

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086965.D
 Acq On : 11 Jun 2025 21:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/12/2025
 Supervised By : Semsettin Yesilyurt 06/12/2025

Quant Time: Jun 12 01:48:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	177574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	326287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	123795	52.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.140%			
35) Dibromofluoromethane	8.177	113	102484	53.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.000%			
50) Toluene-d8	10.571	98	382080	49.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.847	95	146464	51.499	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	97946	55.320	ug/l	98
3) Chloromethane	2.395	50	103222	45.148	ug/l	99
4) Vinyl Chloride	2.553	62	126441	53.612	ug/l	100
5) Bromomethane	2.983	94	43618	33.049	ug/l	94
6) Chloroethane	3.147	64	84712	55.606	ug/l	97
7) Trichlorofluoromethane	3.524	101	172024	55.827	ug/l	99
8) Diethyl Ether	3.983	74	75627	56.330	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.400	101	104252	53.851	ug/l	99
10) Methyl Iodide	4.606	142	46802	18.649	ug/l	98
11) Tert butyl alcohol	5.547	59	180885	280.391	ug/l	99
12) 1,1-Dichloroethene	4.365	96	106380	53.824	ug/l	96
13) Acrolein	4.200	56	152464	746.633	ug/l	100
14) Allyl chloride	5.047	41	166911	50.921	ug/l	97
15) Acrylonitrile	5.741	53	422921	280.476	ug/l	100
16) Acetone	4.447	43	331168	262.661	ug/l	100
17) Carbon Disulfide	4.736	76	268580	49.127	ug/l	99
18) Methyl Acetate	5.047	43	214312	58.328	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	406405	56.790	ug/l	99
20) Methylene Chloride	5.300	84	125496	53.166	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	115879	52.697	ug/l	95
22) Diisopropyl ether	6.688	45	382028	55.291	ug/l	99
23) Vinyl Acetate	6.618	43	1623707	278.142	ug/l	99
24) 1,1-Dichloroethane	6.588	63	222894	56.057	ug/l	99
25) 2-Butanone	7.494	43	557966	272.256	ug/l	97
26) 2,2-Dichloropropane	7.500	77	149440	48.315	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	146360	55.654	ug/l	97
28) Bromochloromethane	7.824	49	111849	57.211	ug/l	98
29) Tetrahydrofuran	7.853	42	361046	270.436	ug/l	97
30) Chloroform	7.977	83	219091	55.175	ug/l	97
31) Cyclohexane	8.265	56	181510	47.071	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	181857	53.846	ug/l	99
36) 1,1-Dichloropropene	8.377	75	153059	53.121	ug/l	99
37) Ethyl Acetate	7.571	43	196171	53.483	ug/l	99
38) Carbon Tetrachloride	8.371	117	150782	53.303	ug/l	96
39) Methylcyclohexane	9.606	83	176079	44.605	ug/l	97
40) Benzene	8.612	78	505922	53.695	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	112567	54.646	ug/l	97
42) 1,2-Dichloroethane	8.677	62	153959	53.873	ug/l	100
43) Isopropyl Acetate	8.694	43	317059	53.857	ug/l	99
44) Trichloroethene	9.359	130	119433	53.458	ug/l	98
45) 1,2-Dichloropropane	9.624	63	124231	54.196	ug/l	100
46) Dibromomethane	9.712	93	85919	56.431	ug/l	99
47) Bromodichloromethane	9.894	83	175093	55.894	ug/l	99
48) Methyl methacrylate	9.682	41	143734	53.046	ug/l	98
49) 1,4-Dioxane	9.706	88	58859	1194.044	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	995984	281.028	ug/l	99
52) Toluene	10.629	92	310797	53.976	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	191765	54.745	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	203300	54.242	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	123723	55.842	ug/l	98
56) Ethyl methacrylate	10.882	69	209075	59.246	ug/l	96
57) 1,3-Dichloropropane	11.165	76	212617	55.319	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	621634	295.338	ug/l	100
59) 2-Hexanone	11.200	43	661460	289.751	ug/l	94
60) Dibromochloromethane	11.359	129	132918	57.580	ug/l	100
61) 1,2-Dibromoethane	11.470	107	127444	56.119	ug/l	98
64) Tetrachloroethene	11.106	164	91667	50.534	ug/l	95
65) Chlorobenzene	11.894	112	336350	53.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	113463	55.835	ug/l	100
67) Ethyl Benzene	11.965	91	576593	52.952	ug/l	100
68) m/p-Xylenes	12.070	106	444183	106.561	ug/l	100
69) o-Xylene	12.400	106	219424	54.963	ug/l	98
70) Styrene	12.412	104	377725	55.293	ug/l	99
71) Bromoform	12.576	173	89676	59.559	ug/l #	100
73) Isopropylbenzene	12.694	105	534031	51.622	ug/l	100
74) N-amyl acetate	12.512	43	188759	52.216	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	200820	57.301	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	174388m	51.664	ug/l	
77) Bromobenzene	12.982	156	131869	55.583	ug/l	99
78) n-propylbenzene	13.035	91	643398	51.178	ug/l	99
79) 2-Chlorotoluene	13.123	91	394854	52.371	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	443398	51.914	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	72331	49.328	ug/l	97
82) 4-Chlorotoluene	13.223	91	406685	53.310	ug/l	100
83) tert-Butylbenzene	13.435	119	396615	50.730	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	447506	52.251	ug/l	99
85) sec-Butylbenzene	13.611	105	549887	48.432	ug/l	100
86) p-Isopropyltoluene	13.729	119	459716	48.982	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	253292	54.264	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	252880	53.138	ug/l	99
89) n-Butylbenzene	14.053	91	422802	46.509	ug/l	99
90) Hexachloroethane	14.329	117	83746	52.642	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	244439	54.507	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45867	54.724	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	141753	49.501	ug/l	100
94) Hexachlorobutadiene	15.500	225	44722	41.918	ug/l	100
95) Naphthalene	15.641	128	576105	54.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	138678	48.742	ug/l	99

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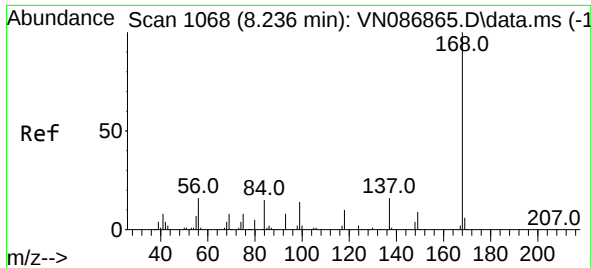
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
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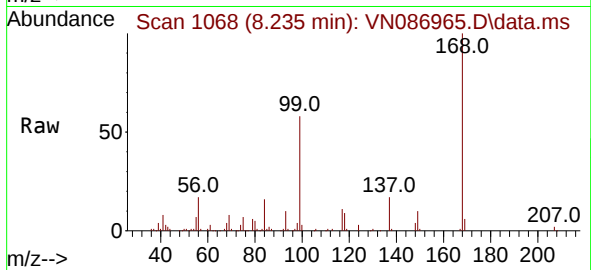
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
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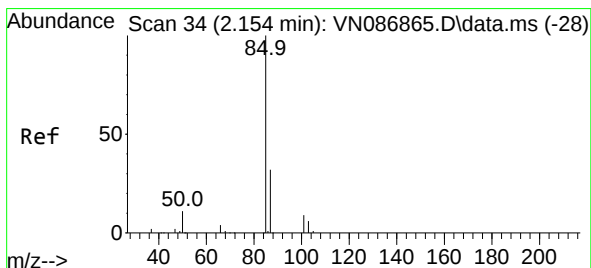
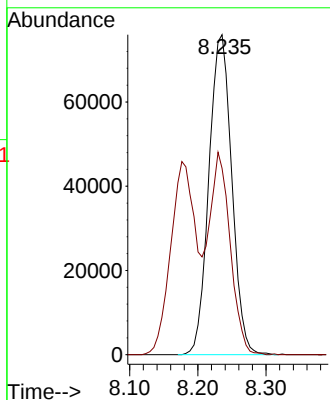
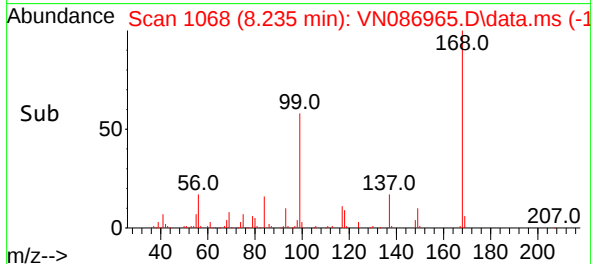
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 177574
Ion Ratio Lower Upper
168 100
99 58.2 49.1 73.7

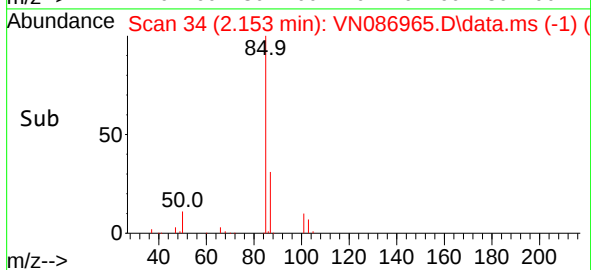
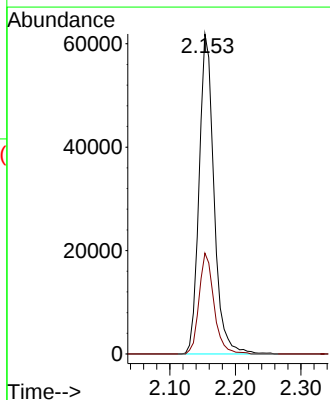
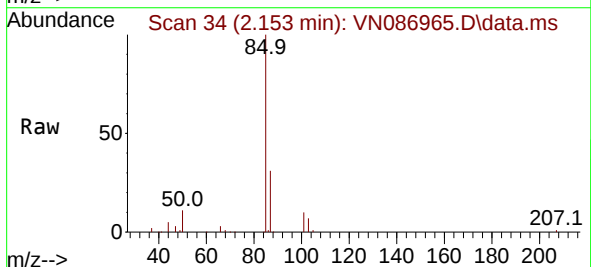
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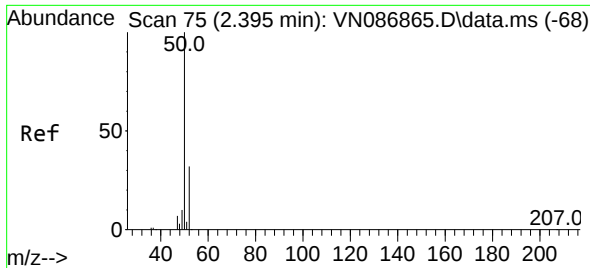
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#2
Dichlorodifluoromethane
Concen: 55.320 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

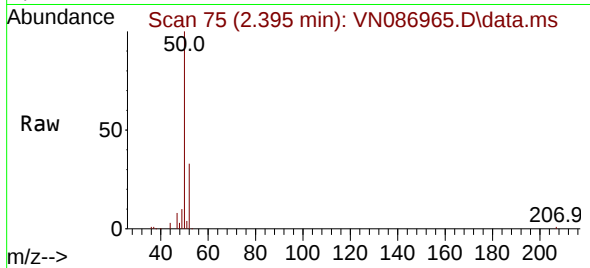
Tgt Ion: 85 Resp: 97946
Ion Ratio Lower Upper
85 100
87 31.5 16.2 48.6





#3
Chloromethane
Concen: 45.148 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

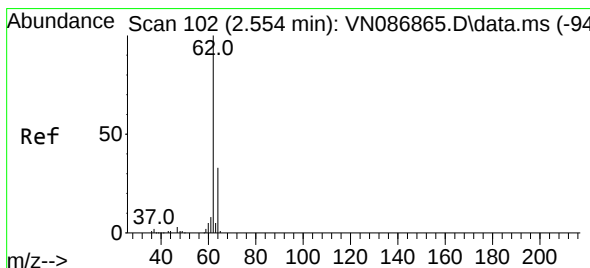
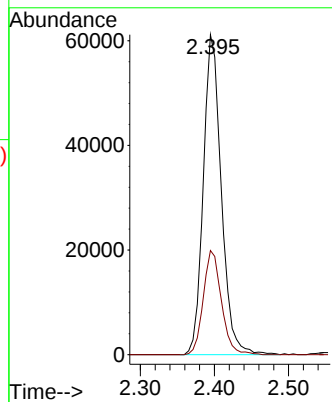
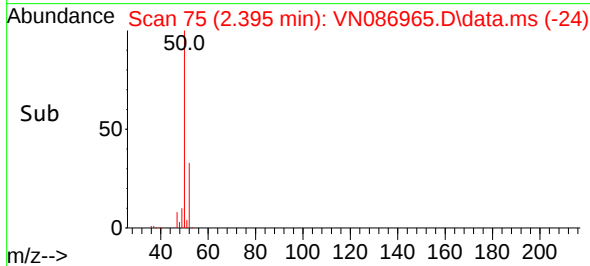
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Tgt Ion: 50 Resp: 10322
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5

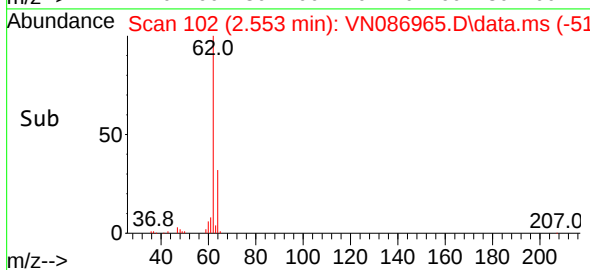
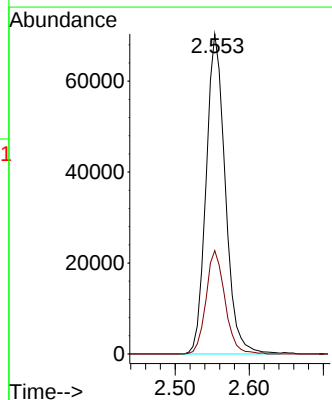
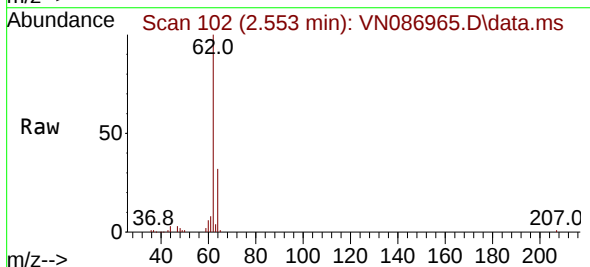
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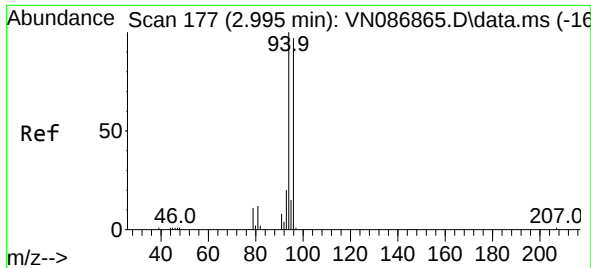
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#4
Vinyl Chloride
Concen: 53.612 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

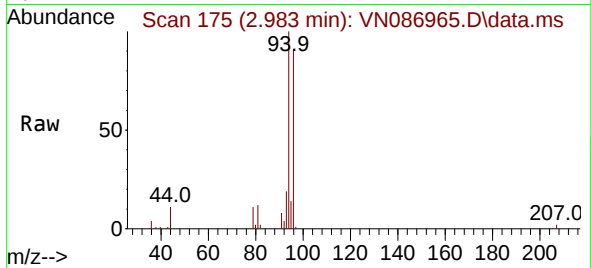
Tgt Ion: 62 Resp: 126441
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5
Bromomethane
Concen: 33.049 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086965.D
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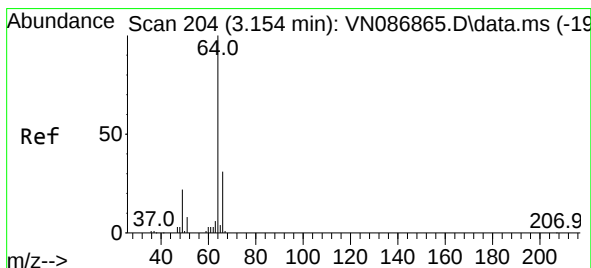
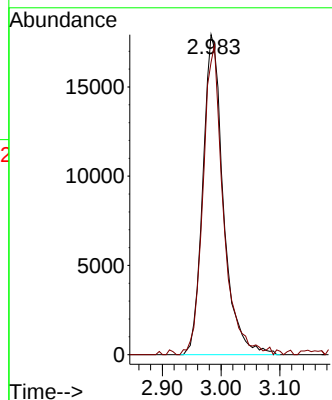
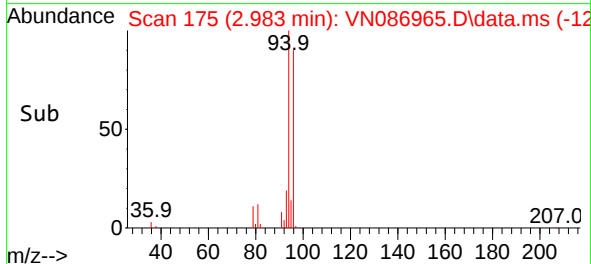
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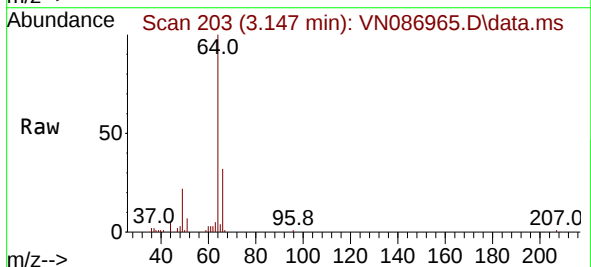
Tgt Ion: 94 Resp: 43618
Ion Ratio Lower Upper
94 100
96 91.4 77.9 116.9

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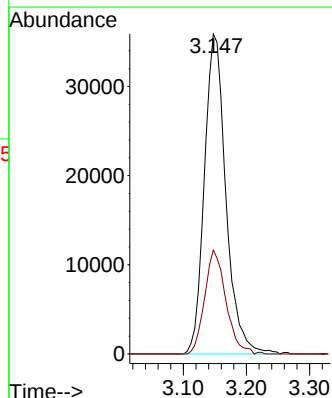
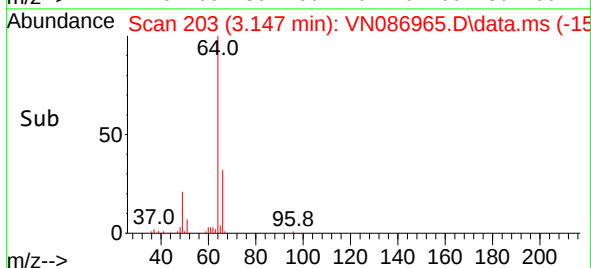
Reviewed By :John Carlone 06/12/2025
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#6
Chloroethane
Concen: 55.606 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN086965.D
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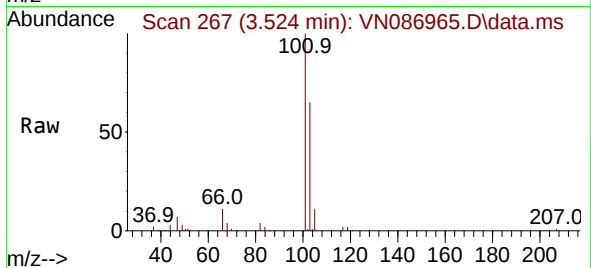
Tgt Ion: 64 Resp: 84712
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 55.827 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN086965.D
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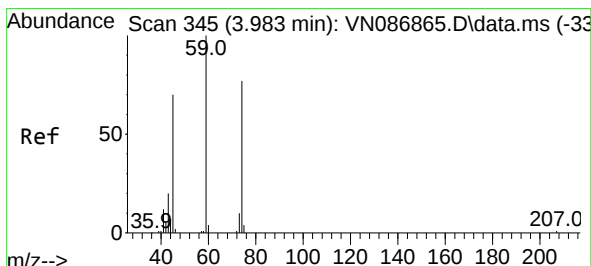
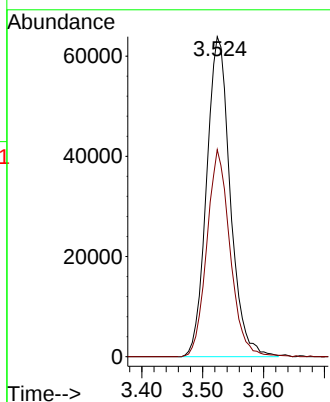
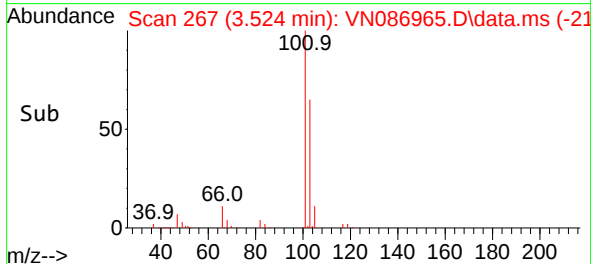
Instrument :
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 VSTDCCC050EC



Tgt Ion:101 Resp: 172024
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.2

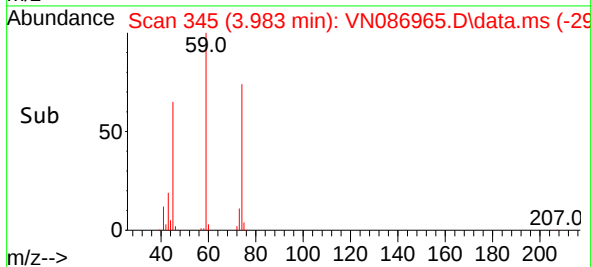
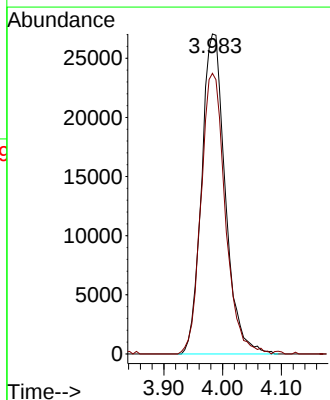
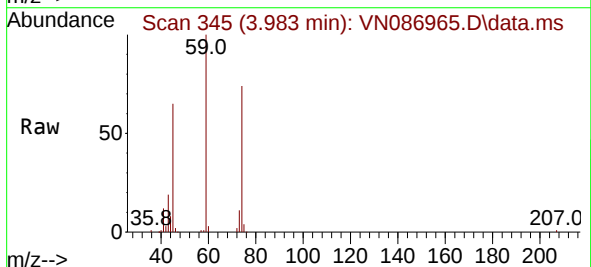
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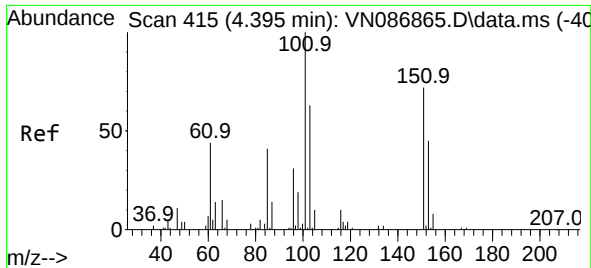
Reviewed By :John Carlone 06/12/2025
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#8
 Diethyl Ether
 Concen: 56.330 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 75627
 Ion Ratio Lower Upper
 74 100
 45 89.7 45.5 136.5





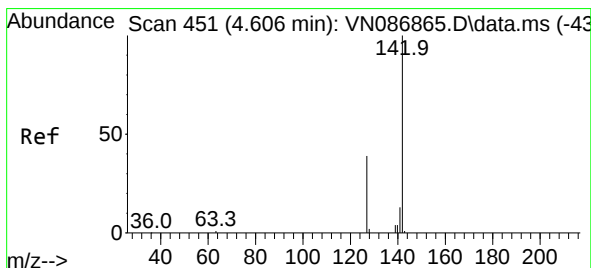
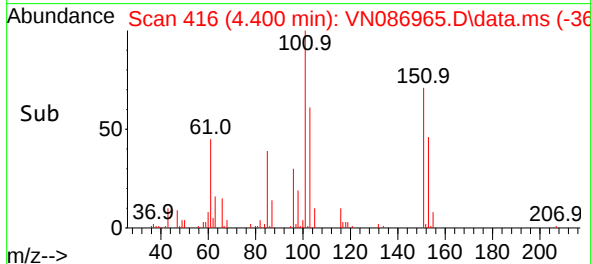
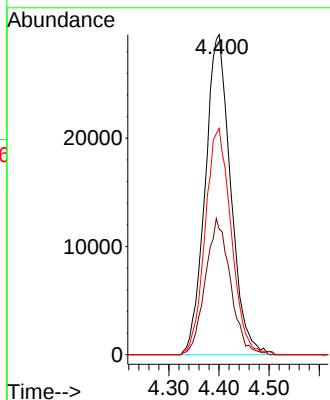
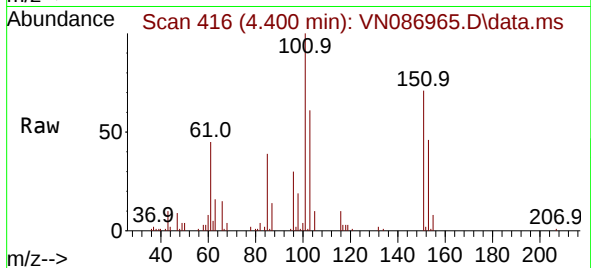
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.851 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 104252
Ion Ratio Lower Upper
101 100
85 41.8 33.8 50.8
151 72.4 58.7 88.1

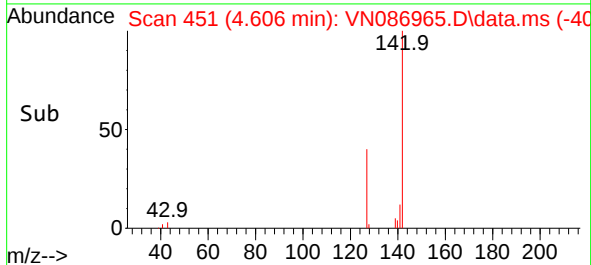
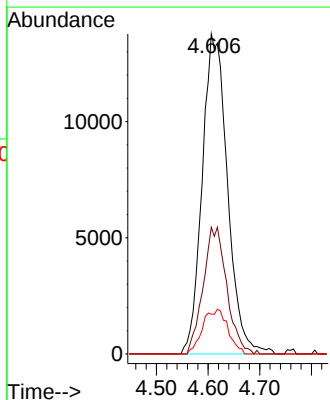
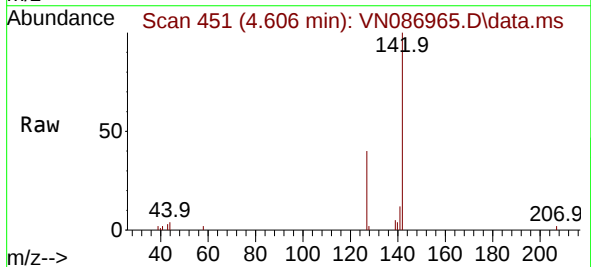
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#10
Methyl Iodide
Concen: 18.649 ug/l
RT: 4.606 min Scan# 451
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

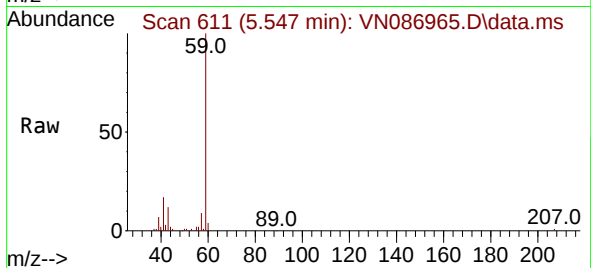
Tgt Ion:142 Resp: 46802
Ion Ratio Lower Upper
142 100
127 39.6 30.9 46.3
141 12.5 10.4 15.6





#11
Tert butyl alcohol
Concen: 280.391 ug/l
RT: 5.547 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

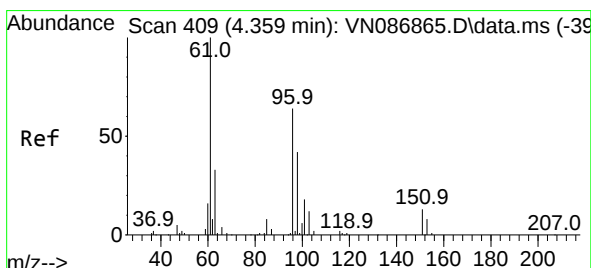
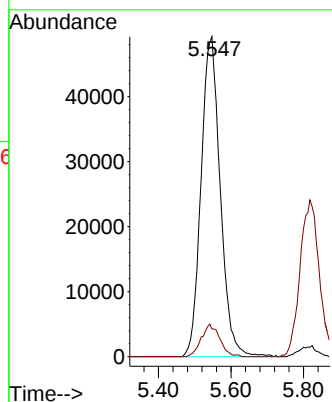
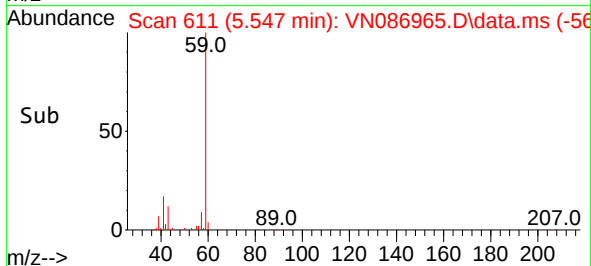
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



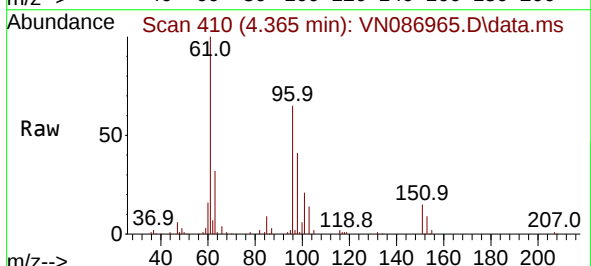
Tgt Ion: 59 Resp: 180885
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1

Manual Integrations
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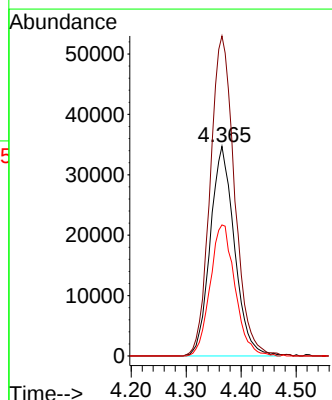
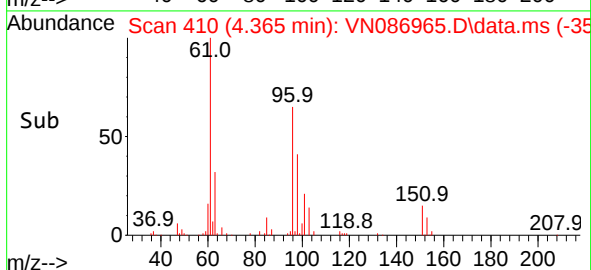
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

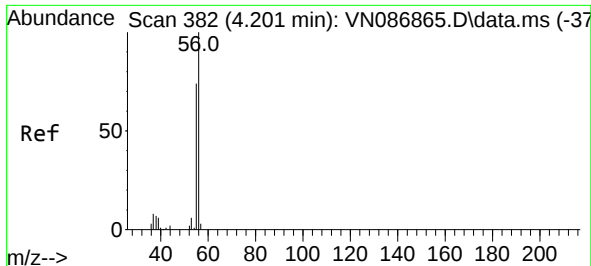


#12
1,1-Dichloroethene
Concen: 53.824 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



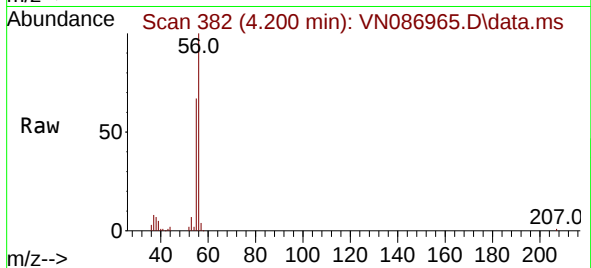
Tgt Ion: 96 Resp: 106380
Ion Ratio Lower Upper
96 100
61 152.7 125.8 188.6
98 62.5 52.5 78.7





#13
Acrolein
Concen: 746.633 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

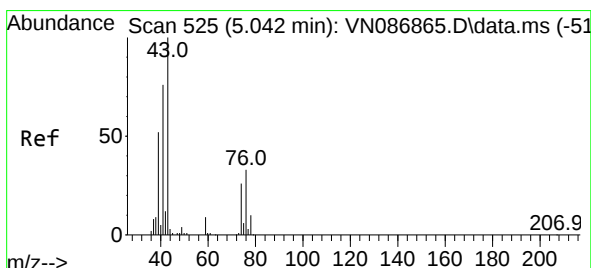
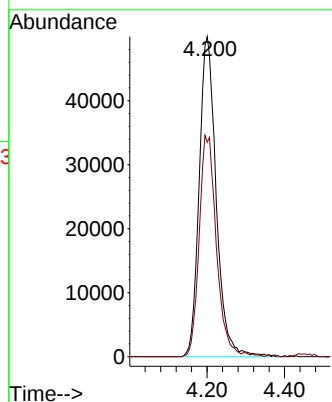
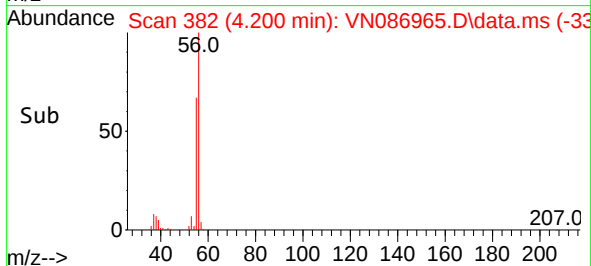
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



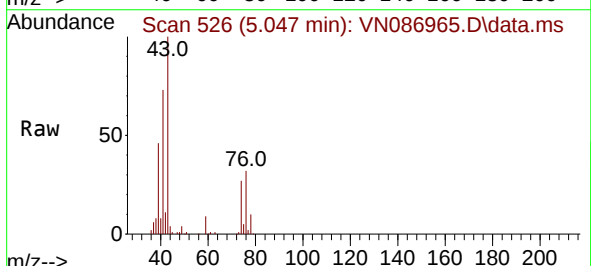
Tgt Ion: 56 Resp: 152464
Ion Ratio Lower Upper
56 100
55 69.4 55.6 83.4

Manual Integrations
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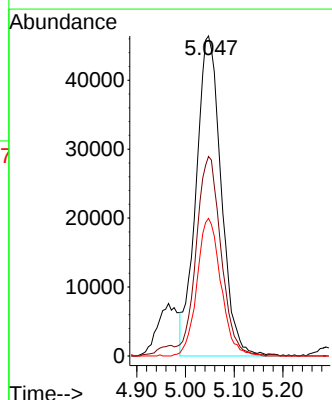
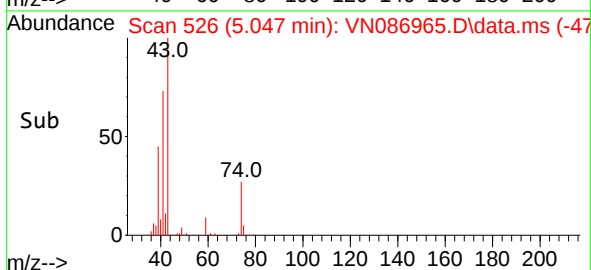
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

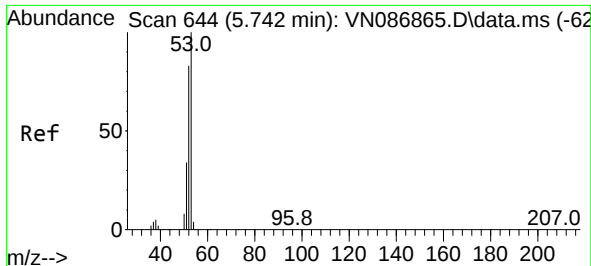


#14
Allyl chloride
Concen: 50.921 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



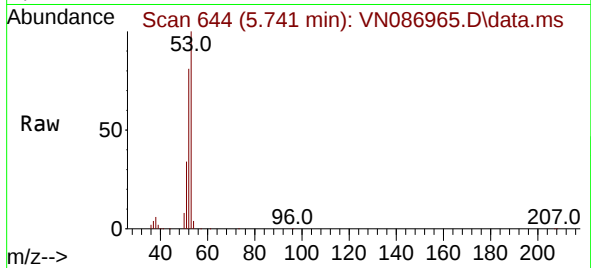
Tgt Ion: 41 Resp: 166911
Ion Ratio Lower Upper
41 100
39 61.7 51.3 76.9
76 40.8 31.4 47.0





#15
Acrylonitrile
Concen: 280.476 ug/l
RT: 5.741 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

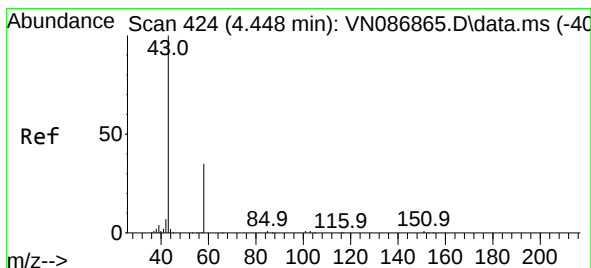
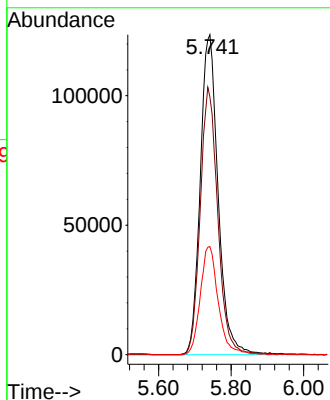
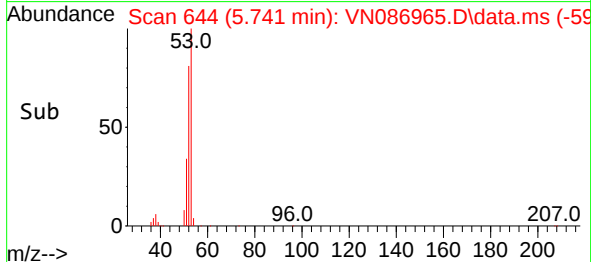
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 422921
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.6
51 34.0 27.2 40.8

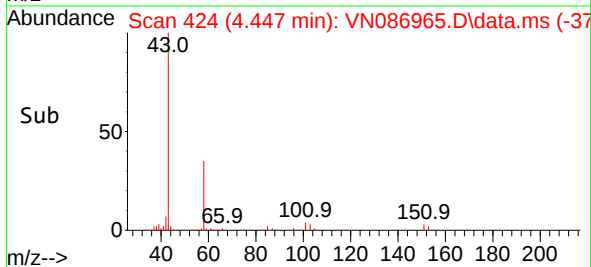
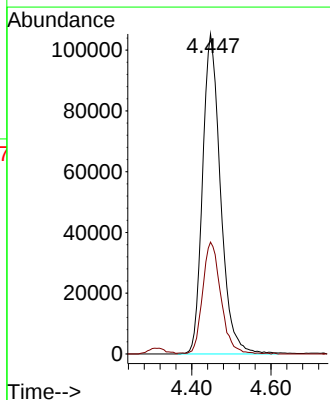
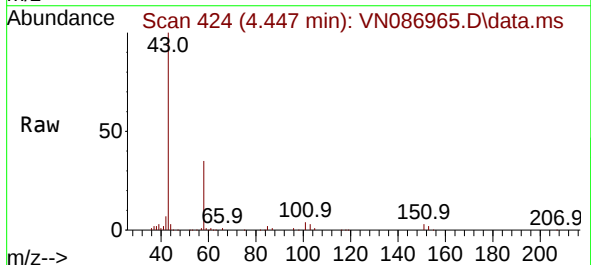
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#16
Acetone
Concen: 262.661 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

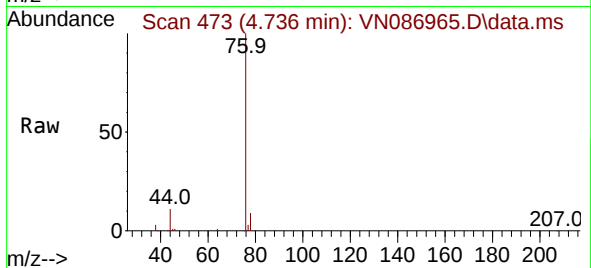
Tgt Ion: 43 Resp: 331168
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0





#17
Carbon Disulfide
Concen: 49.127 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

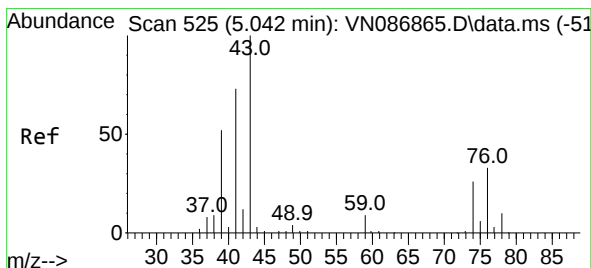
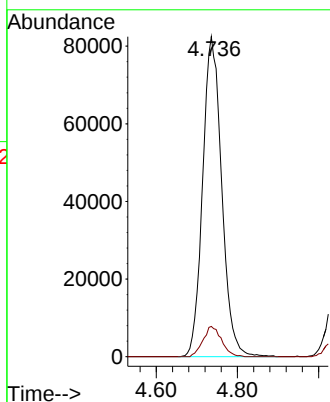
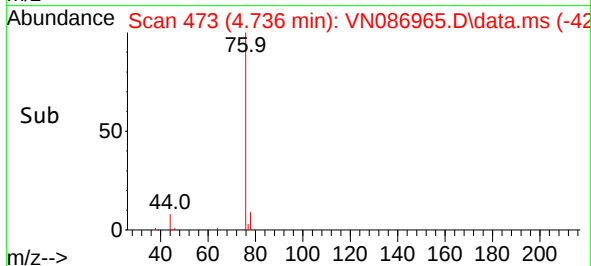
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 268580
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

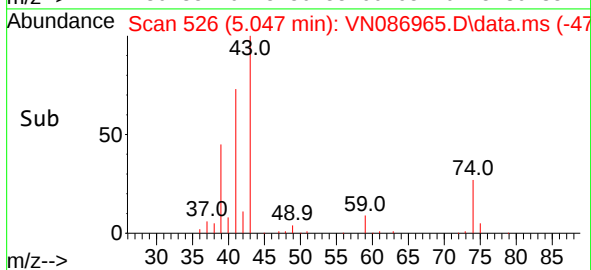
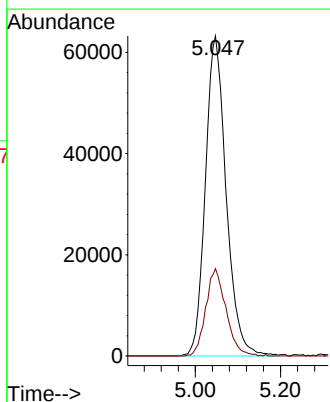
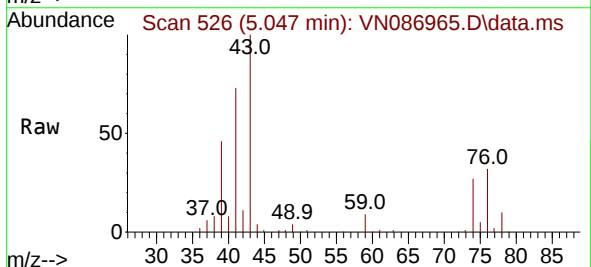
Manual Integrations
APPROVED

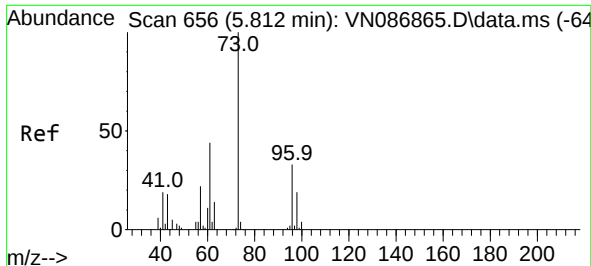
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#18
Methyl Acetate
Concen: 58.328 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 43 Resp: 214312
Ion Ratio Lower Upper
43 100
74 26.6 20.7 31.1





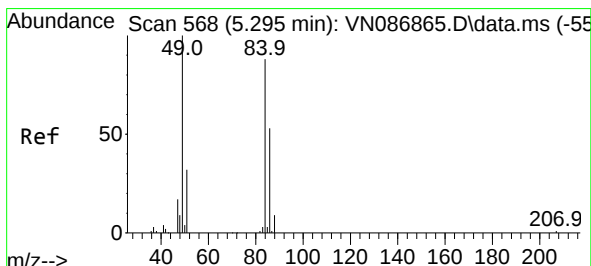
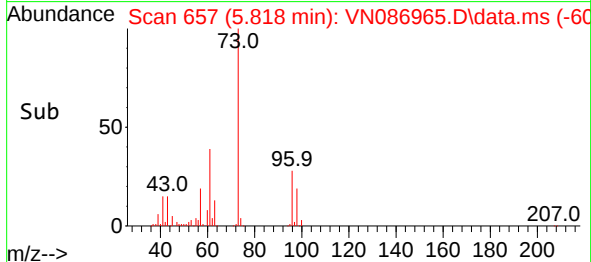
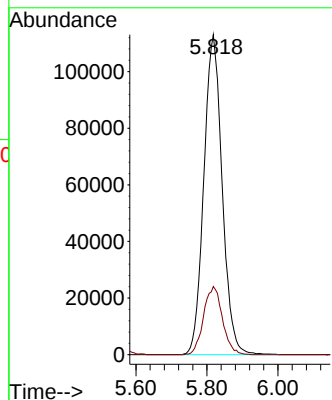
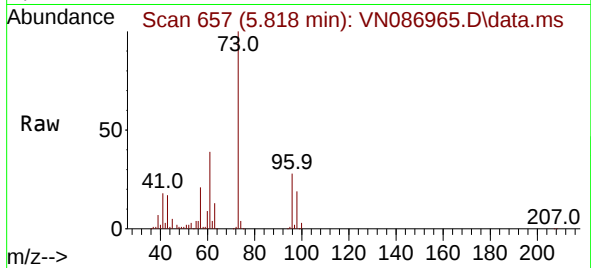
#19
Methyl tert-butyl Ether
Concen: 56.790 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 40640
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2

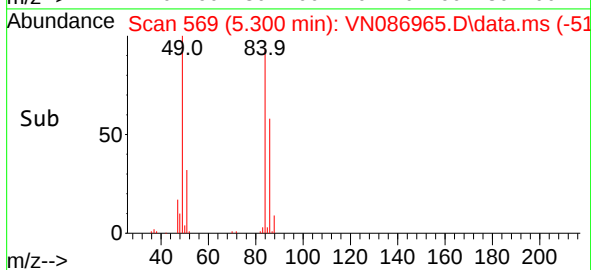
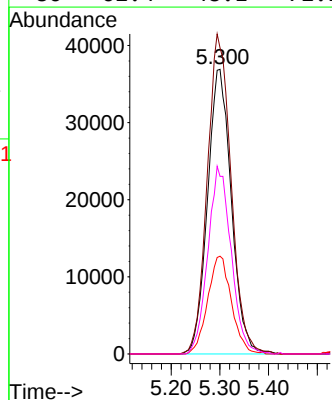
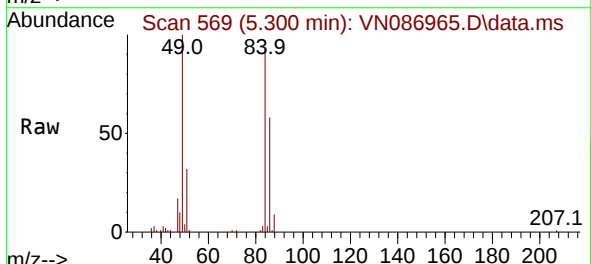
Manual Integrations
APPROVED

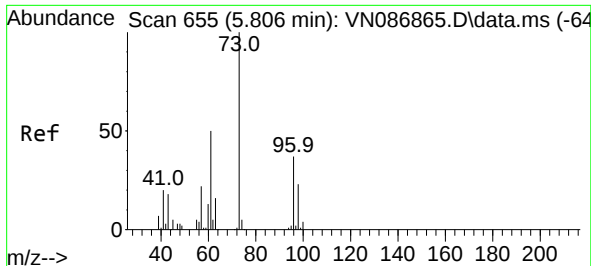
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#20
Methylene Chloride
Concen: 53.166 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

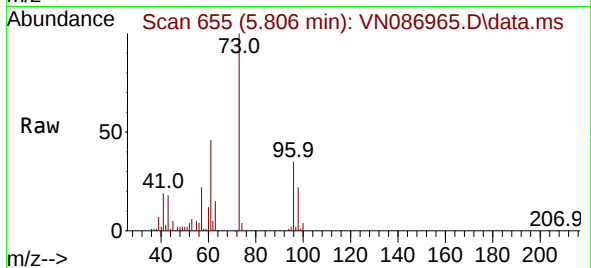
Tgt Ion: 84 Resp: 125496
Ion Ratio Lower Upper
84 100
49 107.5 90.5 135.7
51 34.3 28.5 42.7
86 62.4 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 52.697 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

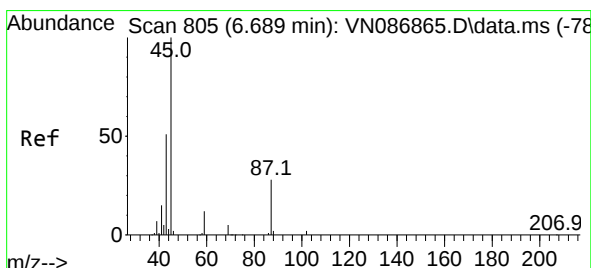
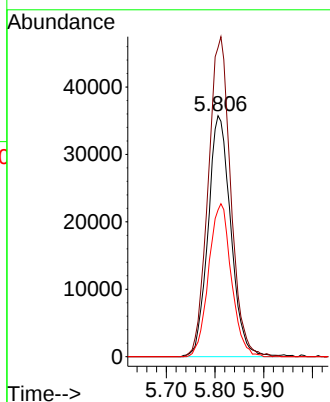
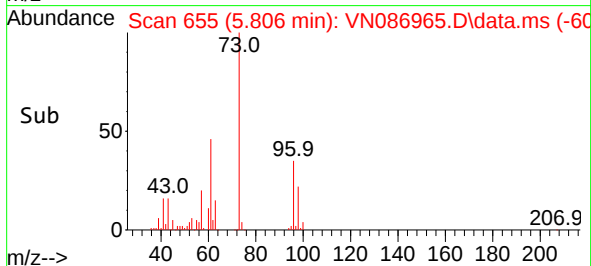
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



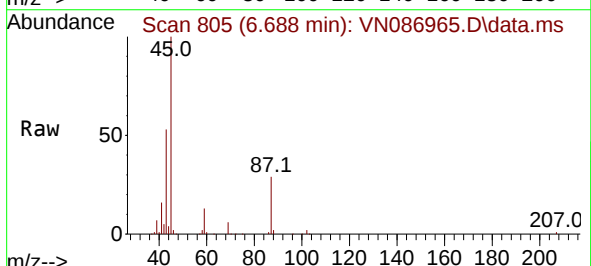
Tgt Ion: 96 Resp: 115879
Ion Ratio Lower Upper
96 100
61 128.3 109.2 163.8
98 60.9 49.8 74.8

Manual Integrations
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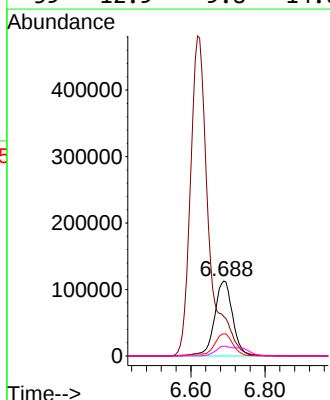
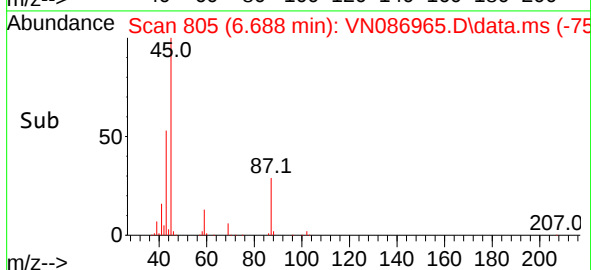
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#22
Diisopropyl ether
Concen: 55.291 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



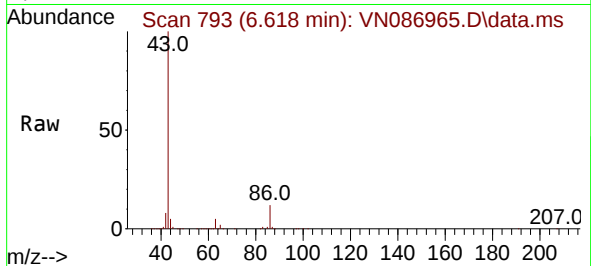
Tgt Ion: 45 Resp: 382028
Ion Ratio Lower Upper
45 100
43 52.3 41.9 62.9
87 29.5 22.4 33.6
59 12.9 9.8 14.6





#23
 Vinyl Acetate
 Concen: 278.142 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

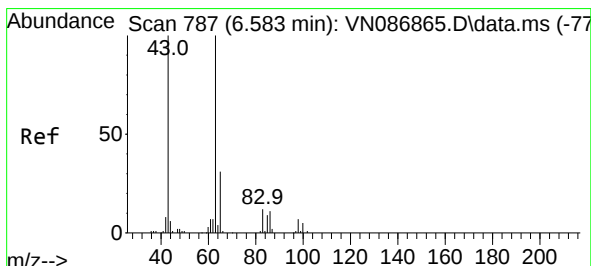
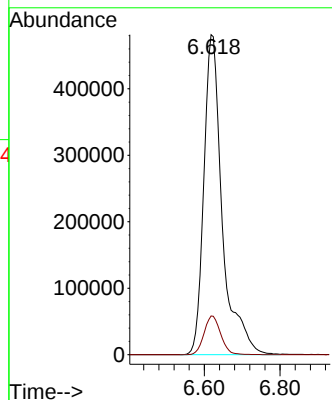
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 162370
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.5 14.3

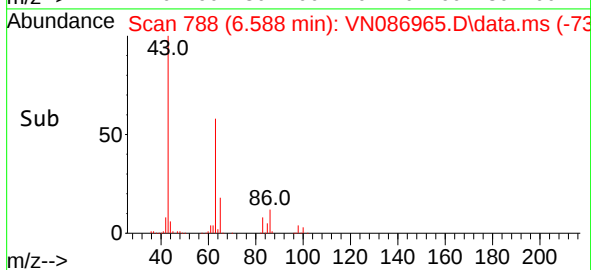
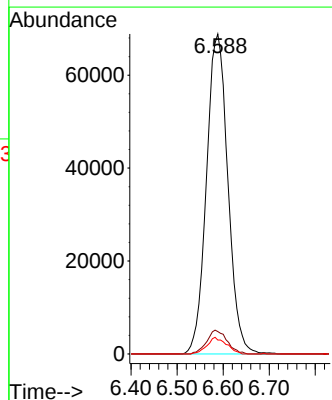
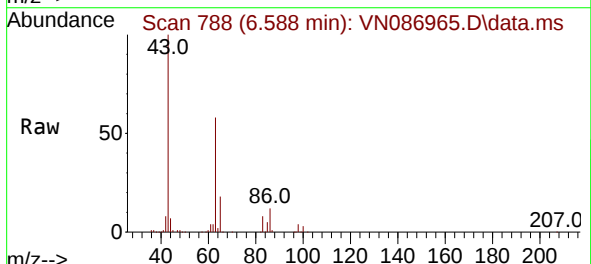
Manual Integrations
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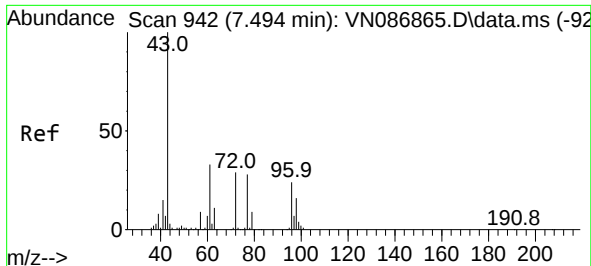
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#24
 1,1-Dichloroethane
 Concen: 56.057 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

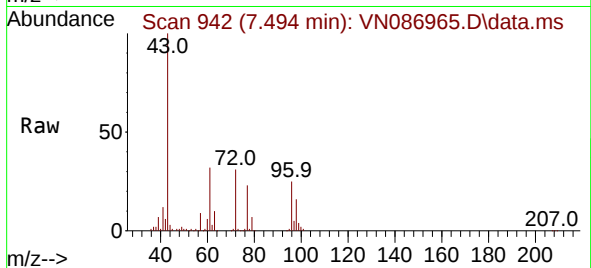
Tgt Ion: 63 Resp: 222894
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.3 2.6 7.8





#25
2-Butanone
Concen: 272.256 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

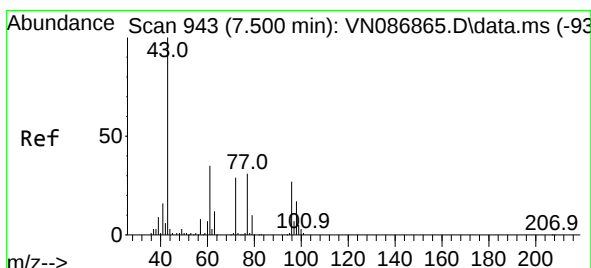
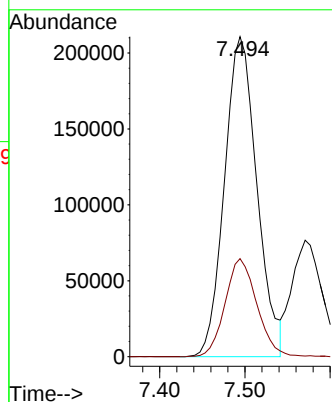
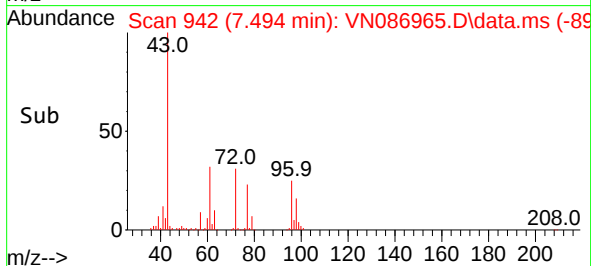
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 557960
Ion Ratio Lower Upper
43 100
72 30.6 23.0 34.6

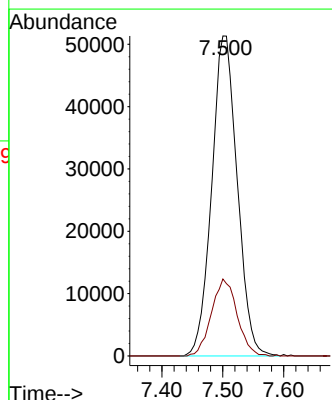
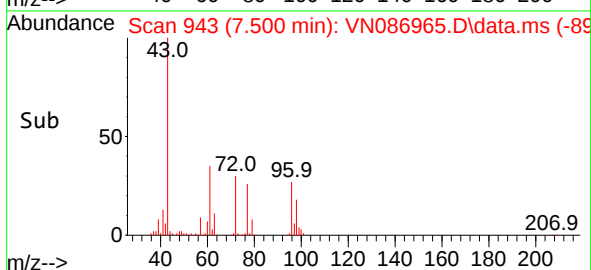
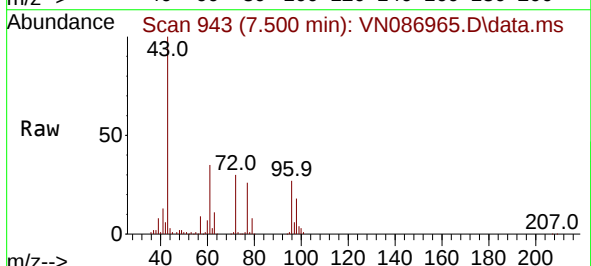
Manual Integrations
APPROVED

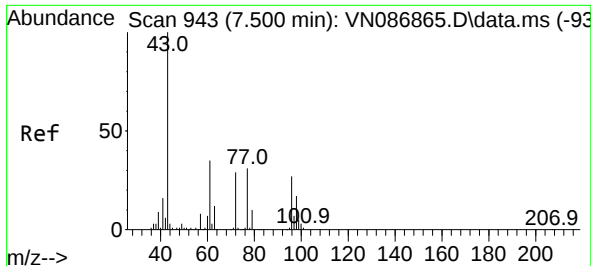
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#26
2,2-Dichloropropane
Concen: 48.315 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

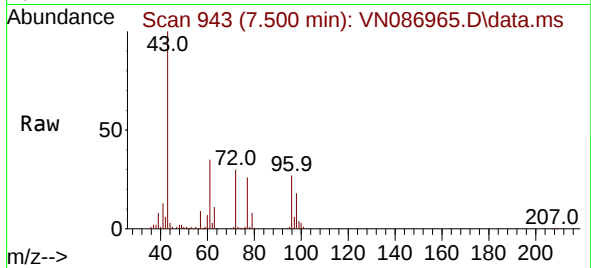
Tgt Ion: 77 Resp: 149440
Ion Ratio Lower Upper
77 100
97 24.1 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 55.654 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

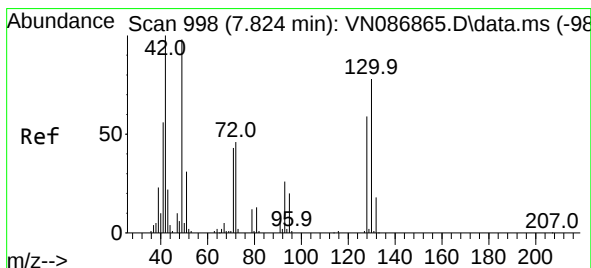
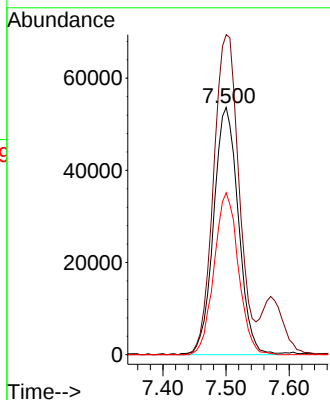
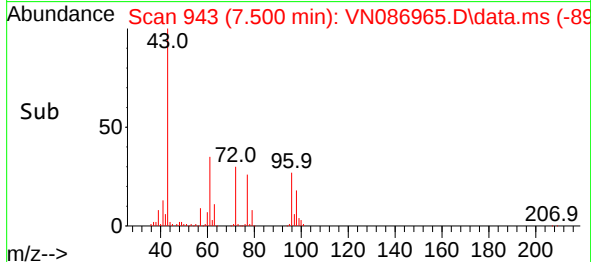
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 146360
Ion Ratio Lower Upper
96 100
61 132.9 0.0 278.0
98 64.2 0.0 128.2

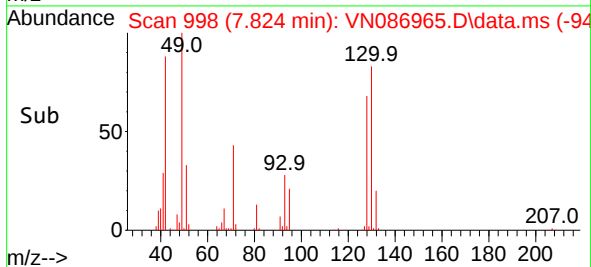
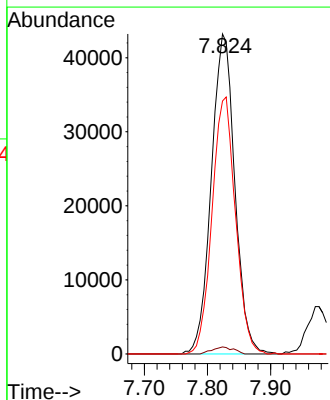
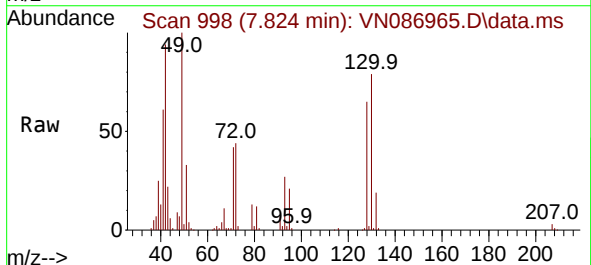
Manual Integrations
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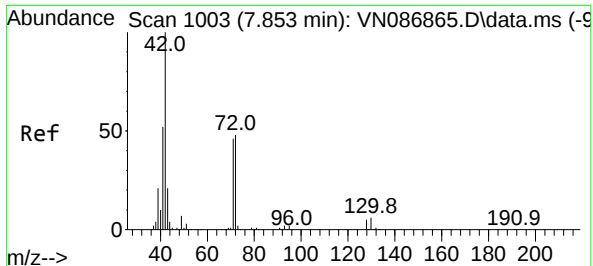
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#28
Bromochloromethane
Concen: 57.211 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 49 Resp: 111849
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 79.9 62.2 93.2





#29

Tetrahydrofuran

Concen: 270.436 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 361040

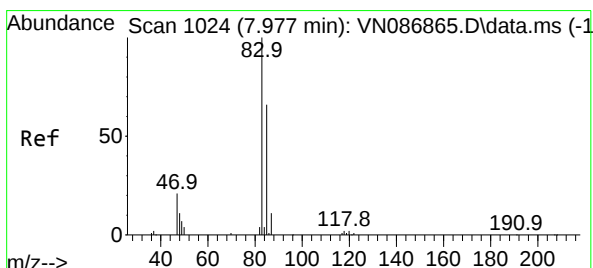
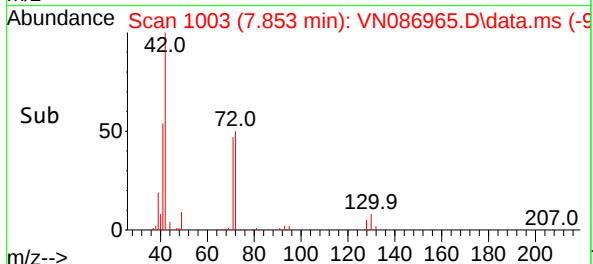
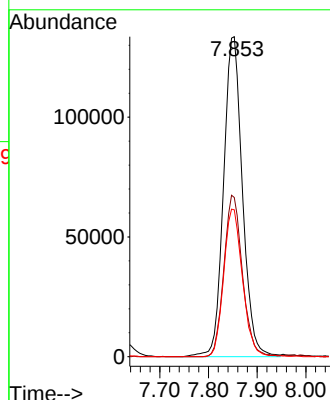
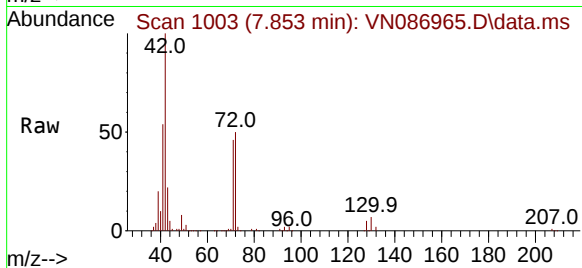
Ion	Ratio	Lower	Upper
42	100		
72	49.5	37.8	56.6
71	46.0	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#30

Chloroform

Concen: 55.175 ug/l

RT: 7.977 min Scan# 1024

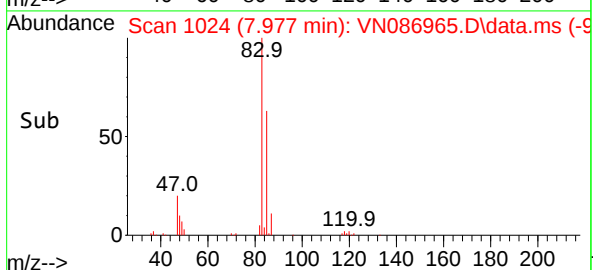
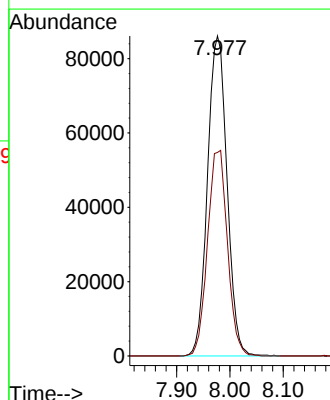
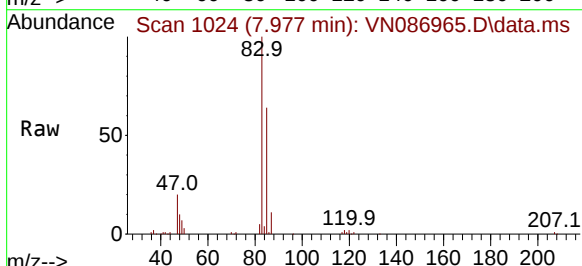
Delta R.T. -0.000 min

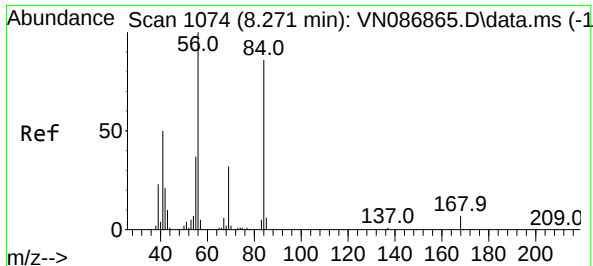
Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Tgt Ion: 83 Resp: 219091

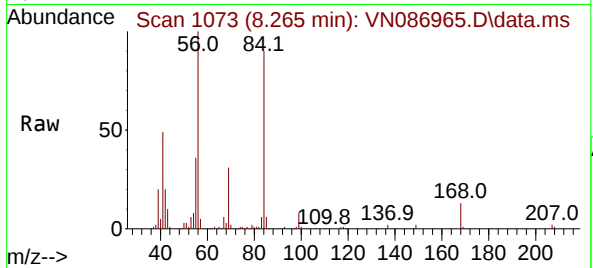
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.9	79.3





#31
Cyclohexane
Concen: 47.071 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

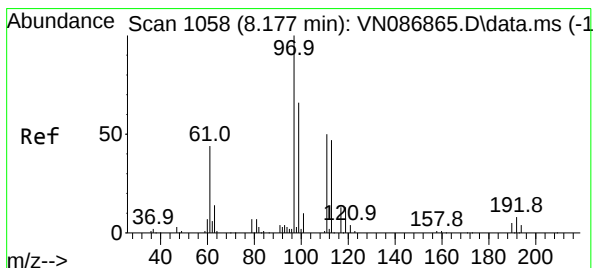
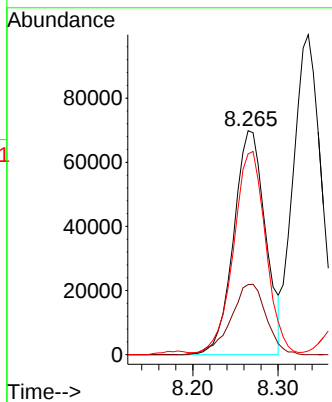
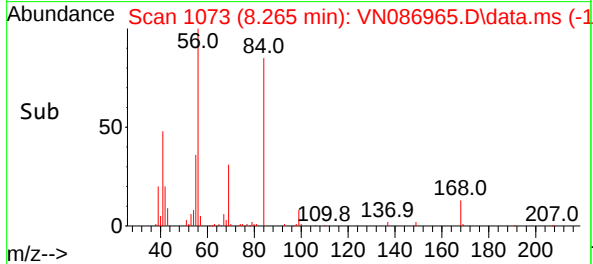
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 181510
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.0
84 88.0 68.8 103.2

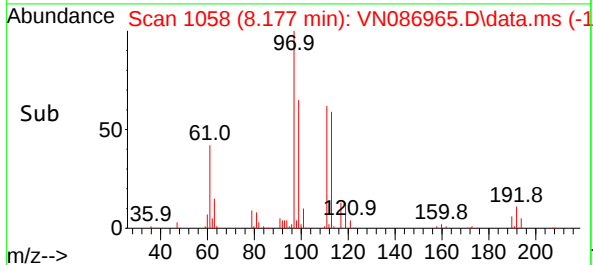
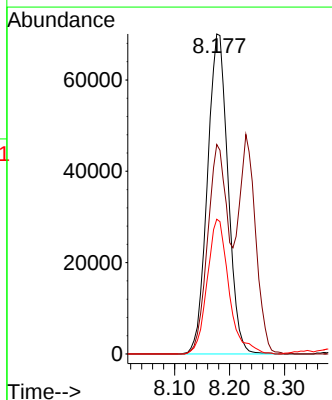
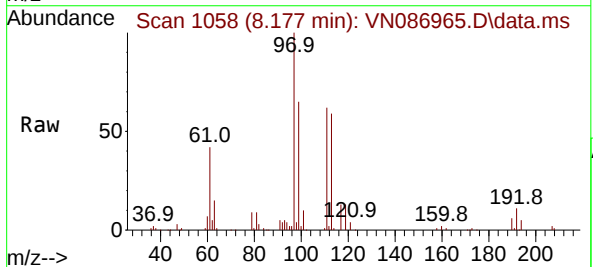
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APPROVED

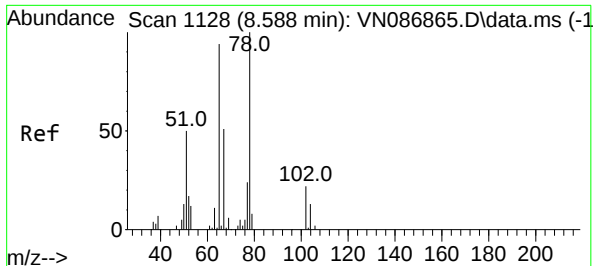
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#32
1,1,1-Trichloroethane
Concen: 53.846 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 97 Resp: 181857
Ion Ratio Lower Upper
97 100
99 65.4 52.0 78.0
61 44.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 52.069 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12379

Ion Ratio Lower Upper

65 100

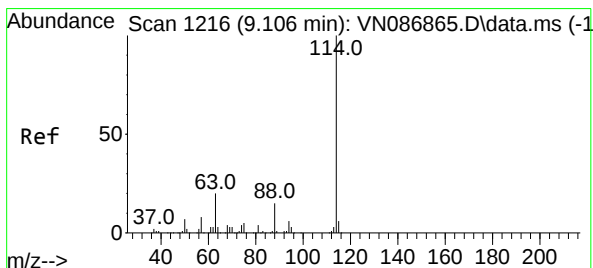
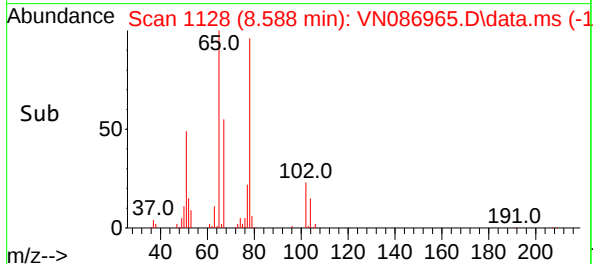
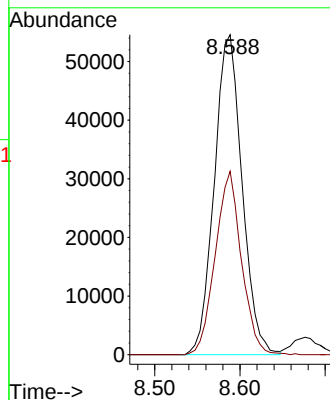
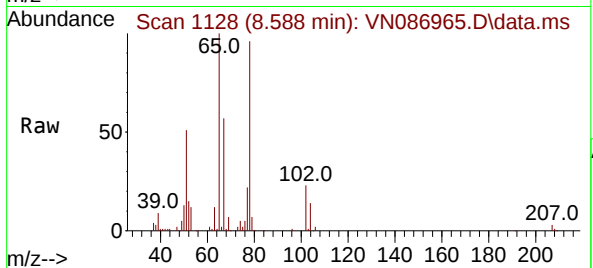
67 54.0 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

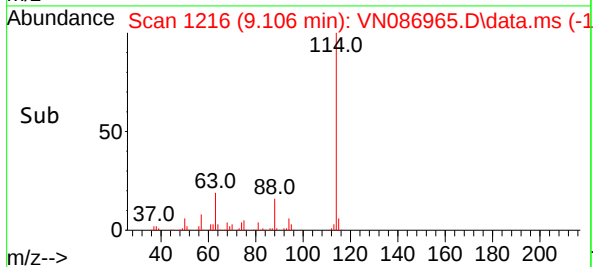
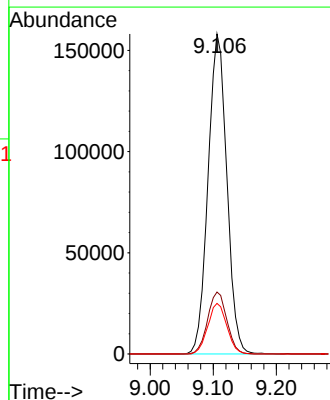
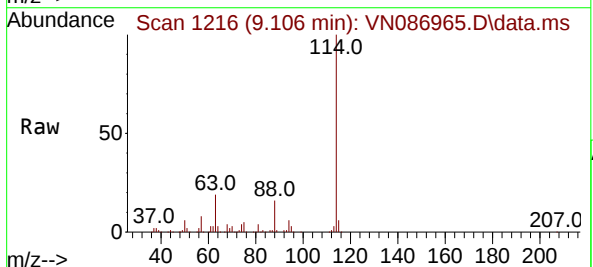
Tgt Ion:114 Resp: 326287

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.8 0.0 30.2





#35
Dibromofluoromethane
Concen: 53.000 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

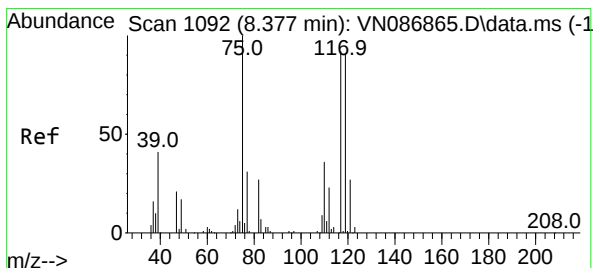
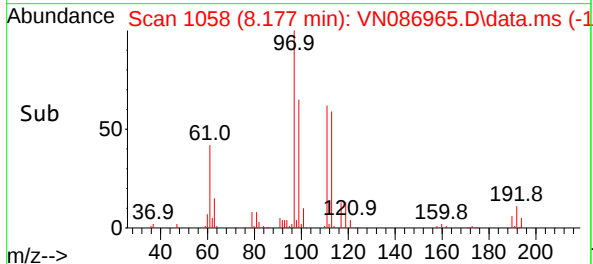
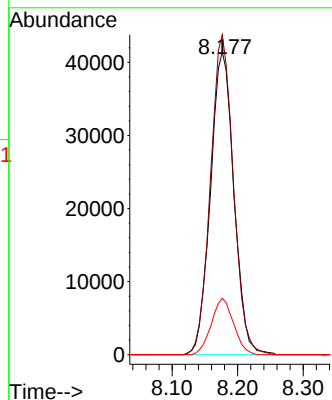
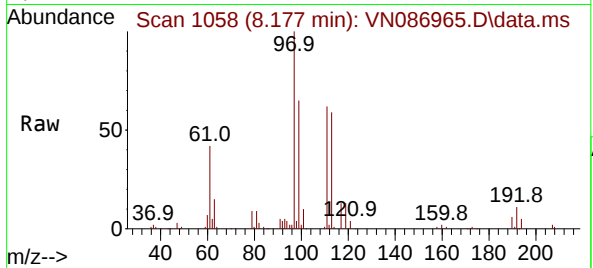
VSTDCCC050EC

Tgt Ion:113 Resp: 102484
Ion Ratio Lower Upper
113 100
111 103.4 84.2 126.2
192 17.7 14.2 21.4

Manual Integrations

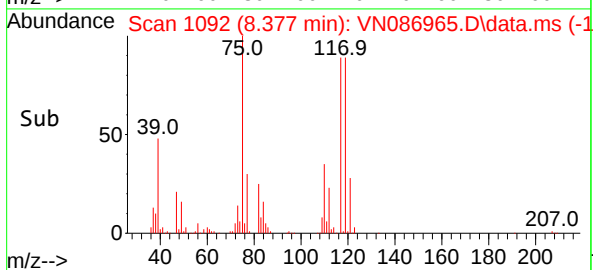
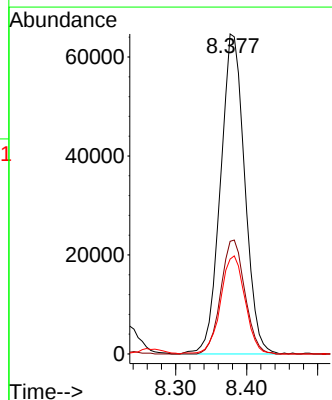
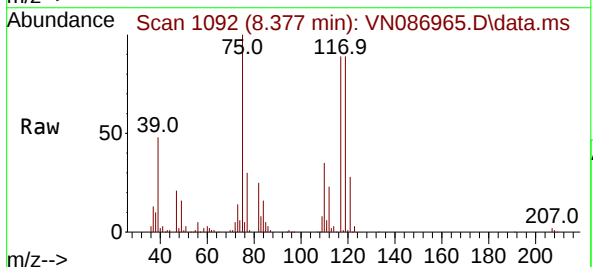
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#36
1,1-Dichloropropene
Concen: 53.121 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

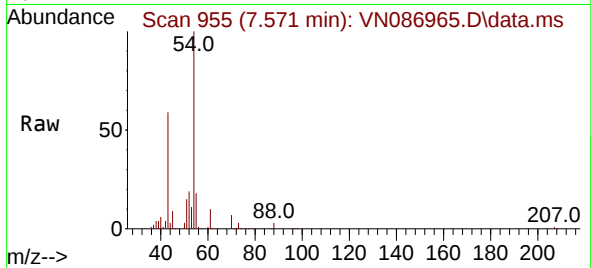
Tgt Ion: 75 Resp: 153059
Ion Ratio Lower Upper
75 100
110 35.4 17.6 52.9
77 31.0 25.3 37.9





#37
Ethyl Acetate
Concen: 53.483 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

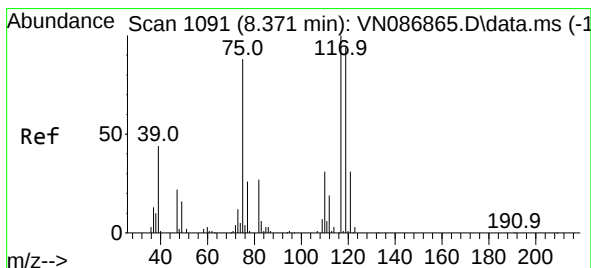
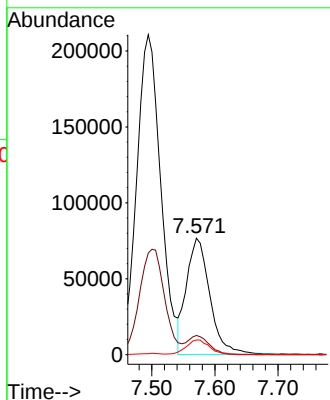
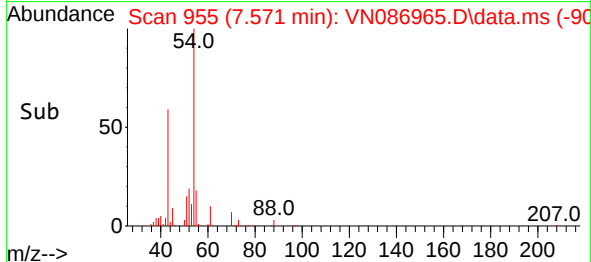
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 19617
Ion Ratio Lower Upper
43 100
61 15.7 12.1 18.1
70 12.7 9.8 14.6

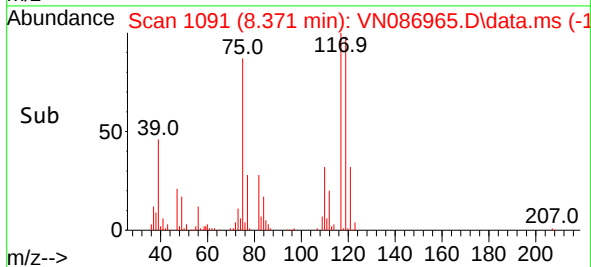
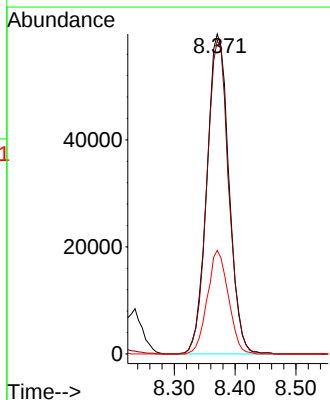
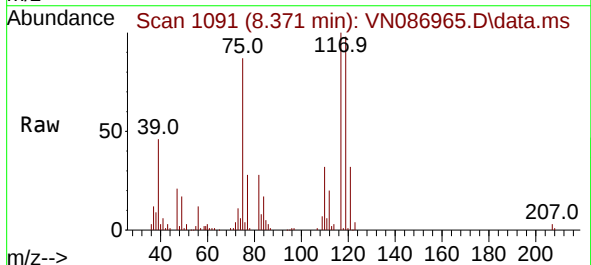
Manual Integrations
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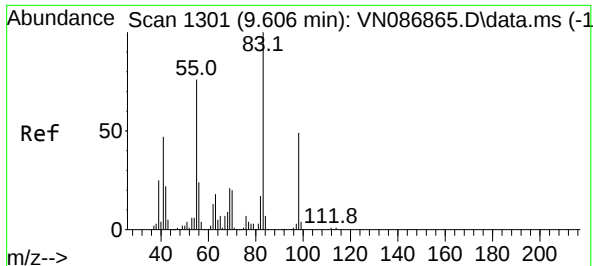
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#38
Carbon Tetrachloride
Concen: 53.303 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:117 Resp: 150782
Ion Ratio Lower Upper
117 100
119 97.9 75.0 112.6
121 32.3 24.9 37.3





#39

Methylcyclohexane

Concen: 44.605 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 176079

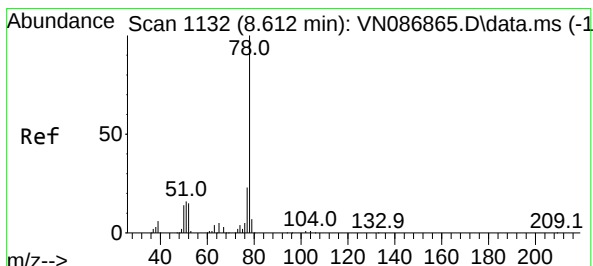
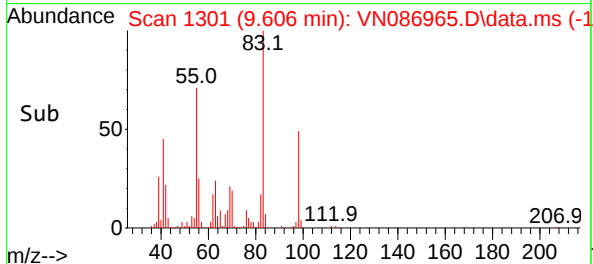
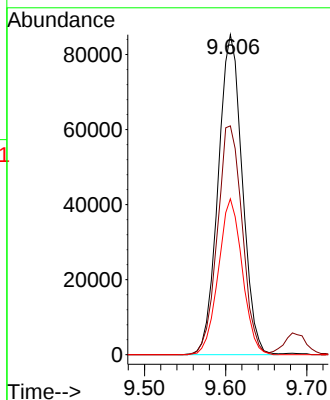
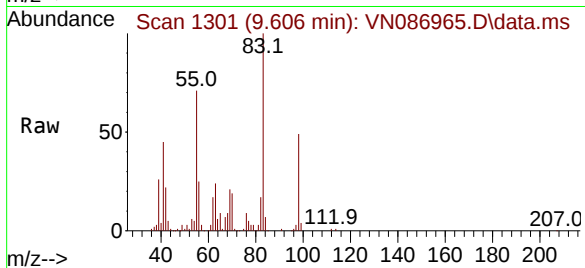
Ion	Ratio	Lower	Upper
83	100		
55	71.5	61.0	91.6
98	48.7	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#40

Benzene

Concen: 53.695 ug/l

RT: 8.612 min Scan# 1132

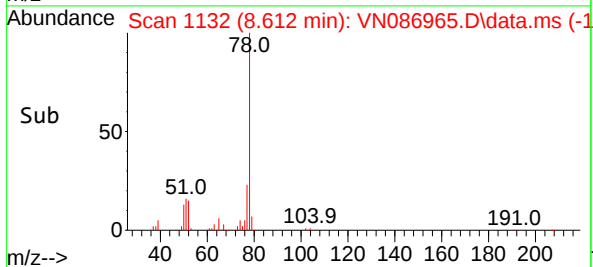
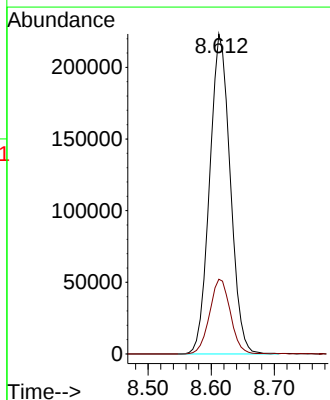
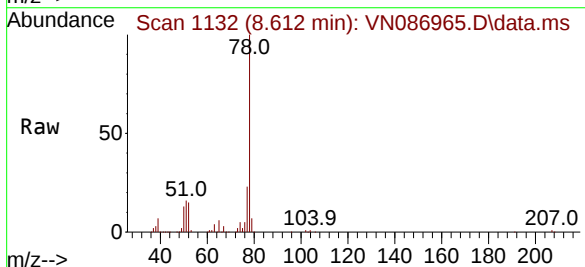
Delta R.T. -0.000 min

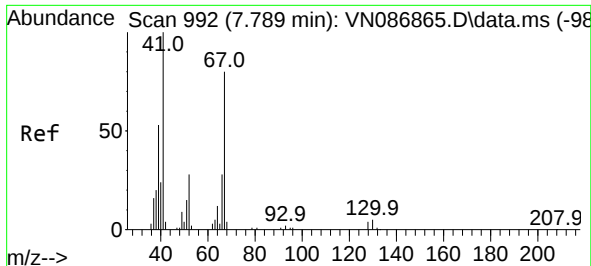
Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Tgt Ion: 78 Resp: 505922

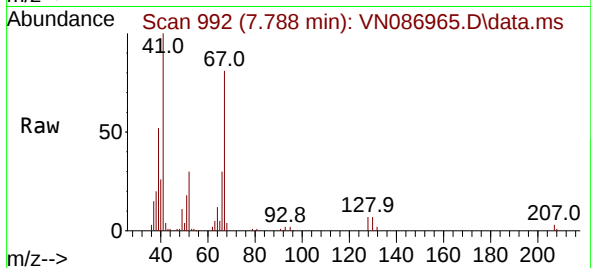
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





#41
Methacrylonitrile
Concen: 54.646 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

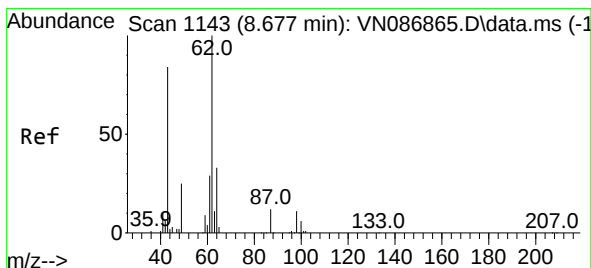
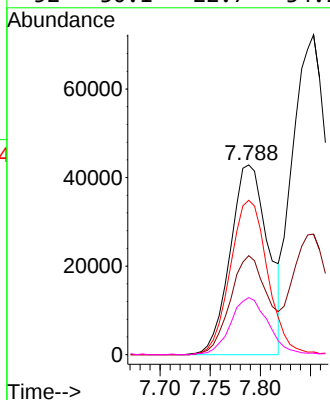
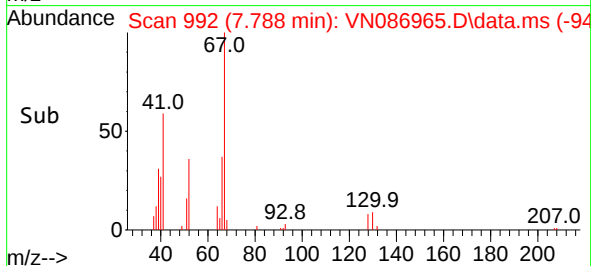
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 11256
Ion Ratio Lower Upper
41 100
39 51.6 41.2 61.8
67 80.7 61.4 92.2
52 30.1 22.7 34.1

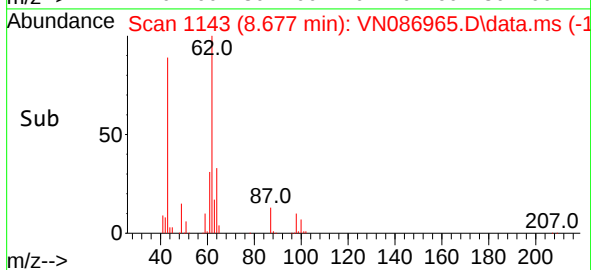
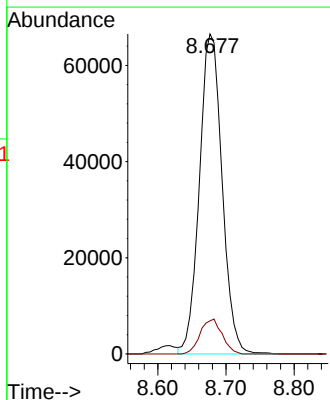
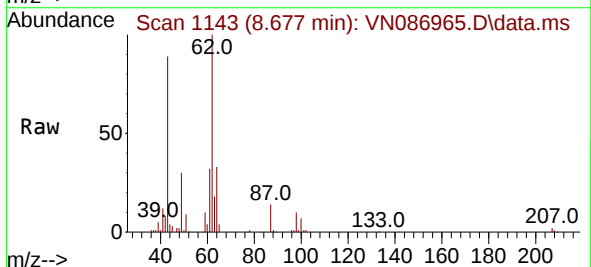
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#42
1,2-Dichloroethane
Concen: 53.873 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

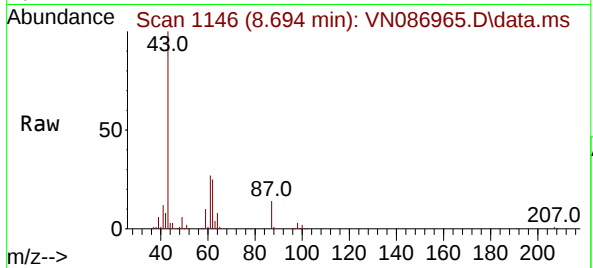
Tgt Ion: 62 Resp: 153959
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.2





#43
Isopropyl Acetate
Concen: 53.857 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

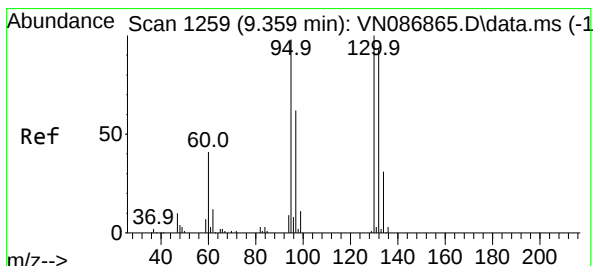
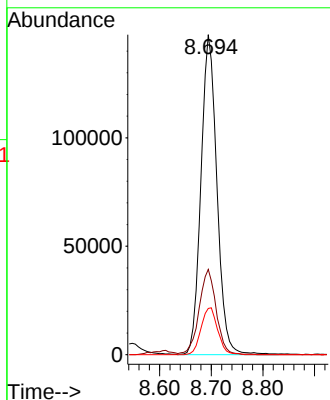
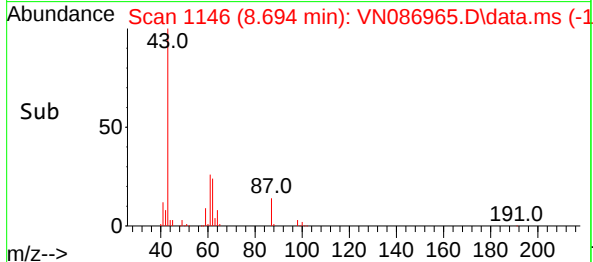
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 317059
Ion Ratio Lower Upper
43 100
61 28.1 22.1 33.1
87 15.2 11.8 17.6

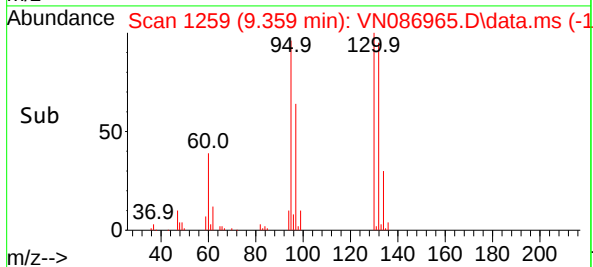
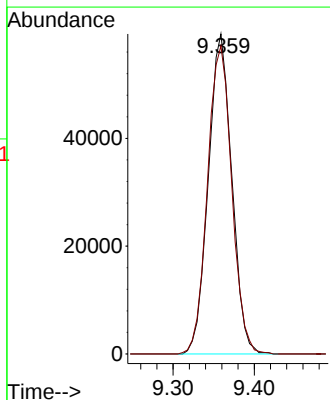
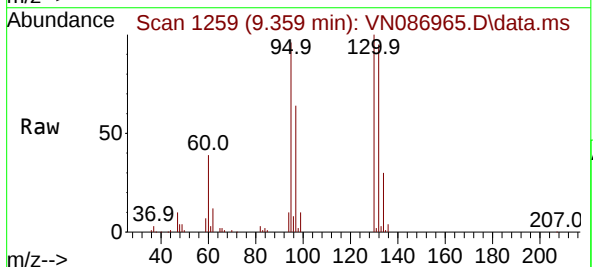
Manual Integrations
APPROVED

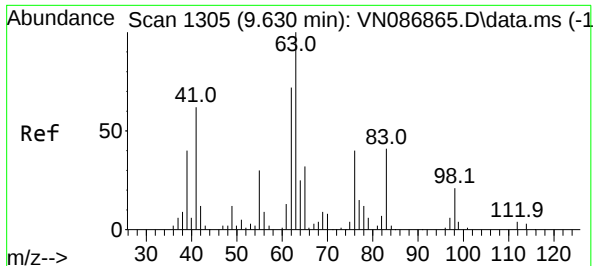
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#44
Trichloroethene
Concen: 53.458 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:130 Resp: 119433
Ion Ratio Lower Upper
130 100
95 96.2 0.0 196.2





#45

1,2-Dichloropropane

Concen: 54.196 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12423

Ion Ratio Lower Upper

63 100

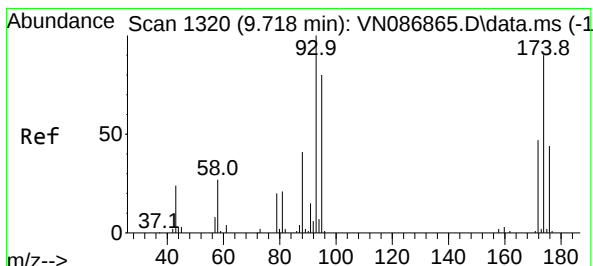
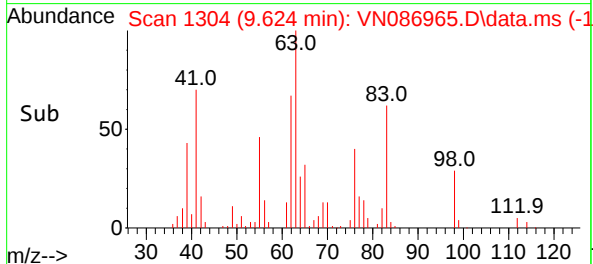
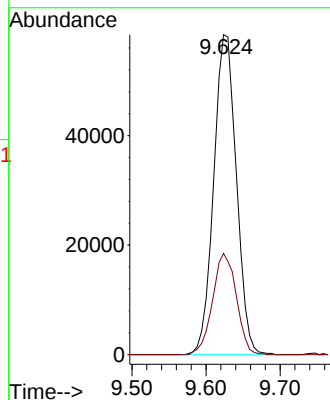
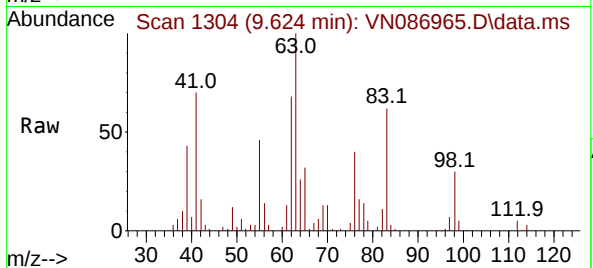
65 31.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#46

Dibromomethane

Concen: 56.431 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

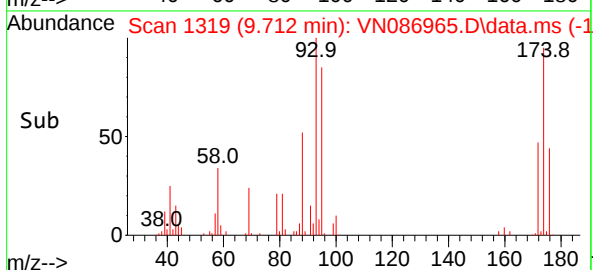
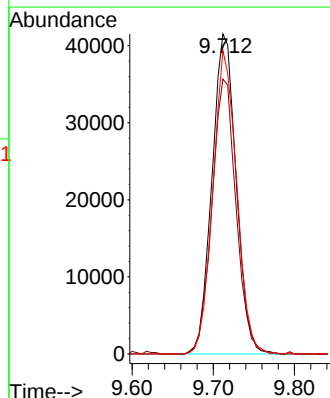
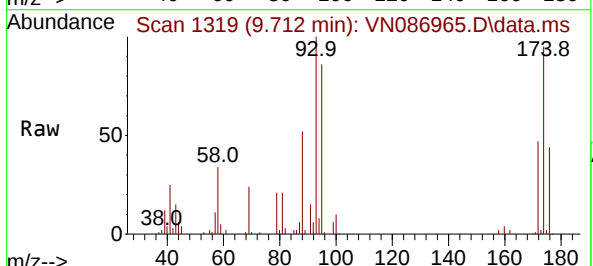
Tgt Ion: 93 Resp: 85919

Ion Ratio Lower Upper

93 100

95 85.6 67.1 100.7

174 93.3 74.2 111.4





#47

Bromodichloromethane

Concen: 55.894 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 17509

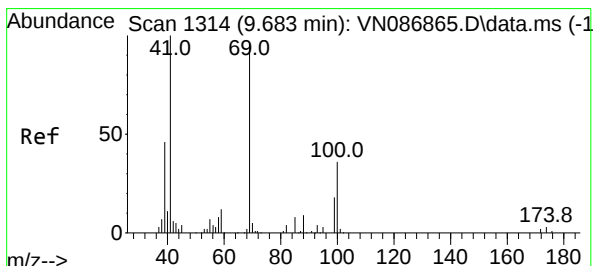
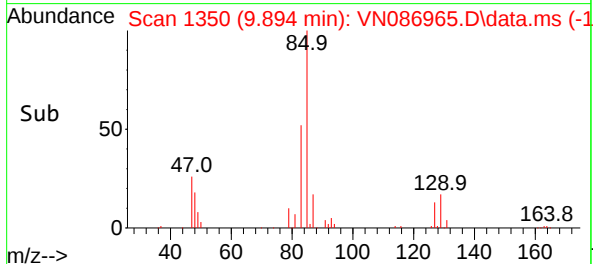
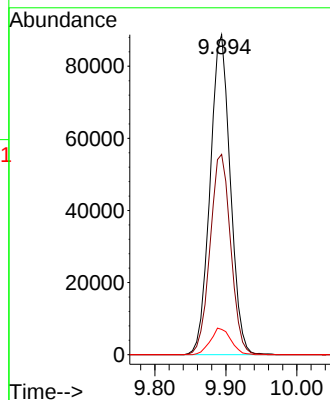
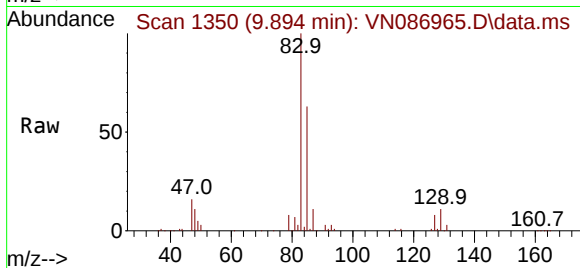
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.9	76.3
127	7.9	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#48

Methyl methacrylate

Concen: 53.046 ug/l

RT: 9.682 min Scan# 1314

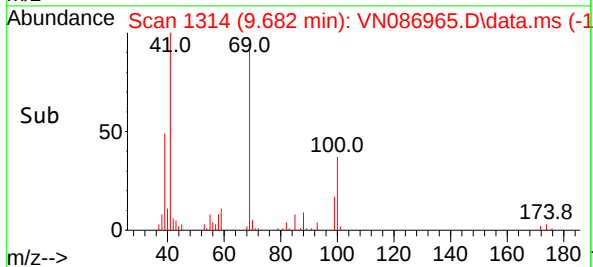
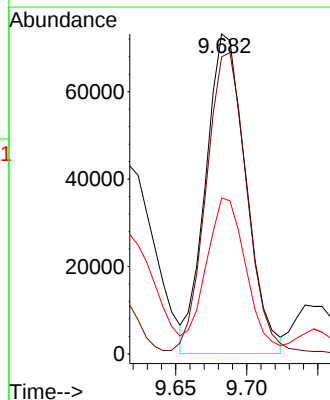
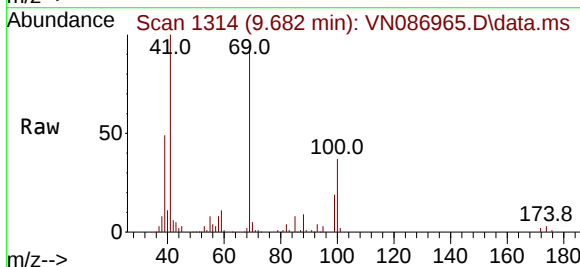
Delta R.T. -0.000 min

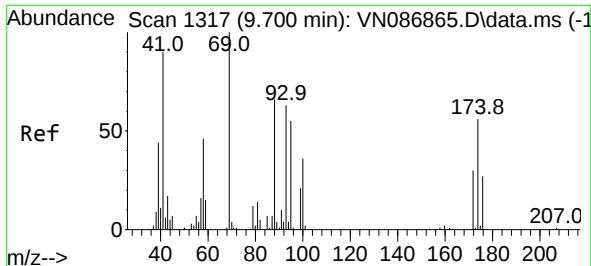
Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Tgt Ion: 41 Resp: 143734

Ion	Ratio	Lower	Upper
41	100		
69	96.2	74.6	112.0
39	49.3	40.2	60.4





#49

1,4-Dioxane

Concen: 1194.044 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 5885

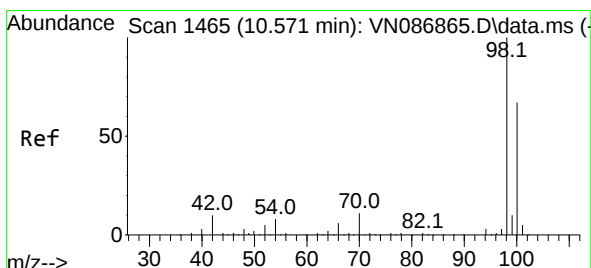
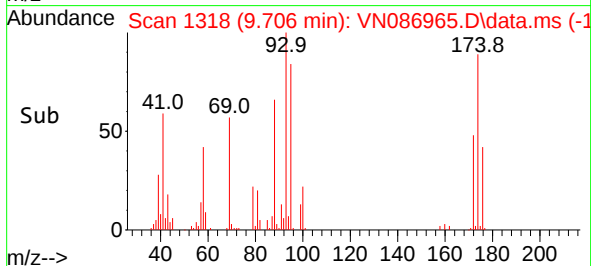
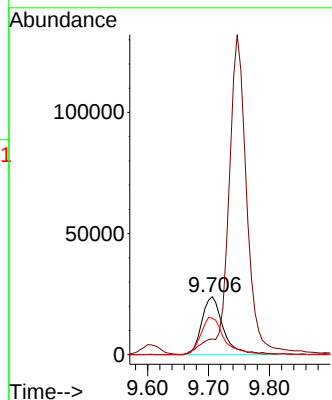
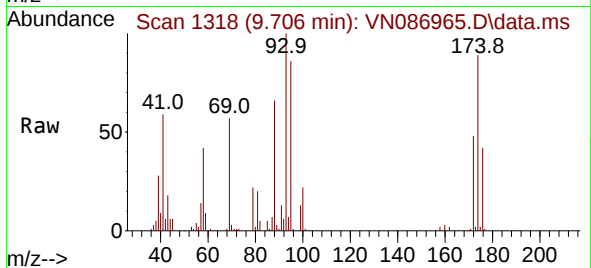
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	69.1	57.7	86.5

Manual Integrations

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Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#50

Toluene-d8

Concen: 49.914 ug/l

RT: 10.571 min Scan# 1465

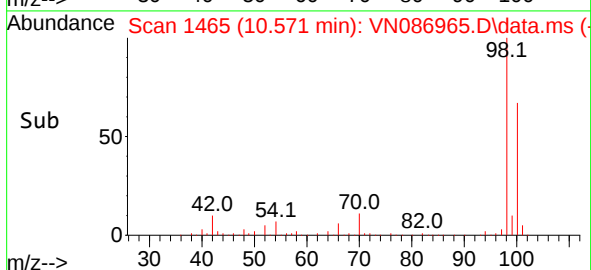
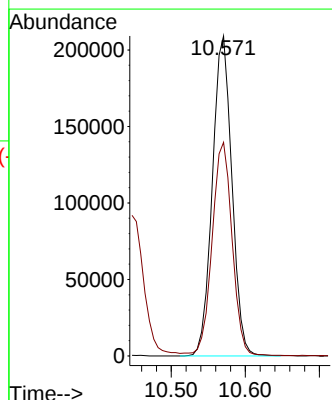
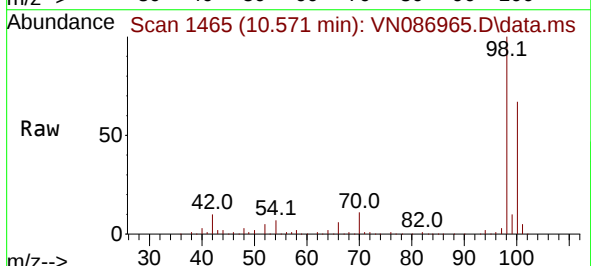
Delta R.T. -0.000 min

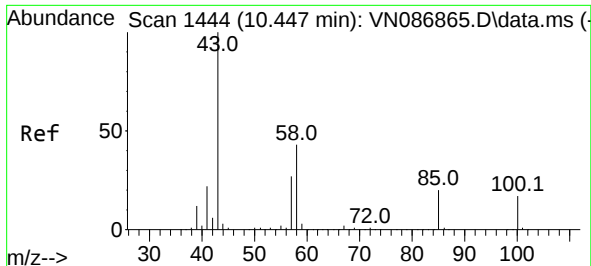
Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Tgt Ion: 98 Resp: 382080

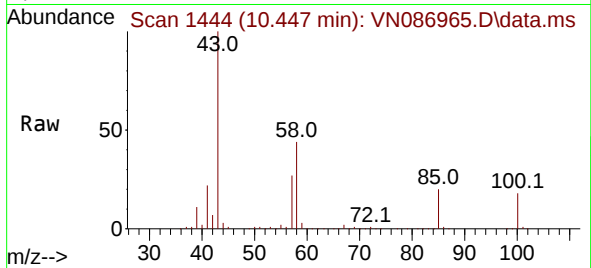
Ion	Ratio	Lower	Upper
98	100		
100	68.3	53.4	80.0





#51
4-Methyl-2-Pentanone
Concen: 281.028 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

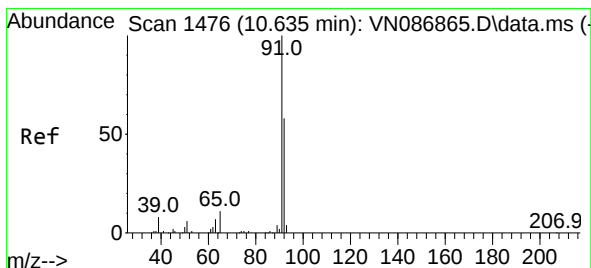
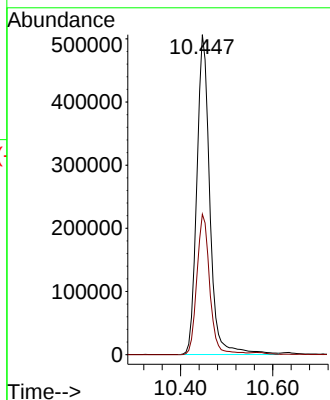
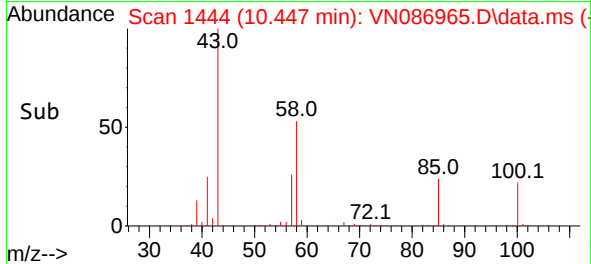
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 995984
Ion Ratio Lower Upper
43 100
58 43.6 34.2 51.4

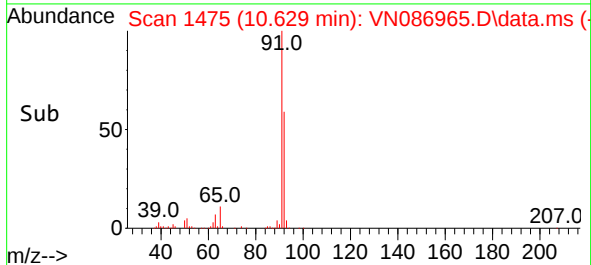
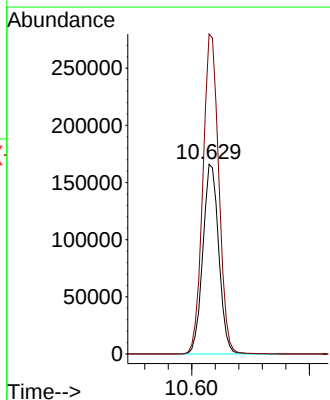
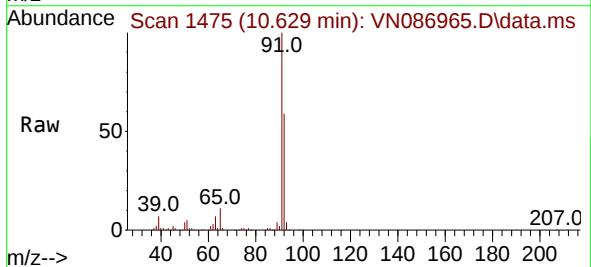
Manual Integrations
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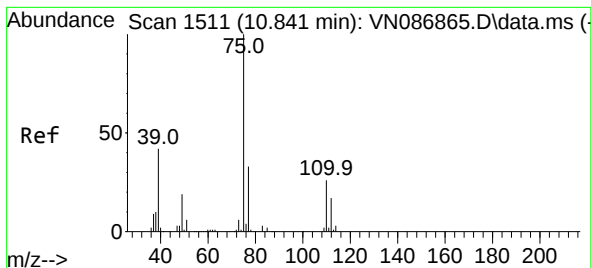
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#52
Toluene
Concen: 53.976 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion: 92 Resp: 310797
Ion Ratio Lower Upper
92 100
91 169.1 136.5 204.7





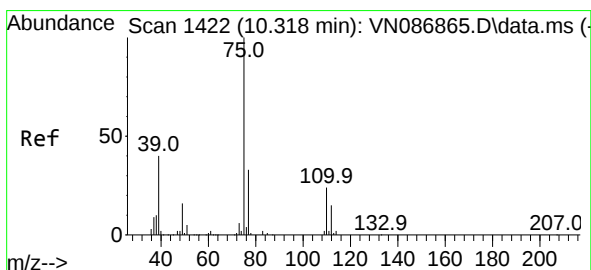
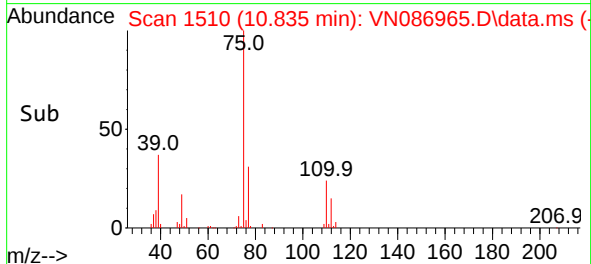
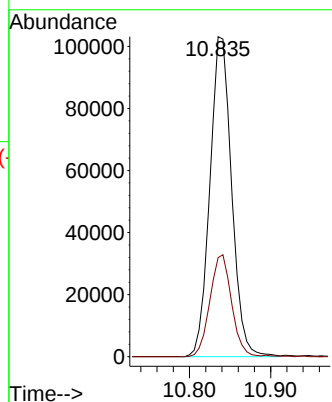
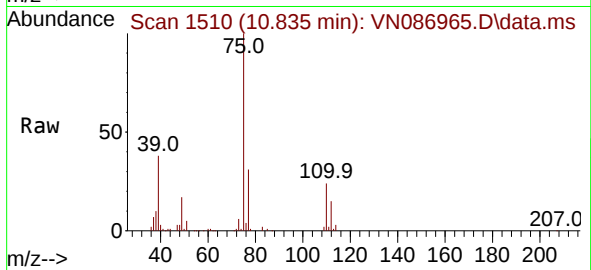
#53
t-1,3-Dichloropropene
Concen: 54.745 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 19176
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6

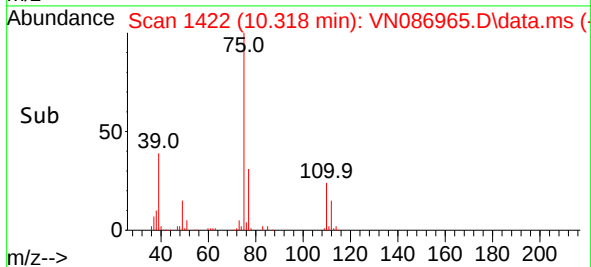
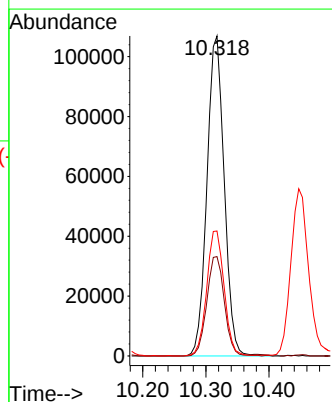
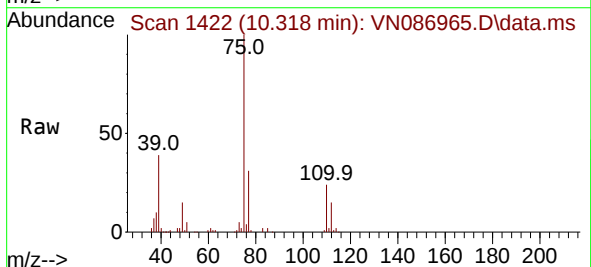
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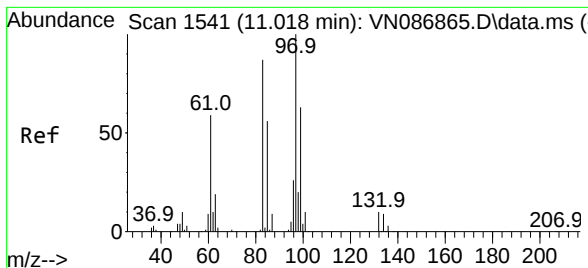
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#54
cis-1,3-Dichloropropene
Concen: 54.242 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

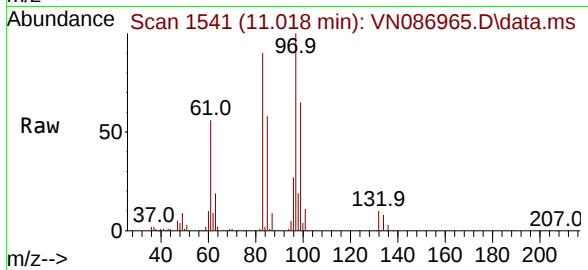
Tgt Ion: 75 Resp: 203300
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.4
39 39.0 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 55.842 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

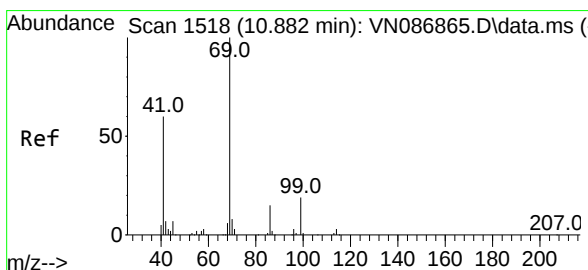
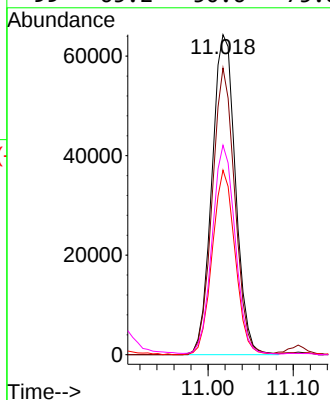
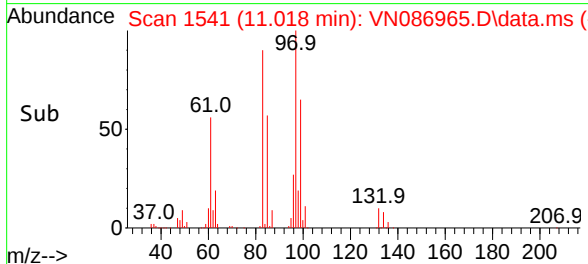
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



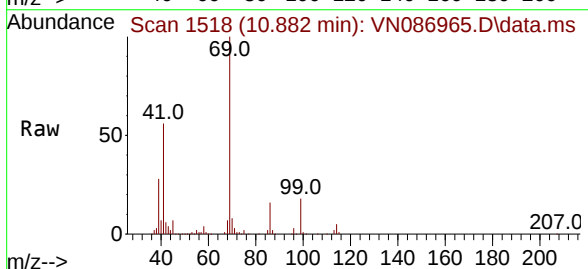
Tgt Ion: 97 Resp: 123723
Ion Ratio Lower Upper
97 100
83 89.6 69.7 104.5
85 57.7 45.1 67.7
99 65.2 50.6 75.8

Manual Integrations
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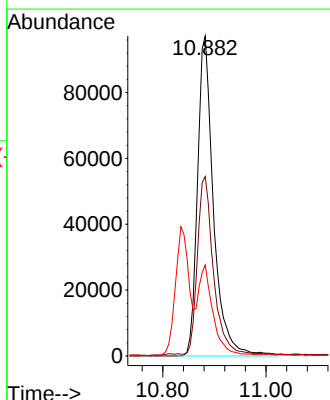
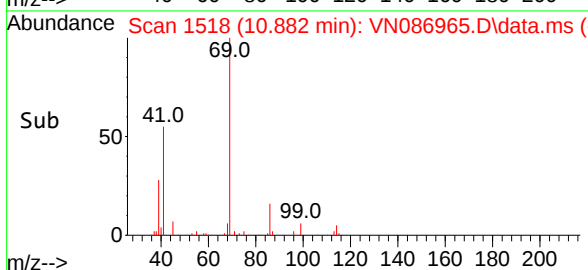
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

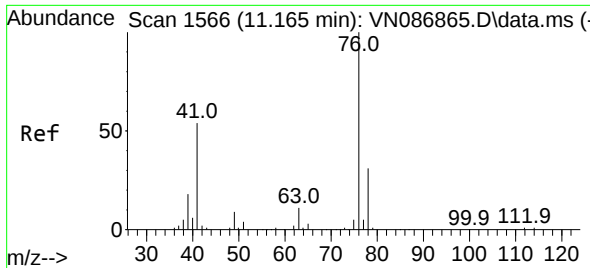


#56
Ethyl methacrylate
Concen: 59.246 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



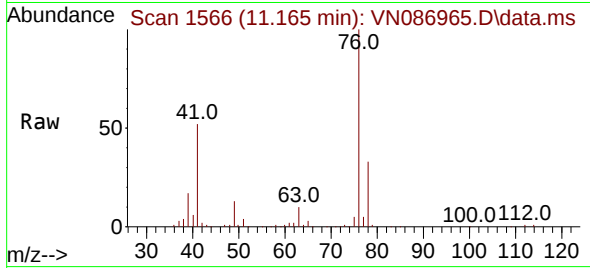
Tgt Ion: 69 Resp: 209075
Ion Ratio Lower Upper
69 100
41 55.6 47.2 70.8
39 26.5 23.0 34.6





#57
1,3-Dichloropropane
Concen: 55.319 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

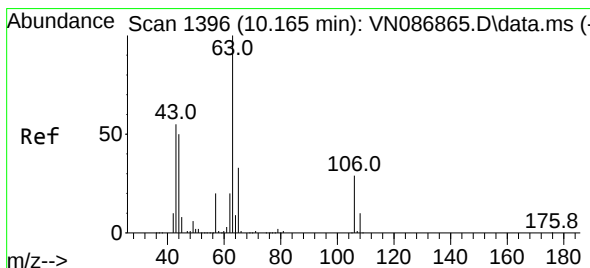
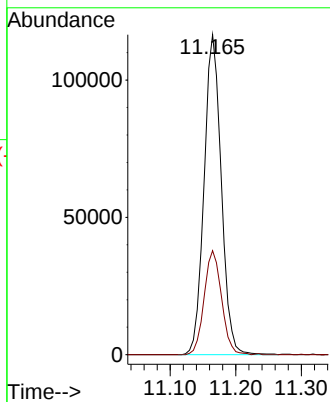
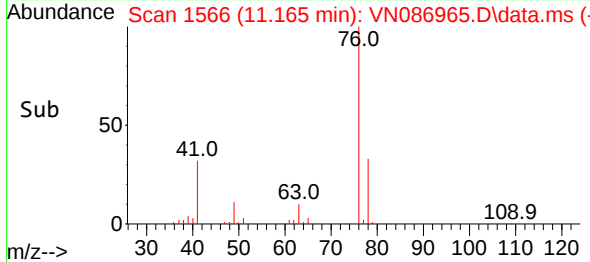
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 21261
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9

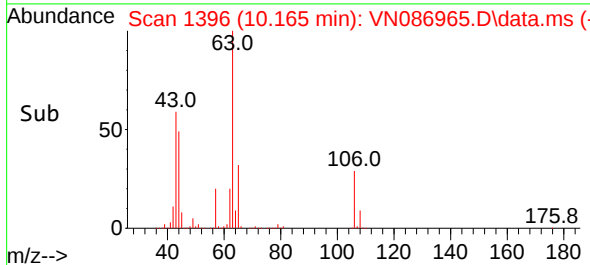
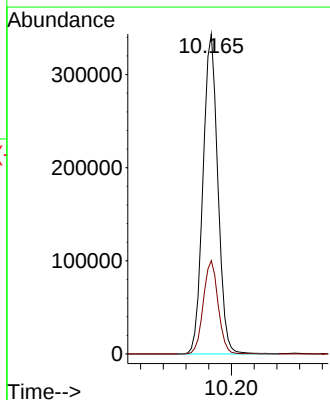
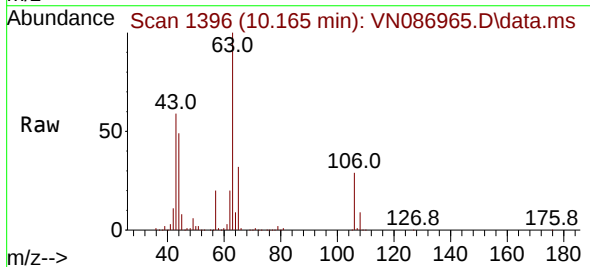
Manual Integrations
APPROVED

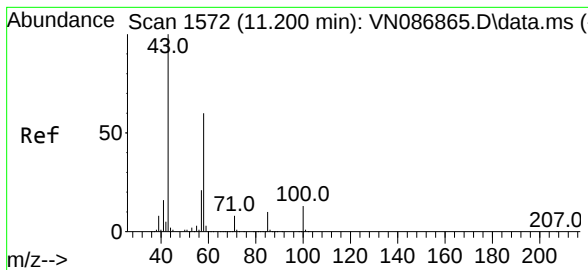
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#58
2-Chloroethyl Vinyl ether
Concen: 295.338 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

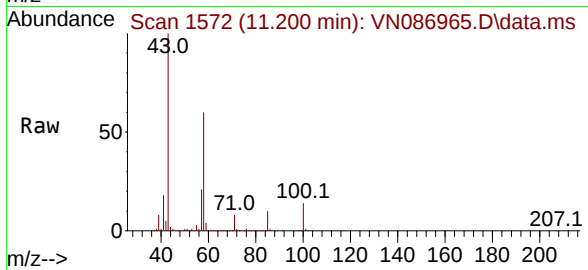
Tgt Ion: 63 Resp: 621634
Ion Ratio Lower Upper
63 100
106 29.1 23.0 34.6





#59
2-Hexanone
Concen: 289.751 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

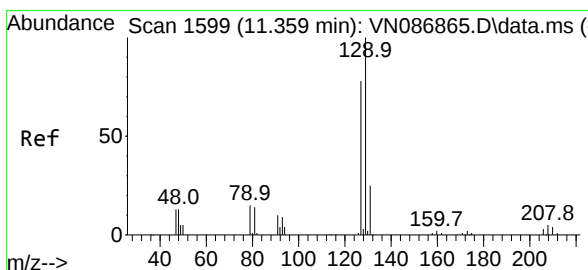
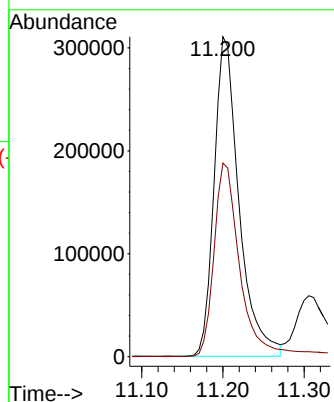
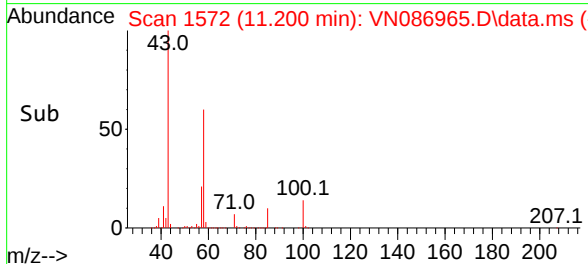
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



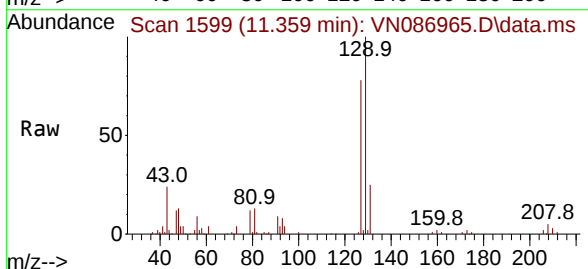
Tgt Ion: 43 Resp: 661460
Ion Ratio Lower Upper
43 100
58 65.1 30.4 91.3

Manual Integrations
APPROVED

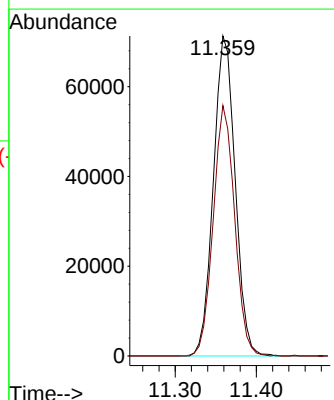
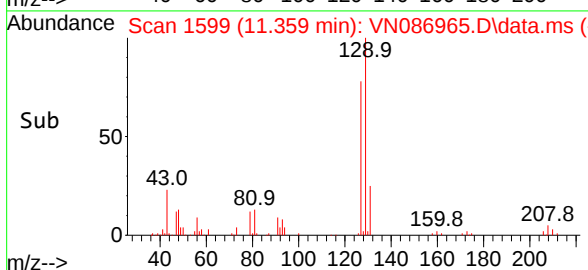
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#60
Dibromochloromethane
Concen: 57.580 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



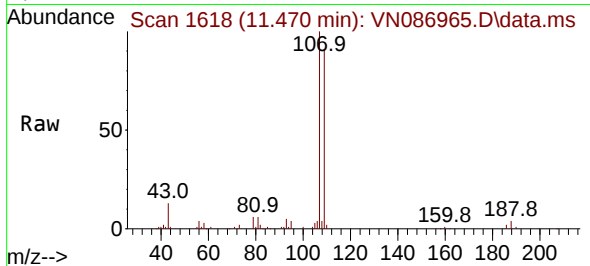
Tgt Ion:129 Resp: 132918
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 56.119 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

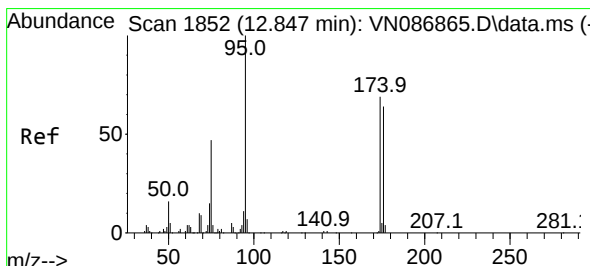
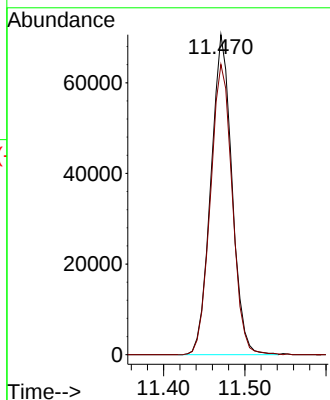
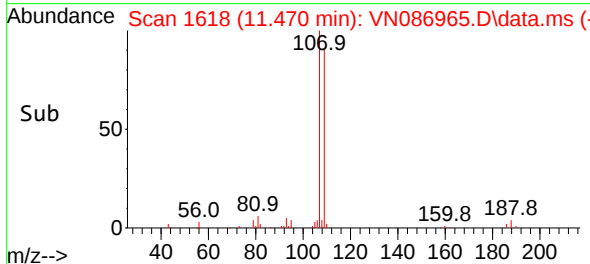
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 127444
Ion Ratio Lower Upper
107 100
109 93.8 76.3 114.5

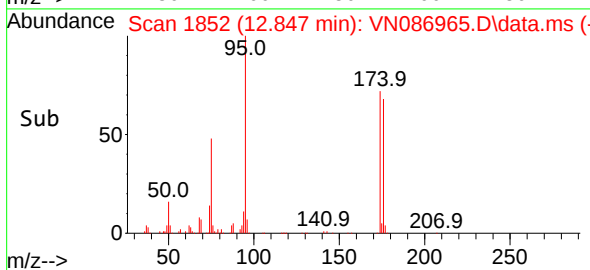
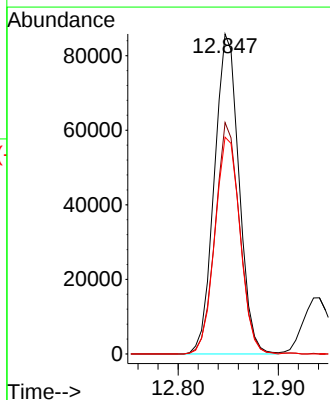
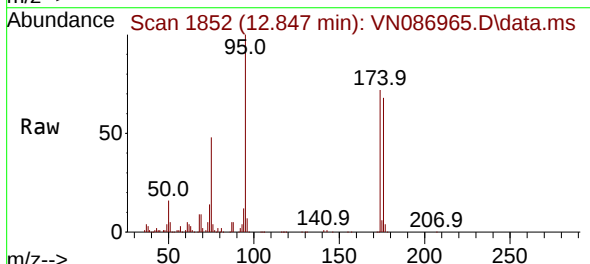
Manual Integrations
APPROVED

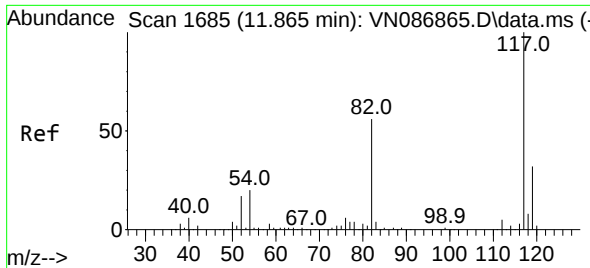
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#62
4-Bromofluorobenzene
Concen: 51.499 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

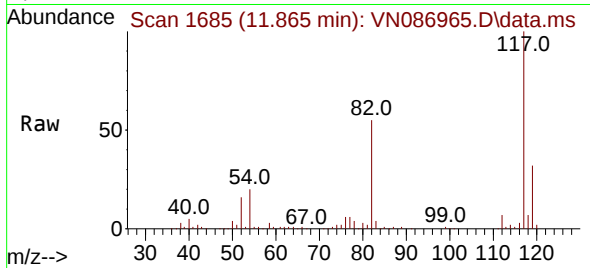
Tgt Ion: 95 Resp: 146464
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.8
176 69.3 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

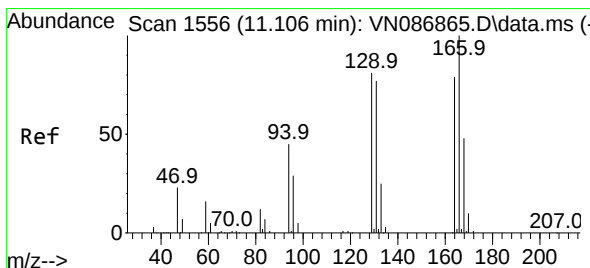
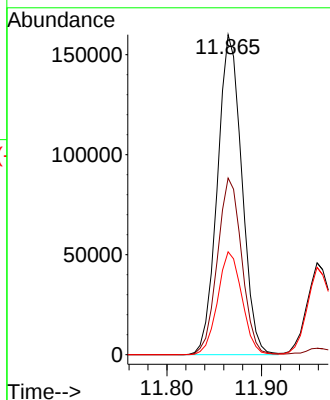
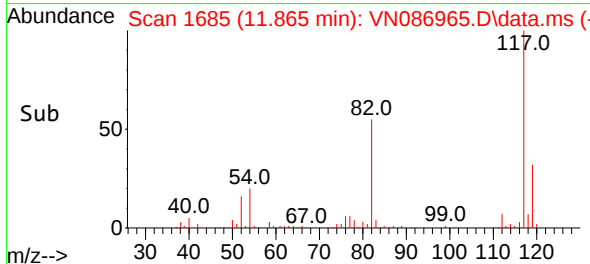
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 286630
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 32.2 25.5 38.3

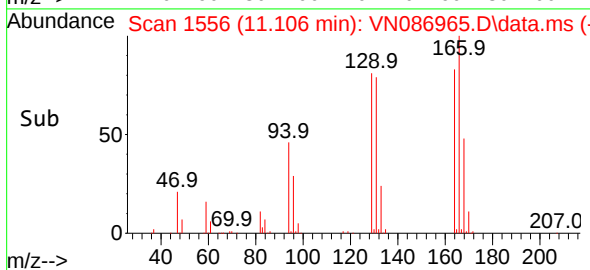
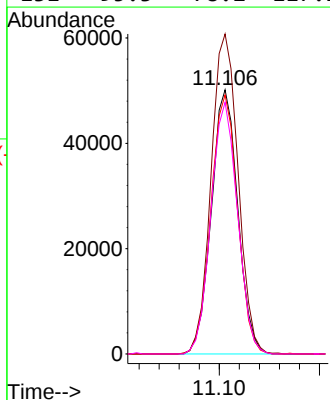
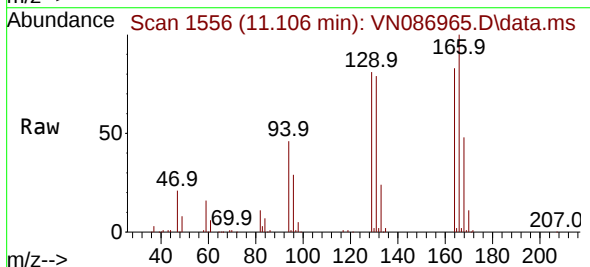
Manual Integrations
APPROVED

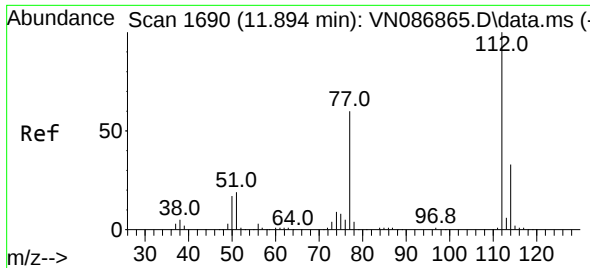
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#64
Tetrachloroethene
Concen: 50.534 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

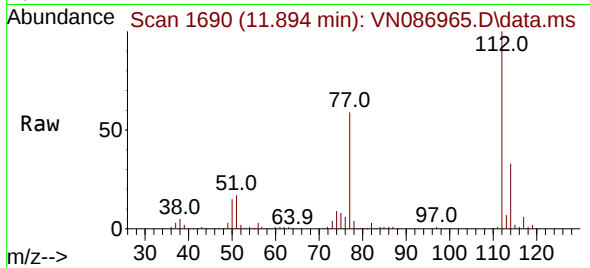
Tgt Ion:164 Resp: 91667
Ion Ratio Lower Upper
164 100
166 121.1 101.8 152.8
129 98.1 83.0 124.4
131 95.3 78.2 117.2





#65
Chlorobenzene
Concen: 53.206 ug/l
RT: 11.894 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

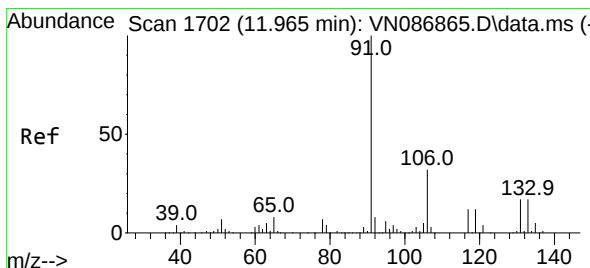
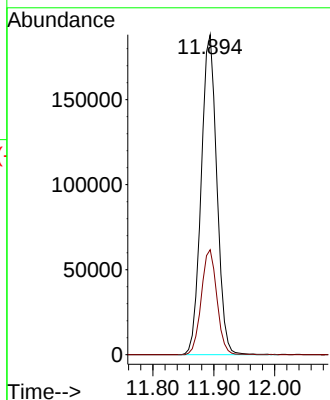
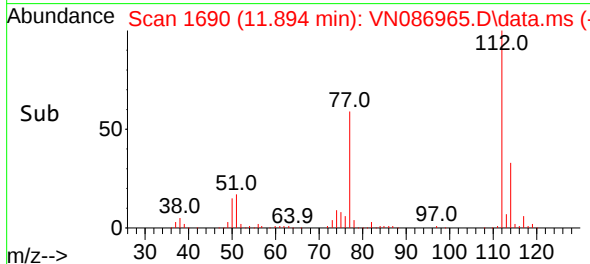
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



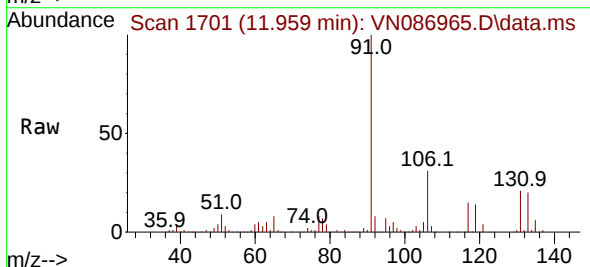
Tgt Ion:112 Resp: 336350
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2

Manual Integrations
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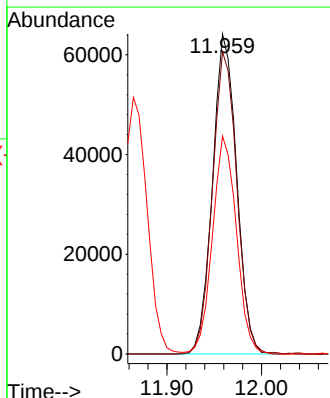
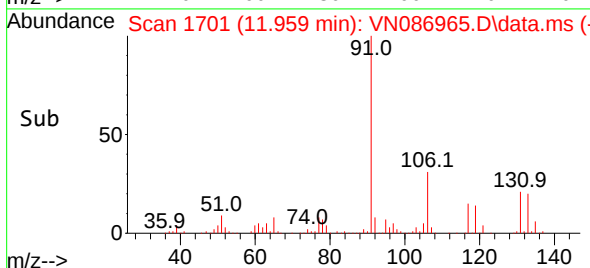
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

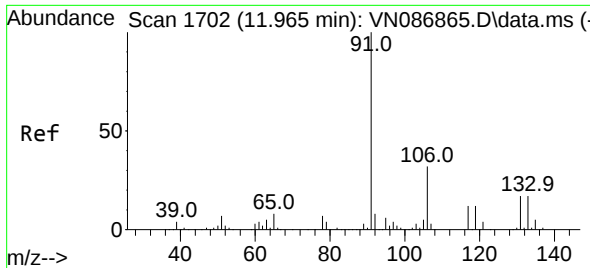


#66
1,1,1,2-Tetrachloroethane
Concen: 55.835 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



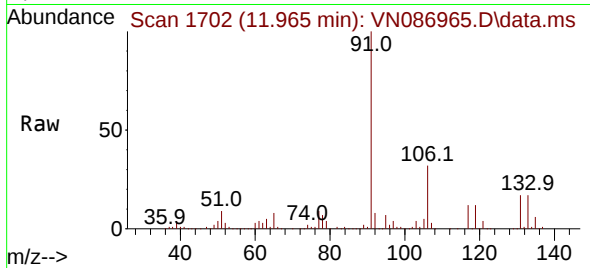
Tgt Ion:131 Resp: 113463
Ion Ratio Lower Upper
131 100
133 95.7 48.3 144.8
119 67.8 34.0 101.8





#67
Ethyl Benzene
Concen: 52.952 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

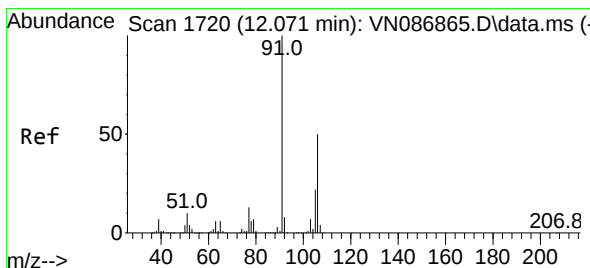
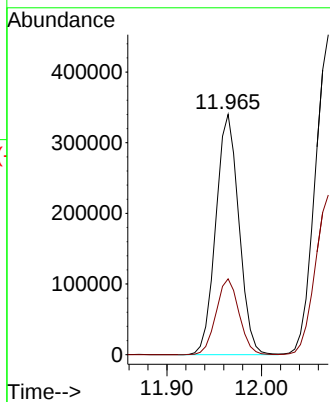
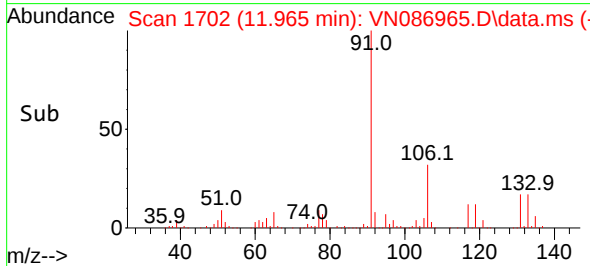
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



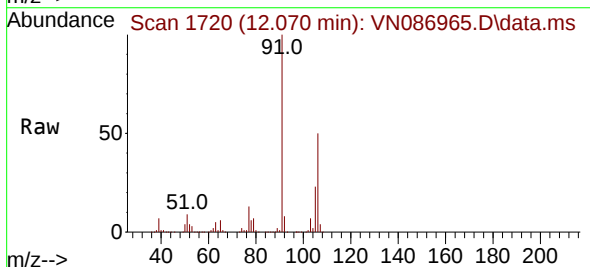
Tgt Ion: 91 Resp: 576593
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

Manual Integrations
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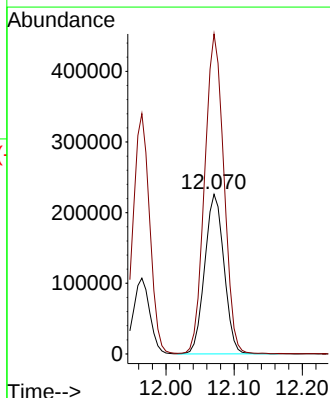
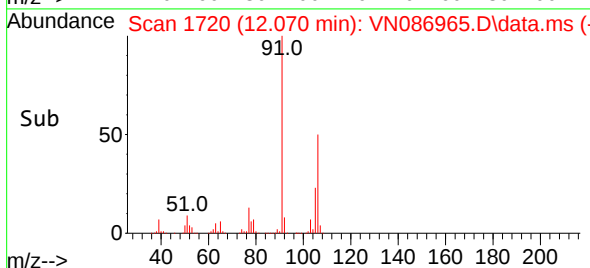
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

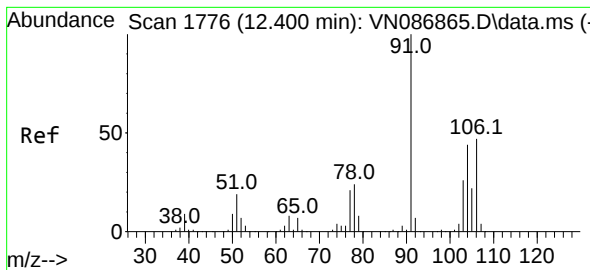


#68
m/p-Xylenes
Concen: 106.561 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



Tgt Ion:106 Resp: 444183
Ion Ratio Lower Upper
106 100
91 199.8 159.4 239.0





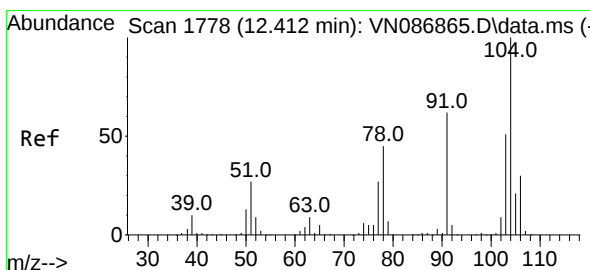
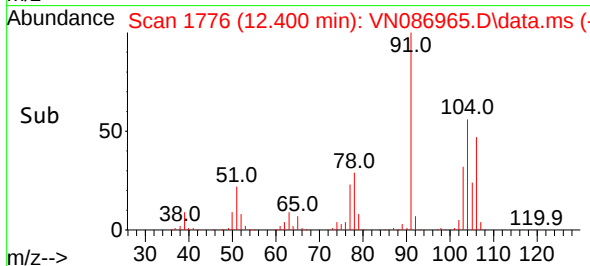
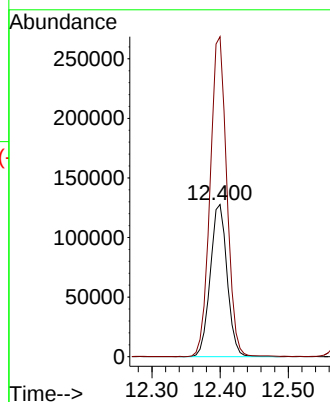
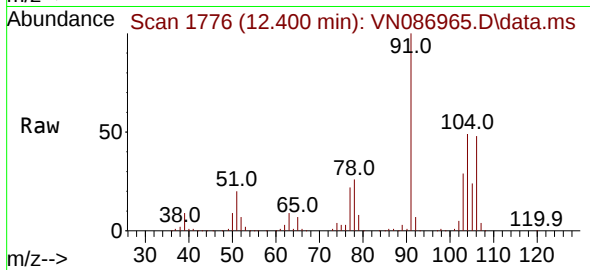
#69
o-Xylene
Concen: 54.963 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 219424
Ion Ratio Lower Upper
106 100
91 208.2 106.1 318.1

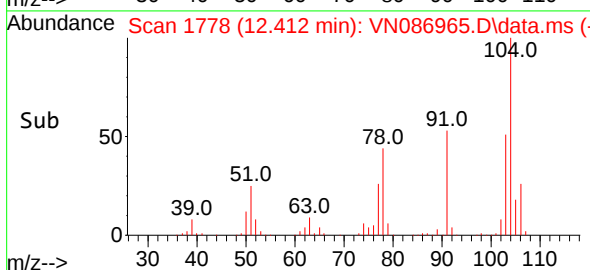
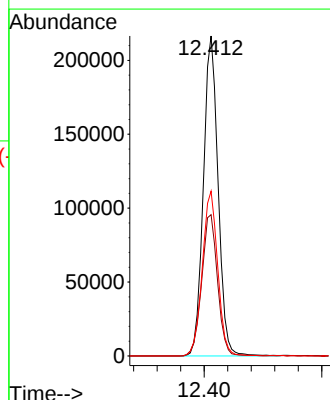
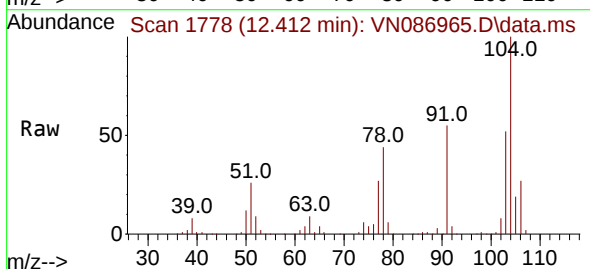
Manual Integrations
APPROVED

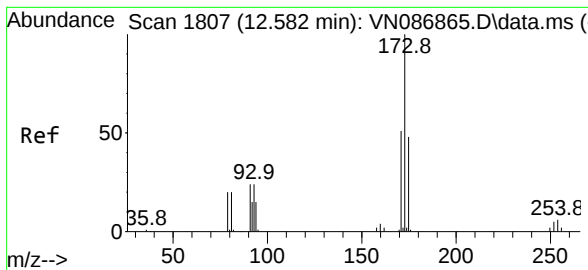
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#70
Styrene
Concen: 55.293 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

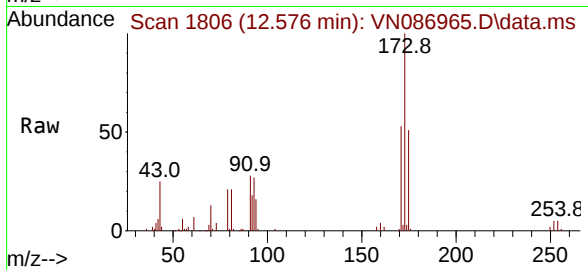
Tgt Ion:104 Resp: 377725
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 53.9 43.1 64.7





#71
Bromoform
Concen: 59.559 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

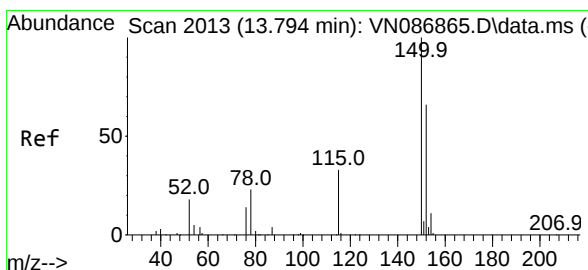
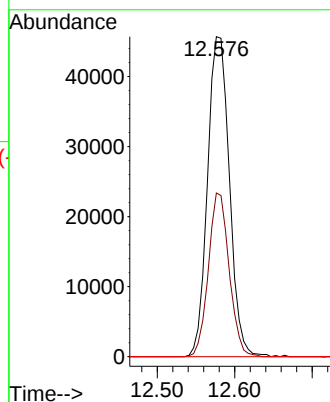
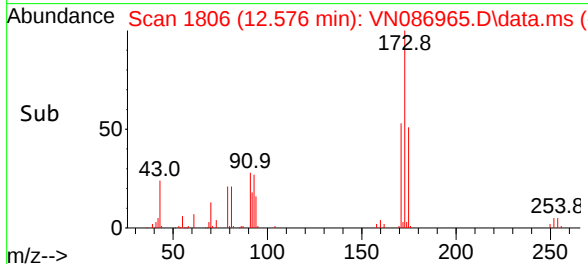
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



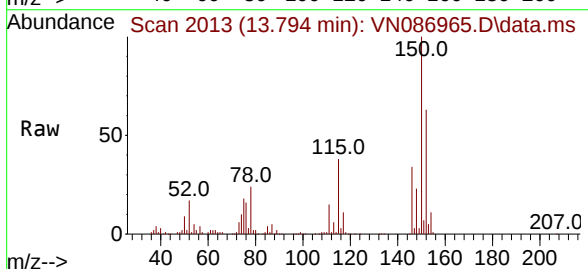
Tgt Ion:173 Resp: 89670
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

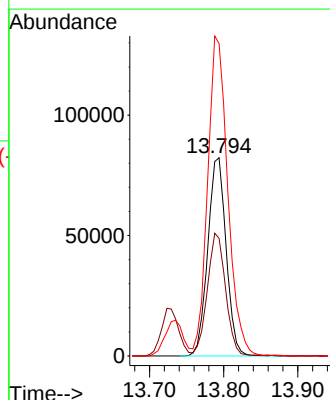
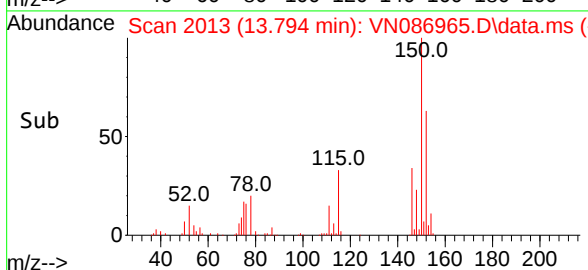
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

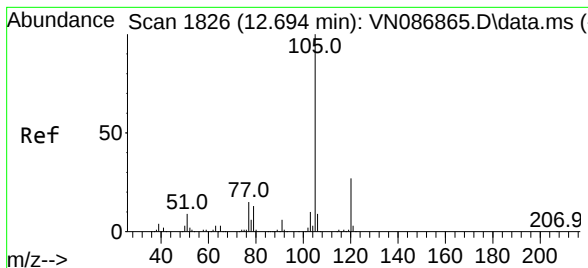


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



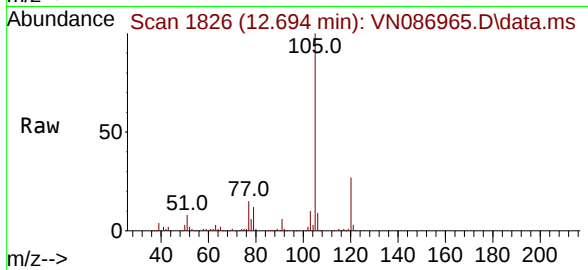
Tgt Ion:152 Resp: 142002
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.5
150 176.0 0.0 345.0





#73
Isopropylbenzene
Concen: 51.622 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

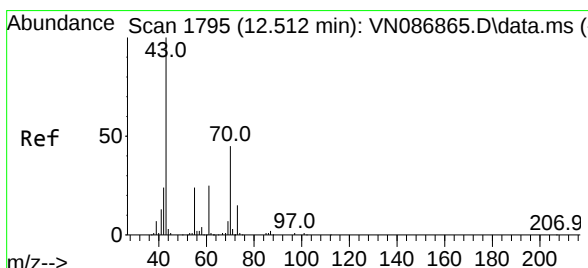
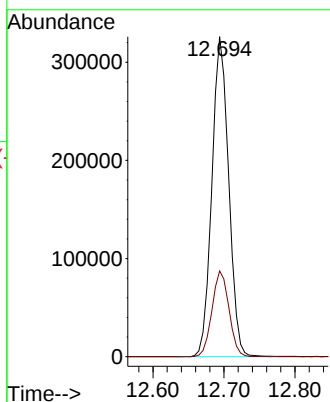
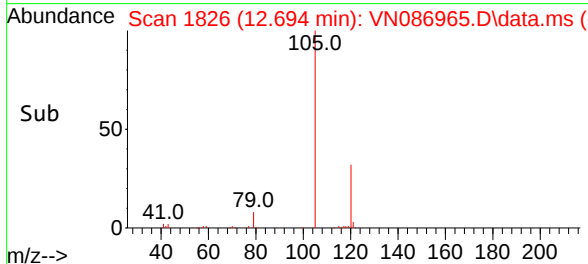
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



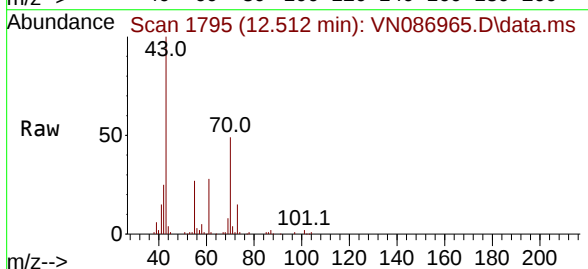
Tgt Ion:105 Resp: 53403
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

Manual Integrations
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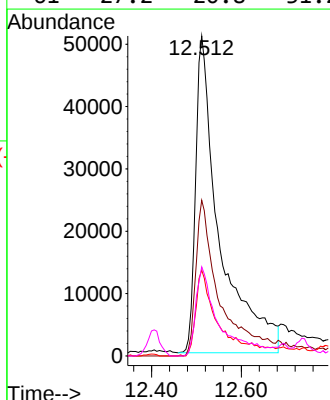
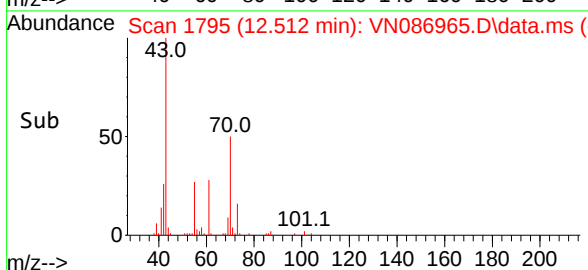
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

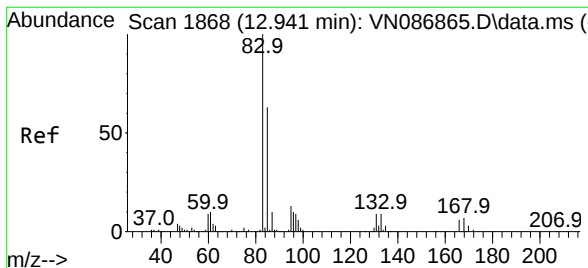


#74
N-ethyl acetate
Concen: 52.216 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



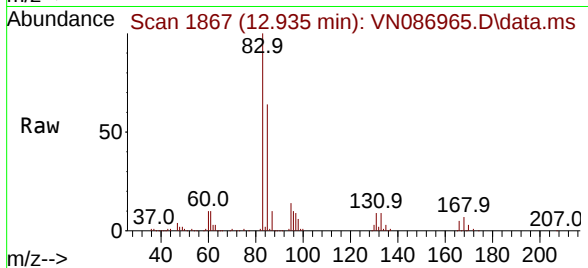
Tgt Ion: 43 Resp: 188759
Ion Ratio Lower Upper
43 100
70 49.1 37.6 56.4
55 26.3 19.0 28.6
61 27.2 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 57.301 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

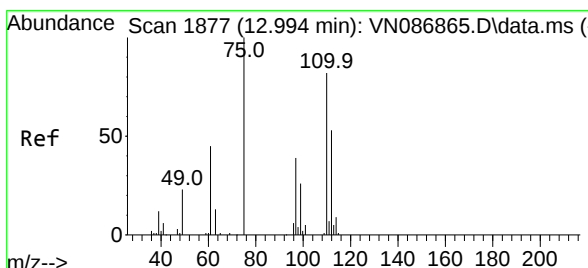
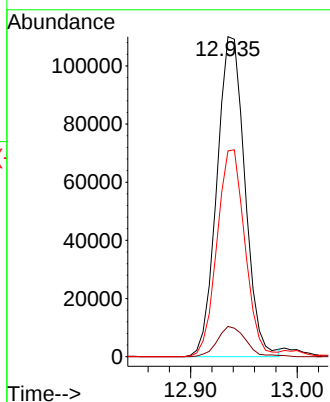
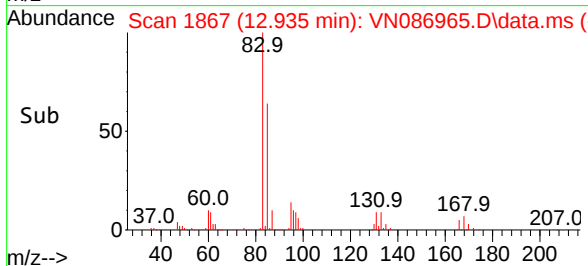
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 200820
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 64.7 32.0 96.0

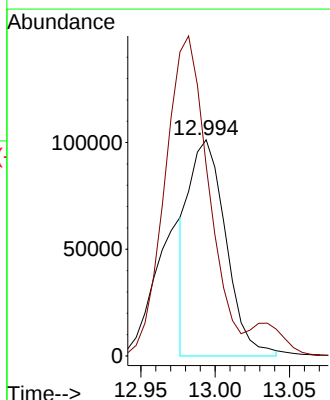
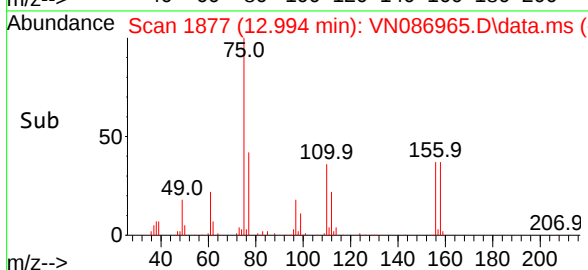
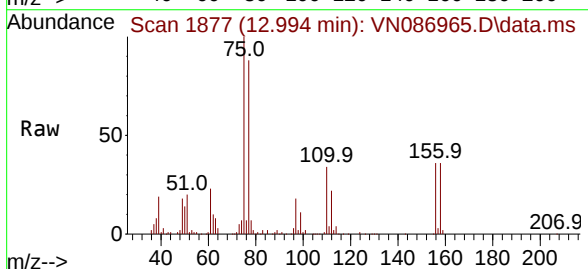
Manual Integrations
APPROVED

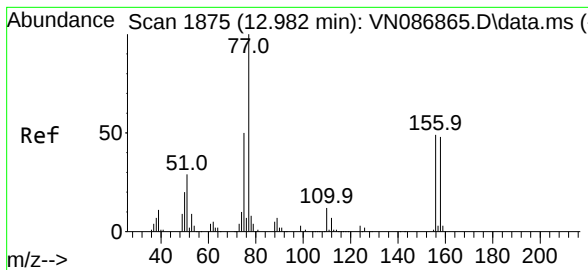
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#76
1,2,3-Trichloropropane
Concen: 51.664 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

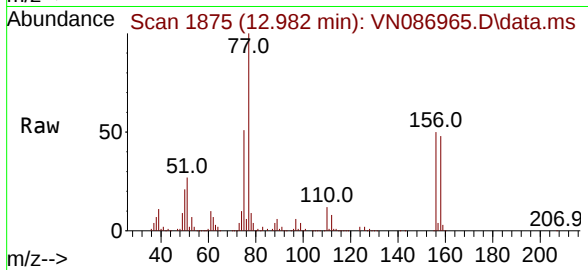
Tgt Ion: 75 Resp: 174388
Ion Ratio Lower Upper
75 100
77 175.4 79.3 237.9





#77
Bromobenzene
Concen: 55.583 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

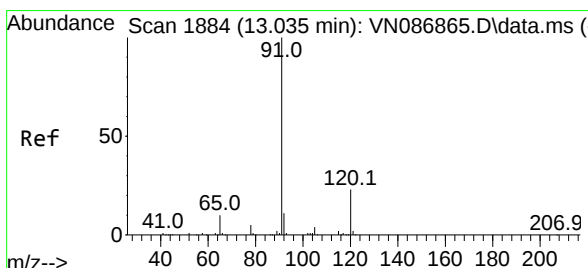
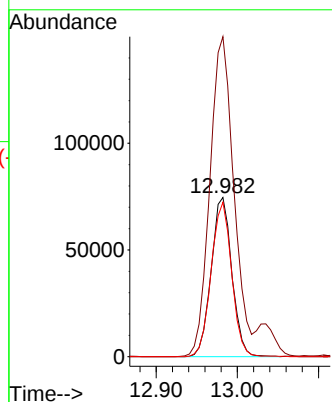
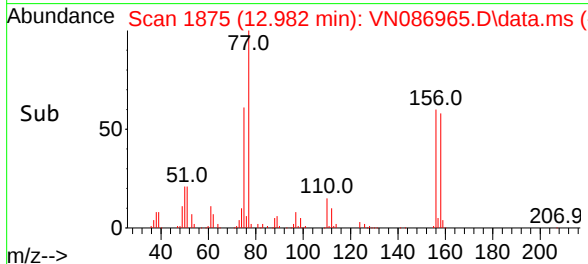
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



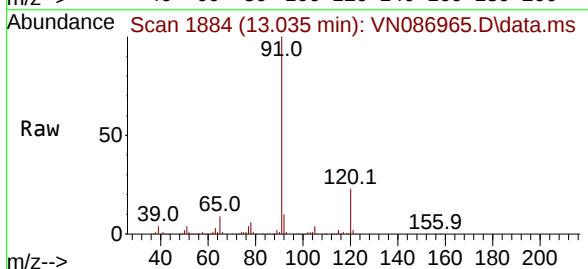
Tgt Ion:156 Resp: 131869
Ion Ratio Lower Upper
156 100
77 232.0 117.7 353.1
158 96.4 48.1 144.4

Manual Integrations
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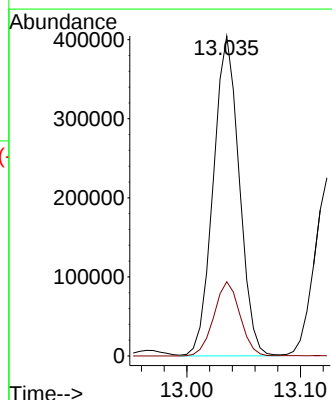
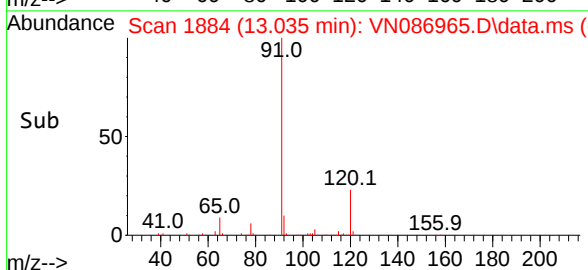
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

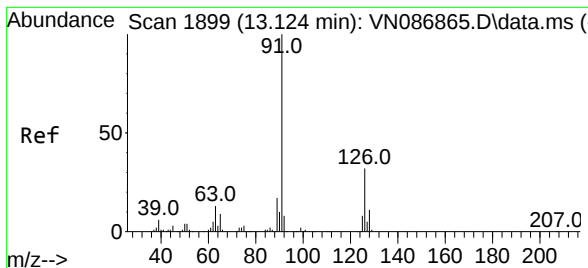


#78
n-propylbenzene
Concen: 51.178 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



Tgt Ion: 91 Resp: 643398
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.2





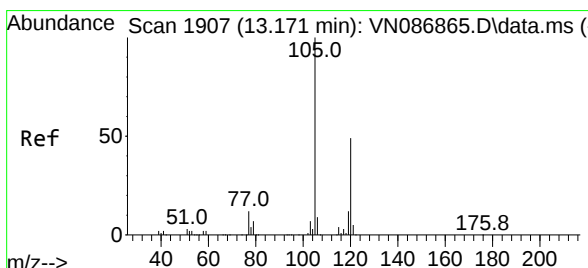
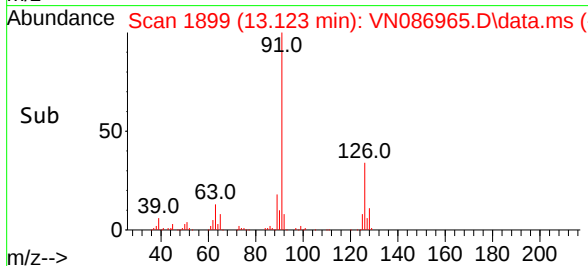
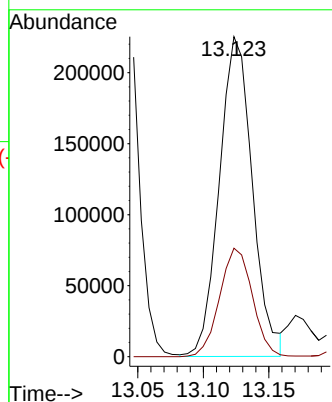
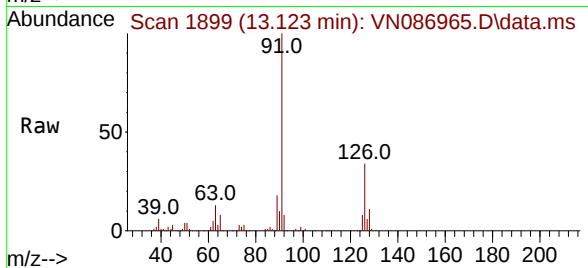
#79
2-Chlorotoluene
Concen: 52.371 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 394854
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.5

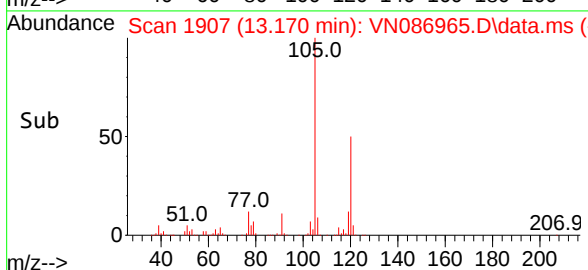
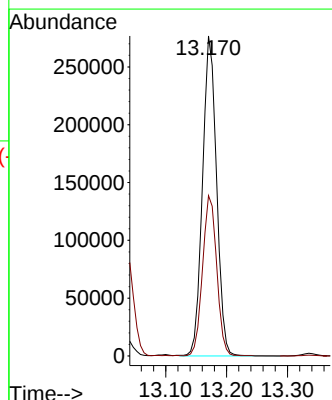
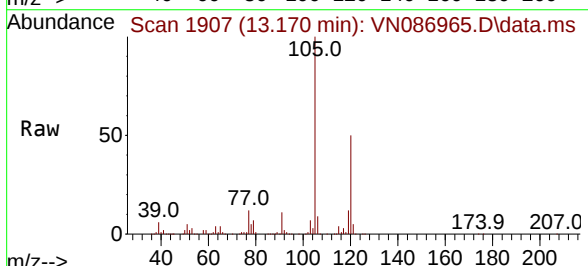
Manual Integrations
APPROVED

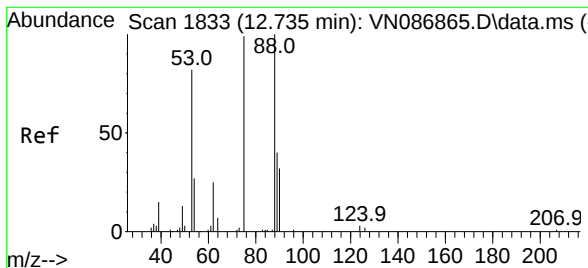
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.914 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

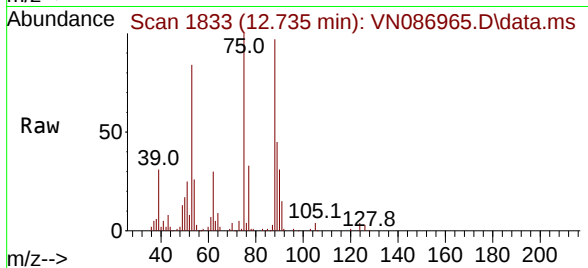
Tgt Ion:105 Resp: 443398
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.328 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

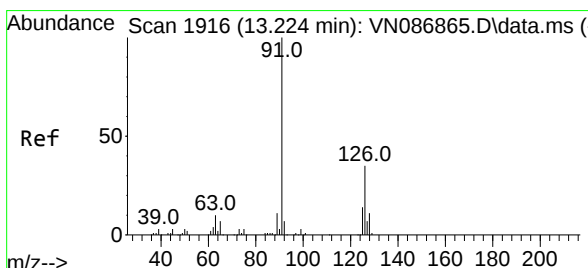
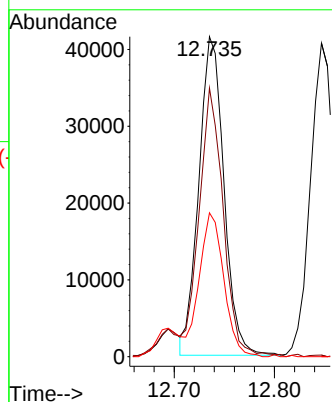
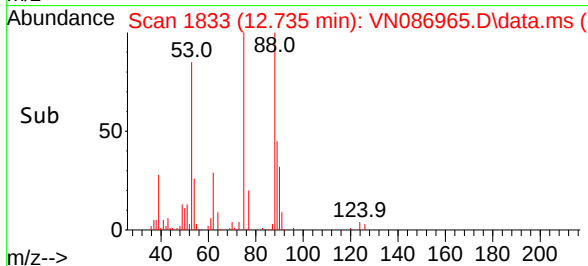
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 7233
Ion Ratio Lower Upper
75 100
53 81.4 66.6 99.8
89 43.7 36.7 55.1

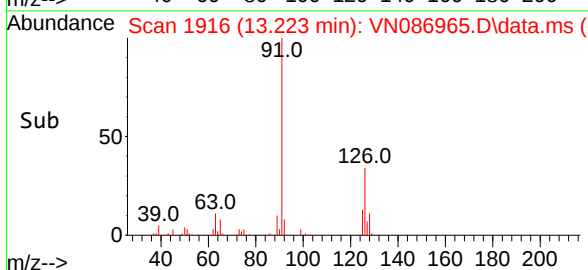
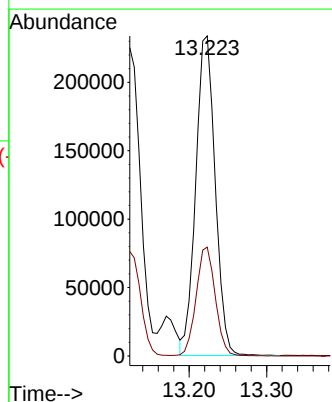
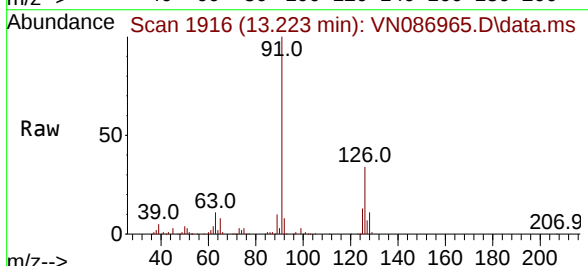
Manual Integrations
APPROVED

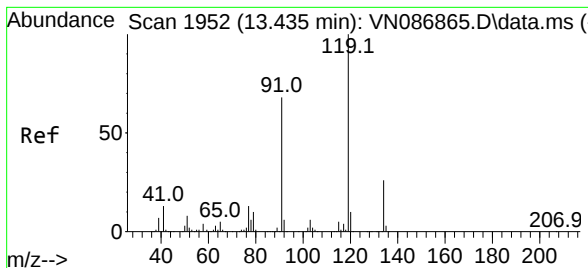
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#82
4-Chlorotoluene
Concen: 53.310 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

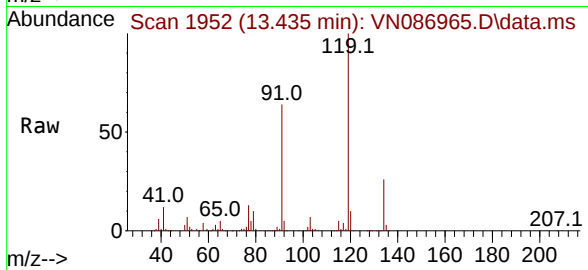
Tgt Ion: 91 Resp: 406685
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.1





#83
tert-Butylbenzene
Concen: 50.730 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

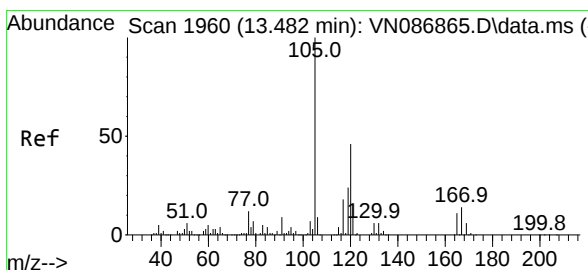
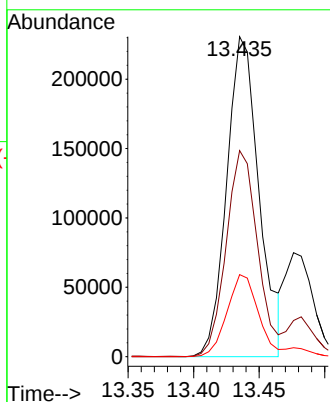
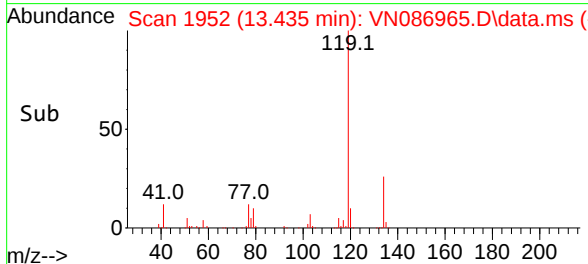
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



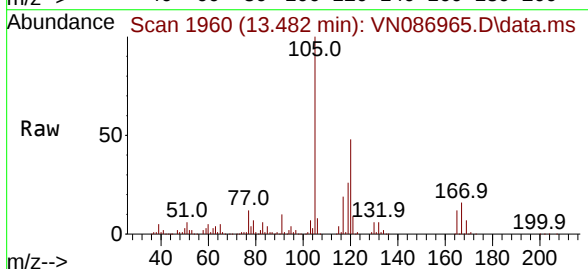
Tgt Ion:119 Resp: 396615
Ion Ratio Lower Upper
119 100
91 62.4 32.1 96.5
134 25.1 13.4 40.1

Manual Integrations
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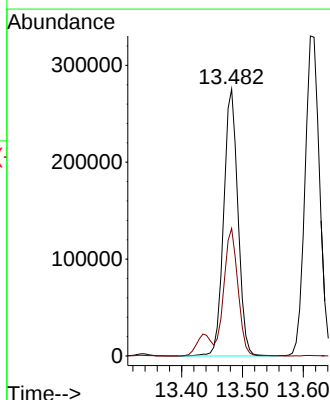
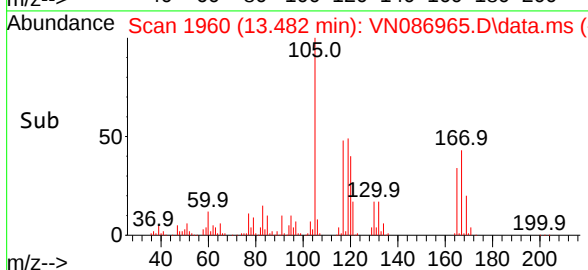
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

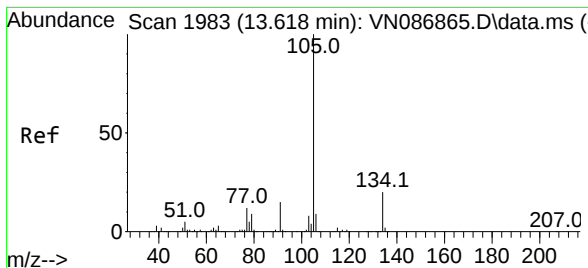


#84
1,2,4-Trimethylbenzene
Concen: 52.251 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



Tgt Ion:105 Resp: 447506
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6





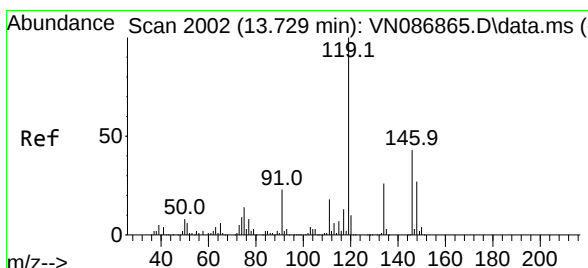
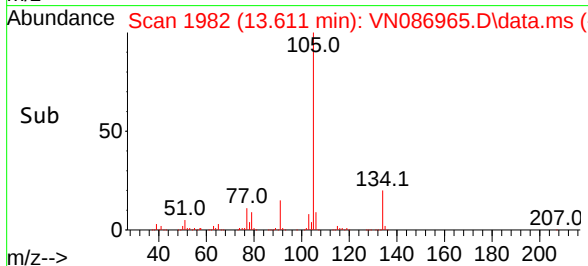
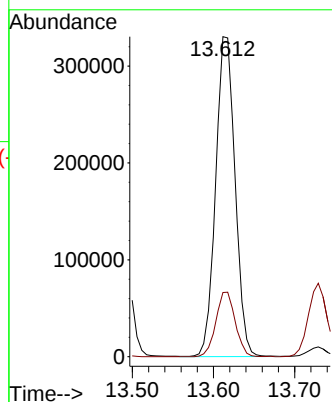
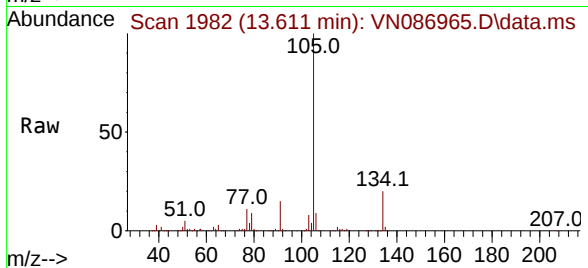
#85
 sec-Butylbenzene
 Concen: 48.432 ug/l
 RT: 13.611 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 54988
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0

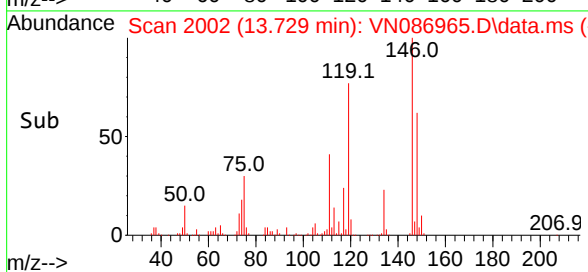
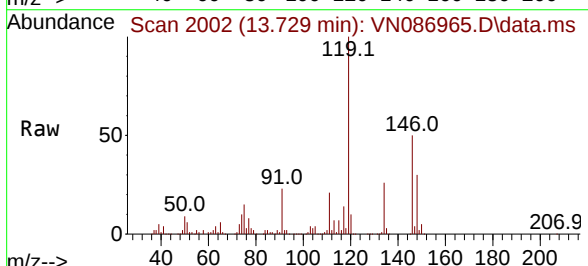
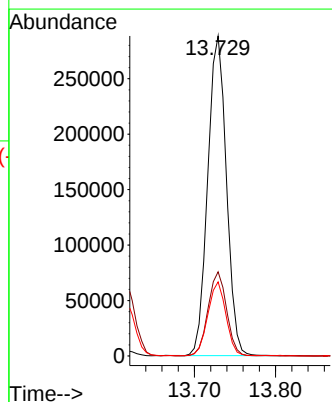
Manual Integrations
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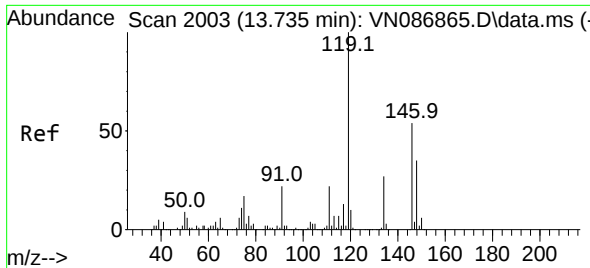
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025



#86
 p-Isopropyltoluene
 Concen: 48.982 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

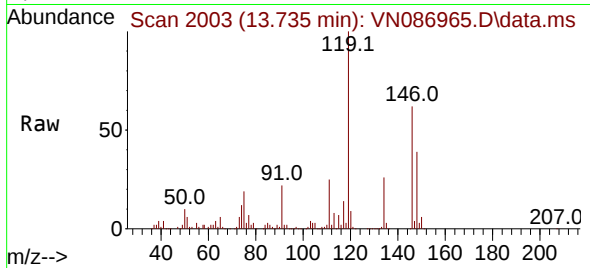
Tgt Ion:119 Resp: 459716
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 22.3 11.5 34.4





#87
 1,3-Dichlorobenzene
 Concen: 54.264 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23

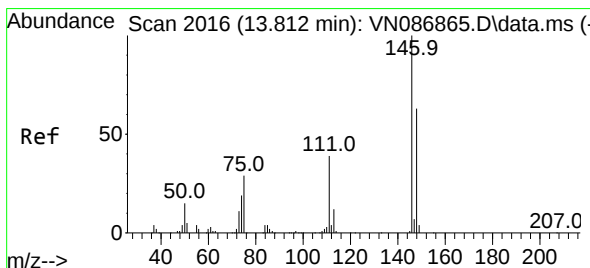
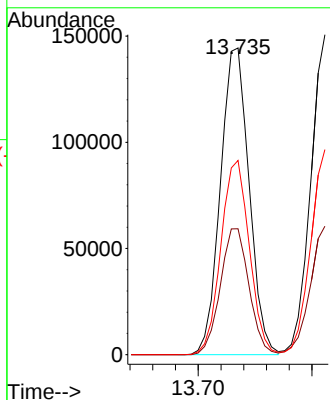
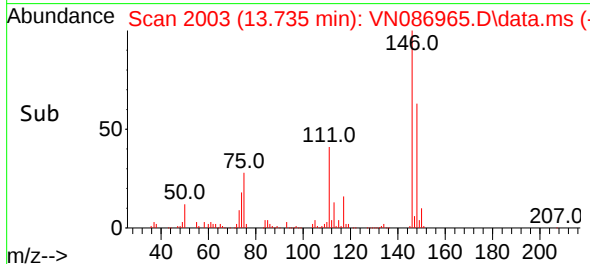
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



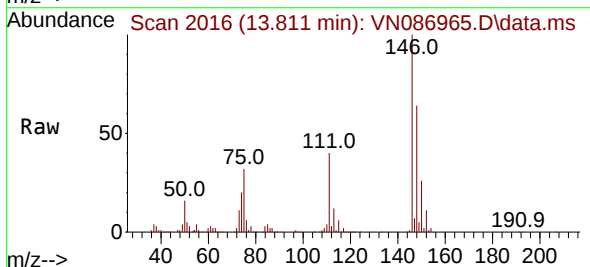
Tgt Ion:146 Resp: 253292
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.9 62.8
 148 62.9 32.0 96.2

Manual Integrations
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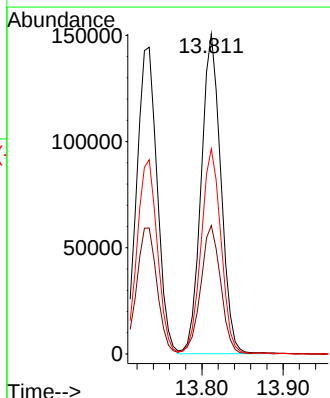
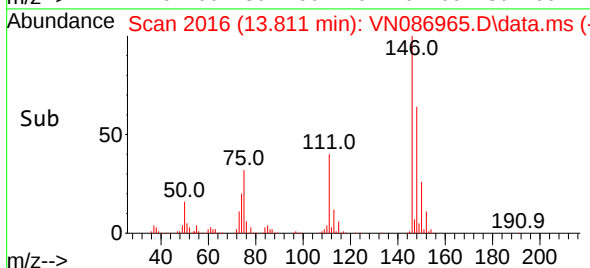
Reviewed By :John Carlone 06/12/2025
 Supervised By :Semsettin Yesilyurt 06/12/2025

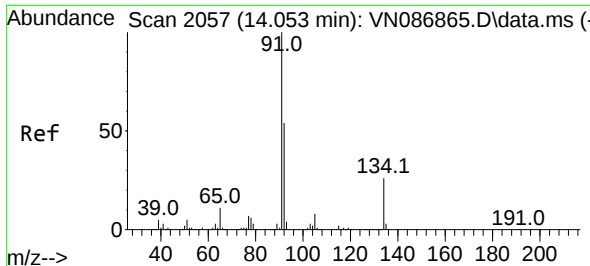


#88
 1,4-Dichlorobenzene
 Concen: 53.138 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086965.D
 Acq: 11 Jun 2025 21:23



Tgt Ion:146 Resp: 252880
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 64.2 31.8 95.4





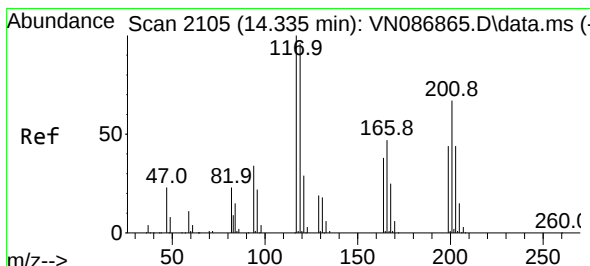
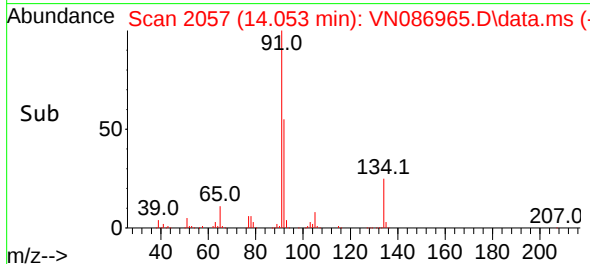
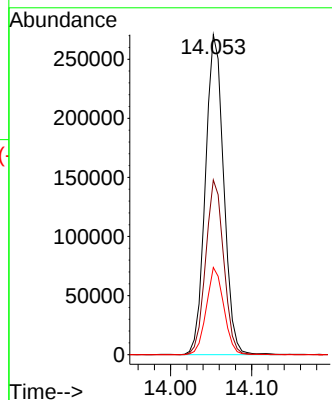
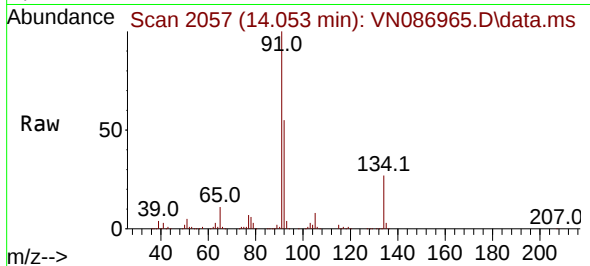
#89
n-Butylbenzene
Concen: 46.509 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 42280
Ion Ratio Lower Upper
91 100
92 53.9 27.5 82.4
134 26.1 13.0 39.0

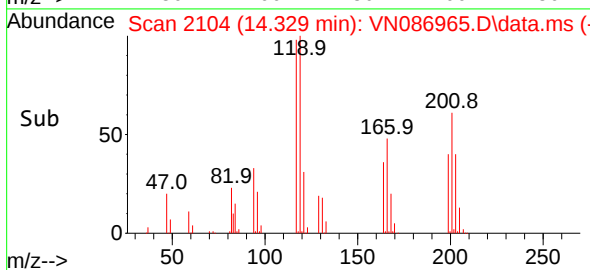
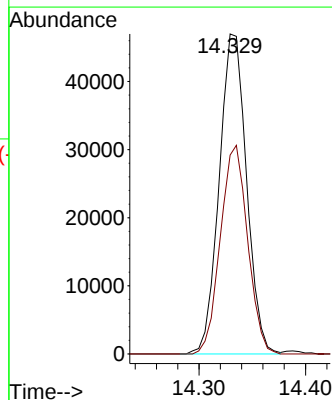
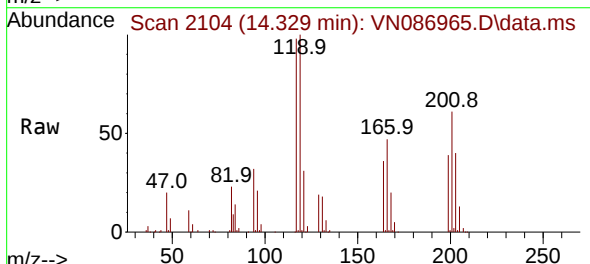
Manual Integrations
APPROVED

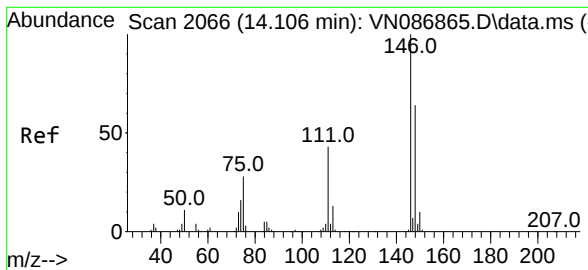
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#90
Hexachloroethane
Concen: 52.642 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Tgt Ion:117 Resp: 83746
Ion Ratio Lower Upper
117 100
201 64.9 33.2 99.6





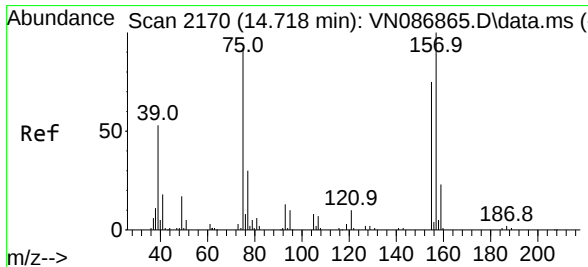
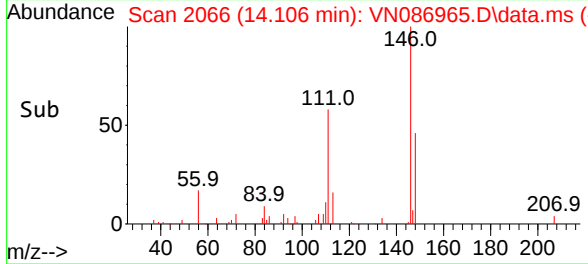
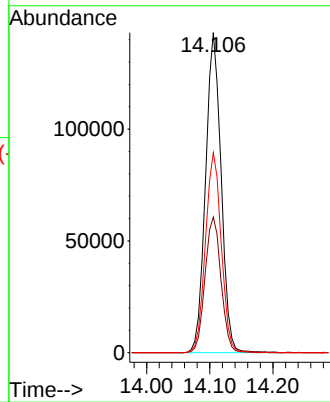
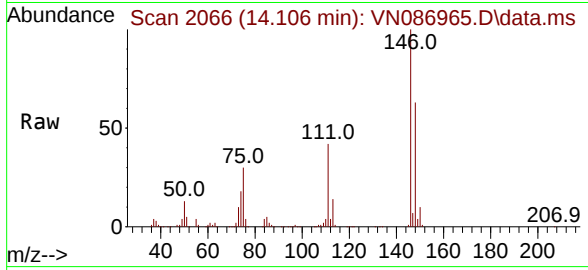
#91
1,2-Dichlorobenzene
Concen: 54.507 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 244439
Ion Ratio Lower Upper
146 100
111 43.5 21.6 64.6
148 63.6 31.7 95.1

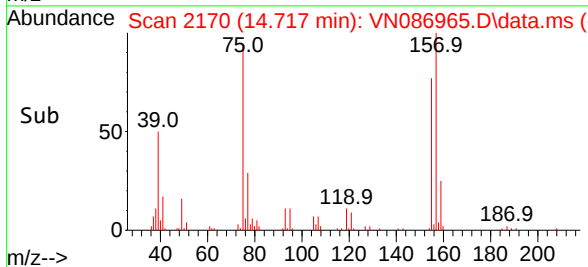
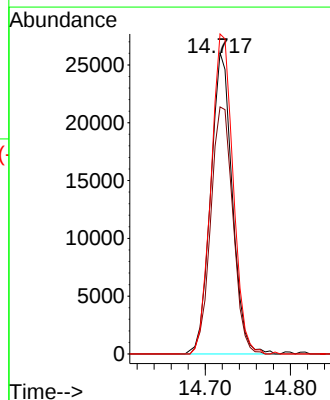
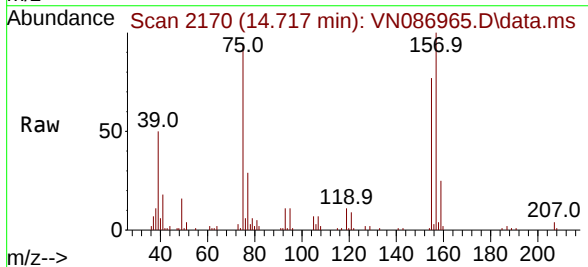
Manual Integrations
APPROVED

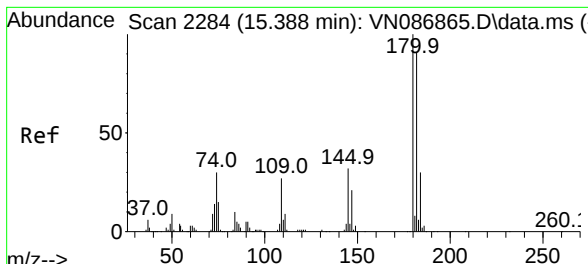
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.724 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

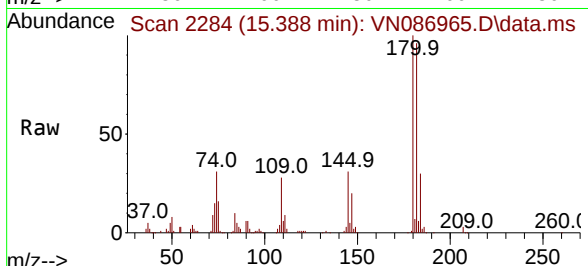
Tgt Ion: 75 Resp: 45867
Ion Ratio Lower Upper
75 100
155 84.4 41.1 123.4
157 108.4 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 49.501 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23

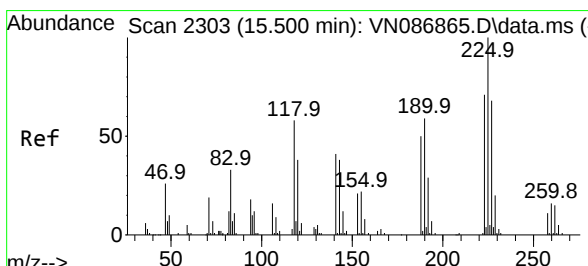
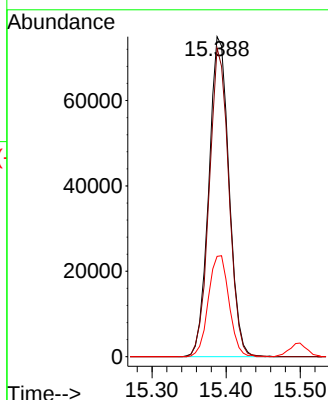
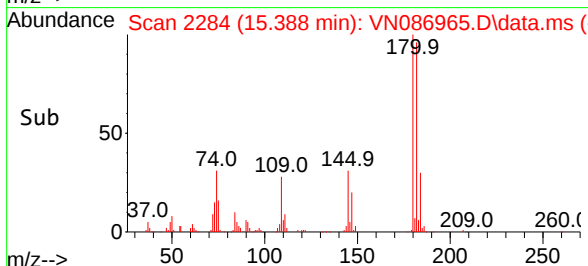
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



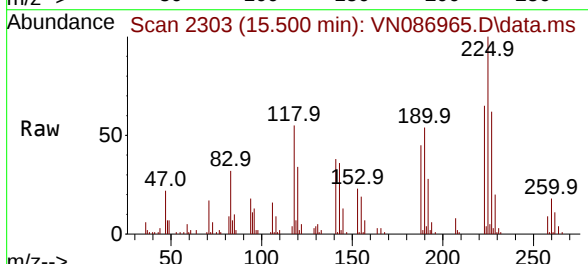
Tgt Ion:180 Resp: 14175
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.7
145 32.3 16.0 47.9

Manual Integrations
APPROVED

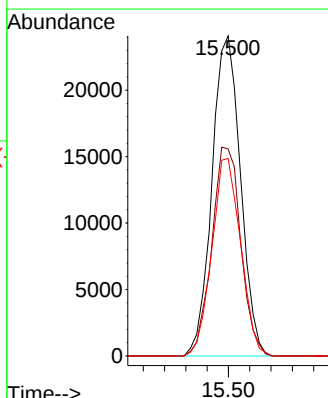
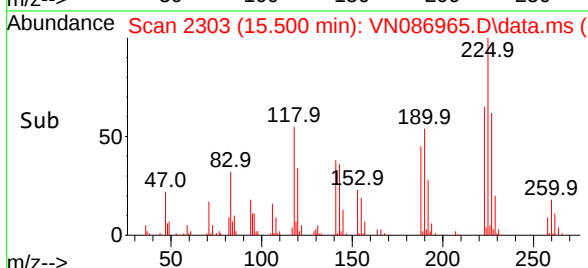
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

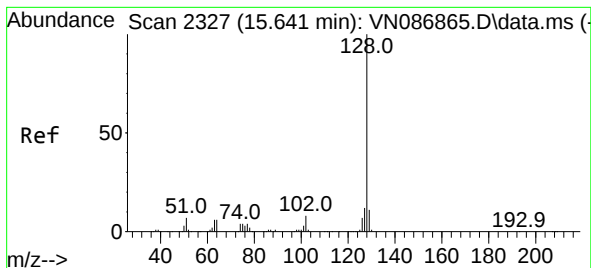


#94
Hexachlorobutadiene
Concen: 41.918 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086965.D
Acq: 11 Jun 2025 21:23



Tgt Ion:225 Resp: 44722
Ion Ratio Lower Upper
225 100
223 66.3 33.5 100.4
227 62.3 31.1 93.5





#95

Naphthalene

Concen: 54.049 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

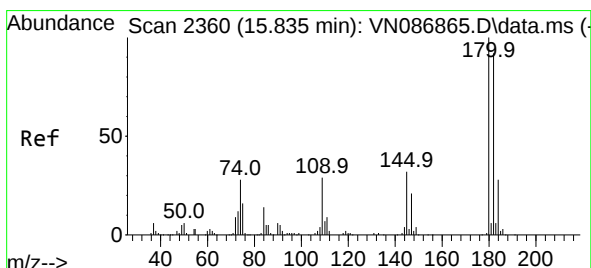
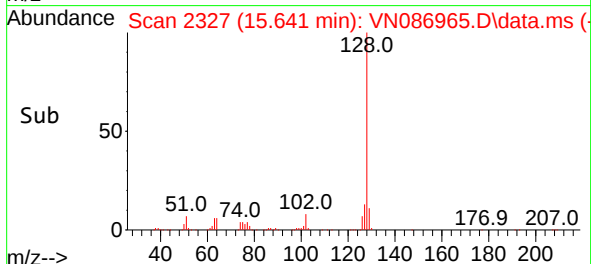
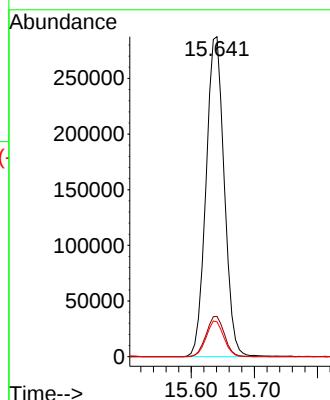
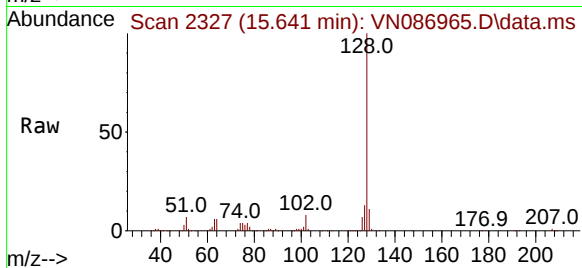
Tgt Ion:	128	Resp:	57610
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Semsettin Yesilyurt 06/12/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.742 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN086965.D

Acq: 11 Jun 2025 21:23

Tgt Ion:	180	Resp:	138678
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.0	141.0
145	33.4	16.6	49.8

