

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090225\
 Data File : VN087703.D
 Acq On : 02 Sep 2025 10:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 03 01:15:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2025
 Supervised By : Semsettin Yesilyurt 09/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	244016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	467317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	425183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	216198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	220317	44.067	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.140%		
35) Dibromofluoromethane	8.147	113	152845	45.301	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.600%		
50) Toluene-d8	10.547	98	570786	45.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.400%		
62) 4-Bromofluorobenzene	12.829	95	204245	45.478	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	160365	46.272	ug/l	100
3) Chloromethane	2.383	50	158011	44.365	ug/l	99
4) Vinyl Chloride	2.536	62	183687	44.481	ug/l	91
5) Bromomethane	2.971	94	94402	44.304	ug/l	98
6) Chloroethane	3.130	64	123484	42.545	ug/l	99
7) Trichlorofluoromethane	3.506	101	274894	45.435	ug/l	97
8) Diethyl Ether	3.959	74	116800	44.327	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	149791	43.754	ug/l	99
10) Methyl Iodide	4.583	142	101364	41.033	ug/l	99
11) Tert butyl alcohol	5.524	59	197974	228.094	ug/l	98
12) 1,1-Dichloroethene	4.336	96	150720	42.841	ug/l	99
13) Acrolein	4.171	56	202298	189.590	ug/l	98
14) Allyl chloride	5.012	41	302397	47.432	ug/l	91
15) Acrylonitrile	5.706	53	536307	219.095	ug/l	98
16) Acetone	4.418	43	583928	214.551	ug/l	95
17) Carbon Disulfide	4.706	76	397106	41.001	ug/l	96
18) Methyl Acetate	5.018	43	269026	47.210	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	599795	45.447	ug/l	100
20) Methylene Chloride	5.265	84	175761	44.512	ug/l	92
21) trans-1,2-Dichloroethene	5.771	96	156355	41.007	ug/l	97
22) Diisopropyl ether	6.653	45	620848	45.126	ug/l	98
23) Vinyl Acetate	6.588	43	2801917	223.852	ug/l	100
24) 1,1-Dichloroethane	6.553	63	332257	44.046	ug/l	96
25) 2-Butanone	7.465	43	778303	217.364	ug/l	99
26) 2,2-Dichloropropane	7.471	77	289916	44.780	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	200440	43.973	ug/l	98
28) Bromochloromethane	7.794	49	156005	42.779	ug/l	98
29) Tetrahydrofuran	7.824	42	487301	211.470	ug/l	99
30) Chloroform	7.947	83	344103	44.692	ug/l	95
31) Cyclohexane	8.235	56	260414	41.411	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	284226	43.559	ug/l	99
36) 1,1-Dichloropropene	8.353	75	222613	43.007	ug/l	99
37) Ethyl Acetate	7.541	43	302224	42.729	ug/l	96
38) Carbon Tetrachloride	8.341	117	237266	46.426	ug/l	90
39) Methylcyclohexane	9.576	83	246125	43.190	ug/l	99
40) Benzene	8.588	78	714089	44.979	ug/l	97

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Manual Integrations
 APPROVED

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Quant Time: Sep 03 01:15:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	163043	44.500	ug/l	99
42) 1,2-Dichloroethane	8.653	62	269079	44.105	ug/l	99
43) Isopropyl Acetate	8.671	43	503109	45.559	ug/l	100
44) Trichloroethene	9.335	130	160416	44.257	ug/l	100
45) 1,2-Dichloropropane	9.600	63	182087	43.512	ug/l	100
46) Dibromomethane	9.688	93	135416	45.473	ug/l	99
47) Bromodichloromethane	9.865	83	287856	47.165	ug/l	94
48) Methyl methacrylate	9.665	41	231628	44.344	ug/l	98
49) 1,4-Dioxane	9.682	88	69818	1031.248	ug/l #	100
51) 4-Methyl-2-Pentanone	10.423	43	1541175	231.314	ug/l	99
52) Toluene	10.606	92	437909	44.493	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	301552	47.734	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	312123	47.583	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	172752	45.372	ug/l	96
56) Ethyl methacrylate	10.853	69	303342	49.853	ug/l	99
57) 1,3-Dichloropropane	11.141	76	305978	45.409	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	822651	249.789	ug/l	99
59) 2-Hexanone	11.176	43	1068256	253.693	ug/l	100
60) Dibromochloromethane	11.341	129	205674	46.621	ug/l	97
61) 1,2-Dibromoethane	11.447	107	186571	46.472	ug/l	99
64) Tetrachloroethene	11.076	164	126274	42.807	ug/l	95
65) Chlorobenzene	11.870	112	486069	45.951	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	170429	48.532	ug/l	98
67) Ethyl Benzene	11.941	91	855149	46.692	ug/l	99
68) m/p-Xylenes	12.053	106	638678	95.086	ug/l	99
69) o-Xylene	12.376	106	311931	47.388	ug/l	99
70) Styrene	12.388	104	546567	49.562	ug/l	99
71) Bromoform	12.559	173	131310	48.755	ug/l #	98
73) Isopropylbenzene	12.670	105	803751	46.007	ug/l	100
74) N-amyl acetate	12.494	43	309573m	46.759	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	280111	46.571	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	254715m	50.240	ug/l	
77) Bromobenzene	12.959	156	189549	46.016	ug/l	99
78) n-propylbenzene	13.011	91	992637	46.128	ug/l	100
79) 2-Chlorotoluene	13.106	91	596779	46.084	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	681082	45.956	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	95794	50.021	ug/l	83
82) 4-Chlorotoluene	13.200	91	611619	44.921	ug/l	98
83) tert-Butylbenzene	13.411	119	575713	46.616	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	702180	47.329	ug/l	99
85) sec-Butylbenzene	13.594	105	836575	45.646	ug/l	99
86) p-Isopropyltoluene	13.706	119	700419	46.282	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	370043	45.618	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	375628	44.497	ug/l	98
89) n-Butylbenzene	14.029	91	675260	44.927	ug/l	99
90) Hexachloroethane	14.306	117	136569	47.367	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	353771	45.970	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	60768	42.530	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	208099	45.031	ug/l	99
94) Hexachlorobutadiene	15.470	225	65828	39.956	ug/l	98
95) Naphthalene	15.611	128	744471	45.482	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	201248	44.546	ug/l	99

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ClientSampleId :
VSTDCCC050

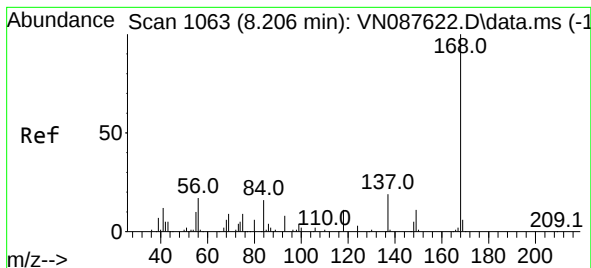
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

Quant Time: Sep 03 01:15:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

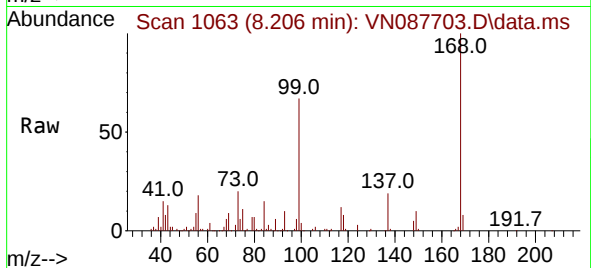
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087703.D
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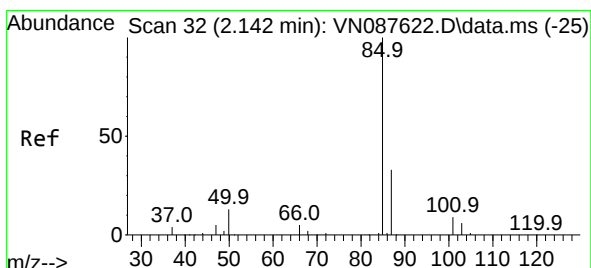
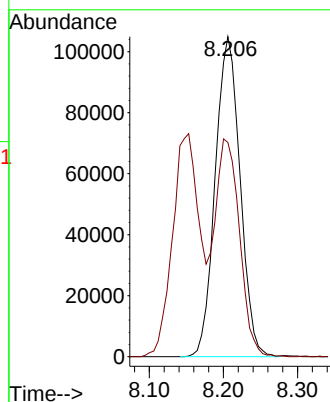
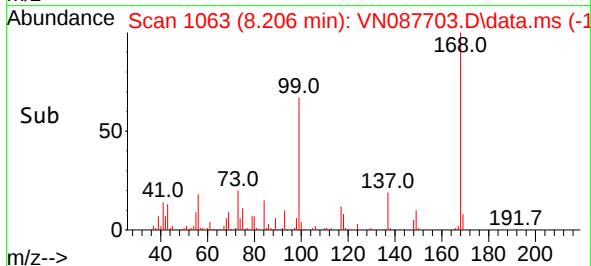
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 244010
Ion Ratio Lower Upper
168 100
99 66.7 57.2 85.8

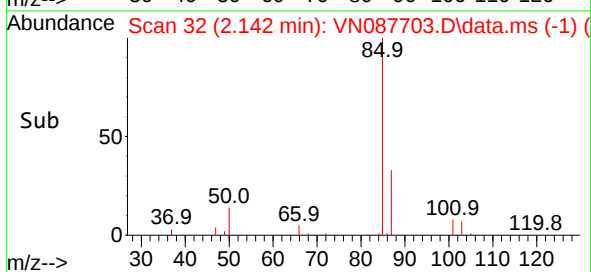
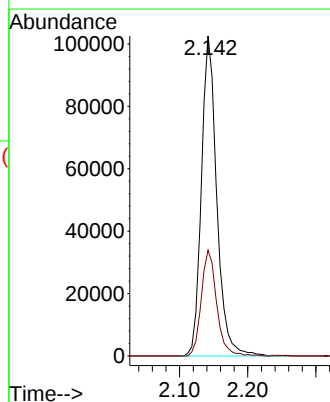
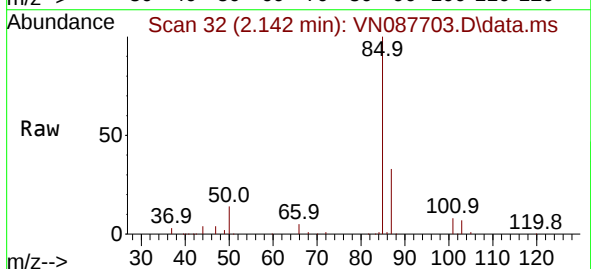
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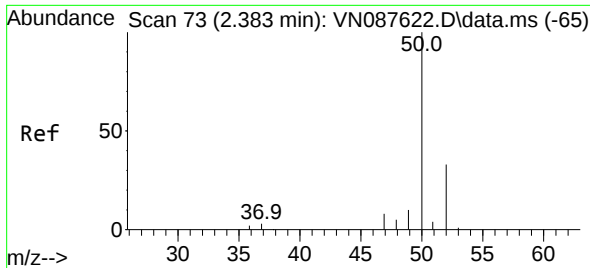
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#2
Dichlorodifluoromethane
Concen: 46.272 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

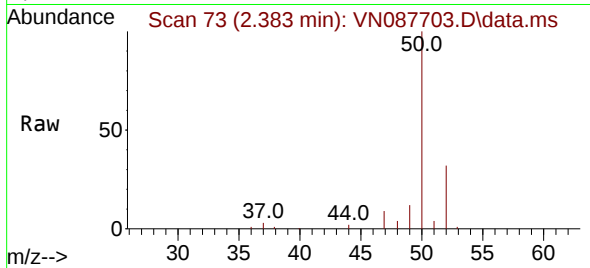
Tgt Ion: 85 Resp: 160365
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.8





#3
Chloromethane
Concen: 44.365 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

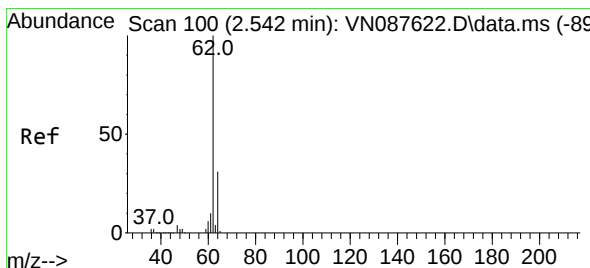
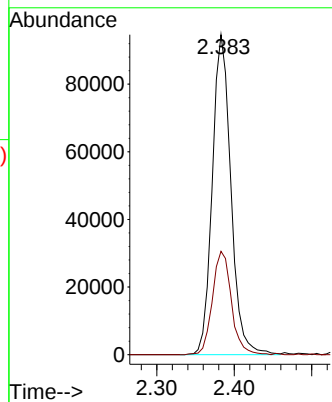
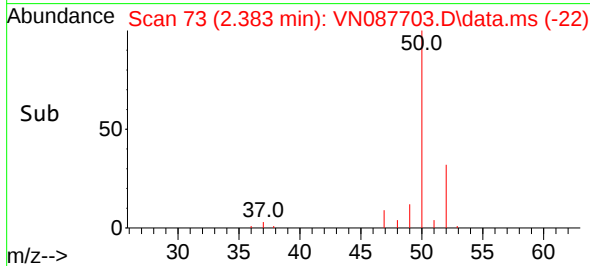
Instrument :
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ClientSampleId :
VSTDCCC050



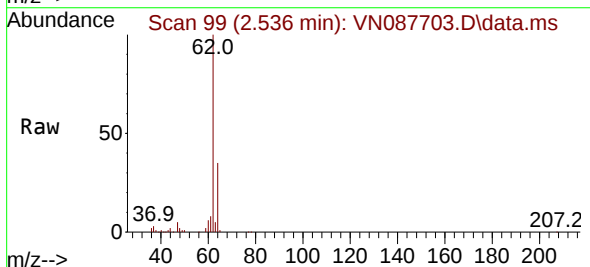
Tgt Ion: 50 Resp: 15801
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.4

Manual Integrations
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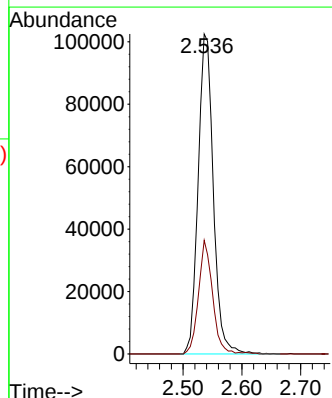
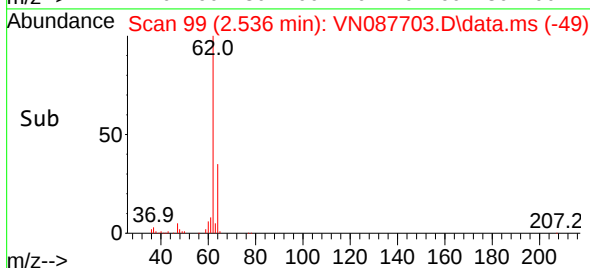
Reviewed By :John Carlone 09/03/2025
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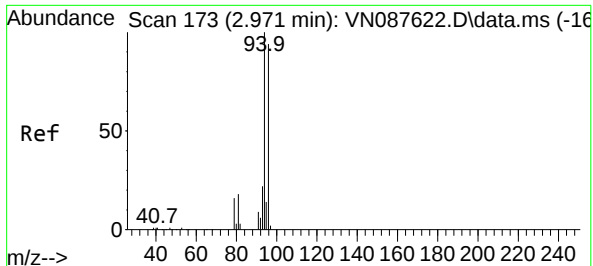


#4
Vinyl Chloride
Concen: 44.481 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



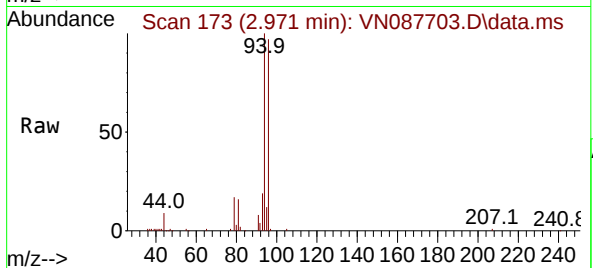
Tgt Ion: 62 Resp: 183687
Ion Ratio Lower Upper
62 100
64 35.5 24.6 37.0





#5
Bromomethane
Concen: 44.304 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

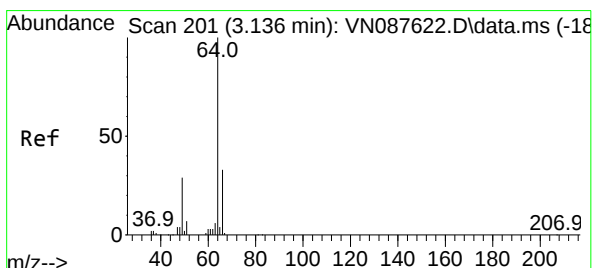
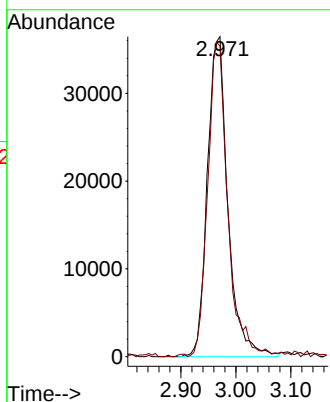
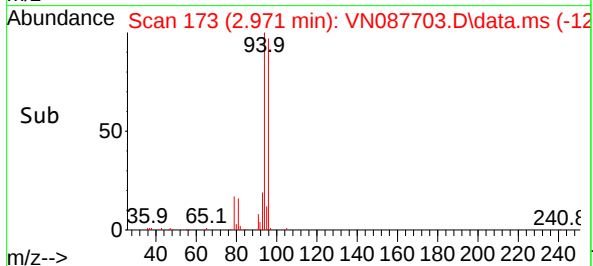
Instrument :
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ClientSampleId :
VSTDCCC050



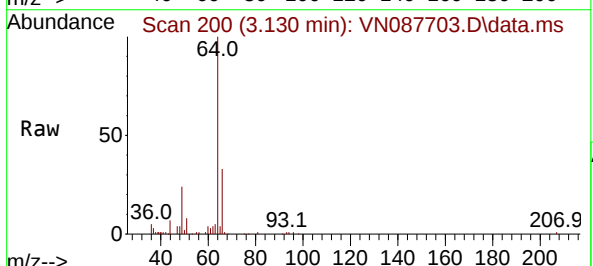
Tgt Ion: 94 Resp: 9440
Ion Ratio Lower Upper
94 100
96 96.5 75.4 113.2

Manual Integrations
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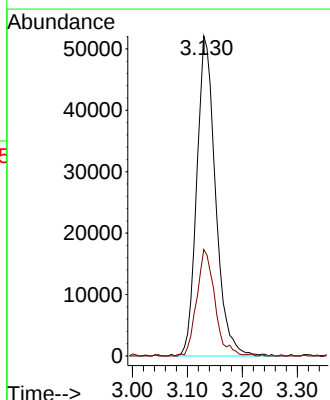
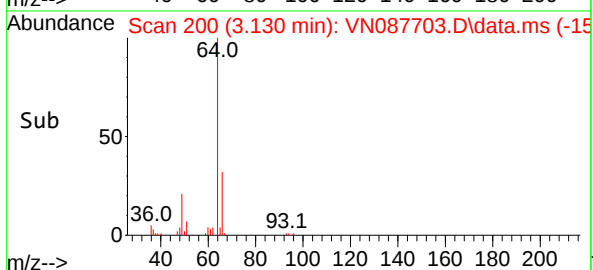
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#6
Chloroethane
Concen: 42.545 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



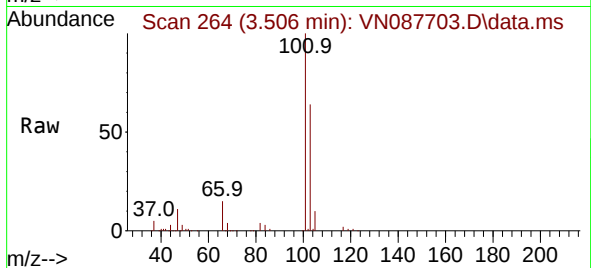
Tgt Ion: 64 Resp: 123484
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 45.435 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04

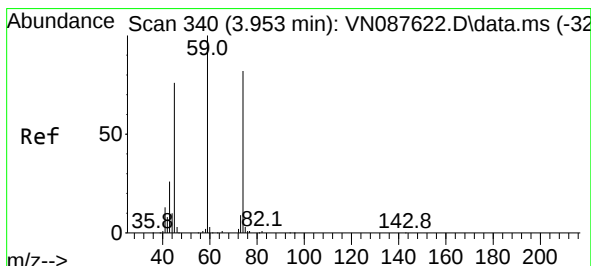
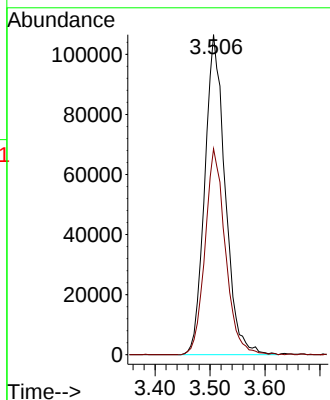
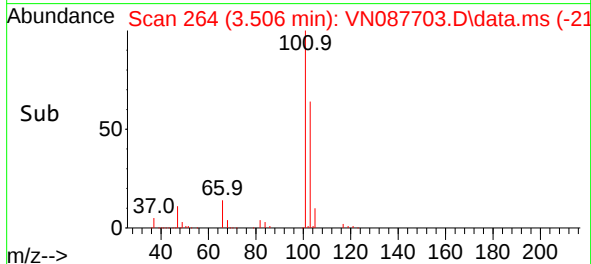
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 274894
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.4 74.0

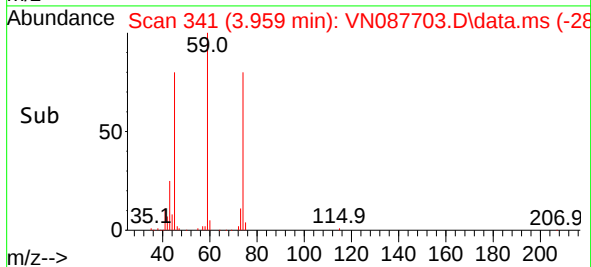
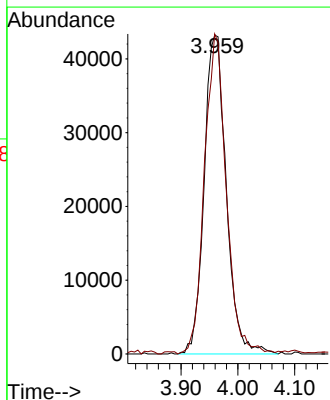
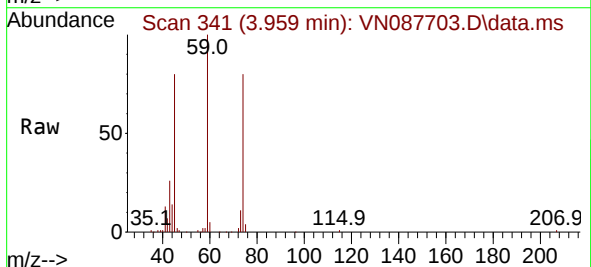
Manual Integrations
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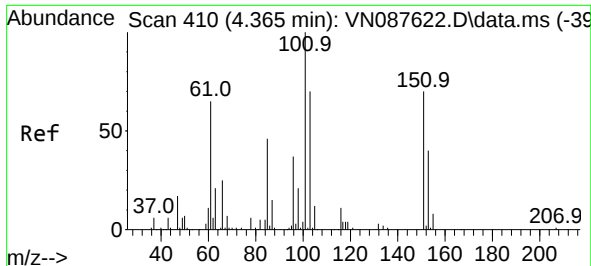
Reviewed By :John Carlone 09/03/2025
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#8
 Diethyl Ether
 Concen: 44.327 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04

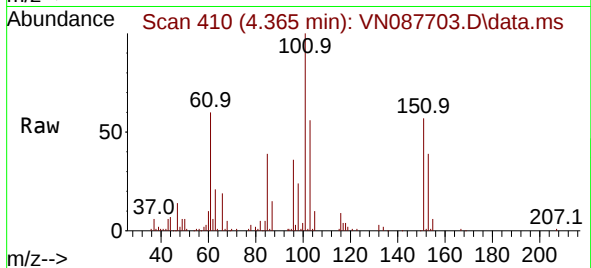
Tgt Ion: 74 Resp: 116800
 Ion Ratio Lower Upper
 74 100
 45 99.0 50.6 151.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.754 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

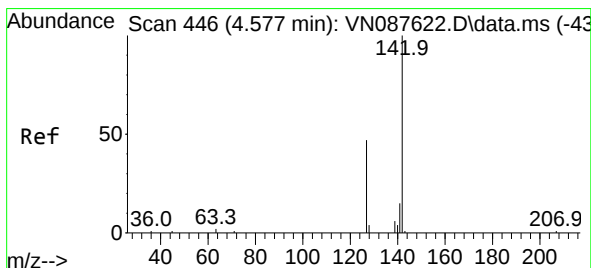
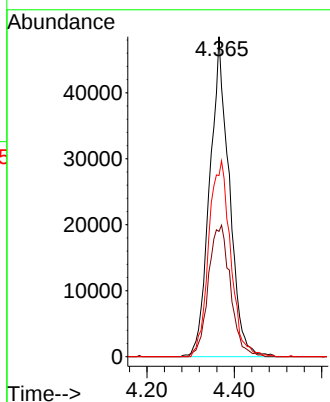
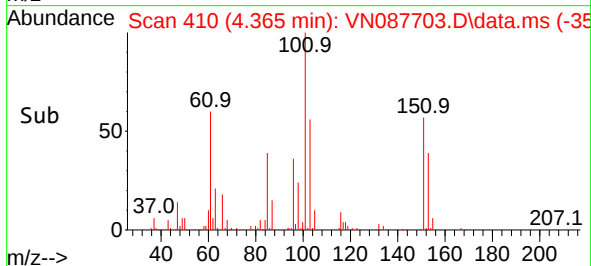
Instrument :
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VSTDCCC050



Tgt Ion:101 Resp: 14979
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 68.6 54.7 82.1

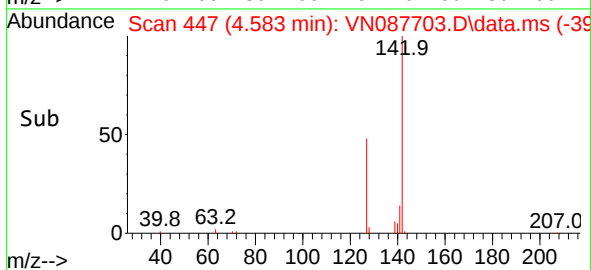
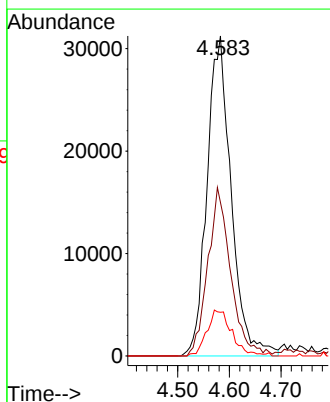
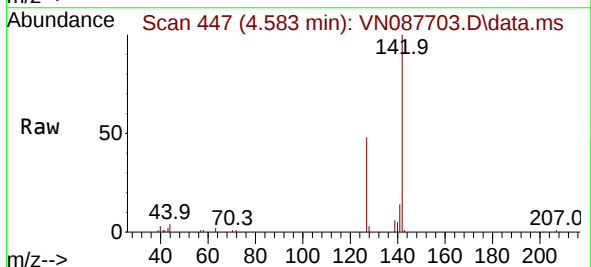
Manual Integrations
APPROVED

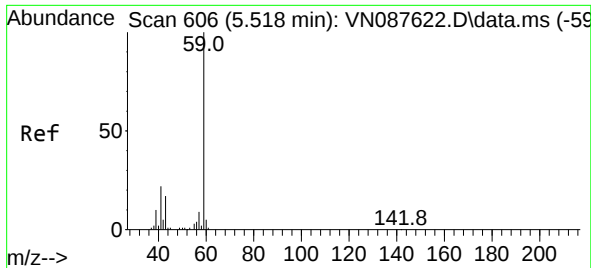
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#10
Methyl Iodide
Concen: 41.033 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

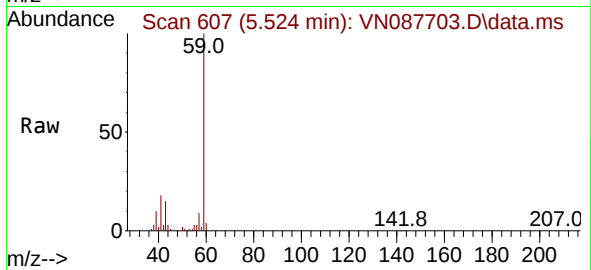
Tgt Ion:142 Resp: 101364
Ion Ratio Lower Upper
142 100
127 48.0 38.0 57.0
141 13.7 12.0 18.0





#11
Tert butyl alcohol
Concen: 228.094 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

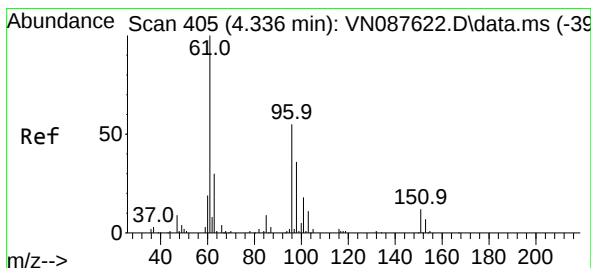
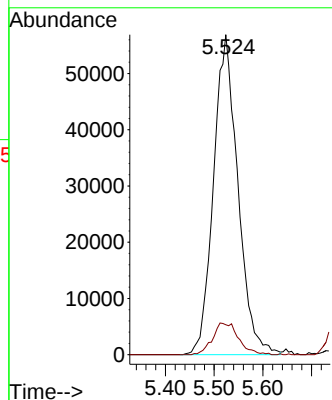
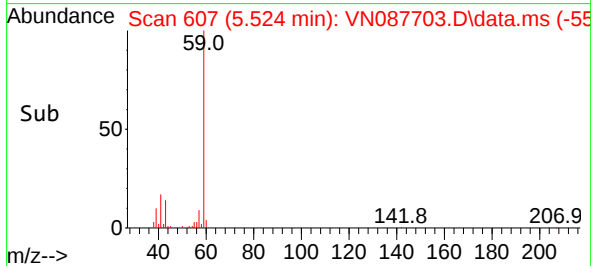
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



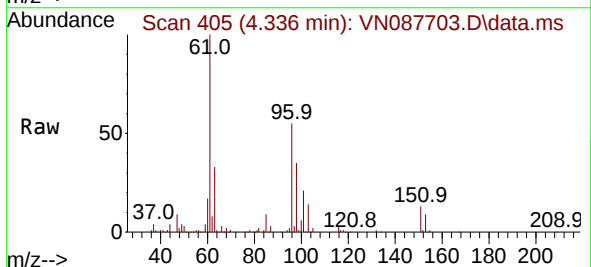
Tgt Ion: 59 Resp: 197974
Ion Ratio Lower Upper
59 100
57 10.6 9.0 13.4

Manual Integrations
APPROVED

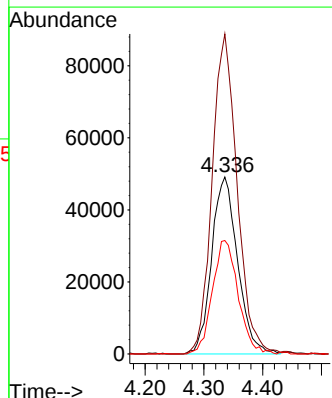
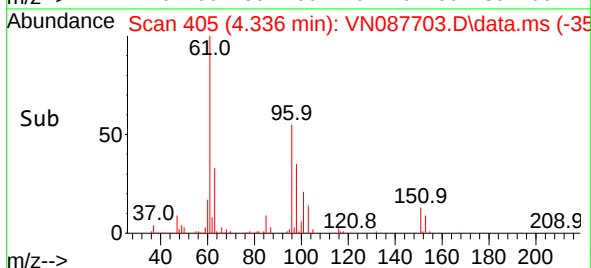
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

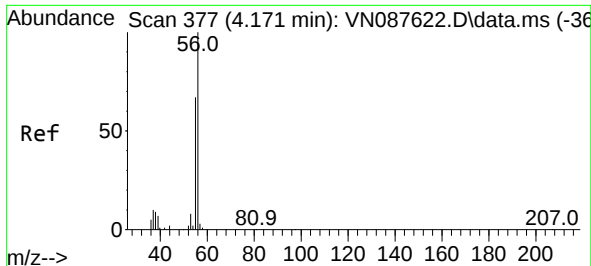


#12
1,1-Dichloroethene
Concen: 42.841 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



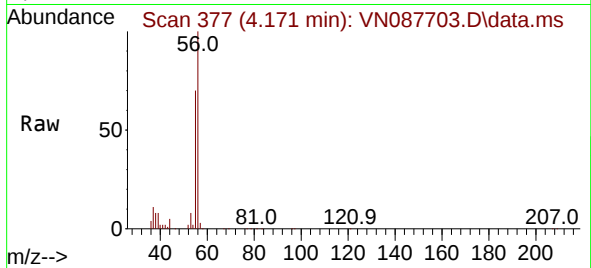
Tgt Ion: 96 Resp: 150720
Ion Ratio Lower Upper
96 100
61 180.8 143.8 215.8
98 64.1 52.1 78.1





#13
Acrolein
Concen: 189.590 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

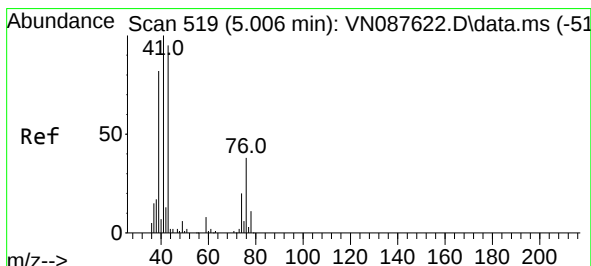
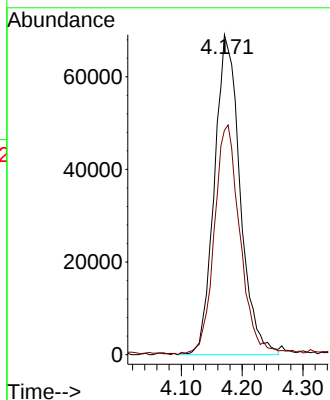
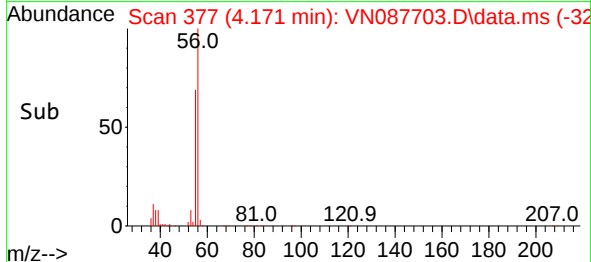
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



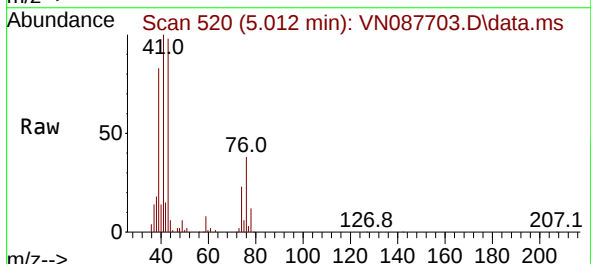
Tgt Ion: 56 Resp: 202298
Ion Ratio Lower Upper
56 100
55 72.9 57.3 85.9

Manual Integrations
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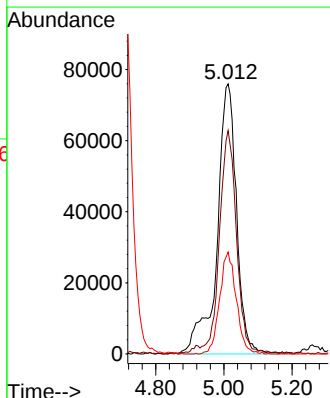
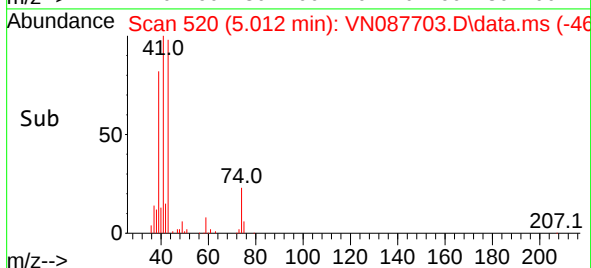
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#14
Allyl chloride
Concen: 47.432 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



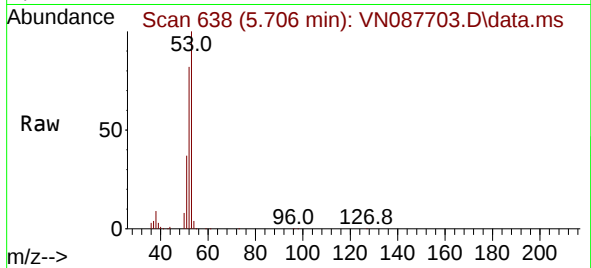
Tgt Ion: 41 Resp: 302397
Ion Ratio Lower Upper
41 100
39 71.2 63.9 95.9
76 32.0 28.1 42.1





#15
Acrylonitrile
Concen: 219.095 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

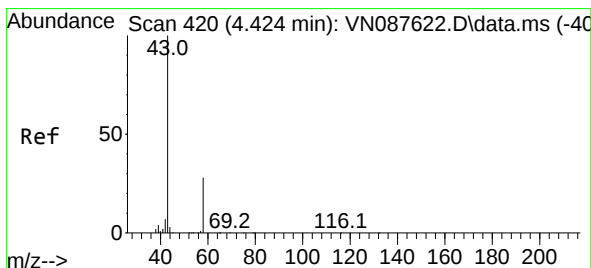
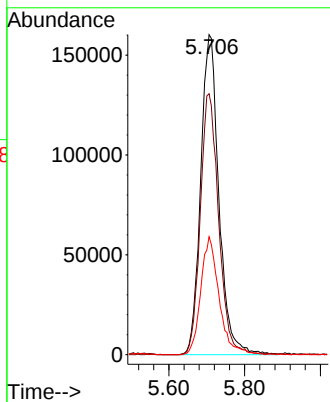
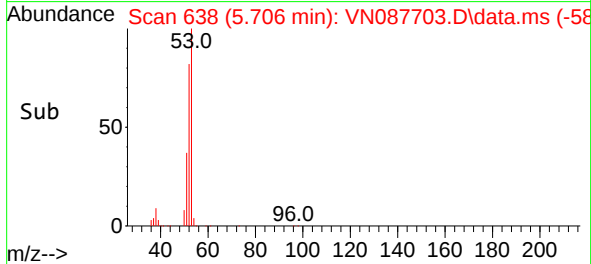
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 53630
Ion Ratio Lower Upper
53 100
52 82.3 67.6 101.4
51 36.9 30.1 45.1

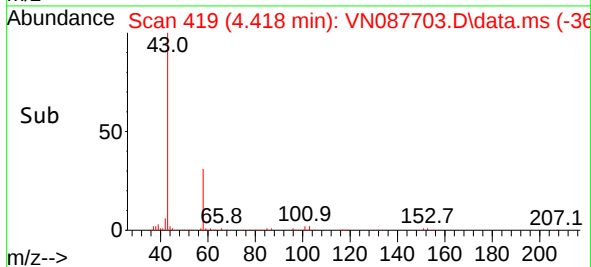
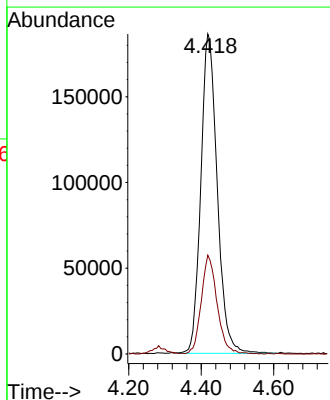
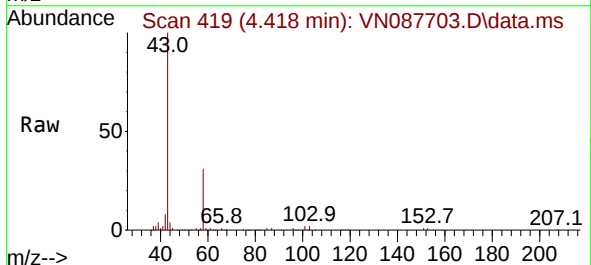
Manual Integrations
APPROVED

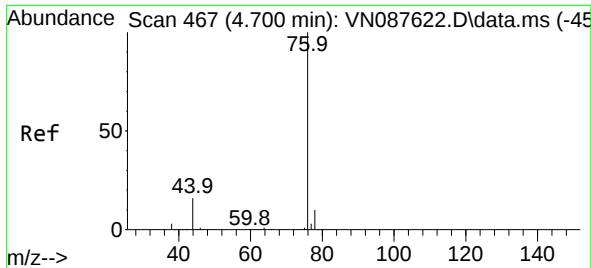
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#16
Acetone
Concen: 214.551 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

Tgt Ion: 43 Resp: 583928
Ion Ratio Lower Upper
43 100
58 30.8 22.6 33.8





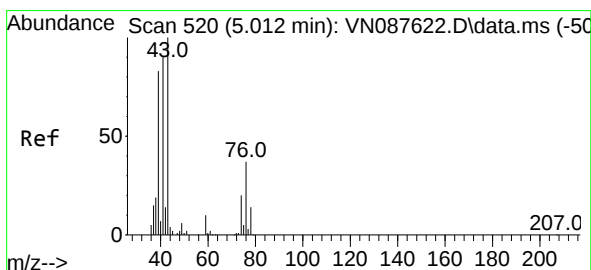
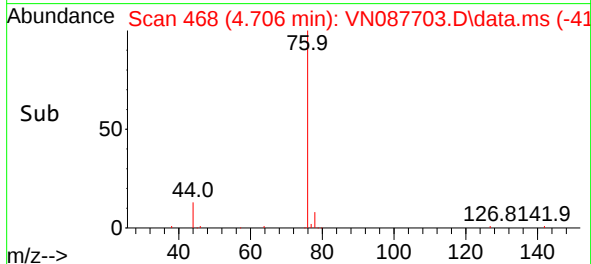
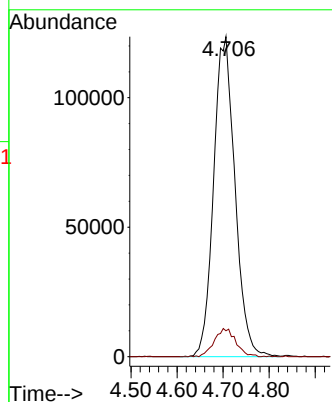
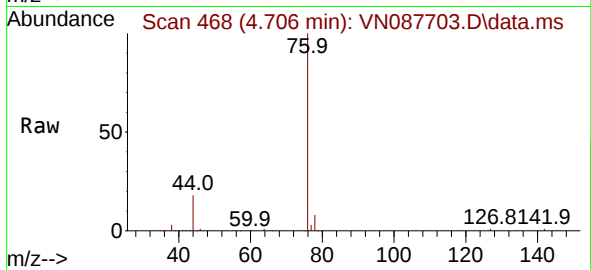
#17
Carbon Disulfide
Concen: 41.001 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 397100
Ion Ratio Lower Upper
76 100
78 8.1 7.6 11.4

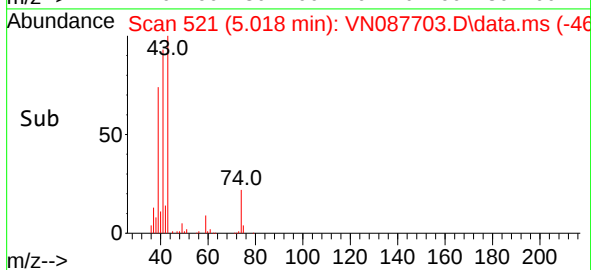
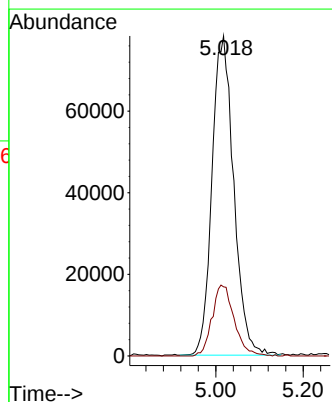
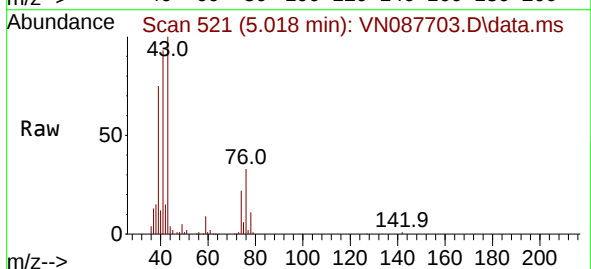
Manual Integrations
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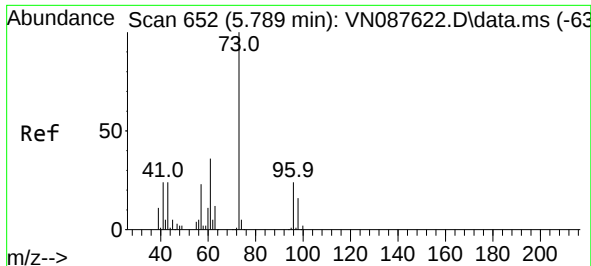
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#18
Methyl Acetate
Concen: 47.210 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

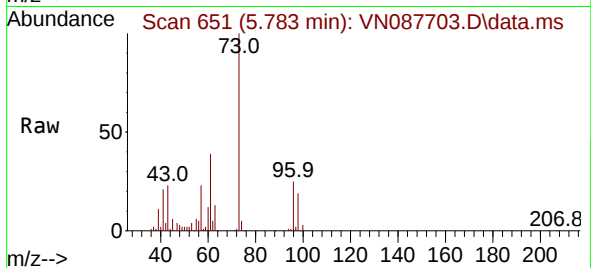
Tgt Ion: 43 Resp: 269026
Ion Ratio Lower Upper
43 100
74 22.6 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 45.447 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

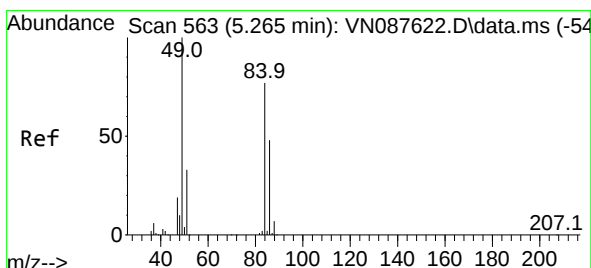
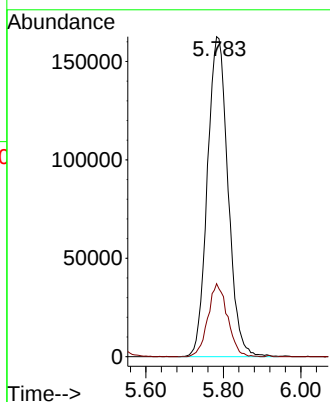
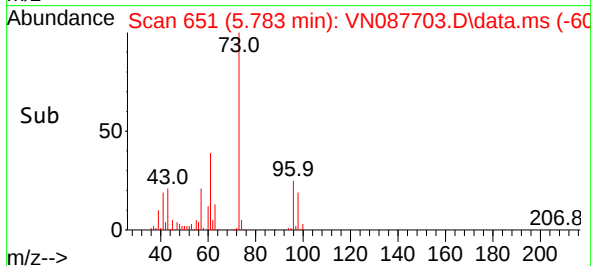
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 59979
Ion Ratio Lower Upper
73 100
57 22.8 18.4 27.6

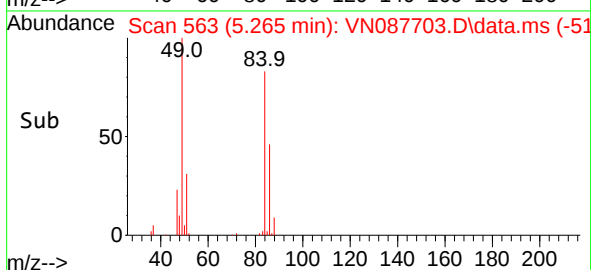
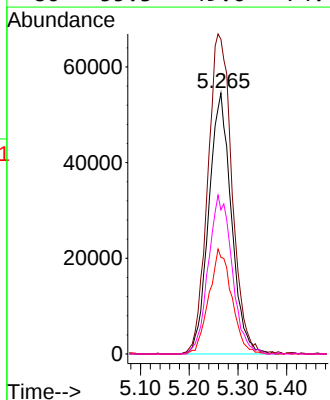
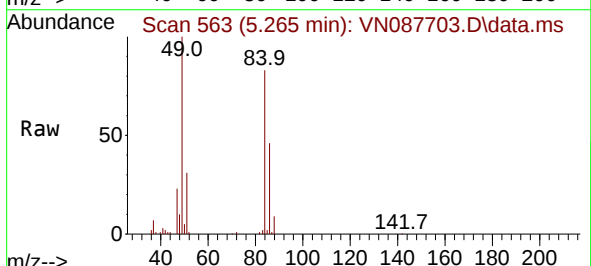
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#20
Methylene Chloride
Concen: 44.512 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

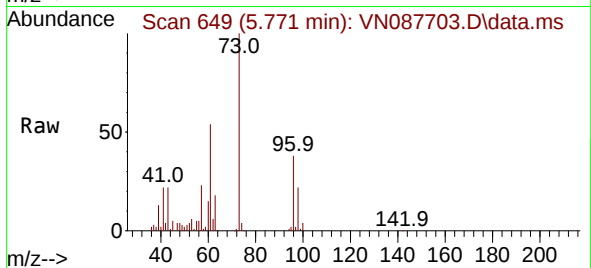
Tgt Ion: 84 Resp: 175761
Ion Ratio Lower Upper
84 100
49 120.7 103.4 155.2
51 37.0 33.8 50.8
86 55.3 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 41.007 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

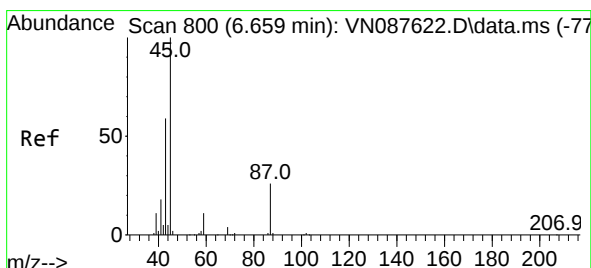
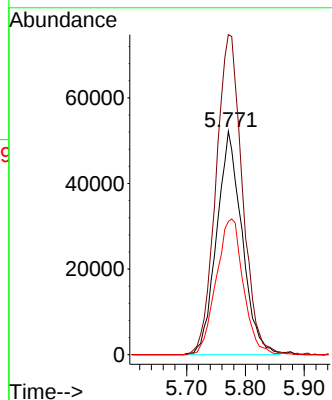
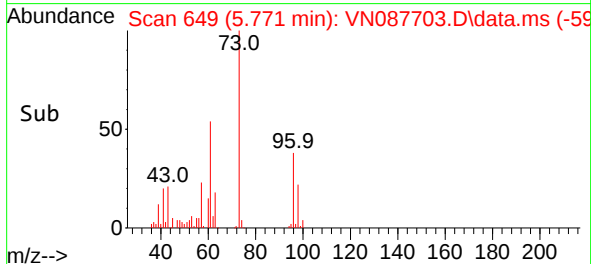
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 15635
Ion Ratio Lower Upper
96 100
61 143.3 118.0 177.0
98 59.7 50.0 75.0

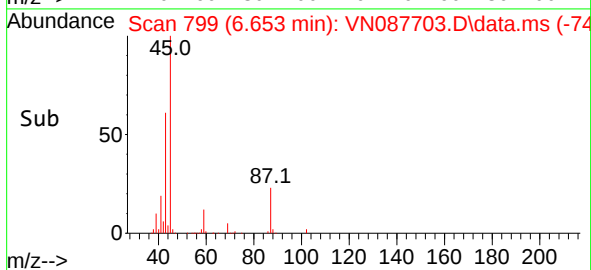
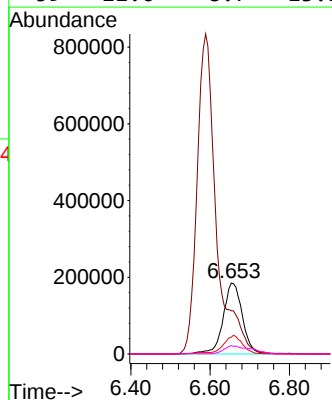
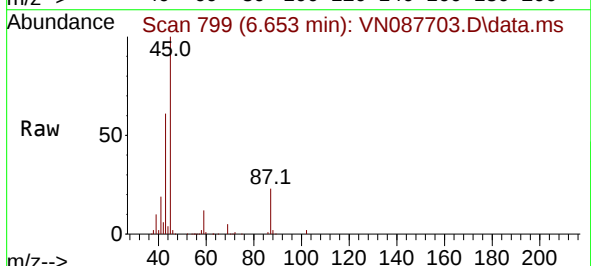
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#22
Diisopropyl ether
Concen: 45.126 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

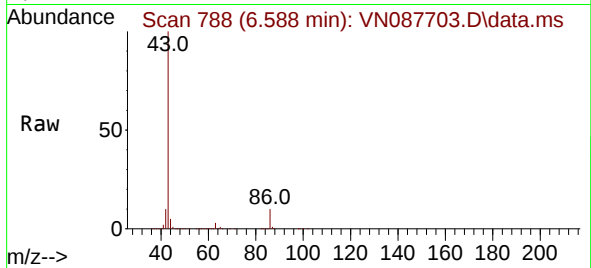
Tgt Ion: 45 Resp: 620848
Ion Ratio Lower Upper
45 100
43 60.1 47.7 71.5
87 23.5 21.4 32.0
59 11.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 223.852 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04

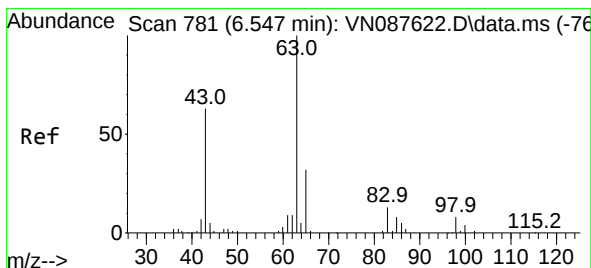
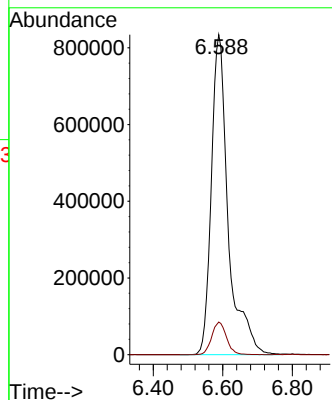
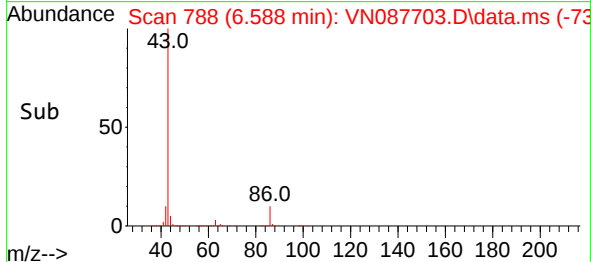
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



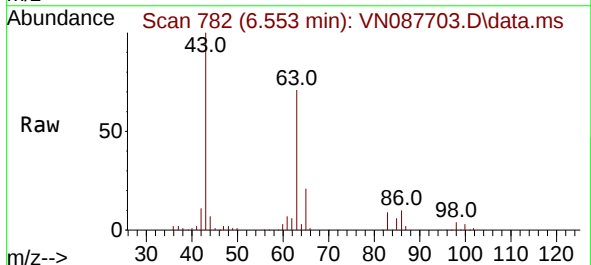
Tgt Ion: 43 Resp: 280191
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4

Manual Integrations
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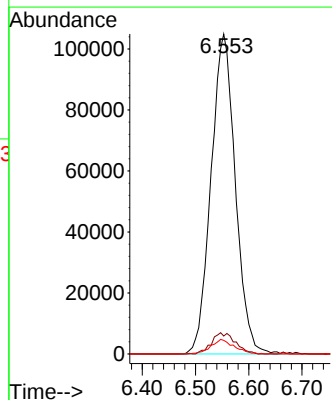
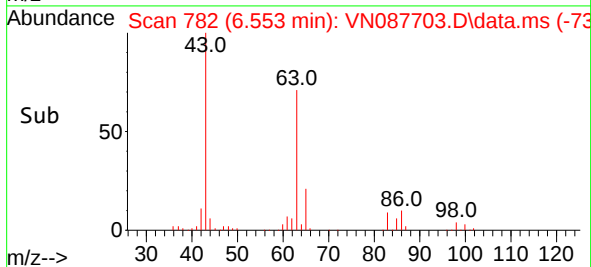
Reviewed By :John Carlone 09/03/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#24
 1,1-Dichloroethane
 Concen: 44.046 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04



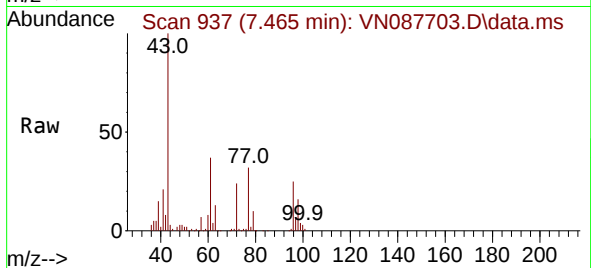
Tgt Ion: 63 Resp: 332257
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.8 11.4
 100 4.2 2.0 6.0





#25
2-Butanone
Concen: 217.364 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

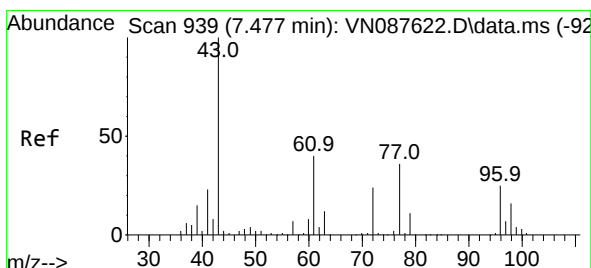
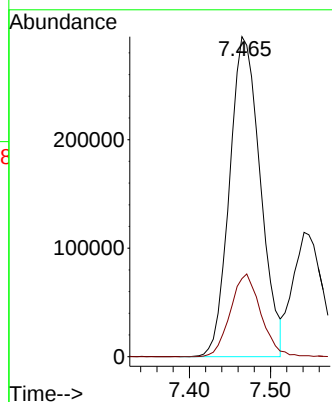
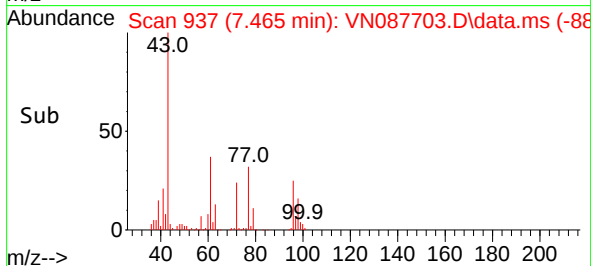
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 77830
Ion Ratio Lower Upper
43 100
72 24.4 19.9 29.9

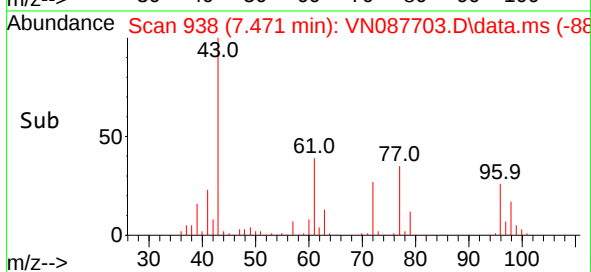
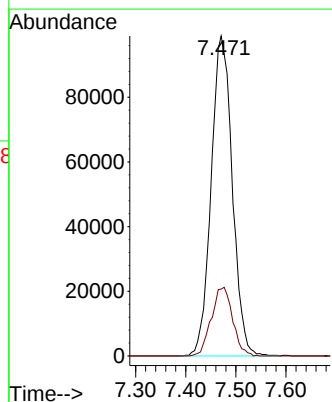
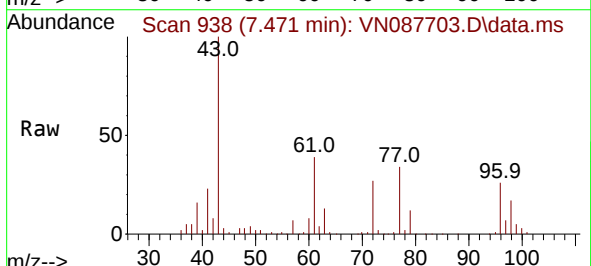
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#26
2,2-Dichloropropane
Concen: 44.780 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

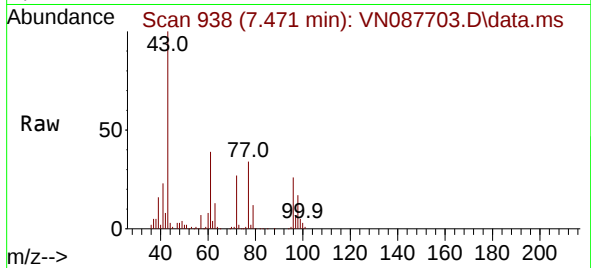
Tgt Ion: 77 Resp: 289916
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 43.973 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04

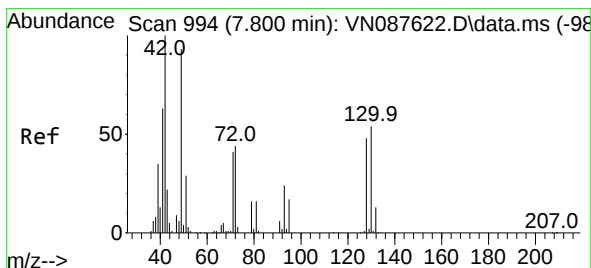
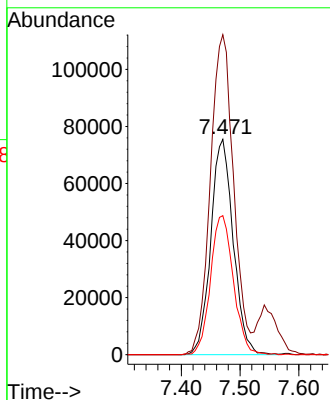
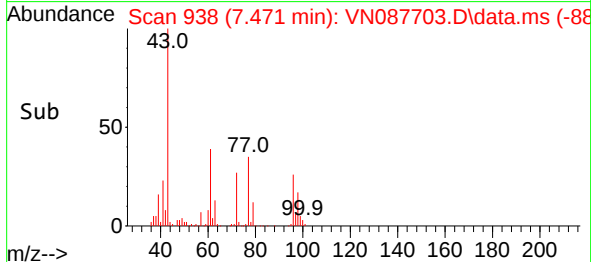
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



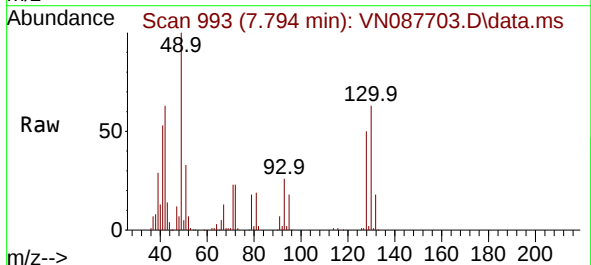
Tgt Ion: 96 Resp: 200440
 Ion Ratio Lower Upper
 96 100
 61 153.3 0.0 301.8
 98 65.8 0.0 126.2

Manual Integrations
 APPROVED

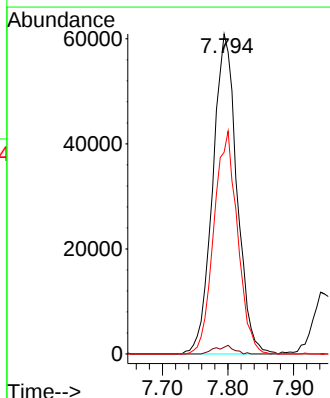
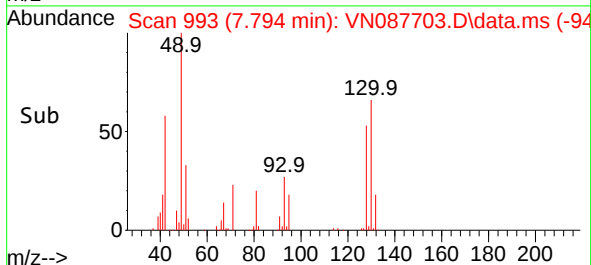
Reviewed By :John Carlone 09/03/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#28
 Bromochloromethane
 Concen: 42.779 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04



Tgt Ion: 49 Resp: 156005
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.0
 130 68.0 53.1 79.7





#29

Tetrahydrofuran

Concen: 211.470 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087703.D

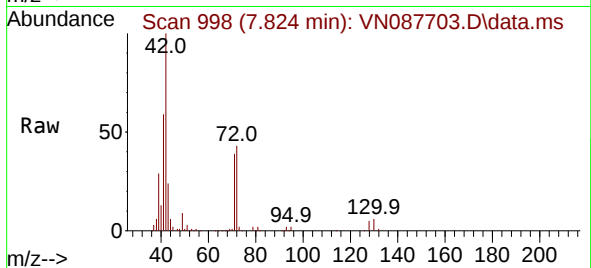
Acq: 02 Sep 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



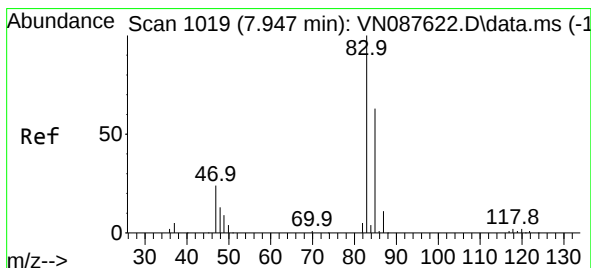
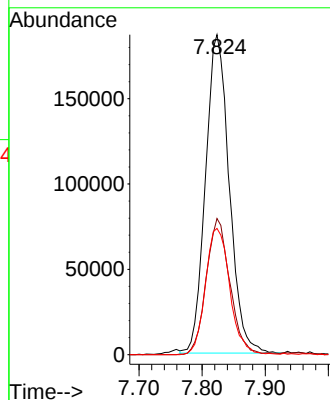
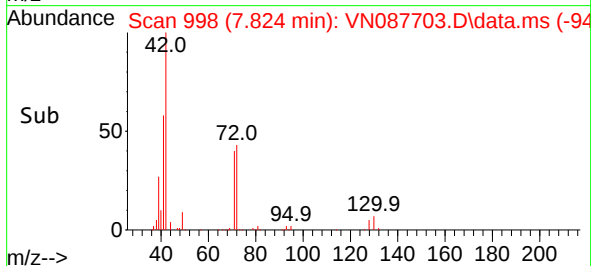
Tgt Ion:	42	Resp:	48730
Ion Ratio	100	Lower	Upper
42	100		
72	42.5	33.7	50.5
71	40.7	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#30

Chloroform

Concen: 44.692 ug/l

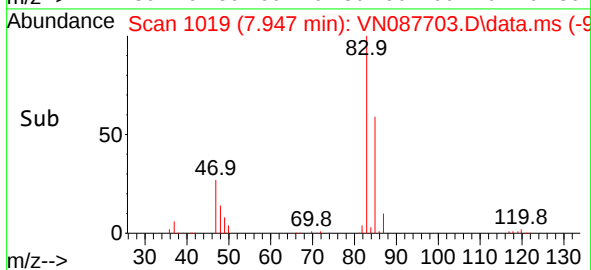
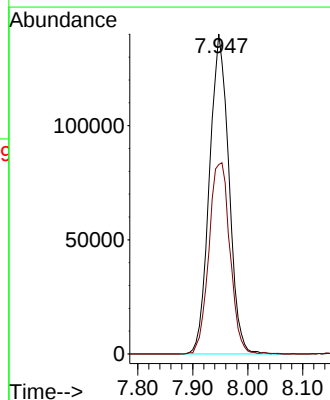
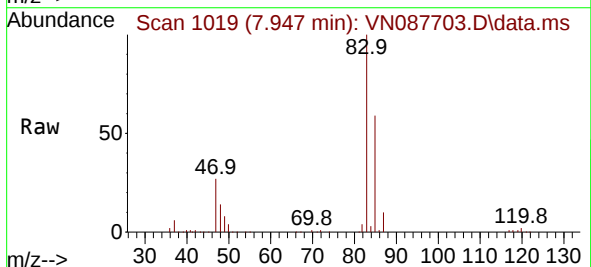
RT: 7.947 min Scan# 1019

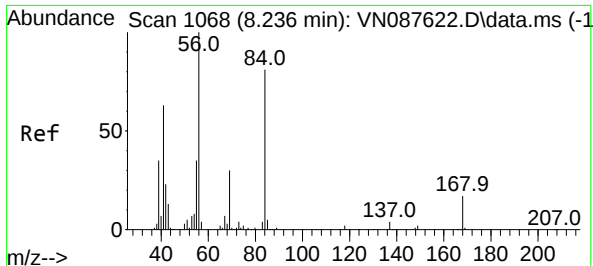
Delta R.T. -0.000 min

Lab File: VN087703.D

Acq: 02 Sep 2025 10:04

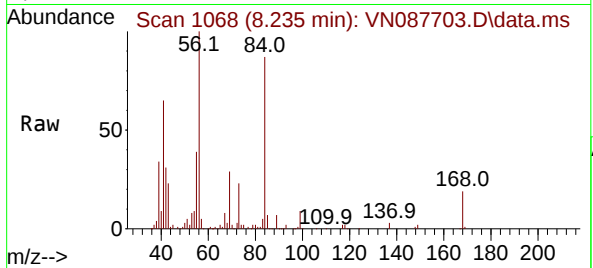
Tgt Ion:	83	Resp:	344103
Ion Ratio	100	Lower	Upper
83	100		
85	59.2	50.7	76.1





#31
Cyclohexane
Concen: 41.411 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

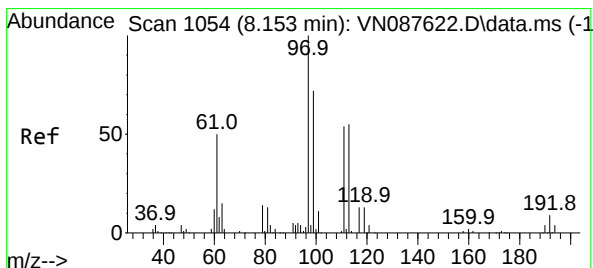
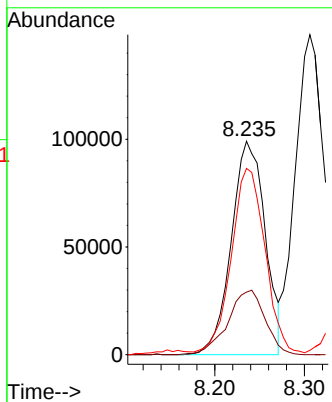
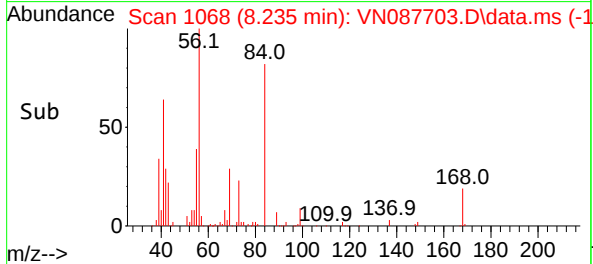
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 260414
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 85.2 64.7 97.1

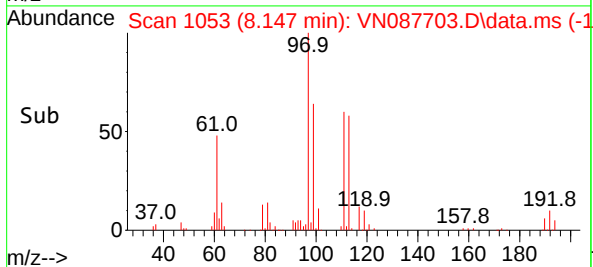
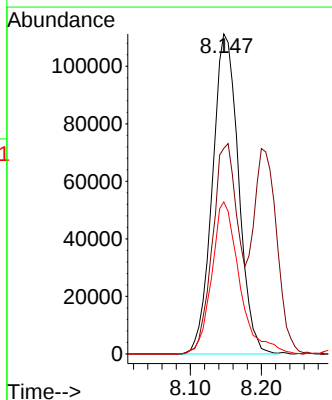
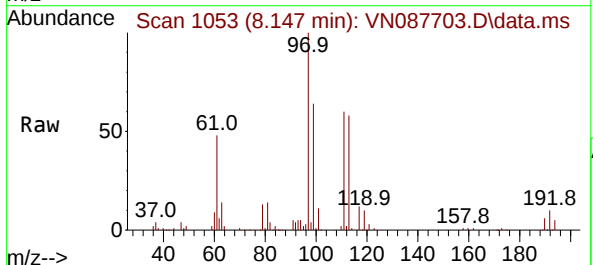
Manual Integrations
APPROVED

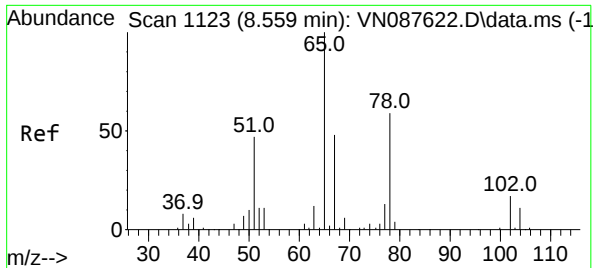
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#32
1,1,1-Trichloroethane
Concen: 43.559 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

Tgt Ion: 97 Resp: 284226
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 50.6 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 44.067 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087703.D

Acq: 02 Sep 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 220317

Ion Ratio Lower Upper

65 100

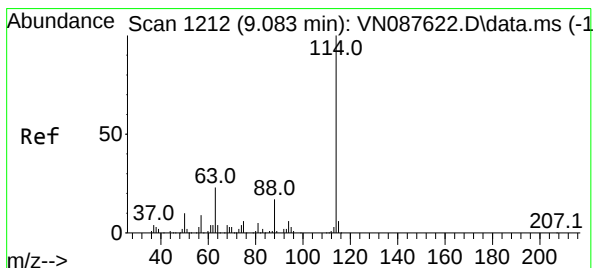
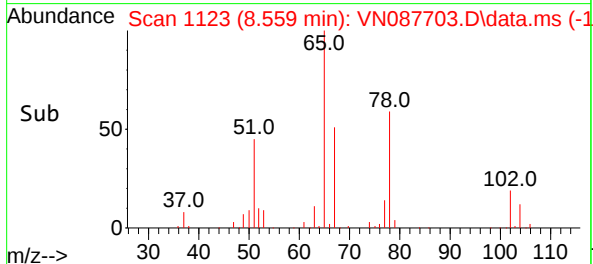
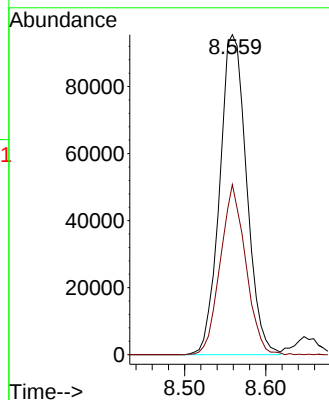
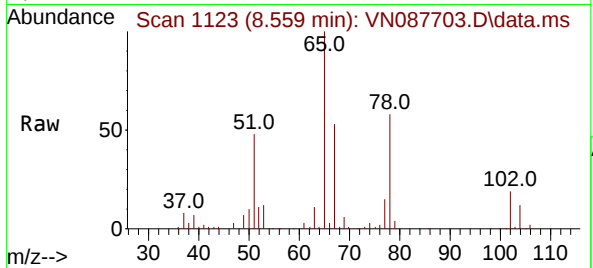
67 50.1 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087703.D

Acq: 02 Sep 2025 10:04

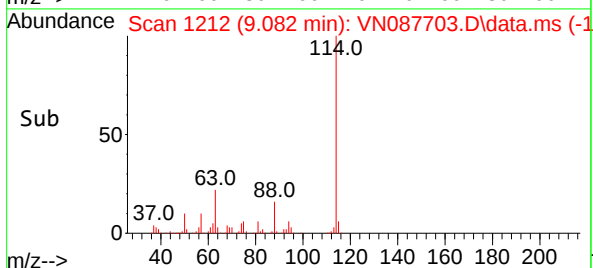
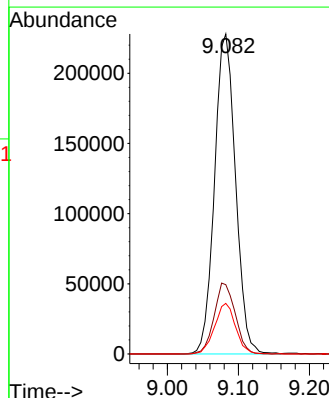
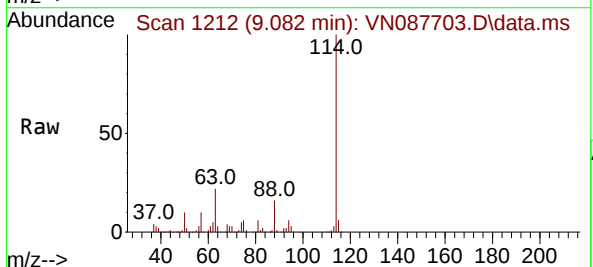
Tgt Ion:114 Resp: 467317

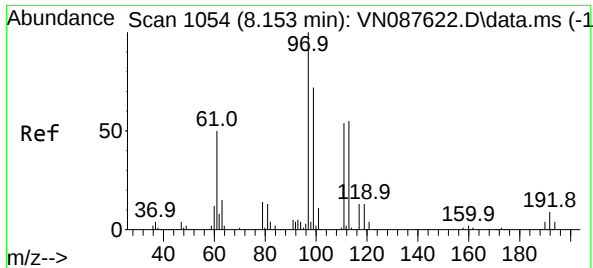
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

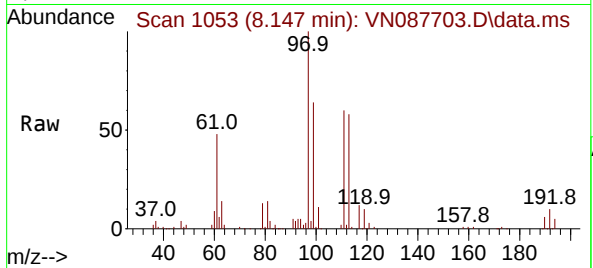
88 15.8 0.0 33.4





#35
Dibromofluoromethane
Concen: 45.301 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

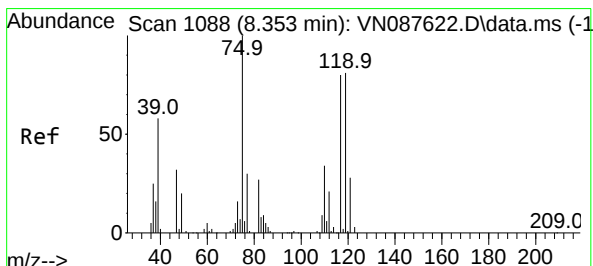
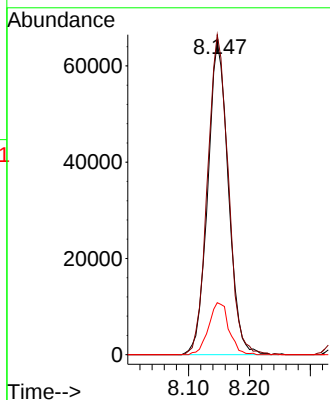
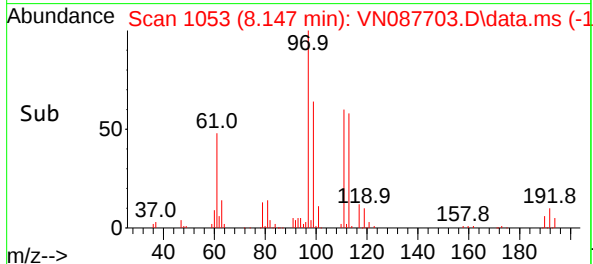
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 152849
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 16.4 12.8 19.2

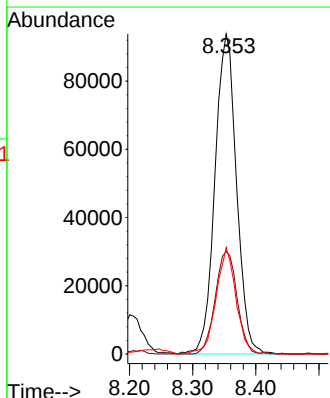
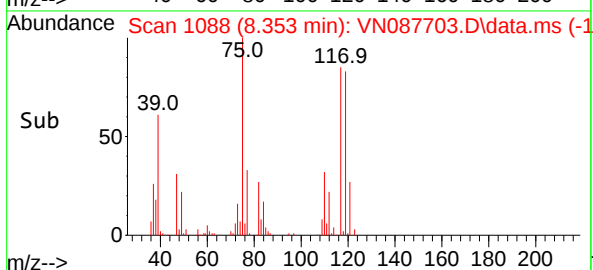
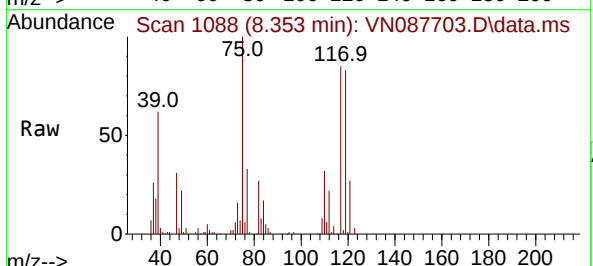
Manual Integrations
APPROVED

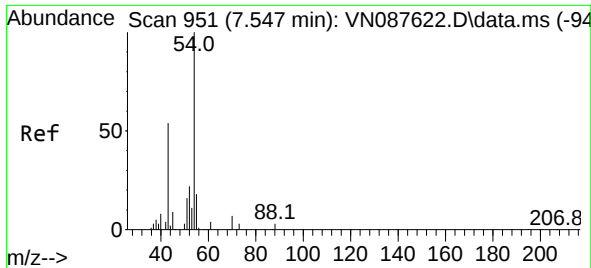
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#36
1,1-Dichloropropene
Concen: 43.007 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

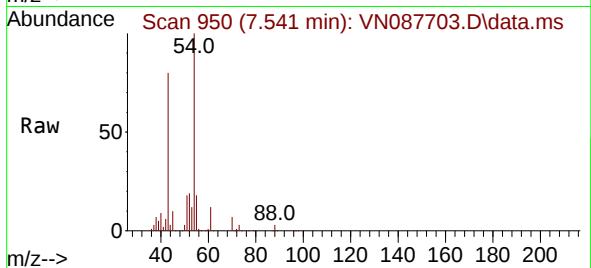
Tgt Ion: 75 Resp: 222613
Ion Ratio Lower Upper
75 100
110 32.4 15.9 47.6
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 42.729 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

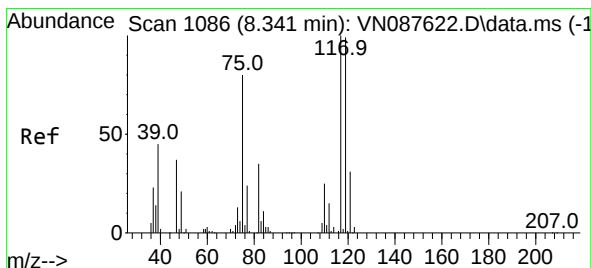
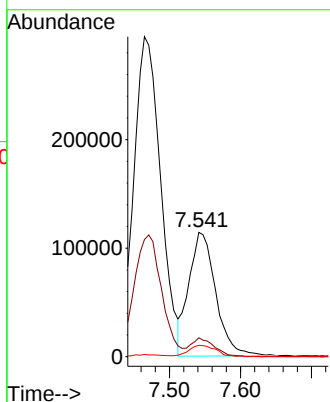
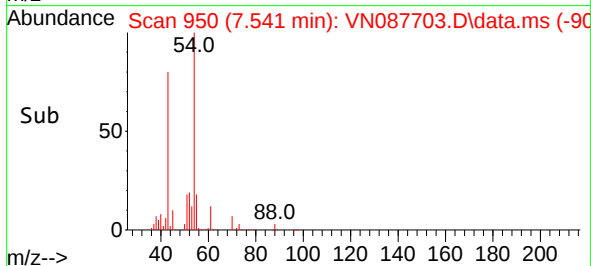
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 302224
Ion Ratio Lower Upper
43 100
61 13.6 9.3 13.9
70 9.4 7.0 10.6

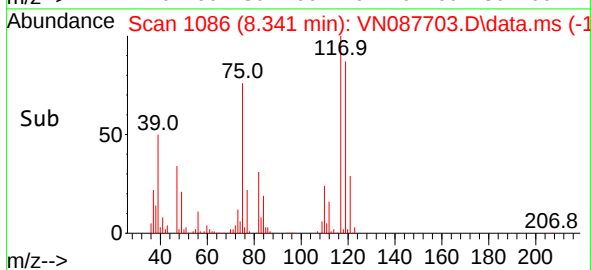
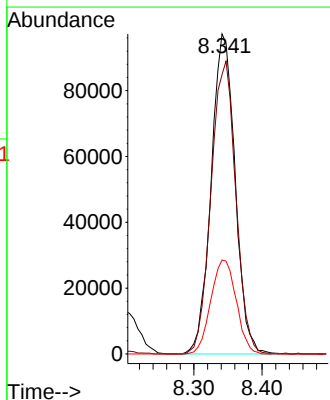
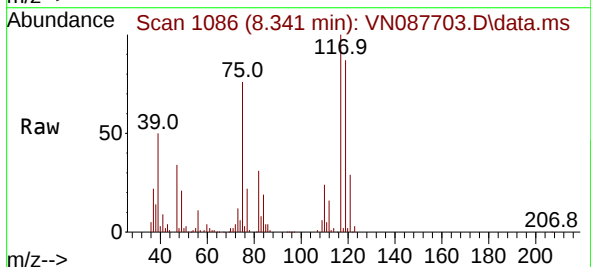
Manual Integrations
APPROVED

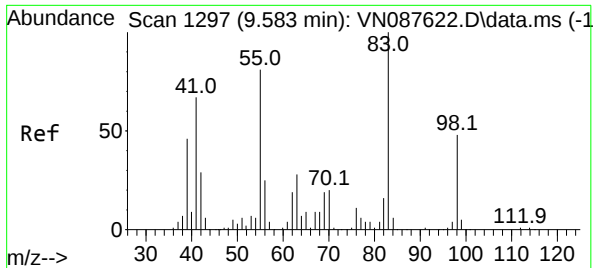
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#38
Carbon Tetrachloride
Concen: 46.426 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

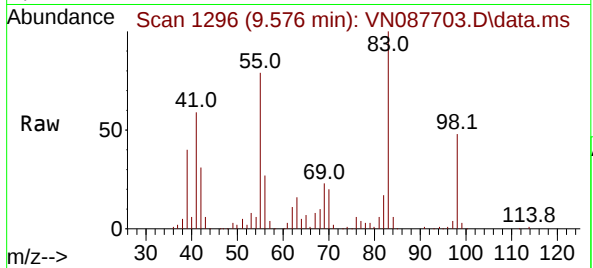
Tgt Ion:117 Resp: 237266
Ion Ratio Lower Upper
117 100
119 87.3 79.0 118.6
121 29.3 25.0 37.6





#39
Methylcyclohexane
Concen: 43.190 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

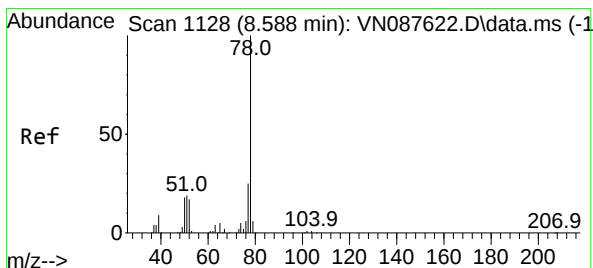
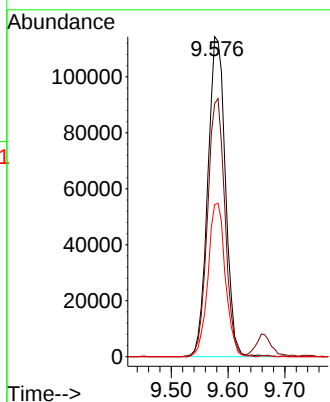
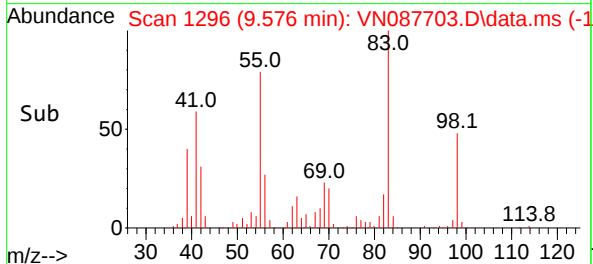
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



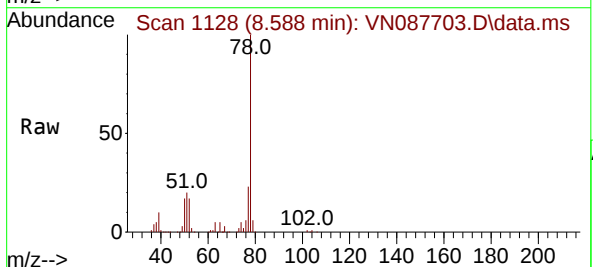
Tgt Ion: 83 Resp: 246125
Ion Ratio Lower Upper
83 100
55 79.1 64.6 96.8
98 47.5 38.4 57.6

Manual Integrations
APPROVED

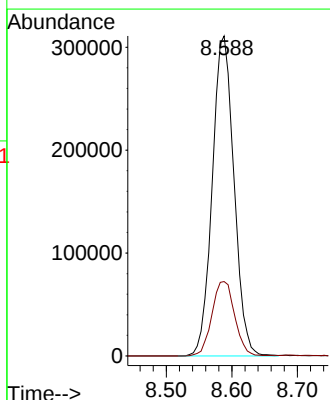
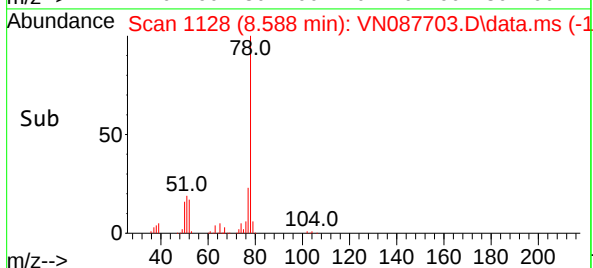
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

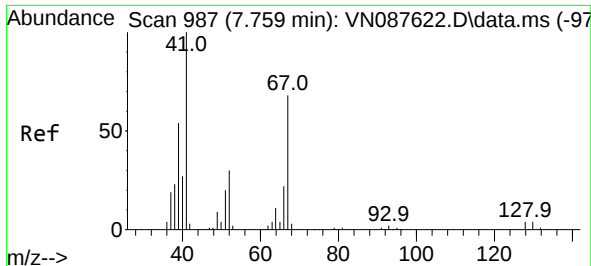


#40
Benzene
Concen: 44.979 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



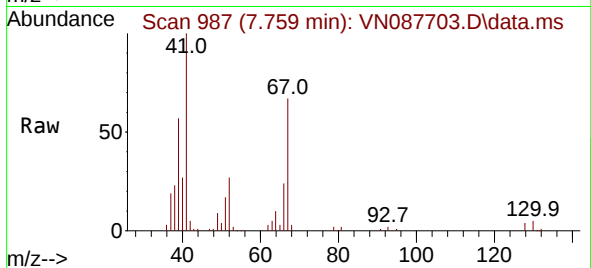
Tgt Ion: 78 Resp: 714089
Ion Ratio Lower Upper
78 100
77 23.3 19.7 29.5





#41
Methacrylonitrile
Concen: 44.500 ug/l
RT: 7.759 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

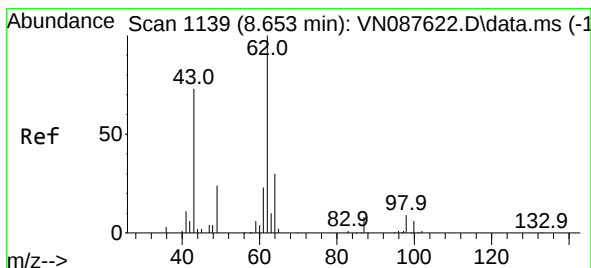
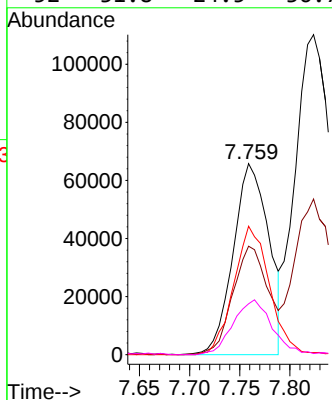
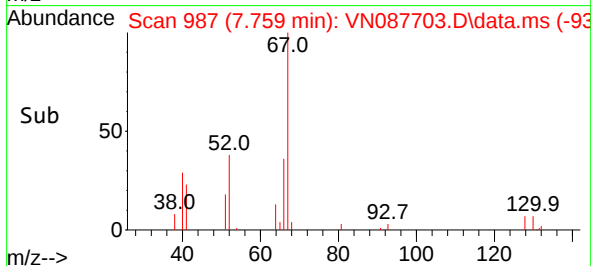
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 16304
Ion Ratio Lower Upper
41 100
39 56.5 45.4 68.0
67 67.8 55.3 82.9
52 31.8 24.5 36.7

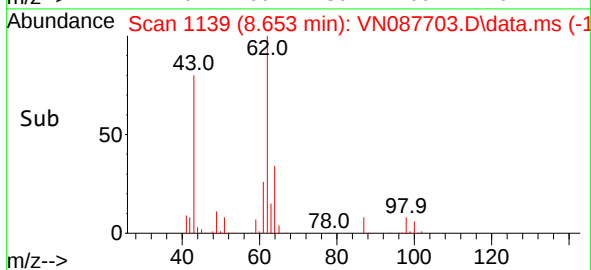
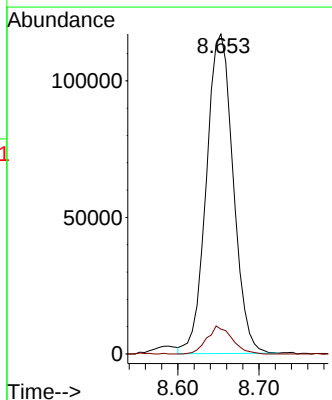
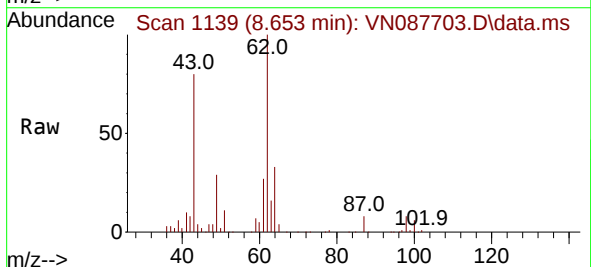
Manual Integrations
APPROVED

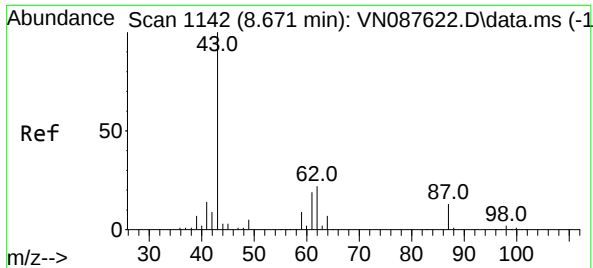
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#42
1,2-Dichloroethane
Concen: 44.105 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

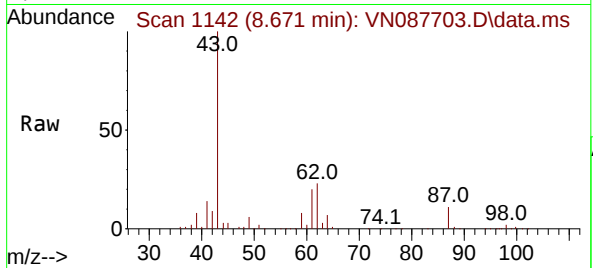
Tgt Ion: 62 Resp: 269079
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.4





#43
Isopropyl Acetate
Concen: 45.559 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

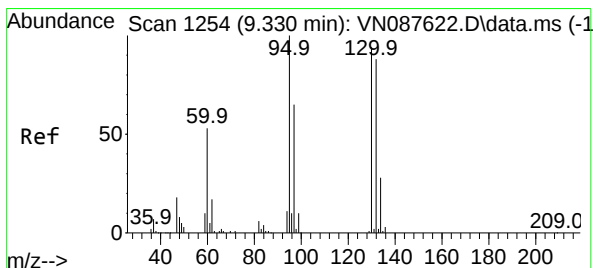
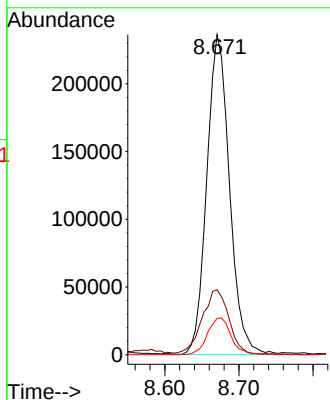
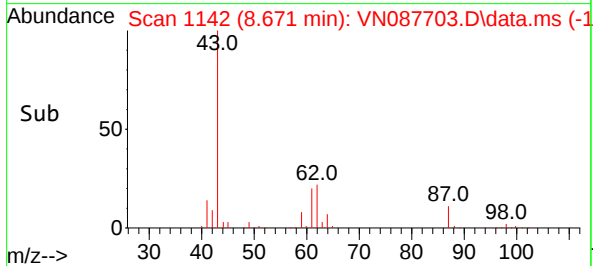
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 503109
Ion Ratio Lower Upper
43 100
61 23.7 18.8 28.2
87 12.0 9.6 14.4

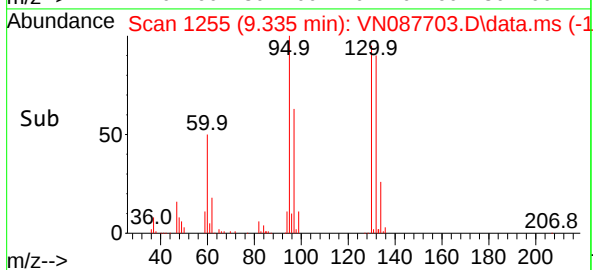
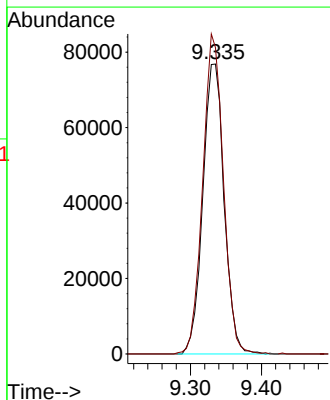
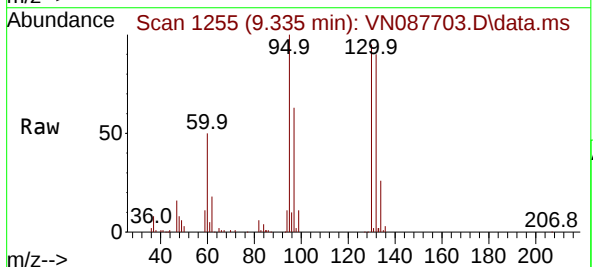
Manual Integrations
APPROVED

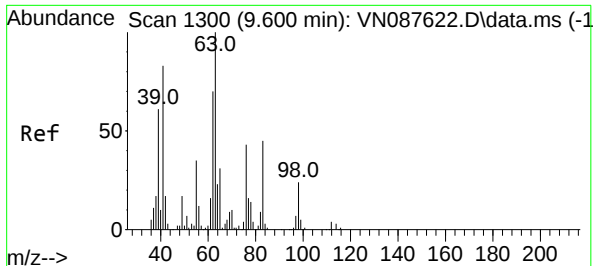
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#44
Trichloroethene
Concen: 44.257 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

Tgt Ion:130 Resp: 160416
Ion Ratio Lower Upper
130 100
95 105.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 43.512 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087703.D

Acq: 02 Sep 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 18208

Ion Ratio Lower Upper

63 100

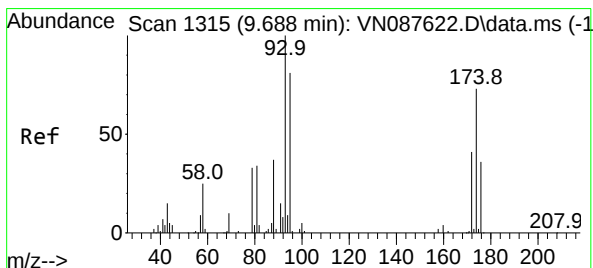
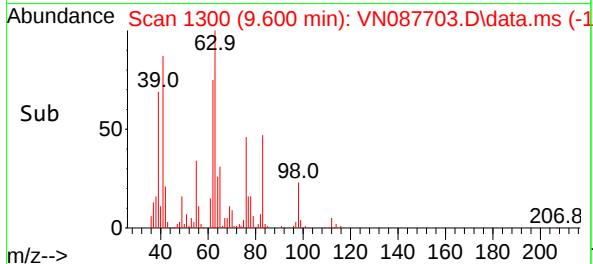
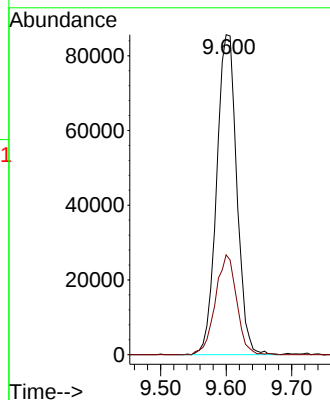
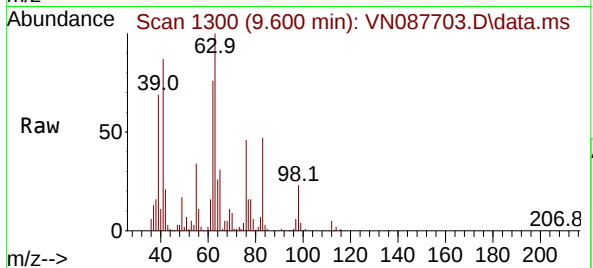
65 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#46

Dibromomethane

Concen: 45.473 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087703.D

Acq: 02 Sep 2025 10:04

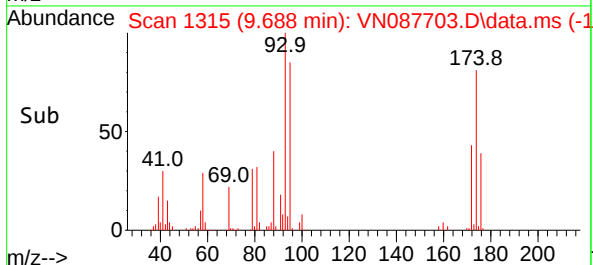
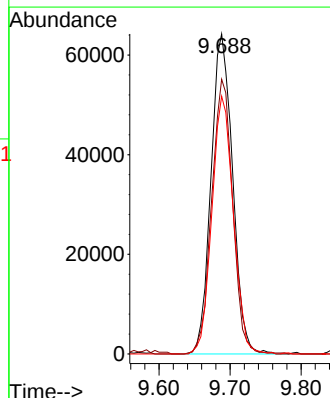
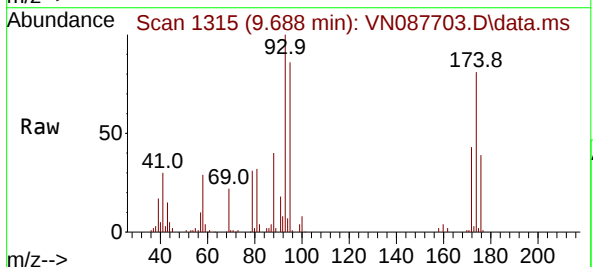
Tgt Ion: 93 Resp: 135416

Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

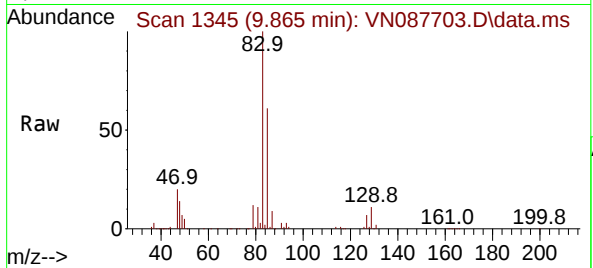
174 80.1 63.4 95.2





#47
Bromodichloromethane
Concen: 47.165 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

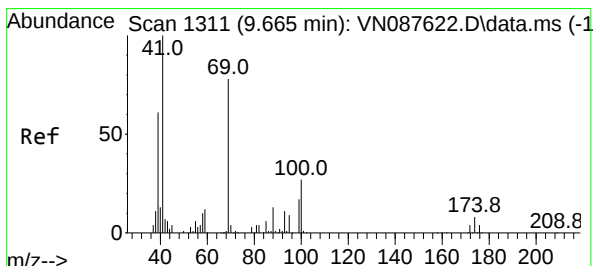
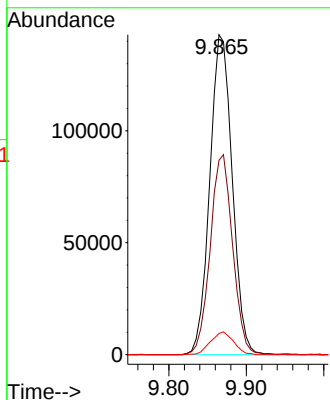
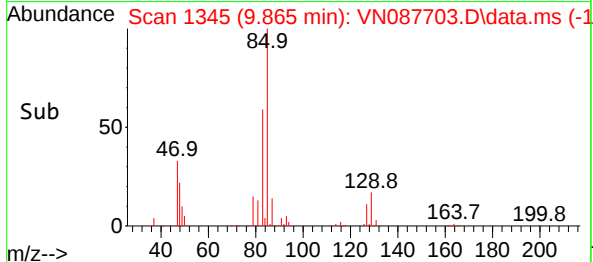
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 287850
Ion Ratio Lower Upper
83 100
85 60.7 52.5 78.7
127 6.6 5.8 8.6

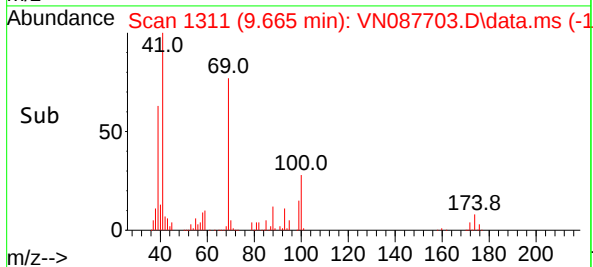
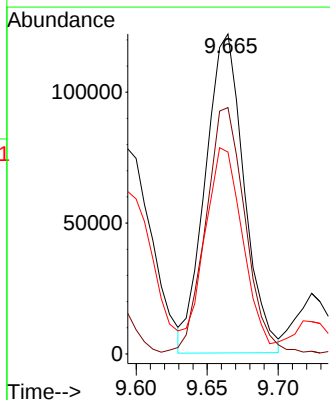
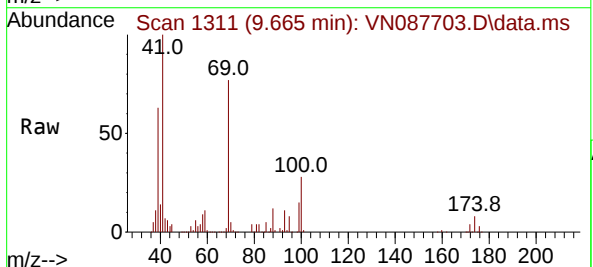
Manual Integrations
APPROVED

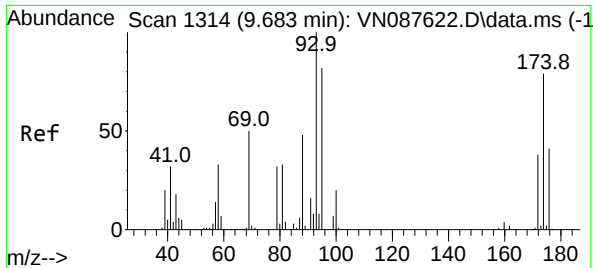
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#48
Methyl methacrylate
Concen: 44.344 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

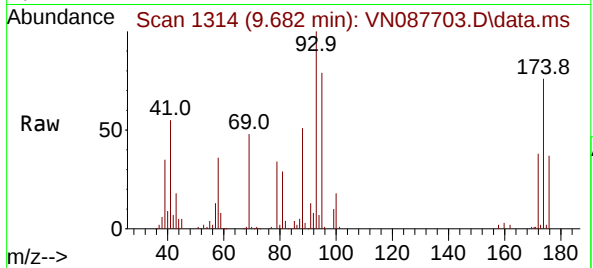
Tgt Ion: 41 Resp: 231628
Ion Ratio Lower Upper
41 100
69 79.6 62.7 94.1
39 64.6 52.9 79.3





#49
1,4-Dioxane
Concen: 1031.248 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

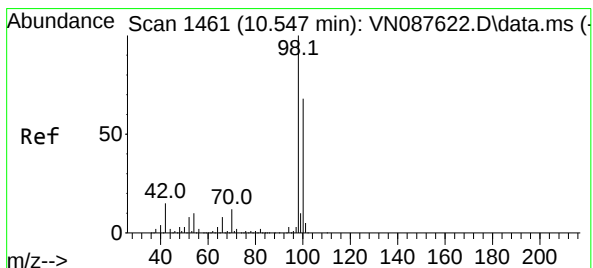
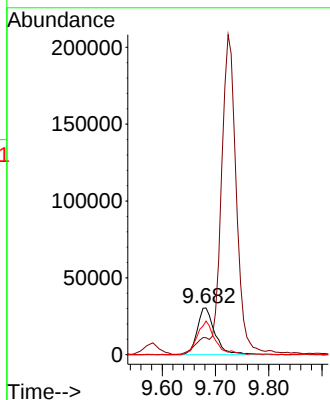
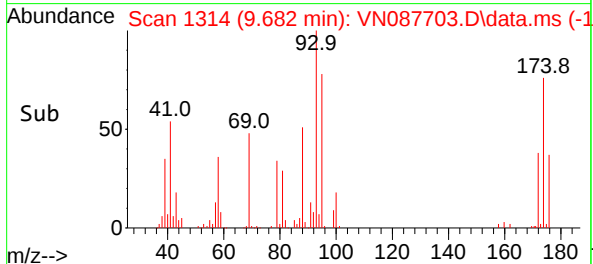
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 69818
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.8 57.9 86.9

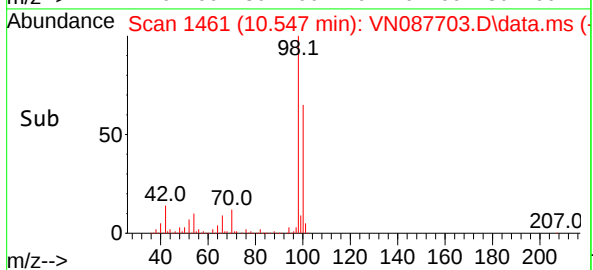
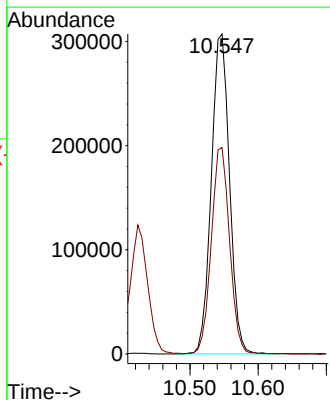
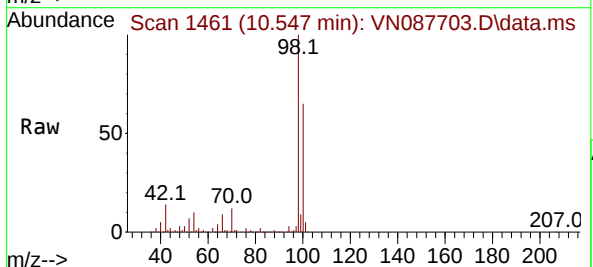
Manual Integrations
APPROVED

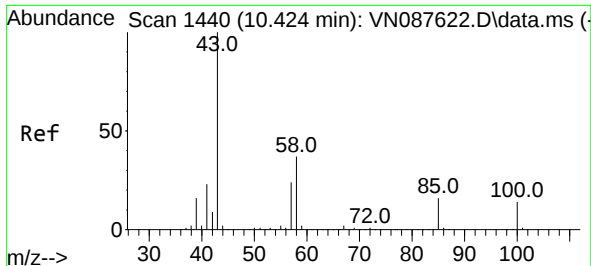
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#50
Toluene-d8
Concen: 45.199 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

Tgt Ion: 98 Resp: 570786
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2





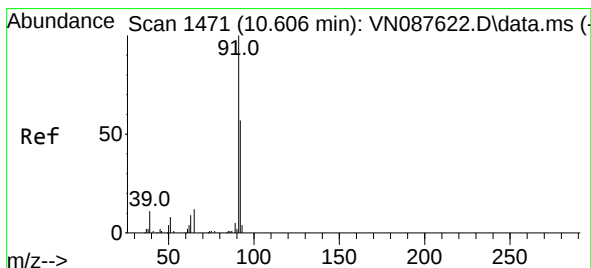
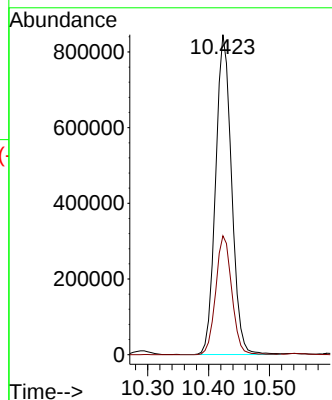
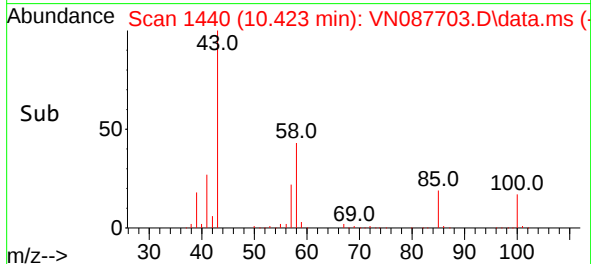
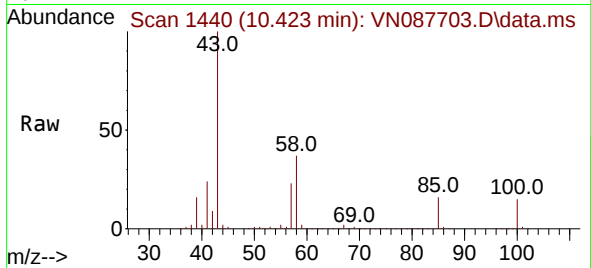
#51
4-Methyl-2-Pentanone
Concen: 231.314 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1541179
Ion Ratio Lower Upper
43 100
58 37.3 29.6 44.4

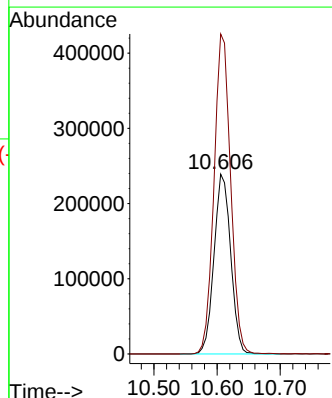
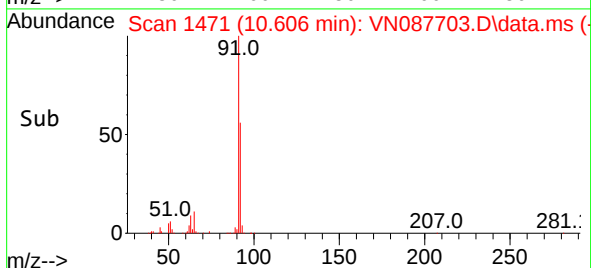
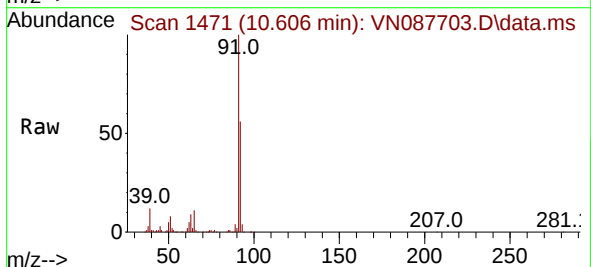
Manual Integrations
APPROVED

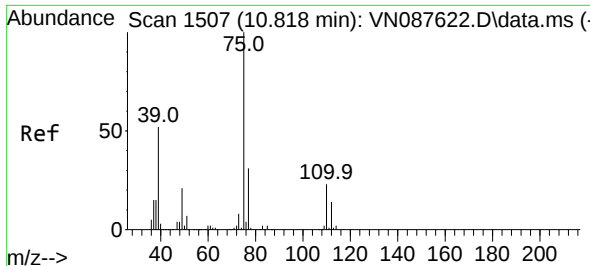
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#52
Toluene
Concen: 44.493 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

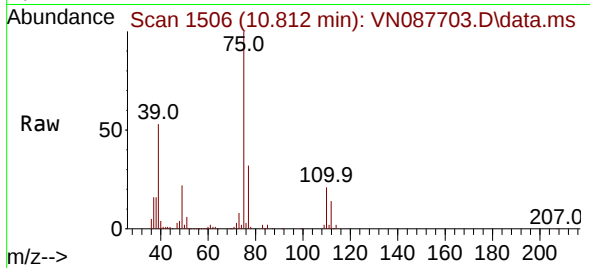
Tgt Ion: 92 Resp: 437909
Ion Ratio Lower Upper
92 100
91 177.2 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 47.734 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

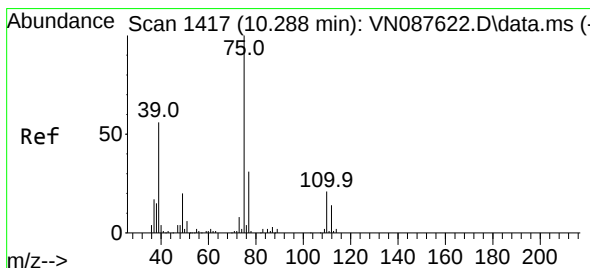
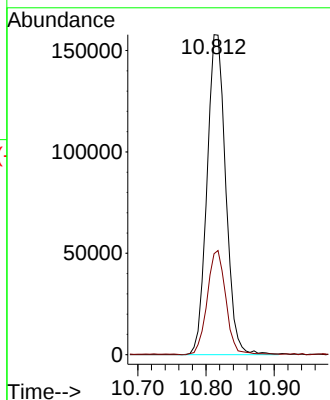
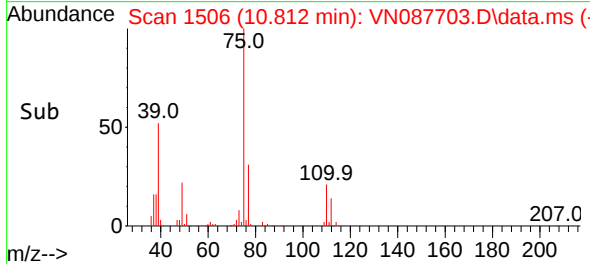
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



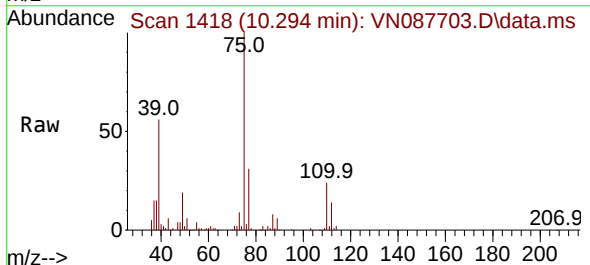
Tgt Ion: 75 Resp: 301552
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

Manual Integrations
APPROVED

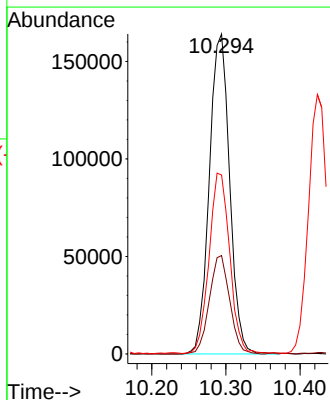
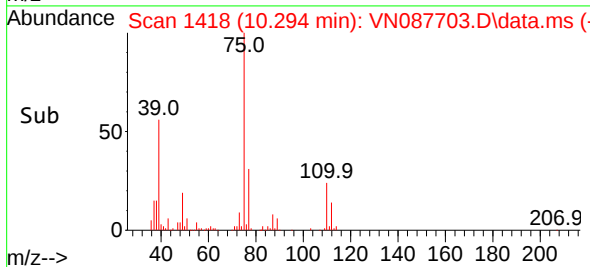
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

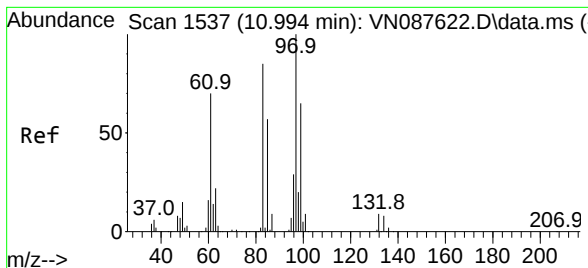


#54
cis-1,3-Dichloropropene
Concen: 47.583 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



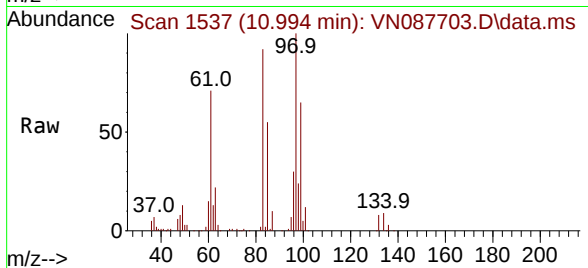
Tgt Ion: 75 Resp: 312123
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0
39 55.7 45.2 67.8





#55
 1,1,2-Trichloroethane
 Concen: 45.372 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04

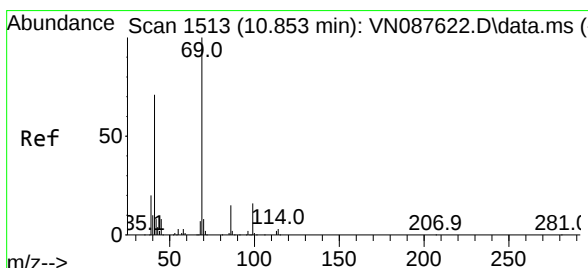
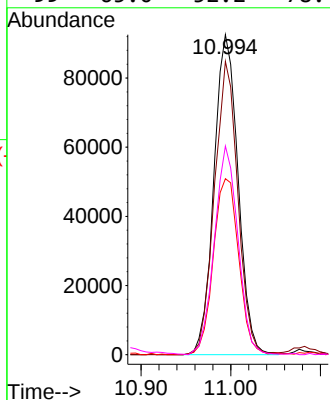
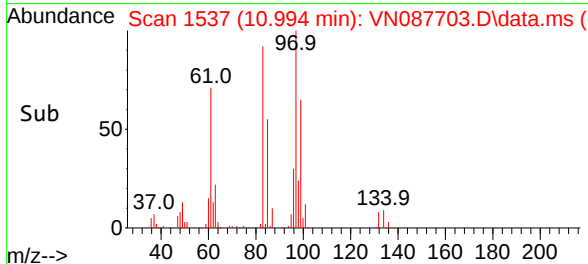
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



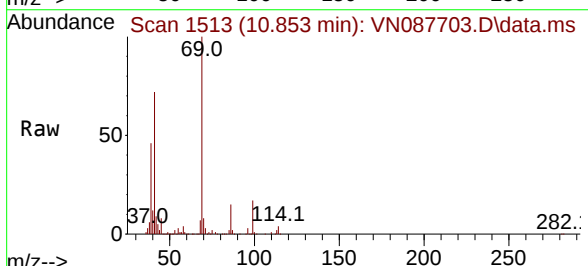
Tgt Ion: 97 Resp: 172752
 Ion Ratio Lower Upper
 97 100
 83 91.7 68.2 102.4
 85 55.0 45.5 68.3
 99 65.0 52.2 78.4

Manual Integrations
 APPROVED

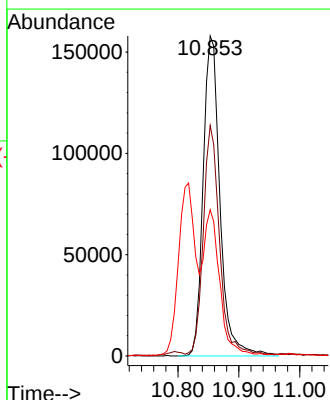
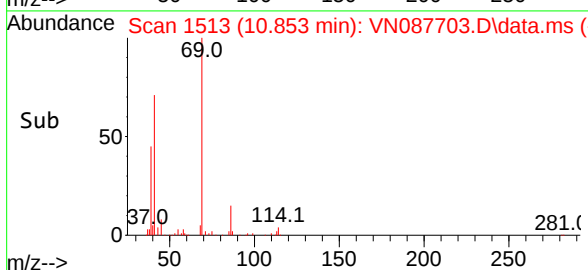
Reviewed By :John Carlone 09/03/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#56
 Ethyl methacrylate
 Concen: 49.853 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04



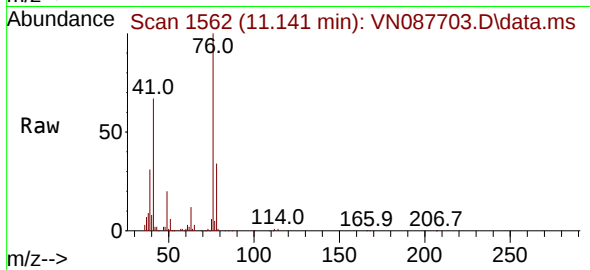
Tgt Ion: 69 Resp: 303342
 Ion Ratio Lower Upper
 69 100
 41 68.8 56.5 84.7
 39 43.0 34.2 51.4





#57
1,3-Dichloropropane
Concen: 45.409 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

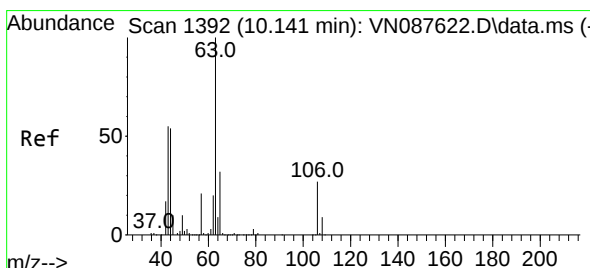
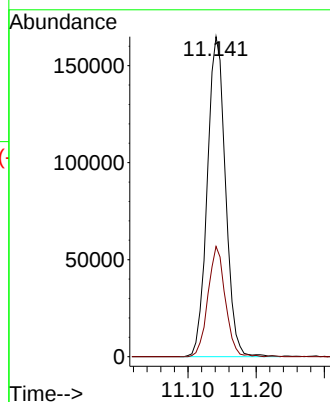
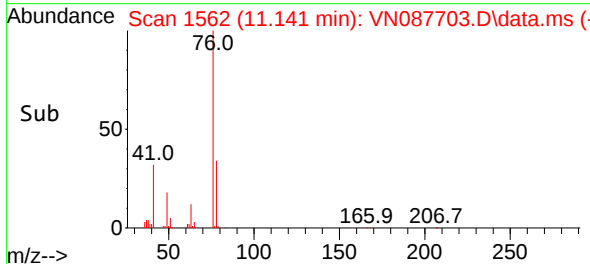
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 305978
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.4

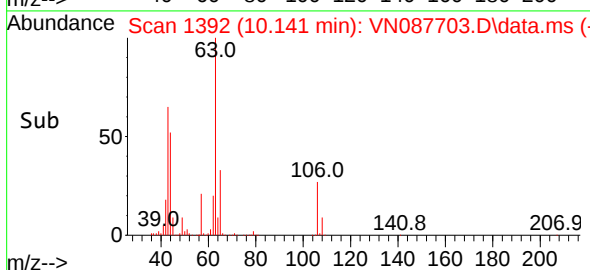
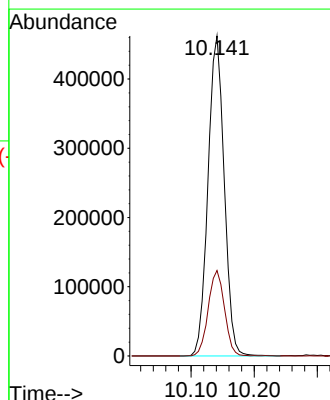
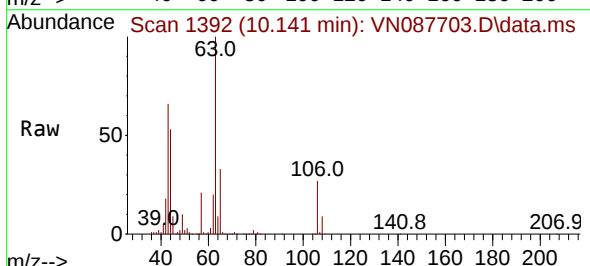
Manual Integrations
APPROVED

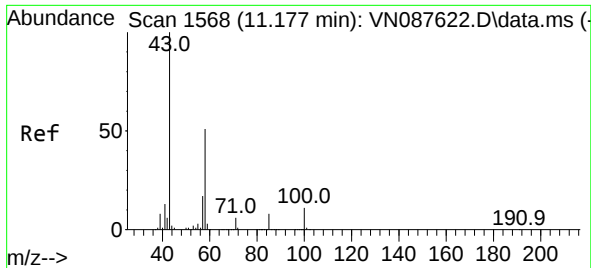
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#58
2-Chloroethyl Vinyl ether
Concen: 249.789 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

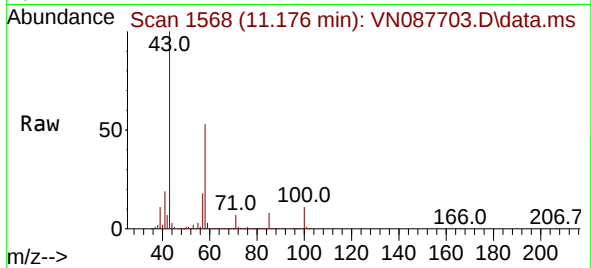
Tgt Ion: 63 Resp: 822651
Ion Ratio Lower Upper
63 100
106 26.8 21.1 31.7





#59
2-Hexanone
Concen: 253.693 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

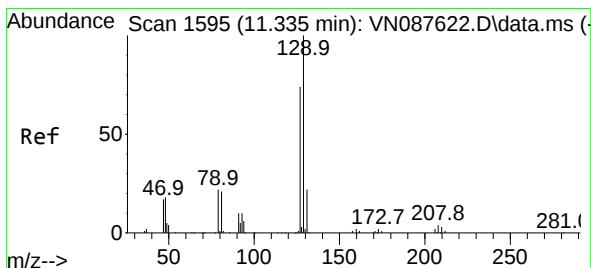
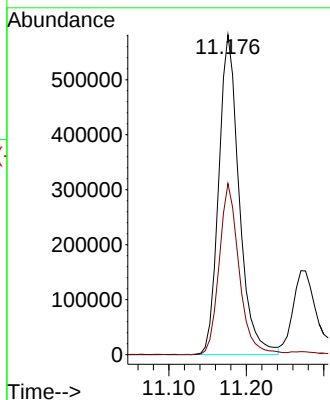
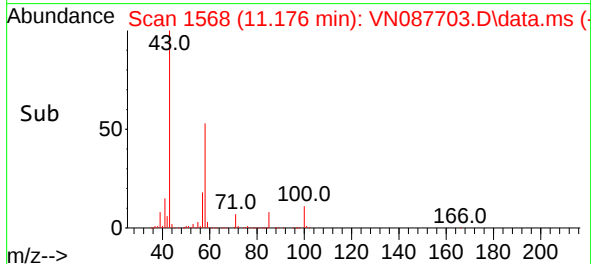
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1068250
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8

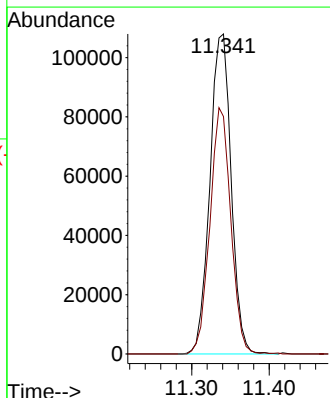
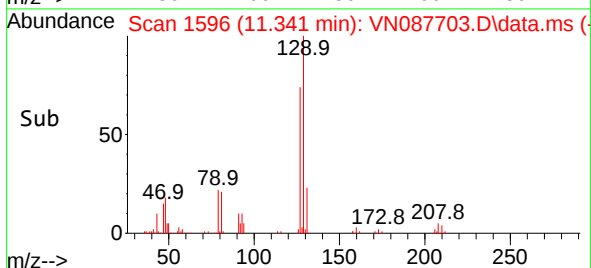
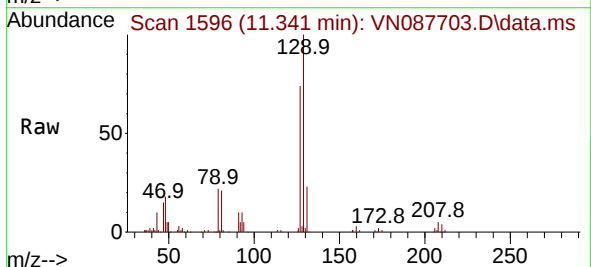
Manual Integrations
APPROVED

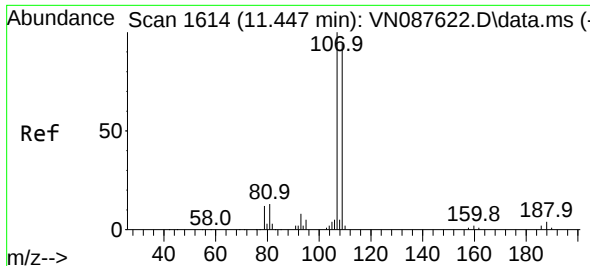
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#60
Dibromochloromethane
Concen: 46.621 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

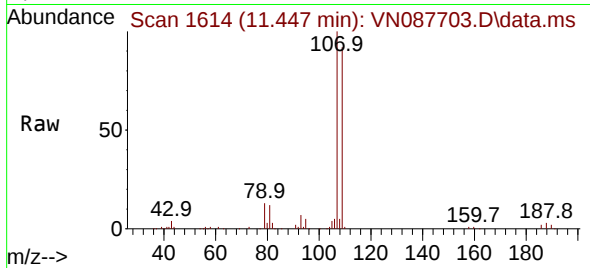
Tgt Ion:129 Resp: 205674
Ion Ratio Lower Upper
129 100
127 75.6 39.1 117.3





#61
1,2-Dibromoethane
Concen: 46.472 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

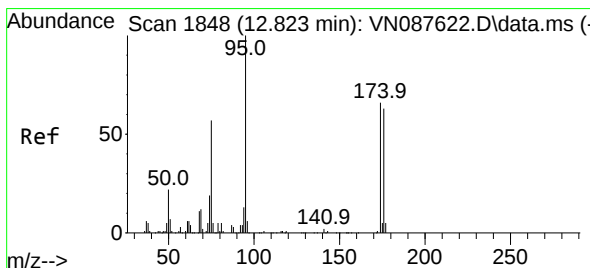
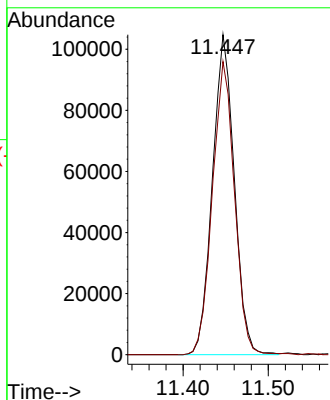
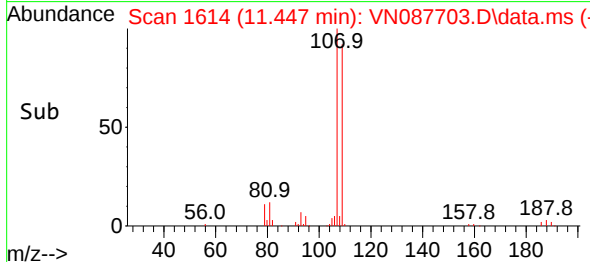
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



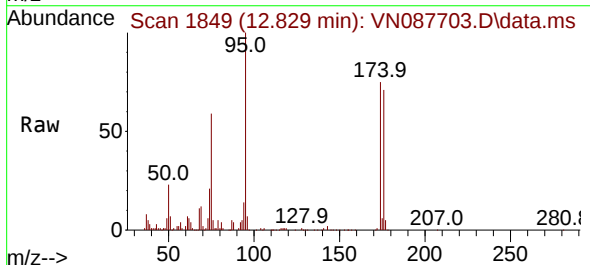
Tgt Ion:107 Resp: 18657
Ion Ratio Lower Upper
107 100
109 92.9 74.7 112.1

Manual Integrations
APPROVED

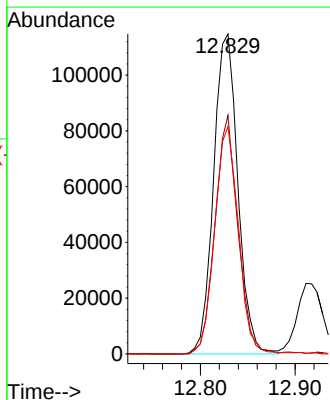
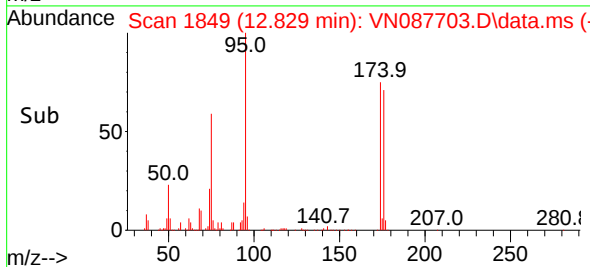
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

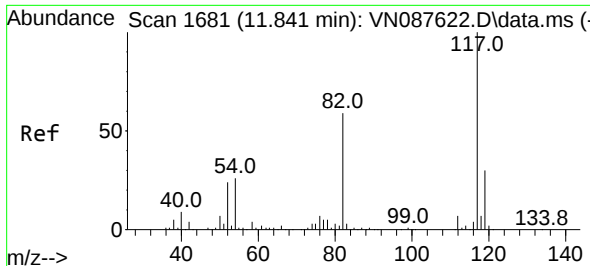


#62
4-Bromofluorobenzene
Concen: 45.478 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



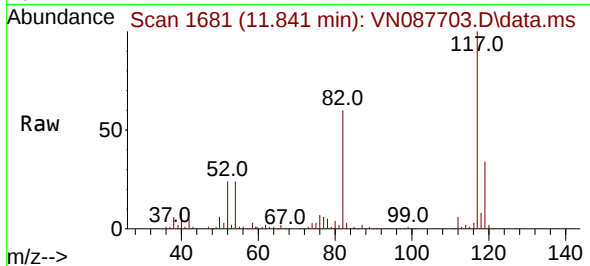
Tgt Ion: 95 Resp: 204245
Ion Ratio Lower Upper
95 100
174 70.2 0.0 138.4
176 70.0 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

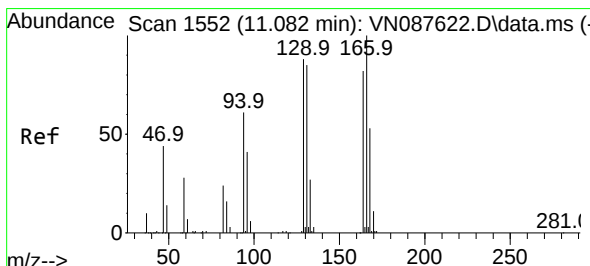
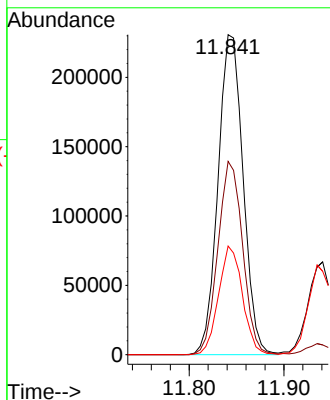
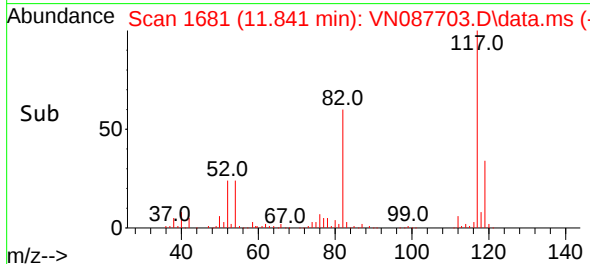
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



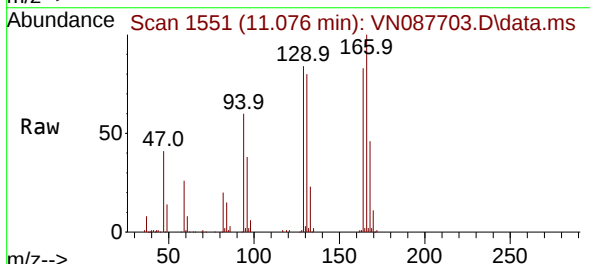
Tgt Ion:117 Resp: 425183
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 34.0 24.3 36.5

Manual Integrations
APPROVED

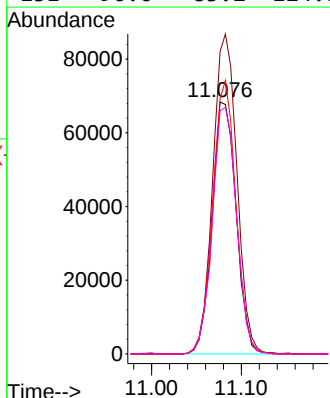
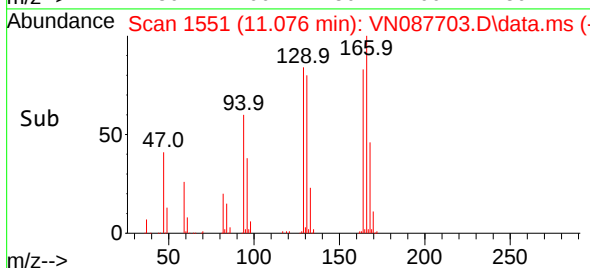
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

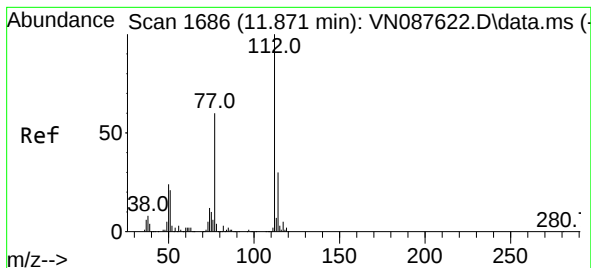


#64
Tetrachloroethene
Concen: 42.807 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



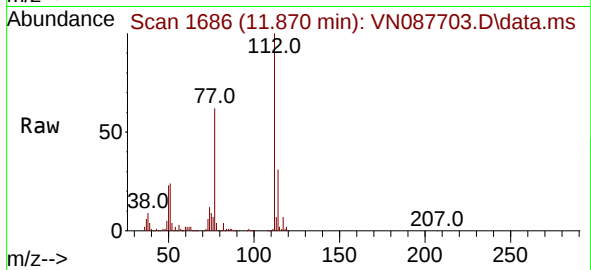
Tgt Ion:164 Resp: 126274
Ion Ratio Lower Upper
164 100
166 120.0 97.7 146.5
129 101.4 85.9 128.9
131 96.6 83.2 124.8





#65
Chlorobenzene
Concen: 45.951 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

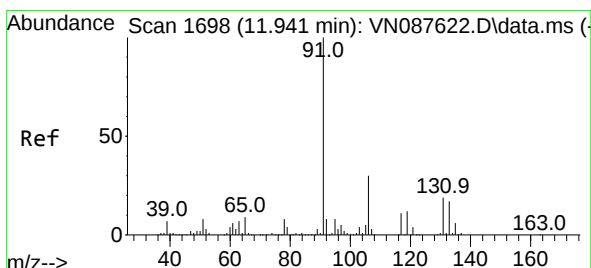
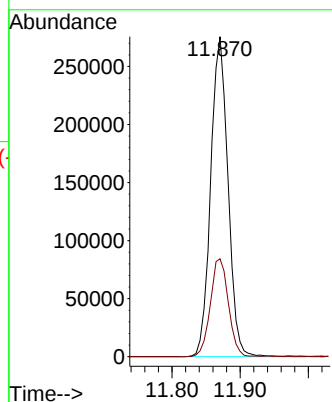
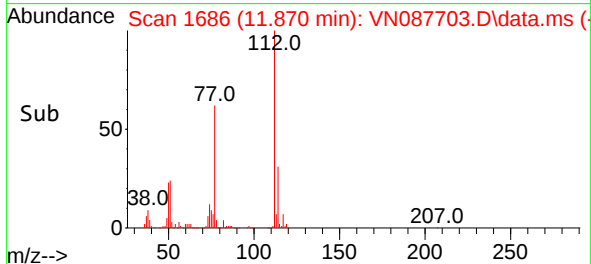
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



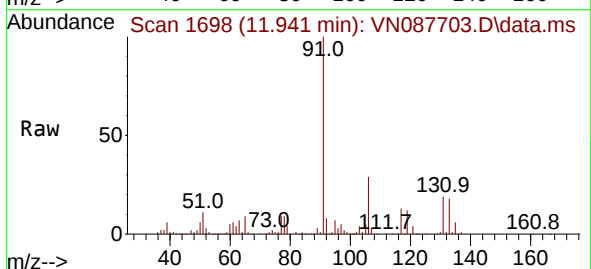
Tgt Ion:112 Resp: 486069
Ion Ratio Lower Upper
112 100
114 30.6 24.3 36.5

Manual Integrations
APPROVED

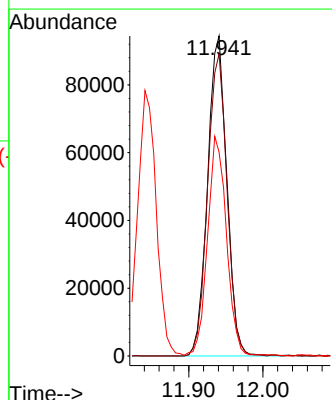
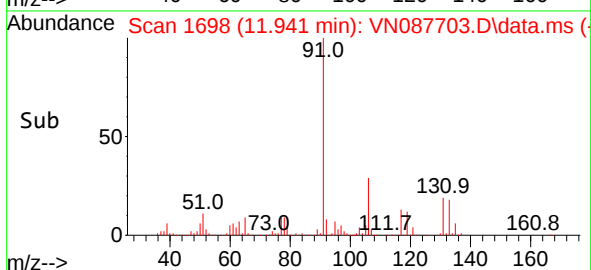
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

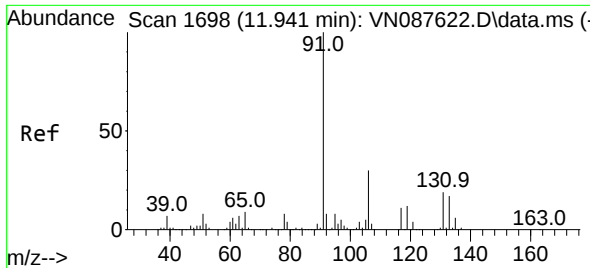


#66
1,1,1,2-Tetrachloroethane
Concen: 48.532 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



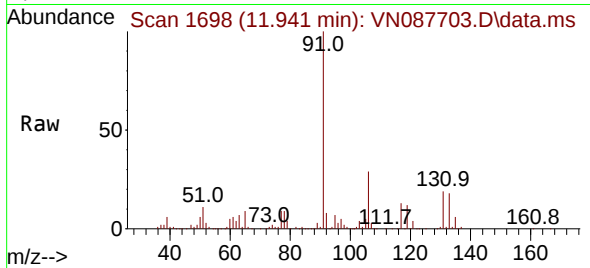
Tgt Ion:131 Resp: 170429
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 67.7 32.6 97.7





#67
Ethyl Benzene
Concen: 46.692 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

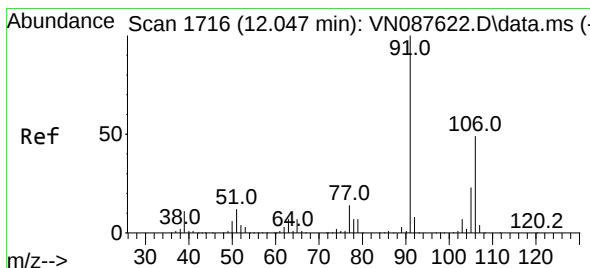
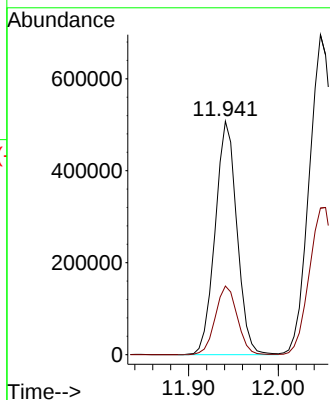
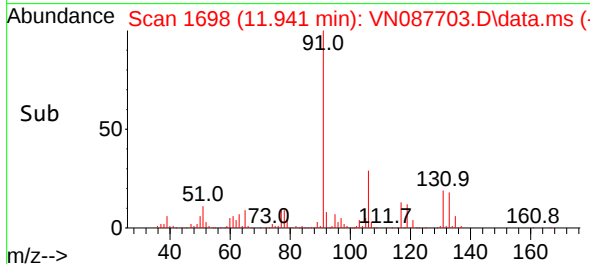
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



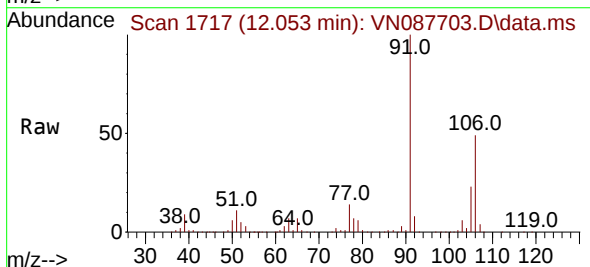
Tgt Ion: 91 Resp: 855149
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1

Manual Integrations
APPROVED

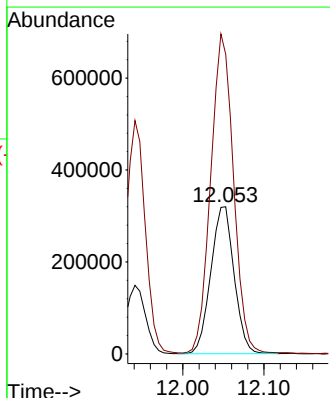
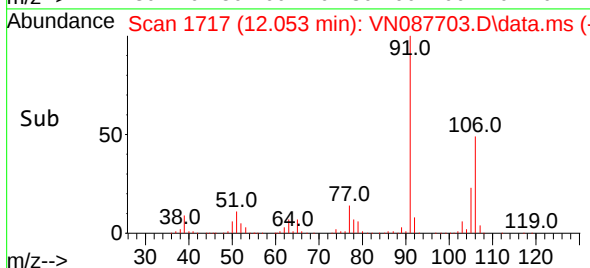
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

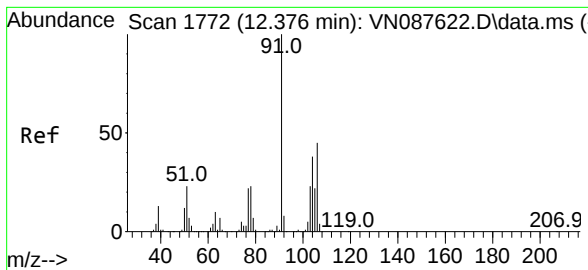


#68
m/p-Xylenes
Concen: 95.086 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



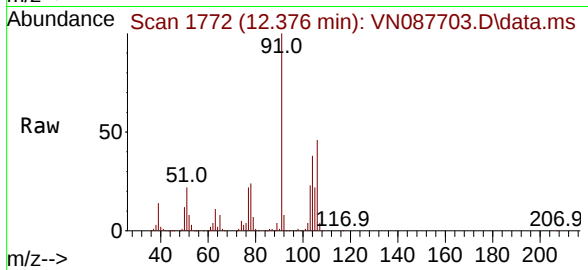
Tgt Ion:106 Resp: 638678
Ion Ratio Lower Upper
106 100
91 213.2 169.3 253.9





#69
o-Xylene
Concen: 47.388 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

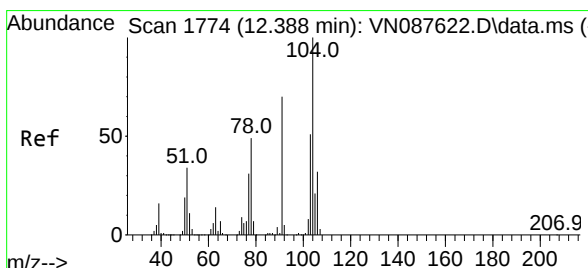
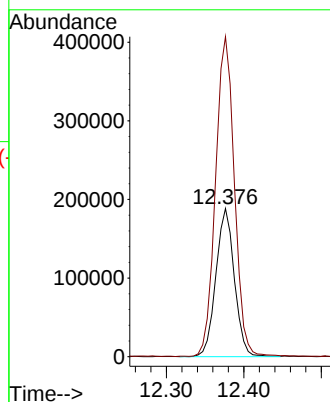
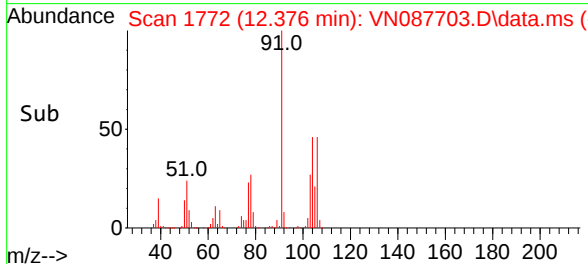
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



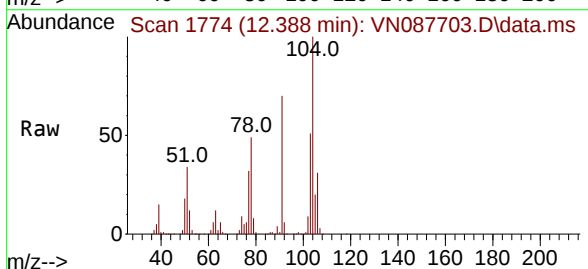
Tgt Ion:106 Resp: 31193
Ion Ratio Lower Upper
106 100
91 221.3 111.4 334.2

Manual Integrations
APPROVED

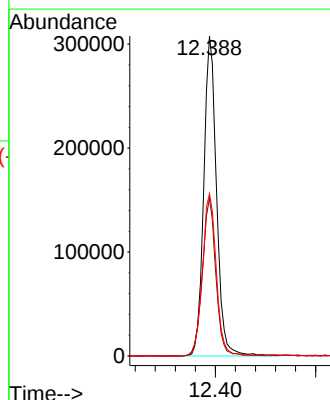
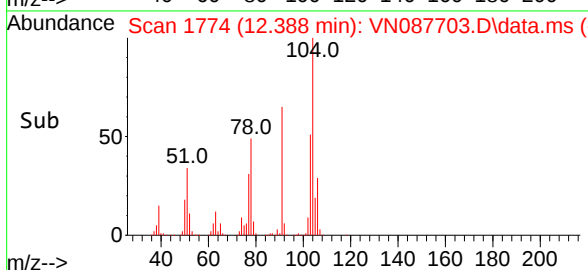
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

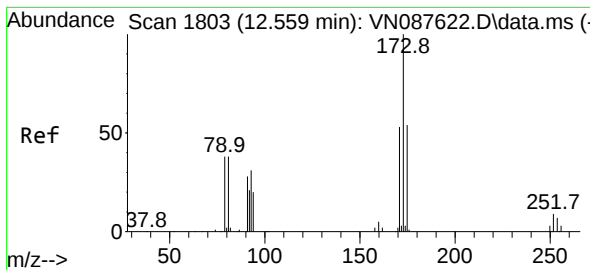


#70
Styrene
Concen: 49.562 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



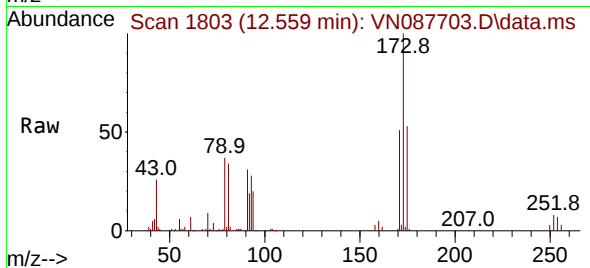
Tgt Ion:104 Resp: 546567
Ion Ratio Lower Upper
104 100
78 51.6 42.2 63.2
103 54.8 43.4 65.2





#71
Bromoform
Concen: 48.755 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

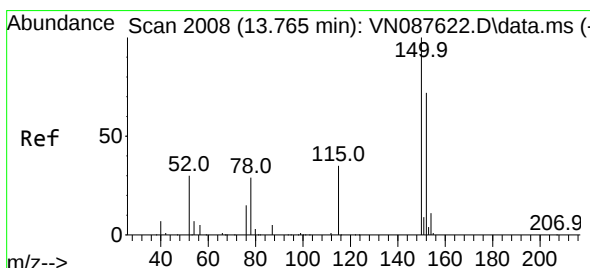
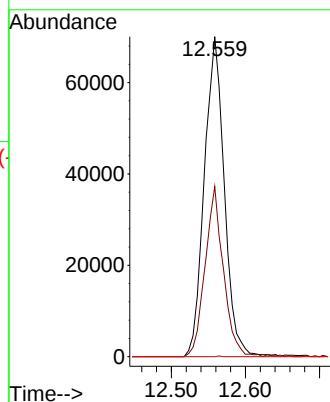
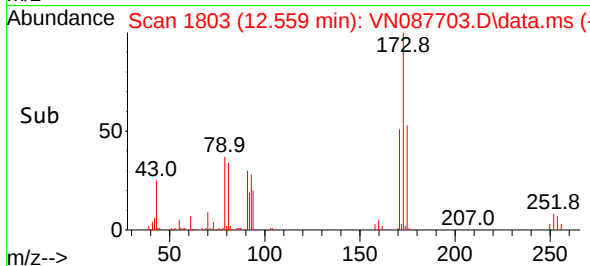
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



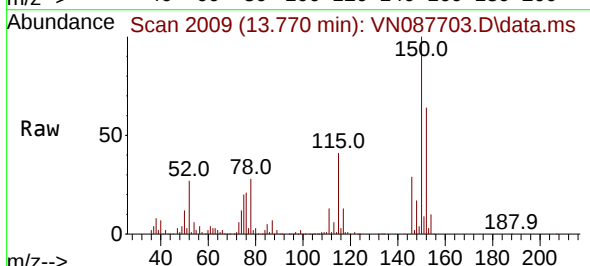
Tgt Ion:173 Resp: 131310
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

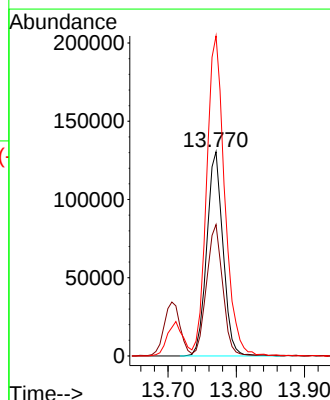
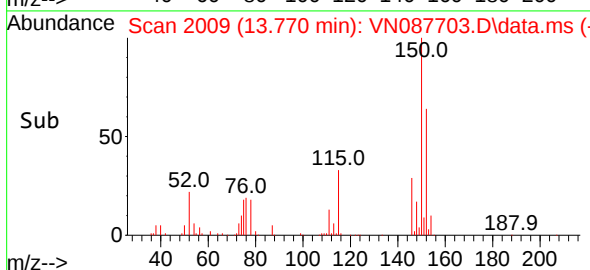
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

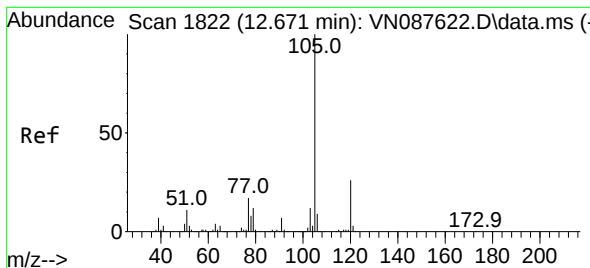


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



Tgt Ion:152 Resp: 216198
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 173.1 0.0 351.0





#73

Isopropylbenzene

Concen: 46.007 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VN087703.D

Acq: 02 Sep 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 80375

Ion Ratio Lower Upper

105 100

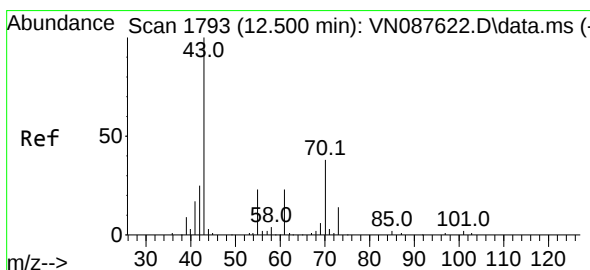
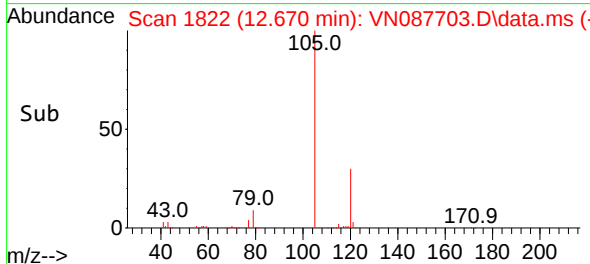
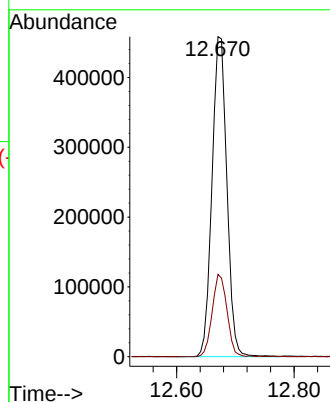
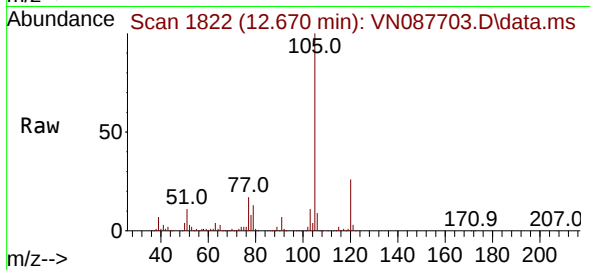
120 25.6 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#74

N-ethyl acetate

Concen: 46.759 ug/l m

RT: 12.494 min Scan# 1792

Delta R.T. -0.006 min

Lab File: VN087703.D

Acq: 02 Sep 2025 10:04

Tgt Ion: 43 Resp: 309573

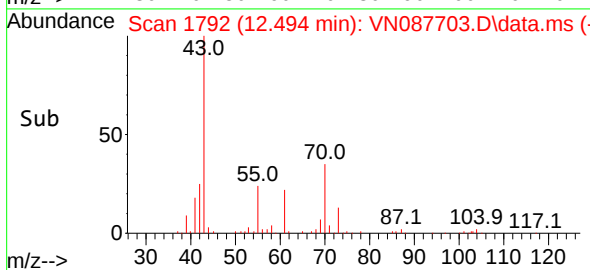
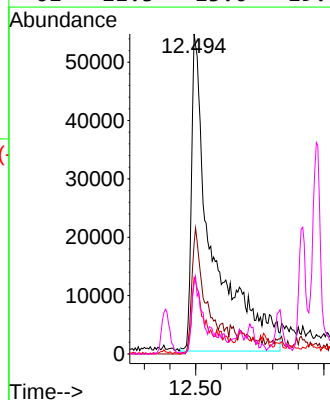
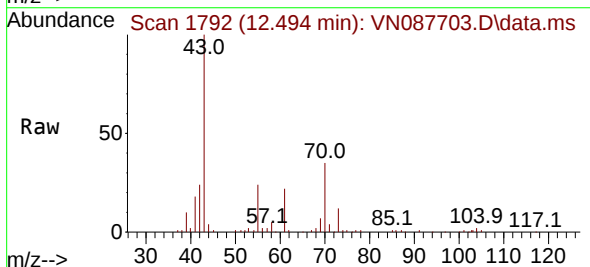
Ion Ratio Lower Upper

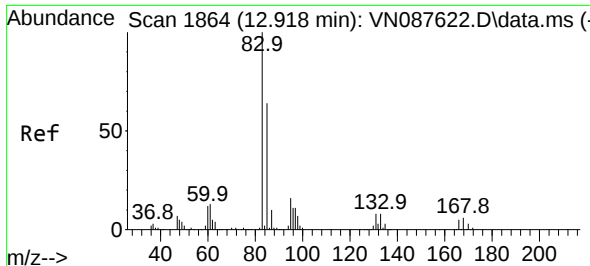
43 100

70 24.0 27.6 41.4#

55 13.8 13.0 19.6

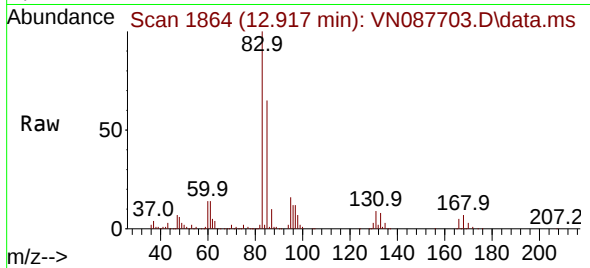
61 11.3 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 46.571 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

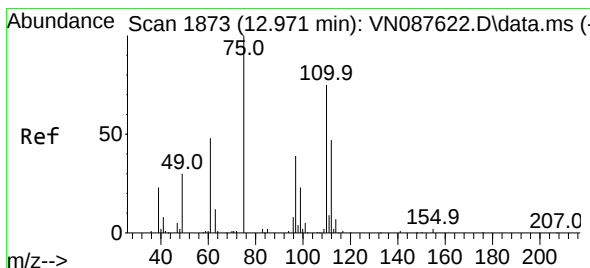
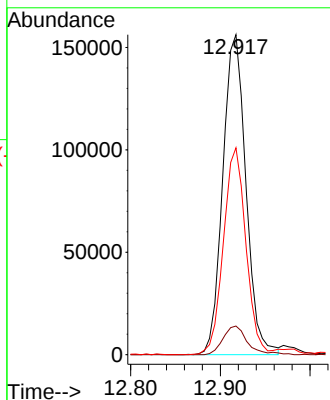
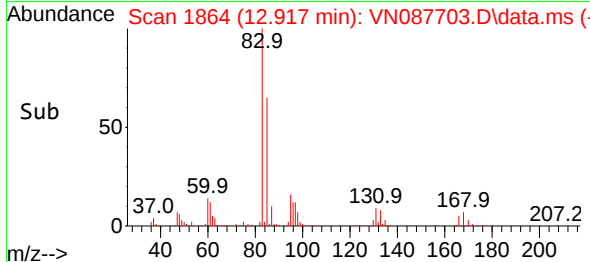
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



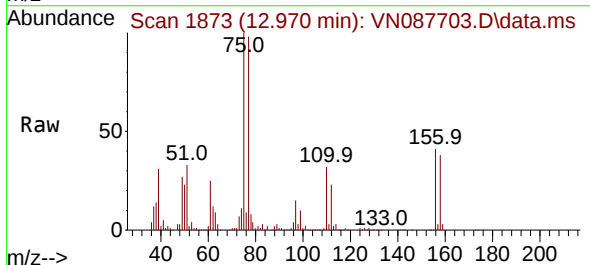
Tgt Ion: 83 Resp: 28011
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 62.7 32.1 96.3

Manual Integrations
APPROVED

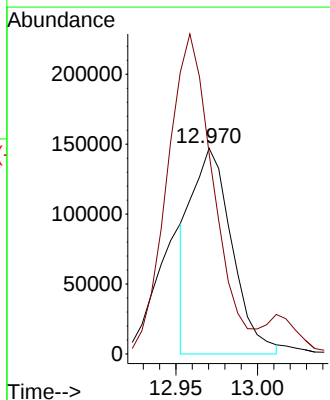
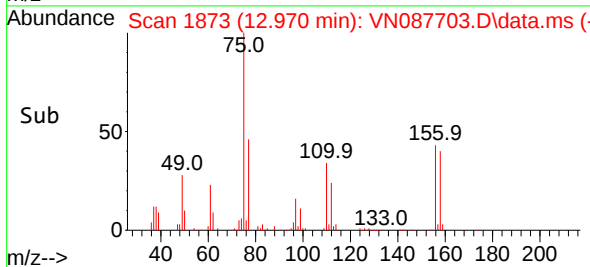
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

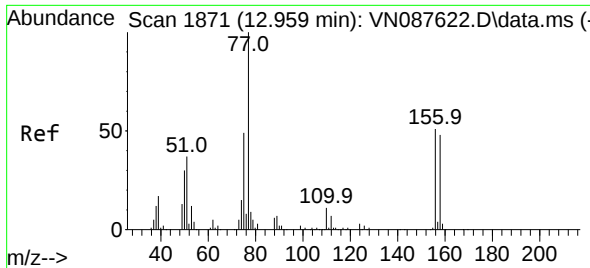


#76
1,2,3-Trichloropropane
Concen: 50.240 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



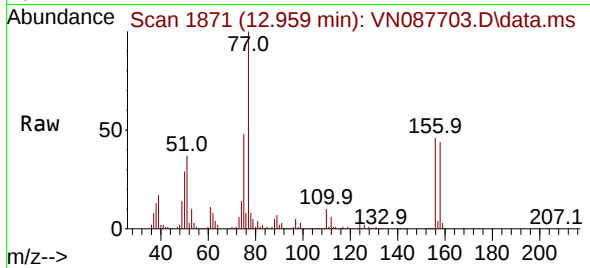
Tgt Ion: 75 Resp: 254715
Ion Ratio Lower Upper
75 100
77 179.1 89.1 267.4





#77
Bromobenzene
Concen: 46.016 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

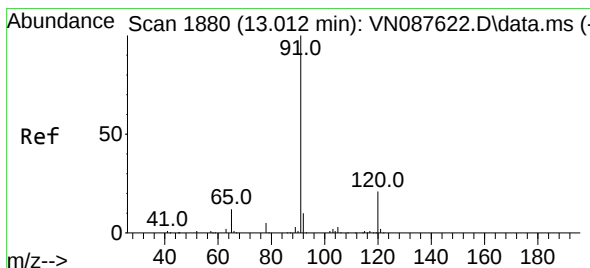
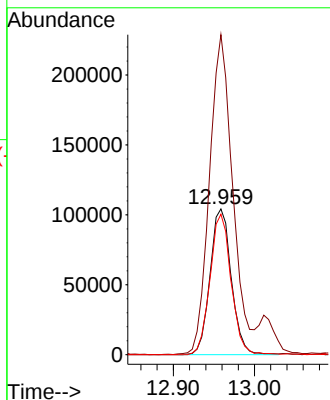
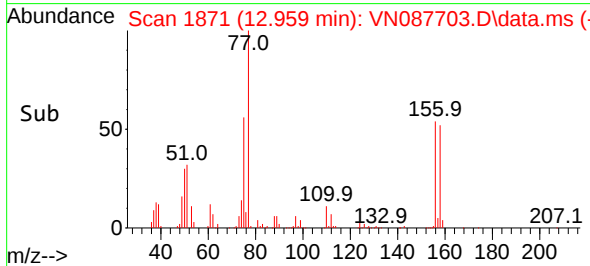
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 189549
Ion Ratio Lower Upper
156 100
77 240.7 119.3 358.0
158 95.6 48.2 144.6

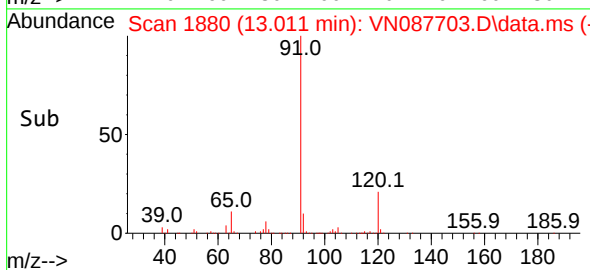
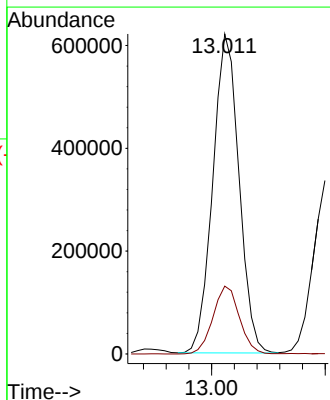
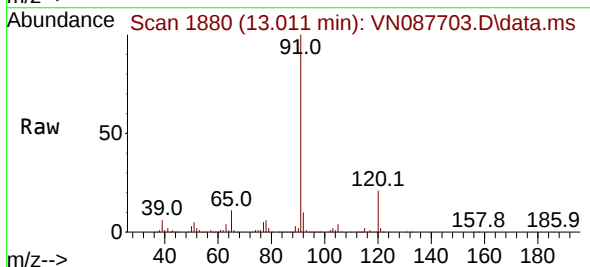
Manual Integrations
APPROVED

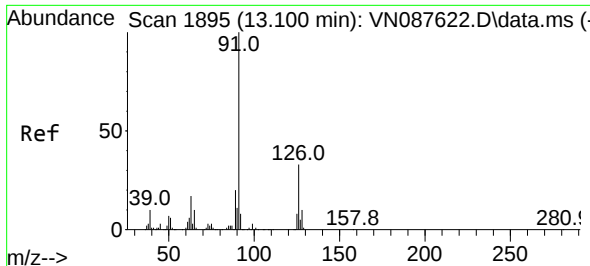
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#78
n-propylbenzene
Concen: 46.128 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

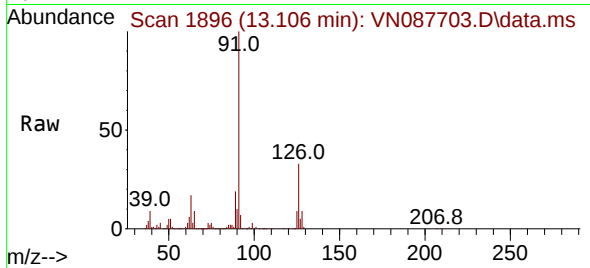
Tgt Ion: 91 Resp: 992637
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1





#79
2-Chlorotoluene
Concen: 46.084 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

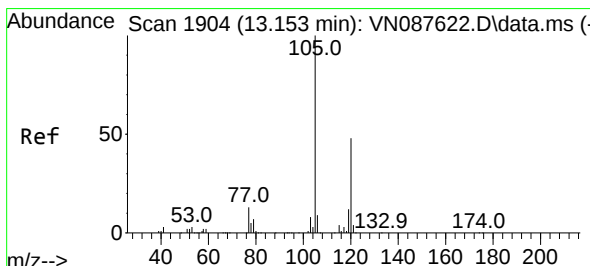
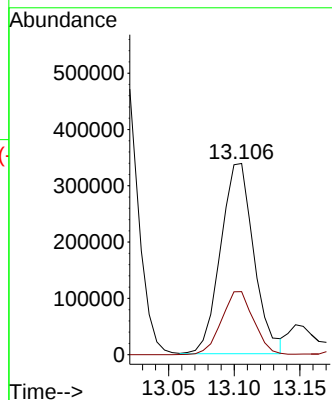
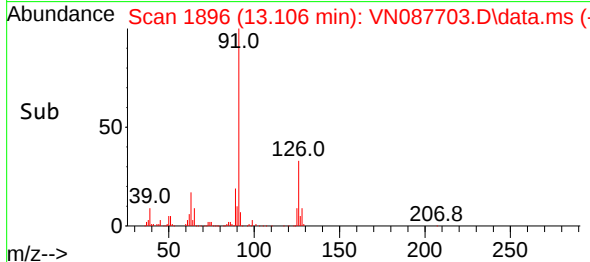
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



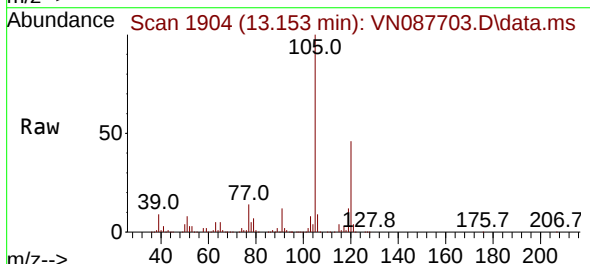
Tgt Ion: 91 Resp: 596779
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.3

Manual Integrations
APPROVED

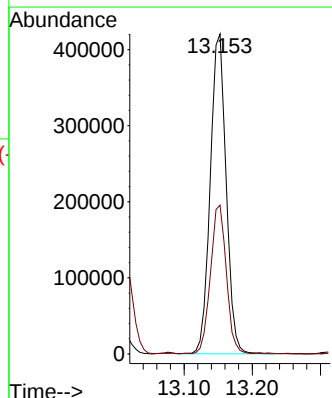
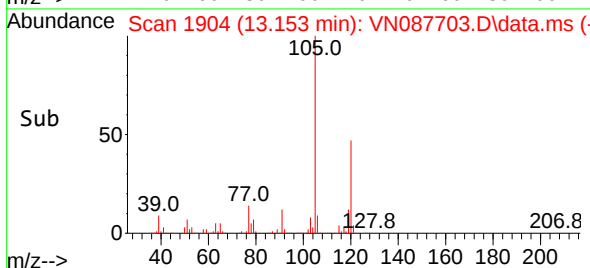
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

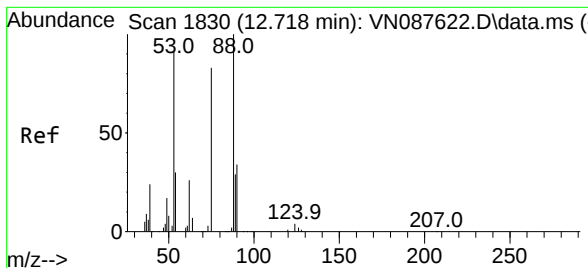


#80
1,3,5-Trimethylbenzene
Concen: 45.956 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



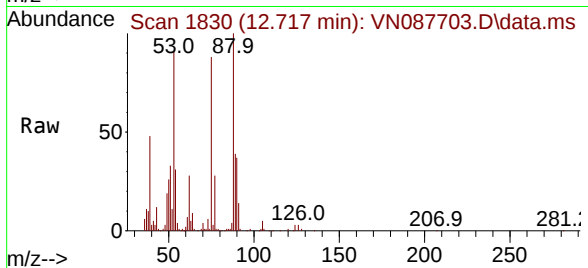
Tgt Ion:105 Resp: 681082
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.021 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

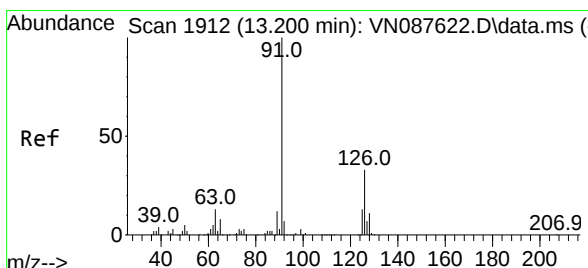
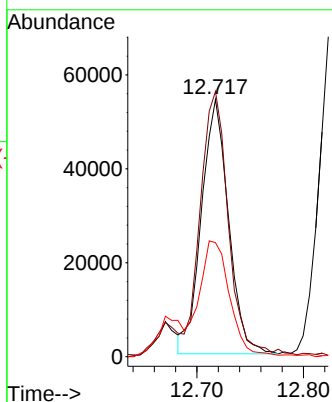
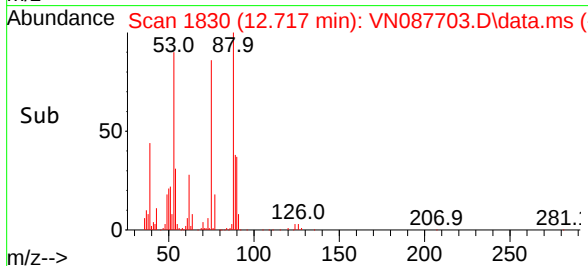
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



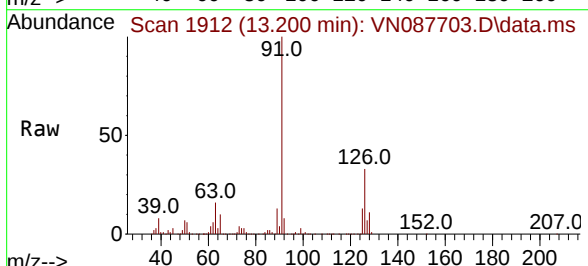
Tgt Ion: 75 Resp: 95794
Ion Ratio Lower Upper
75 100
53 105.5 101.8 152.6
89 50.9 35.6 53.4

Manual Integrations
APPROVED

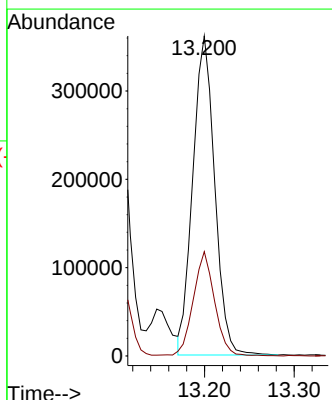
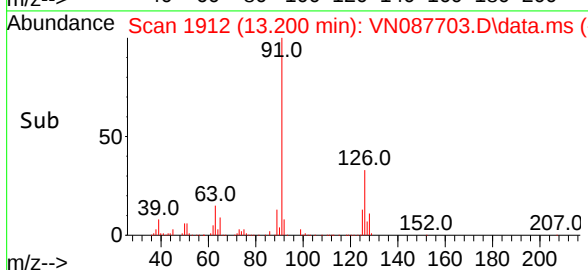
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

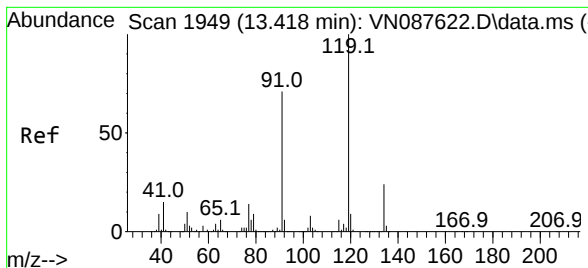


#82
4-Chlorotoluene
Concen: 44.921 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



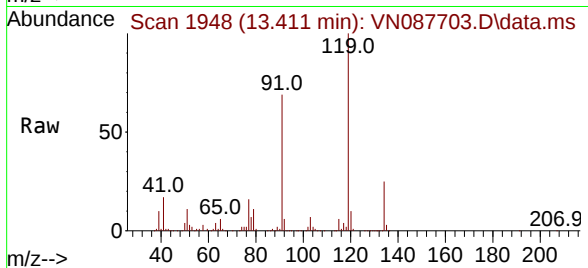
Tgt Ion: 91 Resp: 611619
Ion Ratio Lower Upper
91 100
126 32.1 15.6 46.8





#83
 tert-Butylbenzene
 Concen: 46.616 ug/l
 RT: 13.411 min Scan# 1948
 Delta R.T. -0.006 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04

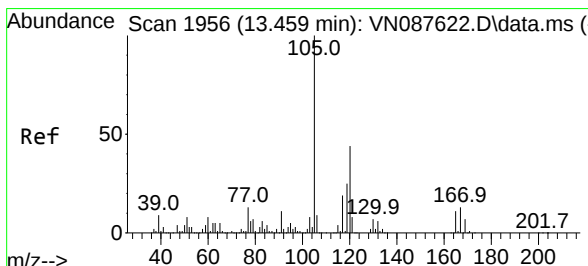
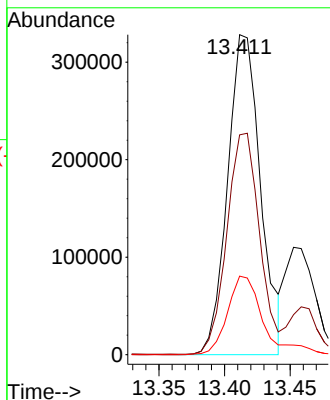
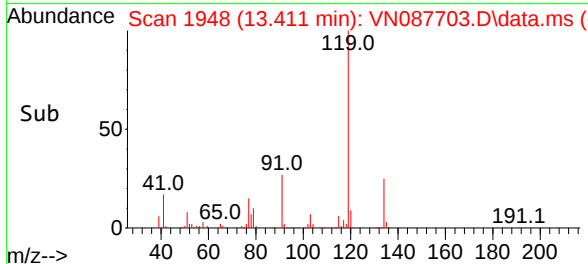
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



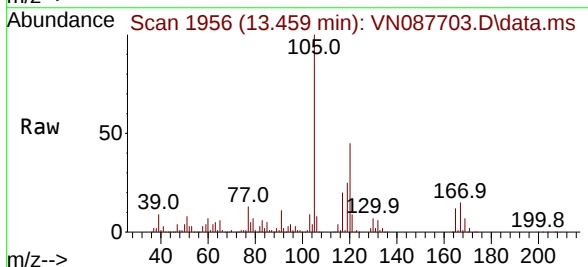
Tgt Ion:119 Resp: 57571
 Ion Ratio Lower Upper
 119 100
 91 68.4 35.0 105.0
 134 26.6 12.6 37.8

Manual Integrations
 APPROVED

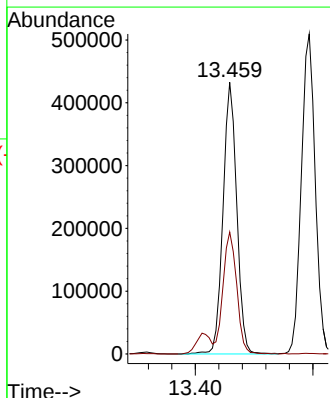
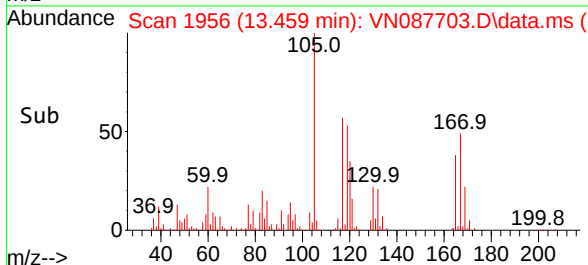
Reviewed By :John Carlone 09/03/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025

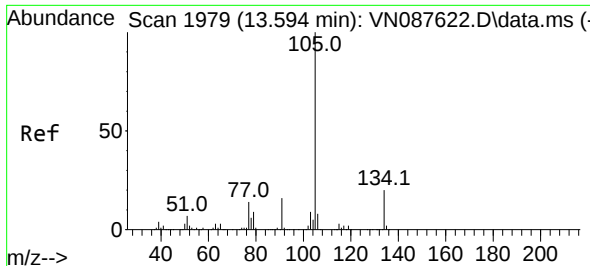


#84
 1,2,4-Trimethylbenzene
 Concen: 47.329 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04



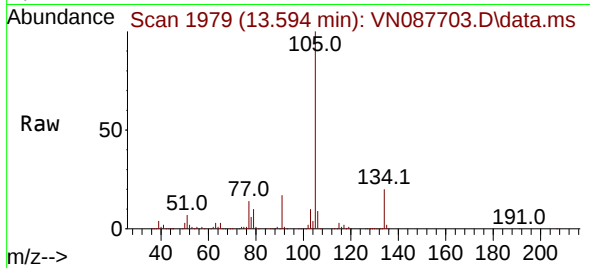
Tgt Ion:105 Resp: 702180
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 45.646 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04

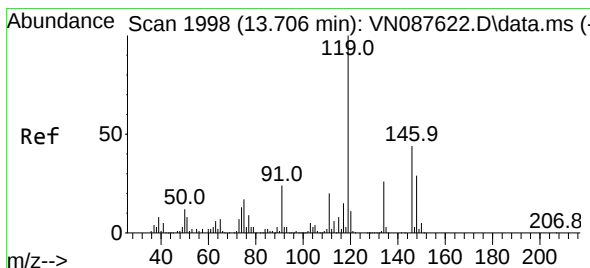
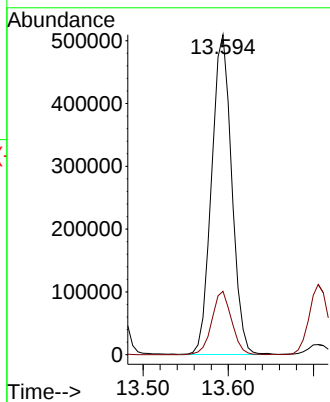
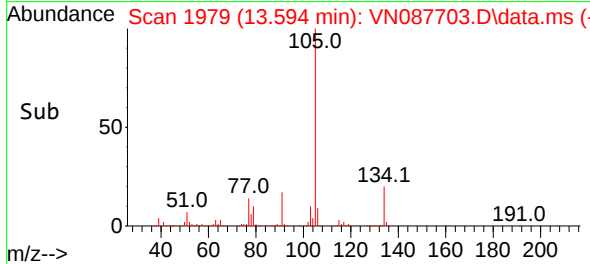
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



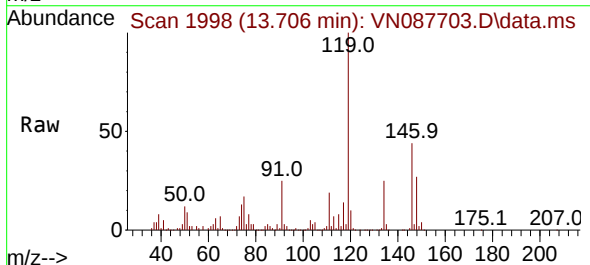
Tgt Ion:105 Resp: 836579
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6

Manual Integrations
 APPROVED

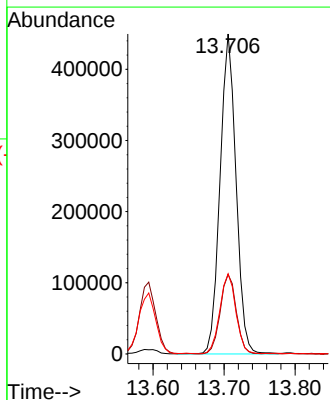
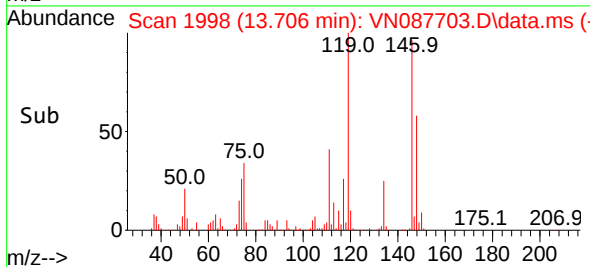
Reviewed By :John Carlone 09/03/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025

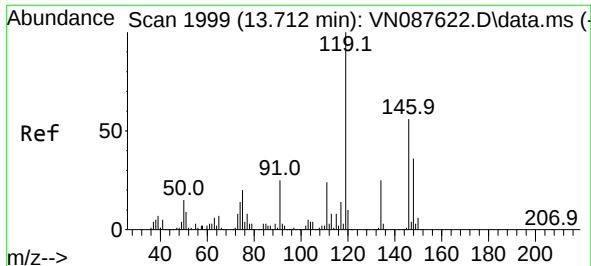


#86
 p-Isopropyltoluene
 Concen: 46.282 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087703.D
 Acq: 02 Sep 2025 10:04



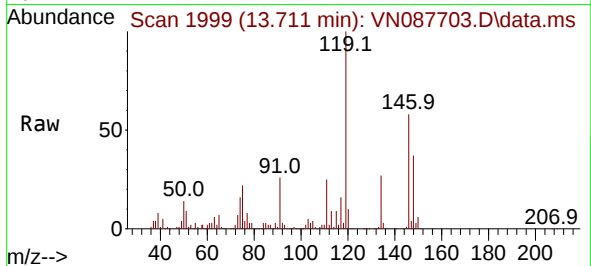
Tgt Ion:119 Resp: 700419
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.0
 91 25.0 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 45.618 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

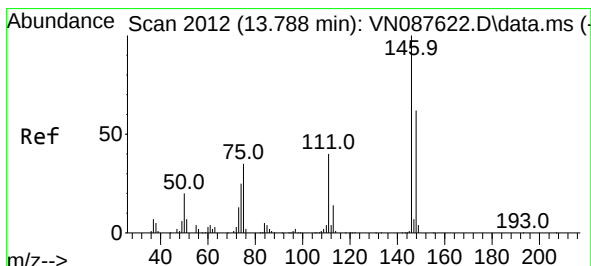
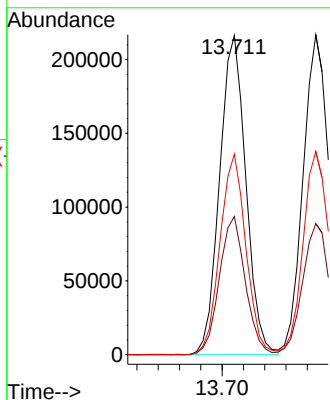
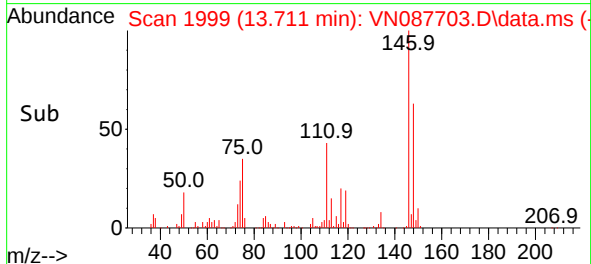
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 37004
Ion Ratio Lower Upper
146 100
111 42.8 22.1 66.5
148 62.1 32.0 96.2

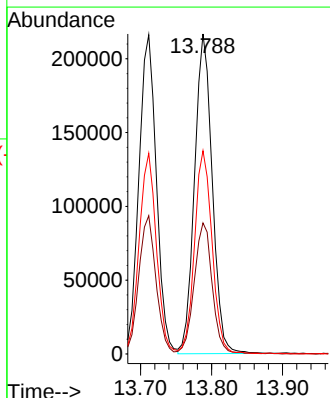
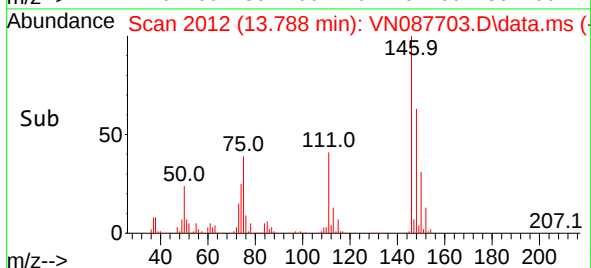
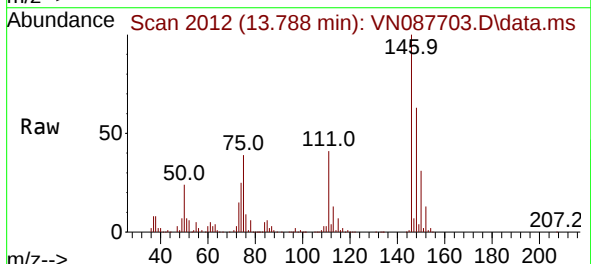
Manual Integrations
APPROVED

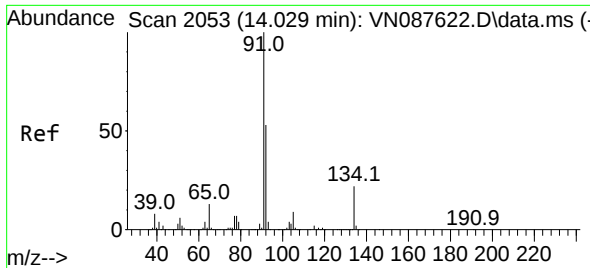
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#88
1,4-Dichlorobenzene
Concen: 44.497 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

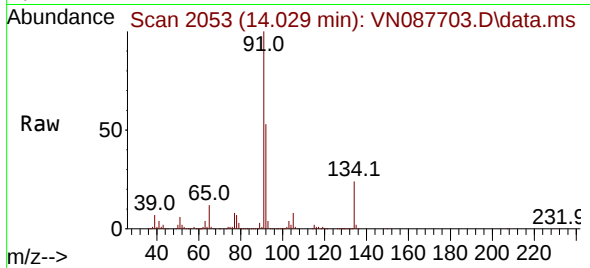
Tgt Ion:146 Resp: 375628
Ion Ratio Lower Upper
146 100
111 41.1 21.0 63.0
148 62.6 32.0 96.0





#89
n-Butylbenzene
Concen: 44.927 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

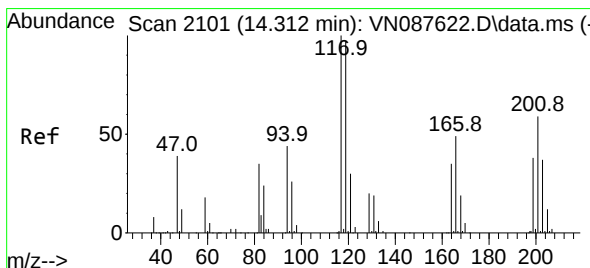
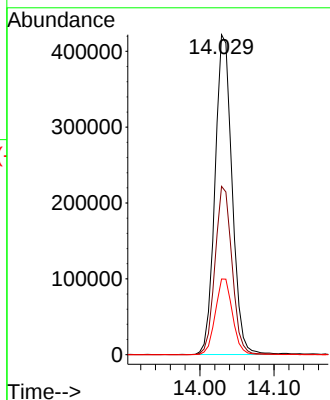
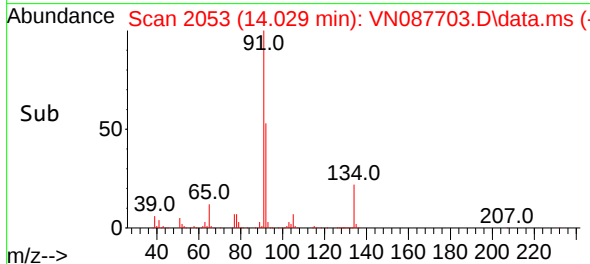
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 675260
Ion Ratio Lower Upper
91 100
92 52.4 25.9 77.8
134 24.0 11.7 35.0

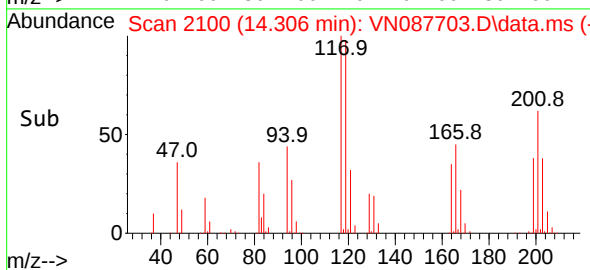
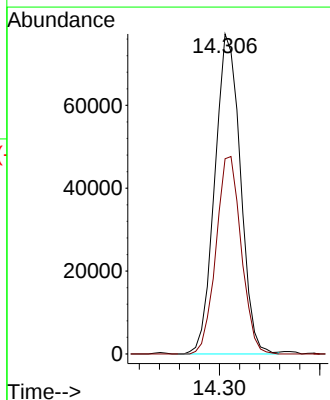
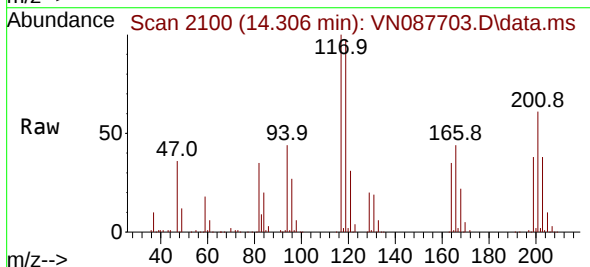
Manual Integrations
APPROVED

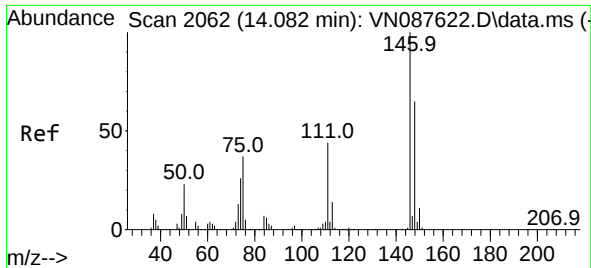
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#90
Hexachloroethane
Concen: 47.367 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

Tgt Ion:117 Resp: 136569
Ion Ratio Lower Upper
117 100
201 60.7 29.1 87.4





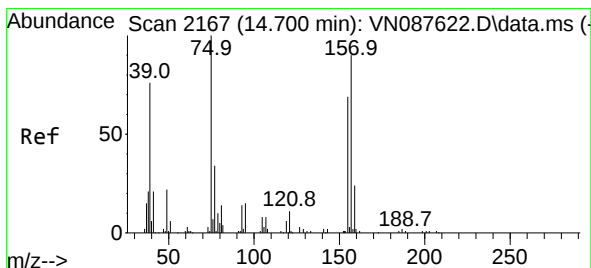
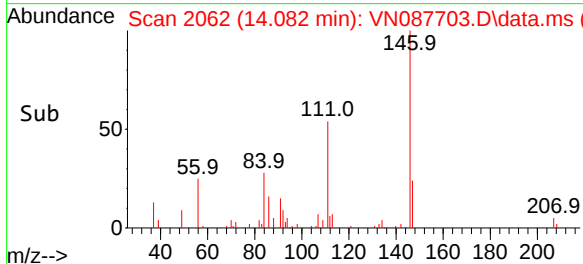
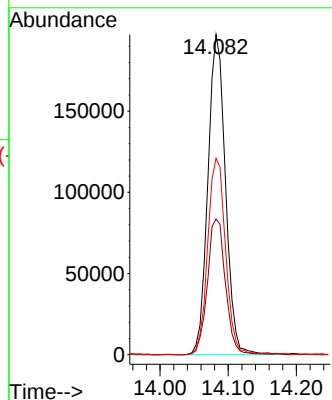
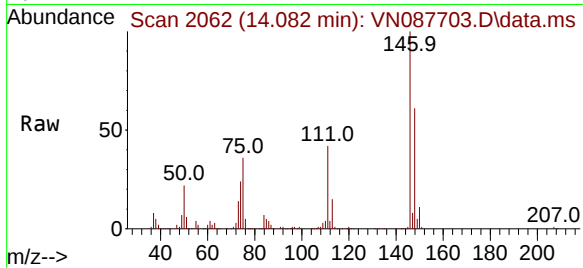
#91
1,2-Dichlorobenzene
Concen: 45.970 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 35377
Ion Ratio Lower Upper
146 100
111 43.6 22.6 67.8
148 62.5 31.9 95.9

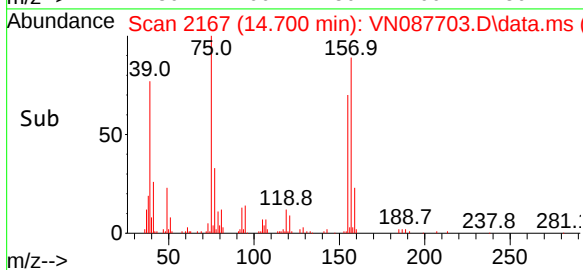
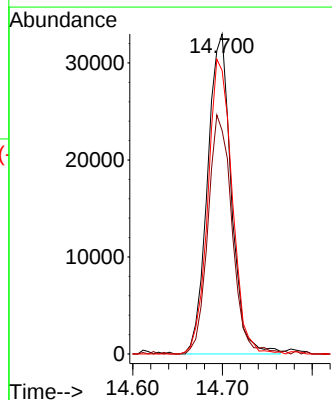
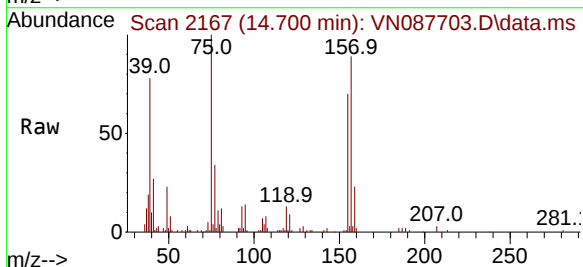
Manual Integrations
APPROVED

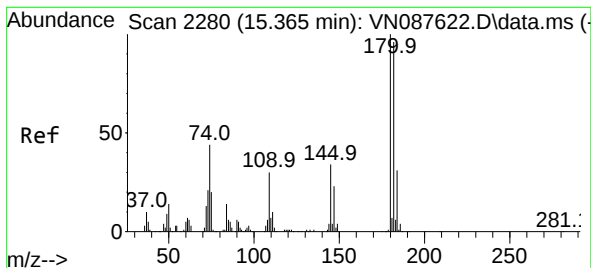
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.530 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

Tgt Ion: 75 Resp: 60768
Ion Ratio Lower Upper
75 100
155 75.7 36.6 109.9
157 93.9 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 45.031 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087703.D

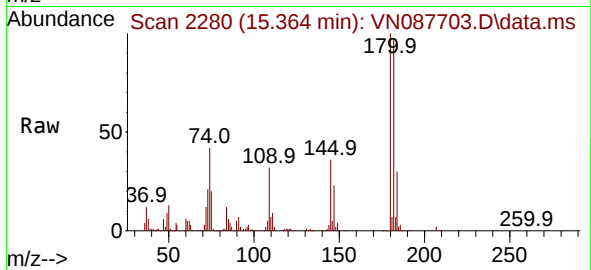
Acq: 02 Sep 2025 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



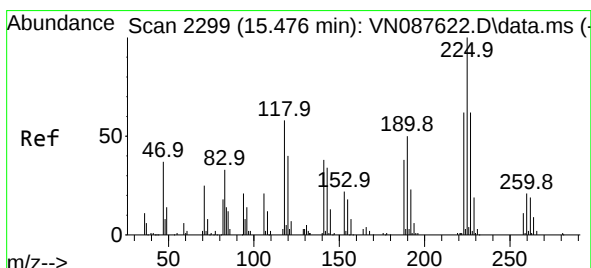
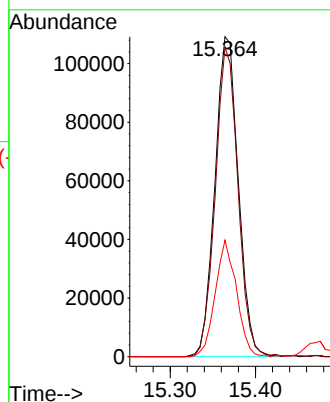
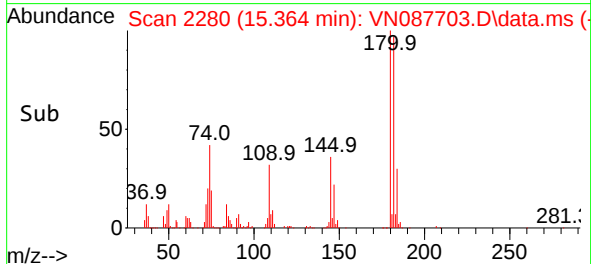
Tgt Ion:	180	Resp:	208099
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.6	142.9
145	33.2	16.5	49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#94

Hexachlorobutadiene

Concen: 39.956 ug/l

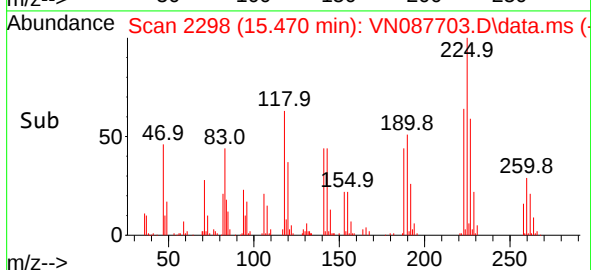
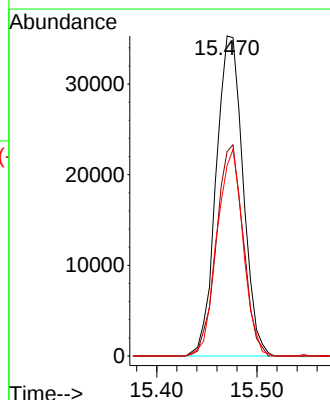
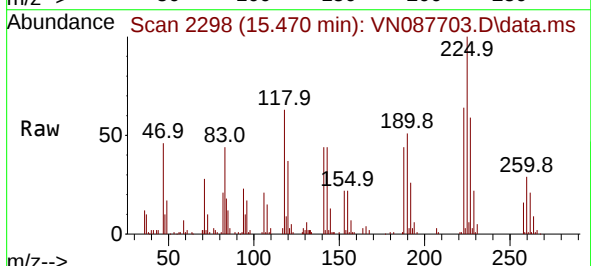
RT: 15.470 min Scan# 2298

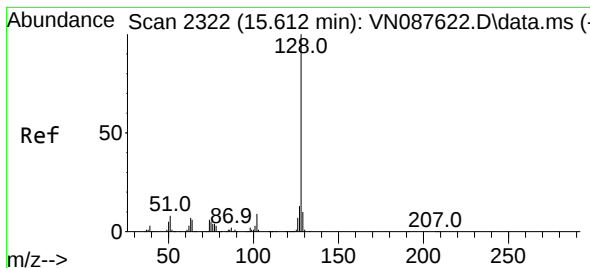
Delta R.T. -0.006 min

Lab File: VN087703.D

Acq: 02 Sep 2025 10:04

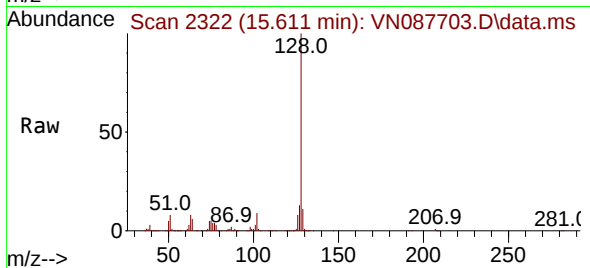
Tgt Ion:	225	Resp:	65828
Ion Ratio	Lower	Upper	
225	100		
223	65.3	32.0	96.2
227	63.0	32.1	96.5





#95
Naphthalene
Concen: 45.482 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04

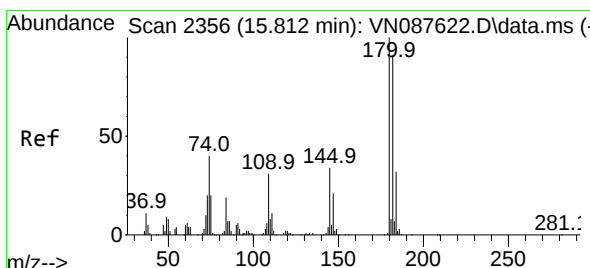
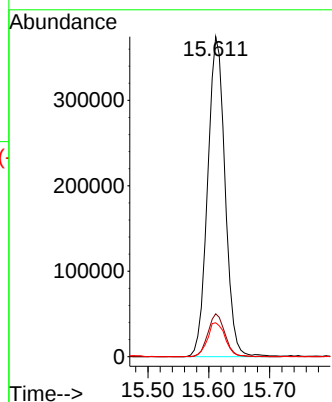
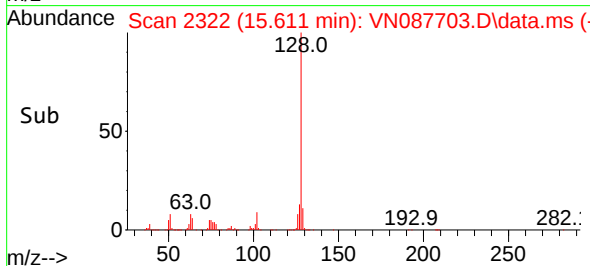
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



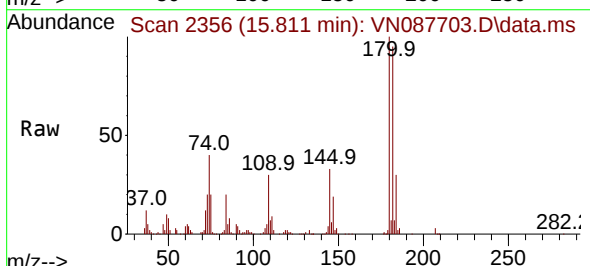
Tgt Ion:128 Resp: 74447
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.546 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087703.D
Acq: 02 Sep 2025 10:04



Tgt Ion:180 Resp: 201248
Ion Ratio Lower Upper
180 100
182 93.0 46.8 140.3
145 33.5 17.3 52.0

