

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086036.D
 Acq On : 21 Mar 2025 13:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2025
 Supervised By : Semsettin Yesilyurt 03/24/2025

Quant Time: Mar 21 22:54:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	163728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	253523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115057	51.319	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.640%			
35) Dibromofluoromethane	8.165	113	93499	52.837	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	10.565	98	359851	56.032	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.060%			
62) 4-Bromofluorobenzene	12.847	95	132042	57.651	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108055	49.815	ug/l	95
3) Chloromethane	2.359	50	88438	46.507	ug/l	99
4) Vinyl Chloride	2.507	62	96215	49.484	ug/l	98
5) Bromomethane	2.942	94	60662	45.803	ug/l	100
6) Chloroethane	3.112	64	57957	47.250	ug/l	96
7) Trichlorofluoromethane	3.495	101	171872	49.173	ug/l	97
8) Diethyl Ether	3.959	74	52398	48.970	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	93720	50.451	ug/l	98
10) Methyl Iodide	4.583	142	124435	51.409	ug/l	92
11) Tert butyl alcohol	5.518	59	70018	220.580	ug/l	97
12) 1,1-Dichloroethene	4.336	96	86308	51.454	ug/l	95
13) Acrolein	4.177	56	101114	298.659	ug/l	97
14) Allyl chloride	5.024	41	94494	45.156	ug/l	97
15) Acrylonitrile	5.718	53	224851	268.216	ug/l	97
16) Acetone	4.424	43	166176	242.610	ug/l	98
17) Carbon Disulfide	4.712	76	256633	46.522	ug/l	99
18) Methyl Acetate	5.024	43	86528	51.059	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	286440	52.112	ug/l	98
20) Methylene Chloride	5.277	84	103078	51.442	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	97315	53.087	ug/l	99
22) Diisopropyl ether	6.671	45	245779	55.115	ug/l	96
23) Vinyl Acetate	6.600	43	910646	269.383	ug/l	100
24) 1,1-Dichloroethane	6.565	63	170839	52.098	ug/l	97
25) 2-Butanone	7.483	43	255996	259.016	ug/l	95
26) 2,2-Dichloropropane	7.489	77	141339	44.769	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	110714	53.148	ug/l	99
28) Bromochloromethane	7.812	49	72328	52.060	ug/l	99
29) Tetrahydrofuran	7.836	42	175553	287.713	ug/l	99
30) Chloroform	7.965	83	190234	52.484	ug/l	98
31) Cyclohexane	8.259	56	135044	48.341	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	178584	52.050	ug/l	98
36) 1,1-Dichloropropene	8.371	75	129290	55.488	ug/l	99
37) Ethyl Acetate	7.559	43	105111	53.471	ug/l	100
38) Carbon Tetrachloride	8.359	117	166470	54.337	ug/l	99
39) Methylcyclohexane	9.600	83	119192	51.559	ug/l	98
40) Benzene	8.606	78	402242	54.991	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	52611	56.050	ug/l	99
42) 1,2-Dichloroethane	8.671	62	137424	53.919	ug/l	100
43) Isopropyl Acetate	8.683	43	168193	39.485	ug/l	99
44) Trichloroethene	9.347	130	92913	49.010	ug/l	99
45) 1,2-Dichloropropane	9.618	63	94435	56.763	ug/l	98
46) Dibromomethane	9.706	93	72553	55.453	ug/l	98
47) Bromodichloromethane	9.883	83	151208	55.298	ug/l	99
48) Methyl methacrylate	9.677	41	79191	56.338	ug/l	98
49) 1,4-Dioxane	9.694	88	38370	1154.720	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	565757	301.158	ug/l	98
52) Toluene	10.630	92	265190	59.071	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	142912	53.816	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	153379	54.743	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	98942	57.743	ug/l	95
56) Ethyl methacrylate	10.871	69	141326	52.373	ug/l	99
57) 1,3-Dichloropropane	11.159	76	162635	55.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	319939	300.152	ug/l	99
59) 2-Hexanone	11.194	43	421427	307.936	ug/l	98
60) Dibromochloromethane	11.359	129	125903	56.942	ug/l	98
61) 1,2-Dibromoethane	11.471	107	98586	56.044	ug/l	95
64) Tetrachloroethene	11.100	164	95978	49.824	ug/l	98
65) Chlorobenzene	11.888	112	283581	51.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	109310	53.214	ug/l	99
67) Ethyl Benzene	11.965	91	488752	55.293	ug/l	97
68) m/p-Xylenes	12.071	106	401924	115.687	ug/l	99
69) o-Xylene	12.400	106	185580	58.200	ug/l	99
70) Styrene	12.412	104	325424	59.750	ug/l	99
71) Bromoform	12.576	173	90578	52.748	ug/l #	97
73) Isopropylbenzene	12.694	105	467711	49.308	ug/l	99
74) N-amyl acetate	12.494	43	158416	49.918	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	149745	46.663	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	148586m	47.780	ug/l	
77) Bromobenzene	12.976	156	126401	47.790	ug/l	99
78) n-propylbenzene	13.035	91	568424	52.921	ug/l	99
79) 2-Chlorotoluene	13.123	91	353043	49.485	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	427177	53.340	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	52263	44.432	ug/l	89
82) 4-Chlorotoluene	13.218	91	370842	50.547	ug/l	98
83) tert-Butylbenzene	13.435	119	349102	50.968	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	437972	54.221	ug/l	99
85) sec-Butylbenzene	13.612	105	474302	53.082	ug/l	100
86) p-Isopropyltoluene	13.729	119	409715	54.168	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	241434	50.641	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	238063	47.527	ug/l	99
89) n-Butylbenzene	14.053	91	318015	51.631	ug/l	98
90) Hexachloroethane	14.335	117	80986	46.403	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	231463	48.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30890	48.222	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	106133	44.537	ug/l	97
94) Hexachlorobutadiene	15.500	225	58150	42.060	ug/l	100
95) Naphthalene	15.641	128	310651	45.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	107925	47.728	ug/l	98

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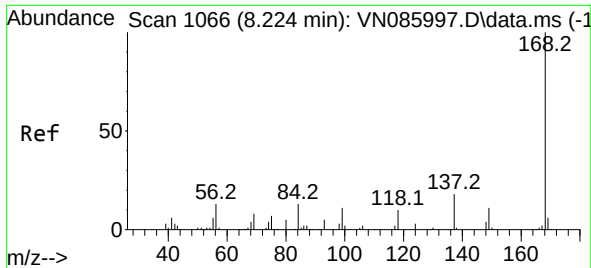
Manual Integrations
APPROVED

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QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

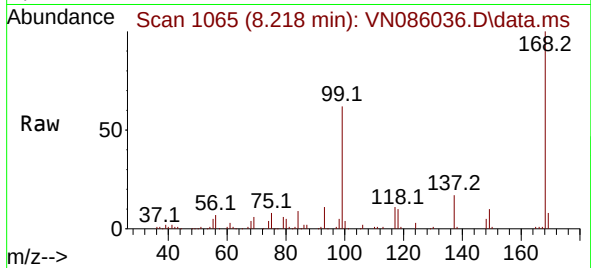
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
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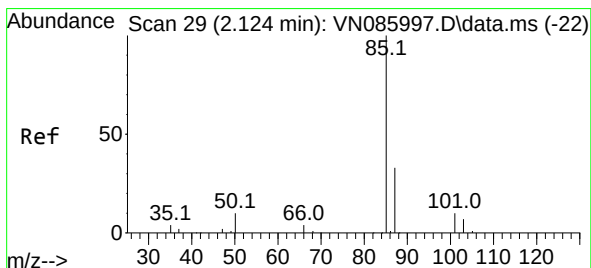
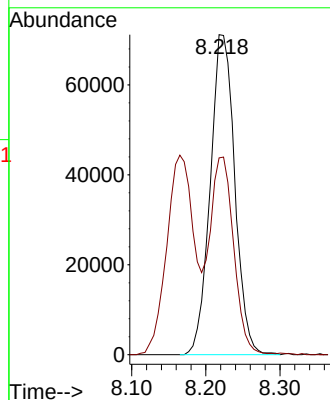
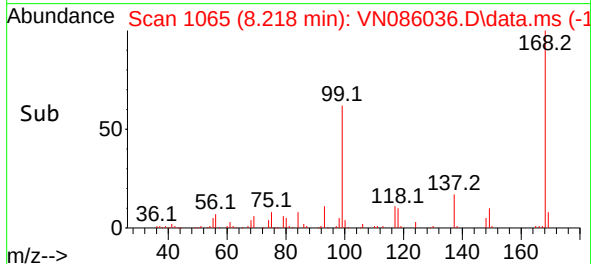
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 163728
Ion Ratio Lower Upper
168 100
99 61.0 49.4 74.2

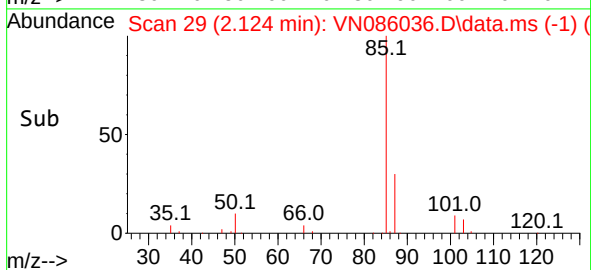
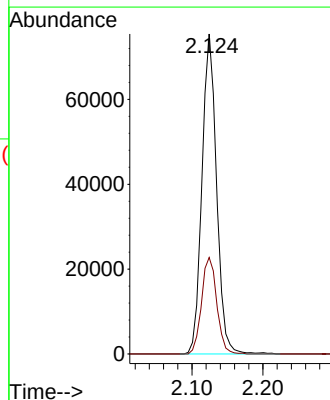
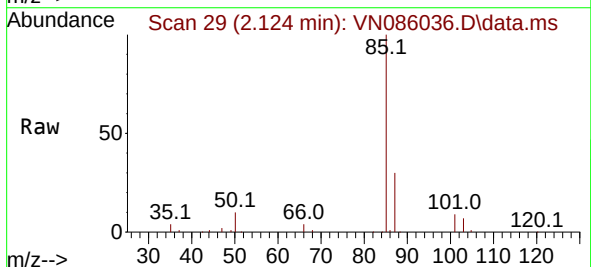
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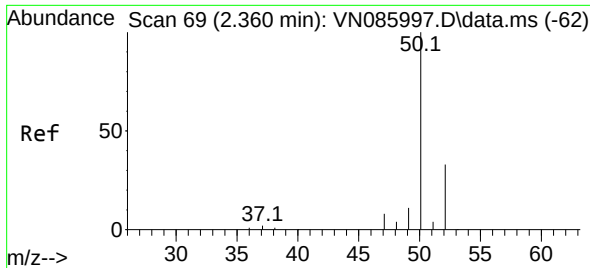
Reviewed By :John Carlone 03/24/2025
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#2
Dichlorodifluoromethane
Concen: 49.815 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion: 85 Resp: 108055
Ion Ratio Lower Upper
85 100
87 30.2 16.5 49.5





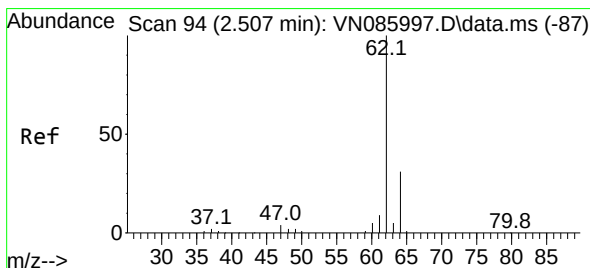
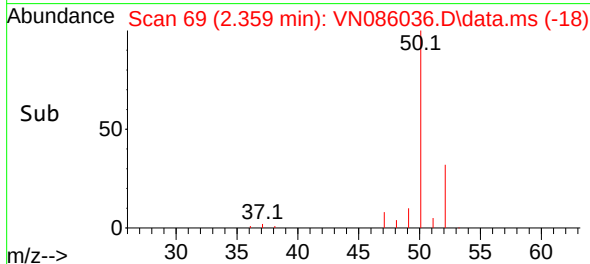
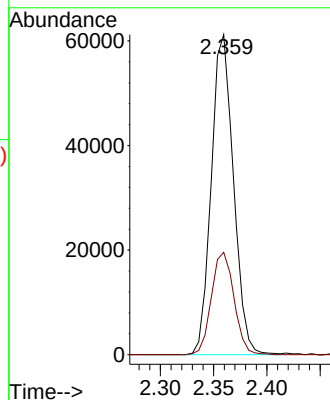
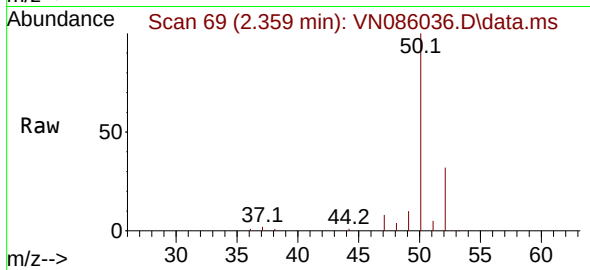
#3
Chloromethane
Concen: 46.507 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086036.D
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Tgt Ion: 50 Resp: 88438
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0

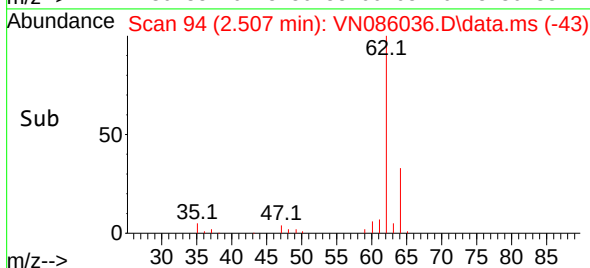
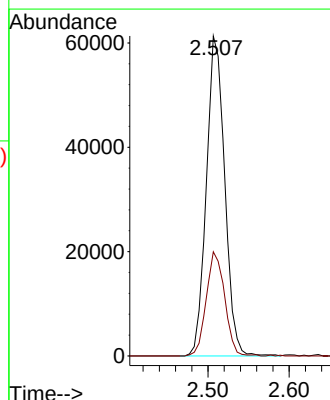
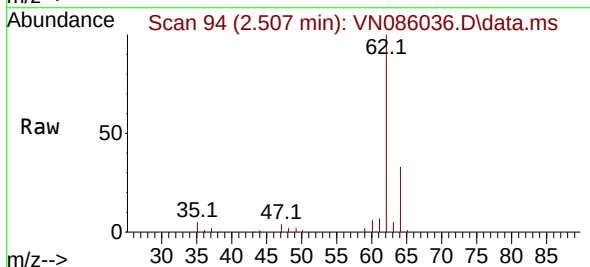
Manual Integrations
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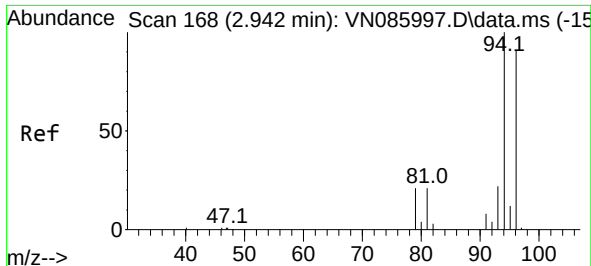
Reviewed By :John Carlone 03/24/2025
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#4
Vinyl Chloride
Concen: 49.484 ug/l
RT: 2.507 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

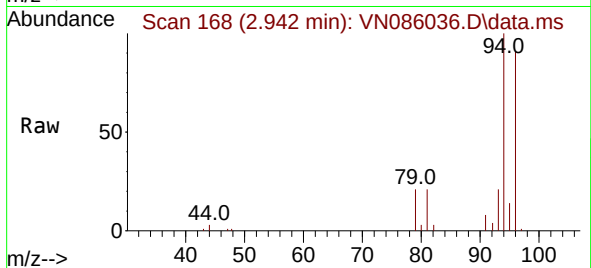
Tgt Ion: 62 Resp: 96215
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8





#5
Bromomethane
Concen: 45.803 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.000 min
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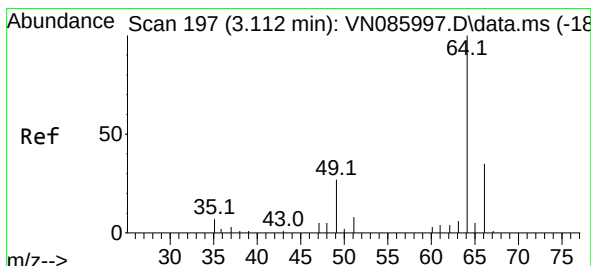
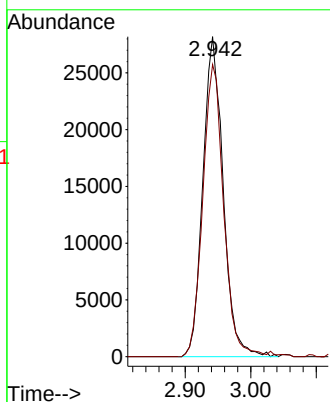
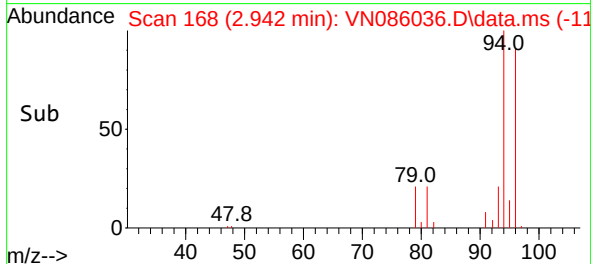
Instrument :
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ClientSampleId :
VSTDCCC050



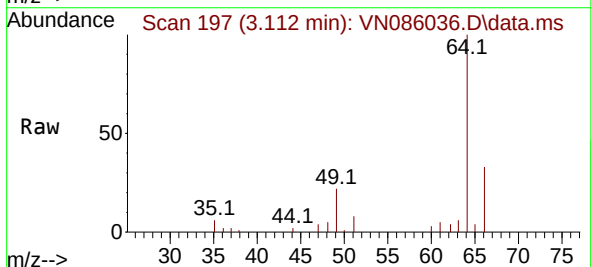
Tgt Ion: 94 Resp: 60662
Ion Ratio Lower Upper
94 100
96 91.3 72.8 109.2

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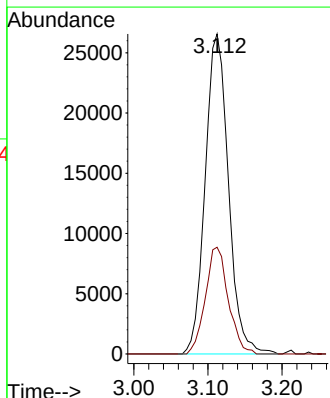
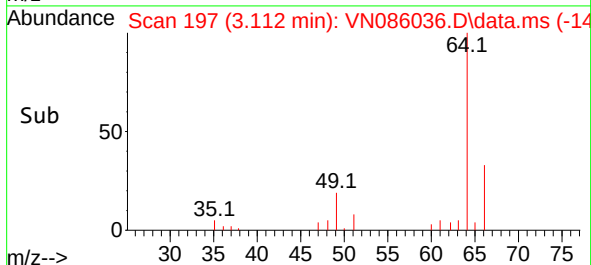
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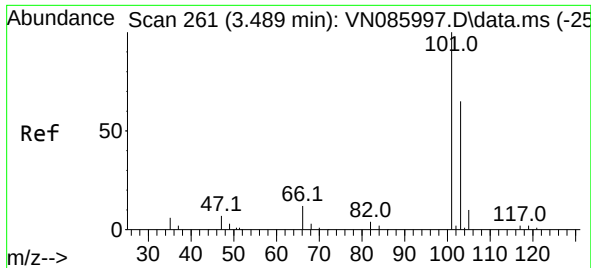


#6
Chloroethane
Concen: 47.250 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086036.D
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Tgt Ion: 64 Resp: 57957
Ion Ratio Lower Upper
64 100
66 33.3 28.3 42.5





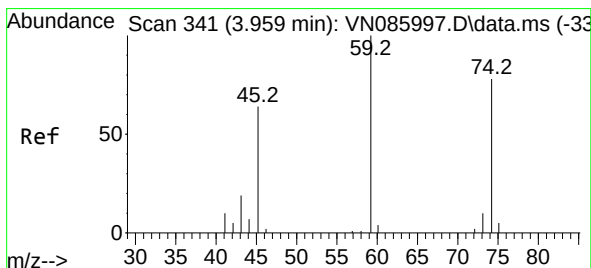
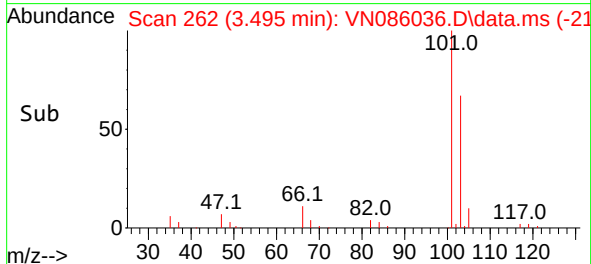
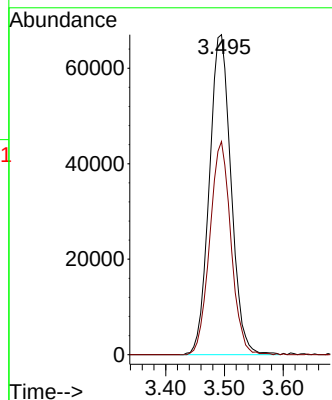
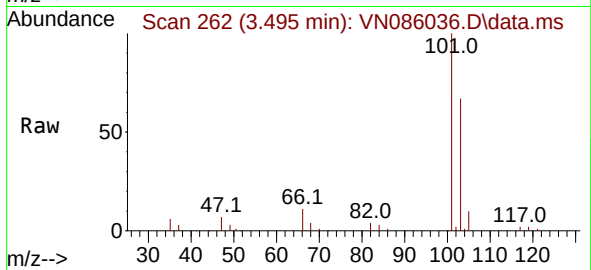
#7
 Trichlorofluoromethane
 Concen: 49.173 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17

Instrument :
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 VSTDCCC050

Tgt Ion:101 Resp: 171872
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.7 77.5

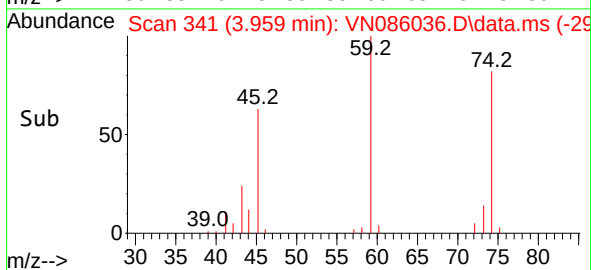
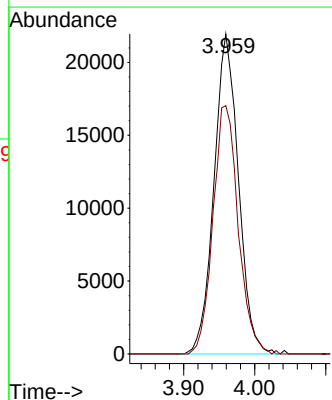
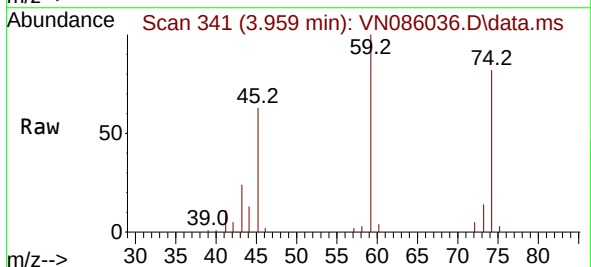
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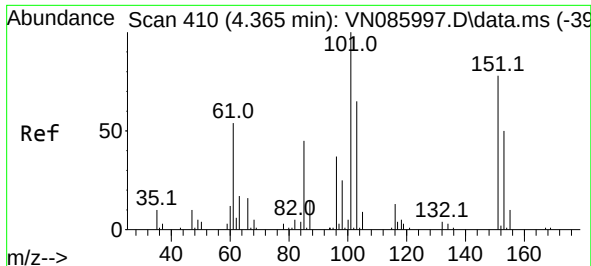
Reviewed By :John Carlone 03/24/2025
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#8
 Diethyl Ether
 Concen: 48.970 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 52398
 Ion Ratio Lower Upper
 74 100
 45 80.3 38.0 113.9





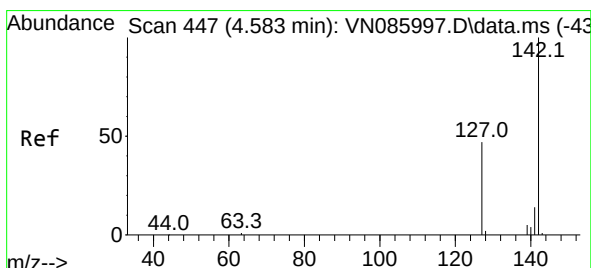
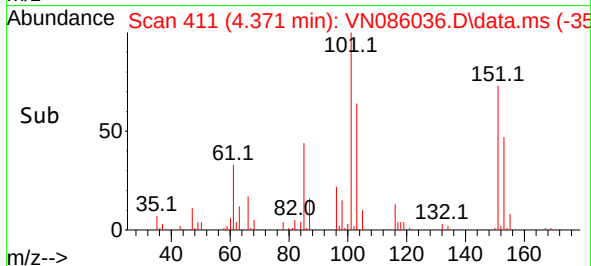
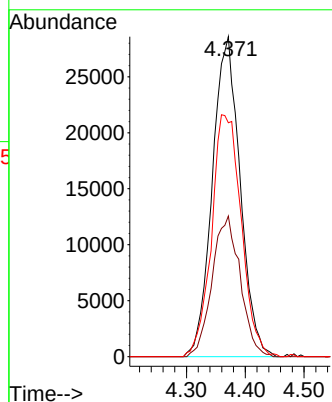
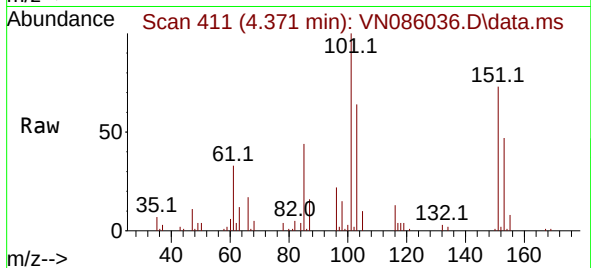
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.451 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 93720
Ion Ratio Lower Upper
101 100
85 44.4 36.5 54.7
151 80.9 63.4 95.0

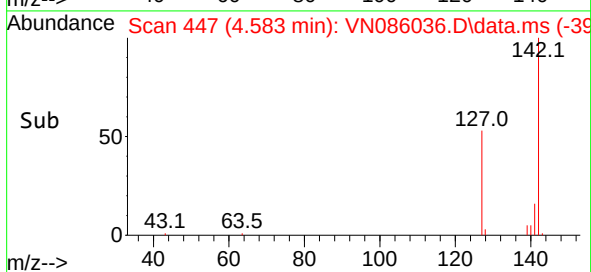
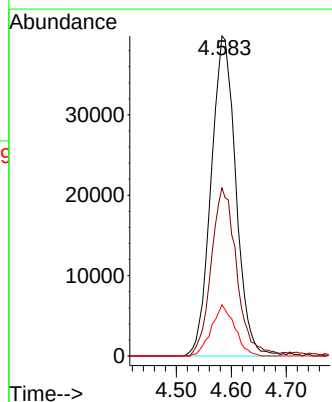
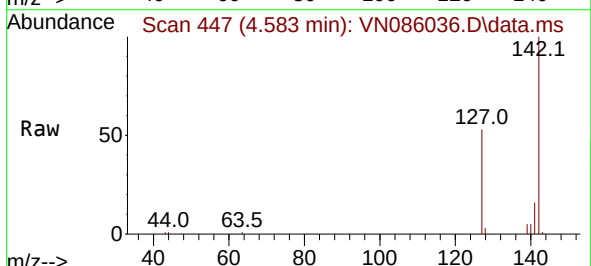
Manual Integrations
APPROVED

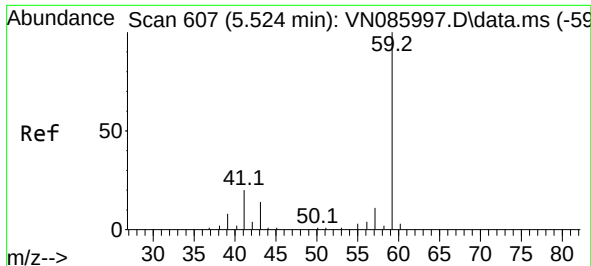
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#10
Methyl Iodide
Concen: 51.409 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

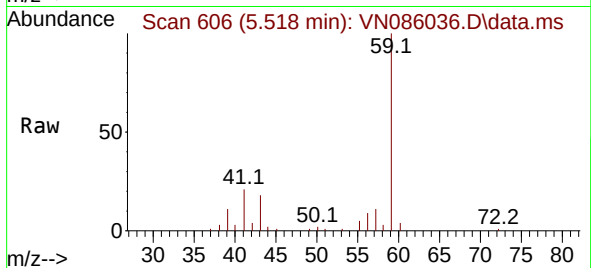
Tgt Ion:142 Resp: 124435
Ion Ratio Lower Upper
142 100
127 52.5 37.5 56.3
141 16.0 11.0 16.6





#11
Tert butyl alcohol
Concen: 220.580 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

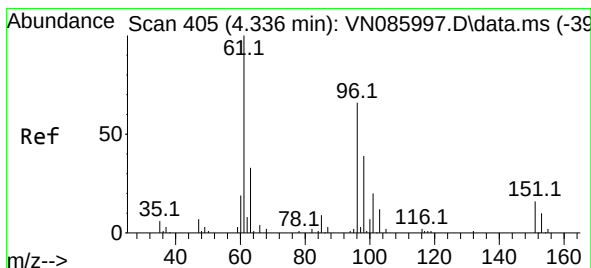
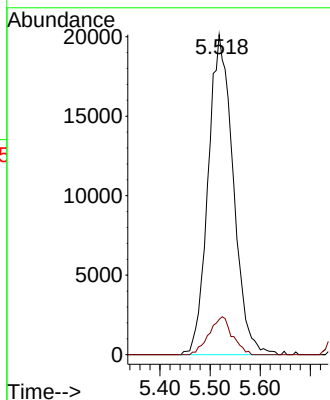
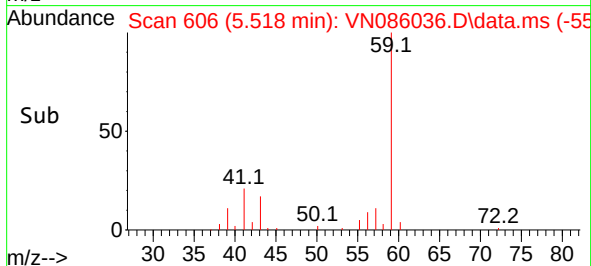
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



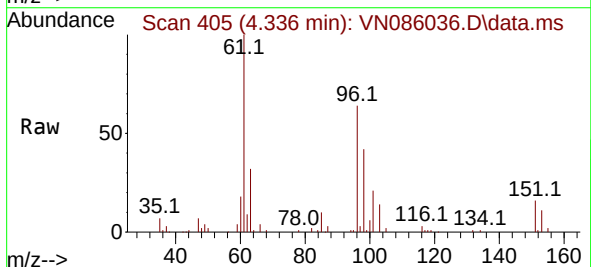
Tgt Ion: 59 Resp: 70018
Ion Ratio Lower Upper
59 100
57 11.0 7.9 11.9

Manual Integrations
APPROVED

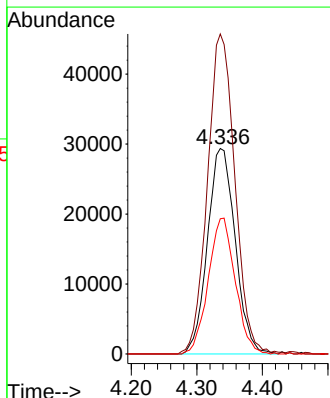
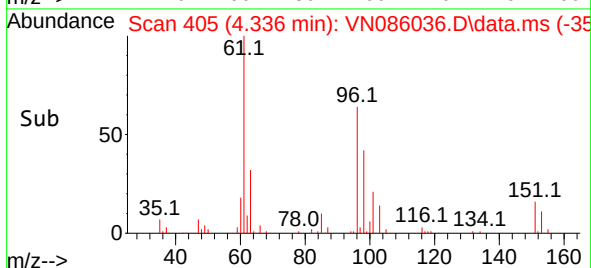
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

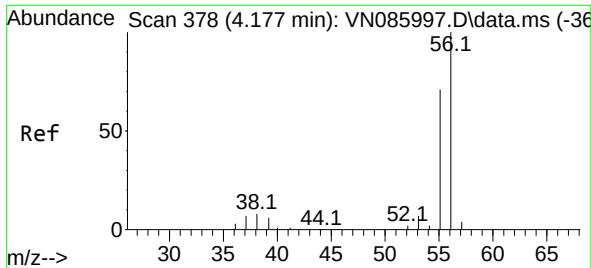


#12
1,1-Dichloroethene
Concen: 51.454 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17



Tgt Ion: 96 Resp: 86308
Ion Ratio Lower Upper
96 100
61 155.8 120.5 180.7
98 65.8 47.4 71.0





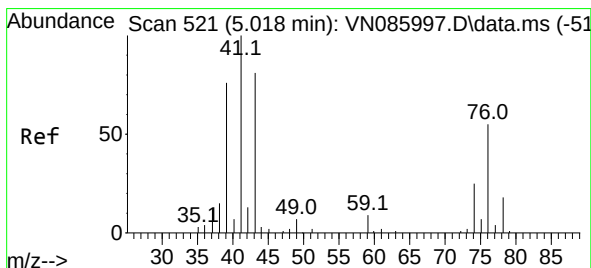
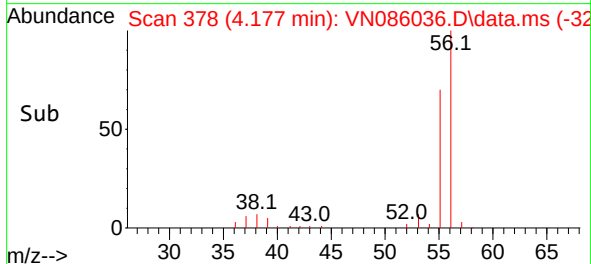
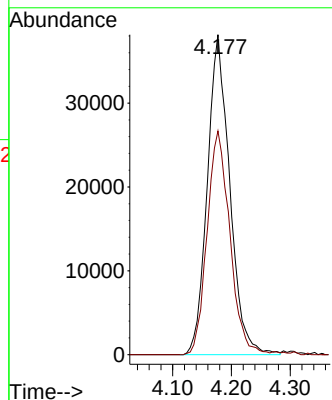
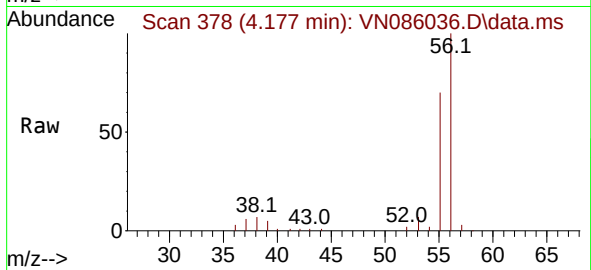
#13
Acrolein
Concen: 298.659 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 101114
Ion Ratio Lower Upper
56 100
55 71.0 55.1 82.7

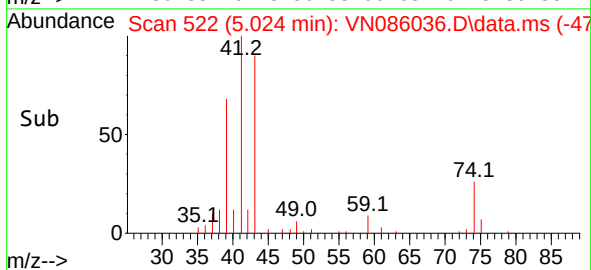
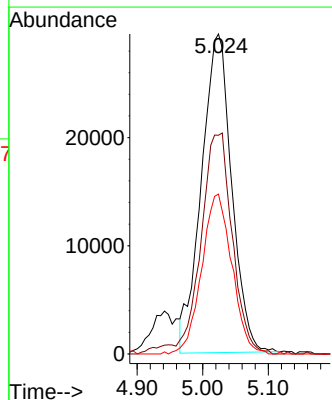
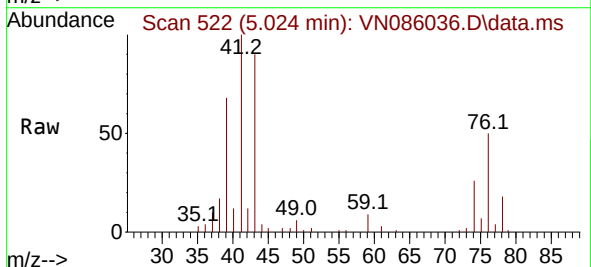
Manual Integrations
APPROVED

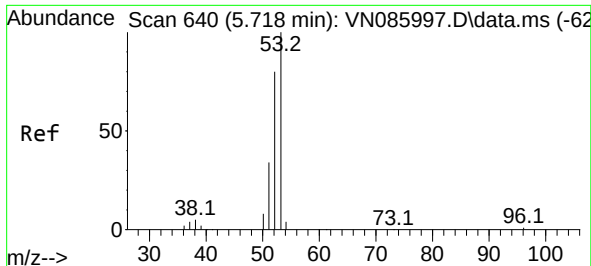
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#14
Allyl chloride
Concen: 45.156 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

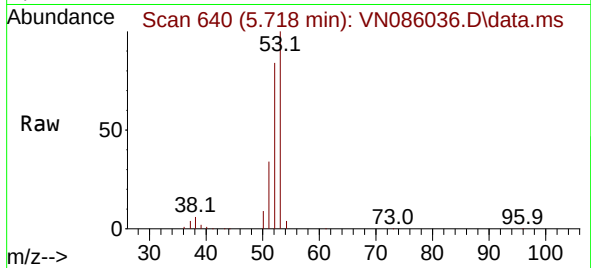
Tgt Ion: 41 Resp: 94494
Ion Ratio Lower Upper
41 100
39 73.1 55.5 83.3
76 50.1 39.1 58.7





#15
Acrylonitrile
Concen: 268.216 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

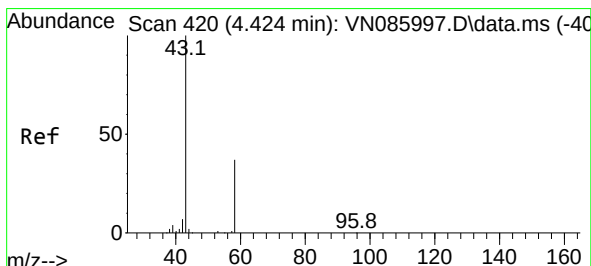
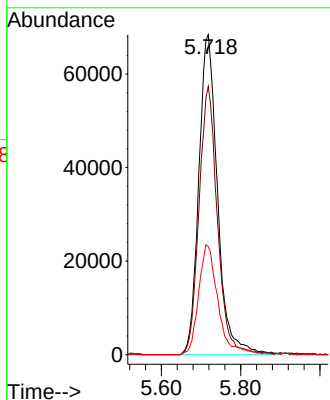
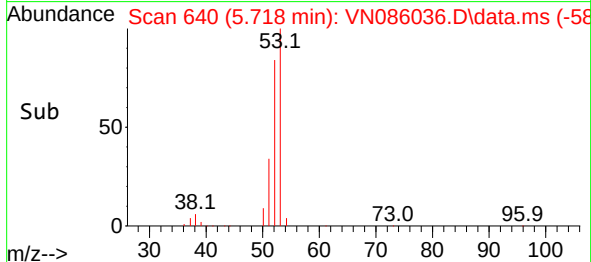
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 22485
Ion Ratio Lower Upper
53 100
52 82.3 63.9 95.9
51 35.6 27.1 40.7

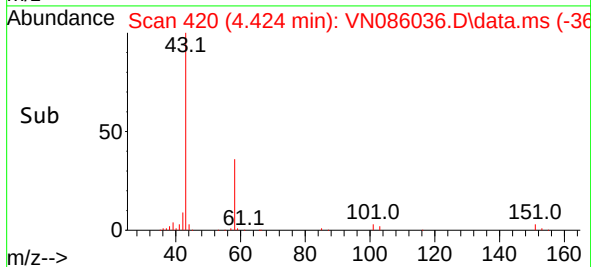
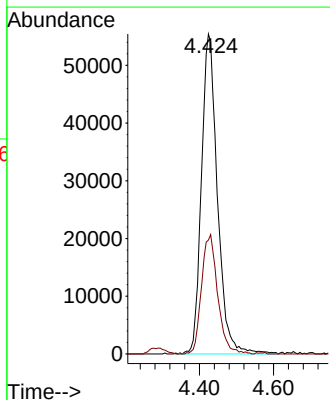
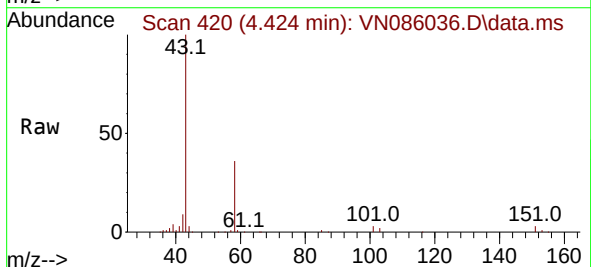
Manual Integrations
APPROVED

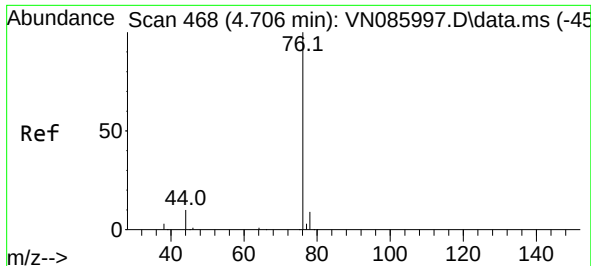
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#16
Acetone
Concen: 242.610 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

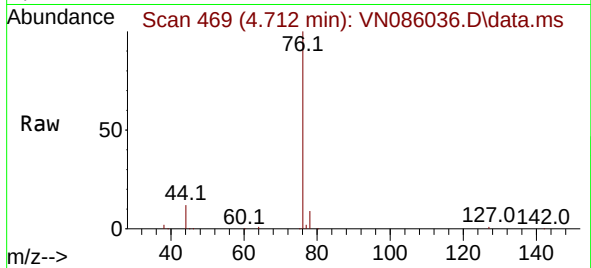
Tgt Ion: 43 Resp: 166176
Ion Ratio Lower Upper
43 100
58 35.6 29.4 44.2





#17
Carbon Disulfide
Concen: 46.522 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

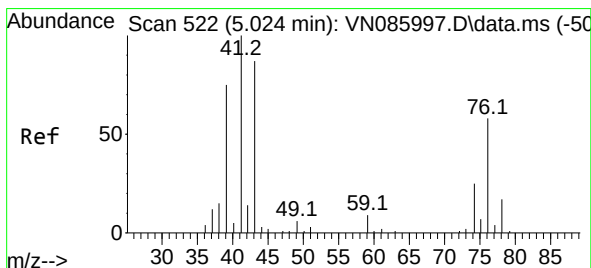
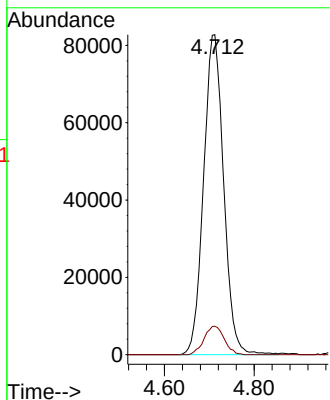
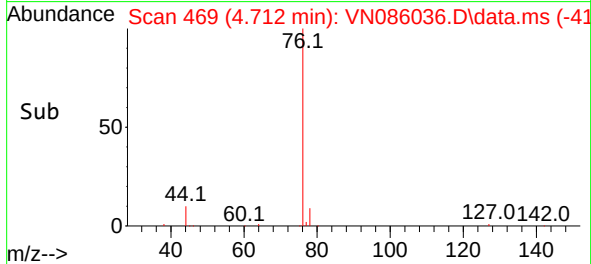
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 25663
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

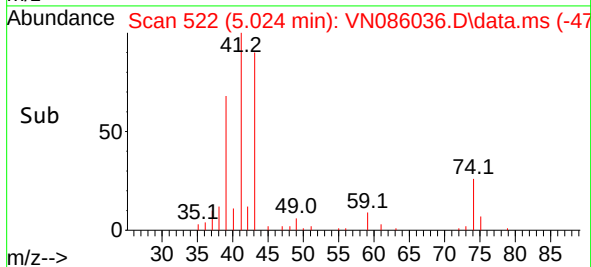
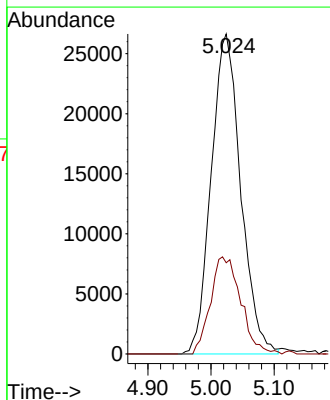
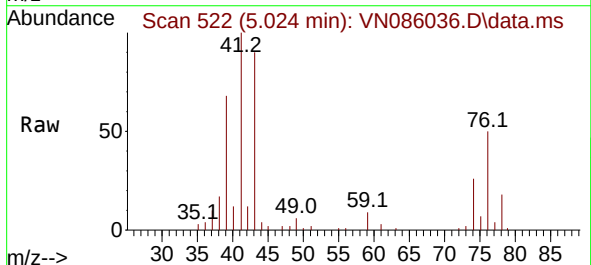
Manual Integrations
APPROVED

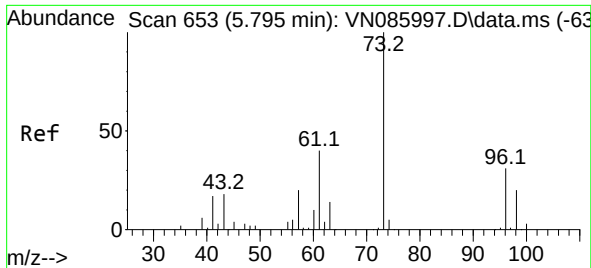
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#18
Methyl Acetate
Concen: 51.059 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion: 43 Resp: 86528
Ion Ratio Lower Upper
43 100
74 31.0 23.9 35.9





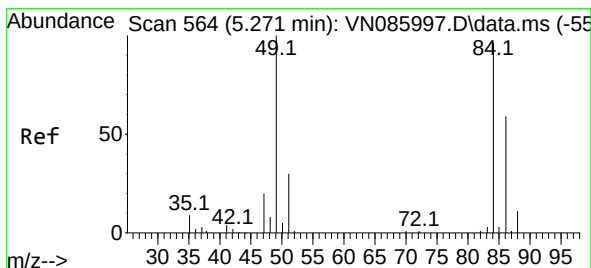
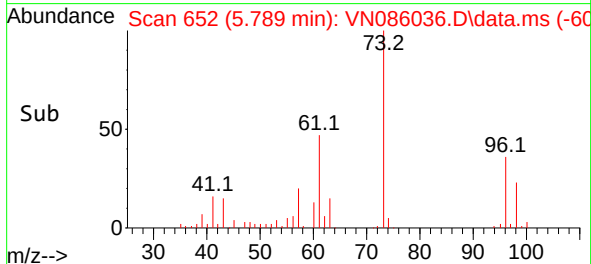
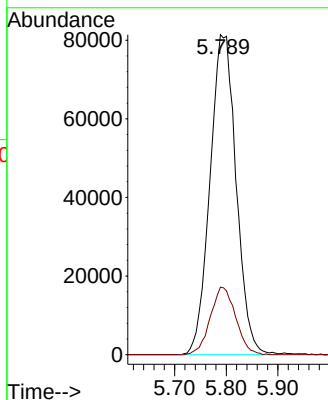
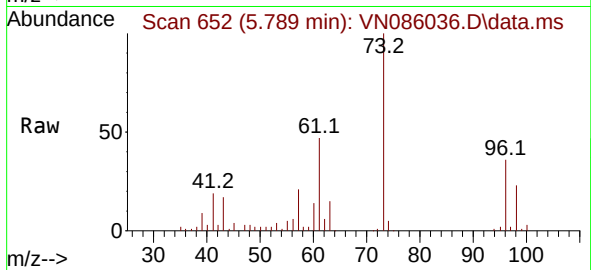
#19
Methyl tert-butyl Ether
Concen: 52.112 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 286440
Ion Ratio Lower Upper
73 100
57 21.1 16.1 24.1

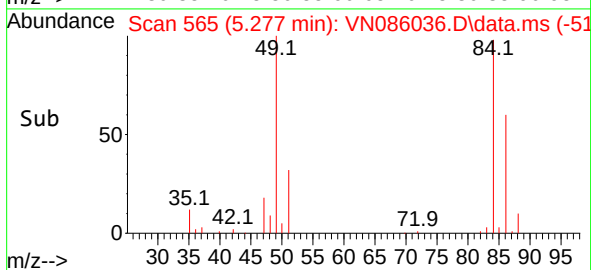
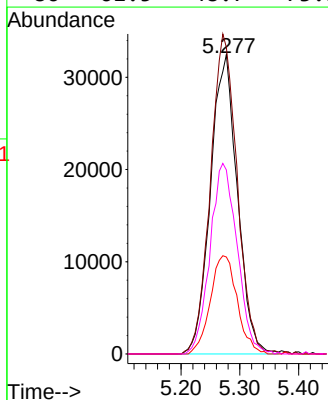
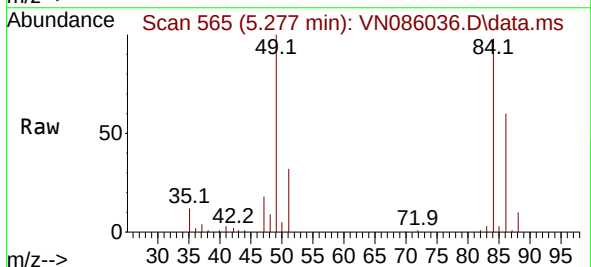
Manual Integrations
APPROVED

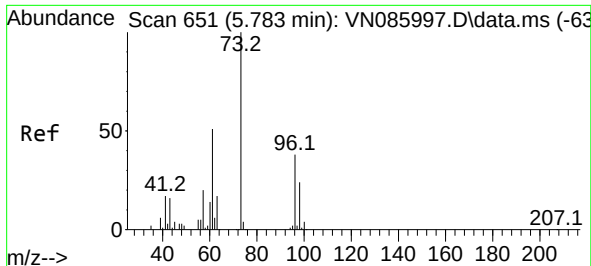
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#20
Methylene Chloride
Concen: 51.442 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

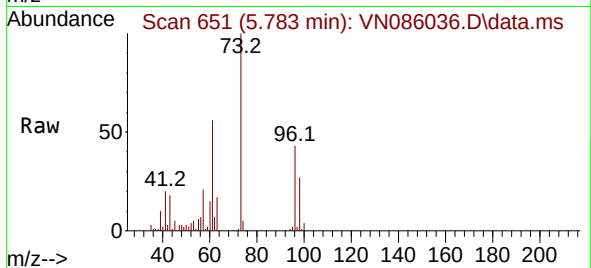
Tgt Ion: 84 Resp: 103078
Ion Ratio Lower Upper
84 100
49 102.4 83.3 124.9
51 32.4 24.8 37.2
86 61.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 53.087 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

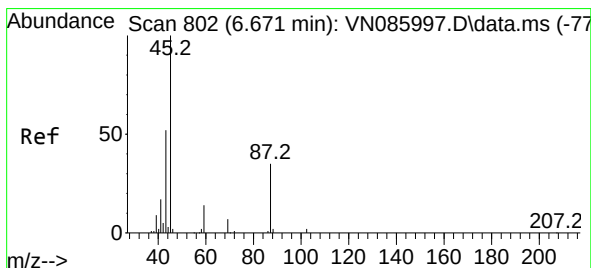
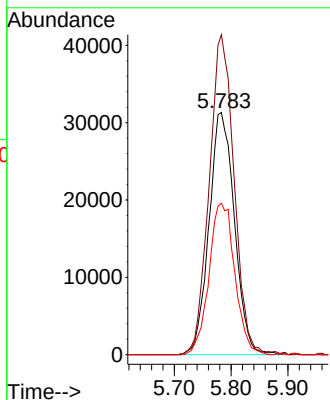
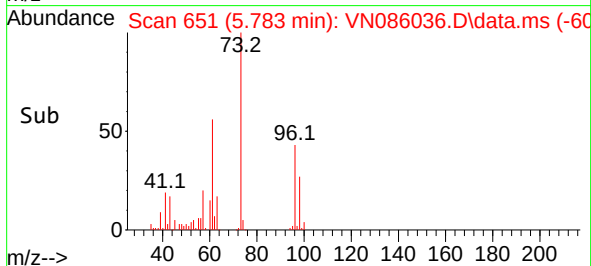
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 97315
Ion Ratio Lower Upper
96 100
61 132.1 106.6 160.0
98 62.6 50.0 75.0

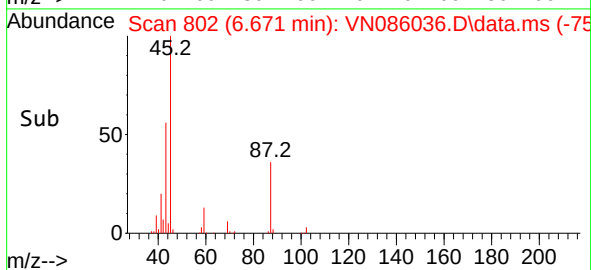
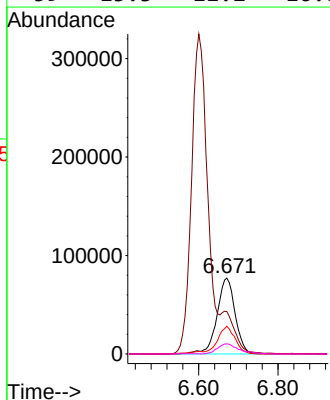
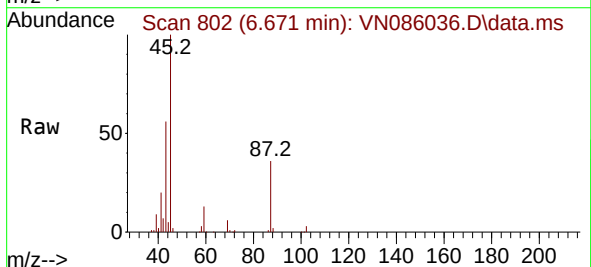
Manual Integrations
APPROVED

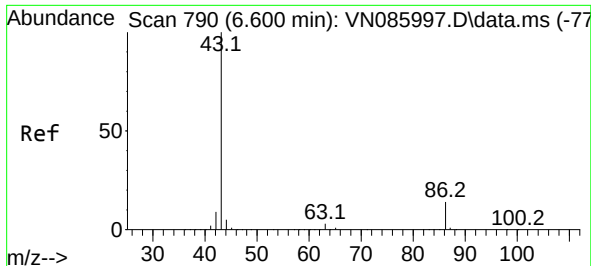
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#22
Diisopropyl ether
Concen: 55.115 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

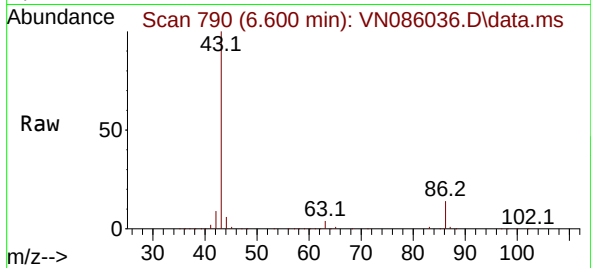
Tgt Ion: 45 Resp: 245779
Ion Ratio Lower Upper
45 100
43 55.5 41.2 61.8
87 36.5 28.5 42.7
59 13.3 11.2 16.8





#23
 Vinyl Acetate
 Concen: 269.383 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17

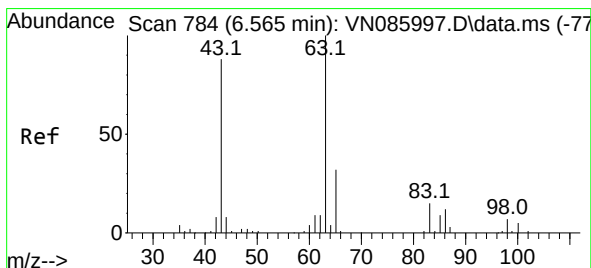
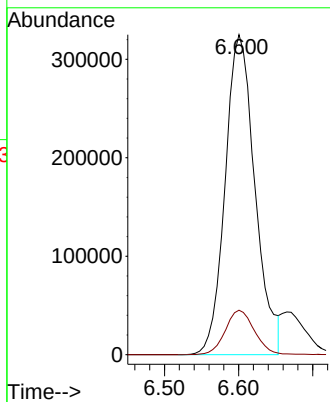
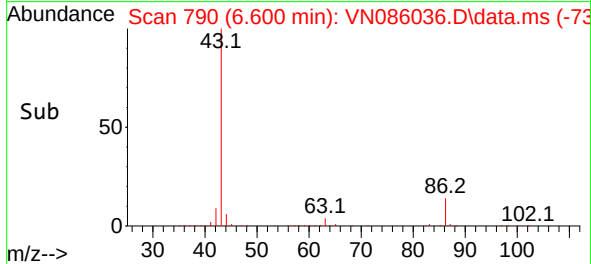
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



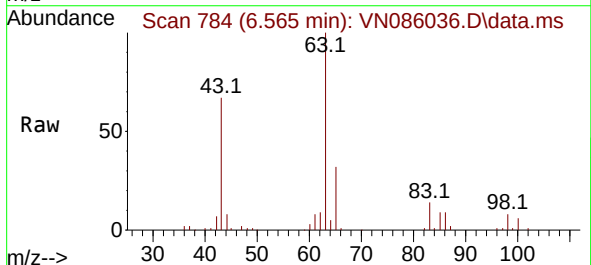
Tgt Ion: 43 Resp: 910640
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.2 16.8

Manual Integrations
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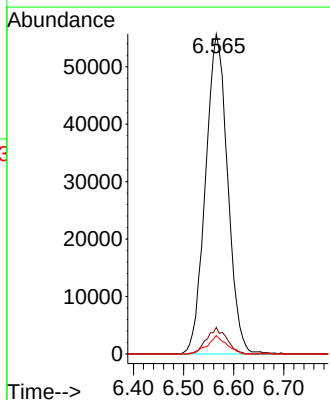
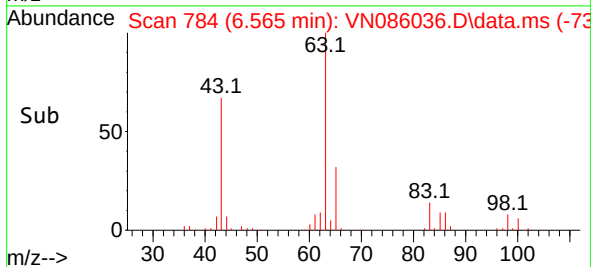
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025

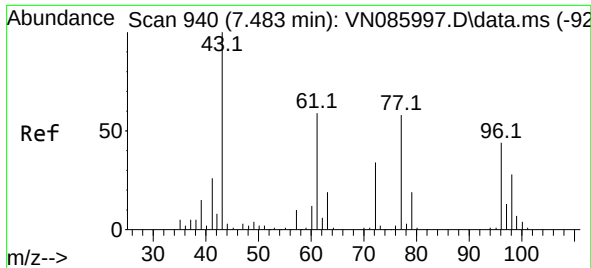


#24
 1,1-Dichloroethane
 Concen: 52.098 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17



Tgt Ion: 63 Resp: 170839
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.9
 100 5.8 2.5 7.5





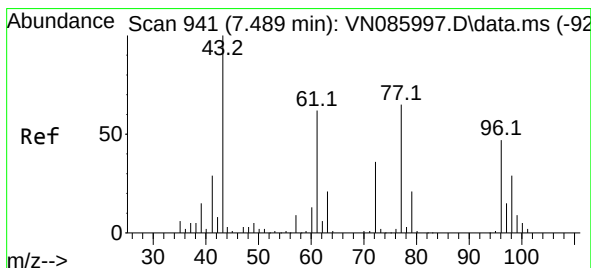
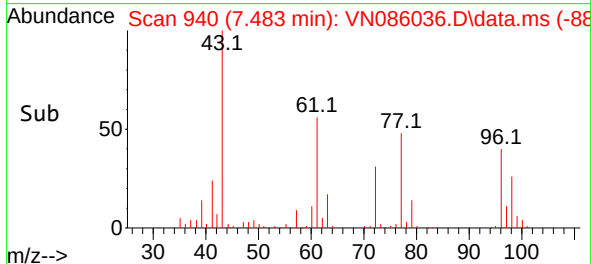
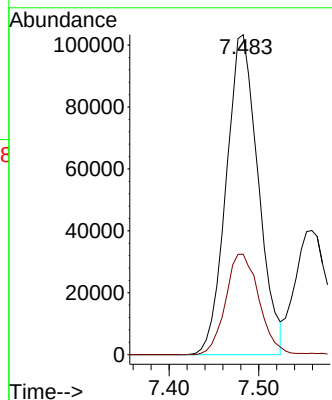
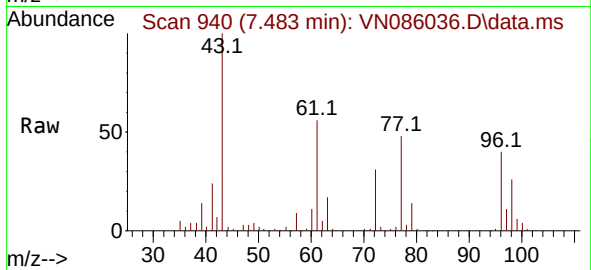
#25
2-Butanone
Concen: 259.016 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 255990
Ion Ratio Lower Upper
43 100
72 31.4 27.4 41.0

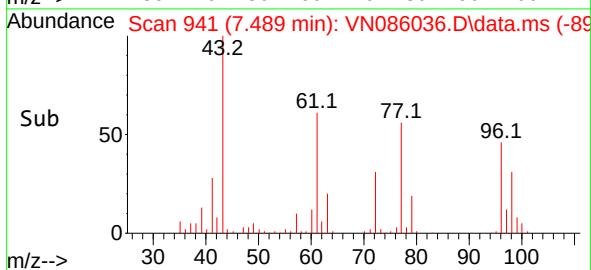
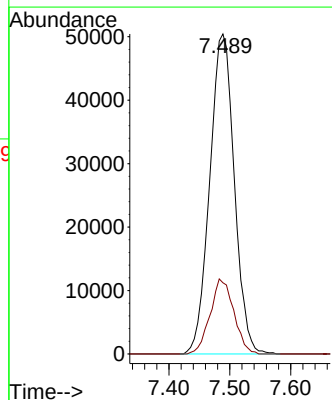
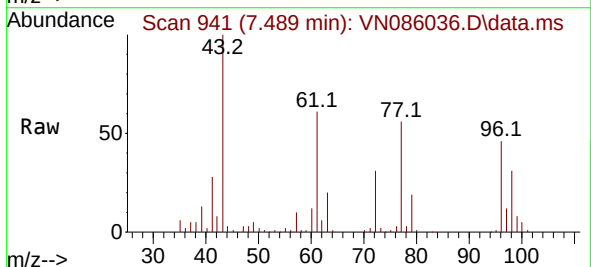
Manual Integrations
APPROVED

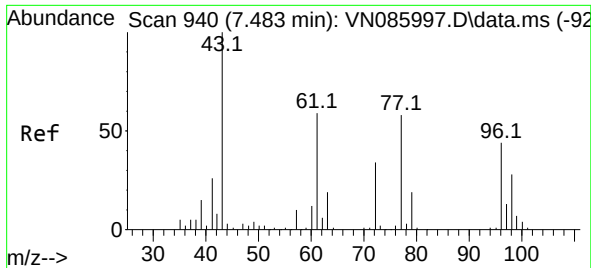
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#26
2,2-Dichloropropane
Concen: 44.769 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

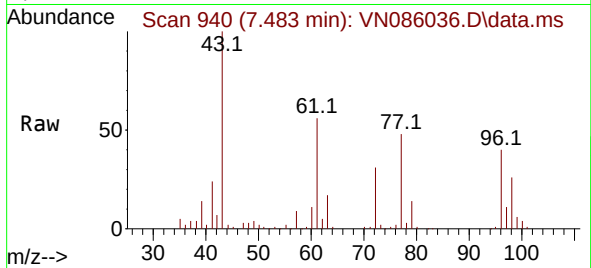
Tgt Ion: 77 Resp: 141339
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 53.148 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17

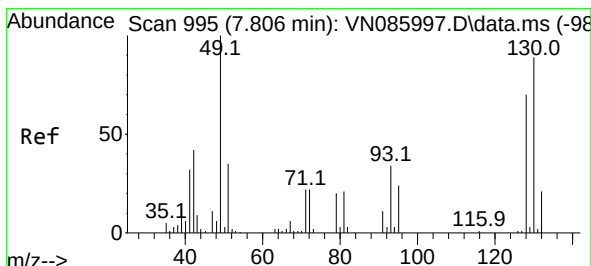
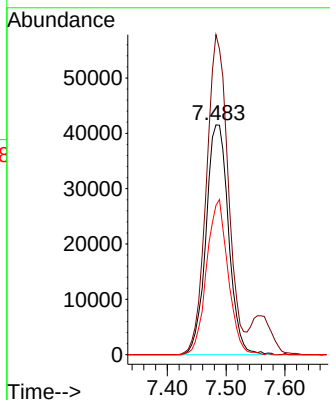
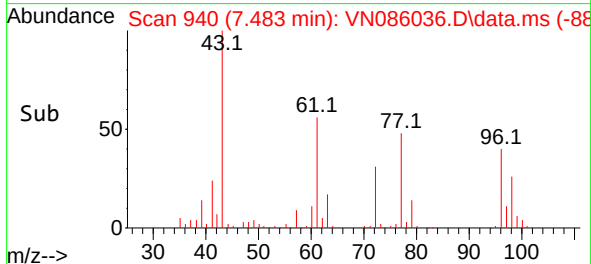
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



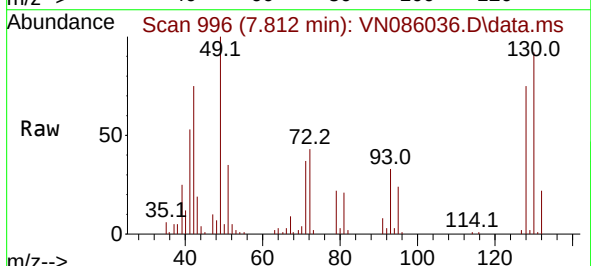
Tgt Ion: 96 Resp: 110714
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 272.8
 98 64.3 0.0 124.8

Manual Integrations
 APPROVED

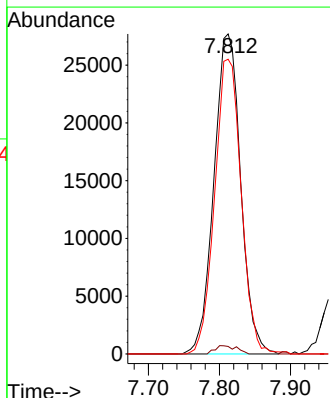
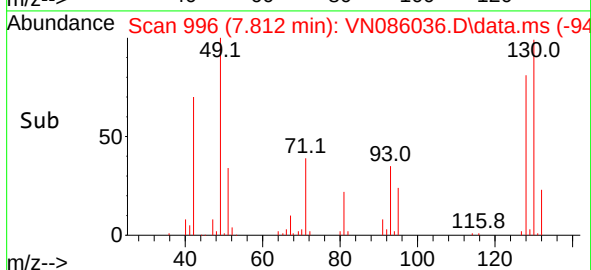
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025

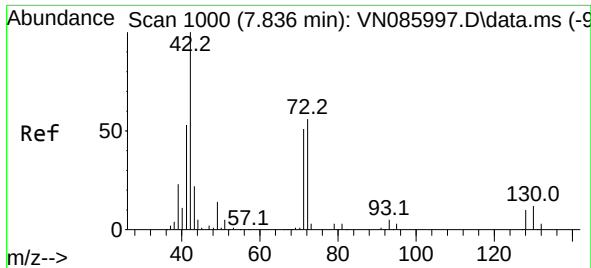


#28
 Bromochloromethane
 Concen: 52.060 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17



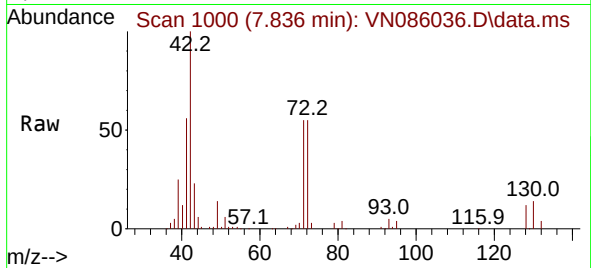
Tgt Ion: 49 Resp: 72328
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 91.4 74.2 111.4





#29
Tetrahydrofuran
Concen: 287.713 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

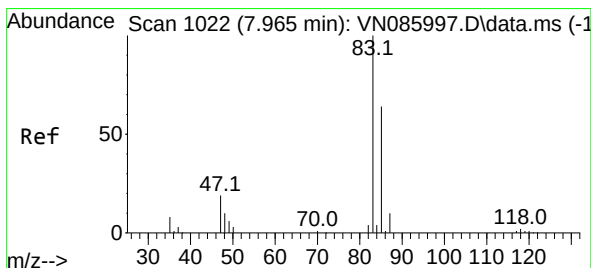
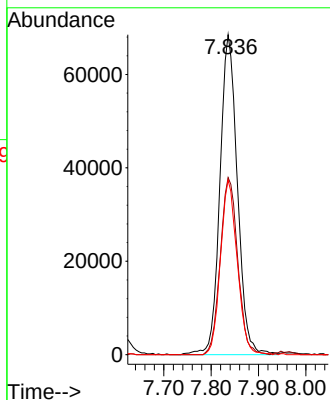
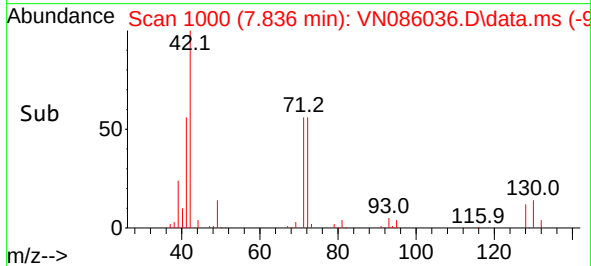
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 17555
Ion Ratio Lower Upper
42 100
72 55.3 45.0 67.4
71 52.2 41.9 62.9

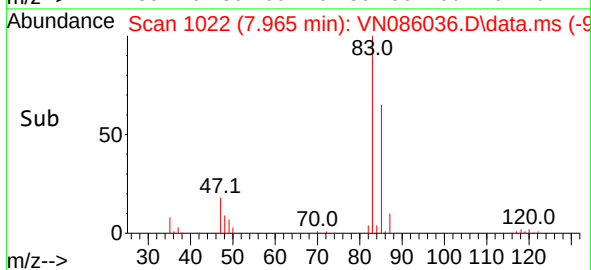
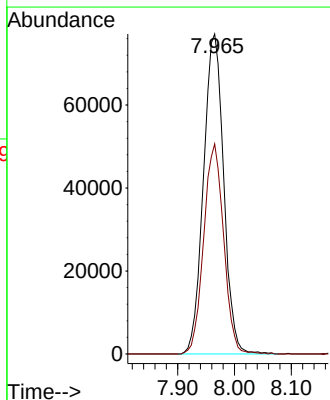
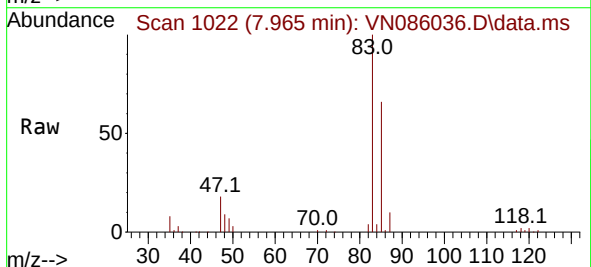
Manual Integrations
APPROVED

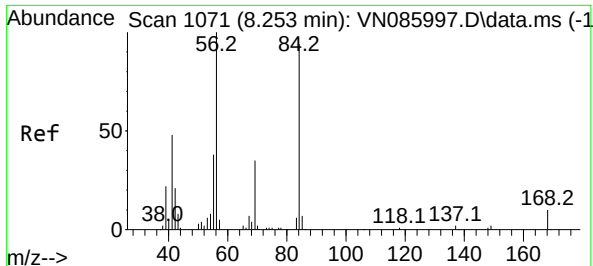
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#30
Chloroform
Concen: 52.484 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

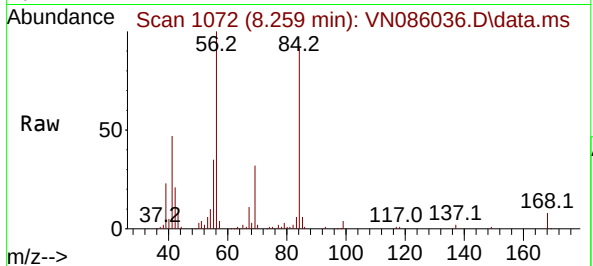
Tgt Ion: 83 Resp: 190234
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3





#31
Cyclohexane
Concen: 48.341 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

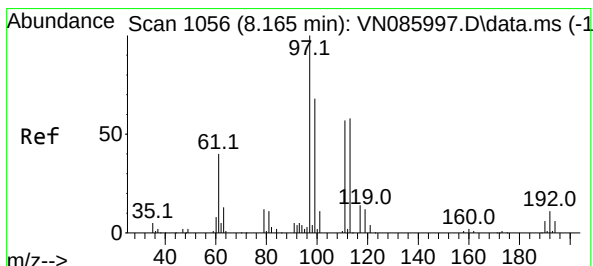
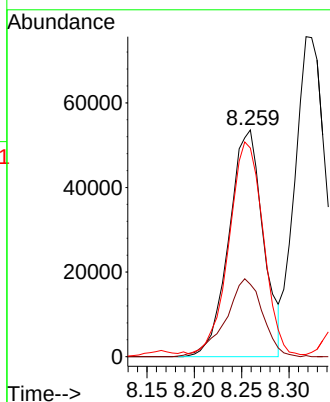
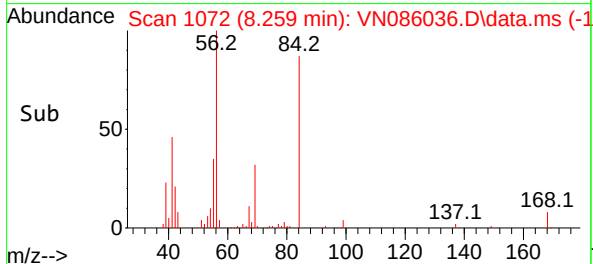
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



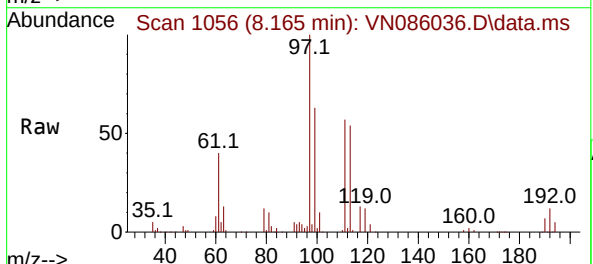
Tgt Ion: 56 Resp: 13504
Ion Ratio Lower Upper
56 100
69 31.6 28.0 42.0
84 90.6 75.0 112.6

Manual Integrations
APPROVED

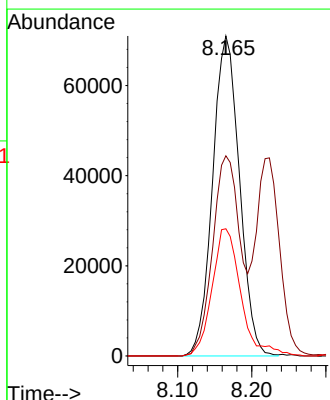
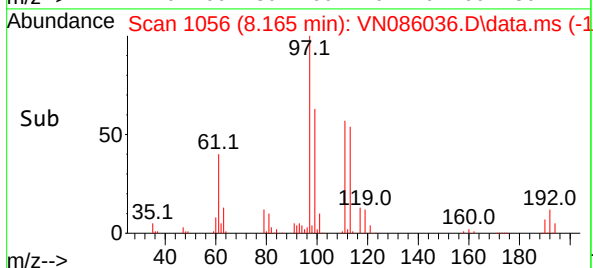
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

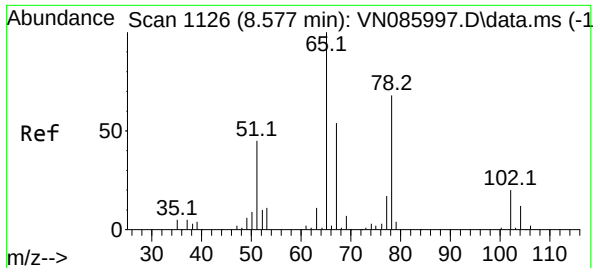


#32
1,1,1-Trichloroethane
Concen: 52.050 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17



Tgt Ion: 97 Resp: 178584
Ion Ratio Lower Upper
97 100
99 64.2 52.8 79.2
61 42.6 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 51.319 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 11505

Ion Ratio Lower Upper

65 100

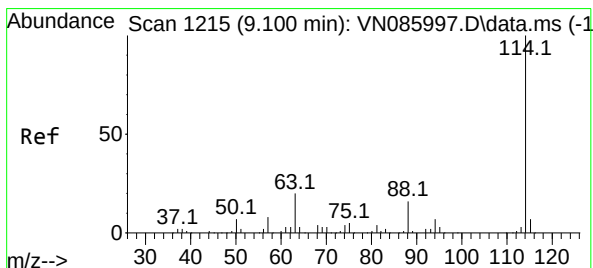
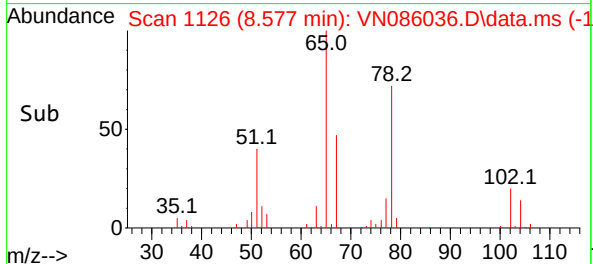
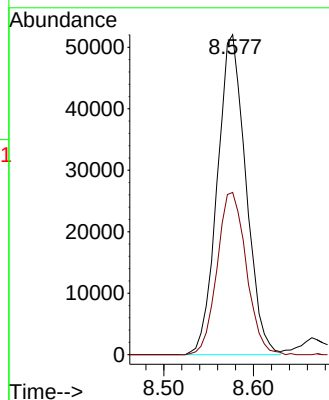
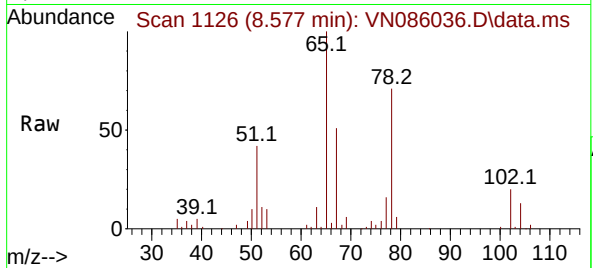
67 51.8 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

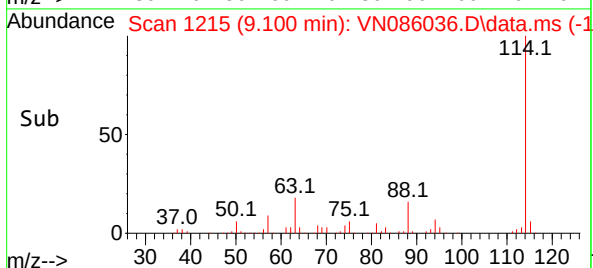
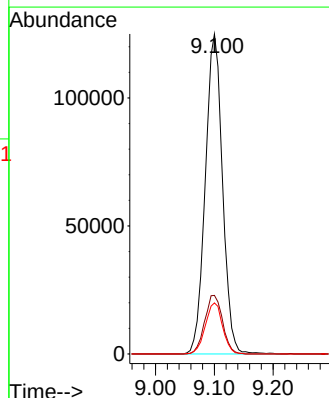
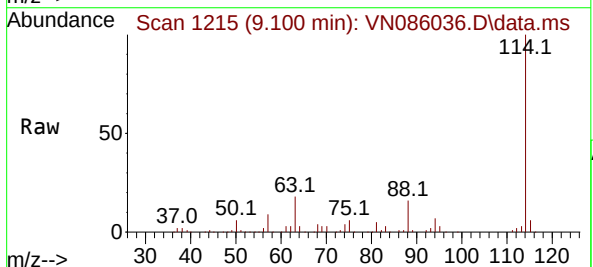
Tgt Ion:114 Resp: 253523

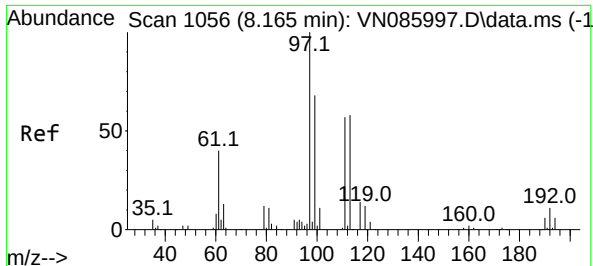
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

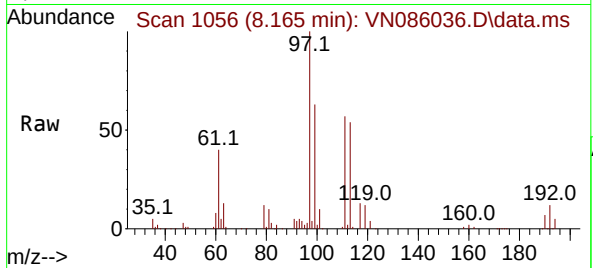
88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.837 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

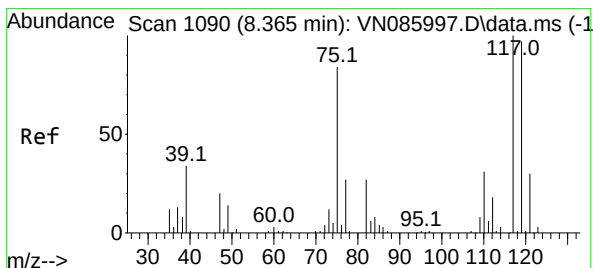
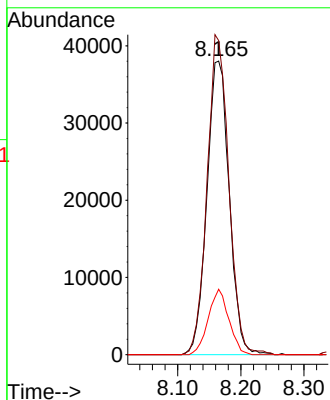
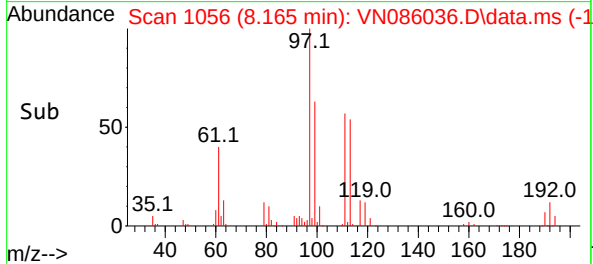
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



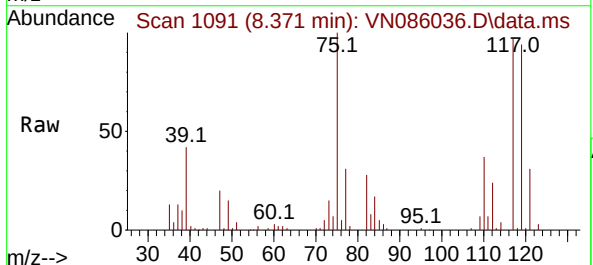
Tgt Ion: 113 Resp: 93499
Ion Ratio Lower Upper
113 100
111 105.8 81.8 122.8
192 20.5 15.9 23.9

Manual Integrations
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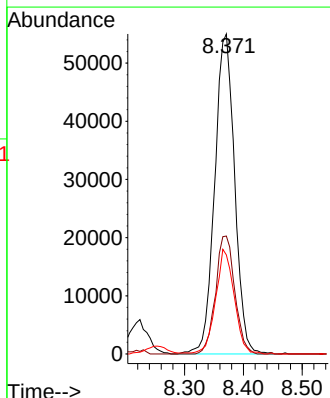
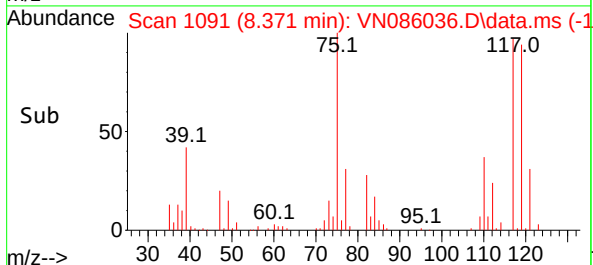
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

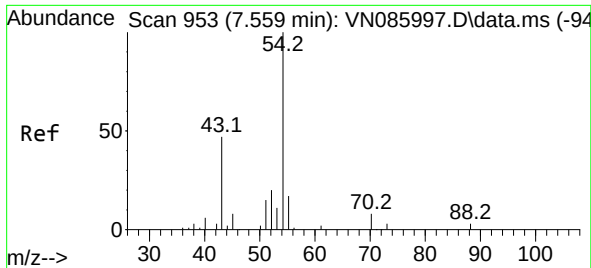


#36
1,1-Dichloropropene
Concen: 55.488 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17



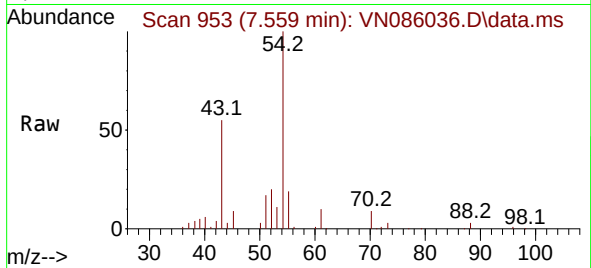
Tgt Ion: 75 Resp: 129290
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.3
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 53.471 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

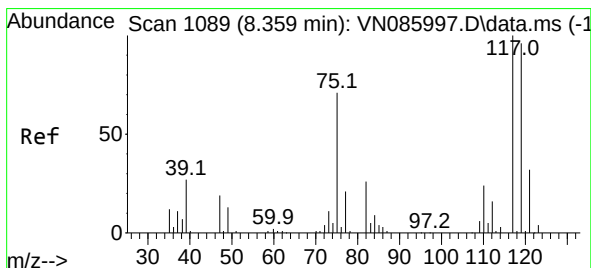
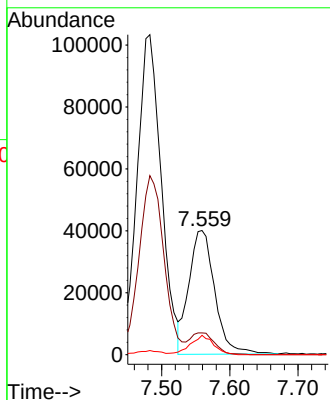
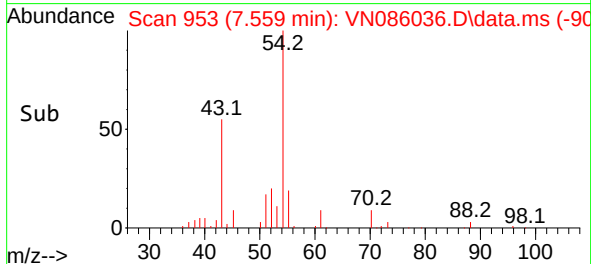
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 10511
Ion Ratio Lower Upper
43 100
61 16.2 13.0 19.4
70 13.9 11.0 16.6

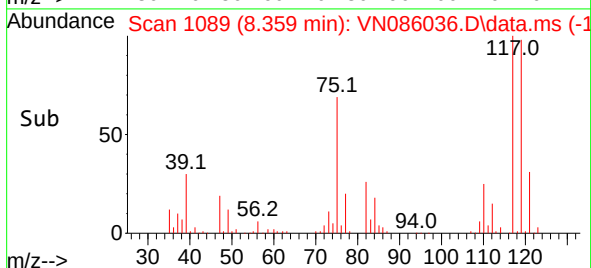
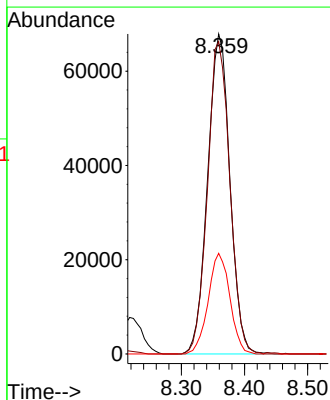
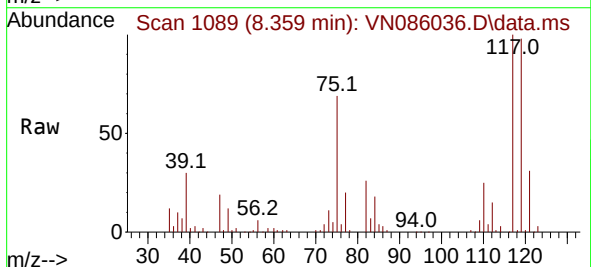
Manual Integrations
APPROVED

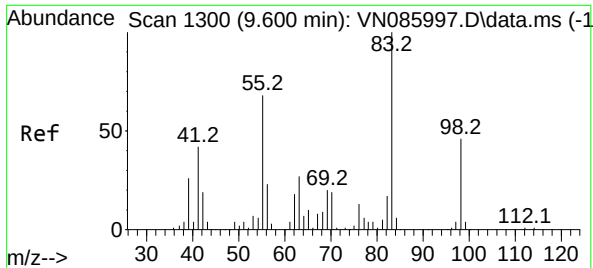
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#38
Carbon Tetrachloride
Concen: 54.337 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion:117 Resp: 166470
Ion Ratio Lower Upper
117 100
119 97.6 77.0 115.4
121 31.4 25.6 38.4





#39
Methylcyclohexane
Concen: 51.559 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

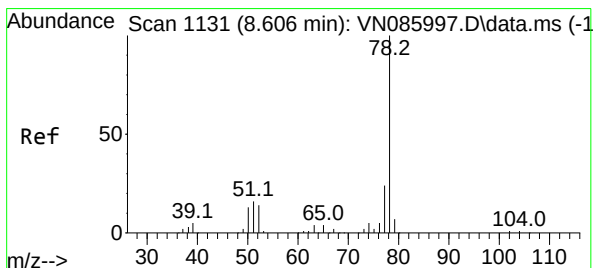
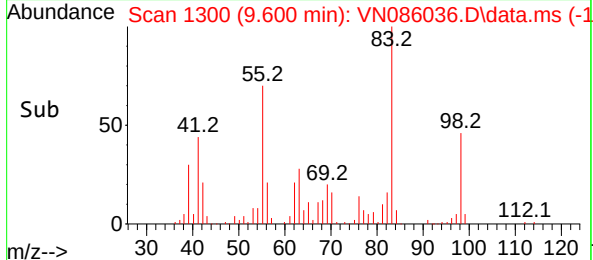
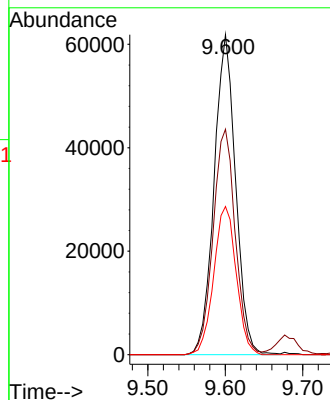
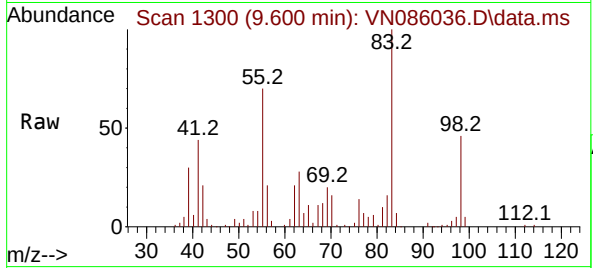
VSTDCCC050

Tgt Ion: 83 Resp: 119192
Ion Ratio Lower Upper
83 100
55 70.5 54.2 81.2
98 46.3 37.1 55.7

Manual Integrations

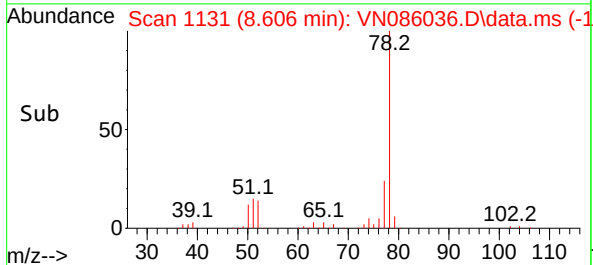
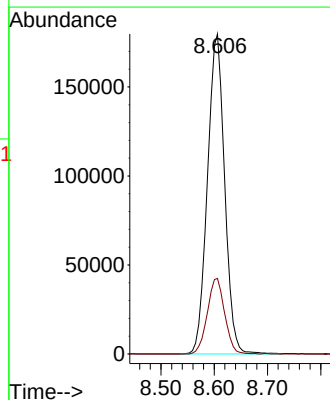
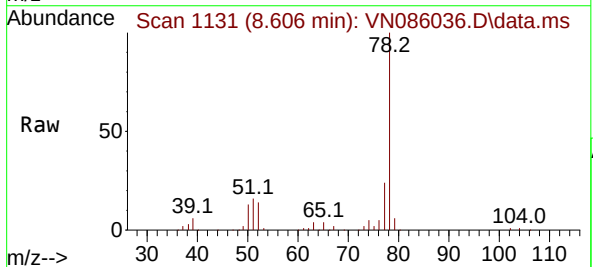
APPROVED

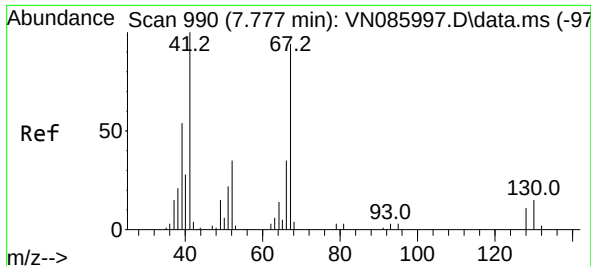
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#40
Benzene
Concen: 54.991 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion: 78 Resp: 402242
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





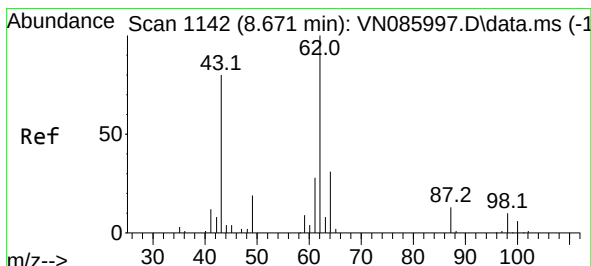
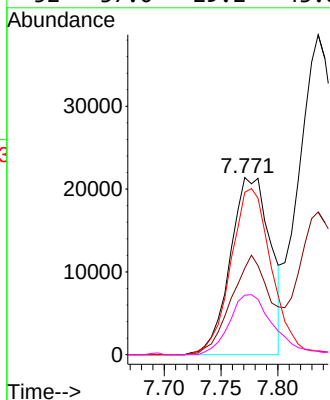
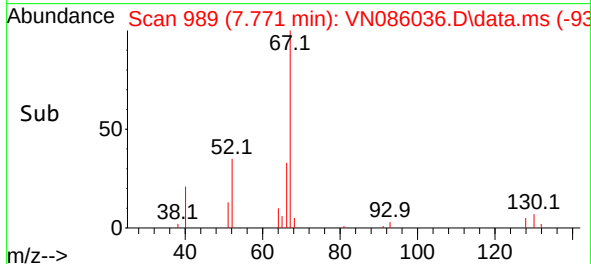
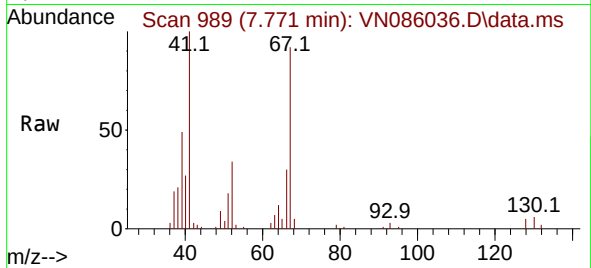
#41
Methacrylonitrile
Concen: 56.050 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 5261
Ion Ratio Lower Upper
41 100
39 56.9 46.2 69.2
67 95.9 75.9 113.9
52 37.0 29.2 43.8

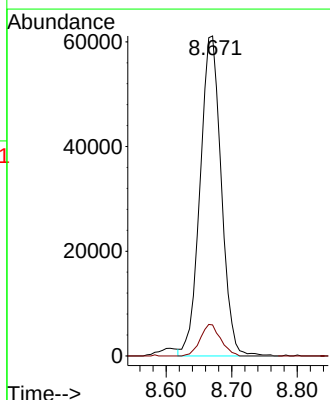
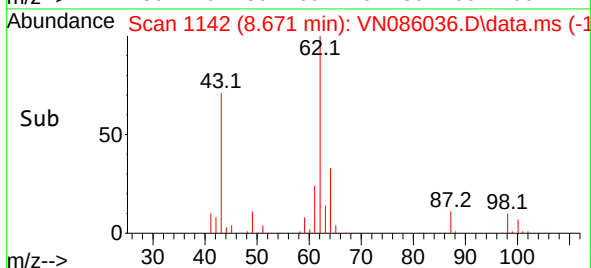
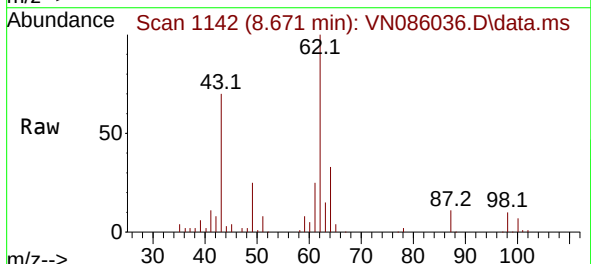
Manual Integrations
APPROVED

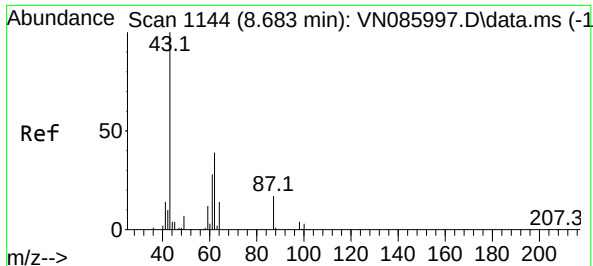
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#42
1,2-Dichloroethane
Concen: 53.919 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

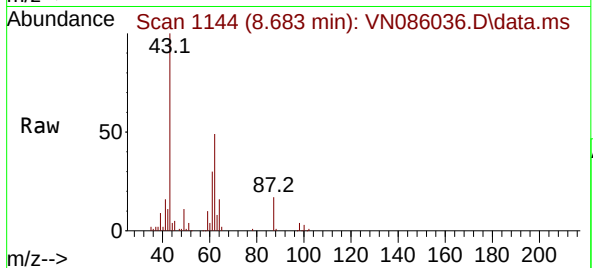
Tgt Ion: 62 Resp: 137424
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6





#43
Isopropyl Acetate
Concen: 39.485 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

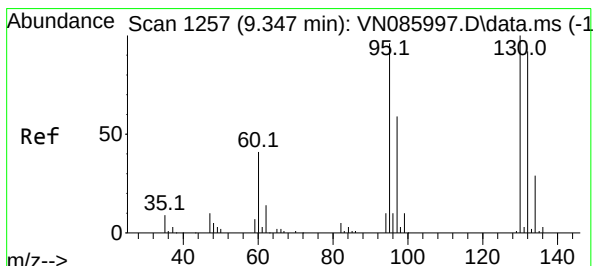
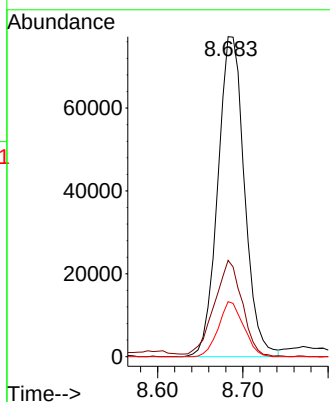
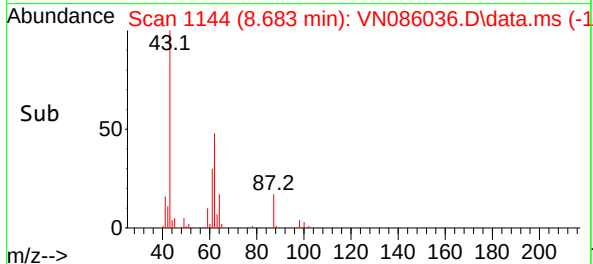
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16819
Ion Ratio Lower Upper
43 100
61 31.8 25.0 37.6
87 16.2 13.0 19.4

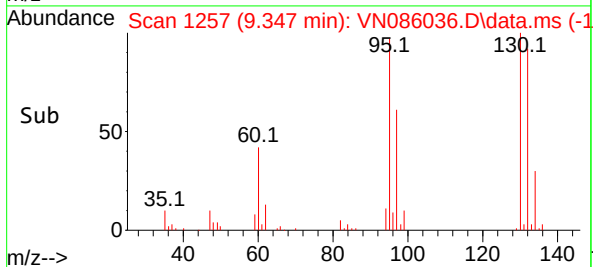
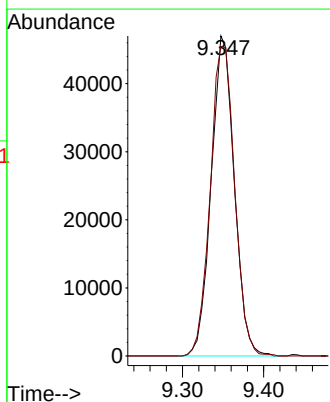
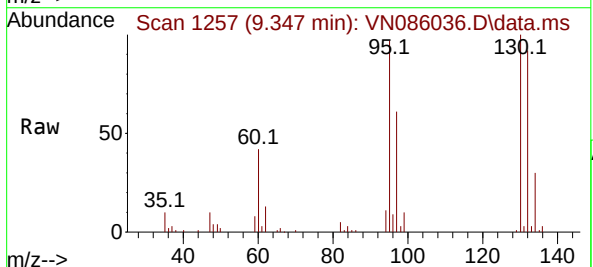
Manual Integrations
APPROVED

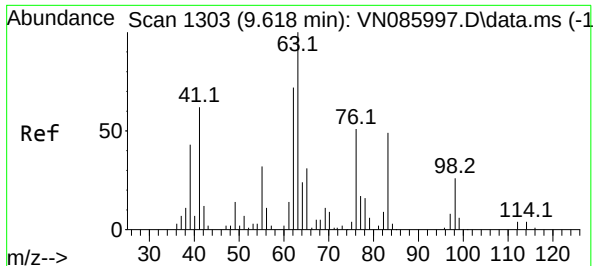
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#44
Trichloroethene
Concen: 49.010 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion:130 Resp: 92913
Ion Ratio Lower Upper
130 100
95 96.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 56.763 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9443

Ion Ratio Lower Upper

63 100

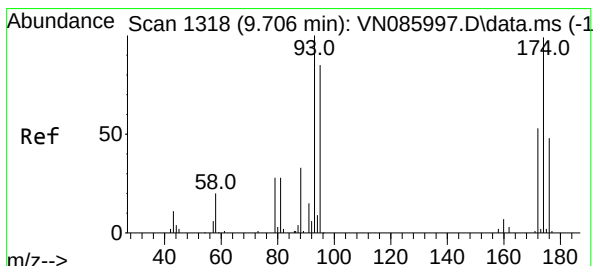
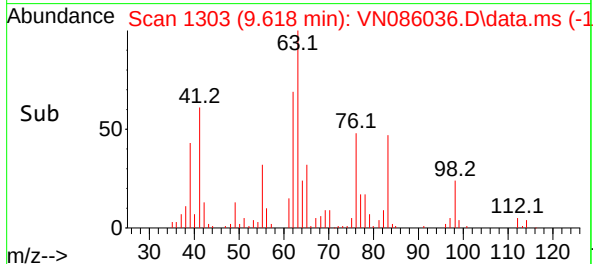
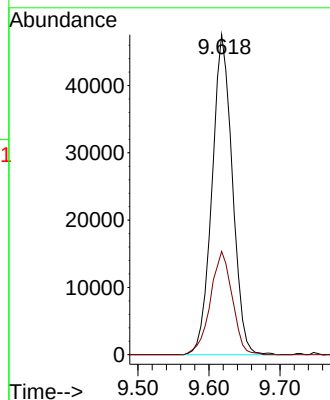
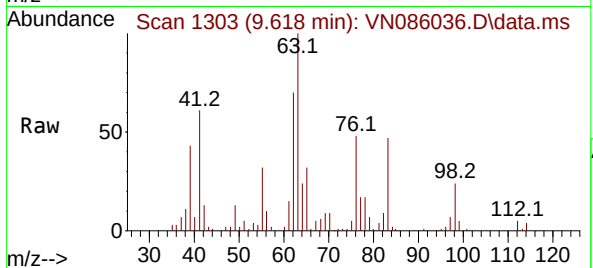
65 32.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#46

Dibromomethane

Concen: 55.453 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

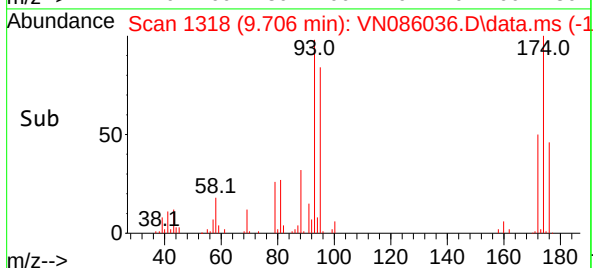
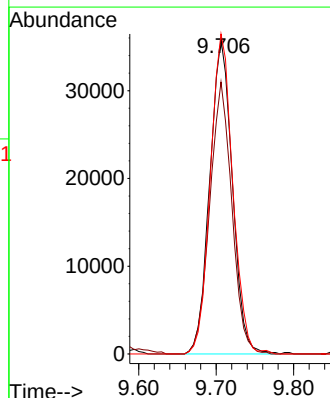
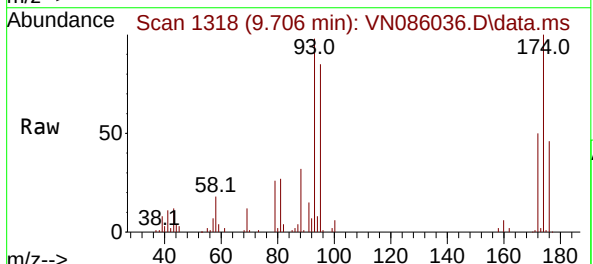
Tgt Ion: 93 Resp: 72553

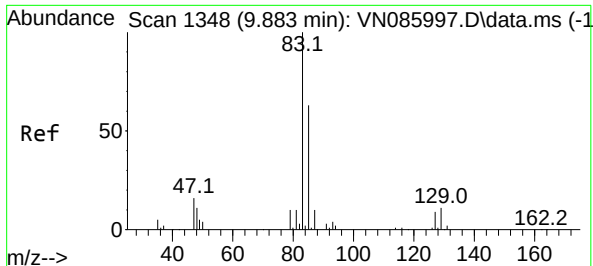
Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.2

174 101.2 80.1 120.1





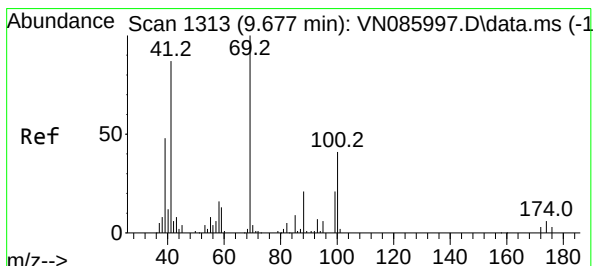
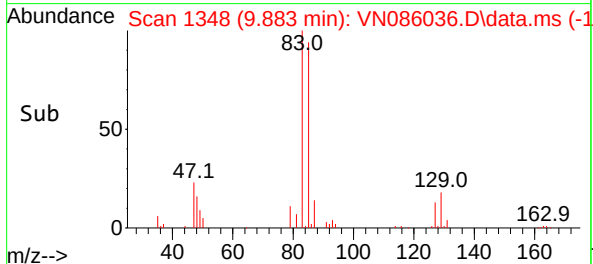
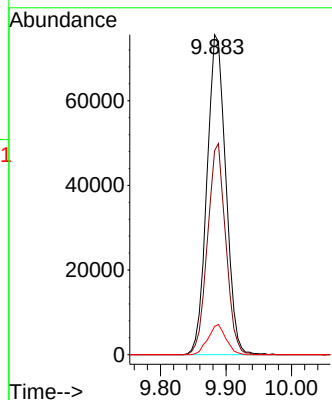
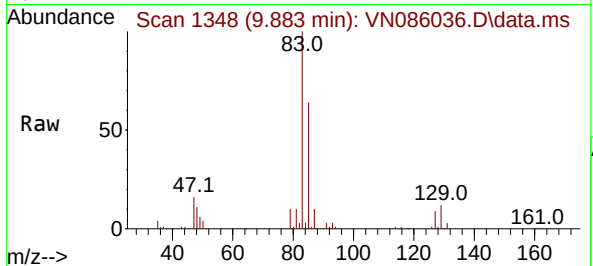
#47
Bromodichloromethane
Concen: 55.298 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 151208
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.2
127 8.9 7.1 10.7

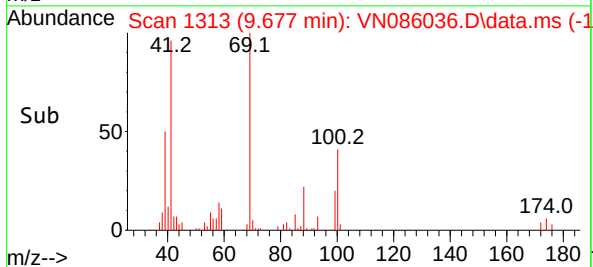
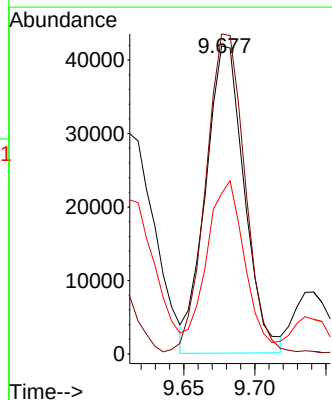
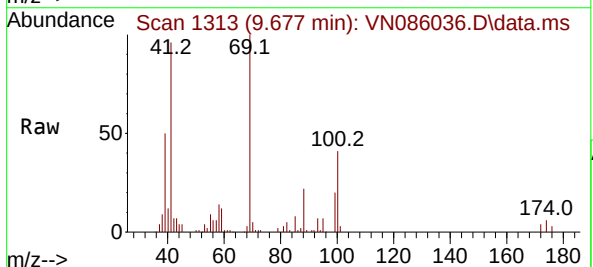
Manual Integrations
APPROVED

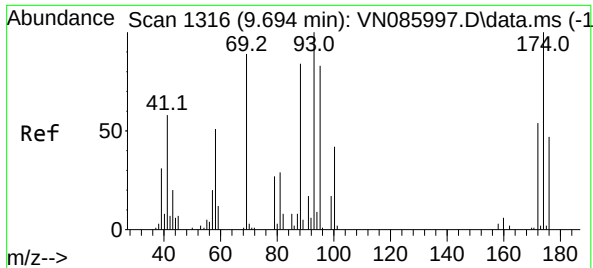
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#48
Methyl methacrylate
Concen: 56.338 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

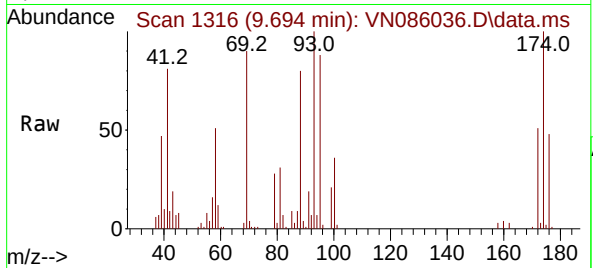
Tgt Ion: 41 Resp: 79191
Ion Ratio Lower Upper
41 100
69 106.1 83.1 124.7
39 56.0 45.6 68.4





#49
1,4-Dioxane
Concen: 1154.720 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

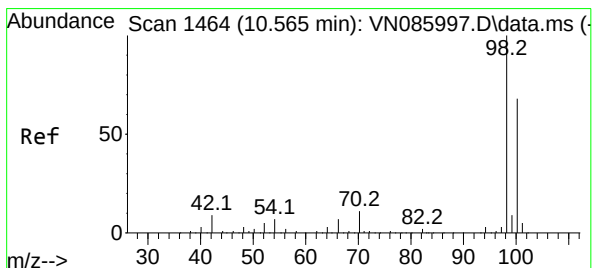
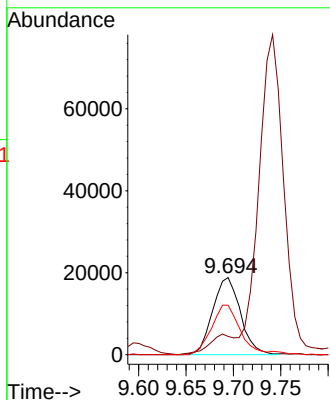
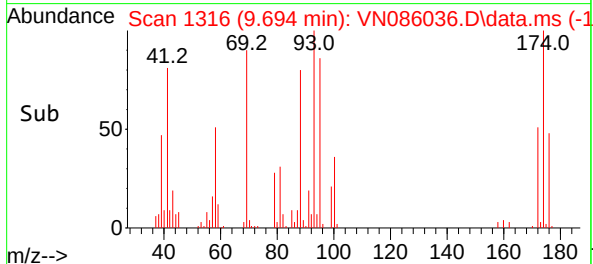
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 38370
Ion Ratio Lower Upper
88 100
43 22.9 21.7 32.5
58 68.1 50.4 75.6

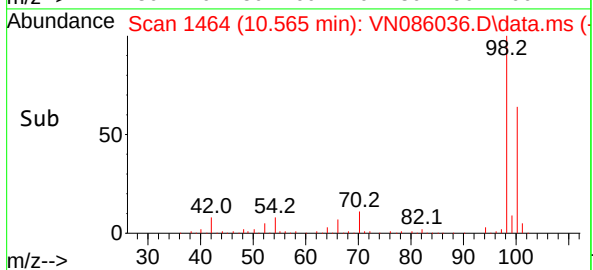
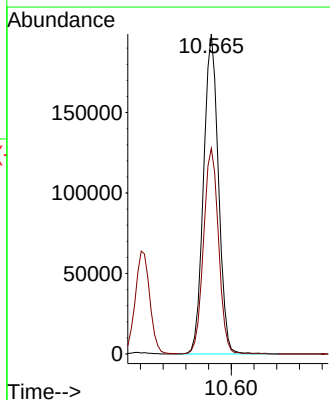
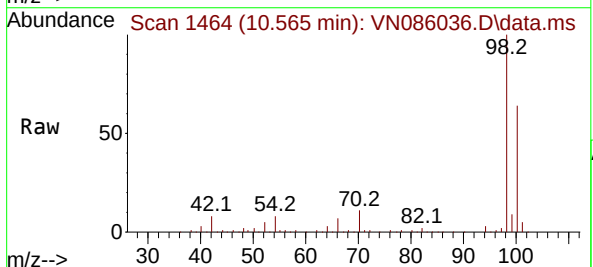
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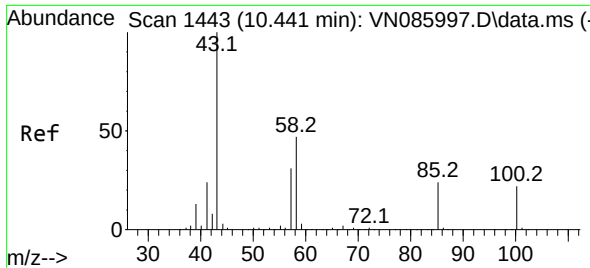
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#50
Toluene-d8
Concen: 56.032 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion: 98 Resp: 359851
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7





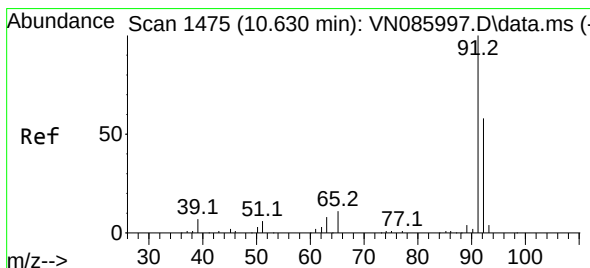
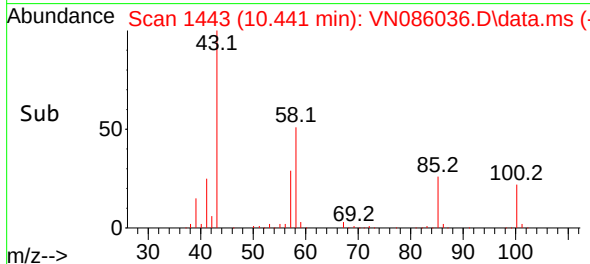
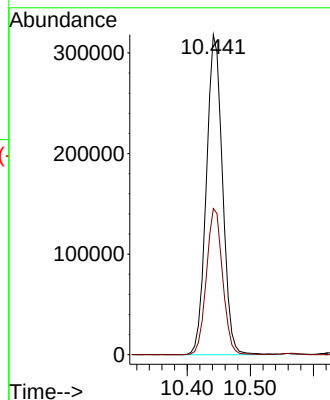
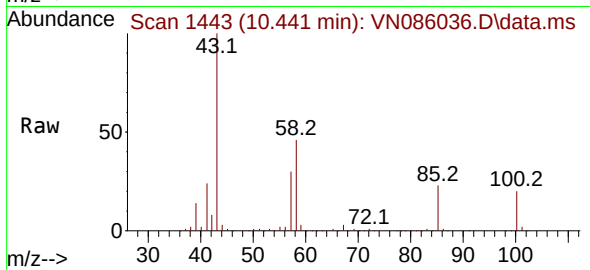
#51
4-Methyl-2-Pentanone
Concen: 301.158 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 56575
Ion Ratio Lower Upper
43 100
58 45.7 37.4 56.0

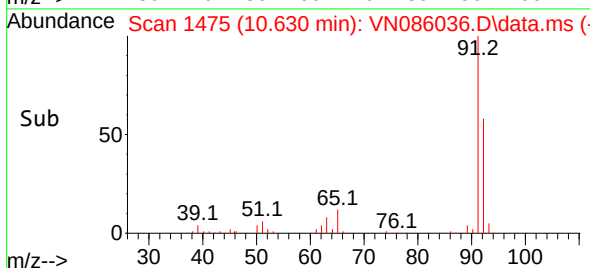
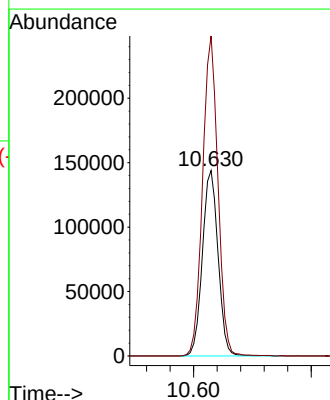
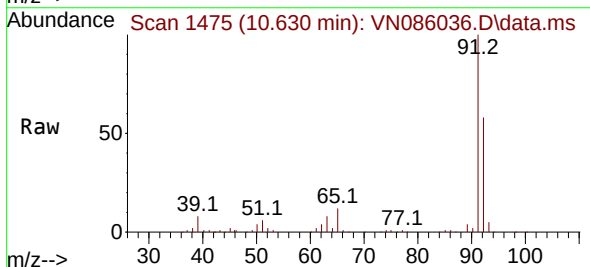
Manual Integrations
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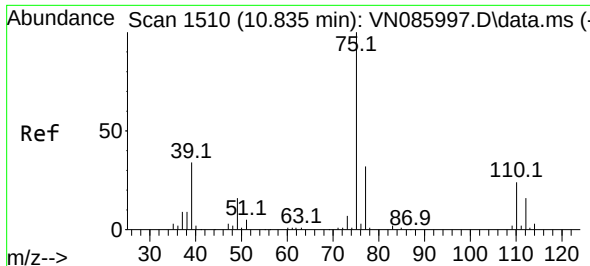
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#52
Toluene
Concen: 59.071 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

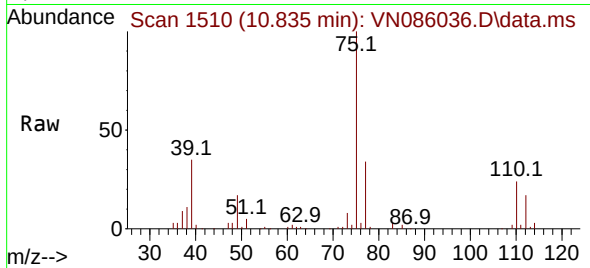
Tgt Ion: 92 Resp: 265190
Ion Ratio Lower Upper
92 100
91 169.1 136.2 204.4





#53
 t-1,3-Dichloropropene
 Concen: 53.816 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17

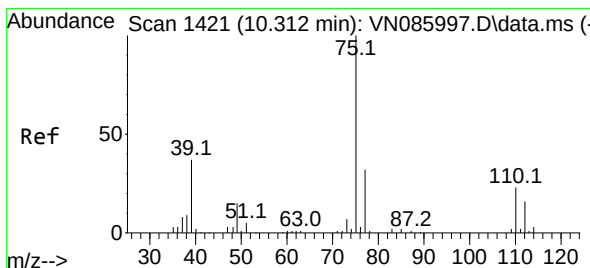
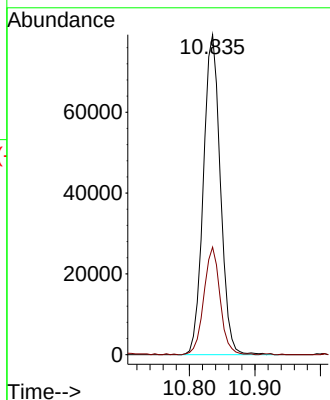
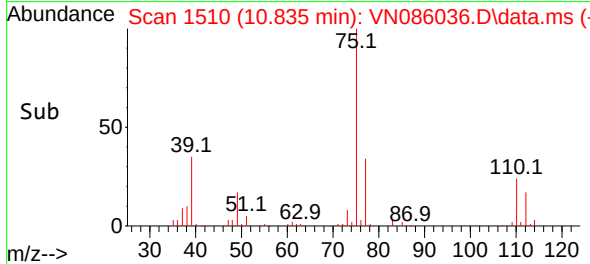
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



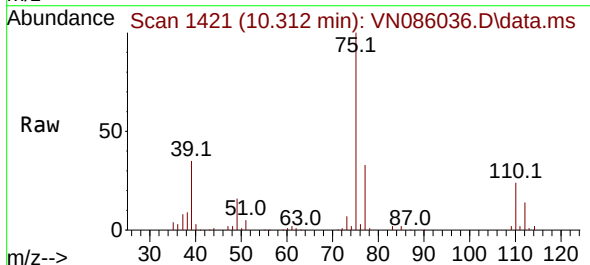
Tgt Ion: 75 Resp: 142912
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.3 37.9

Manual Integrations
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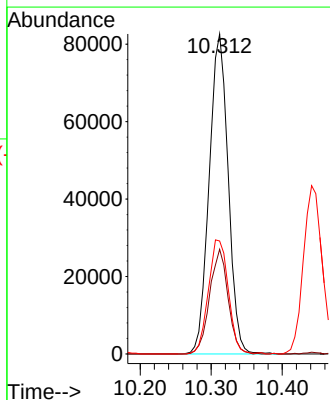
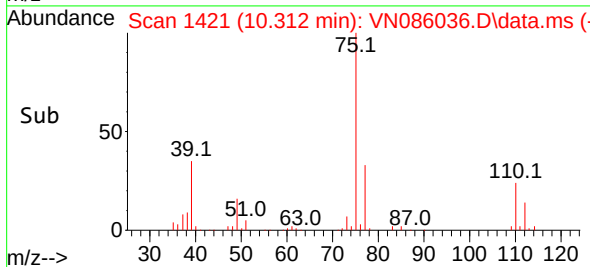
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025

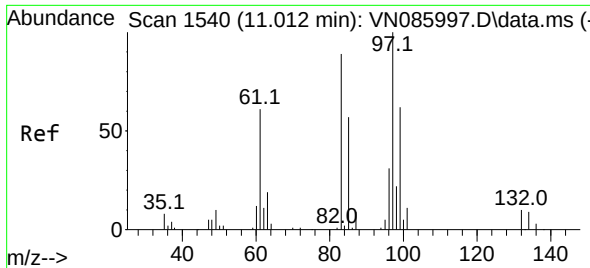


#54
 cis-1,3-Dichloropropene
 Concen: 54.743 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17



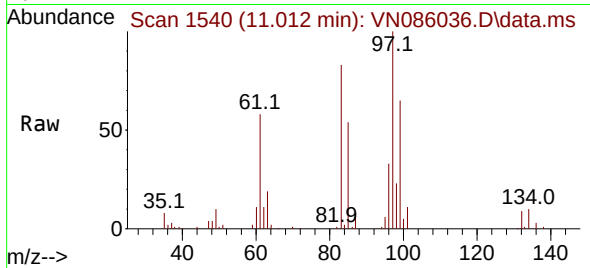
Tgt Ion: 75 Resp: 153379
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9
 39 35.3 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 57.743 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

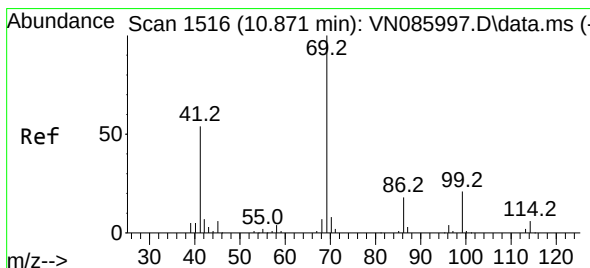
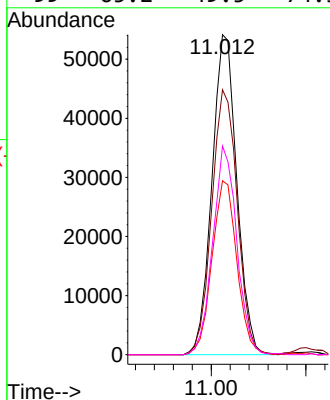
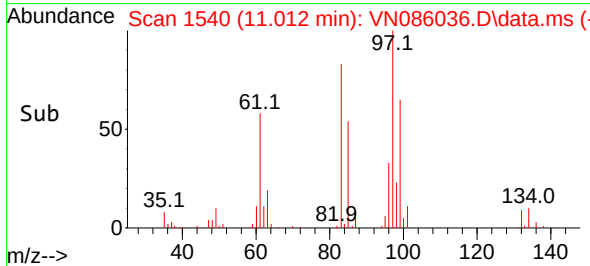
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



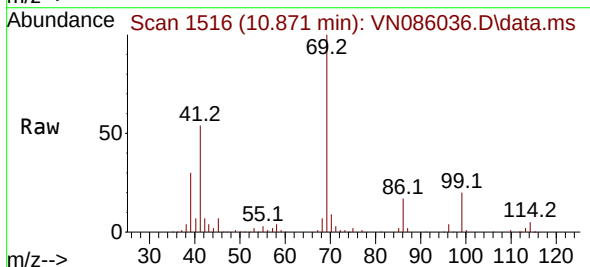
Tgt Ion: 97 Resp: 9894
Ion Ratio Lower Upper
97 100
83 82.8 71.2 106.8
85 54.4 45.4 68.0
99 65.2 49.5 74.3

Manual Integrations
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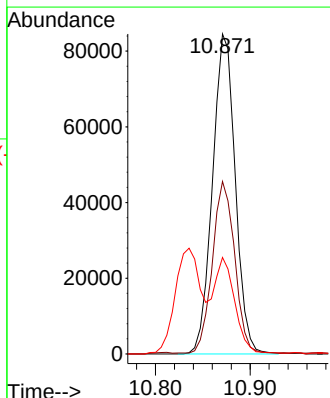
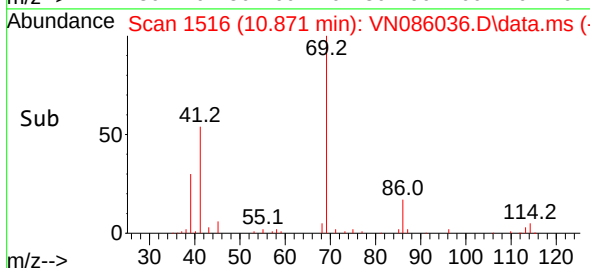
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

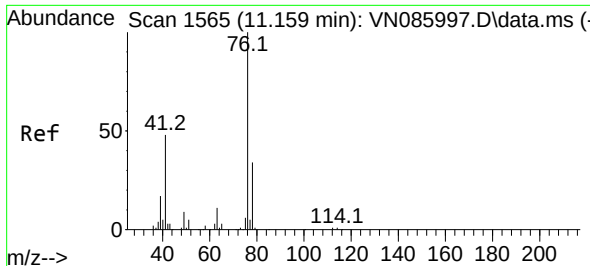


#56
Ethyl methacrylate
Concen: 52.373 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17



Tgt Ion: 69 Resp: 141326
Ion Ratio Lower Upper
69 100
41 52.5 41.6 62.4
39 28.0 21.8 32.8





#57

1,3-Dichloropropane

Concen: 55.882 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16263

Ion Ratio Lower Upper

76 100

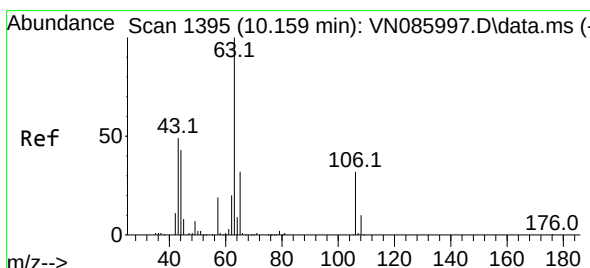
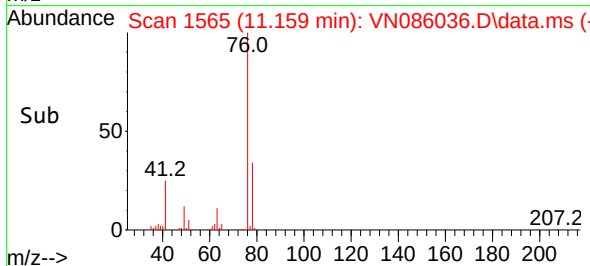
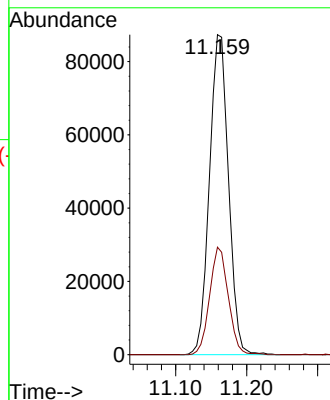
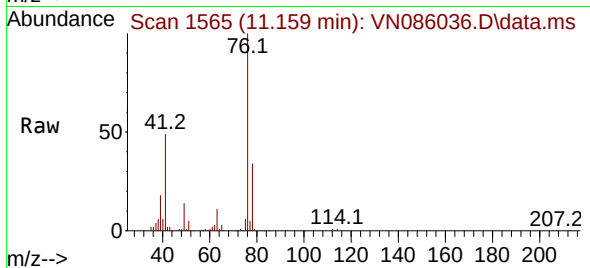
78 32.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 300.152 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086036.D

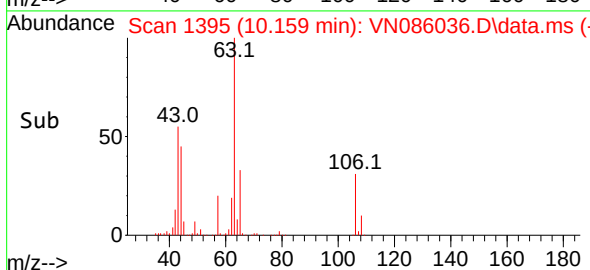
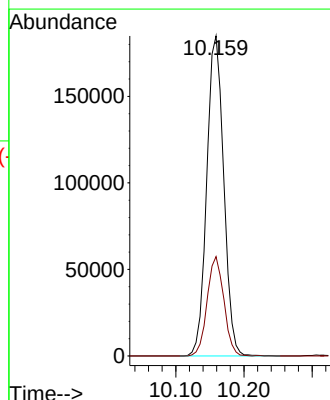
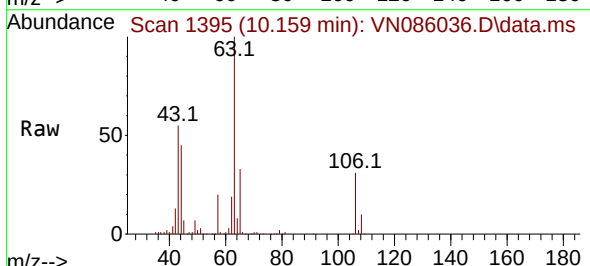
Acq: 21 Mar 2025 13:17

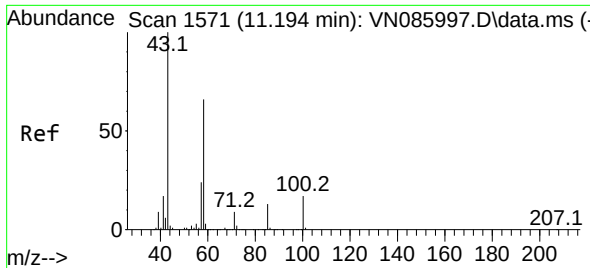
Tgt Ion: 63 Resp: 319939

Ion Ratio Lower Upper

63 100

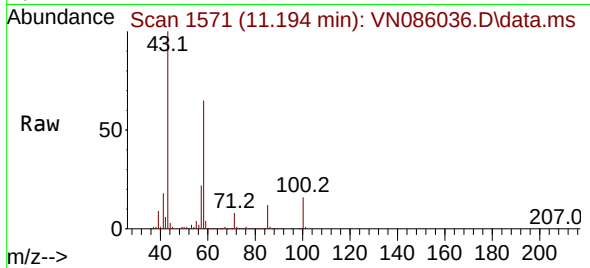
106 30.6 25.0 37.6





#59
2-Hexanone
Concen: 307.936 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

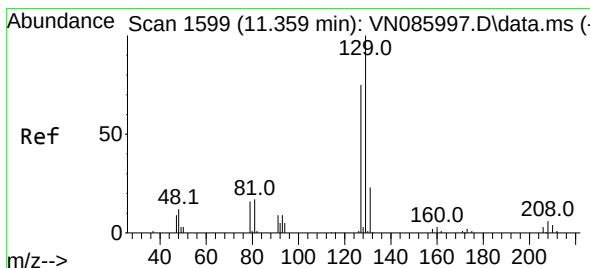
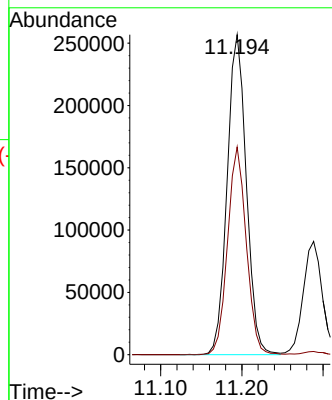
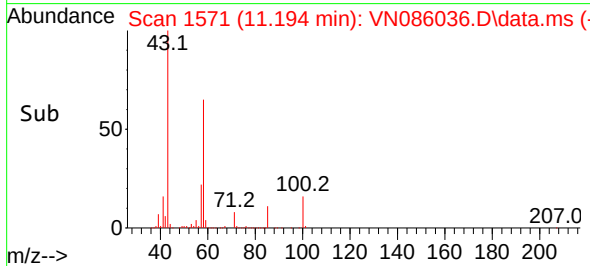
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 421427
Ion Ratio Lower Upper
43 100
58 63.4 32.4 97.2

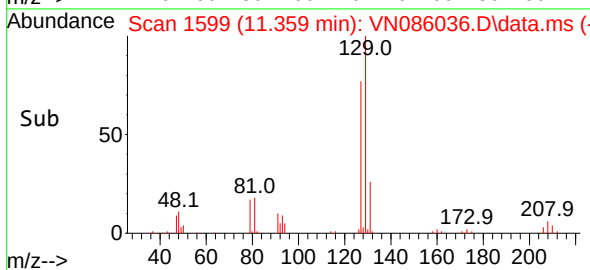
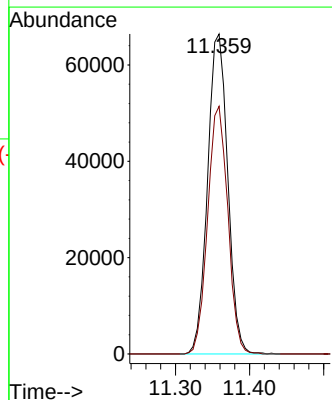
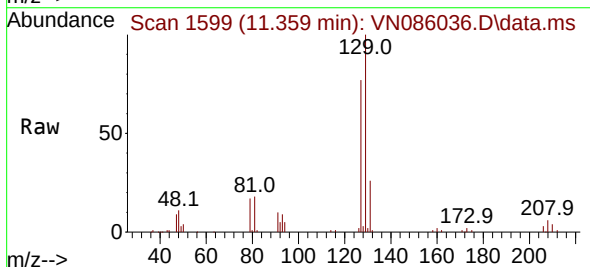
Manual Integrations
APPROVED

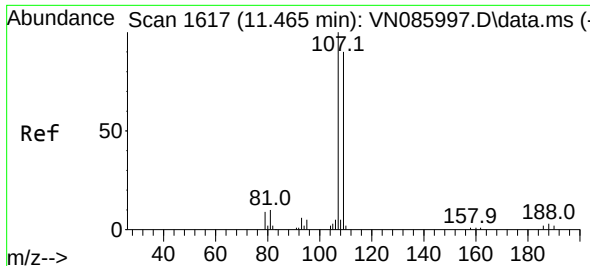
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#60
Dibromochloromethane
Concen: 56.942 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion:129 Resp: 125903
Ion Ratio Lower Upper
129 100
127 77.3 37.8 113.4





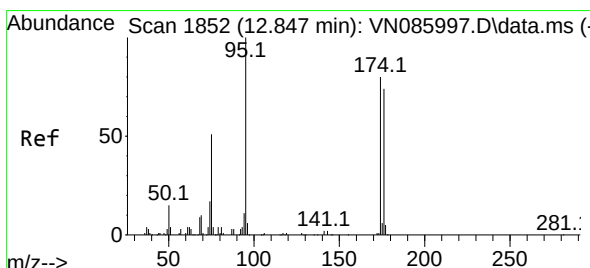
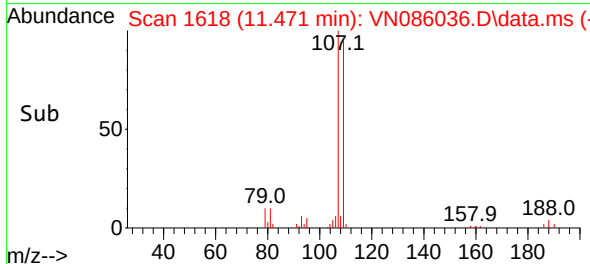
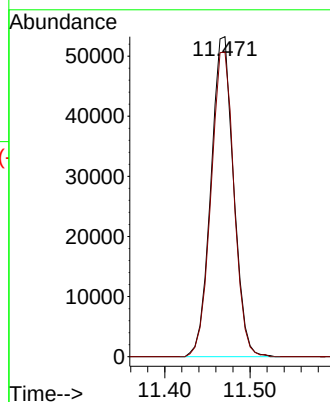
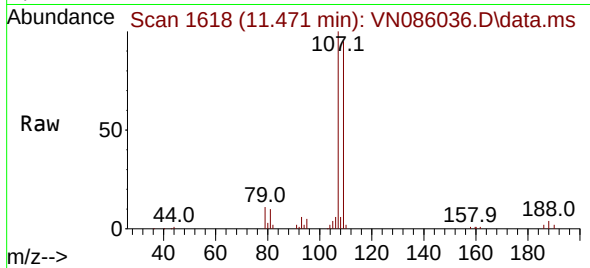
#61
1,2-Dibromoethane
Concen: 56.044 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 98586
Ion Ratio Lower Upper
107 100
109 96.1 73.3 109.9

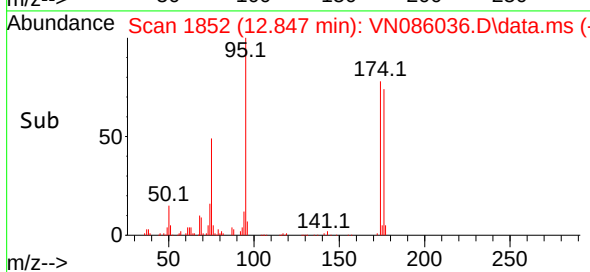
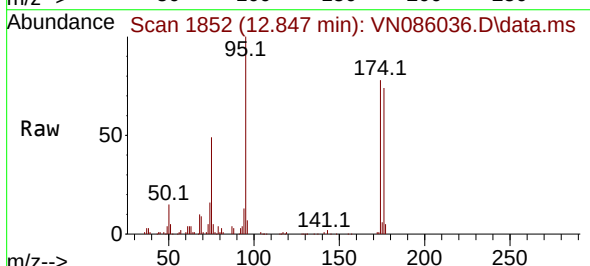
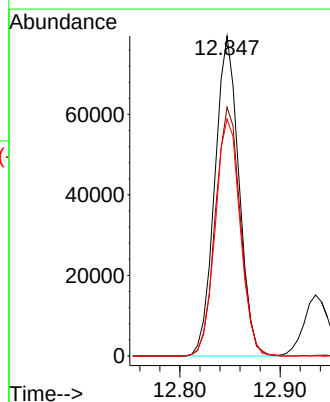
Manual Integrations
APPROVED

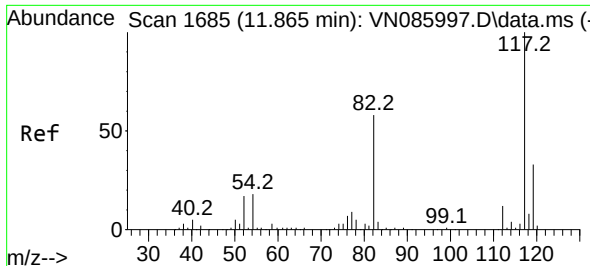
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#62
4-Bromofluorobenzene
Concen: 57.651 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

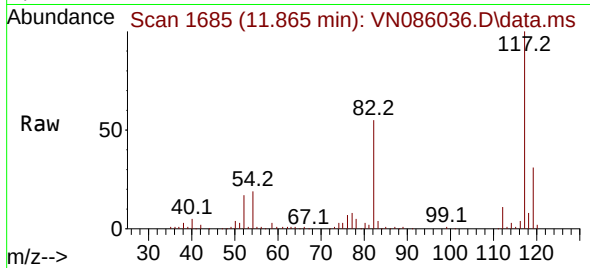
Tgt Ion: 95 Resp: 132042
Ion Ratio Lower Upper
95 100
174 80.4 0.0 156.8
176 76.9 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

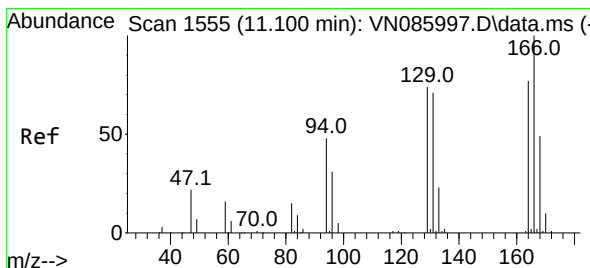
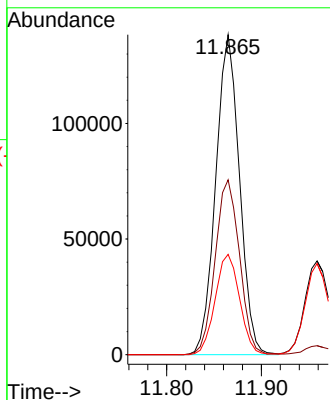
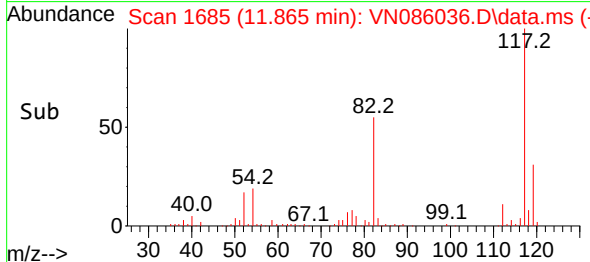
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



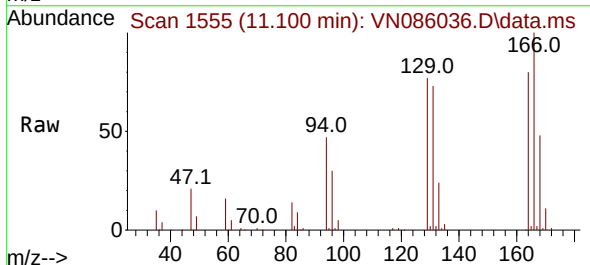
Tgt Ion:117 Resp: 241480
Ion Ratio Lower Upper
117 100
82 54.7 46.7 70.1
119 31.3 26.5 39.7

Manual Integrations
APPROVED

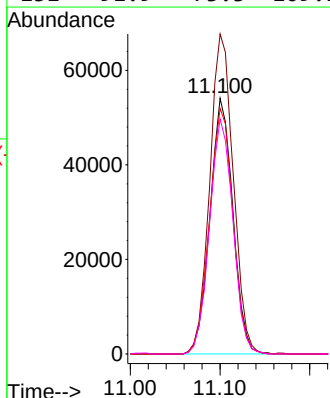
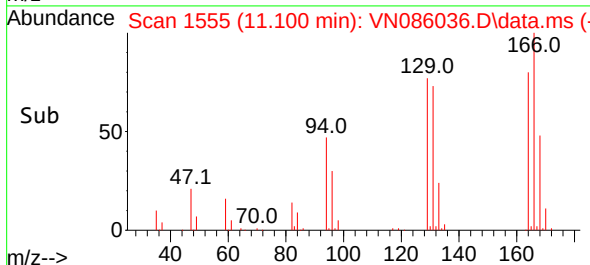
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

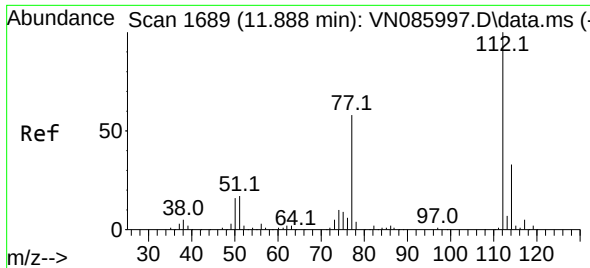


#64
Tetrachloroethene
Concen: 49.824 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17



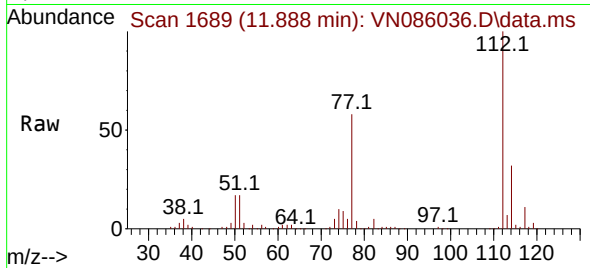
Tgt Ion:164 Resp: 95978
Ion Ratio Lower Upper
164 100
166 125.2 103.7 155.5
129 96.0 77.1 115.7
131 91.9 73.3 109.9





#65
Chlorobenzene
Concen: 51.319 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

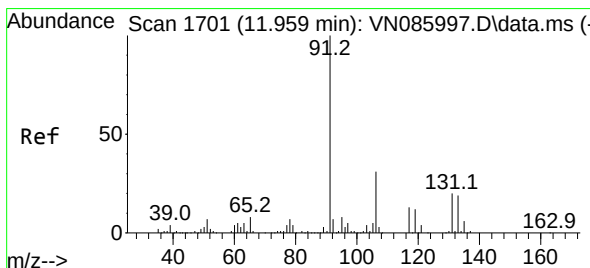
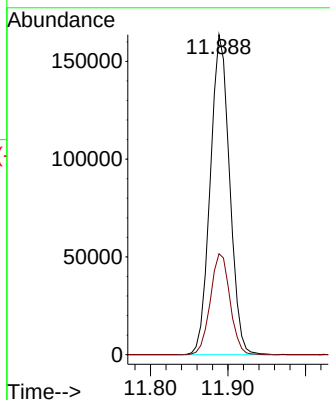
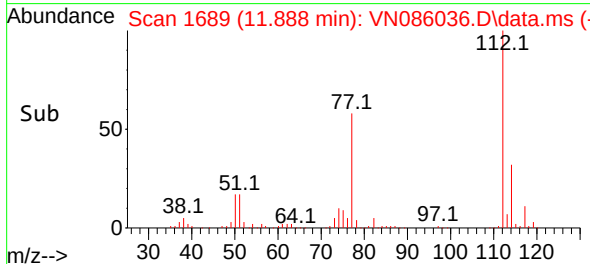
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



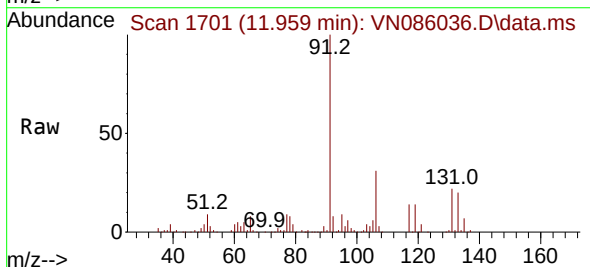
Tgt Ion:112 Resp: 28358
Ion Ratio Lower Upper
112 100
114 31.6 26.3 39.5

Manual Integrations
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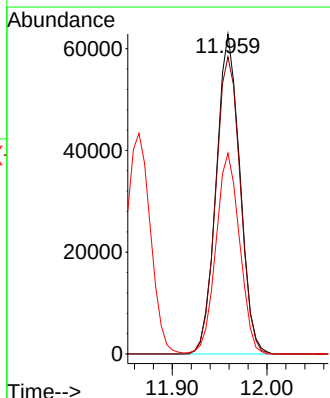
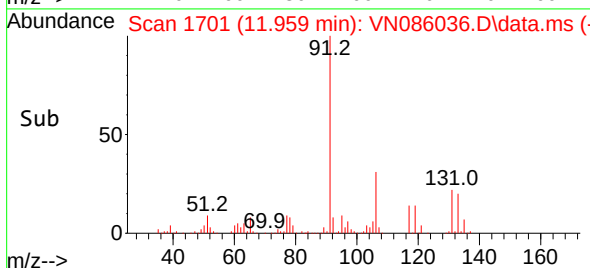
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

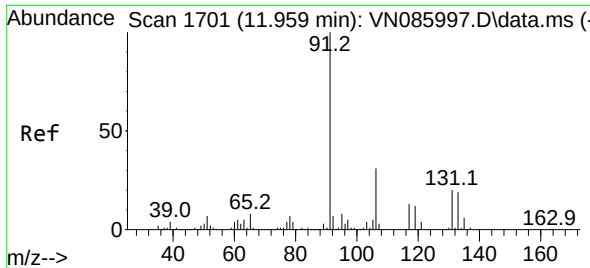


#66
1,1,1,2-Tetrachloroethane
Concen: 53.214 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17



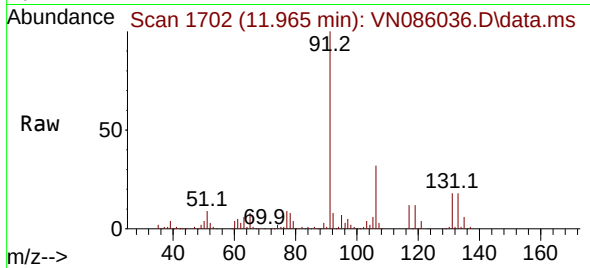
Tgt Ion:131 Resp: 109310
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.0
119 62.8 31.4 94.0





#67
Ethyl Benzene
Concen: 55.293 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

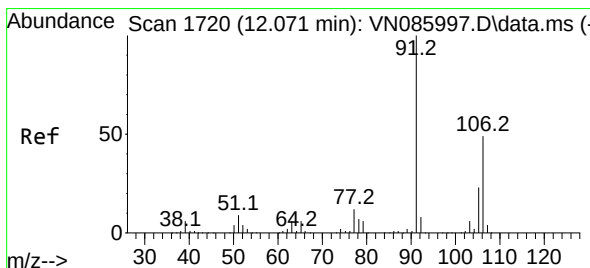
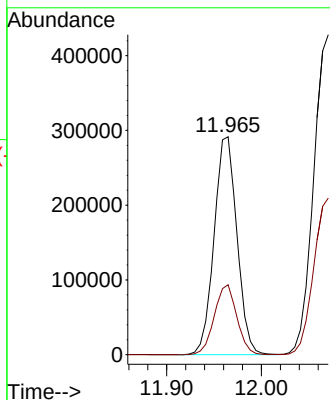
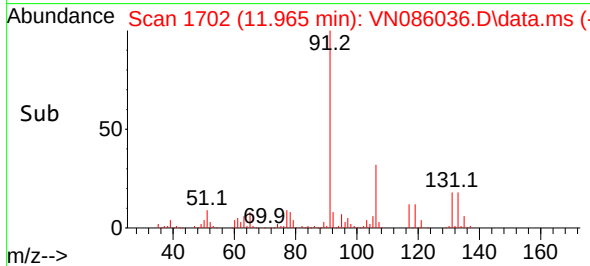
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



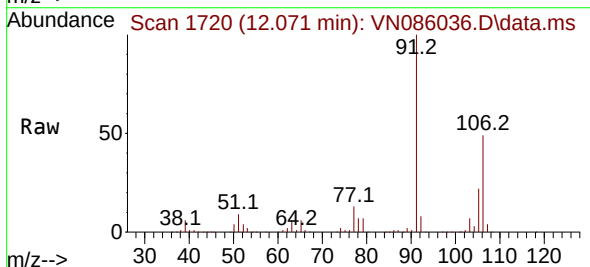
Tgt Ion: 91 Resp: 488752
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7

Manual Integrations
APPROVED

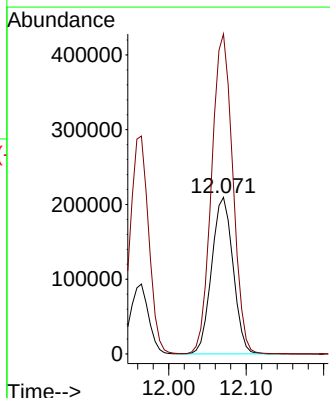
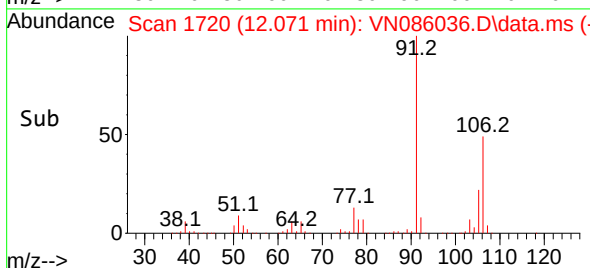
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

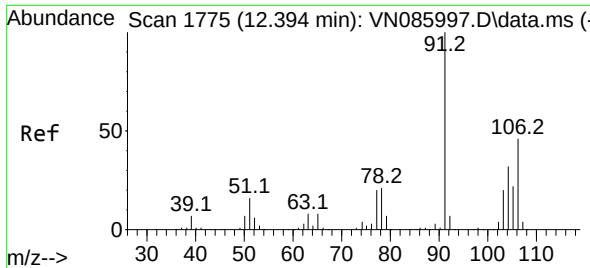


#68
m/p-Xylenes
Concen: 115.687 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17



Tgt Ion:106 Resp: 401924
Ion Ratio Lower Upper
106 100
91 203.3 163.9 245.9





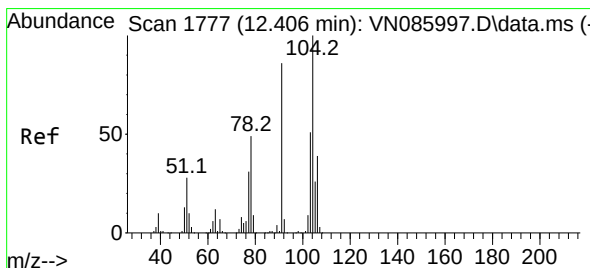
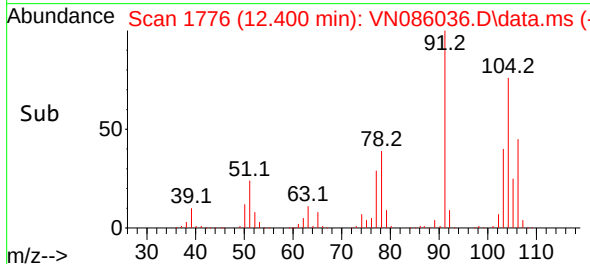
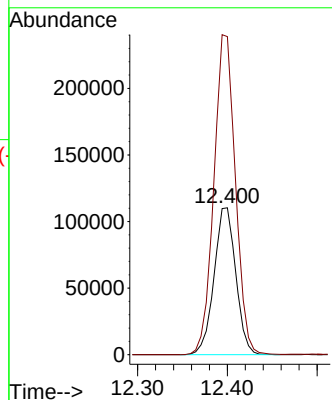
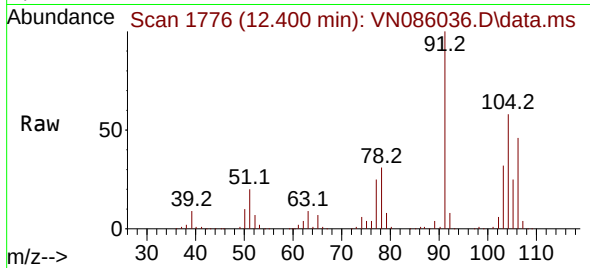
#69
o-Xylene
Concen: 58.200 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 185580
Ion Ratio Lower Upper
106 100
91 216.0 109.1 327.2

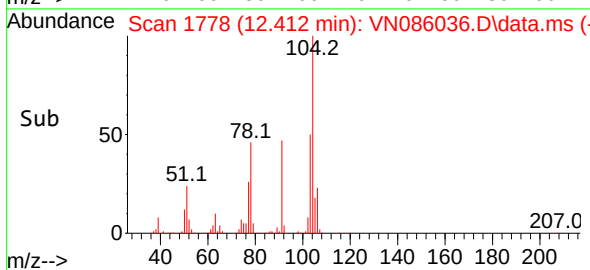
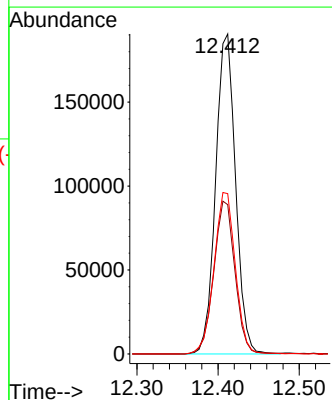
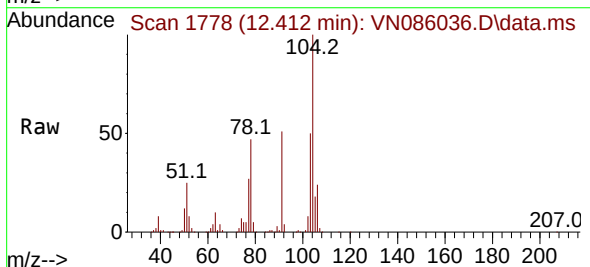
Manual Integrations
APPROVED

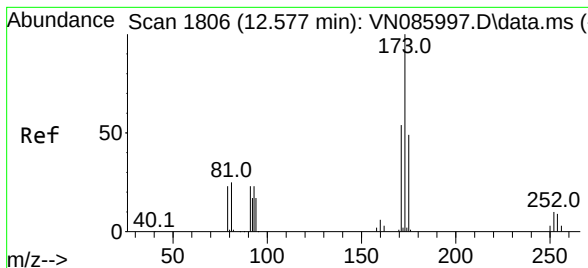
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#70
Styrene
Concen: 59.750 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion:104 Resp: 325424
Ion Ratio Lower Upper
104 100
78 50.8 41.4 62.2
103 54.1 42.9 64.3





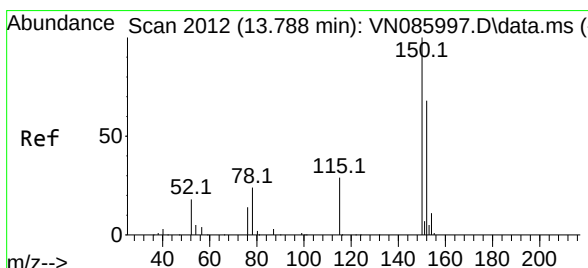
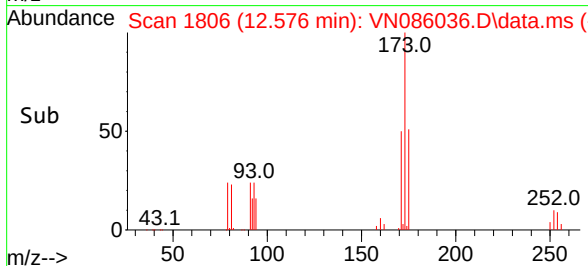
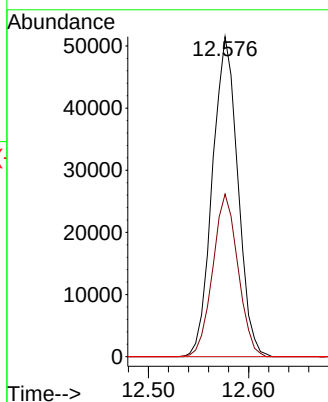
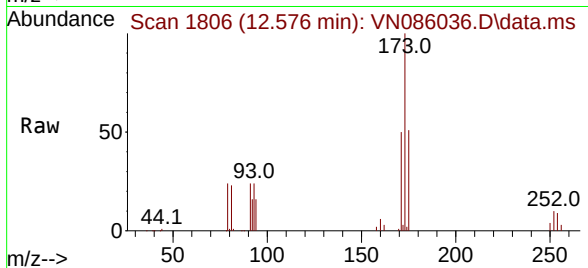
#71
Bromoform
Concen: 52.748 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 90578
Ion Ratio Lower Upper
173 100
175 50.5 24.3 73.0
254 0.0 0.0 0.0

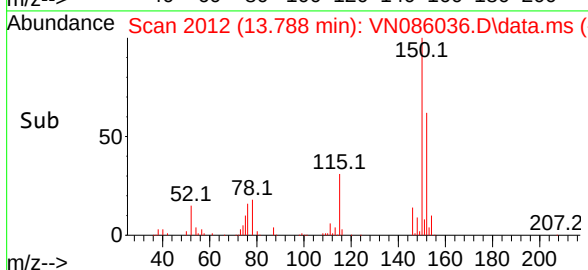
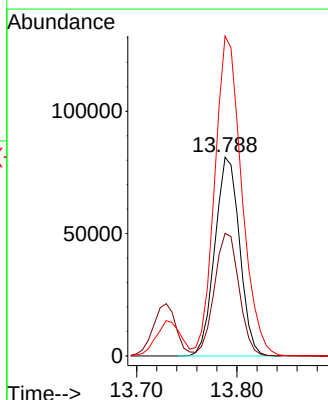
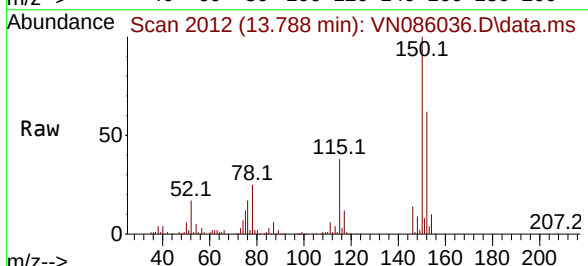
Manual Integrations
APPROVED

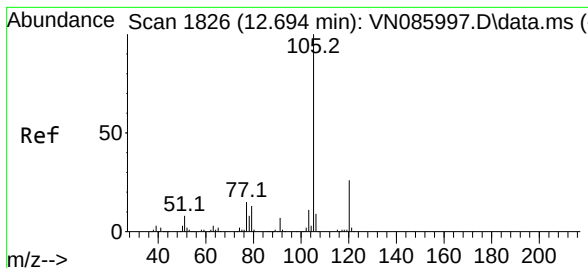
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion:152 Resp: 138904
Ion Ratio Lower Upper
152 100
115 61.7 31.1 93.2
150 176.4 0.0 359.6





#73

Isopropylbenzene

Concen: 49.308 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 46771

Ion Ratio Lower Upper

105 100

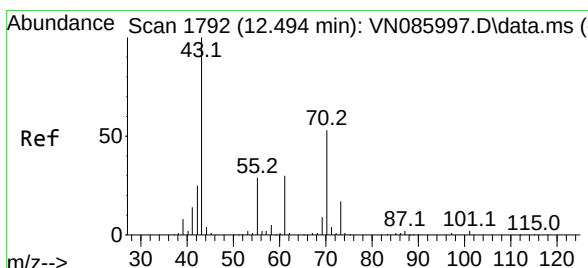
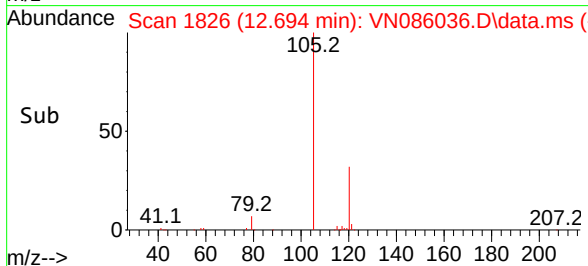
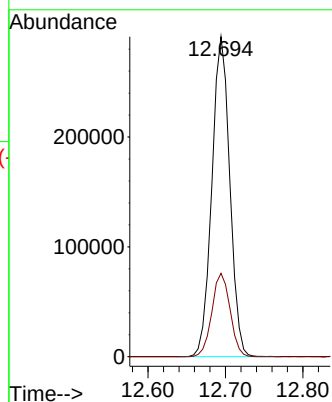
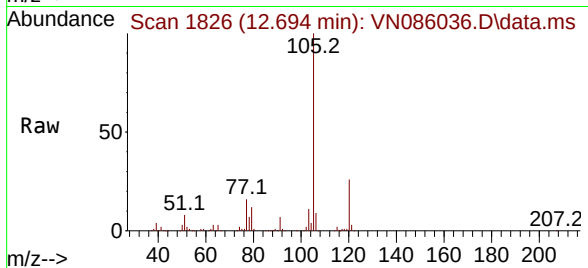
120 26.4 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#74

N-ethyl acetate

Concen: 49.918 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Tgt Ion: 43 Resp: 158416

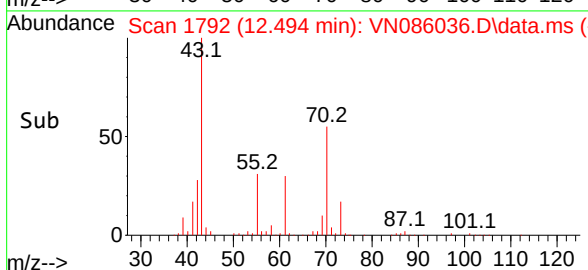
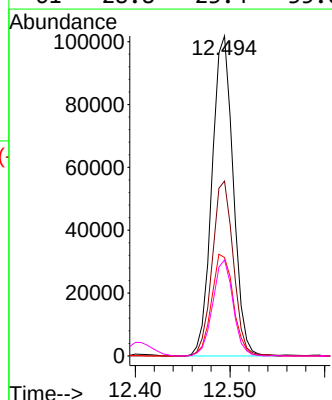
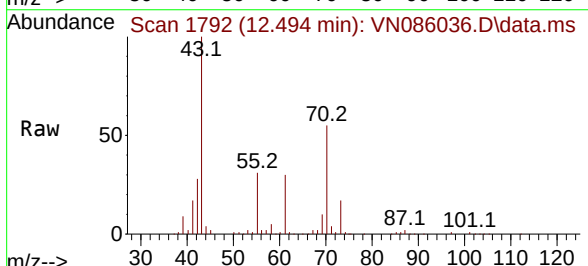
Ion Ratio Lower Upper

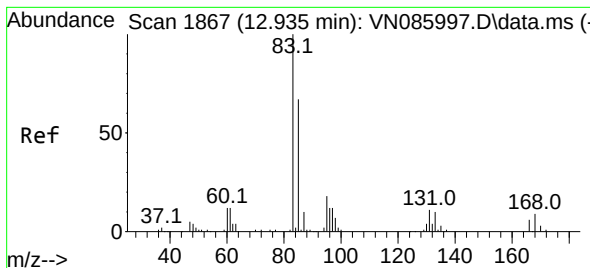
43 100

70 54.3 43.0 64.4

55 32.6 23.8 35.8

61 28.8 23.4 35.0





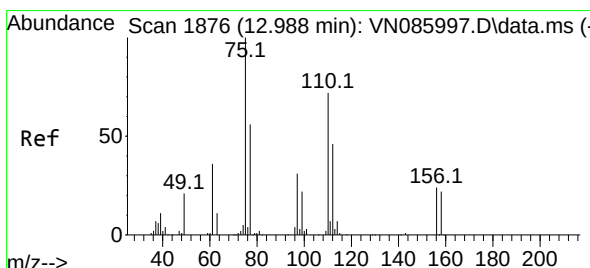
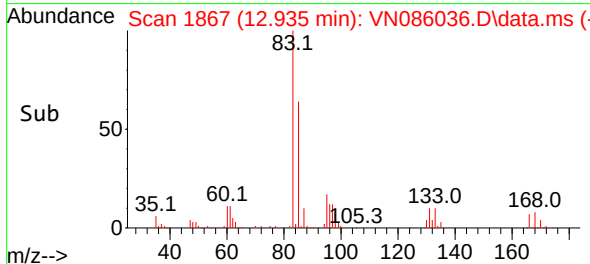
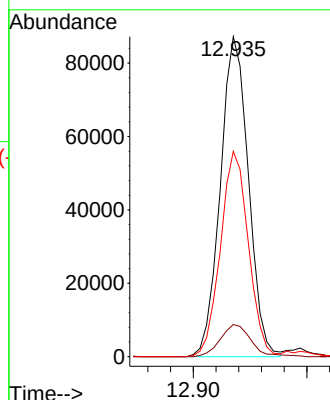
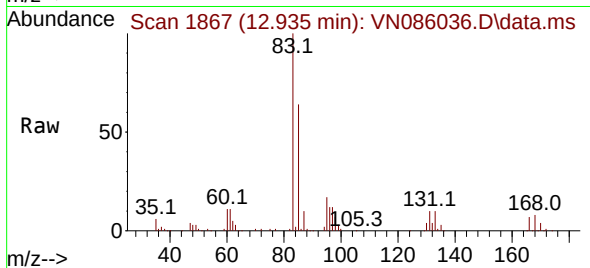
#75
1,1,2,2-Tetrachloroethane
Concen: 46.663 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 149745
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.5
85 63.8 32.6 97.8

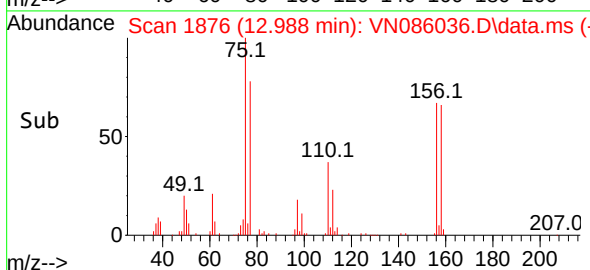
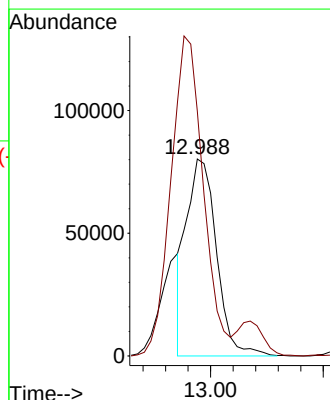
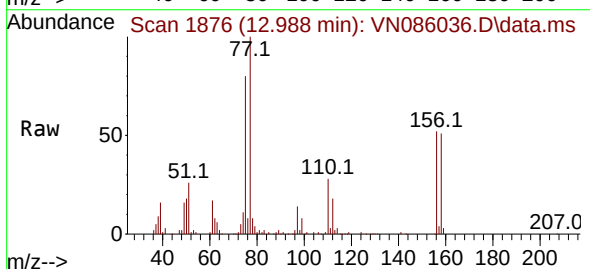
Manual Integrations
APPROVED

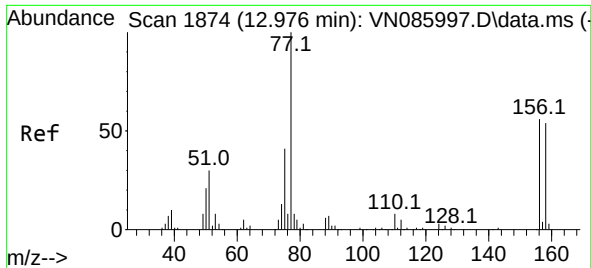
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#76
1,2,3-Trichloropropane
Concen: 47.780 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

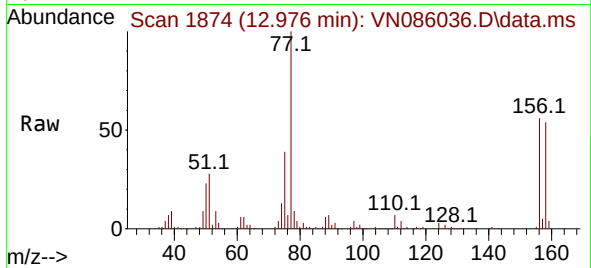
Tgt Ion: 75 Resp: 148586
Ion Ratio Lower Upper
75 100
77 174.8 83.7 251.0





#77
Bromobenzene
Concen: 47.790 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

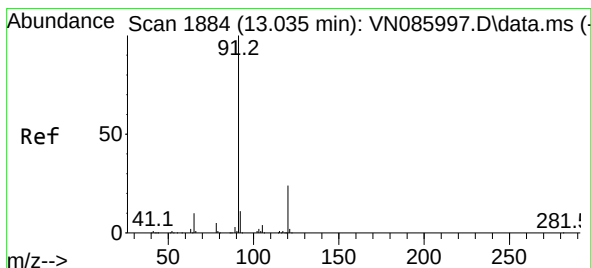
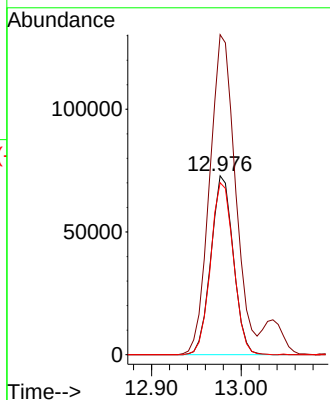
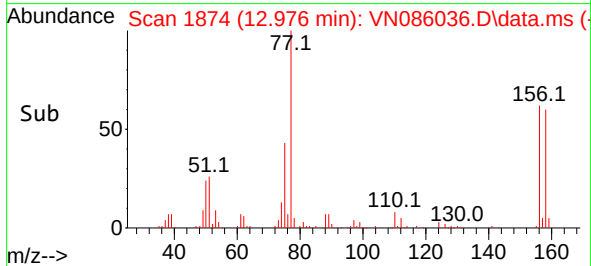
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



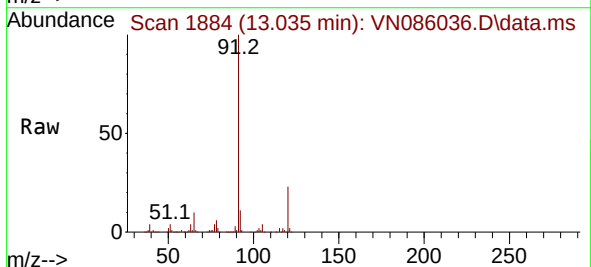
Tgt Ion:156 Resp: 126400
Ion Ratio Lower Upper
156 100
77 205.5 104.1 312.3
158 98.0 49.0 147.0

Manual Integrations
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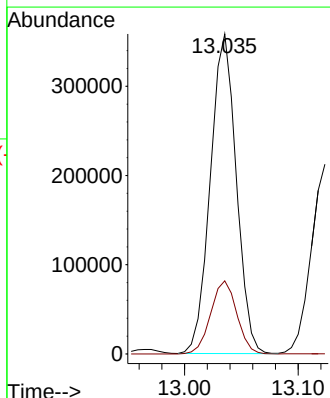
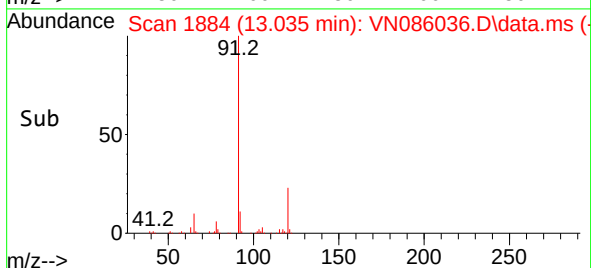
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

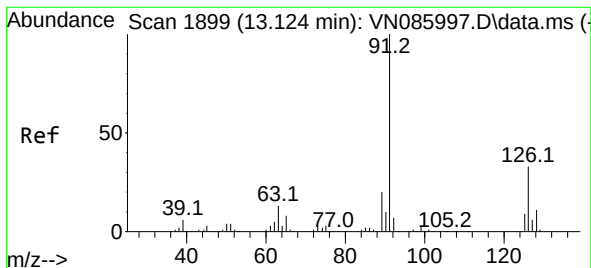


#78
n-propylbenzene
Concen: 52.921 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17



Tgt Ion: 91 Resp: 568424
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0





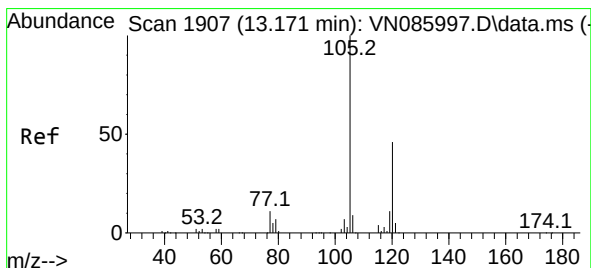
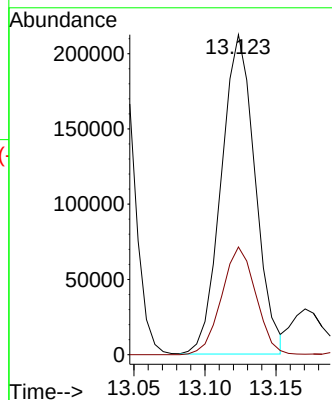
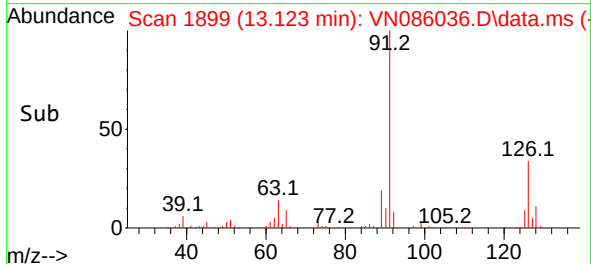
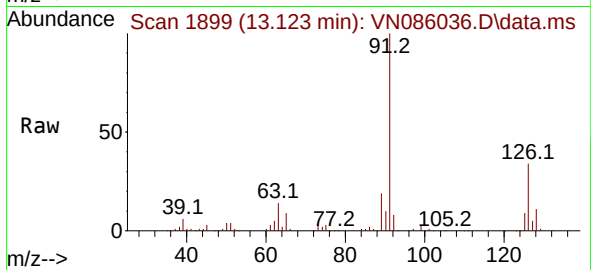
#79
2-Chlorotoluene
Concen: 49.485 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 35304
Ion Ratio Lower Upper
91 100
126 34.0 16.4 49.2

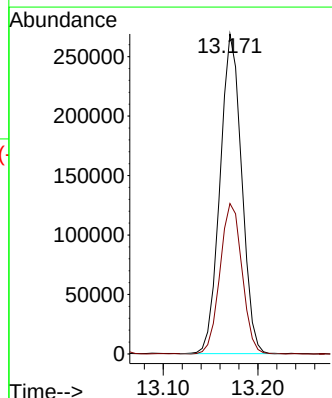
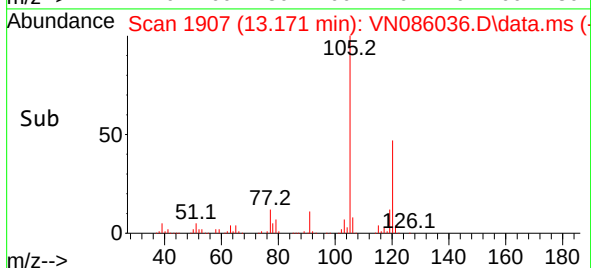
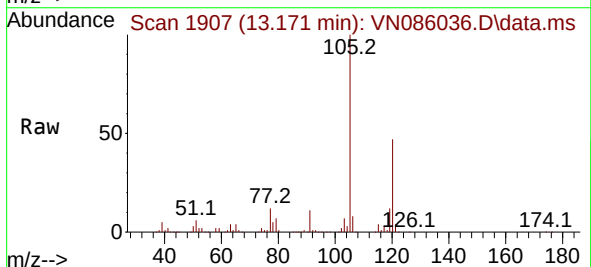
Manual Integrations
APPROVED

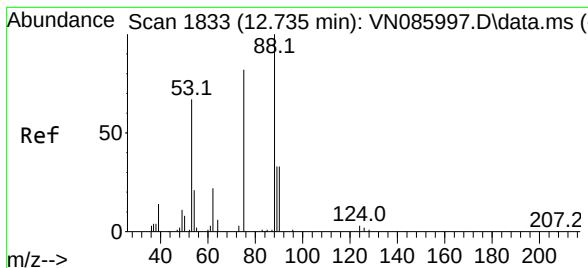
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.340 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion:105 Resp: 427177
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1





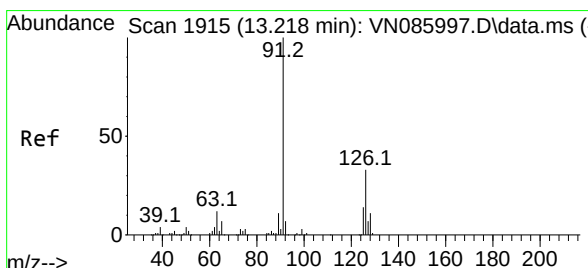
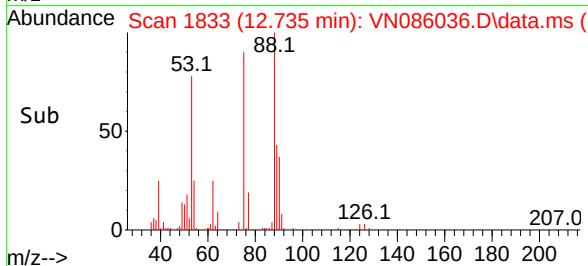
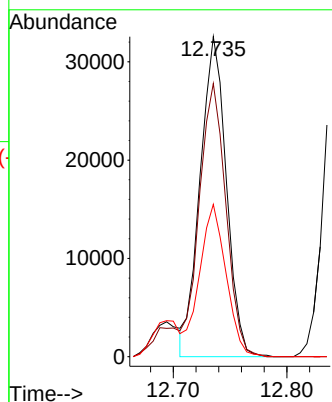
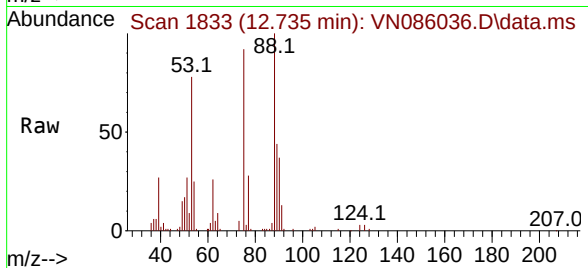
#81
trans-1,4-Dichloro-2-butene
Concen: 44.432 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5226
Ion Ratio Lower Upper
75 100
53 96.4 66.0 99.0
89 48.5 36.9 55.3

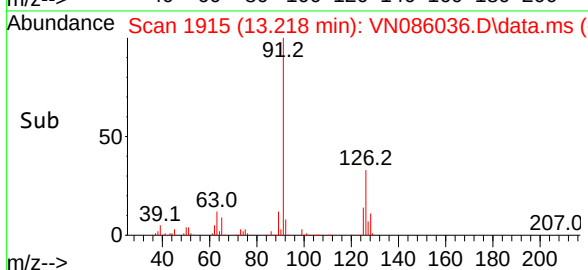
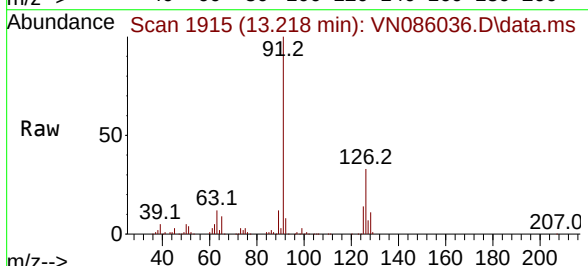
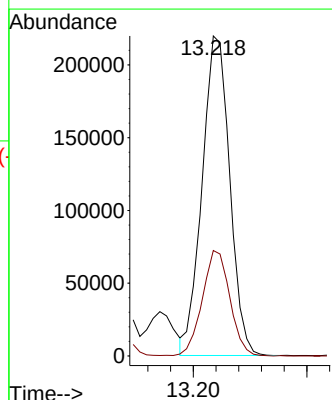
Manual Integrations
APPROVED

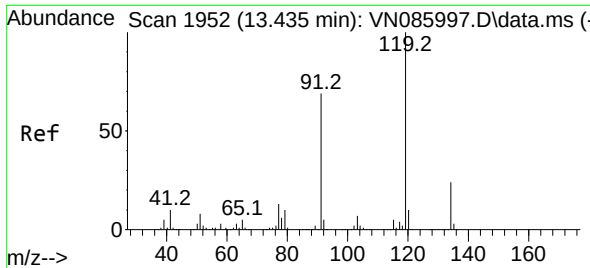
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#82
4-Chlorotoluene
Concen: 50.547 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

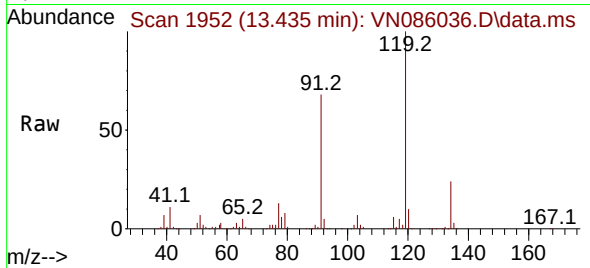
Tgt Ion: 91 Resp: 370842
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.2





#83
 tert-Butylbenzene
 Concen: 50.968 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17

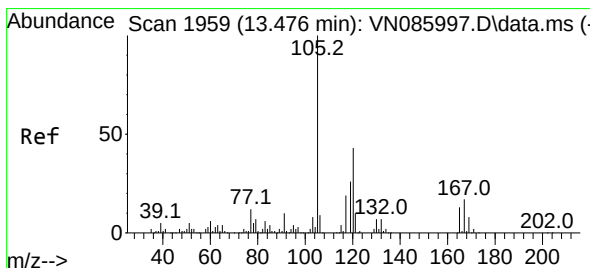
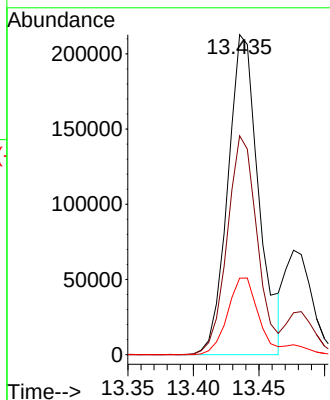
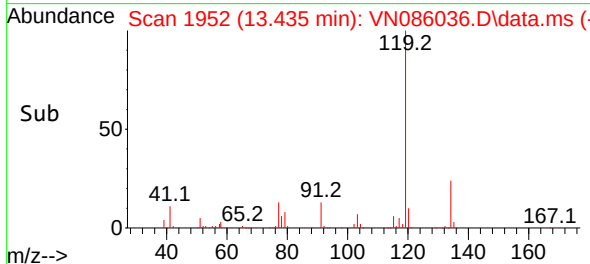
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



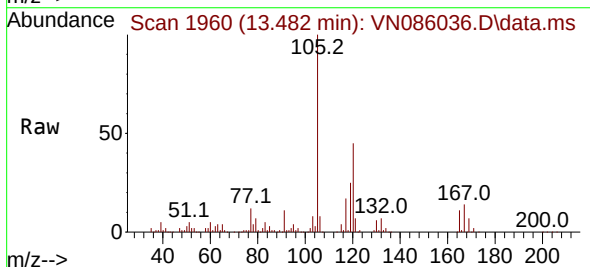
Tgt Ion:119 Resp: 349102
 Ion Ratio Lower Upper
 119 100
 91 66.6 34.3 102.9
 134 26.2 13.5 40.5

Manual Integrations
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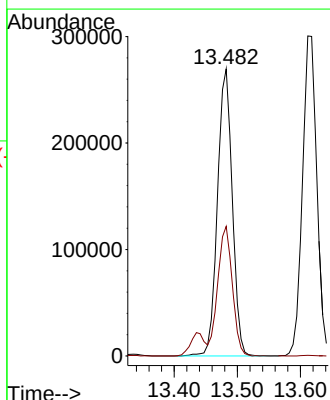
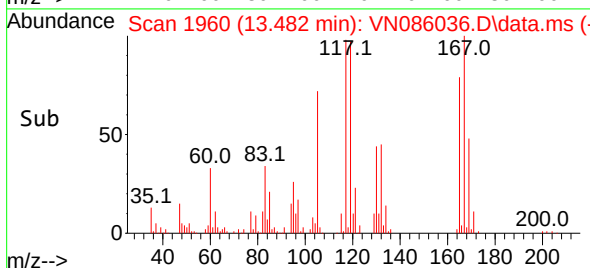
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025

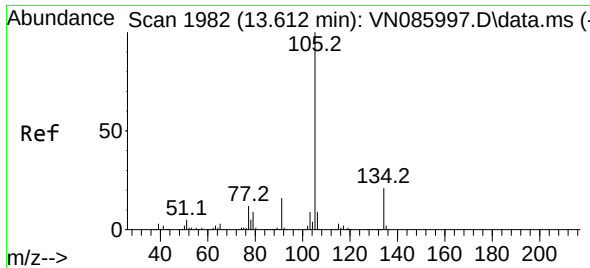


#84
 1,2,4-Trimethylbenzene
 Concen: 54.221 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17



Tgt Ion:105 Resp: 437972
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.9 65.8





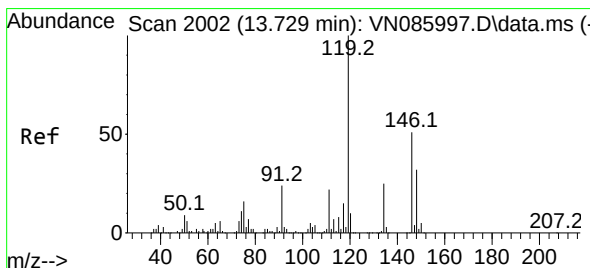
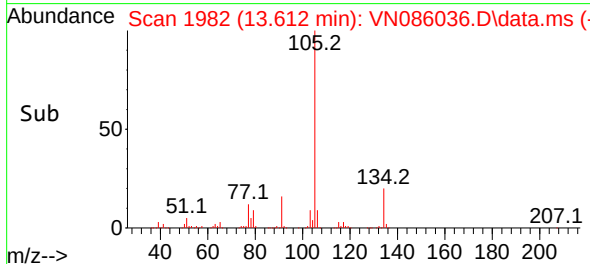
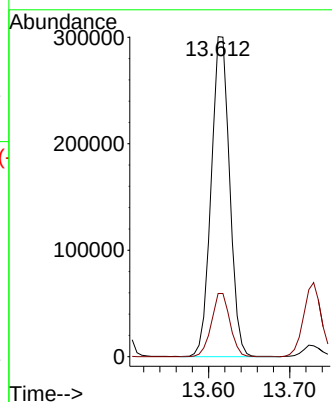
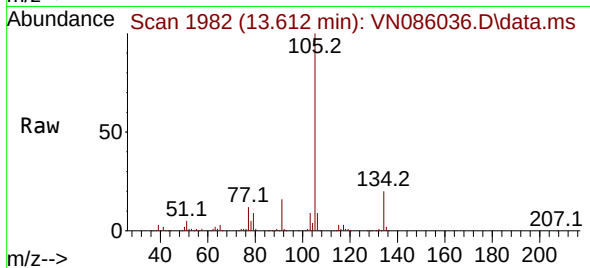
#85
 sec-Butylbenzene
 Concen: 53.082 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 474302
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

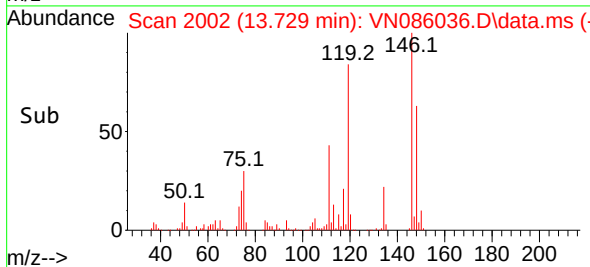
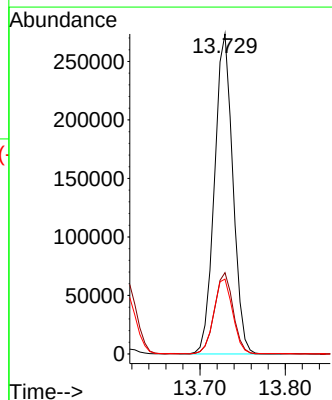
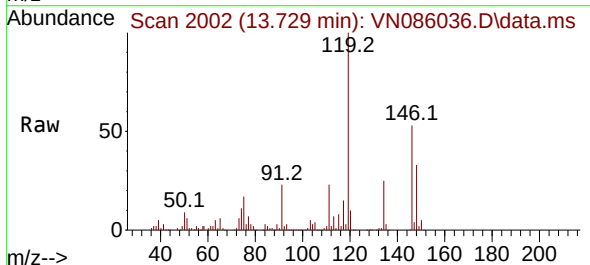
Manual Integrations
 APPROVED

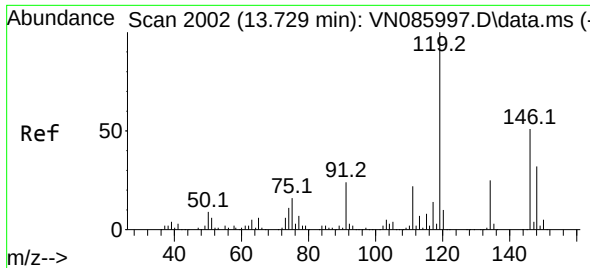
Reviewed By :John Carlone 03/24/2025
 Supervised By :Semsettin Yesilyurt 03/24/2025



#86
 p-Isopropyltoluene
 Concen: 54.168 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086036.D
 Acq: 21 Mar 2025 13:17

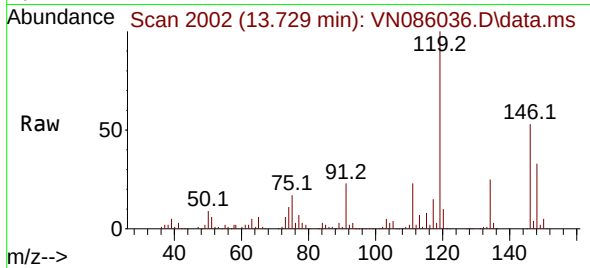
Tgt Ion:119 Resp: 409715
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.1 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 50.641 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

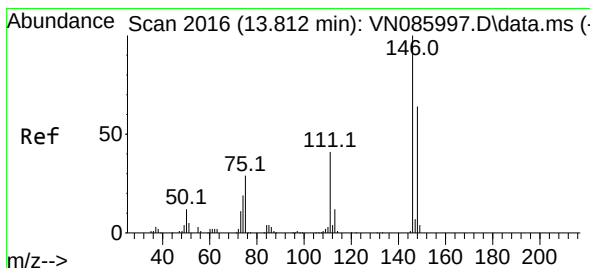
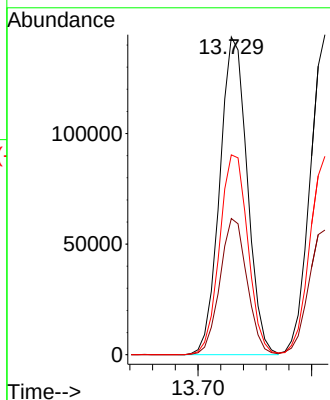
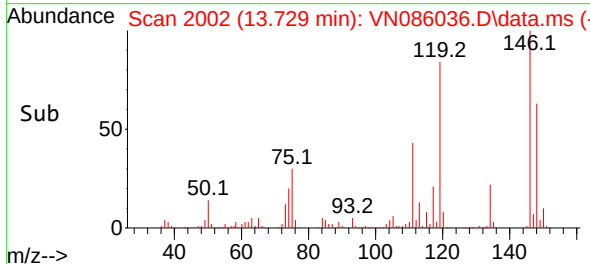
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



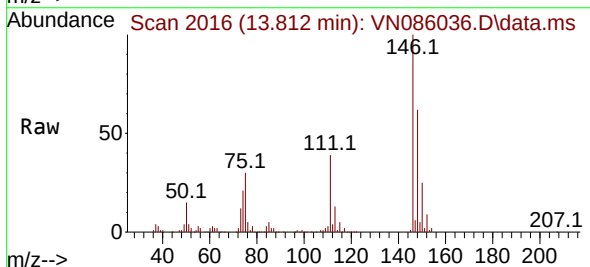
Tgt Ion:146 Resp: 241434
Ion Ratio Lower Upper
146 100
111 42.3 21.2 63.6
148 64.8 31.8 95.4

Manual Integrations
APPROVED

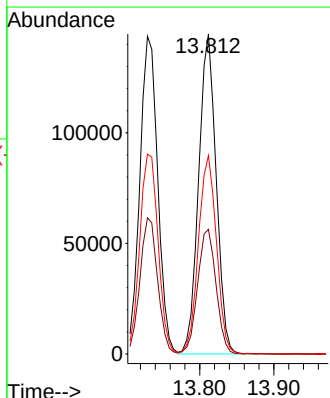
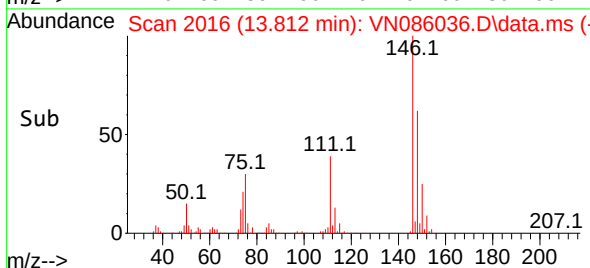
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025

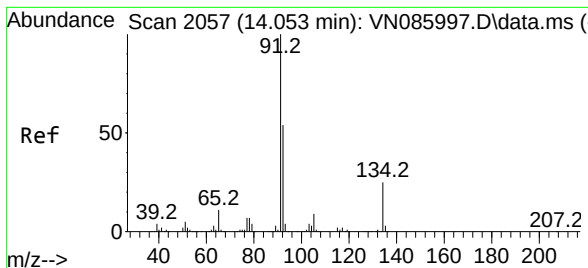


#88
1,4-Dichlorobenzene
Concen: 47.527 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17



Tgt Ion:146 Resp: 238063
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.3
148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 51.631 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

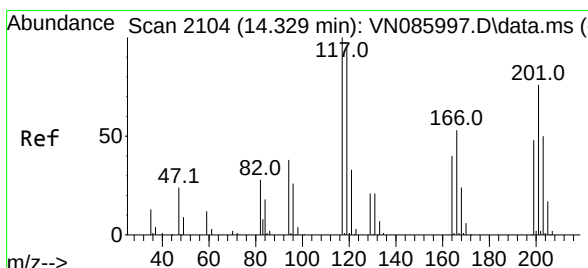
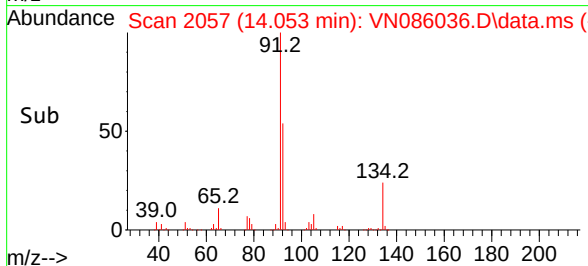
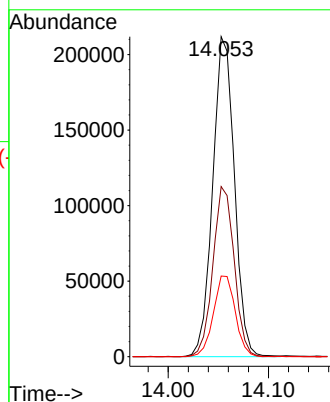
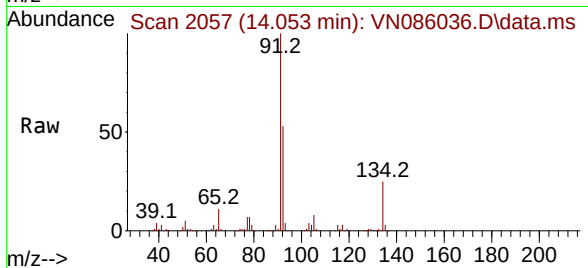
Tgt Ion:	91	Resp:	31801
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.9	80.6
134	25.5	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#90

Hexachloroethane

Concen: 46.403 ug/l

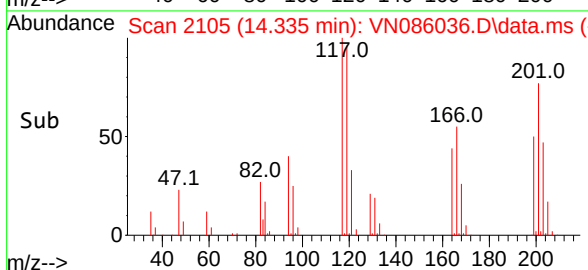
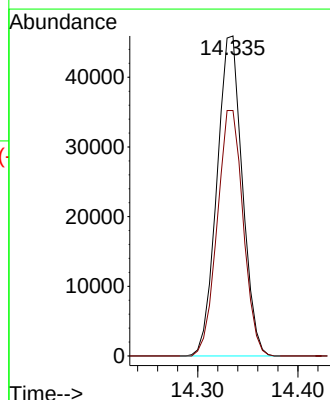
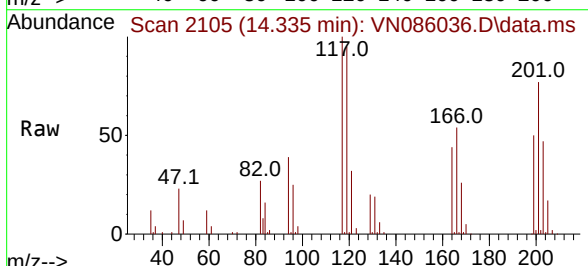
RT: 14.335 min Scan# 2105

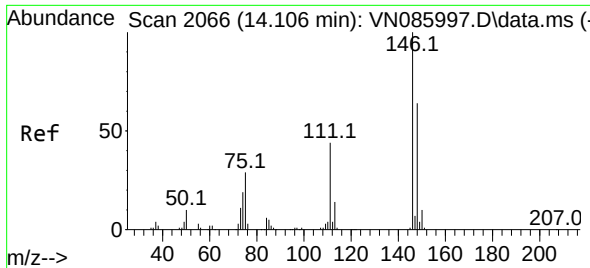
Delta R.T. 0.006 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Tgt Ion:	117	Resp:	80986
Ion	Ratio	Lower	Upper
117	100		
201	78.0	39.1	117.3





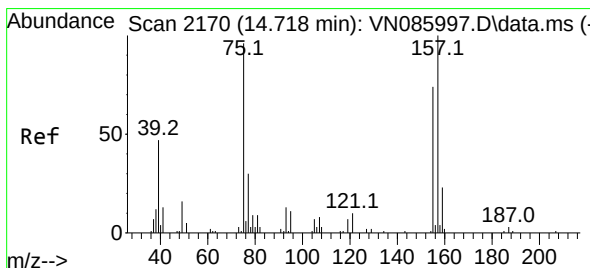
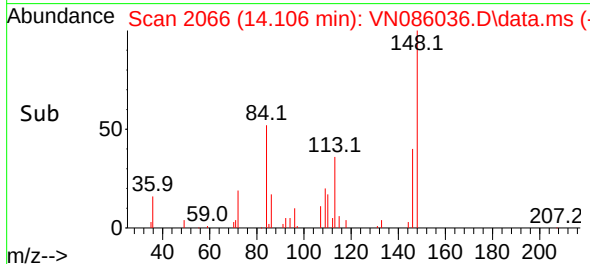
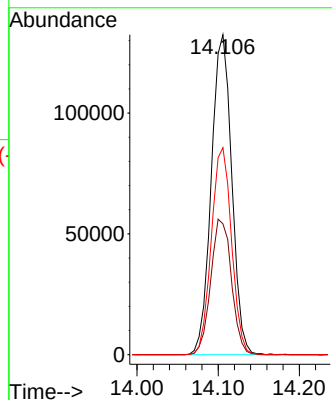
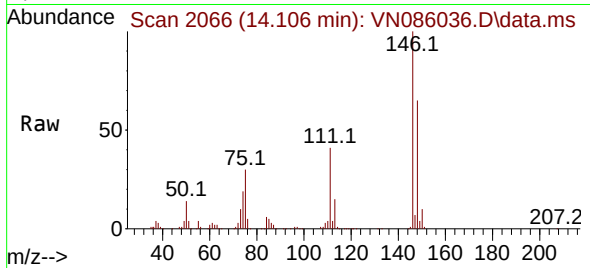
#91
1,2-Dichlorobenzene
Concen: 48.838 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 23146
Ion Ratio Lower Upper
146 100
111 42.9 22.3 66.8
148 64.0 32.1 96.5

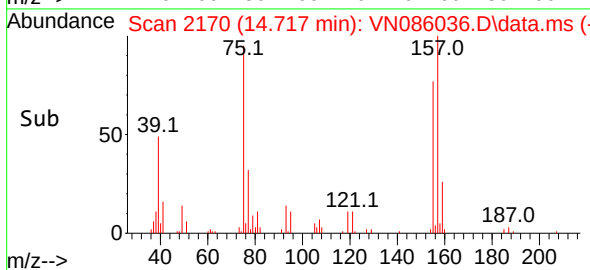
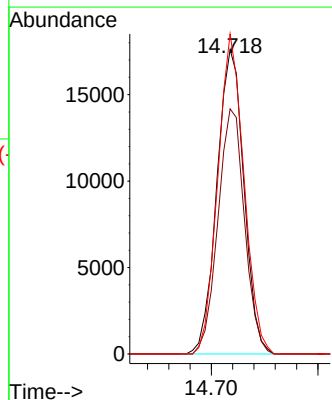
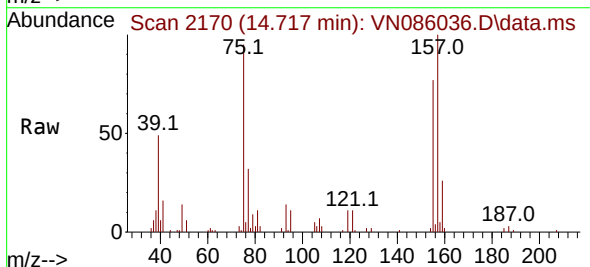
Manual Integrations
APPROVED

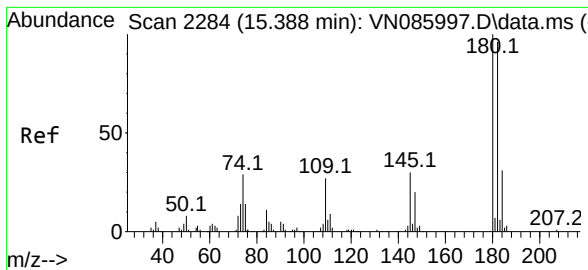
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.222 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion: 75 Resp: 30890
Ion Ratio Lower Upper
75 100
155 79.4 41.0 123.0
157 101.8 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 44.537 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 10613

Ion Ratio Lower Upper

180 100

182 96.9 47.0 141.0

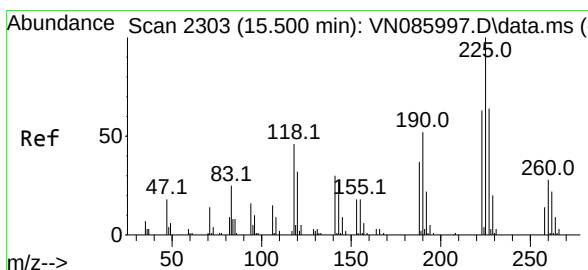
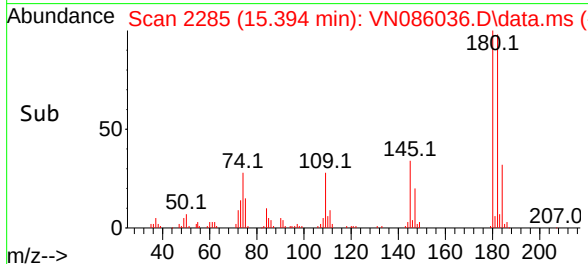
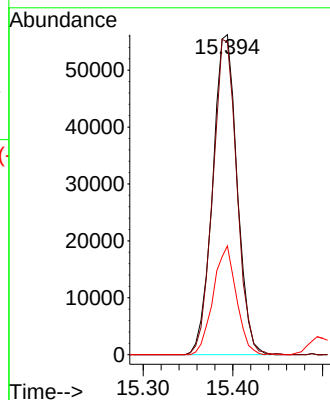
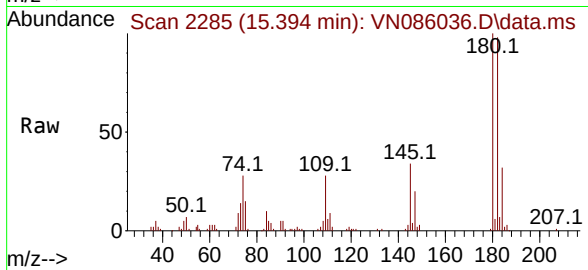
145 32.3 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/24/2025

Supervised By :Semsettin Yesilyurt 03/24/2025



#94

Hexachlorobutadiene

Concen: 42.060 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086036.D

Acq: 21 Mar 2025 13:17

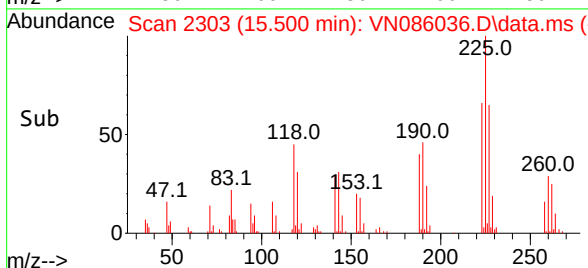
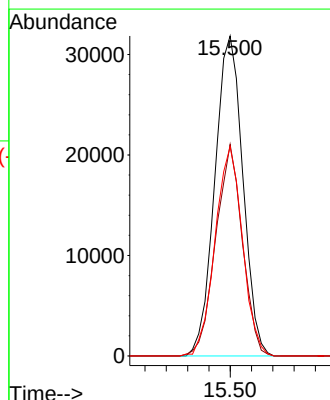
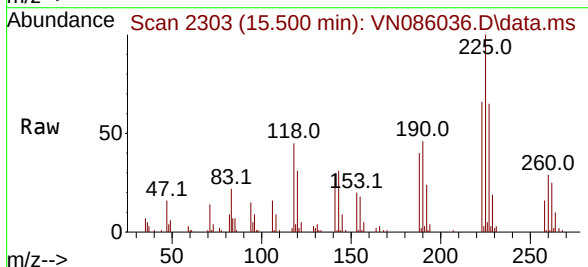
Tgt Ion:225 Resp: 58150

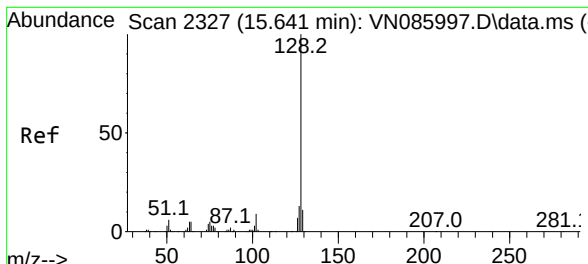
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.9

227 63.8 32.1 96.3





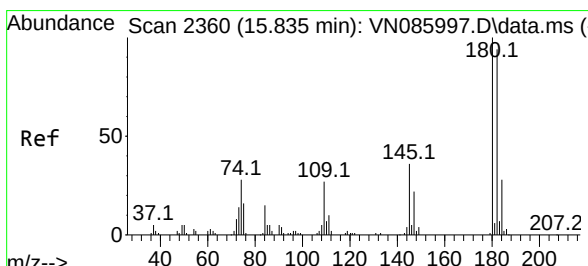
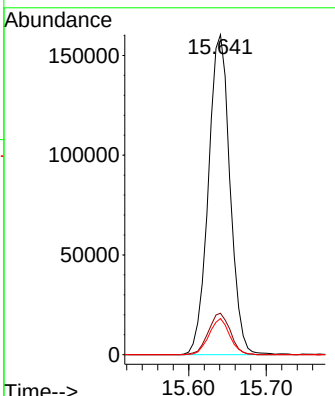
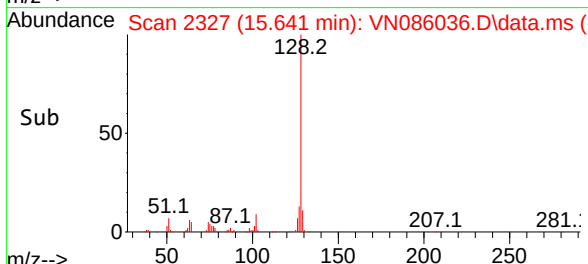
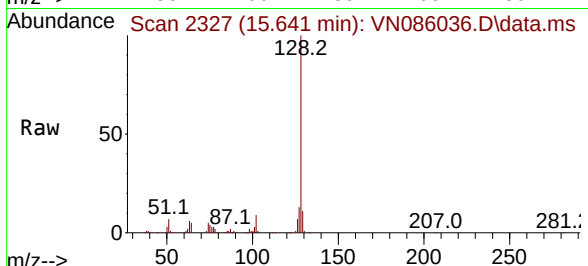
#95
Naphthalene
Concen: 45.019 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion:128	Resp: 31065
Ion Ratio	Lower Upper
128 100	
127 13.1	10.2 15.4
129 10.8	9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.728 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086036.D
Acq: 21 Mar 2025 13:17

Tgt Ion:180	Resp: 107925
Ion Ratio	Lower Upper
180 100	
182 92.9	47.5 142.5
145 33.7	17.7 53.1

