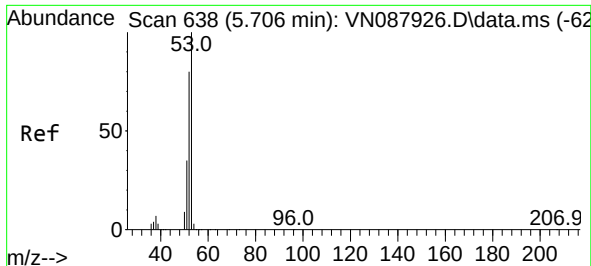
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#14
Allyl chloride
Concen: 50.936 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

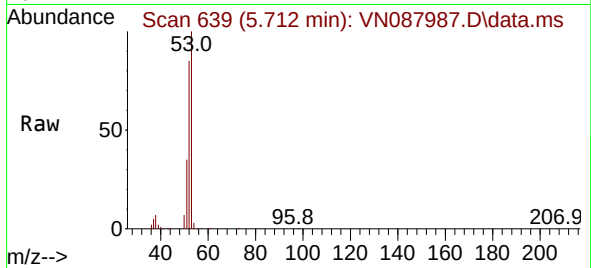
Tgt Ion: 41 Resp: 209449
Ion Ratio Lower Upper
41 100
39 82.0 63.8 95.8
76 38.0 33.0 49.6





#15
Acrylonitrile
Concen: 291.958 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

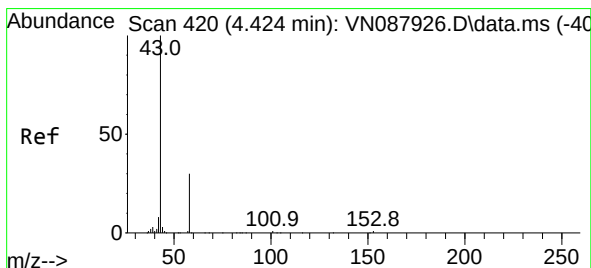
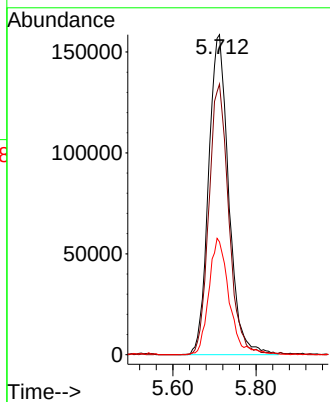
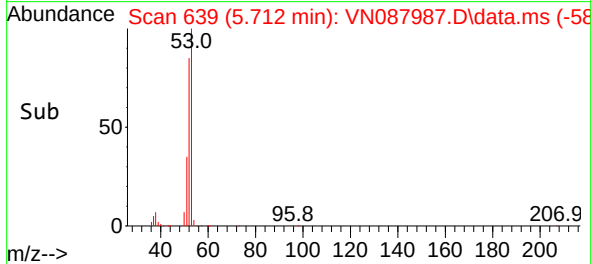
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 53378
Ion Ratio Lower Upper
53 100
52 83.0 66.6 99.8
51 36.7 29.0 43.4

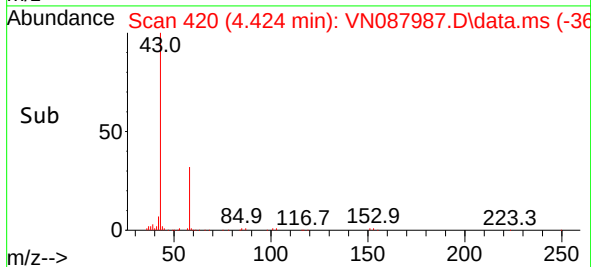
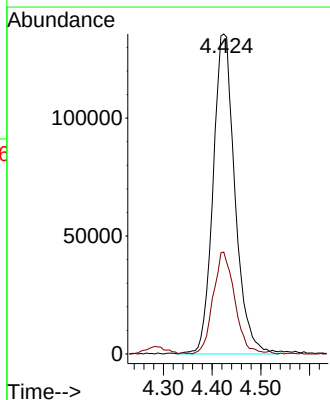
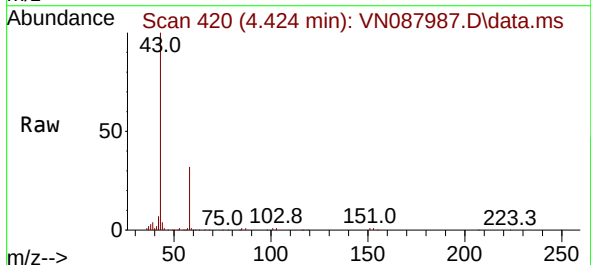
Manual Integrations
APPROVED

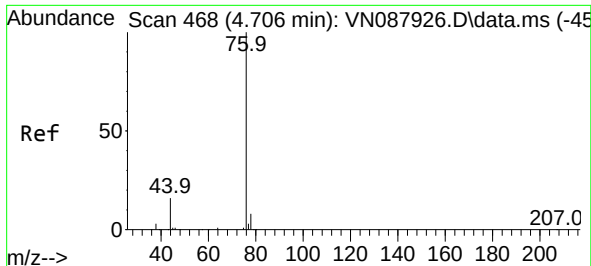
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#16
Acetone
Concen: 254.666 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

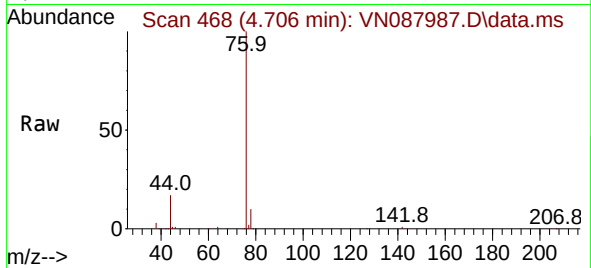
Tgt Ion: 43 Resp: 424011
Ion Ratio Lower Upper
43 100
58 31.9 24.1 36.1





#17
Carbon Disulfide
Concen: 41.110 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

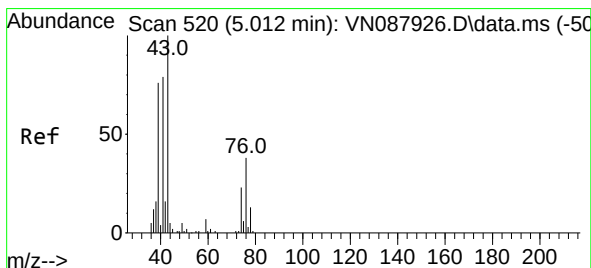
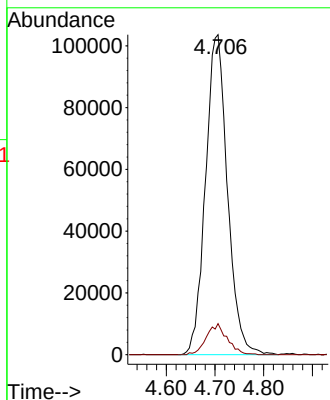
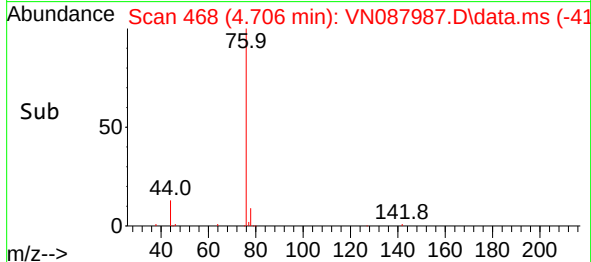
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



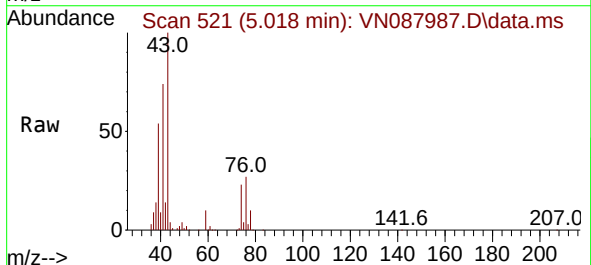
Tgt Ion: 76 Resp: 324419
Ion Ratio Lower Upper
76 100
78 9.7 6.7 10.1

Manual Integrations
APPROVED

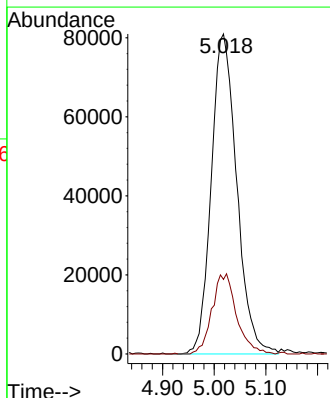
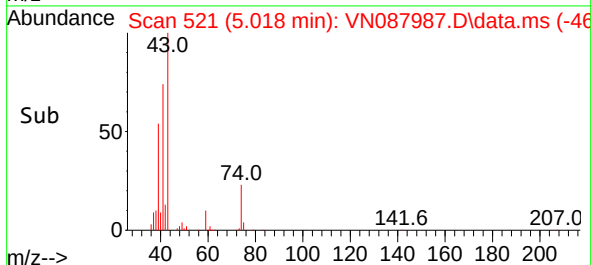
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

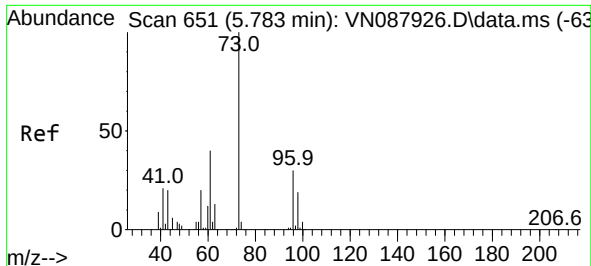


#18
Methyl Acetate
Concen: 66.445 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



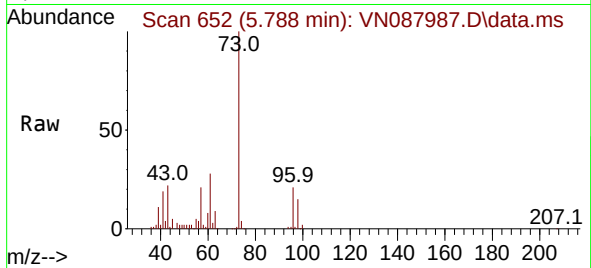
Tgt Ion: 43 Resp: 276861
Ion Ratio Lower Upper
43 100
74 24.1 19.7 29.5





#19
Methyl tert-butyl Ether
Concen: 59.669 ug/l
RT: 5.788 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

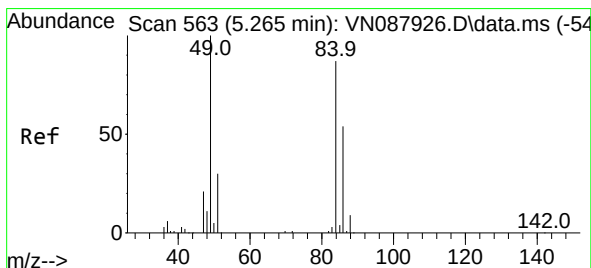
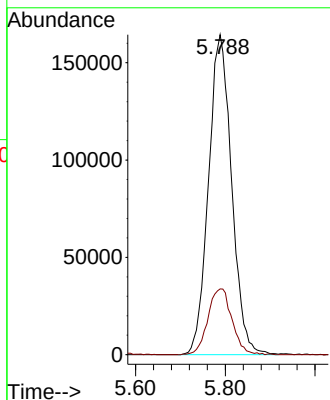
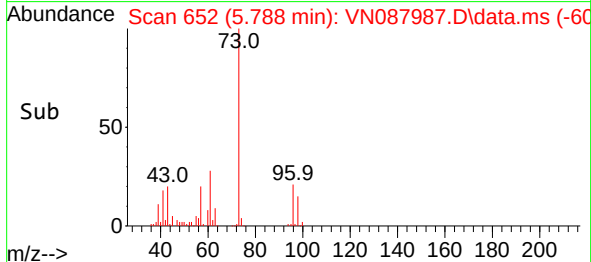
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 58872
Ion Ratio Lower Upper
73 100
57 20.5 16.3 24.5

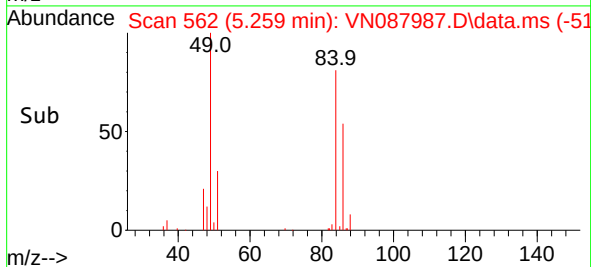
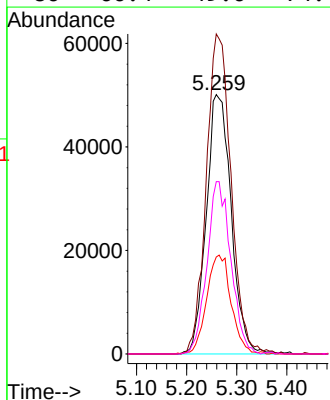
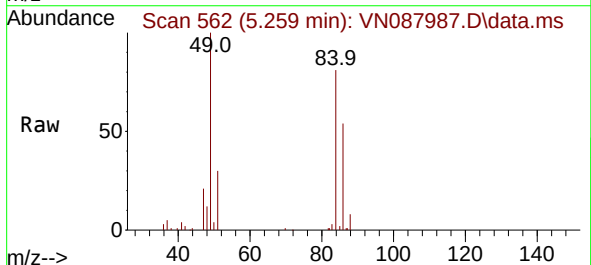
Manual Integrations
APPROVED

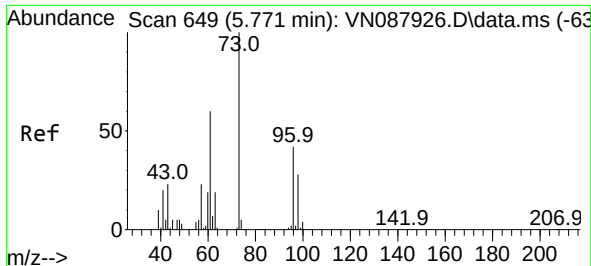
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#20
Methylene Chloride
Concen: 51.495 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

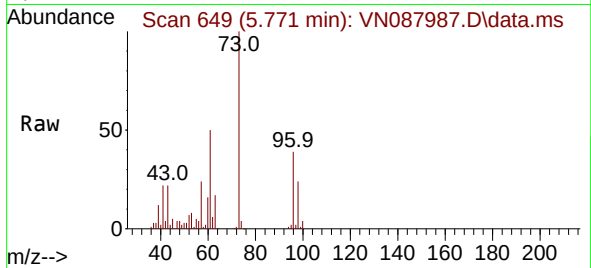
Tgt Ion: 84 Resp: 173542
Ion Ratio Lower Upper
84 100
49 123.3 92.1 138.1
51 37.4 27.7 41.5
86 66.4 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 45.528 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

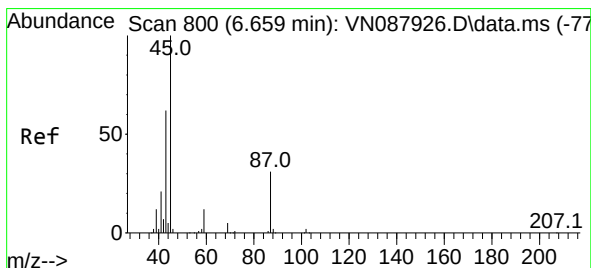
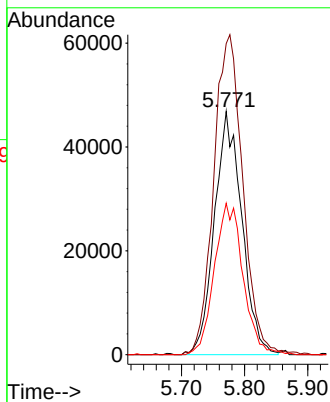
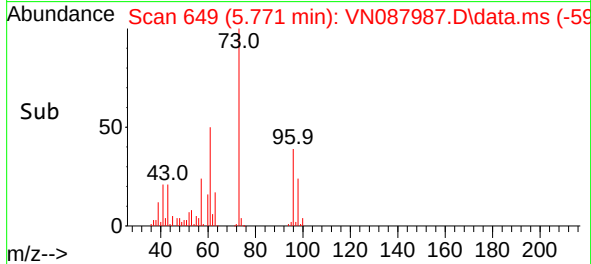
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 140970
Ion Ratio Lower Upper
96 100
61 127.9 114.4 171.6
98 62.2 53.6 80.4

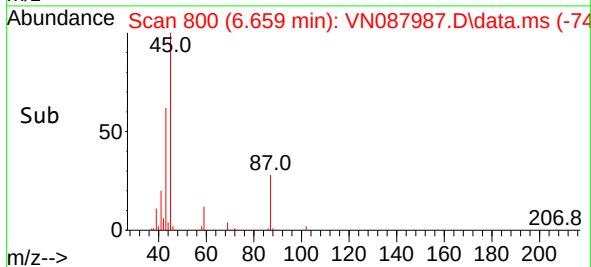
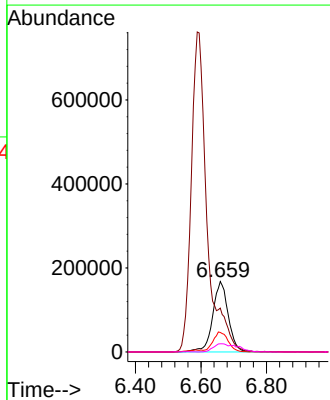
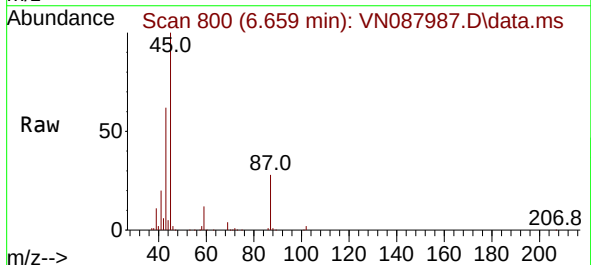
Manual Integrations
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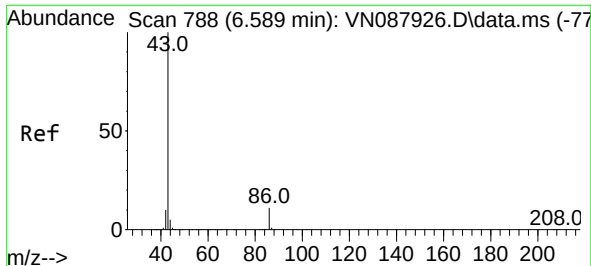
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#22
Diisopropyl ether
Concen: 57.341 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

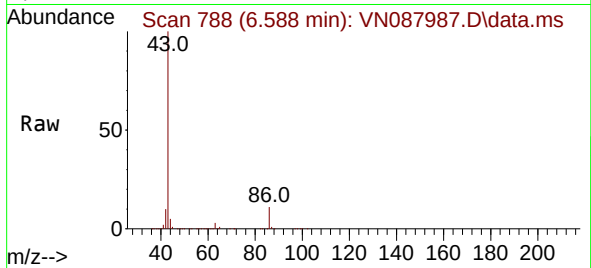
Tgt Ion: 45 Resp: 550428
Ion Ratio Lower Upper
45 100
43 61.7 49.9 74.9
87 27.8 25.2 37.8
59 11.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 314.207 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54

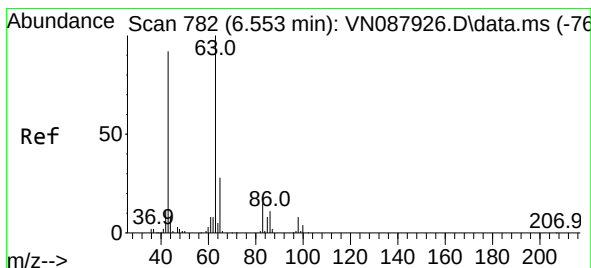
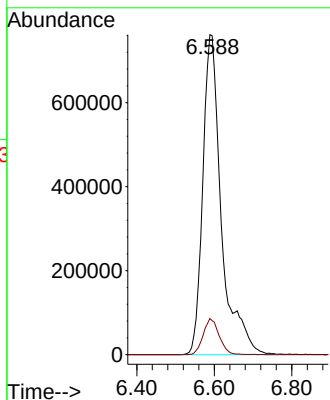
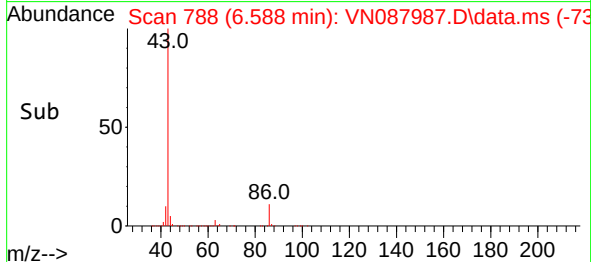
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



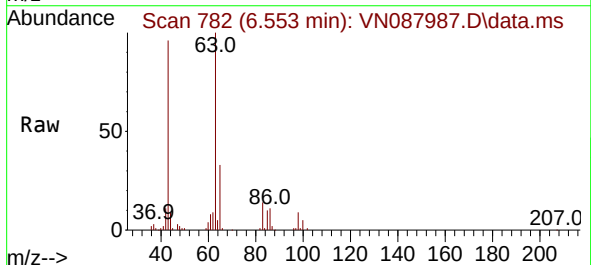
Tgt Ion: 43 Resp: 253955
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8

Manual Integrations
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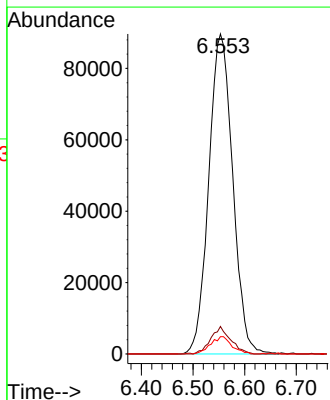
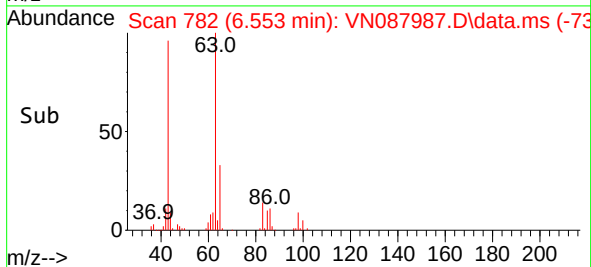
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025

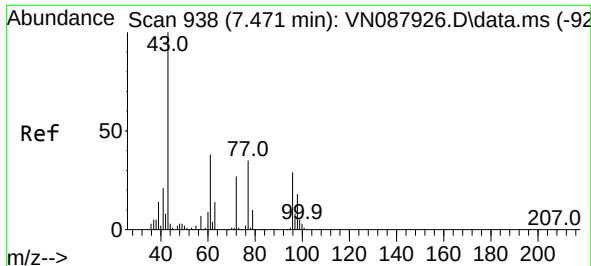


#24
 1,1-Dichloroethane
 Concen: 51.417 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54



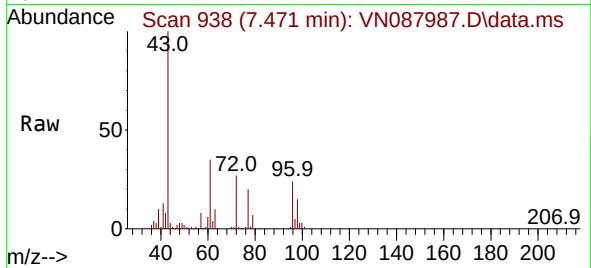
Tgt Ion: 63 Resp: 288352
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.5
 100 5.4 2.1 6.5





#25
2-Butanone
Concen: 297.048 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

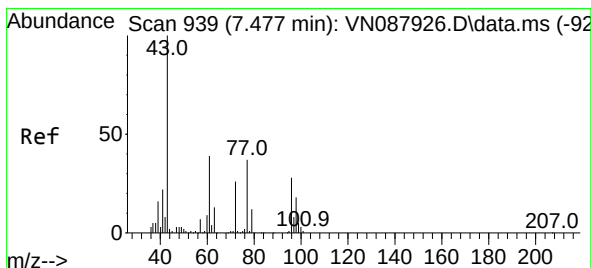
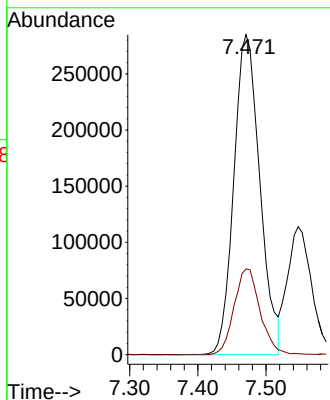
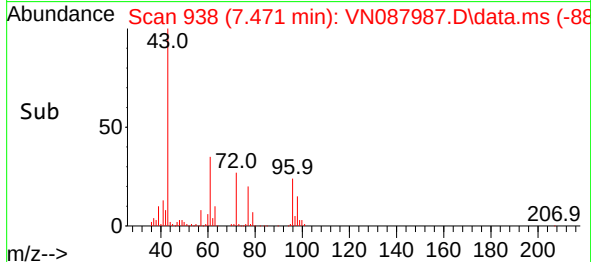
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



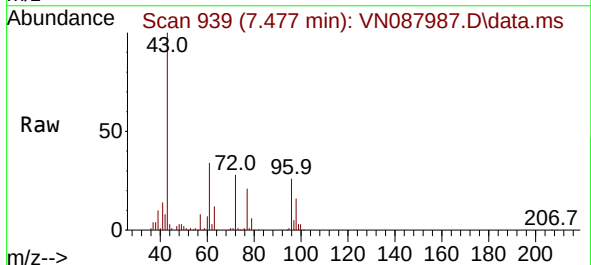
Tgt Ion: 43 Resp: 755938
Ion Ratio Lower Upper
43 100
72 26.8 21.5 32.3

Manual Integrations
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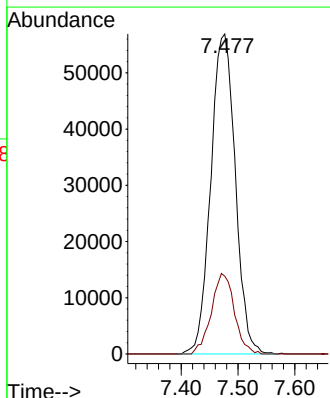
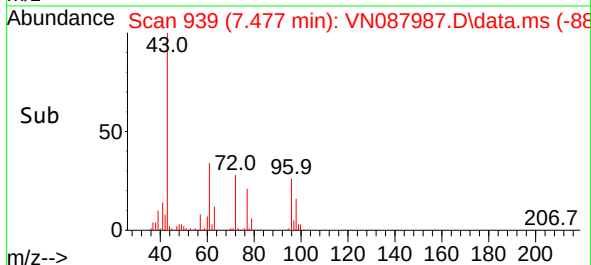
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

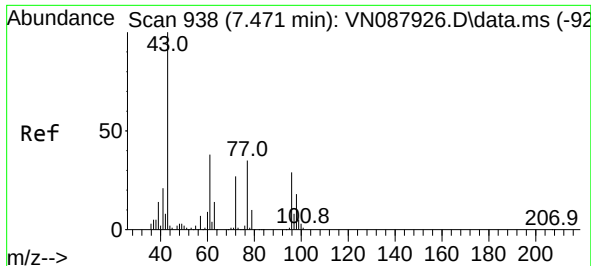


#26
2,2-Dichloropropane
Concen: 34.194 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



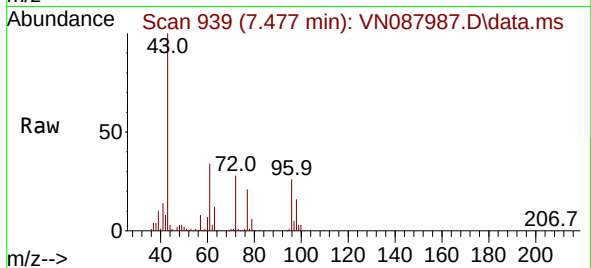
Tgt Ion: 77 Resp: 170376
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 51.205 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54

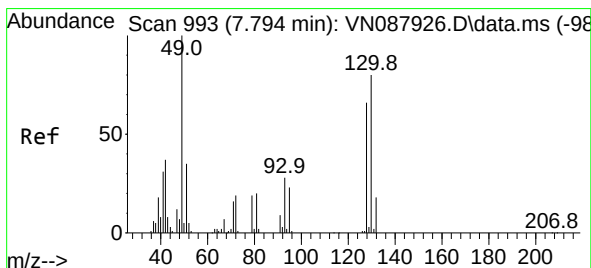
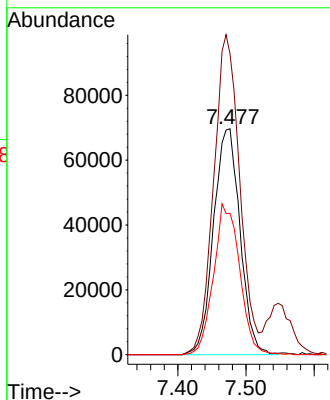
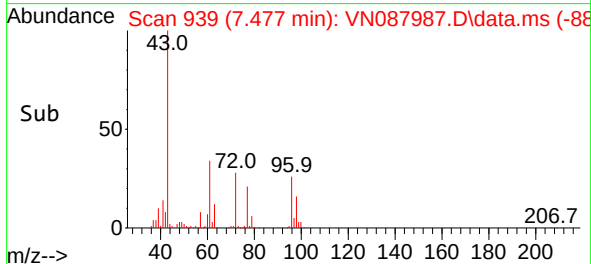
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 18865
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 283.0
 98 65.7 0.0 127.6

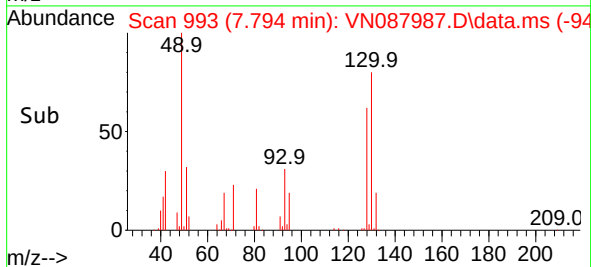
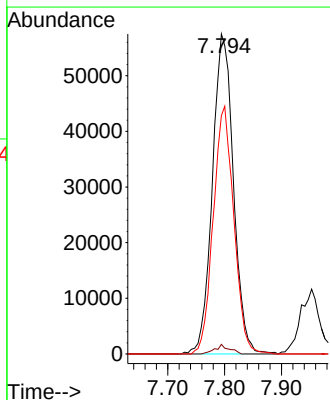
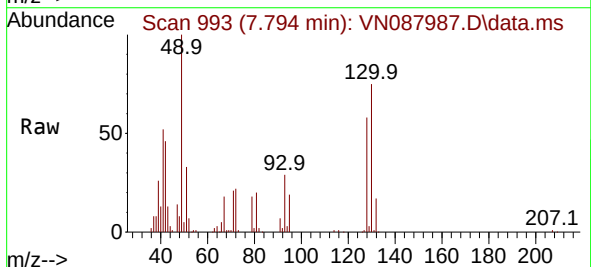
Manual Integrations
 APPROVED

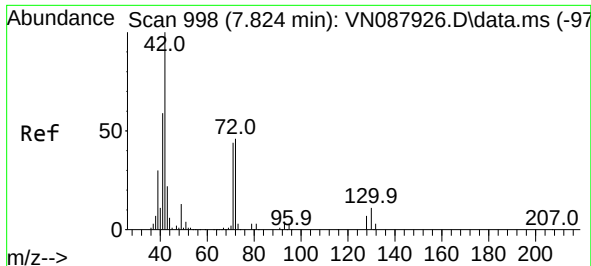
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#28
 Bromochloromethane
 Concen: 48.590 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54

Tgt Ion: 49 Resp: 148054
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.4
 130 75.7 62.6 94.0





#29

Tetrahydrofuran

Concen: 301.824 ug/l

RT: 7.829 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 491820

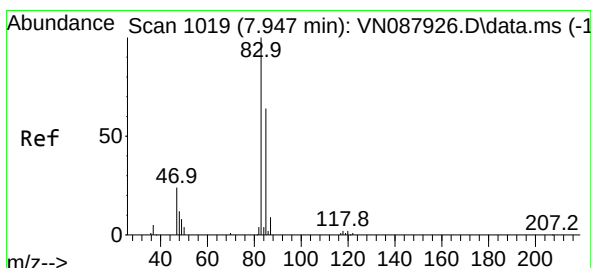
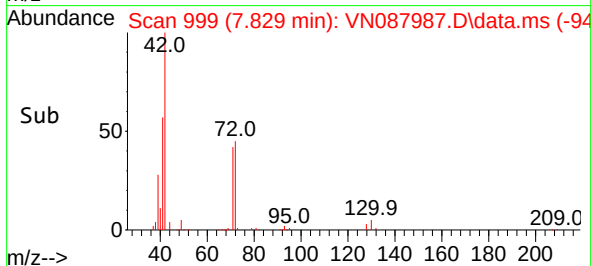
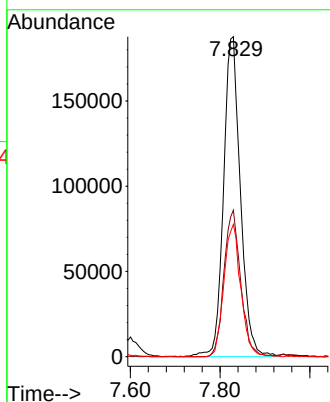
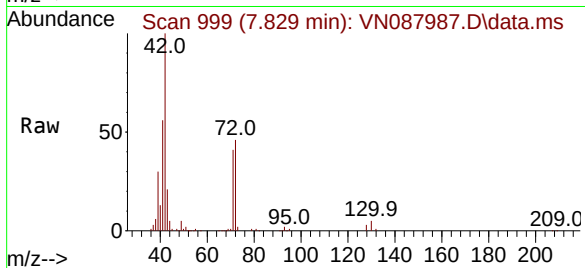
Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.5	54.7
71	41.4	33.8	50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#30

Chloroform

Concen: 51.936 ug/l

RT: 7.947 min Scan# 1019

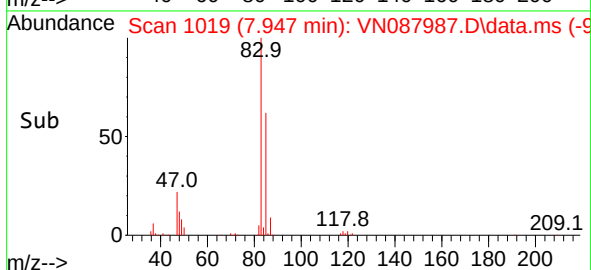
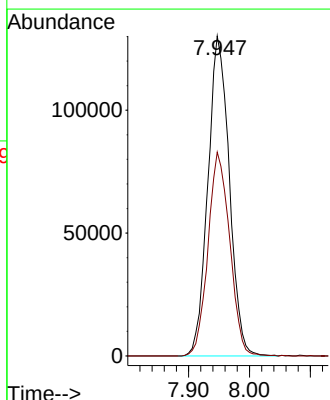
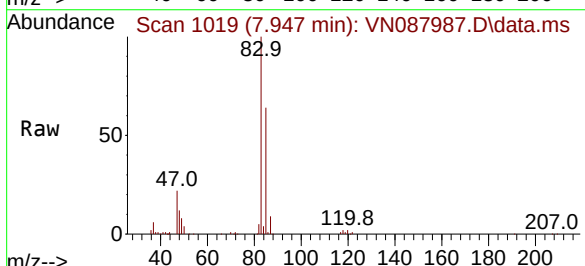
Delta R.T. -0.000 min

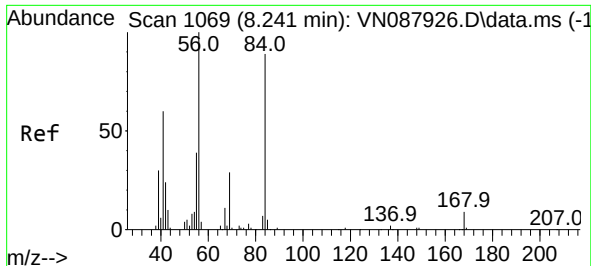
Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Tgt Ion: 83 Resp: 318470

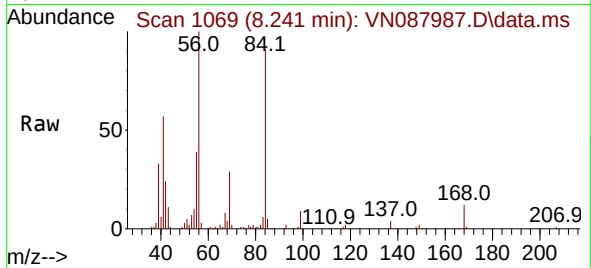
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.9	76.3





#31
Cyclohexane
Concen: 38.913 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

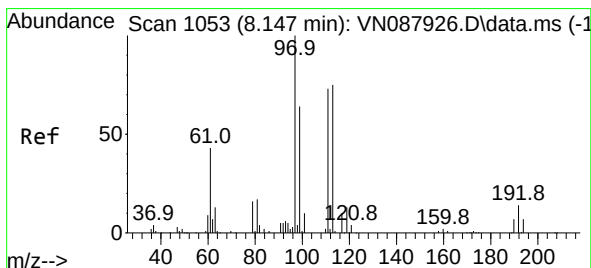
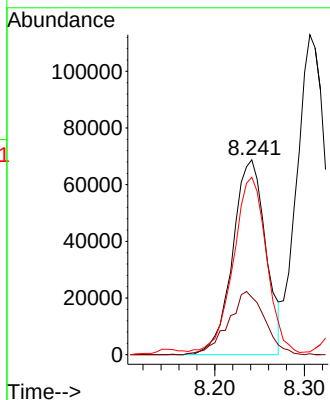
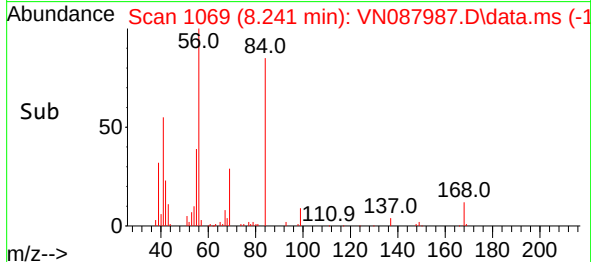
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



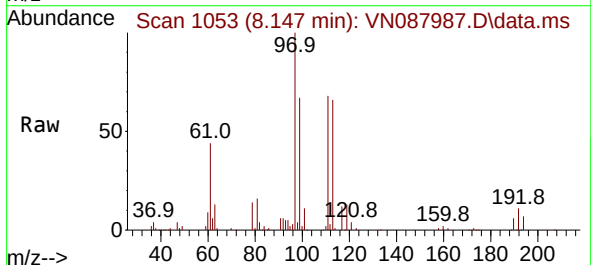
Tgt Ion: 56 Resp: 176578
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.0
84 89.1 70.8 106.2

Manual Integrations
APPROVED

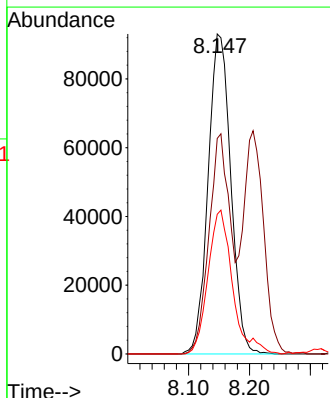
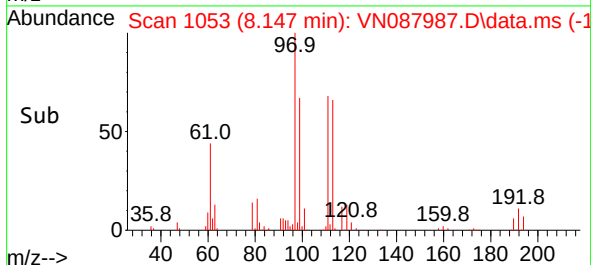
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

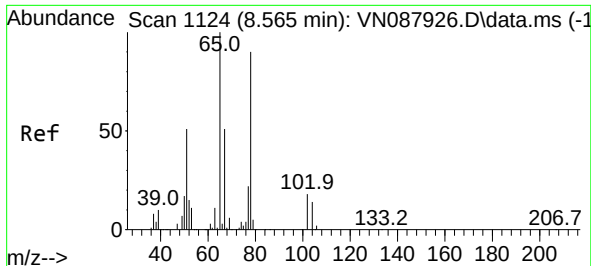


#32
1,1,1-Trichloroethane
Concen: 46.451 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



Tgt Ion: 97 Resp: 240678
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 48.5 38.6 58.0





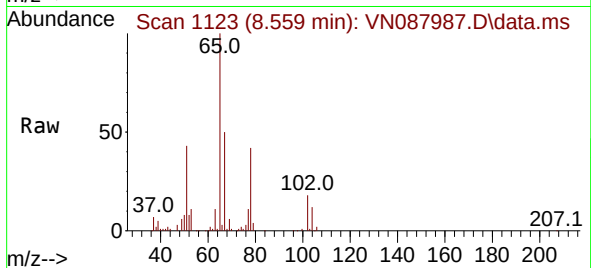
#33
1,2-Dichloroethane-d4
Concen: 52.926 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

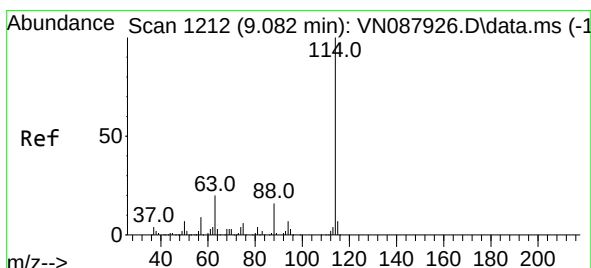
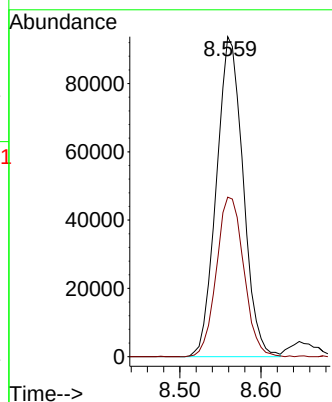
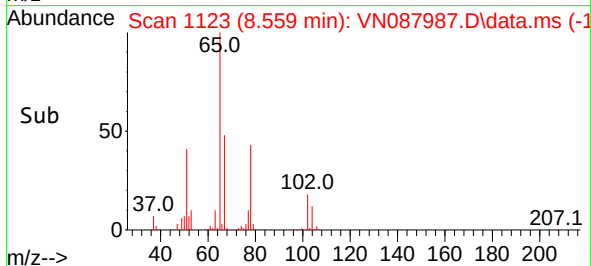


Tgt Ion: 65 Resp: 21417
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

Manual Integrations

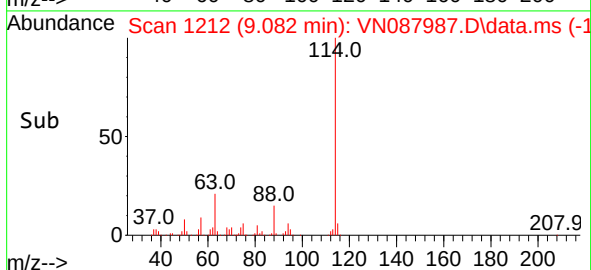
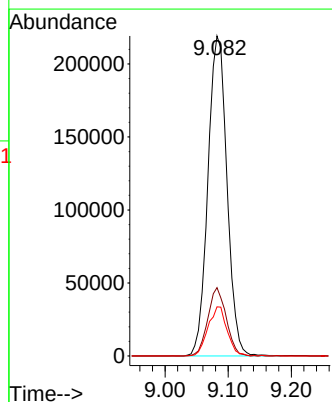
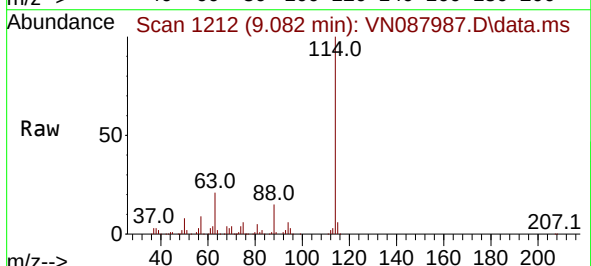
APPROVED

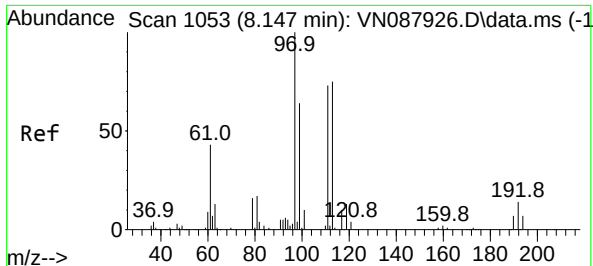
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

Tgt Ion:114 Resp: 459628
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.0
88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.146 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion: 113 Resp: 15399

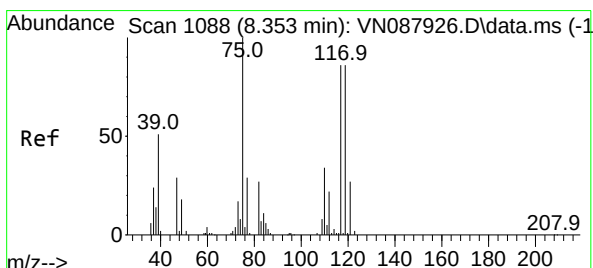
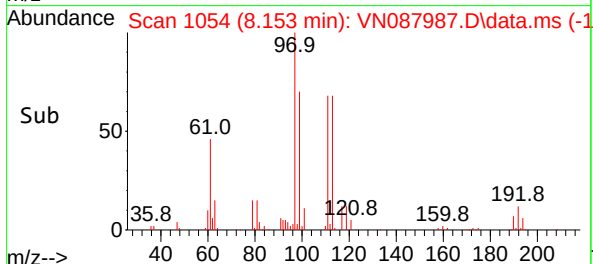
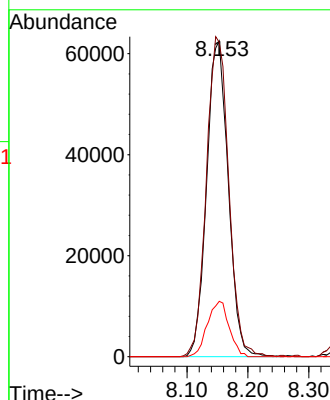
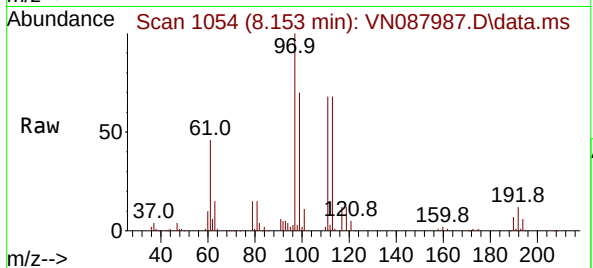
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.2
192	17.6	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#36

1,1-Dichloropropene

Concen: 42.951 ug/l

RT: 8.359 min Scan# 1089

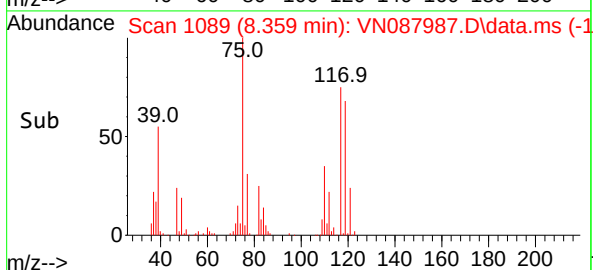
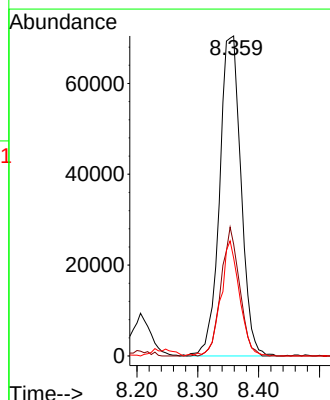
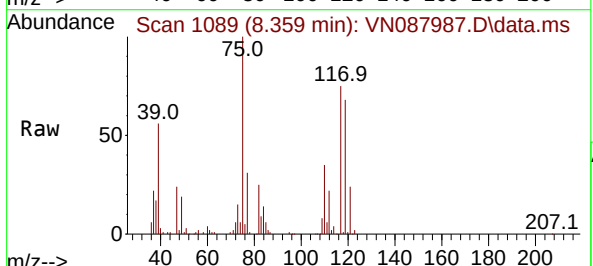
Delta R.T. 0.006 min

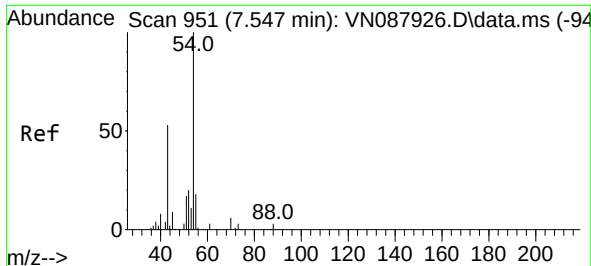
Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Tgt Ion: 75 Resp: 172350

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.1	51.3
77	31.7	24.8	37.2





#37

Ethyl Acetate

Concen: 54.712 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 288298

Ion Ratio Lower Upper

43 100

61 12.6 10.7 16.1

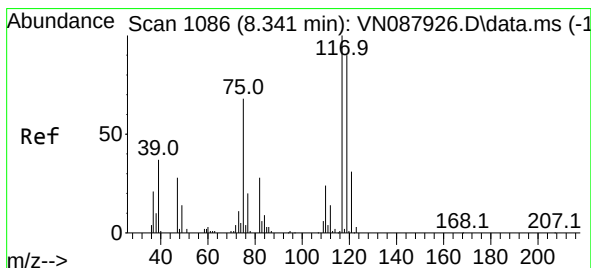
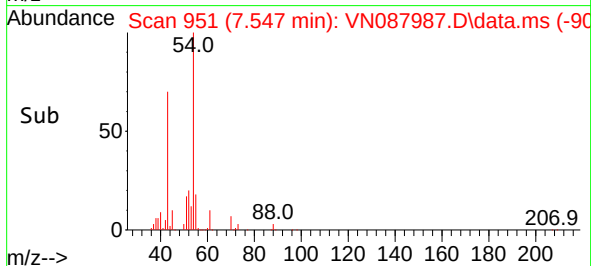
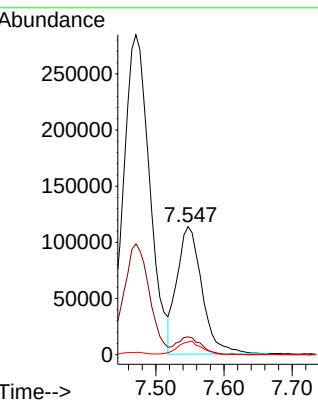
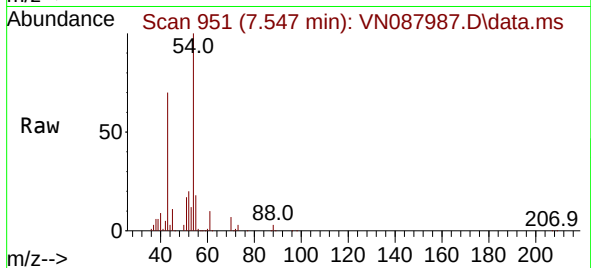
70 10.1 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#38

Carbon Tetrachloride

Concen: 41.497 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

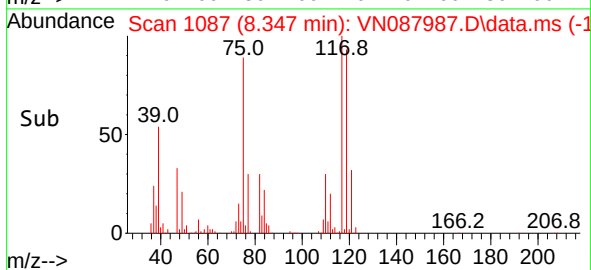
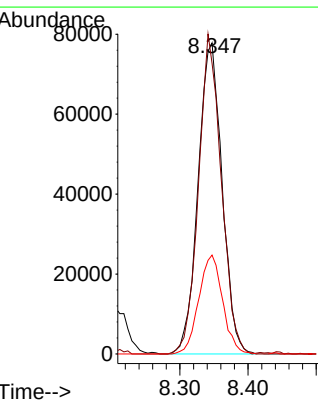
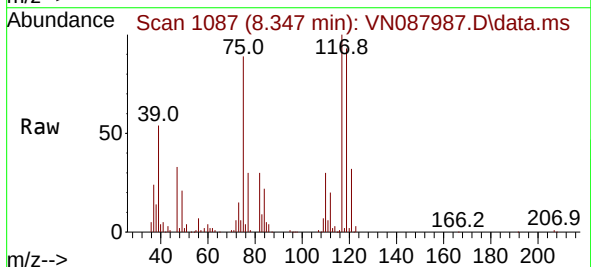
Tgt Ion:117 Resp: 191078

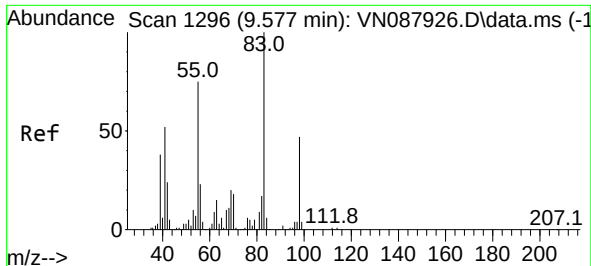
Ion Ratio Lower Upper

117 100

119 93.5 72.1 108.1

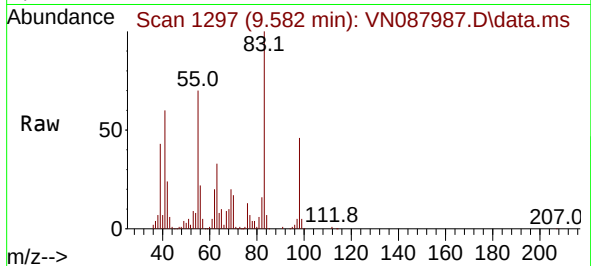
121 31.8 24.6 36.8





#39
Methylcyclohexane
Concen: 40.748 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

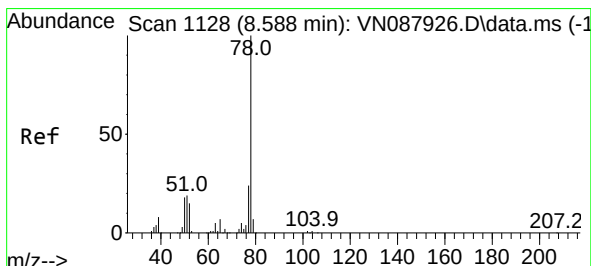
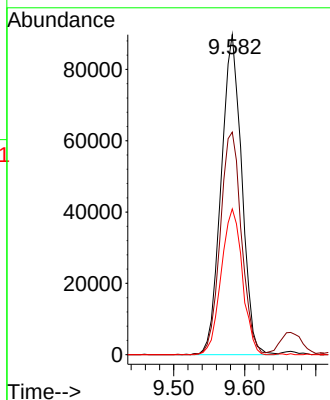
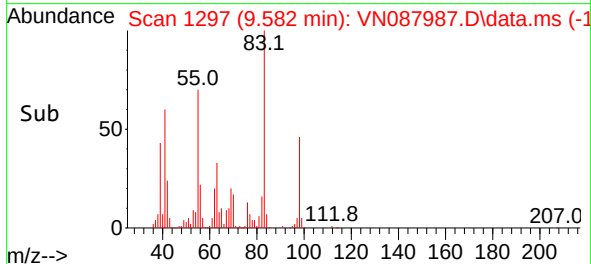
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 180380
Ion Ratio Lower Upper
83 100
55 69.4 59.9 89.9
98 45.6 37.4 56.2

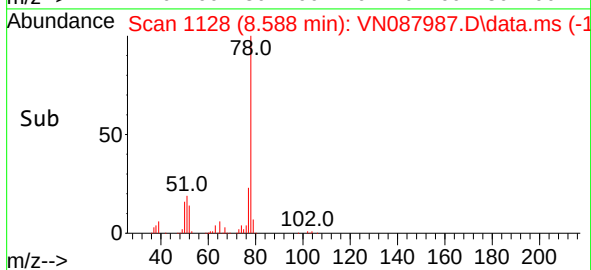
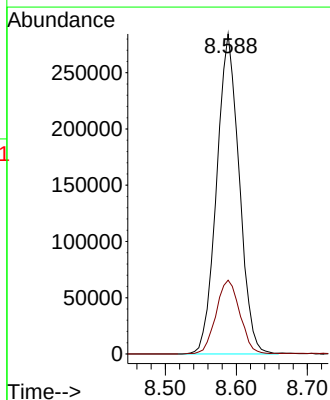
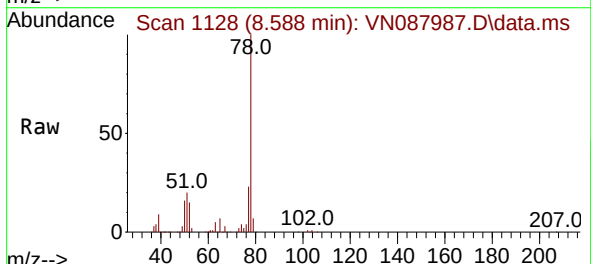
Manual Integrations
APPROVED

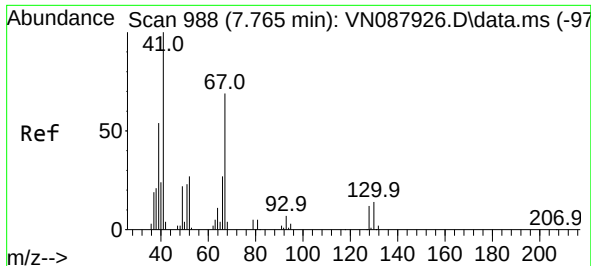
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#40
Benzene
Concen: 47.057 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

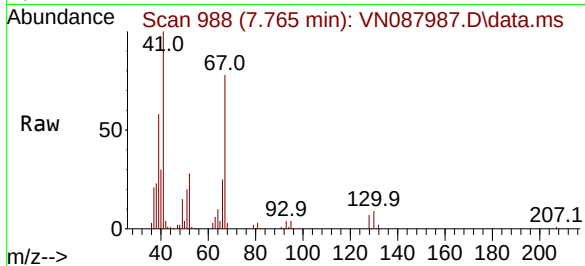
Tgt Ion: 78 Resp: 625216
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 53.933 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

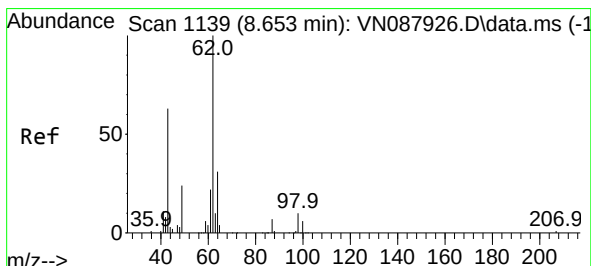
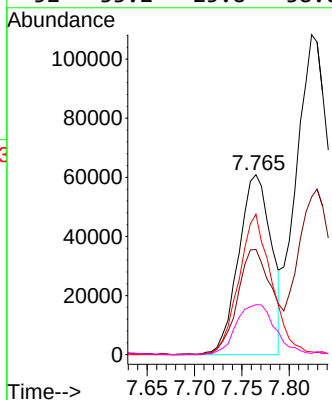
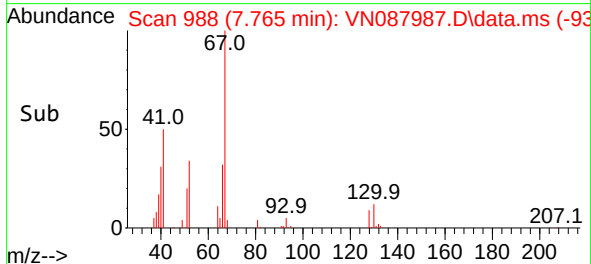
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



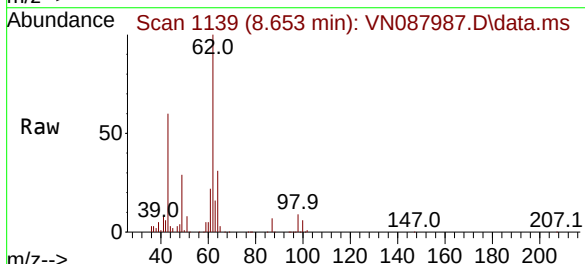
Tgt Ion: 41 Resp: 146868
Ion Ratio Lower Upper
41 100
39 63.2 43.5 65.3
67 78.7 57.6 86.4
52 33.2 25.8 38.6

Manual Integrations
APPROVED

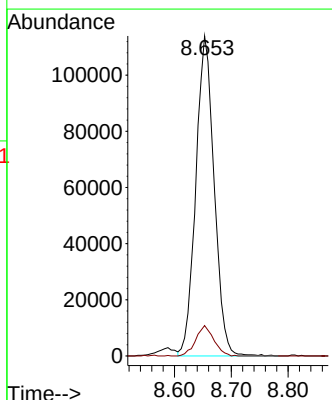
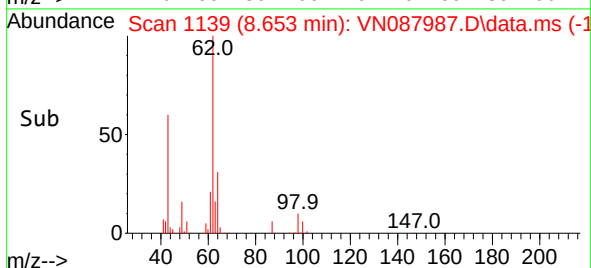
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

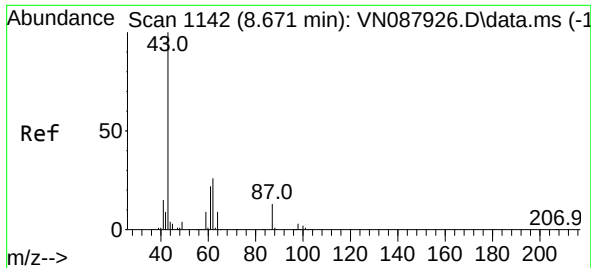


#42
1,2-Dichloroethane
Concen: 51.668 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



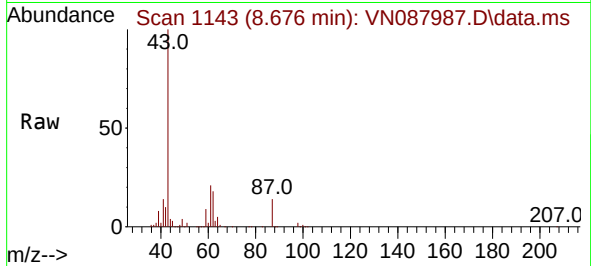
Tgt Ion: 62 Resp: 256184
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.6





#43
Isopropyl Acetate
Concen: 56.318 ug/l
RT: 8.676 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

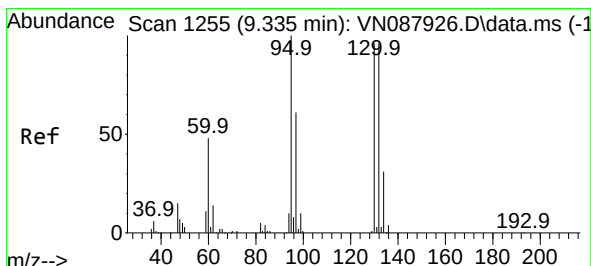
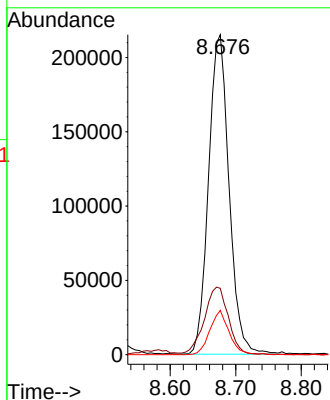
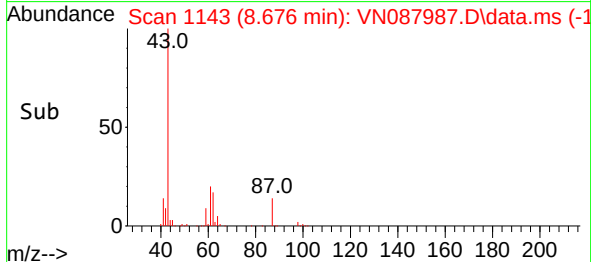
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 467120
Ion Ratio Lower Upper
43 100
61 25.1 20.2 30.2
87 12.9 10.9 16.3

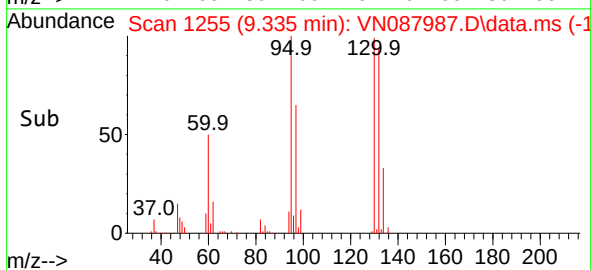
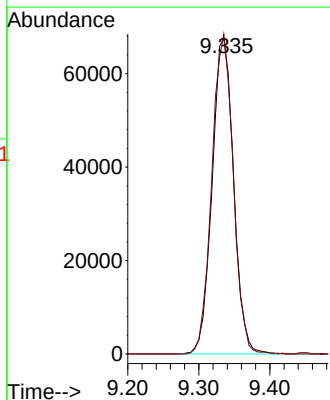
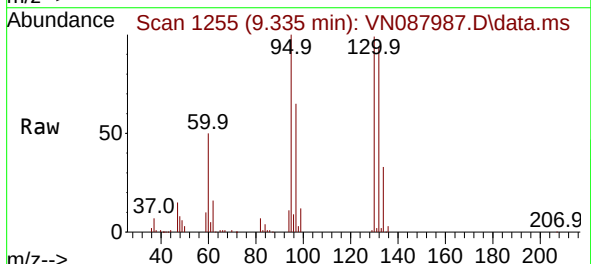
Manual Integrations
APPROVED

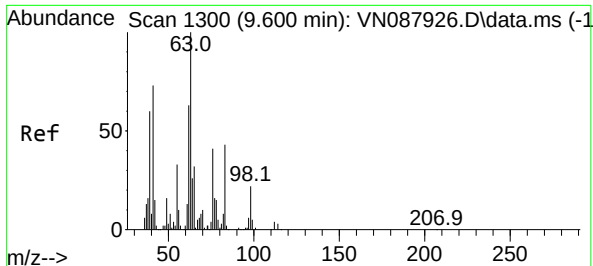
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#44
Trichloroethene
Concen: 44.630 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

Tgt Ion:130 Resp: 141640
Ion Ratio Lower Upper
130 100
95 101.5 0.0 208.0





#45

1,2-Dichloropropane

Concen: 50.390 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 167878

Ion Ratio Lower Upper

63 100

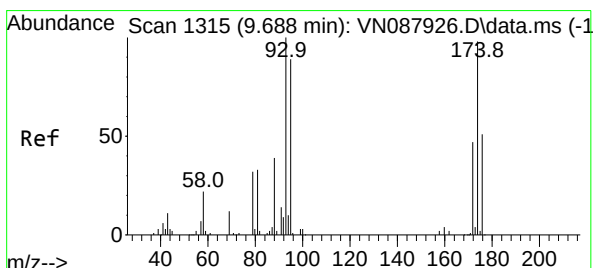
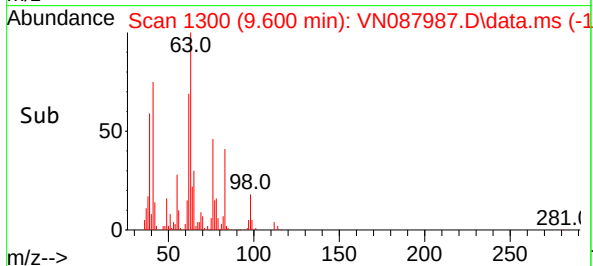
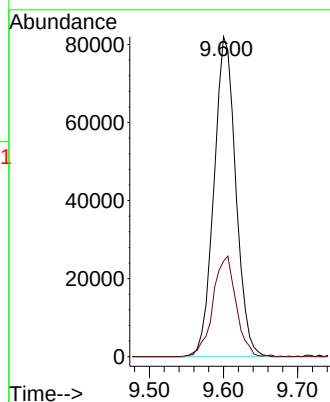
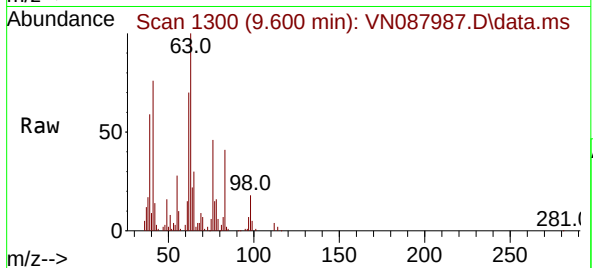
65 29.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#46

Dibromomethane

Concen: 51.845 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

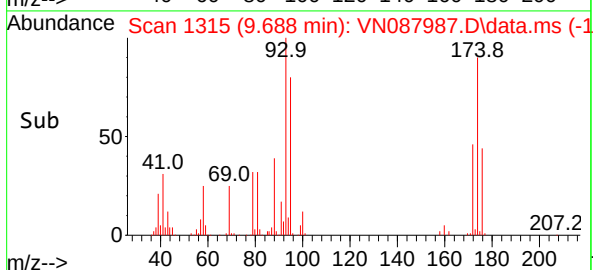
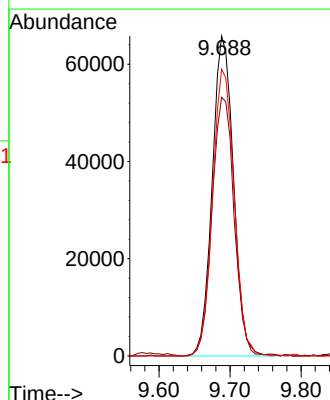
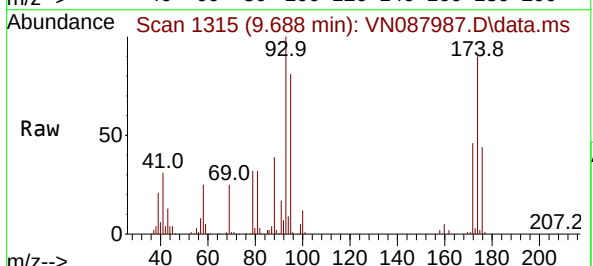
Tgt Ion: 93 Resp: 136294

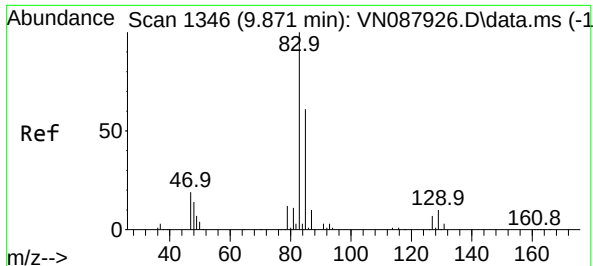
Ion Ratio Lower Upper

93 100

95 84.2 67.6 101.4

174 91.1 75.4 113.0





#47

Bromodichloromethane

Concen: 50.619 ug/l

RT: 9.865 min Scan# 1345

Delta R.T. -0.006 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion: 83 Resp: 261000

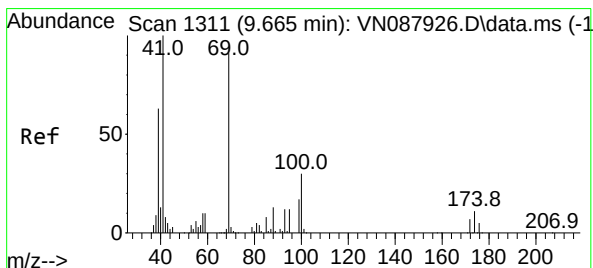
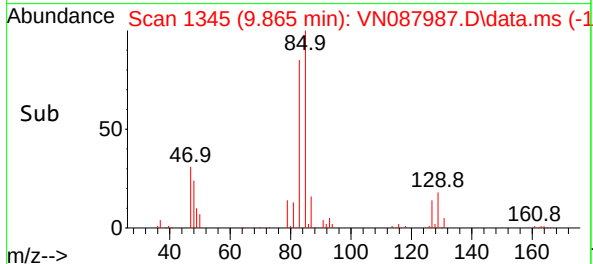
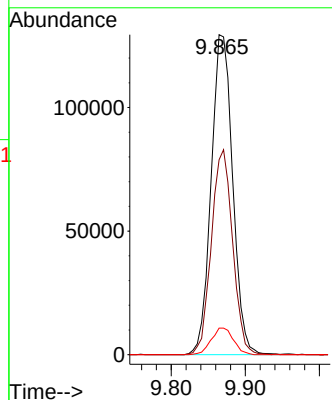
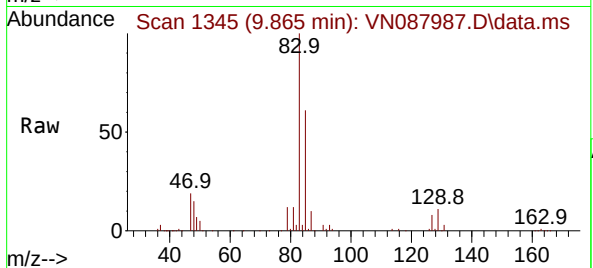
Ion	Ratio	Lower	Upper
83	100		
85	60.9	49.1	73.7
127	8.3	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#48

Methyl methacrylate

Concen: 57.098 ug/l

RT: 9.665 min Scan# 1311

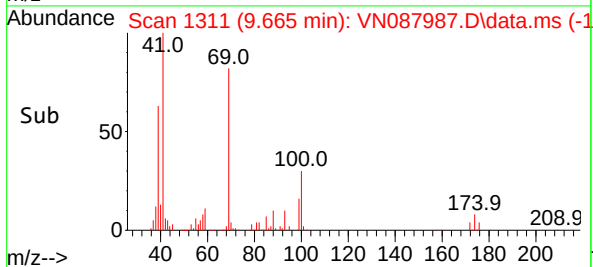
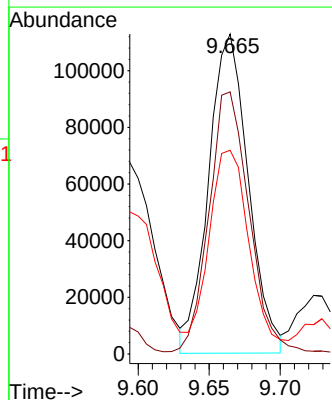
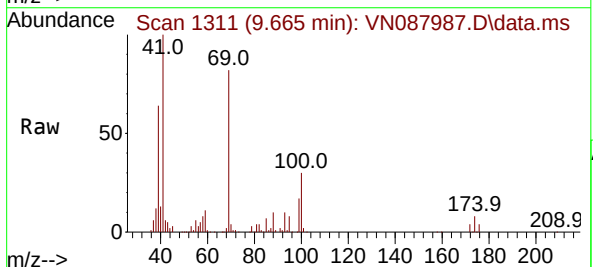
Delta R.T. -0.000 min

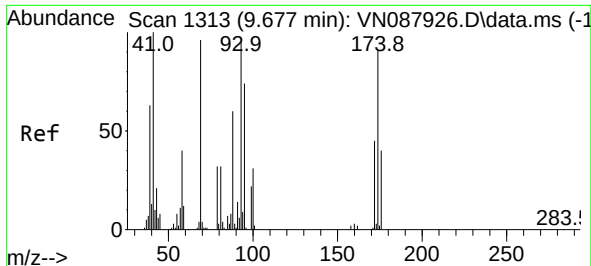
Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Tgt Ion: 41 Resp: 219317

Ion	Ratio	Lower	Upper
41	100		
69	84.4	70.9	106.3
39	65.4	52.9	79.3





#49

1,4-Dioxane

Concen: 1105.560 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

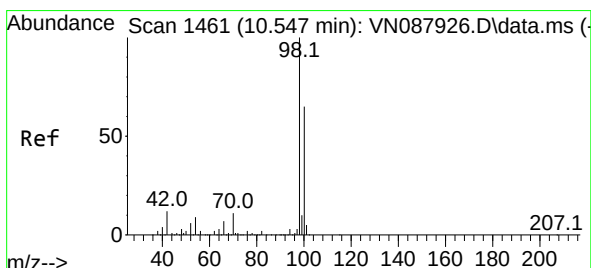
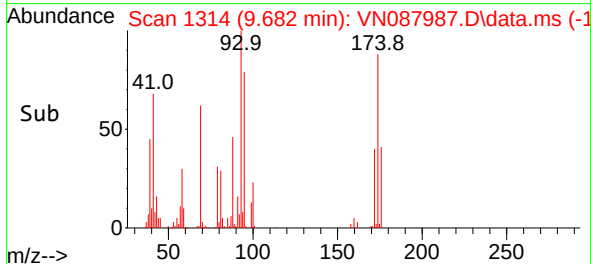
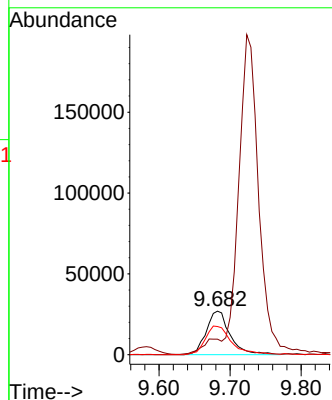
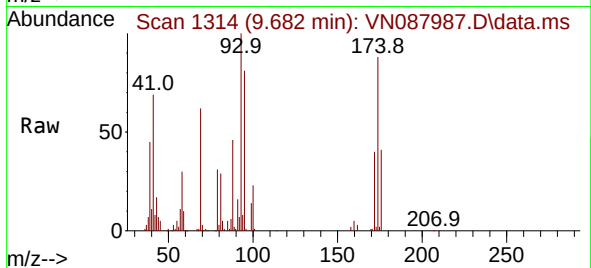
Tgt Ion:	88	Resp:	62734
Ion	Ratio	Lower	Upper
88	100		
43	28.7	22.6	33.8
58	72.0	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#50

Toluene-d8

Concen: 43.288 ug/l

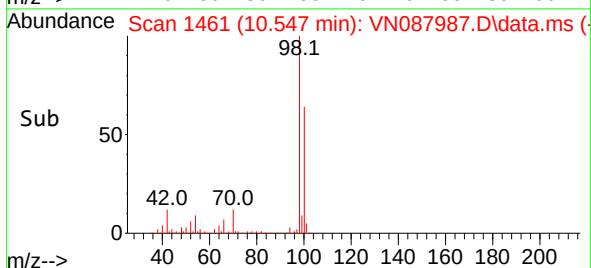
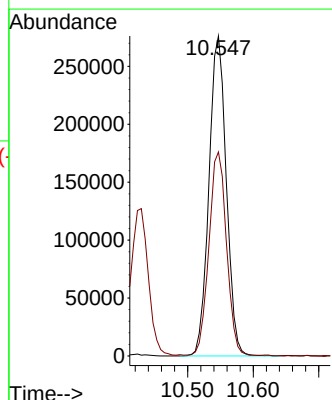
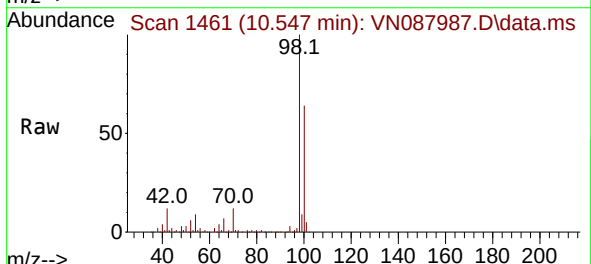
RT: 10.547 min Scan# 1461

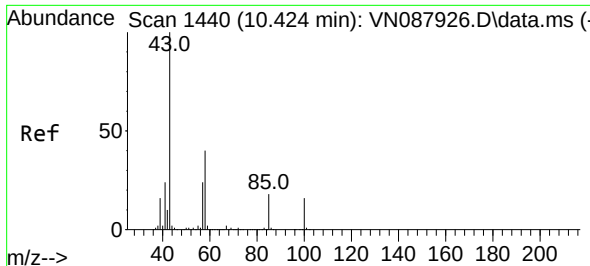
Delta R.T. -0.000 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

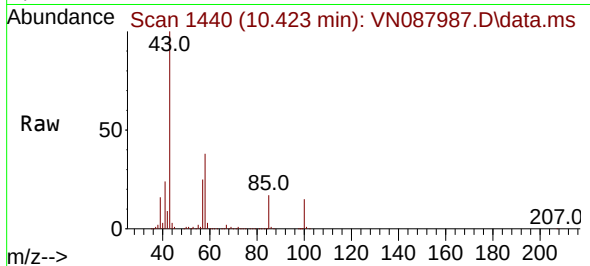
Tgt Ion:	98	Resp:	508008
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5





#51
4-Methyl-2-Pentanone
Concen: 290.426 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

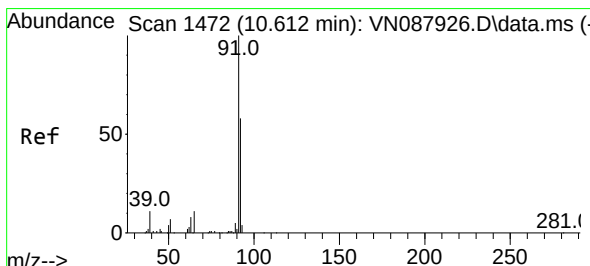
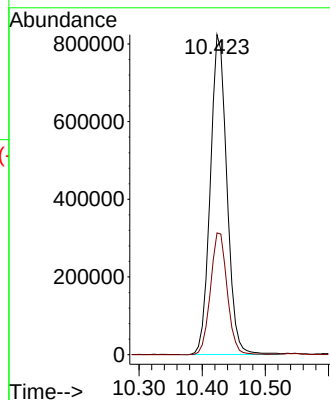
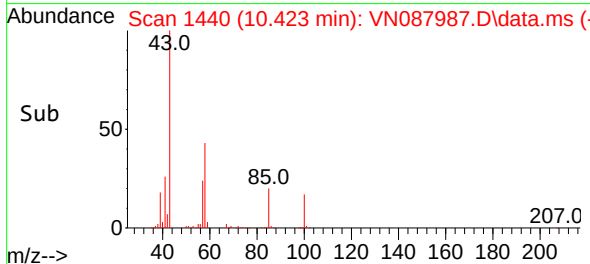
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



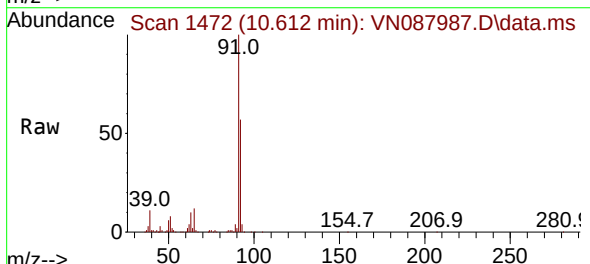
Tgt Ion: 43 Resp: 1503140
Ion Ratio Lower Upper
43 100
58 38.4 31.0 46.6

Manual Integrations
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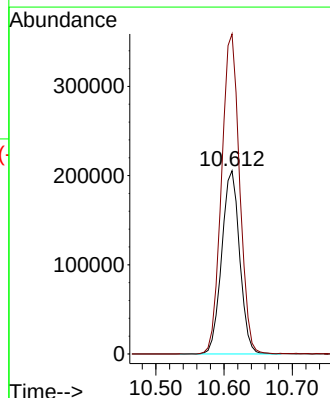
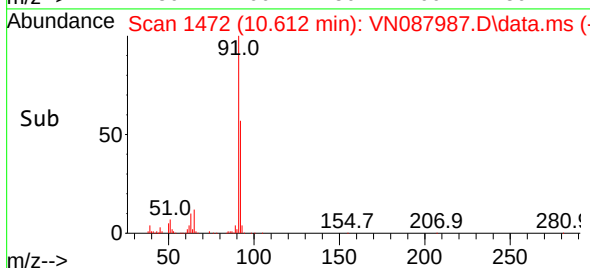
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

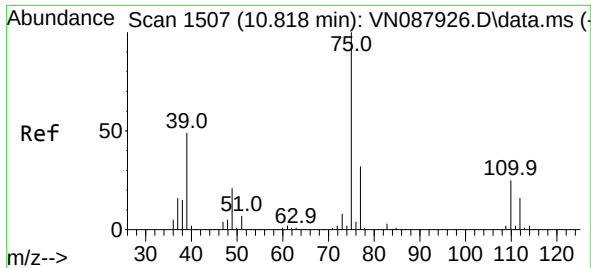


#52
Toluene
Concen: 45.118 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



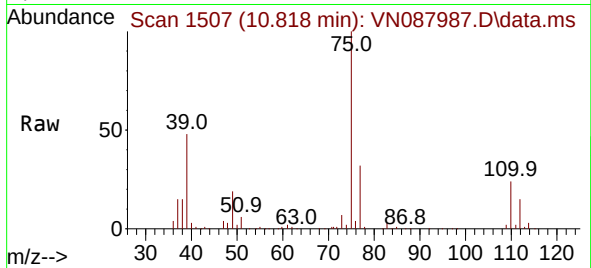
Tgt Ion: 92 Resp: 376172
Ion Ratio Lower Upper
92 100
91 176.0 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 48.533 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

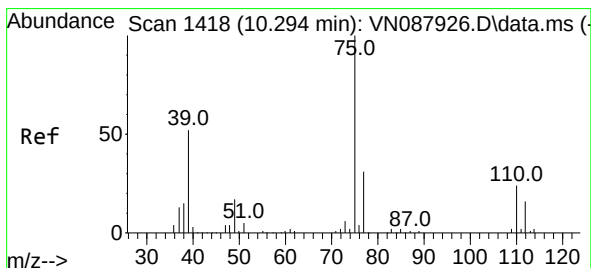
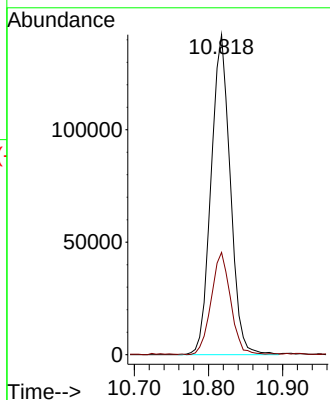
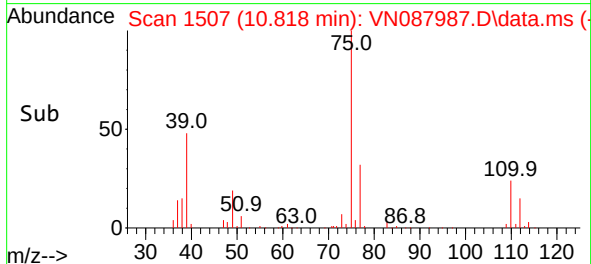
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



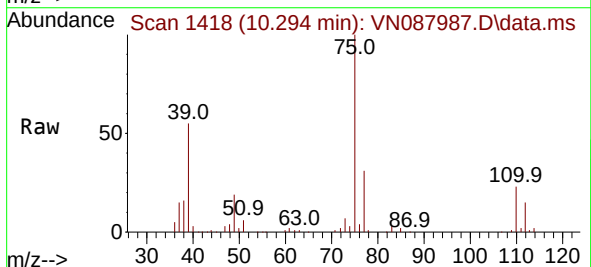
Tgt Ion: 75 Resp: 256114
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9

Manual Integrations
APPROVED

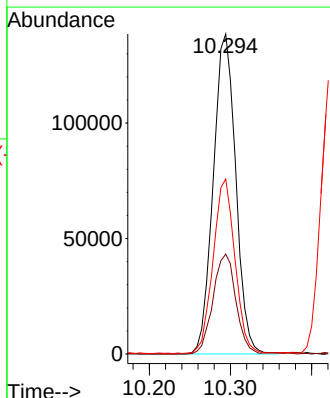
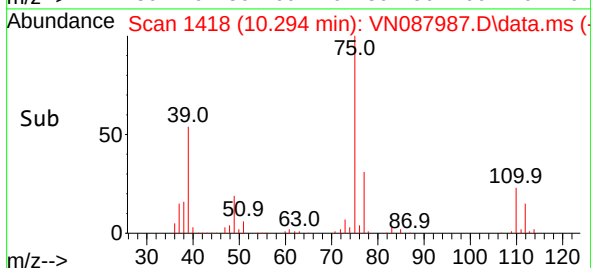
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

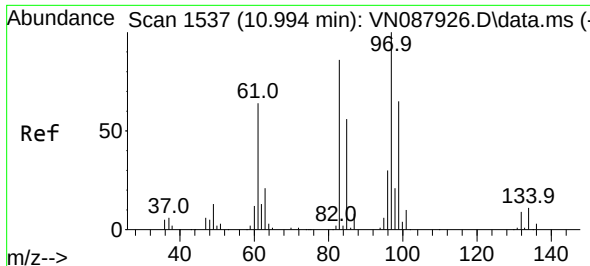


#54
cis-1,3-Dichloropropene
Concen: 48.697 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



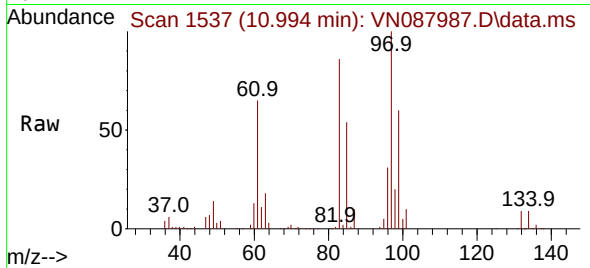
Tgt Ion: 75 Resp: 266905
Ion Ratio Lower Upper
75 100
77 31.2 24.7 37.1
39 54.4 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 51.297 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

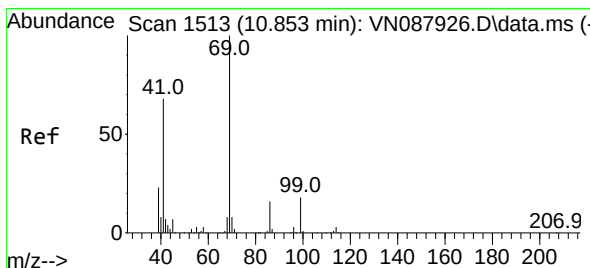
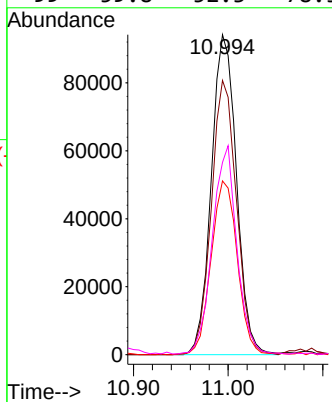
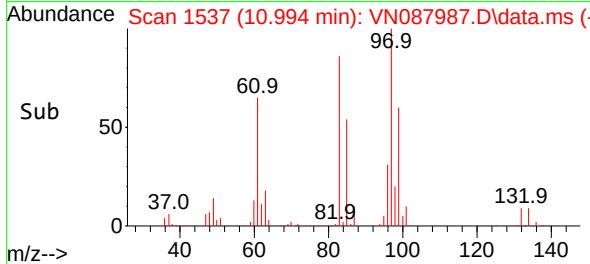
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



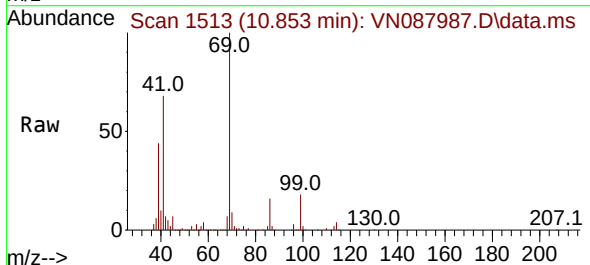
Tgt Ion: 97 Resp: 17390
Ion Ratio Lower Upper
97 100
83 85.7 69.0 103.4
85 54.1 44.4 66.6
99 59.8 52.3 78.5

Manual Integrations
APPROVED

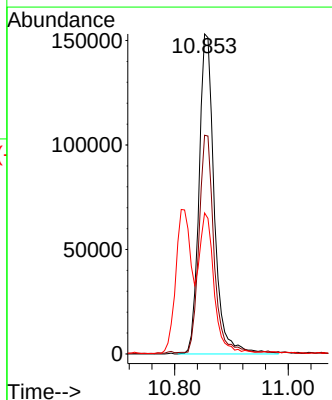
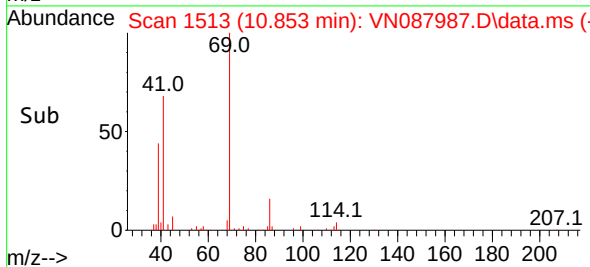
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

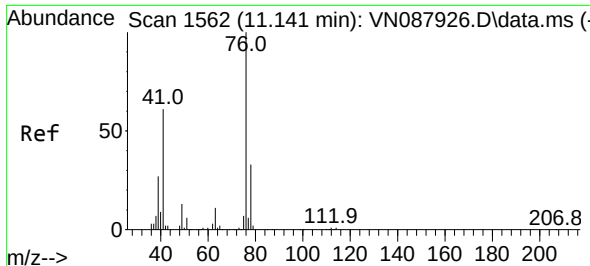


#56
Ethyl methacrylate
Concen: 58.357 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



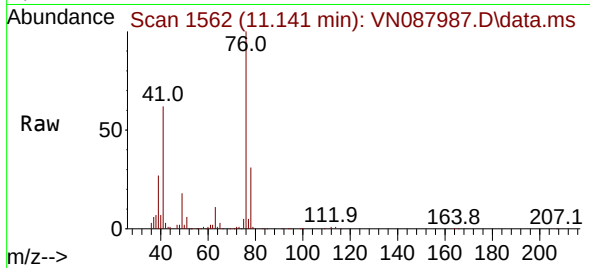
Tgt Ion: 69 Resp: 285859
Ion Ratio Lower Upper
69 100
41 66.0 53.8 80.6
39 42.1 34.7 52.1





#57
1,3-Dichloropropane
Concen: 52.502 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

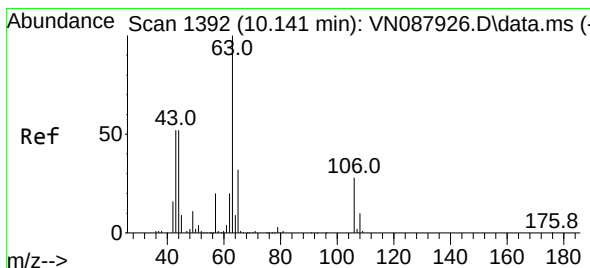
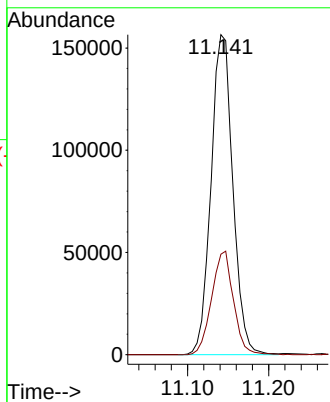
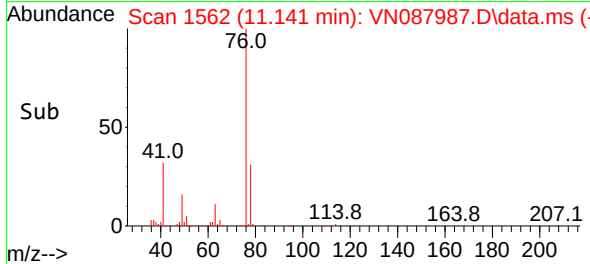
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 292749
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

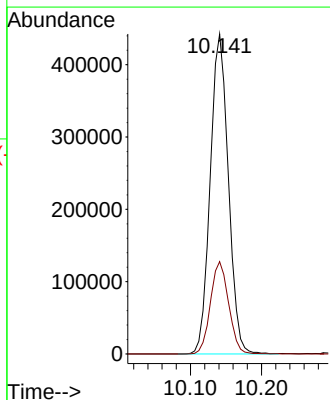
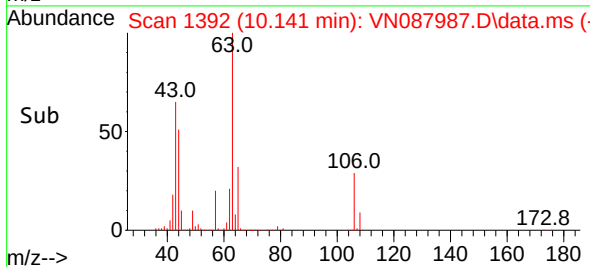
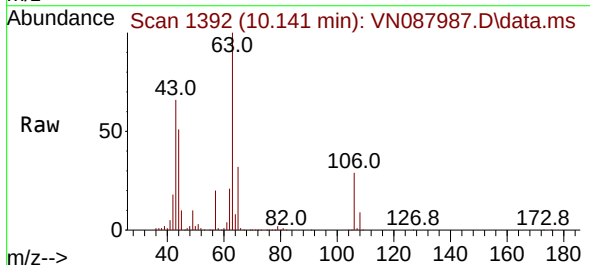
Manual Integrations
APPROVED

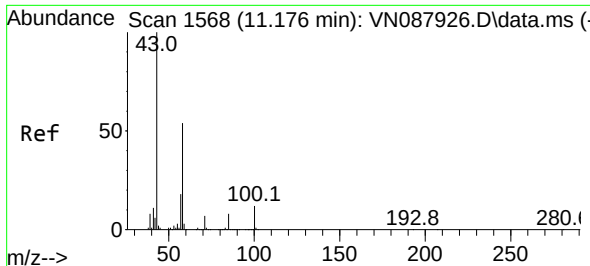
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 340.313 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

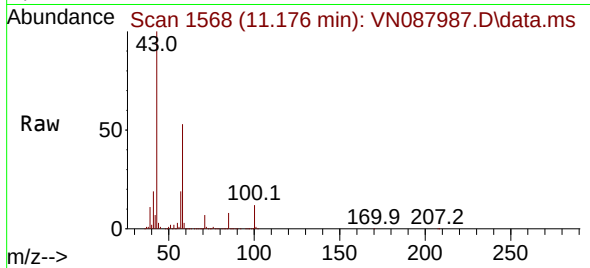
Tgt Ion: 63 Resp: 783801
Ion Ratio Lower Upper
63 100
106 28.9 22.6 33.8





#59
2-Hexanone
Concen: 306.378 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

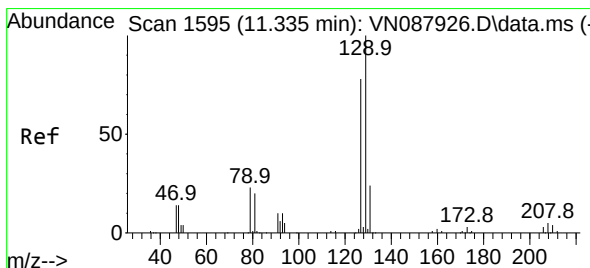
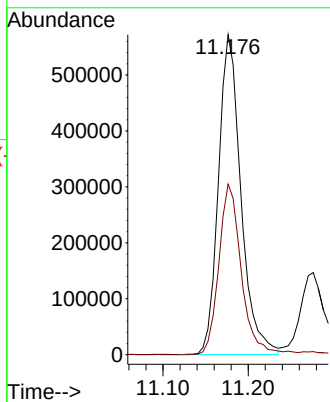
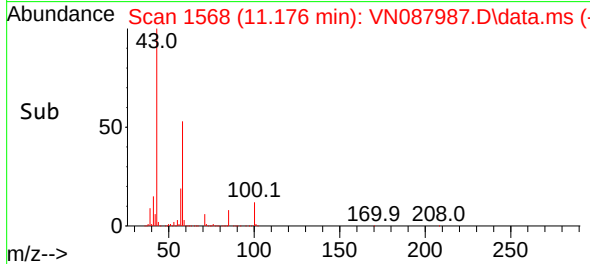
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1048502
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.2

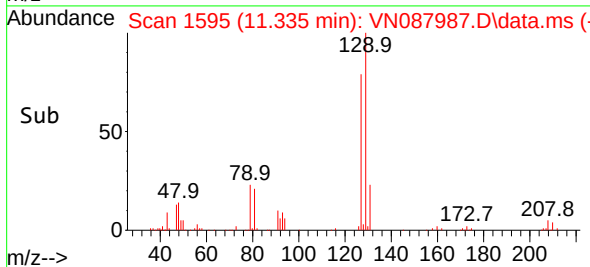
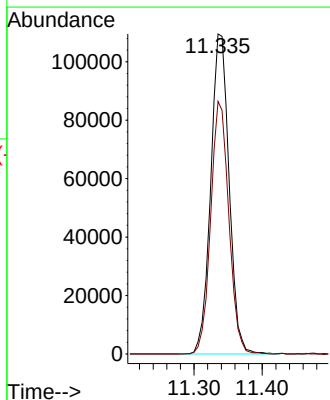
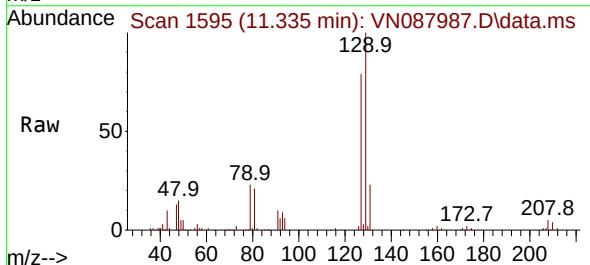
Manual Integrations
APPROVED

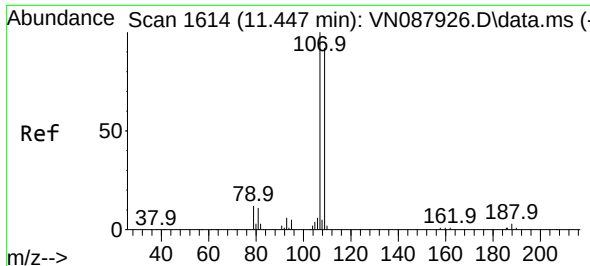
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#60
Dibromochloromethane
Concen: 51.473 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

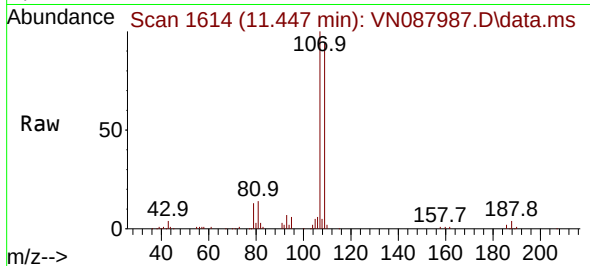
Tgt Ion:129 Resp: 205167
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.9





#61
1,2-Dibromoethane
Concen: 51.442 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

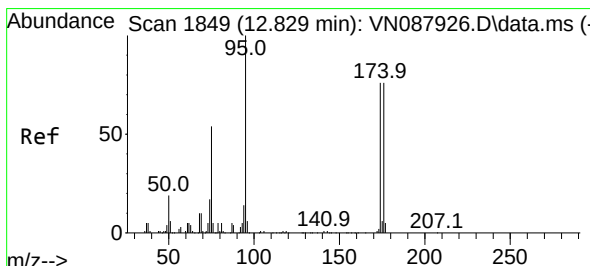
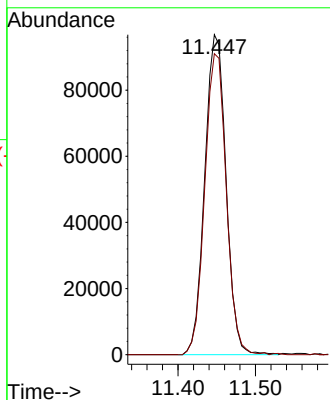
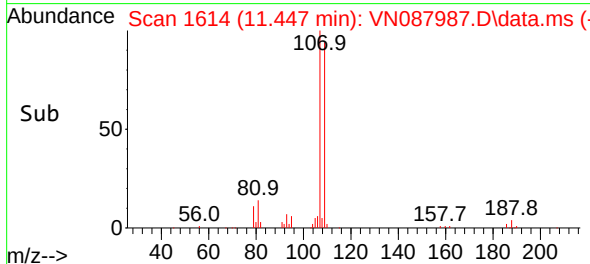
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



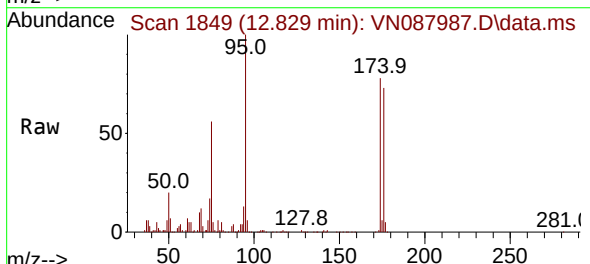
Tgt Ion:107 Resp: 184618
Ion Ratio Lower Upper
107 100
109 94.9 75.3 112.9

Manual Integrations
APPROVED

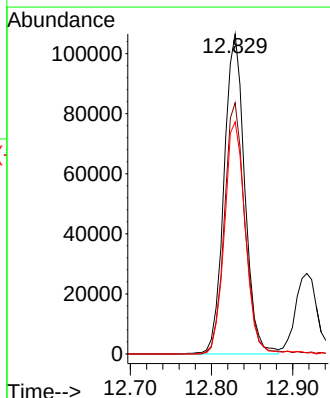
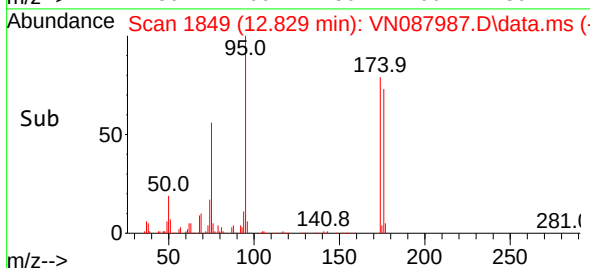
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

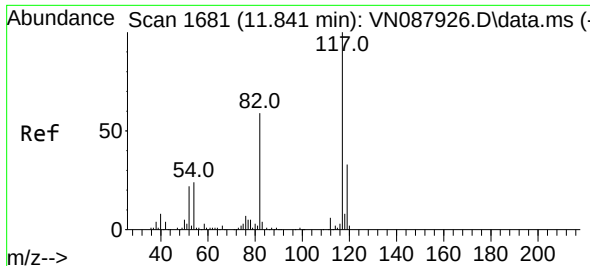


#62
4-Bromofluorobenzene
Concen: 44.872 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



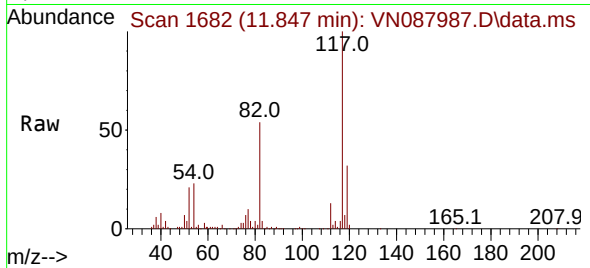
Tgt Ion: 95 Resp: 188230
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.2
176 73.2 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

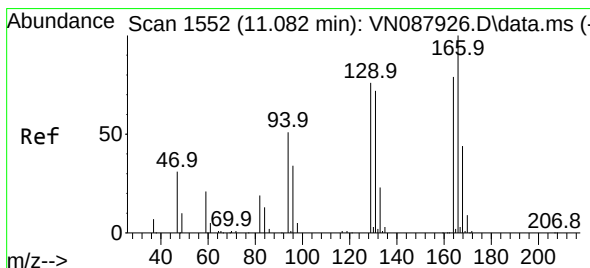
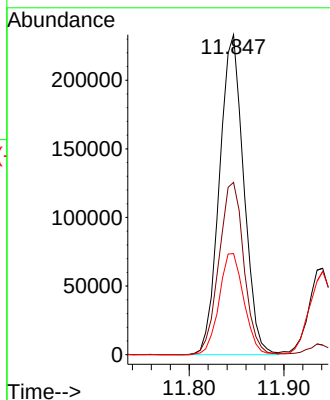
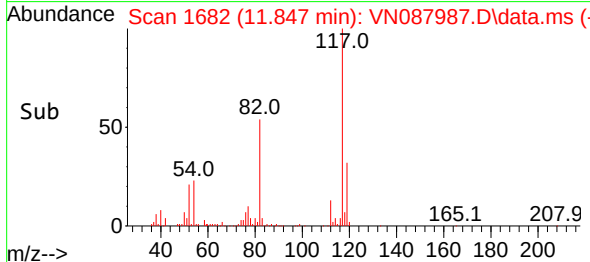
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 415784
Ion Ratio Lower Upper
117 100
82 53.9 47.0 70.4
119 31.6 26.1 39.1

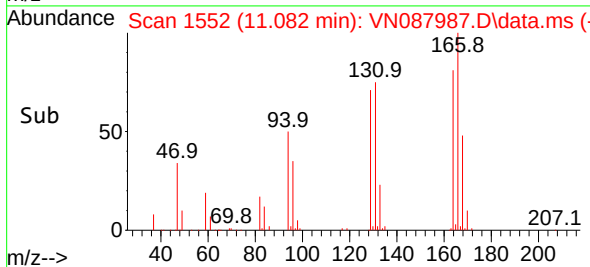
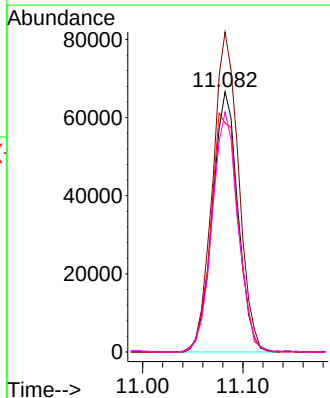
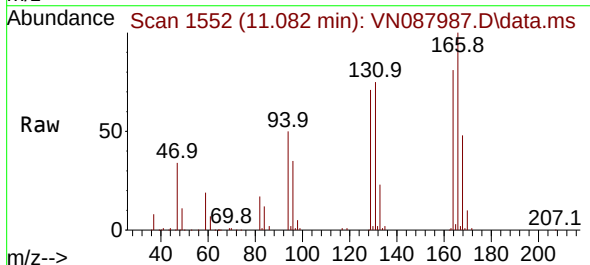
Manual Integrations
APPROVED

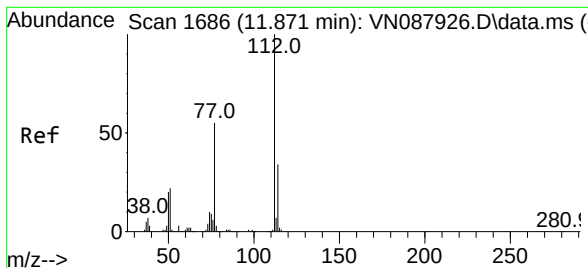
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#64
Tetrachloroethene
Concen: 46.251 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

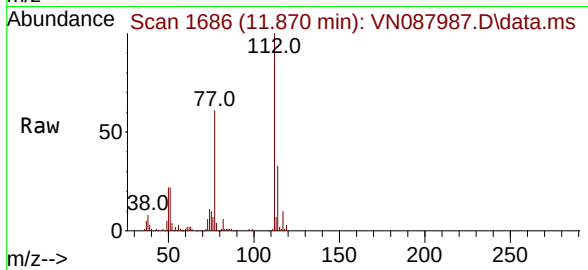
Tgt Ion:164 Resp: 117142
Ion Ratio Lower Upper
164 100
166 123.0 101.6 152.4
129 87.9 77.5 116.3
131 92.2 73.4 110.0





#65
Chlorobenzene
Concen: 47.156 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

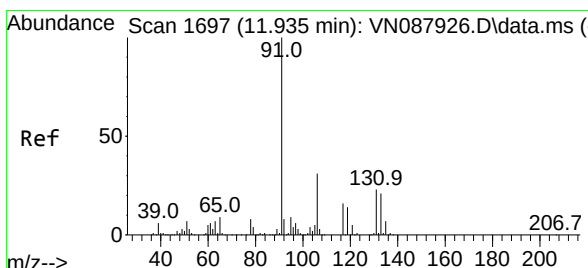
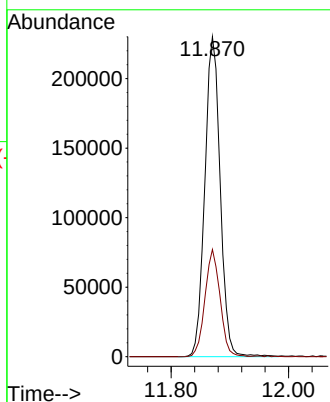
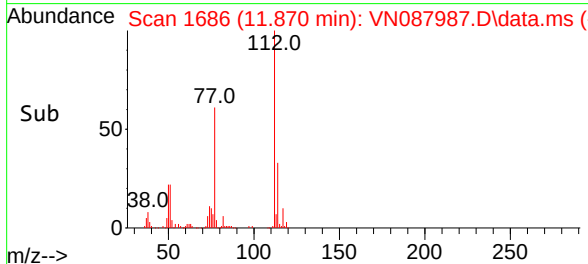
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



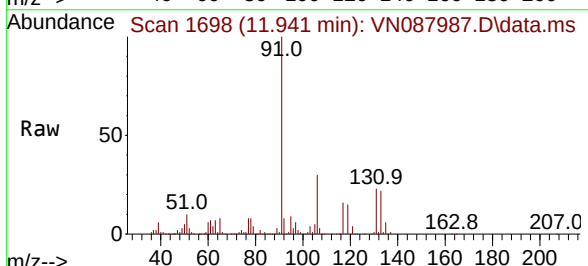
Tgt Ion:112 Resp: 41724
Ion Ratio Lower Upper
112 100
114 33.5 27.2 40.8

Manual Integrations
APPROVED

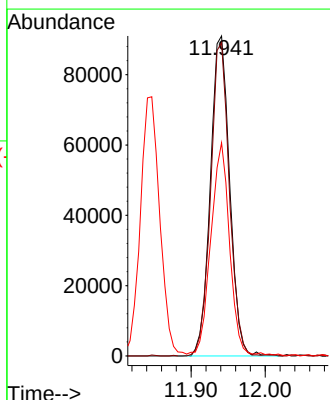
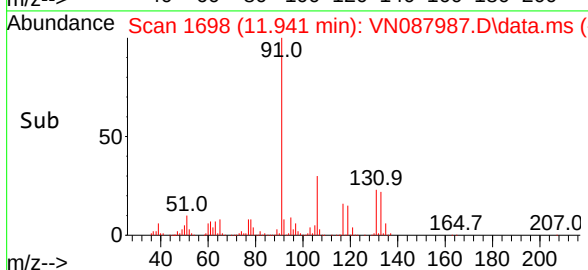
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

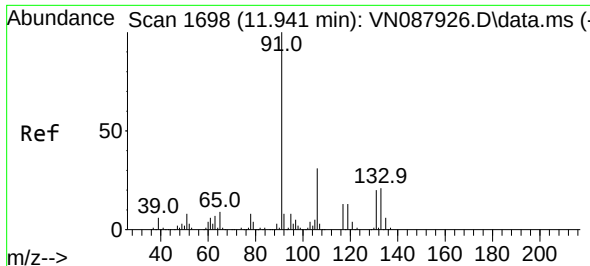


#66
1,1,1,2-Tetrachloroethane
Concen: 51.510 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



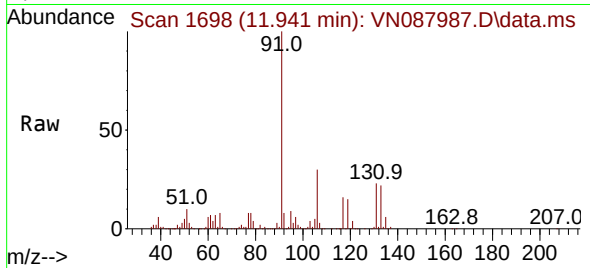
Tgt Ion:131 Resp: 164358
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 63.2 31.9 95.5





#67
Ethyl Benzene
Concen: 46.930 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

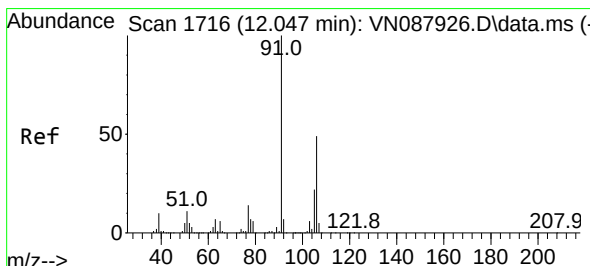
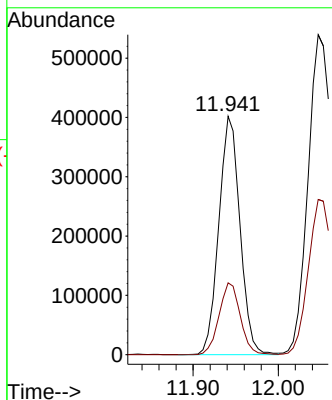
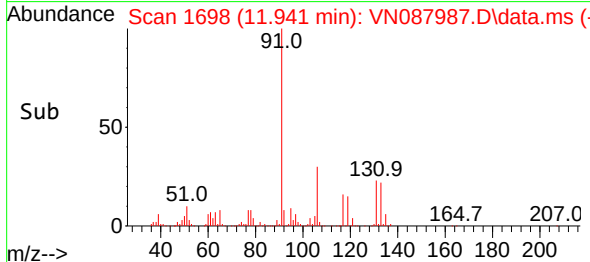
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 692884
Ion Ratio Lower Upper
91 100
106 30.1 25.2 37.8

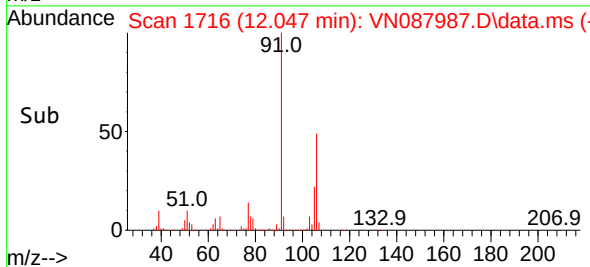
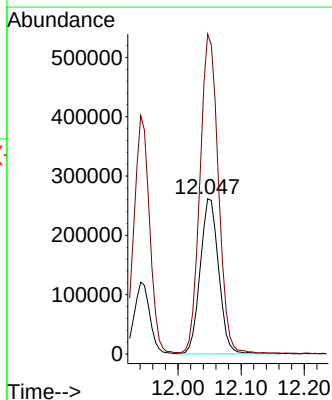
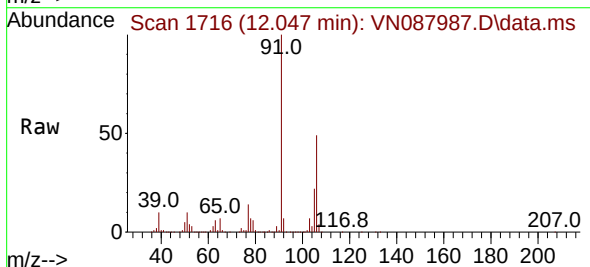
Manual Integrations
APPROVED

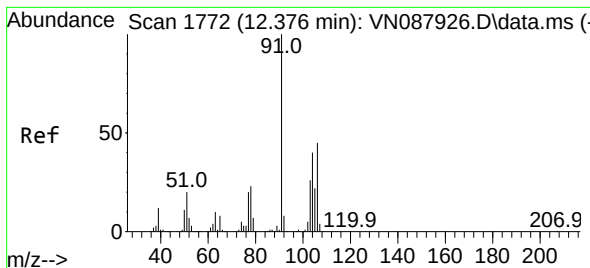
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#68
m/p-Xylenes
Concen: 93.913 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

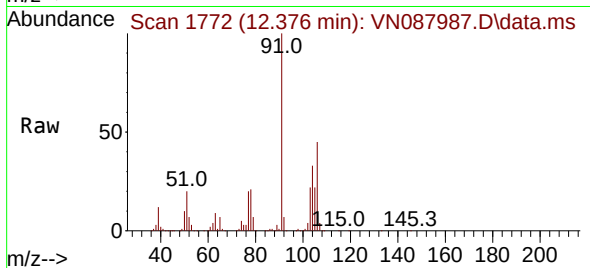
Tgt Ion:106 Resp: 530291
Ion Ratio Lower Upper
106 100
91 206.5 162.9 244.3





#69
o-Xylene
Concen: 47.627 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

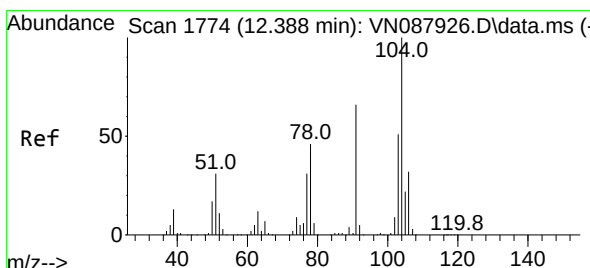
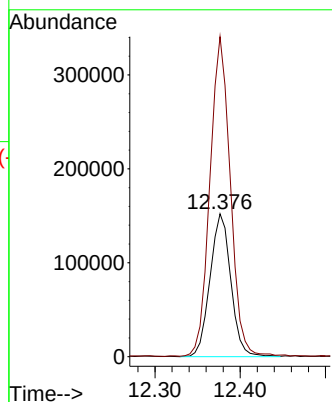
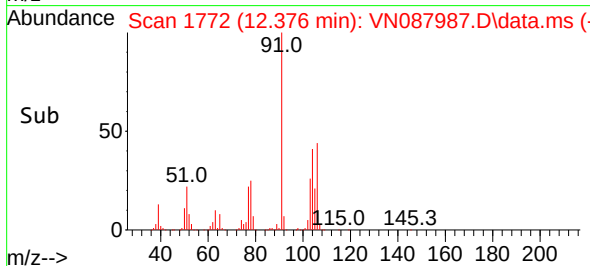
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 258379
Ion Ratio Lower Upper
106 100
91 219.9 108.2 324.6

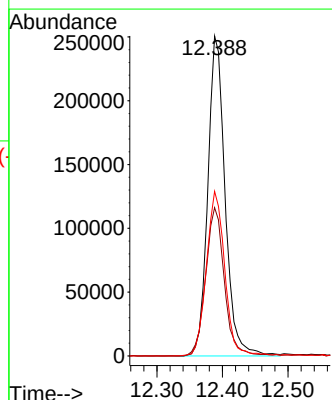
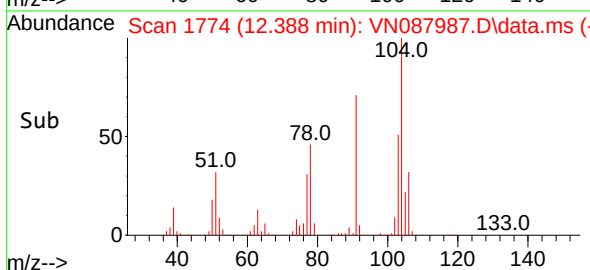
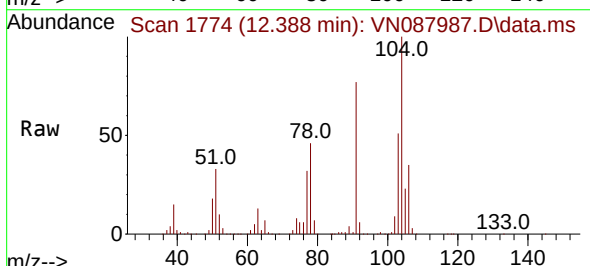
Manual Integrations
APPROVED

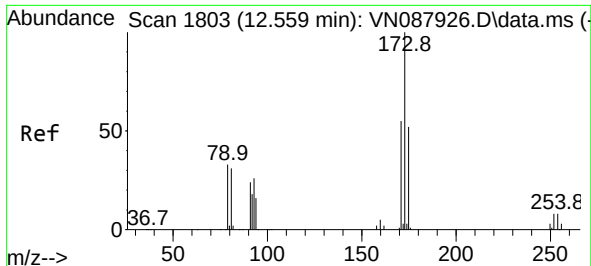
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#70
Styrene
Concen: 49.476 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

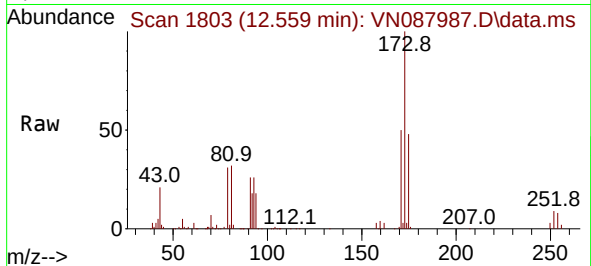
Tgt Ion:104 Resp: 460977
Ion Ratio Lower Upper
104 100
78 50.2 39.7 59.5
103 54.7 44.6 67.0





#71
Bromoform
Concen: 55.849 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

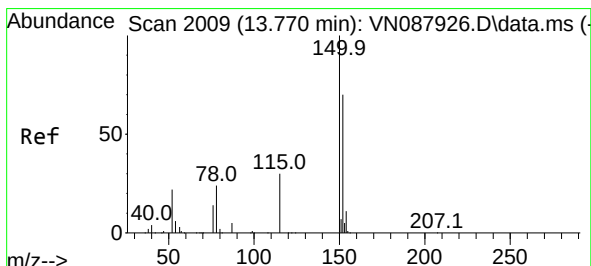
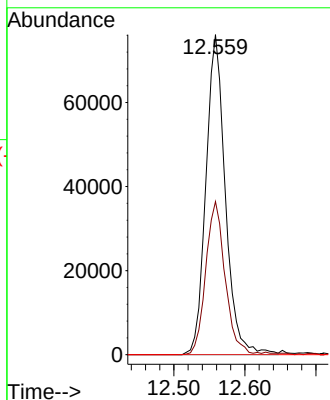
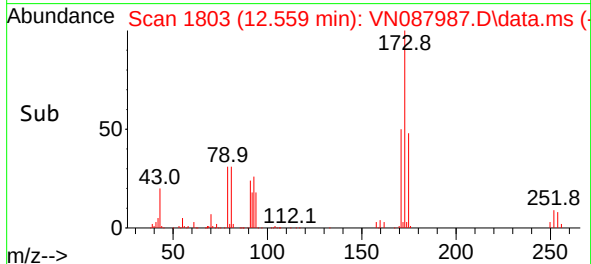
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



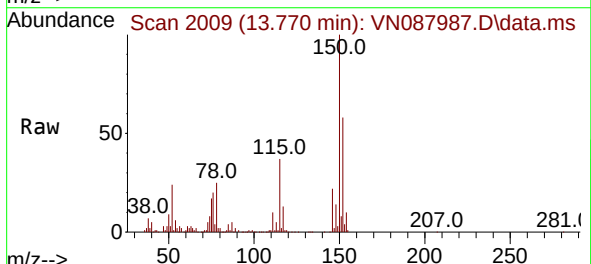
Tgt Ion:173 Resp: 144579
Ion Ratio Lower Upper
173 100
175 47.6 23.7 71.1
254 0.0 0.1 0.1

Manual Integrations
APPROVED

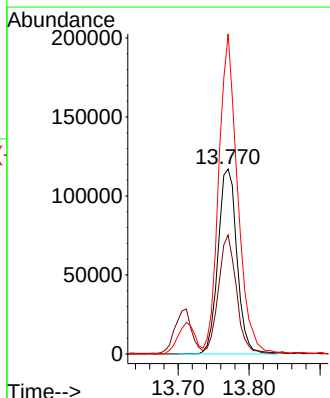
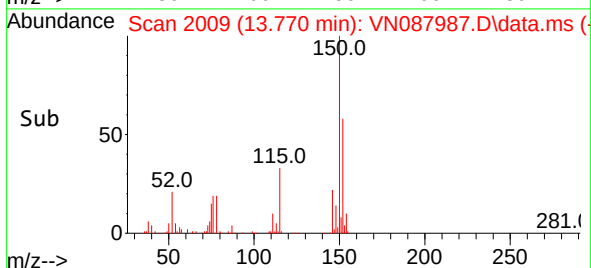
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

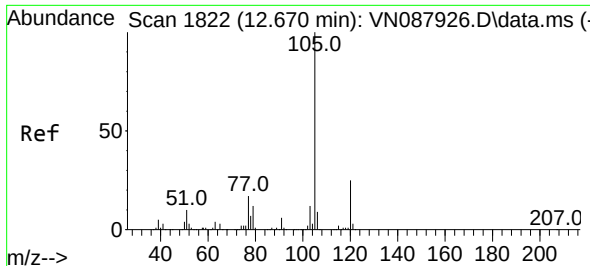


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



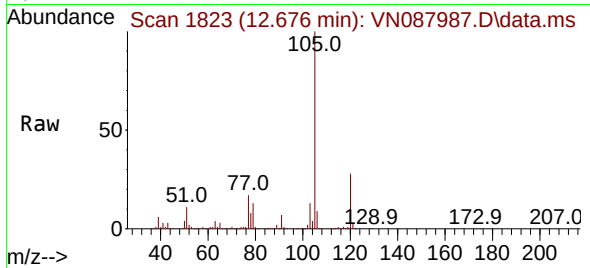
Tgt Ion:152 Resp: 216251
Ion Ratio Lower Upper
152 100
115 60.2 29.9 89.7
150 171.2 0.0 335.0





#73
Isopropylbenzene
Concen: 47.233 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

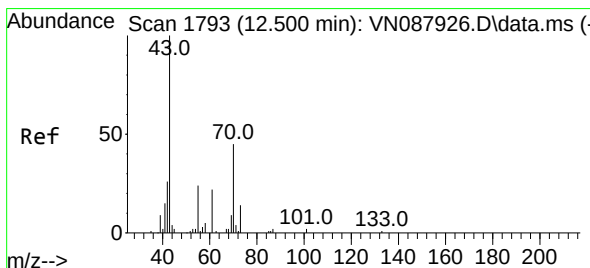
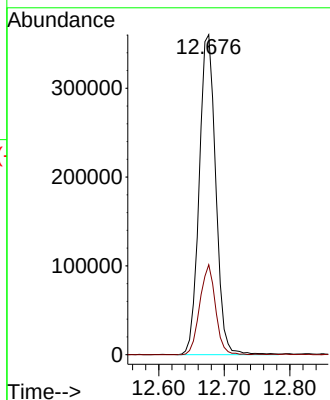
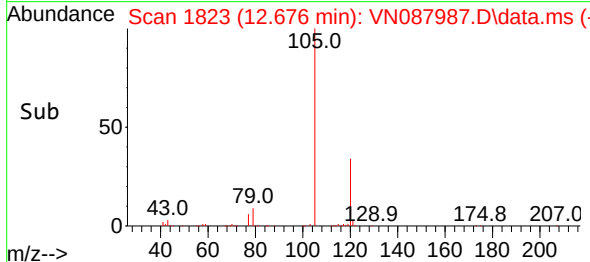
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 63304
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

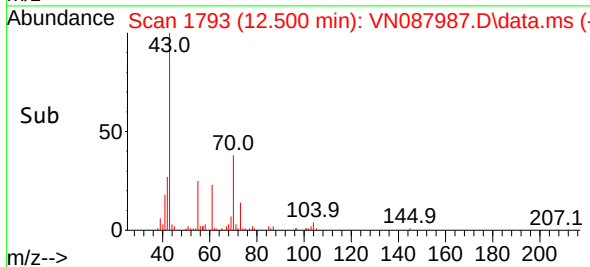
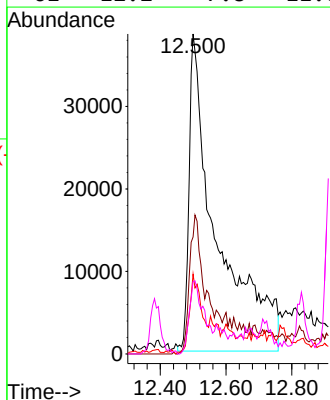
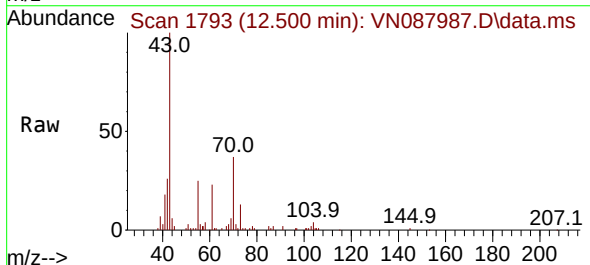
Manual Integrations
APPROVED

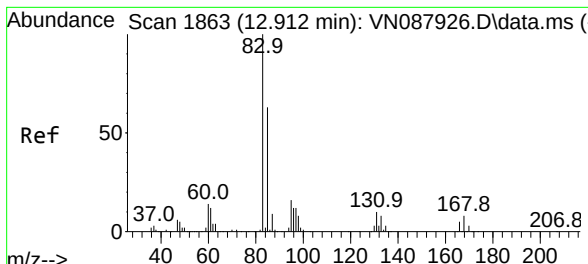
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#74
N-ethyl acetate
Concen: 50.758 ug/l m
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

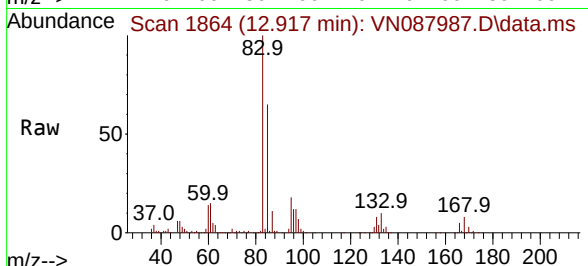
Tgt Ion: 43 Resp: 224151
Ion Ratio Lower Upper
43 100
70 23.3 19.8 29.8
55 11.3 9.6 14.4
61 12.2 7.8 11.6#





#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.034 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54

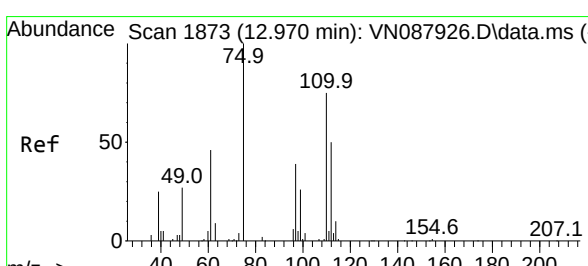
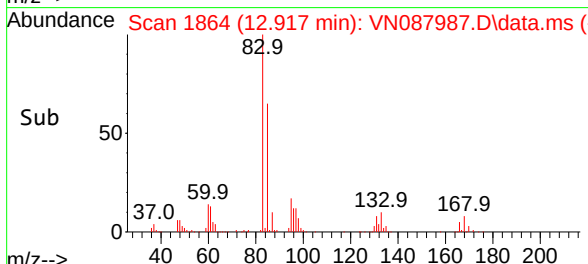
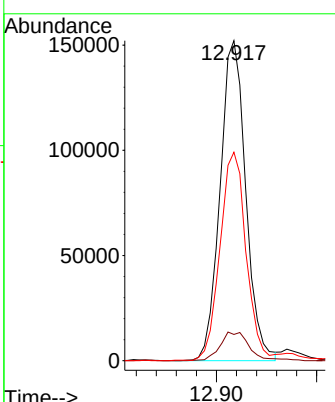
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



Tgt Ion: 83 Resp: 270590

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.2	15.6
85	66.2	32.4	97.0

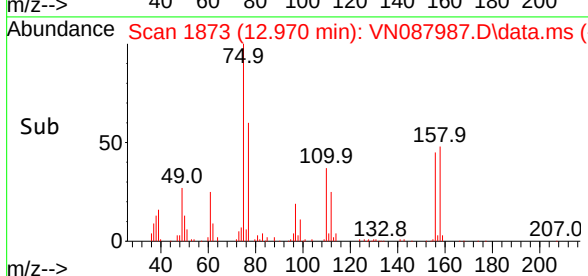
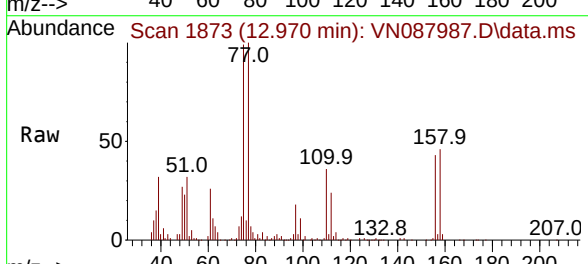
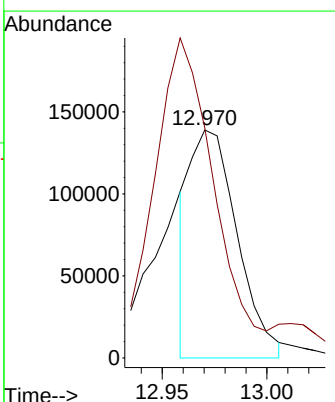
Manual Integrations
APPROVED
 Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025

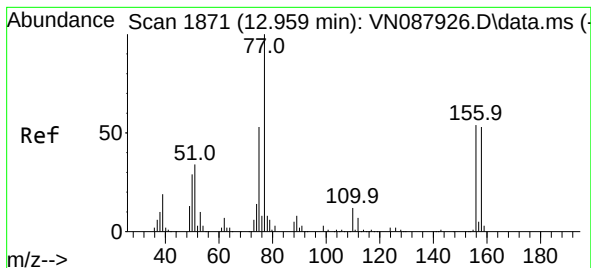


#76
 1,2,3-Trichloropropane
 Concen: 50.947 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54

Tgt Ion: 75 Resp: 217174

Ion	Ratio	Lower	Upper
75	100		
77	180.9	89.5	268.5





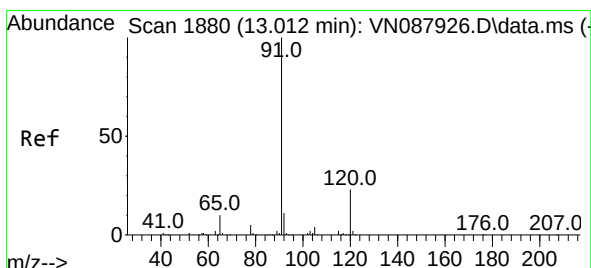
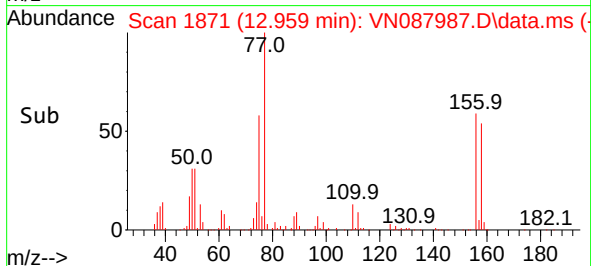
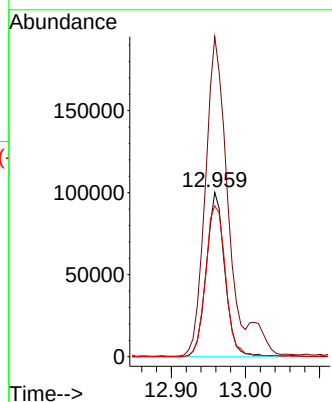
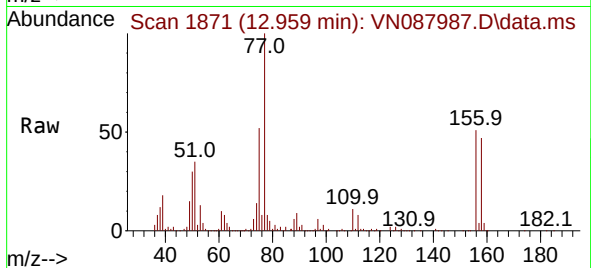
#77
Bromobenzene
Concen: 48.713 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 17371
Ion Ratio Lower Upper
156 100
77 226.1 108.2 324.6
158 99.5 49.6 149.0

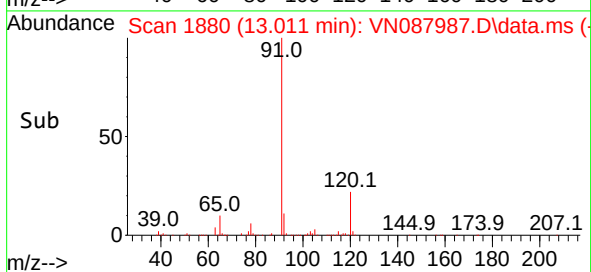
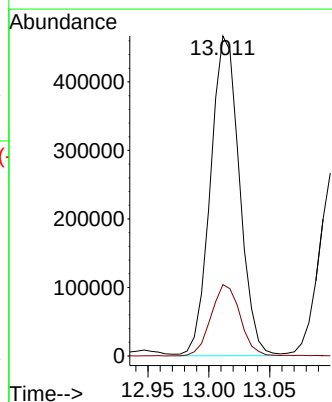
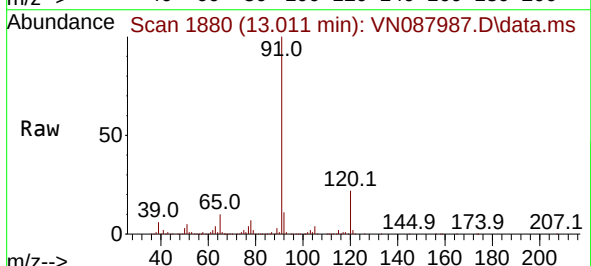
Manual Integrations
APPROVED

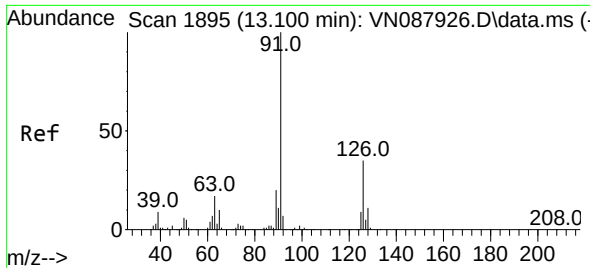
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#78
n-propylbenzene
Concen: 46.153 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

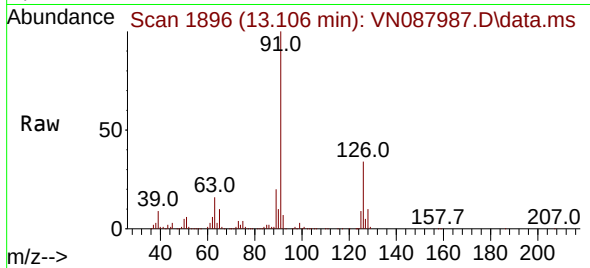
Tgt Ion: 91 Resp: 773378
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1





#79
2-Chlorotoluene
Concen: 47.617 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

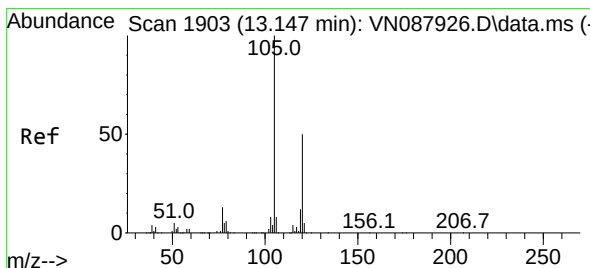
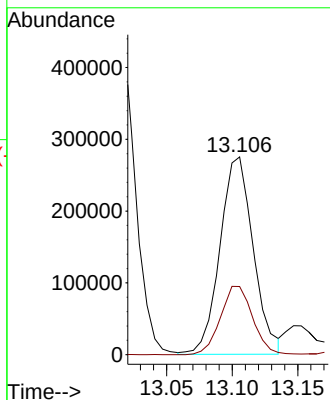
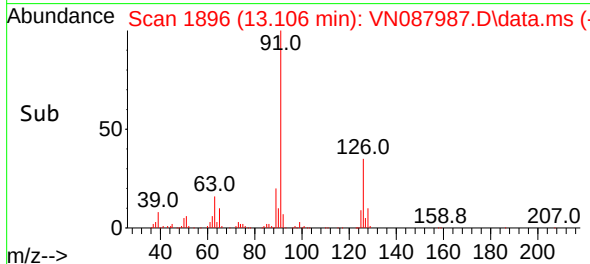
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



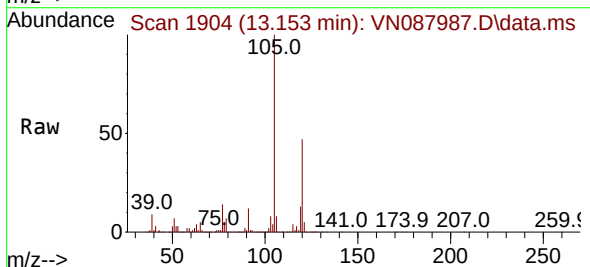
Tgt Ion: 91 Resp: 485839
Ion Ratio Lower Upper
91 100
126 33.7 16.6 49.8

Manual Integrations
APPROVED

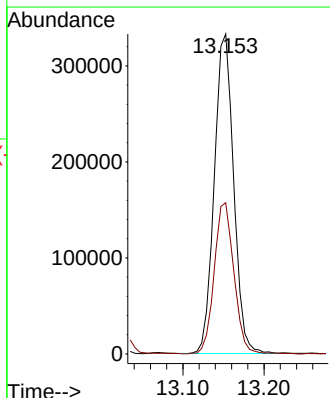
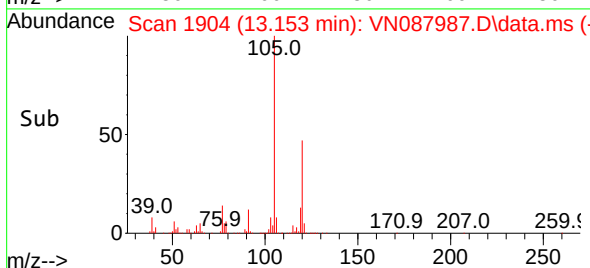
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

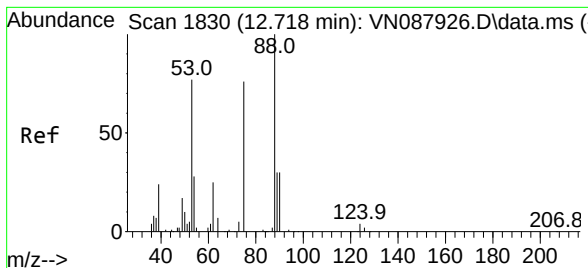


#80
1,3,5-Trimethylbenzene
Concen: 47.574 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54



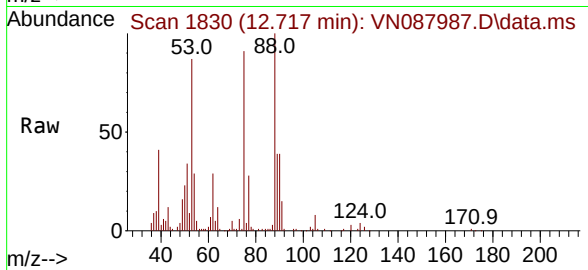
Tgt Ion:105 Resp: 551523
Ion Ratio Lower Upper
105 100
120 48.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.221 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

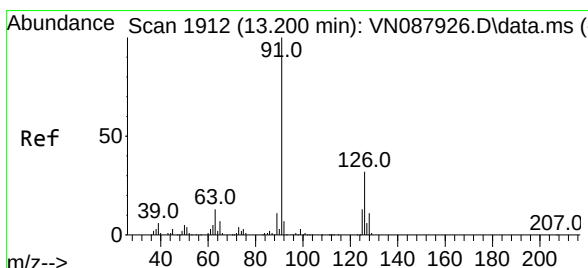
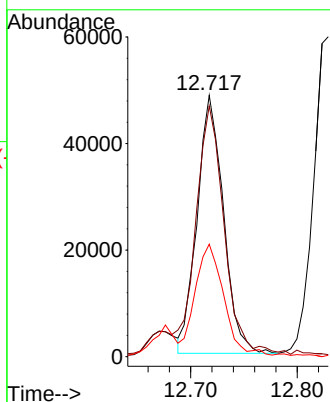
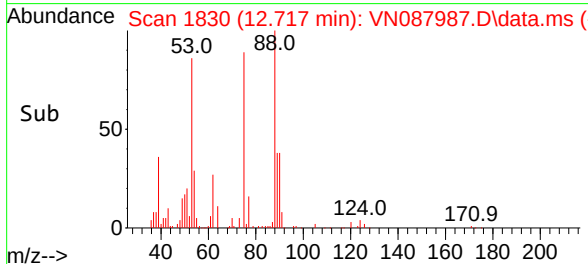
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 83230
Ion Ratio Lower Upper
75 100
53 116.5 82.0 123.0
89 46.7 36.1 54.1

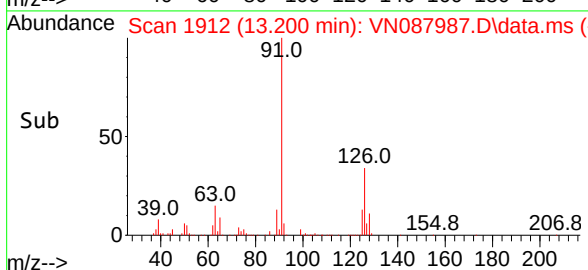
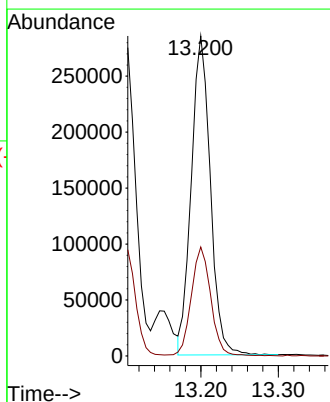
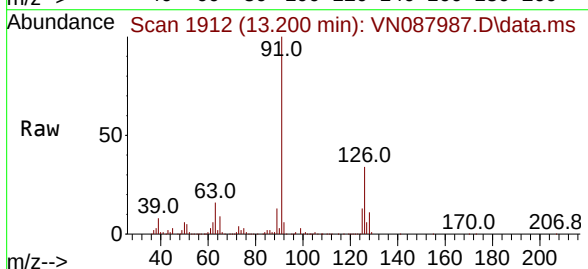
Manual Integrations
APPROVED

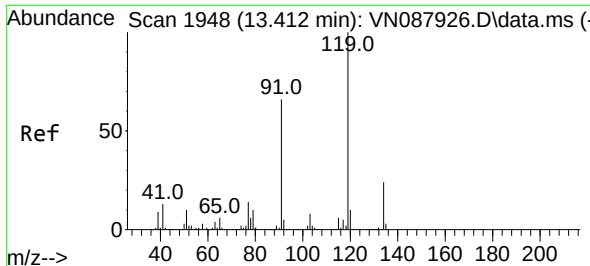
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#82
4-Chlorotoluene
Concen: 47.249 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

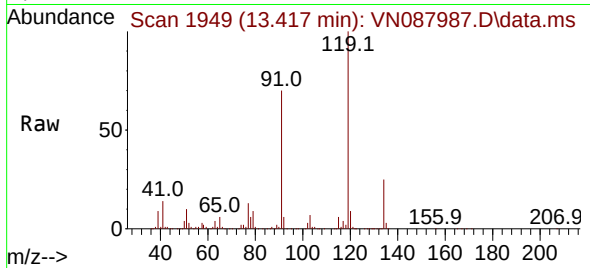
Tgt Ion: 91 Resp: 485768
Ion Ratio Lower Upper
91 100
126 35.2 16.9 50.6





#83
 tert-Butylbenzene
 Concen: 48.049 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54

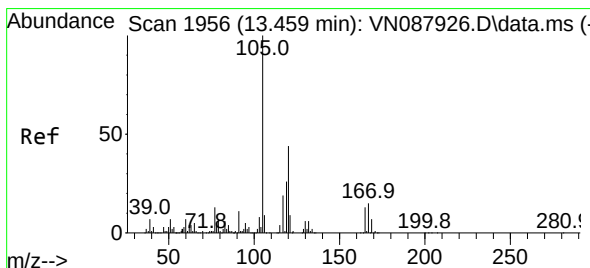
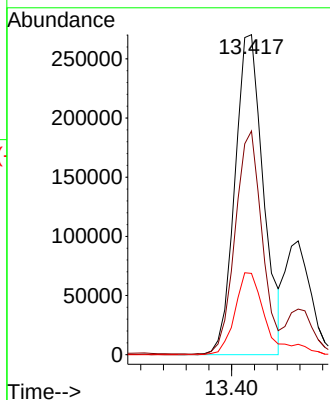
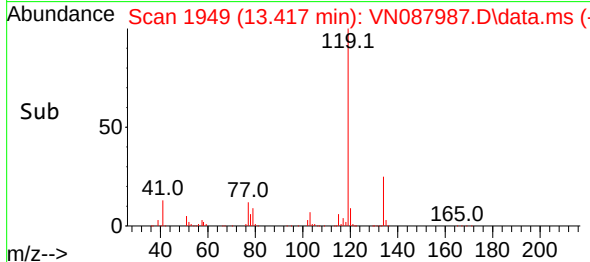
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:119 Resp: 471480
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.1 96.3
 134 27.8 12.3 36.8

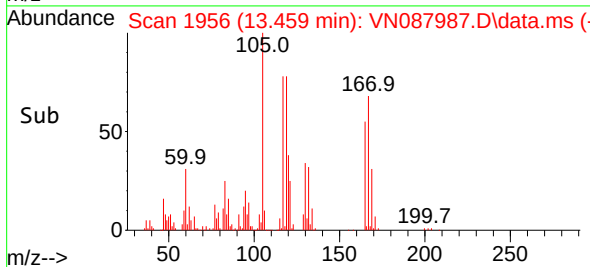
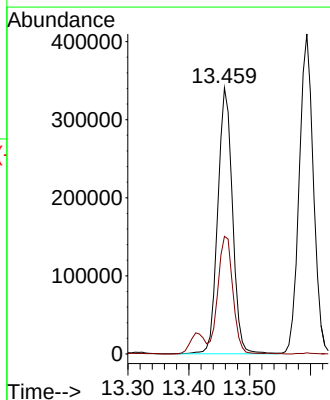
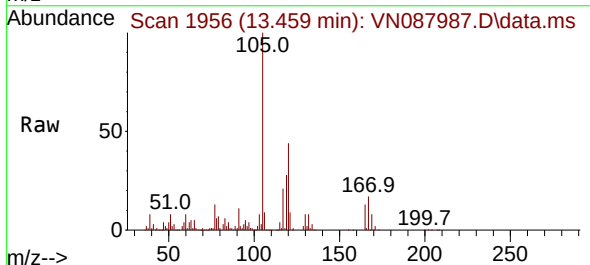
Manual Integrations
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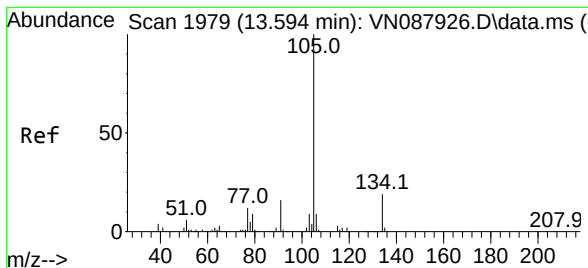
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 47.944 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54

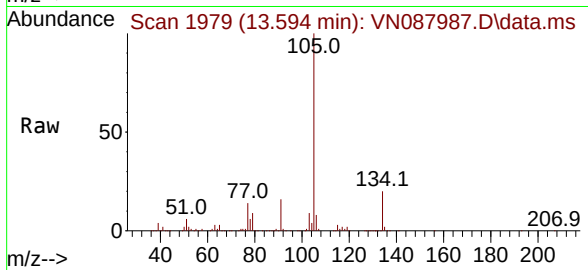
Tgt Ion:105 Resp: 570094
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 45.972 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54

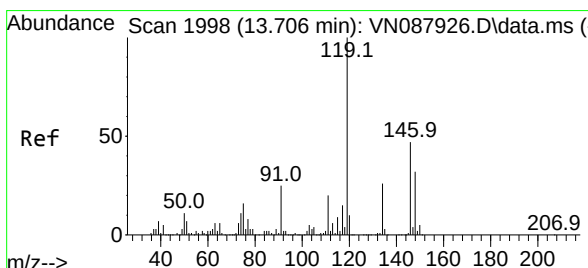
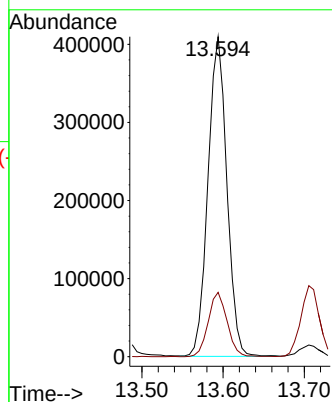
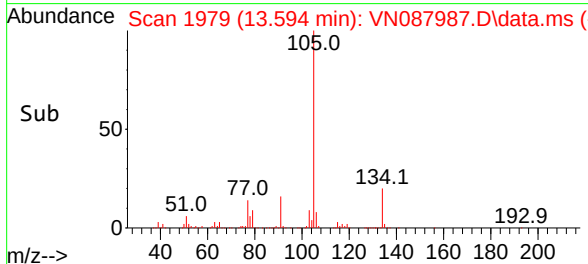
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



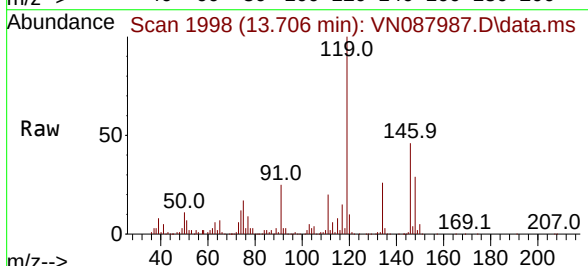
Tgt Ion:105 Resp: 661379
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.6 28.8

Manual Integrations
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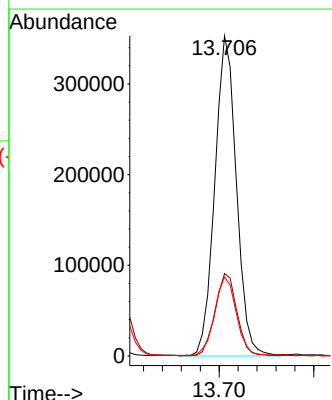
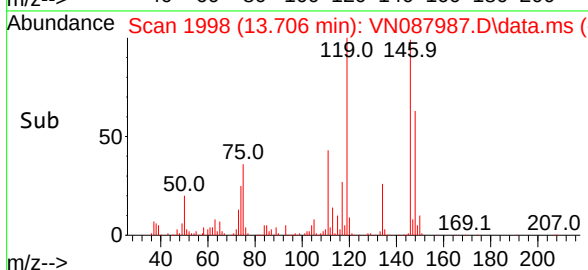
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025

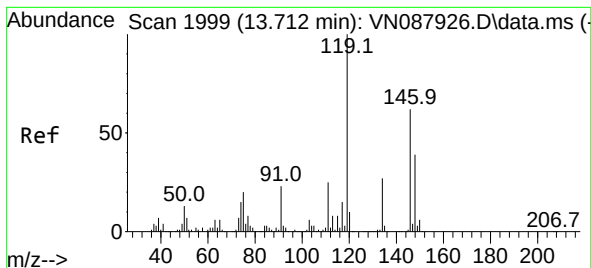


#86
 p-Isopropyltoluene
 Concen: 45.954 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54



Tgt Ion:119 Resp: 559929
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 46.464 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

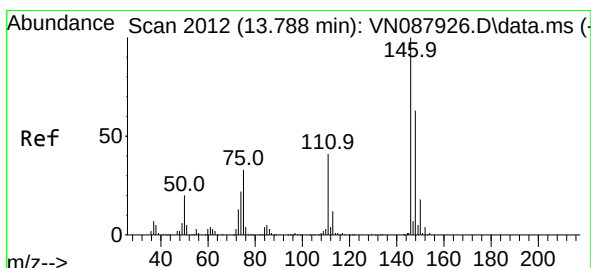
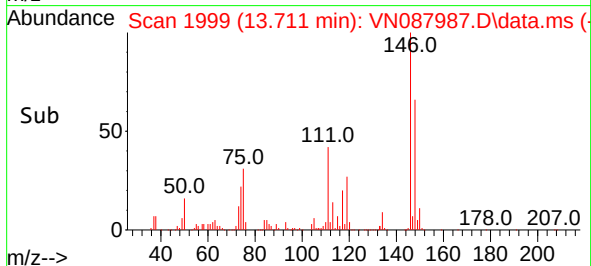
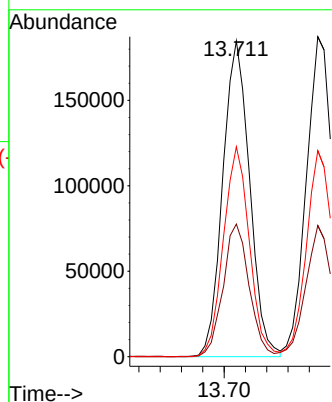
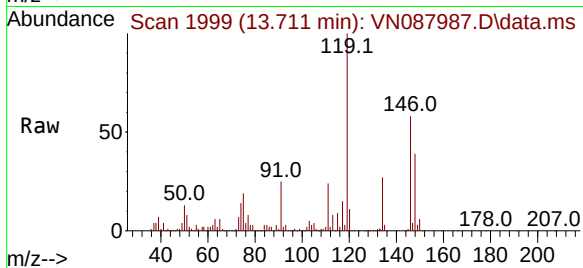
Tgt Ion:146	Resp:	32333
Ion Ratio	Lower	Upper
146	100	
111	40.9	20.3 60.8
148	64.4	32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#88

1,4-Dichlorobenzene

Concen: 46.309 ug/l

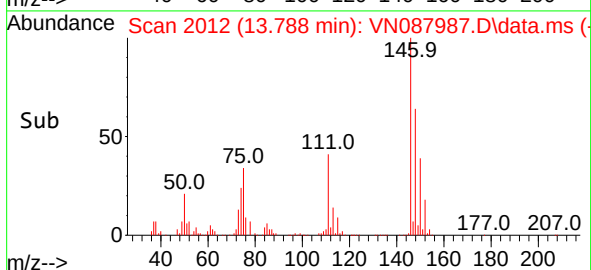
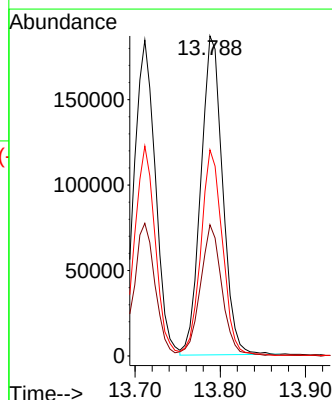
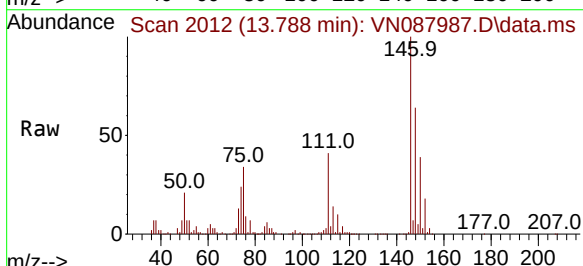
RT: 13.788 min Scan# 1212

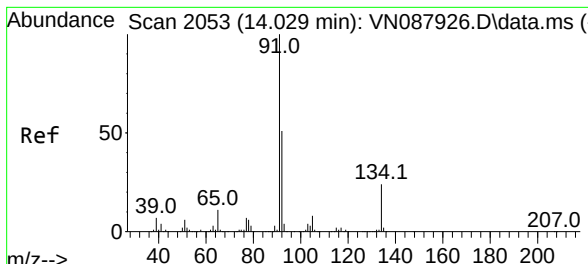
Delta R.T. -0.000 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

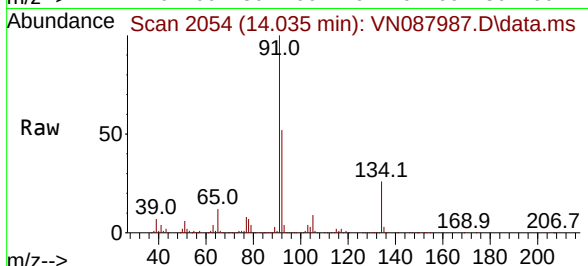
Tgt Ion:146	Resp:	331177
Ion Ratio	Lower	Upper
146	100	
111	40.5	20.5 61.5
148	64.1	32.8 98.4





#89
n-Butylbenzene
Concen: 45.343 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

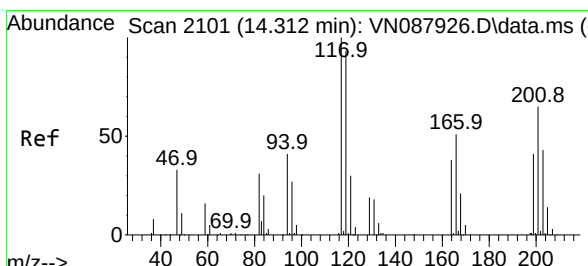
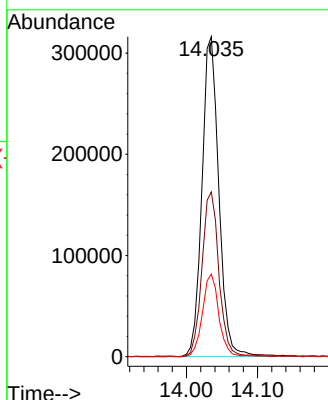
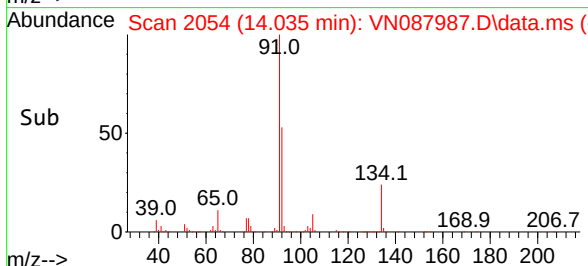
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 522130
Ion Ratio Lower Upper
91 100
92 52.0 25.9 77.8
134 25.2 12.6 37.8

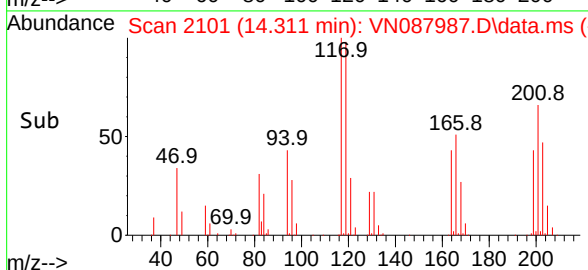
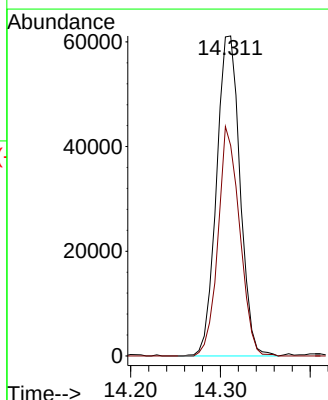
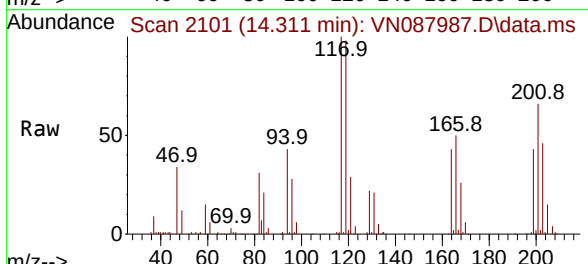
Manual Integrations
APPROVED

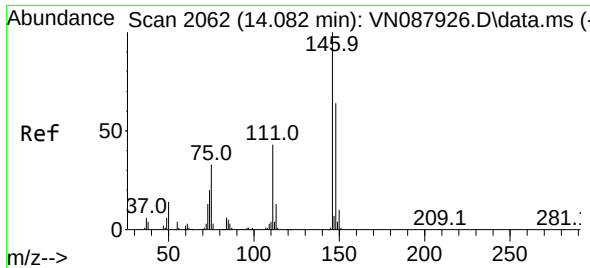
Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#90
Hexachloroethane
Concen: 43.686 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

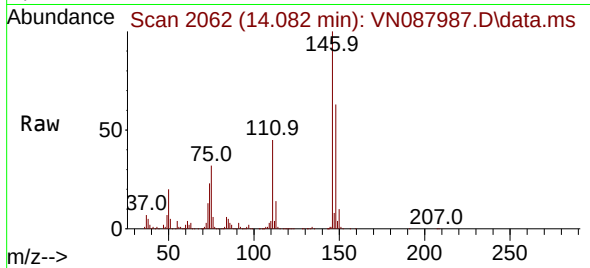
Tgt Ion:117 Resp: 111190
Ion Ratio Lower Upper
117 100
201 65.8 33.6 100.6





#91
 1,2-Dichlorobenzene
 Concen: 48.668 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54

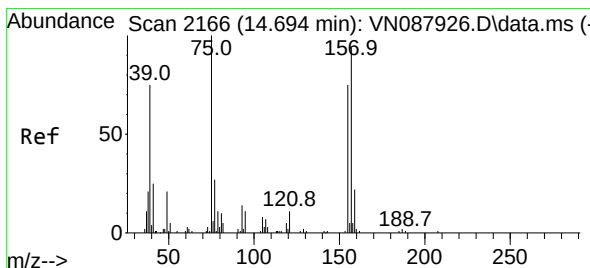
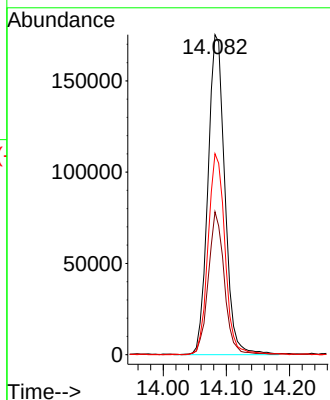
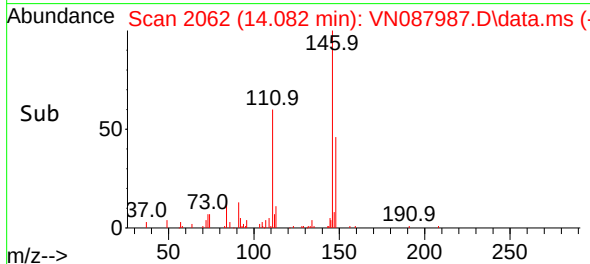
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



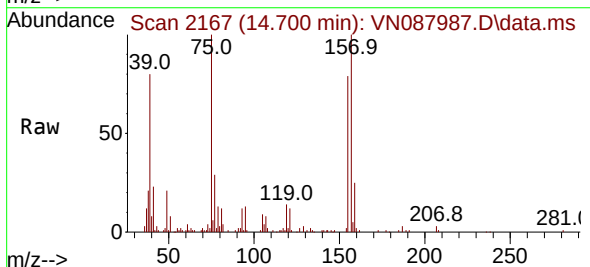
Tgt Ion:146 Resp: 32644
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.9 62.7
 148 62.9 31.9 95.9

Manual Integrations
 APPROVED

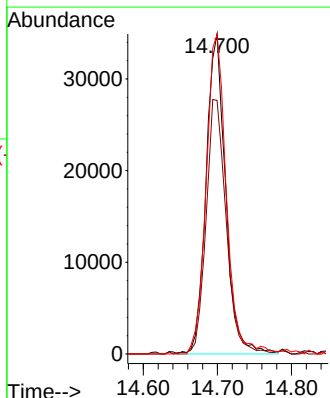
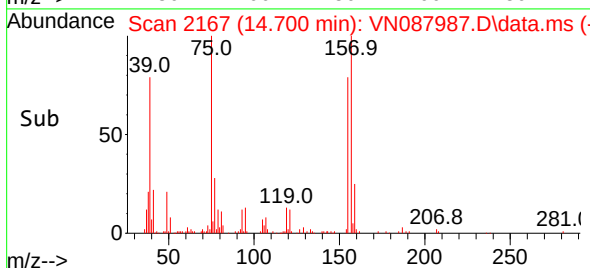
Reviewed By :John Carlone 09/30/2025
 Supervised By :Mahesh Dadoda 10/03/2025

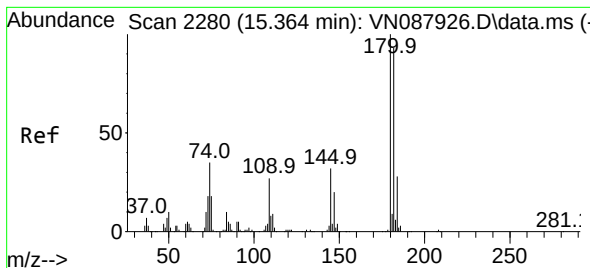


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.902 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087987.D
 Acq: 29 Sep 2025 16:54



Tgt Ion: 75 Resp: 63847
 Ion Ratio Lower Upper
 75 100
 155 82.1 40.2 120.6
 157 103.3 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 48.701 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 192878

Ion Ratio Lower Upper

180 100

182 92.2 48.5 145.5

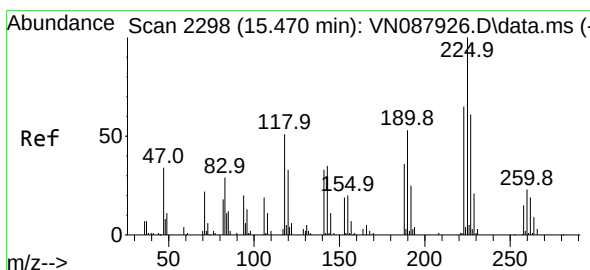
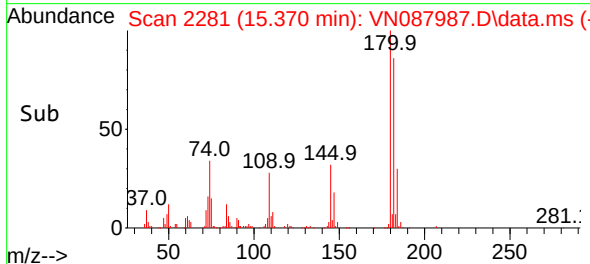
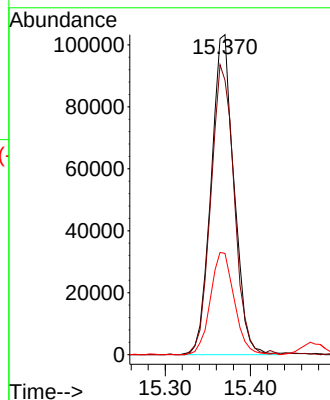
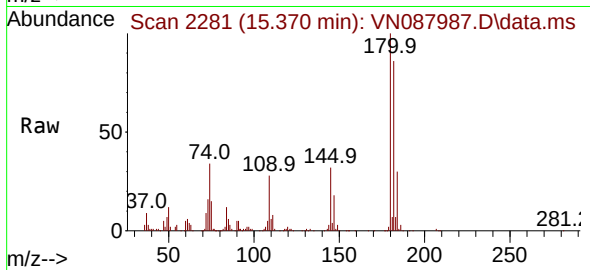
145 33.4 15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#94

Hexachlorobutadiene

Concen: 42.814 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087987.D

Acq: 29 Sep 2025 16:54

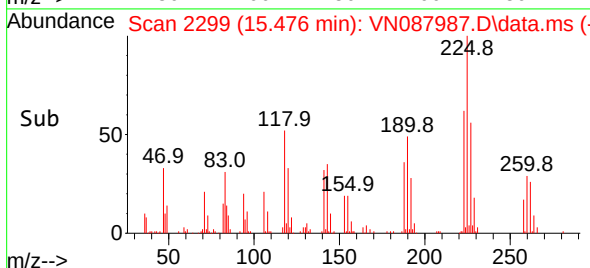
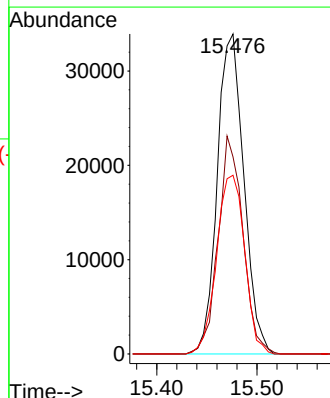
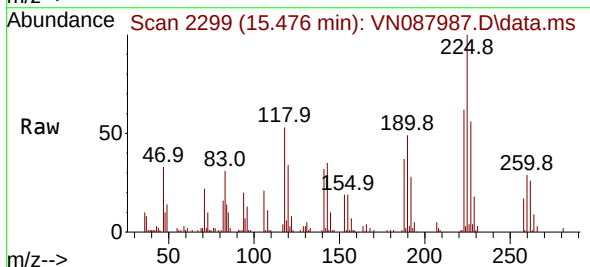
Tgt Ion:225 Resp: 62410

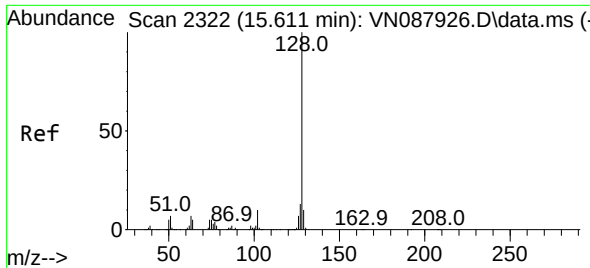
Ion Ratio Lower Upper

225 100

223 63.5 31.8 95.4

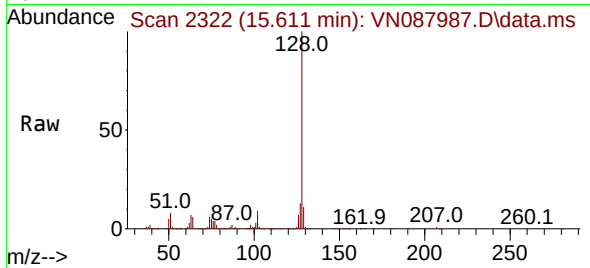
227 59.0 31.9 95.9





#95
Naphthalene
Concen: 57.344 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

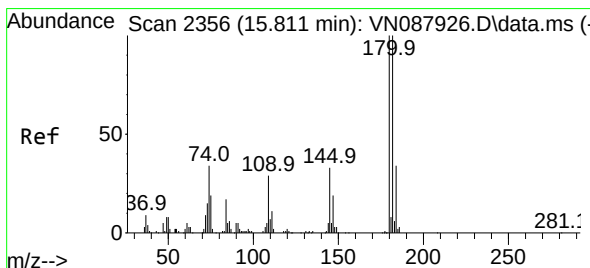
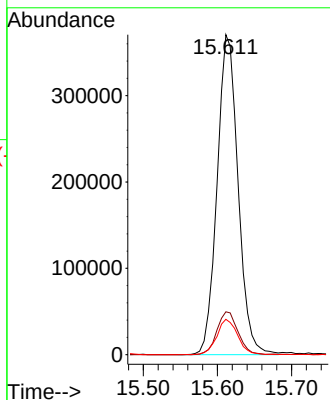
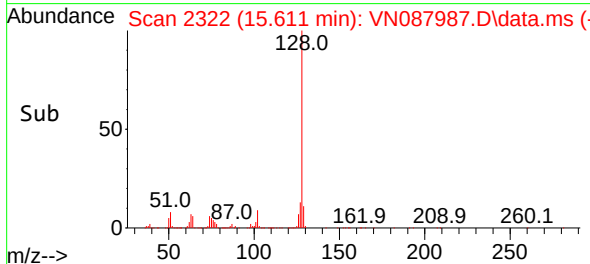
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 729010
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.545 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087987.D
Acq: 29 Sep 2025 16:54

Tgt Ion:180 Resp: 190760
Ion Ratio Lower Upper
180 100
182 96.7 47.3 142.0
145 33.7 16.1 48.3

