

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087017.D
 Acq On : 16 Jun 2025 09:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 17 07:16:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/17/2025
 Supervised By : Semsettin Yesilyurt 06/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	190027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	106350	41.800	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.600%		
35) Dibromofluoromethane	8.171	113	94386	47.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.220%		
50) Toluene-d8	10.565	98	351638	44.807	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.620%		
62) 4-Bromofluorobenzene	12.847	95	132718	45.518	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	108175	57.094	ug/l	98
3) Chloromethane	2.395	50	109051	44.572	ug/l	98
4) Vinyl Chloride	2.553	62	147574	58.472	ug/l	98
5) Bromomethane	2.995	94	61231	43.354	ug/l	98
6) Chloroethane	3.159	64	92590	56.795	ug/l	98
7) Trichlorofluoromethane	3.530	101	182201	55.254	ug/l	99
8) Diethyl Ether	3.983	74	79826	55.562	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	113848	54.954	ug/l	99
10) Methyl Iodide	4.612	142	67582	25.165	ug/l	96
11) Tert butyl alcohol	5.536	59	149479	216.524	ug/l	98
12) 1,1-Dichloroethene	4.371	96	118809	56.173	ug/l	96
13) Acrolein	4.206	56	26856	122.898	ug/l	97
14) Allyl chloride	5.047	41	170531	48.616	ug/l	94
15) Acrylonitrile	5.736	53	394798	244.667	ug/l	99
16) Acetone	4.442	43	323168	239.519	ug/l	96
17) Carbon Disulfide	4.742	76	356722	60.973	ug/l	100
18) Methyl Acetate	5.047	43	159446	40.552	ug/l	98
19) Methyl tert-butyl Ether	5.818	73	399579	52.177	ug/l	99
20) Methylene Chloride	5.300	84	131377	52.010	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	127891	54.348	ug/l	96
22) Diisopropyl ether	6.688	45	363906	49.217	ug/l	96
23) Vinyl Acetate	6.618	43	1629503	260.843	ug/l	97
24) 1,1-Dichloroethane	6.588	63	225464	52.987	ug/l	100
25) 2-Butanone	7.488	43	488768	222.862	ug/l	96
26) 2,2-Dichloropropane	7.500	77	196122	59.253	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	151345	53.778	ug/l	99
28) Bromochloromethane	7.824	49	92552	44.238	ug/l	91
29) Tetrahydrofuran	7.847	42	325481	227.820	ug/l	95
30) Chloroform	7.971	83	220029	51.780	ug/l	99
31) Cyclohexane	8.265	56	202567	49.089	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	188278	52.094	ug/l	97
36) 1,1-Dichloropropene	8.377	75	165024	55.864	ug/l	99
37) Ethyl Acetate	7.571	43	189603	50.420	ug/l	99
38) Carbon Tetrachloride	8.371	117	159282	54.922	ug/l	96
39) Methylcyclohexane	9.606	83	206742	51.084	ug/l	97
40) Benzene	8.612	78	530925	54.963	ug/l	100

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	99556	47.141	ug/l	93
42) 1,2-Dichloroethane	8.677	62	155773	53.167	ug/l	99
43) Isopropyl Acetate	8.694	43	293801	48.678	ug/l	96
44) Trichloroethene	9.359	130	129680	56.617	ug/l	97
45) 1,2-Dichloropropane	9.624	63	127768	54.368	ug/l	99
46) Dibromomethane	9.712	93	87464	56.032	ug/l	98
47) Bromodichloromethane	9.888	83	174122	54.216	ug/l	99
48) Methyl methacrylate	9.682	41	135021	48.604	ug/l	94
49) 1,4-Dioxane	9.700	88	50936	1007.894	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	896090	246.622	ug/l	97
52) Toluene	10.629	92	327761	55.522	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	200248	55.760	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	216234	56.274	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	121706	53.580	ug/l	99
56) Ethyl methacrylate	10.876	69	206624	57.111	ug/l	93
57) 1,3-Dichloropropane	11.165	76	212453	53.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	517636	239.879	ug/l	98
59) 2-Hexanone	11.200	43	602730	257.529	ug/l	94
60) Dibromochloromethane	11.359	129	134421	56.799	ug/l	100
61) 1,2-Dibromoethane	11.471	107	128404	55.151	ug/l	99
64) Tetrachloroethene	11.106	164	103237	56.816	ug/l	94
65) Chlorobenzene	11.888	112	357903	56.520	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	114793	56.395	ug/l	98
67) Ethyl Benzene	11.965	91	598718	54.891	ug/l	98
68) m/p-Xylenes	12.070	106	483774	115.865	ug/l	96
69) o-Xylene	12.394	106	229956	57.505	ug/l	96
70) Styrene	12.412	104	393057	57.441	ug/l	99
71) Bromoform	12.576	173	89059	59.050	ug/l #	100
73) Isopropylbenzene	12.694	105	565099	54.232	ug/l	100
74) N-amyl acetate	12.518	43	179627	49.332	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	188972	53.532	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	158815m	46.711	ug/l	
77) Bromobenzene	12.982	156	137168	57.400	ug/l	95
78) n-propylbenzene	13.035	91	671600	53.036	ug/l	99
79) 2-Chlorotoluene	13.123	91	402792	53.039	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	465579	54.118	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	73074m	49.475	ug/l	
82) 4-Chlorotoluene	13.223	91	415939	54.130	ug/l	99
83) tert-Butylbenzene	13.435	119	398695	50.628	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	472628	54.786	ug/l	100
85) sec-Butylbenzene	13.612	105	574896	50.270	ug/l	100
86) p-Isopropyltoluene	13.729	119	487055	51.521	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	263818	56.112	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	266217	55.537	ug/l	100
89) n-Butylbenzene	14.053	91	432803	47.266	ug/l	99
90) Hexachloroethane	14.329	117	81390	50.792	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	249261	55.182	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41640	49.323	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	144014	49.928	ug/l	99
94) Hexachlorobutadiene	15.500	225	43928	40.877	ug/l	99
95) Naphthalene	15.635	128	566130	52.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	136928	47.780	ug/l	98

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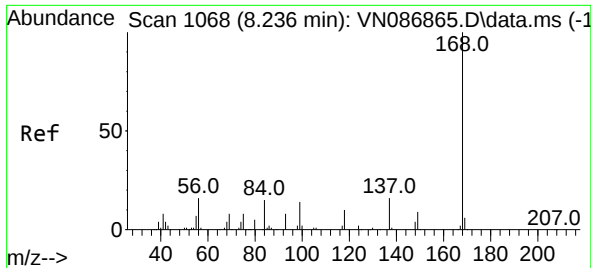
Manual Integrations
APPROVED

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Quant Time: Jun 17 07:16:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

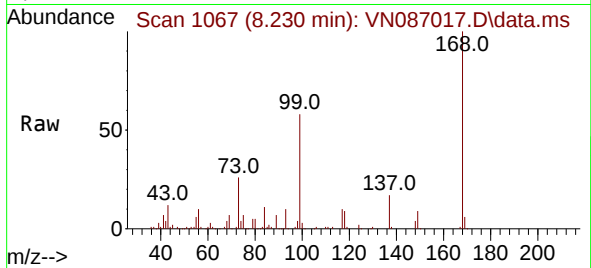
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
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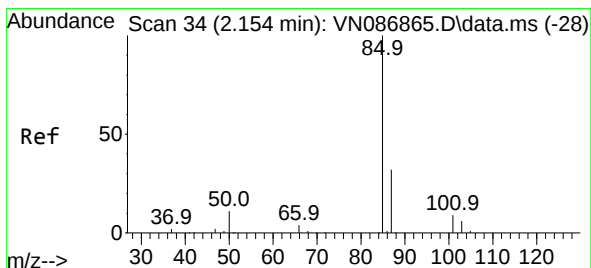
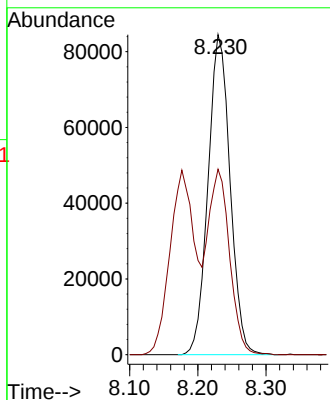
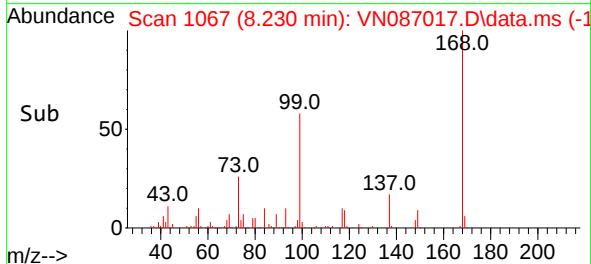
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 19002
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7

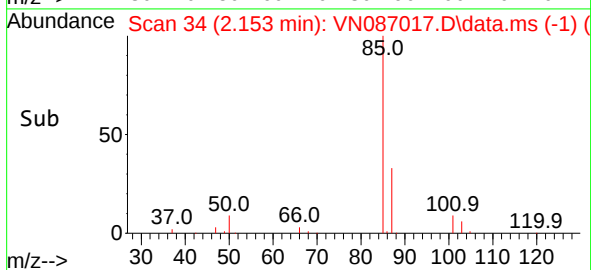
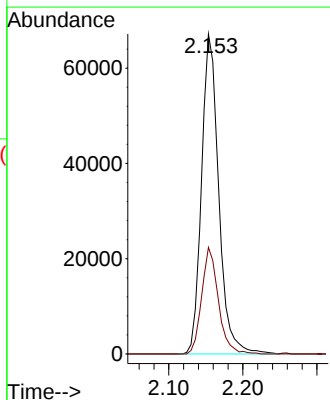
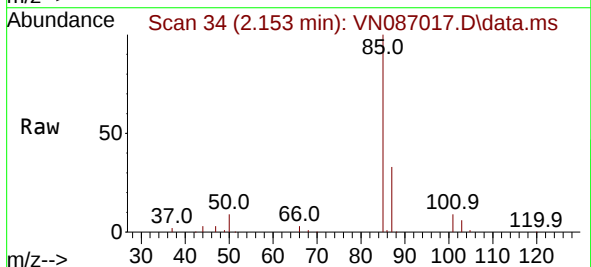
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#2
Dichlorodifluoromethane
Concen: 57.094 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

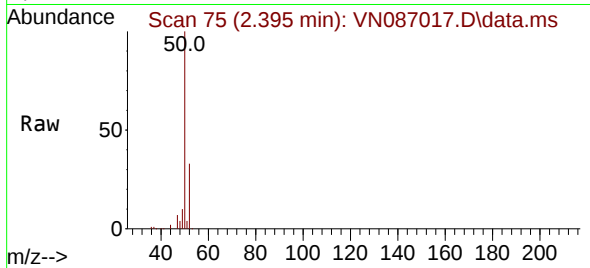
Tgt Ion: 85 Resp: 108175
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6





#3
Chloromethane
Concen: 44.572 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

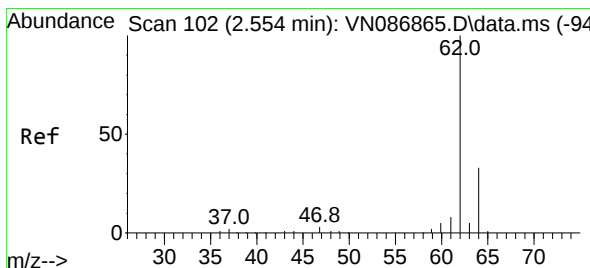
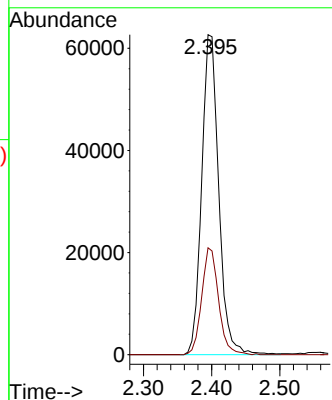
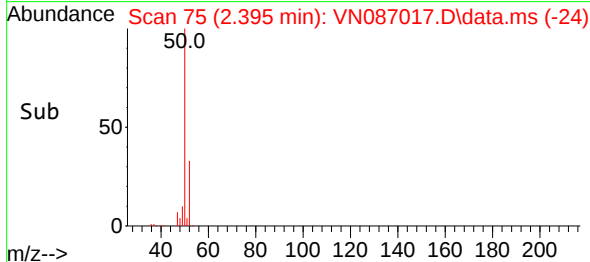
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 10905
Ion Ratio Lower Upper
50 100
52 33.4 25.7 38.5

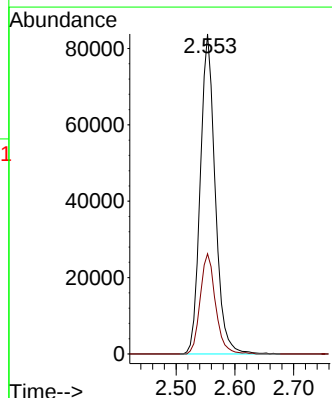
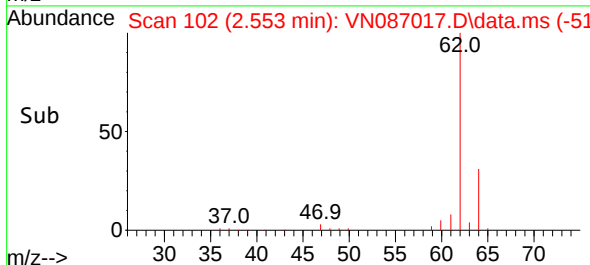
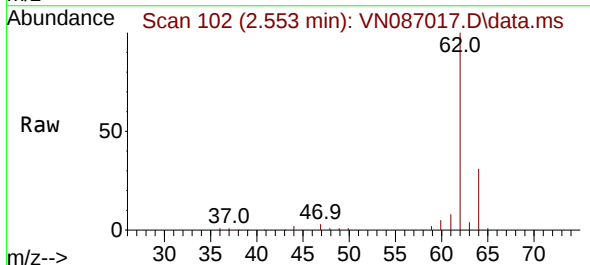
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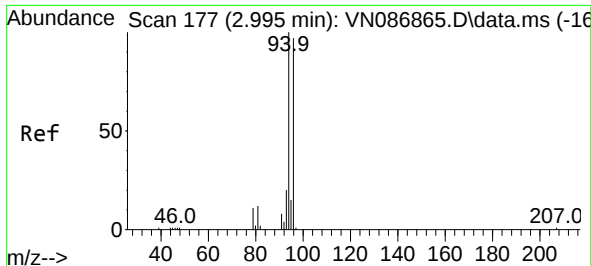
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#4
Vinyl Chloride
Concen: 58.472 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087017.D
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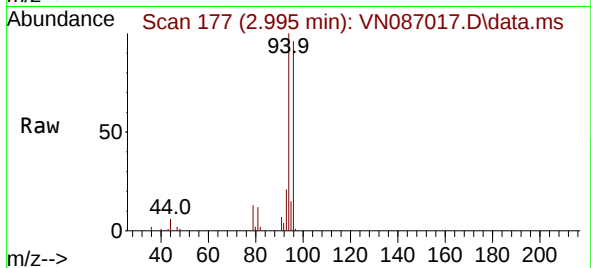
Tgt Ion: 62 Resp: 147574
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5
Bromomethane
Concen: 43.354 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

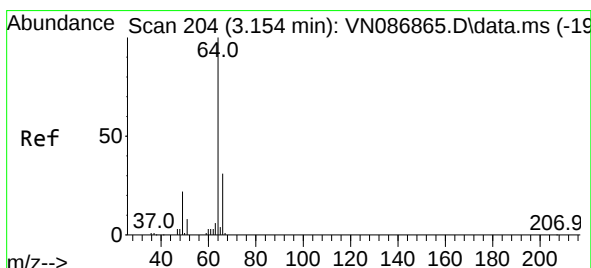
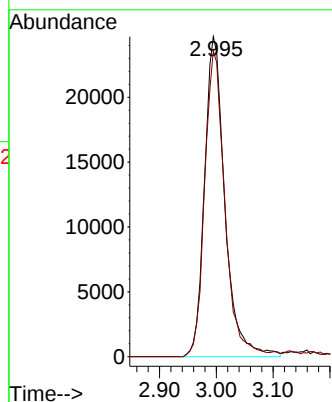
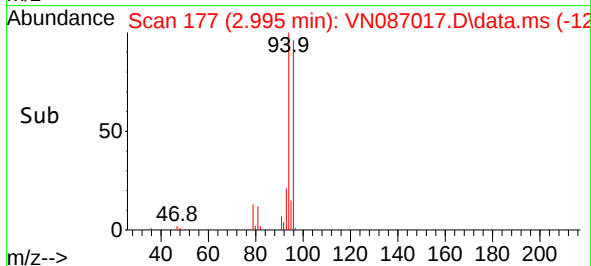
Instrument :
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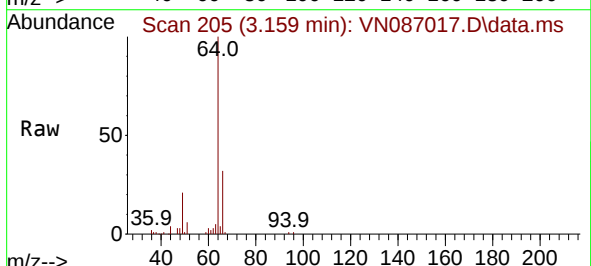
Tgt Ion: 94 Resp: 6123
Ion Ratio Lower Upper
94 100
96 95.6 77.9 116.9

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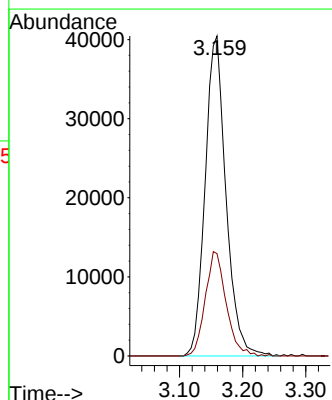
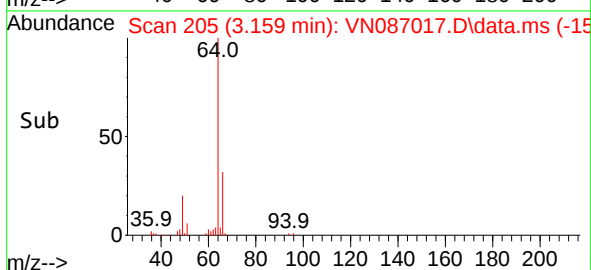
Reviewed By :John Carlone 06/17/2025
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#6
Chloroethane
Concen: 56.795 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



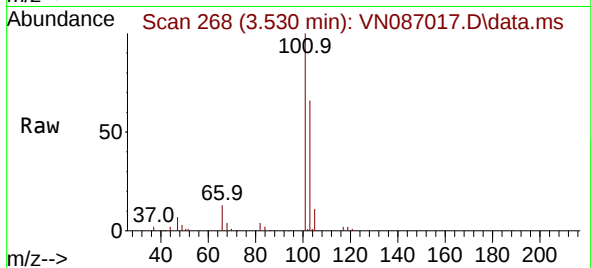
Tgt Ion: 64 Resp: 92590
Ion Ratio Lower Upper
64 100
66 32.0 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 55.254 ug/l
 RT: 3.530 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN087017.D
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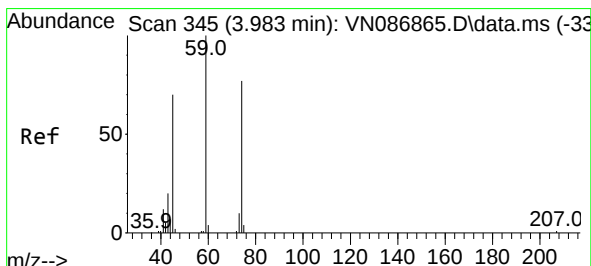
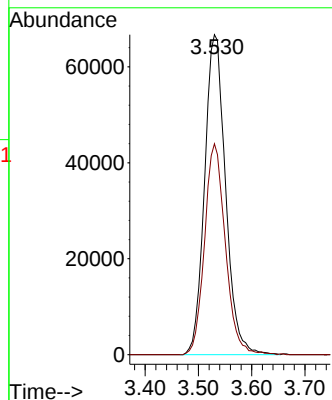
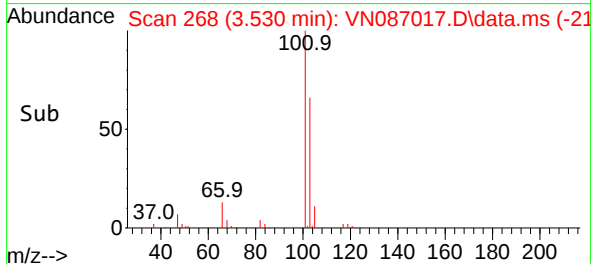
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 18220
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.2 78.2

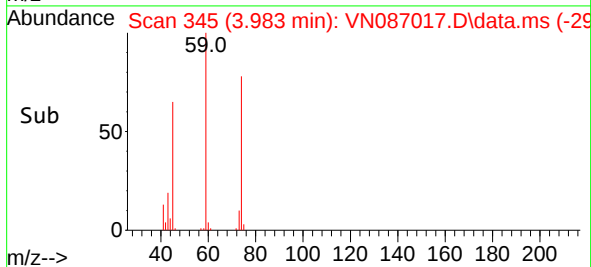
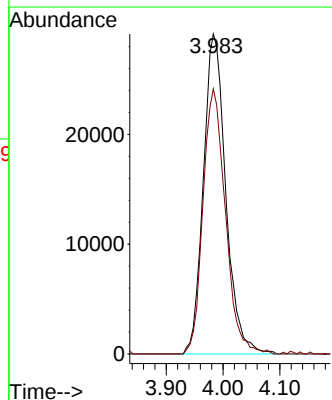
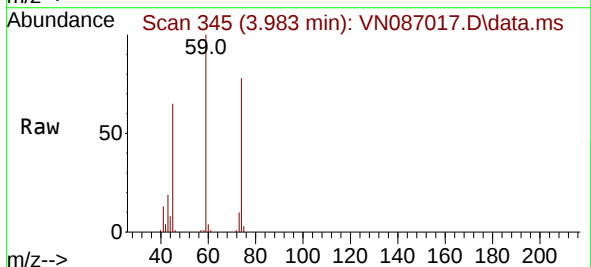
Manual Integrations
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#8
 Diethyl Ether
 Concen: 55.562 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087017.D
 Acq: 16 Jun 2025 09:48

Tgt Ion: 74 Resp: 79826
 Ion Ratio Lower Upper
 74 100
 45 83.2 45.5 136.5





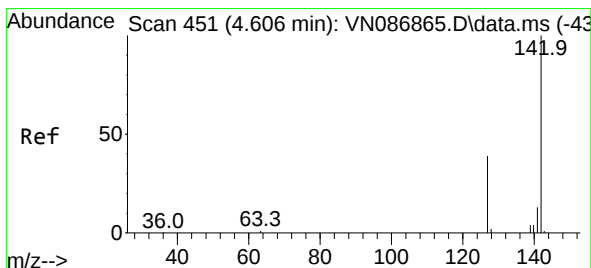
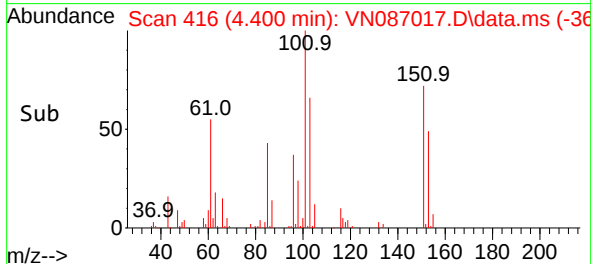
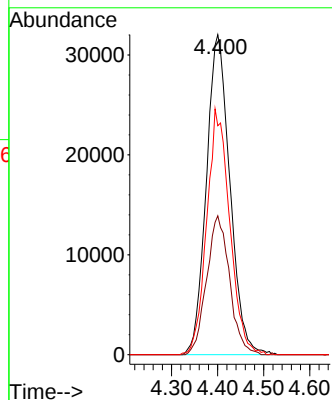
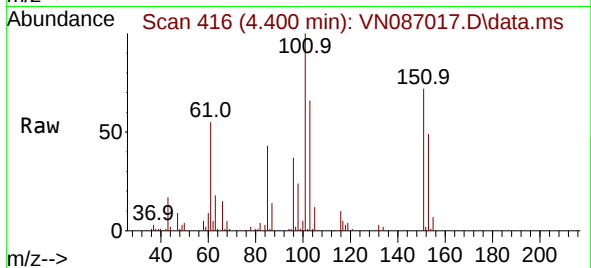
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.954 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087017.D
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Tgt Ion:101 Resp: 11384
Ion Ratio Lower Upper
101 100
85 42.3 33.8 50.8
151 75.0 58.7 88.1

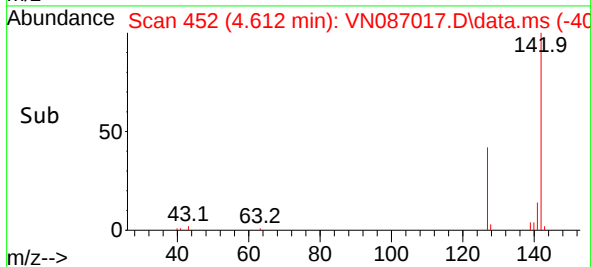
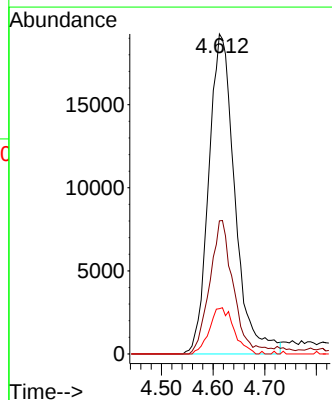
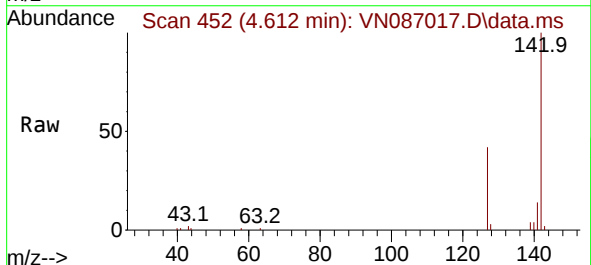
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#10
Methyl Iodide
Concen: 25.165 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

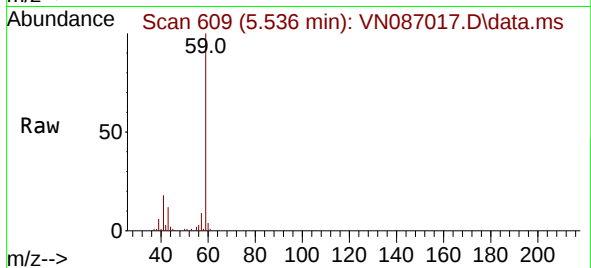
Tgt Ion:142 Resp: 67582
Ion Ratio Lower Upper
142 100
127 41.6 30.9 46.3
141 14.2 10.4 15.6





#11
Tert butyl alcohol
Concen: 216.524 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

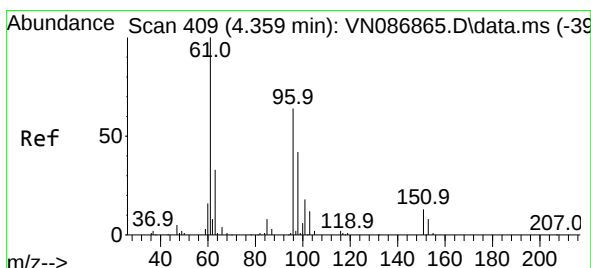
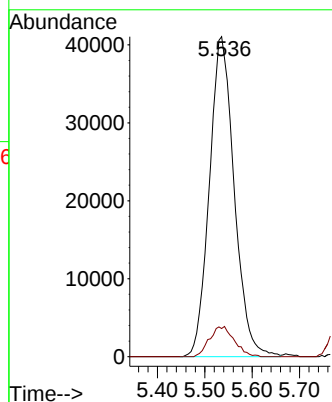
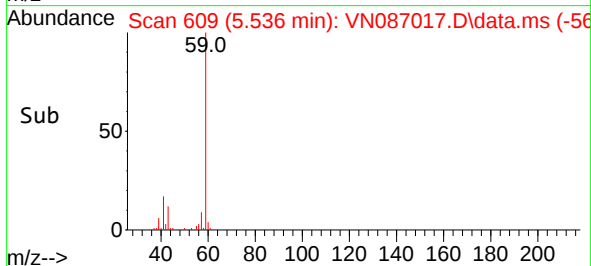
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



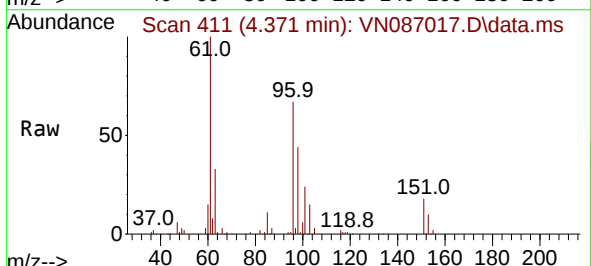
Tgt Ion: 59 Resp: 149479
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

Manual Integrations
APPROVED

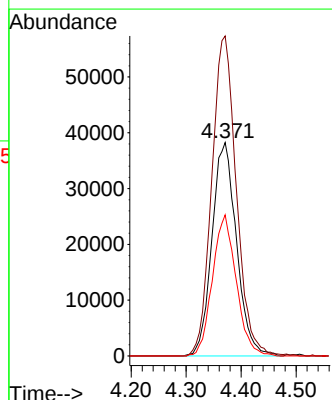
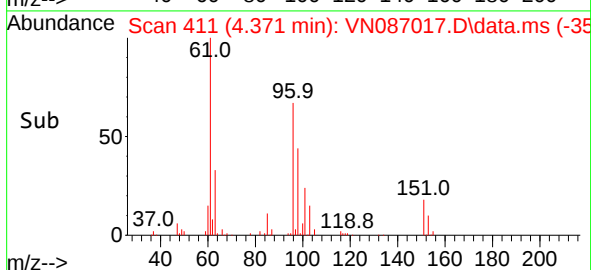
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

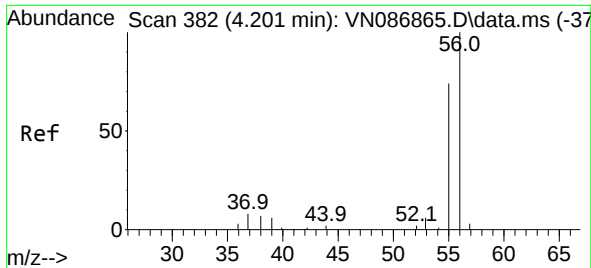


#12
1,1-Dichloroethene
Concen: 56.173 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



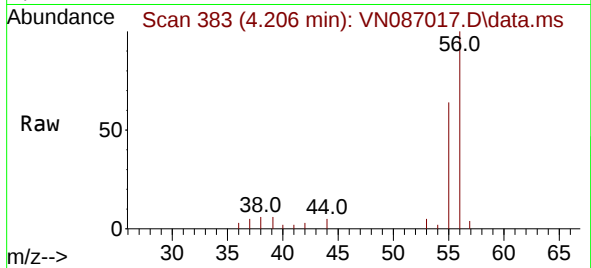
Tgt Ion: 96 Resp: 118809
Ion Ratio Lower Upper
96 100
61 149.9 125.8 188.6
98 66.1 52.5 78.7





#13
Acrolein
Concen: 122.898 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

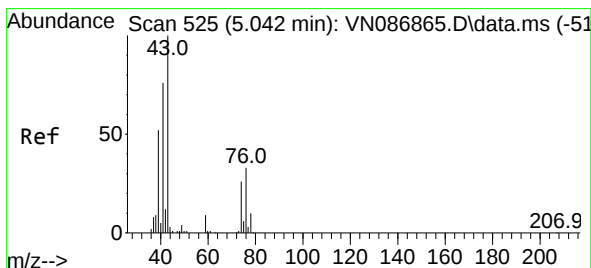
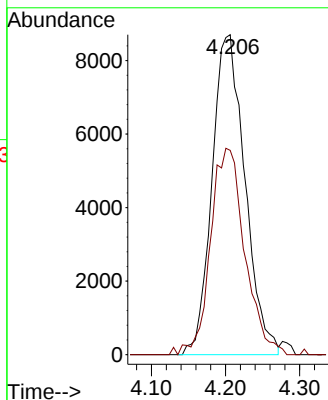
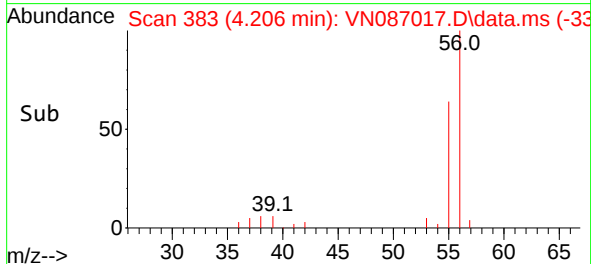
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 2685
Ion Ratio Lower Upper
56 100
55 67.0 55.6 83.4

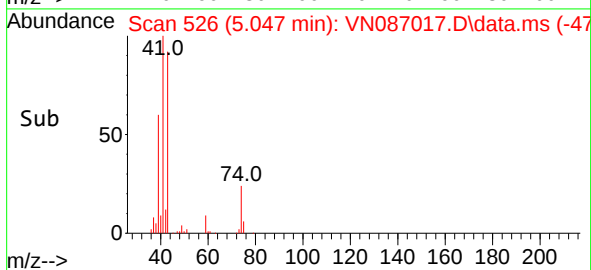
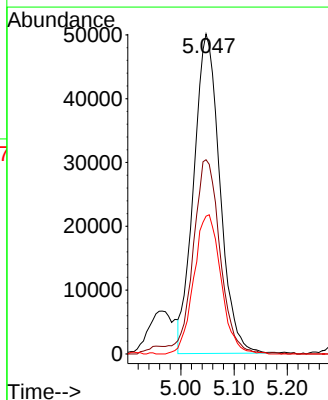
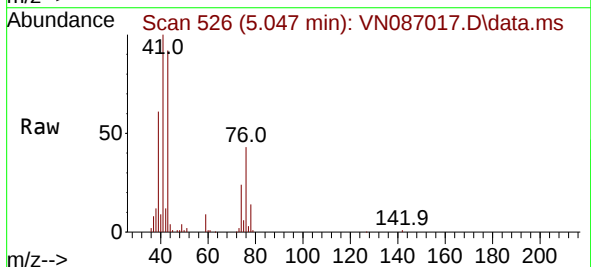
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#14
Allyl chloride
Concen: 48.616 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

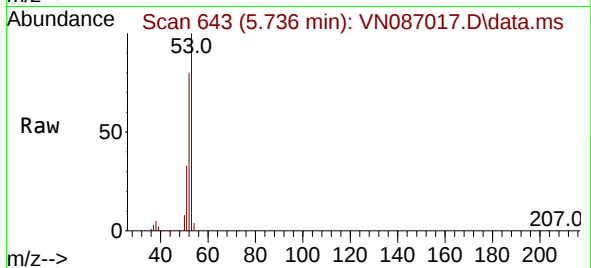
Tgt Ion: 41 Resp: 170531
Ion Ratio Lower Upper
41 100
39 61.6 51.3 76.9
76 45.4 31.4 47.0





#15
Acrylonitrile
Concen: 244.667 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

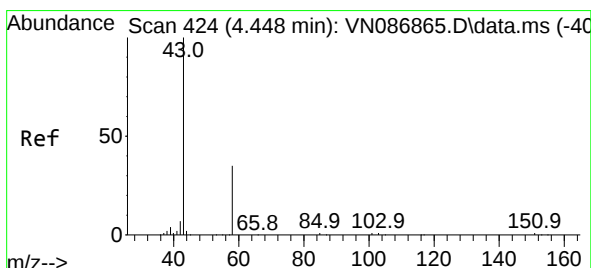
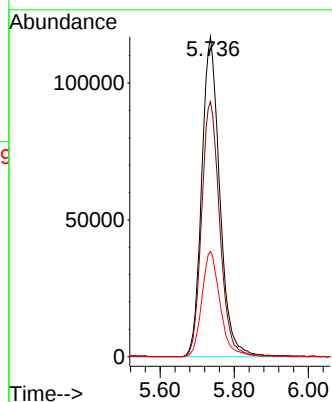
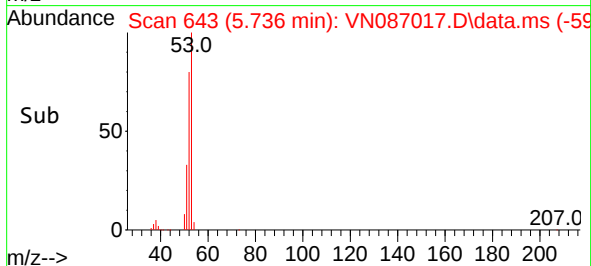
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



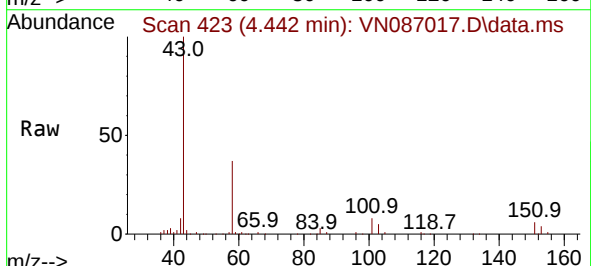
Tgt Ion: 53 Resp: 394798
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.6
51 33.3 27.2 40.8

Manual Integrations
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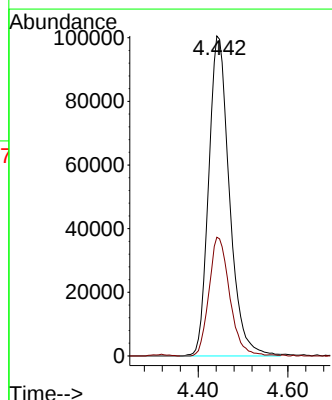
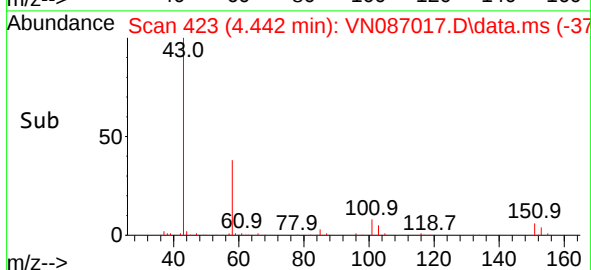
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#16
Acetone
Concen: 239.519 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



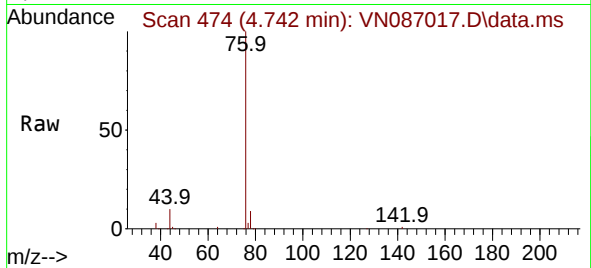
Tgt Ion: 43 Resp: 323168
Ion Ratio Lower Upper
43 100
58 37.1 28.0 42.0





#17
Carbon Disulfide
Concen: 60.973 ug/l
RT: 4.742 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

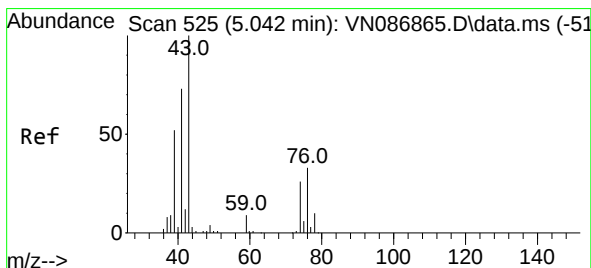
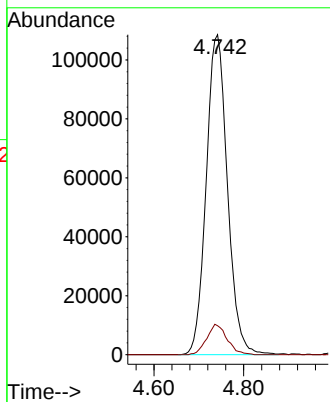
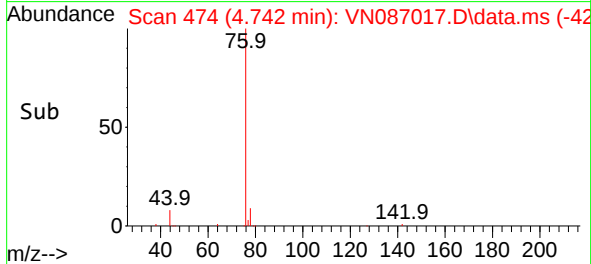
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 35672
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

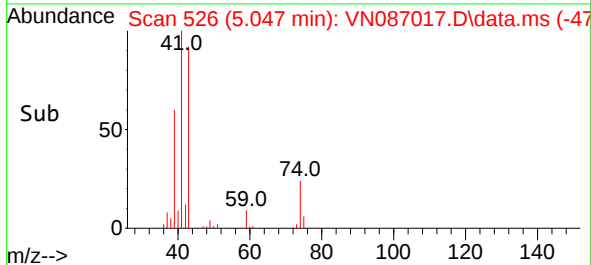
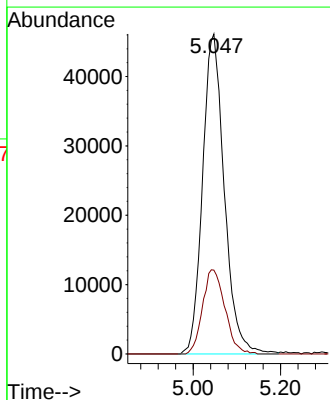
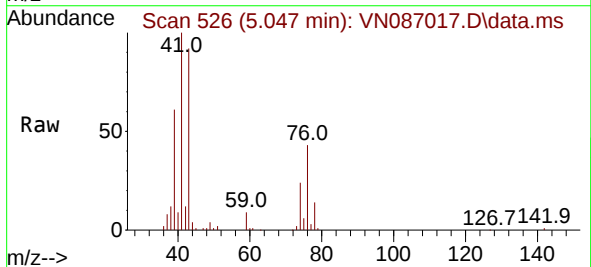
Manual Integrations
APPROVED

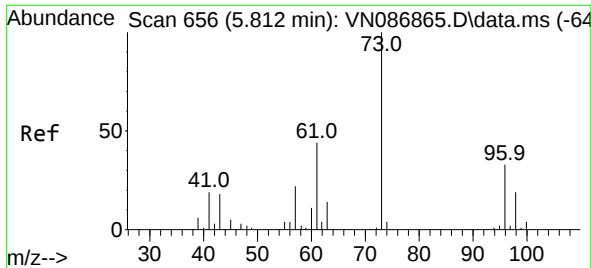
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#18
Methyl Acetate
Concen: 40.552 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion: 43 Resp: 159446
Ion Ratio Lower Upper
43 100
74 27.1 20.7 31.1





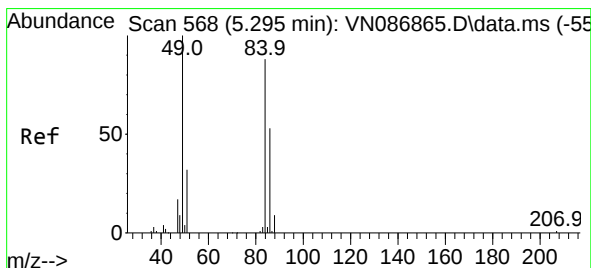
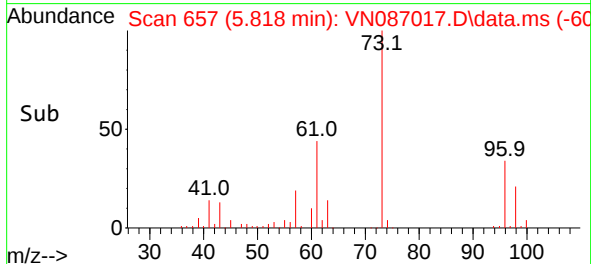
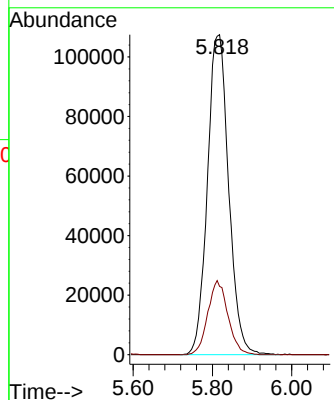
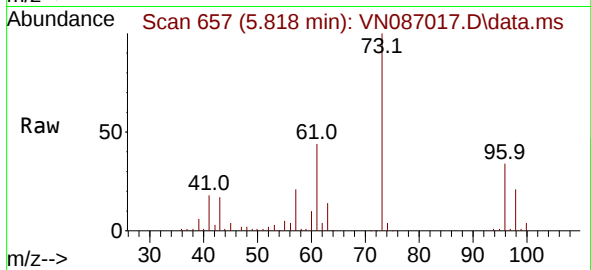
#19
Methyl tert-butyl Ether
Concen: 52.177 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 399579
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2

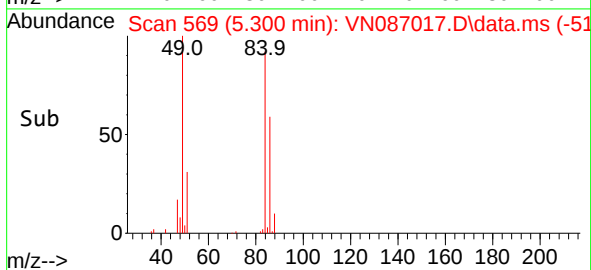
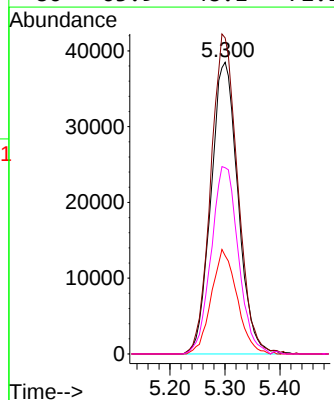
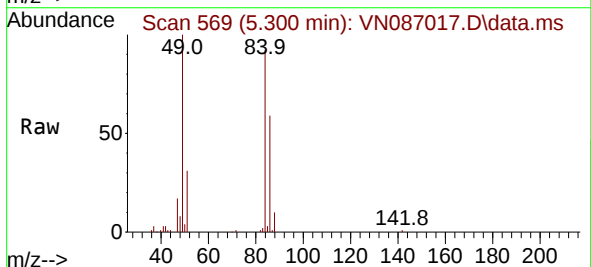
Manual Integrations
APPROVED

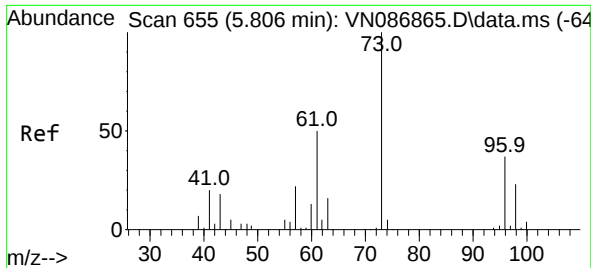
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#20
Methylene Chloride
Concen: 52.010 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

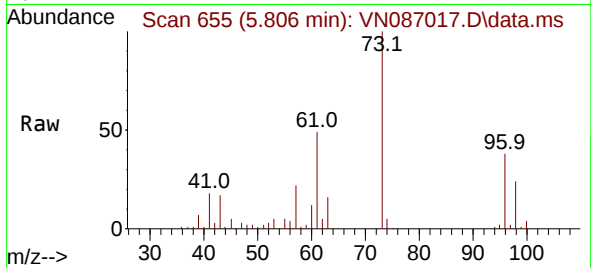
Tgt Ion: 84 Resp: 131377
Ion Ratio Lower Upper
84 100
49 108.3 90.5 135.7
51 33.7 28.5 42.7
86 63.9 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 54.348 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

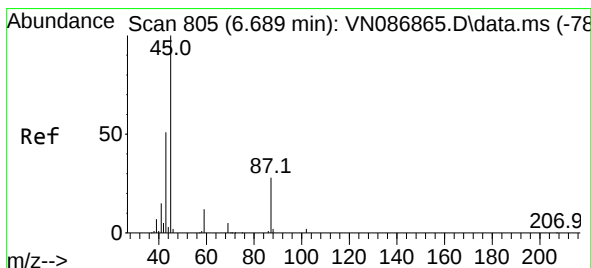
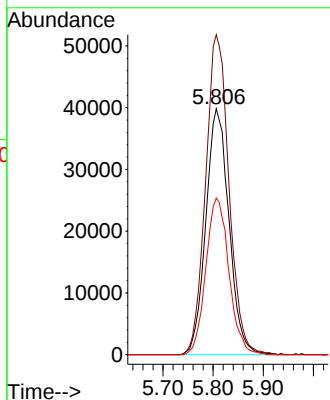
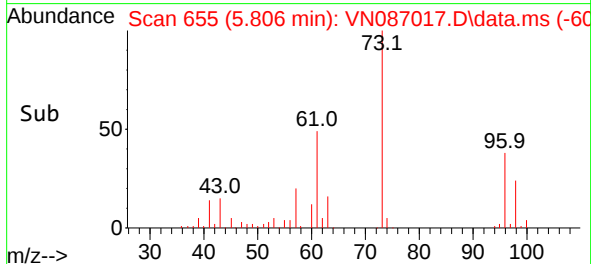
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



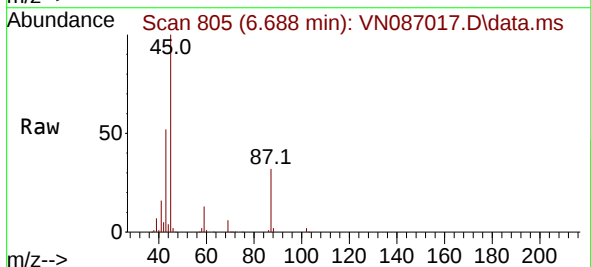
Tgt Ion: 96 Resp: 12789
Ion Ratio Lower Upper
96 100
61 130.1 109.2 163.8
98 63.6 49.8 74.8

Manual Integrations
APPROVED

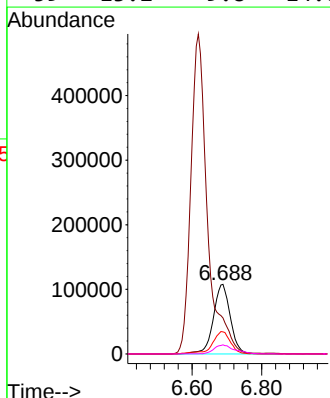
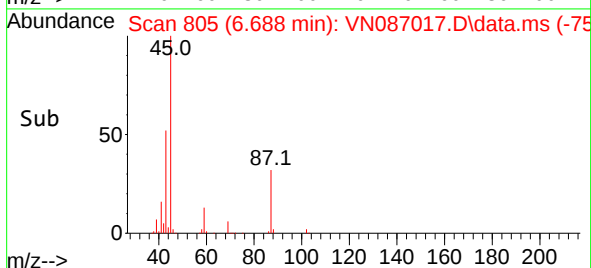
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#22
Diisopropyl ether
Concen: 49.217 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



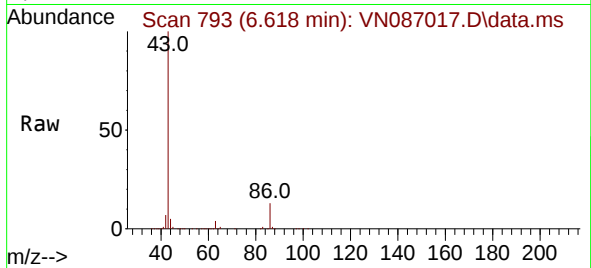
Tgt Ion: 45 Resp: 363906
Ion Ratio Lower Upper
45 100
43 51.0 41.9 62.9
87 31.9 22.4 33.6
59 13.2 9.8 14.6





#23
 Vinyl Acetate
 Concen: 260.843 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087017.D
 Acq: 16 Jun 2025 09:48

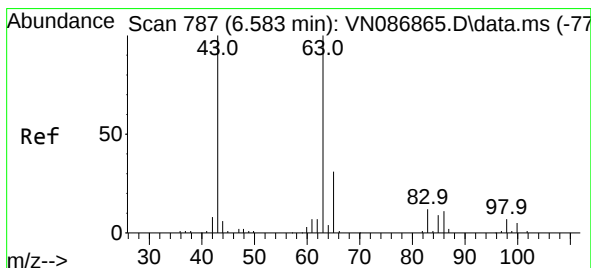
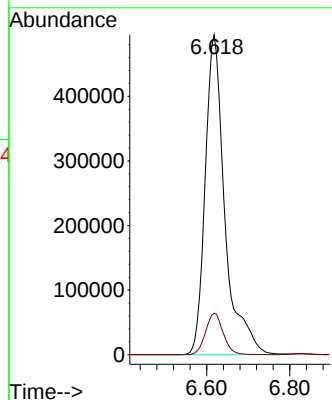
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



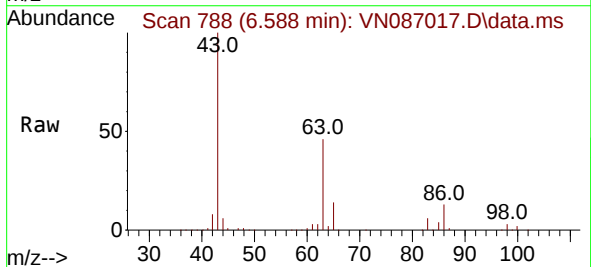
Tgt Ion: 43 Resp: 162950
 Ion Ratio Lower Upper
 43 100
 86 12.9 9.5 14.3

Manual Integrations
 APPROVED

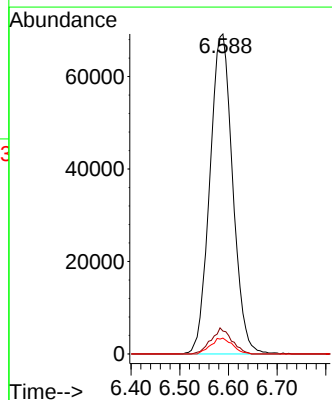
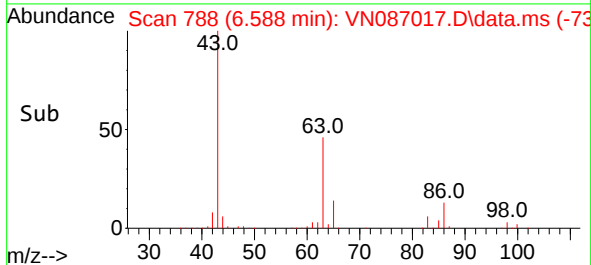
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#24
 1,1-Dichloroethane
 Concen: 52.987 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN087017.D
 Acq: 16 Jun 2025 09:48



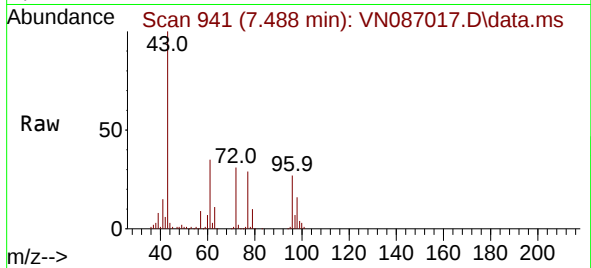
Tgt Ion: 63 Resp: 225464
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.9 2.6 7.8





#25
2-Butanone
Concen: 222.862 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

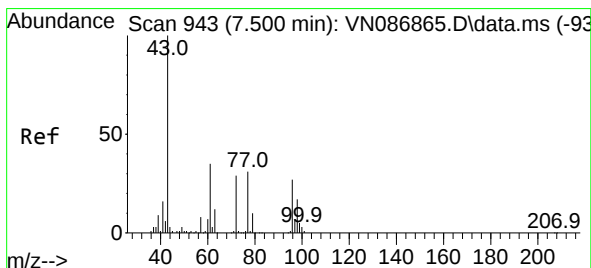
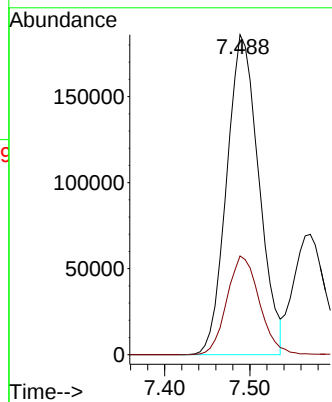
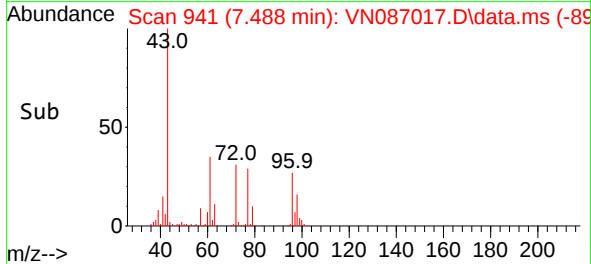
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



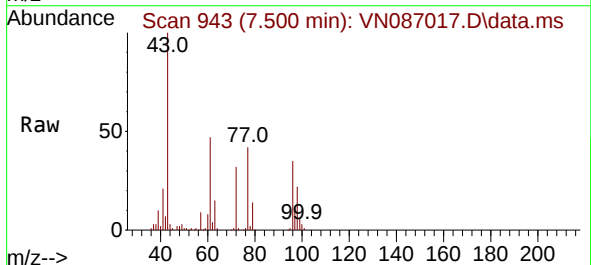
Tgt Ion: 43 Resp: 488768
Ion Ratio Lower Upper
43 100
72 30.9 23.0 34.6

Manual Integrations
APPROVED

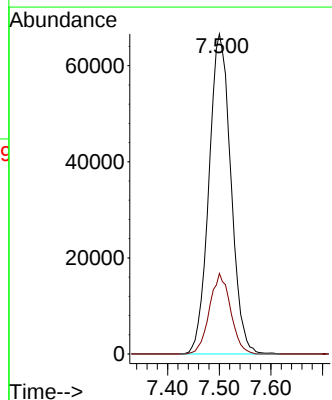
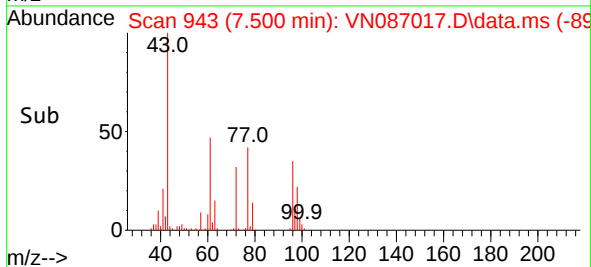
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#26
2,2-Dichloropropane
Concen: 59.253 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



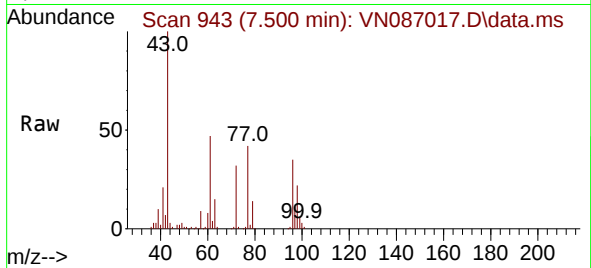
Tgt Ion: 77 Resp: 196122
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 53.778 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

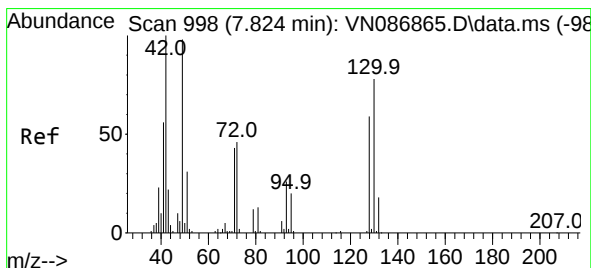
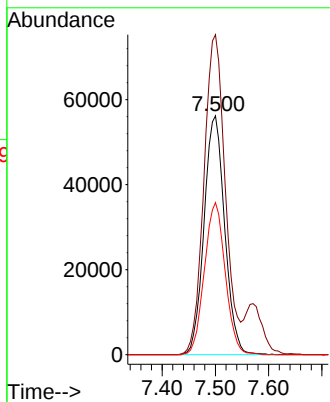
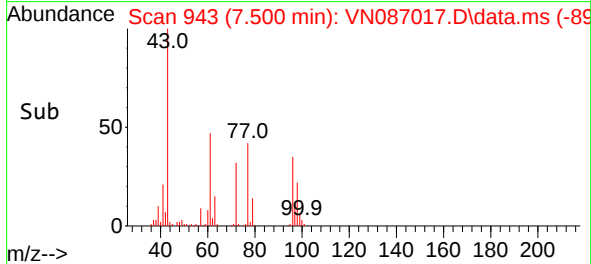
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 15134
Ion Ratio Lower Upper
96 100
61 137.9 0.0 278.0
98 64.3 0.0 128.2

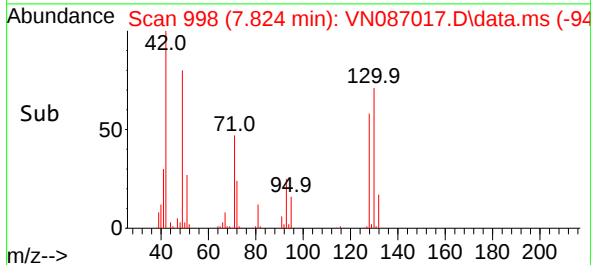
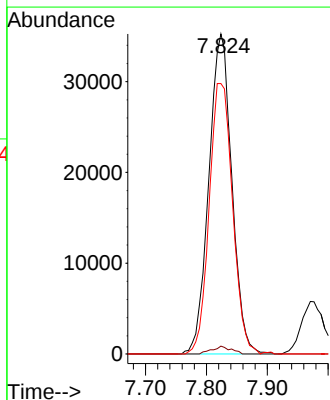
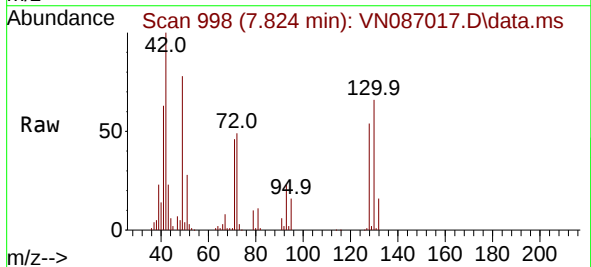
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#28
Bromochloromethane
Concen: 44.238 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion: 49 Resp: 92552
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 85.8 62.2 93.2





#29

Tetrahydrofuran

Concen: 227.820 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 32548

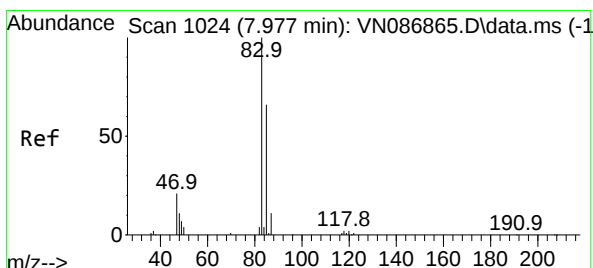
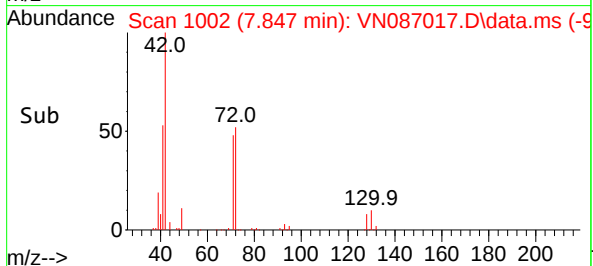
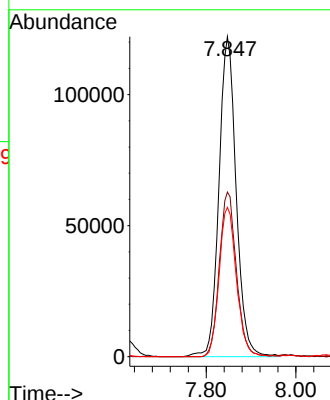
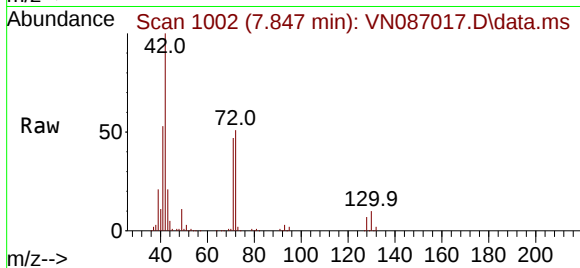
Ion	Ratio	Lower	Upper
42	100		
72	50.9	37.8	56.6
71	47.0	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#30

Chloroform

Concen: 51.780 ug/l

RT: 7.971 min Scan# 1023

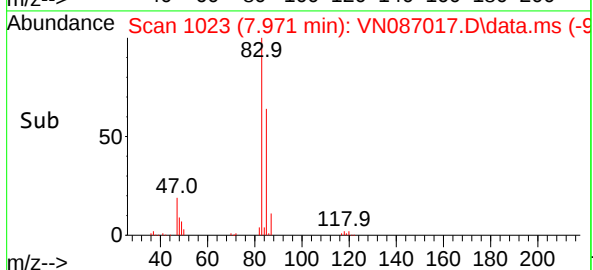
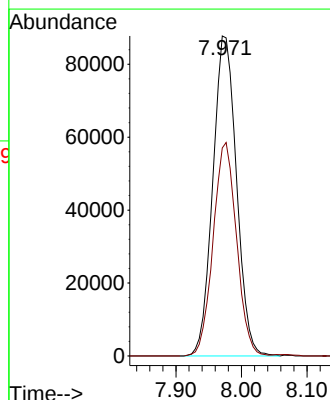
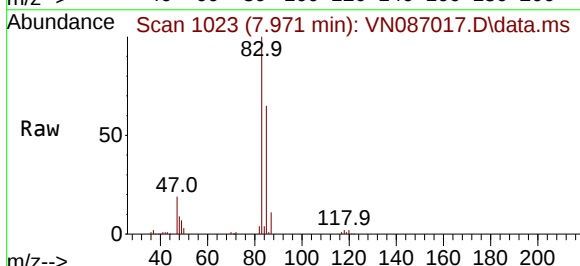
Delta R.T. -0.006 min

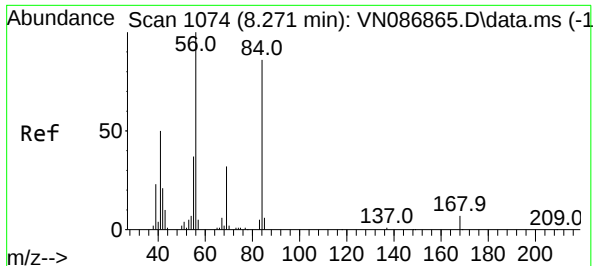
Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Tgt Ion: 83 Resp: 220029

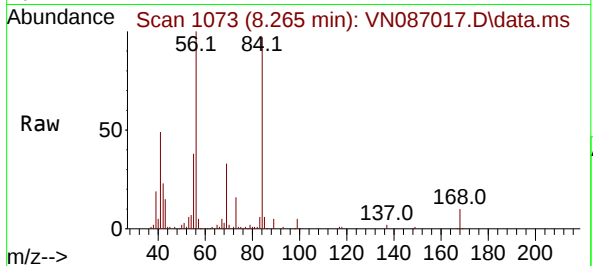
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.9	79.3





#31
Cyclohexane
Concen: 49.089 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

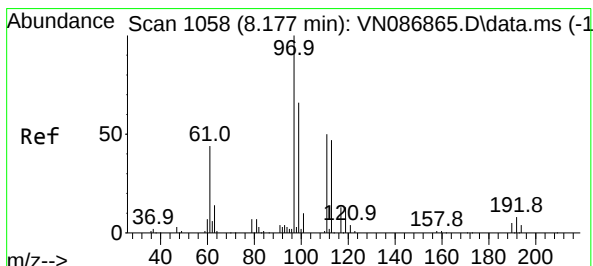
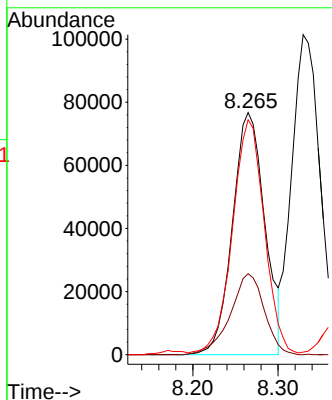
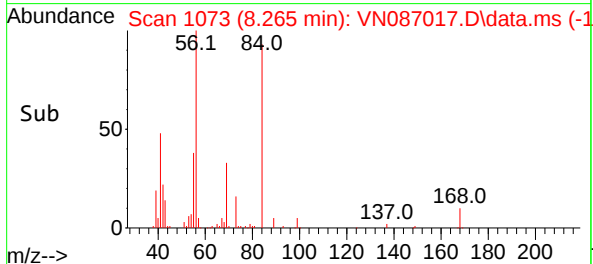
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



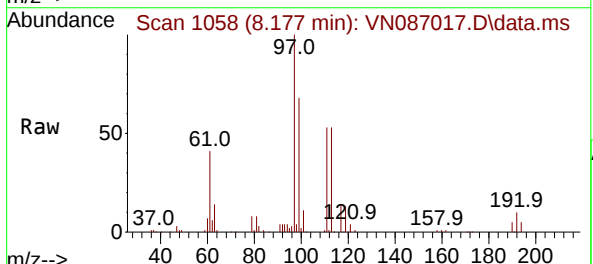
Tgt Ion: 56 Resp: 20256
Ion Ratio Lower Upper
56 100
69 33.4 25.4 38.0
84 95.7 68.8 103.2

Manual Integrations
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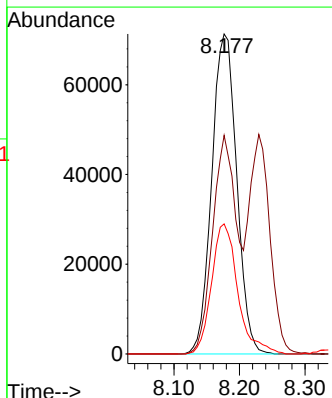
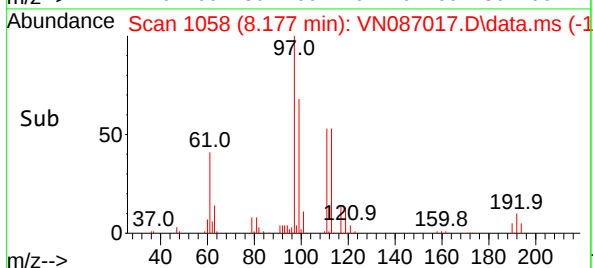
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

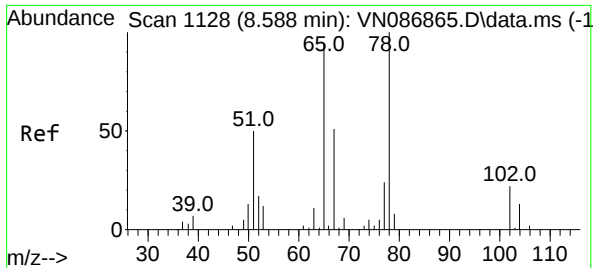


#32
1,1,1-Trichloroethane
Concen: 52.094 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



Tgt Ion: 97 Resp: 188278
Ion Ratio Lower Upper
97 100
99 66.6 52.0 78.0
61 42.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 41.800 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 106350

Ion Ratio Lower Upper

65 100

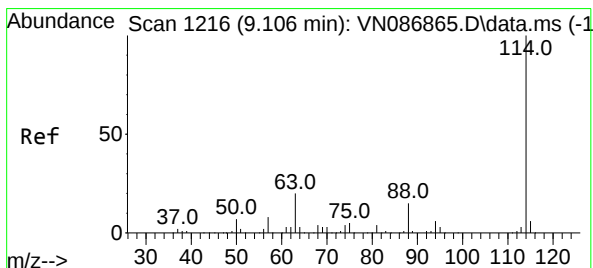
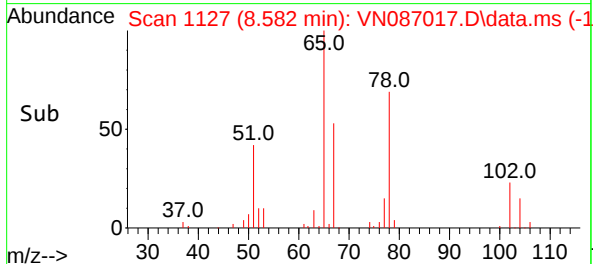
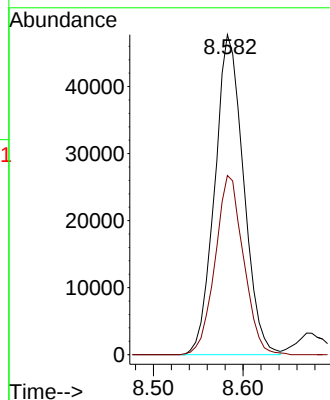
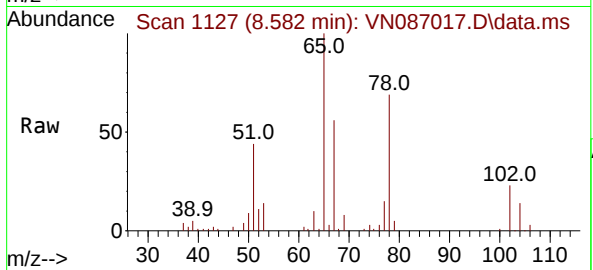
67 55.2 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

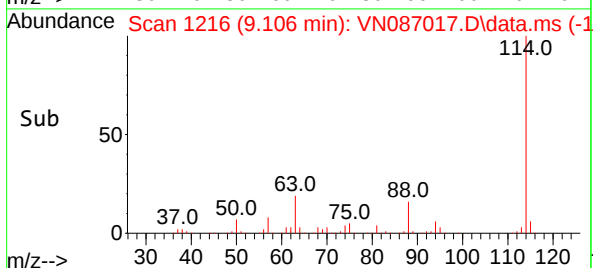
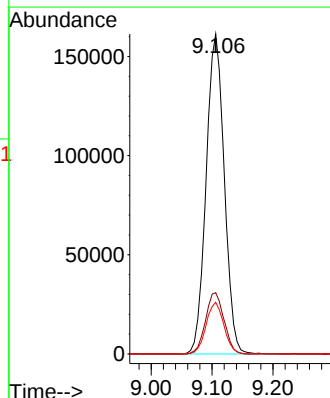
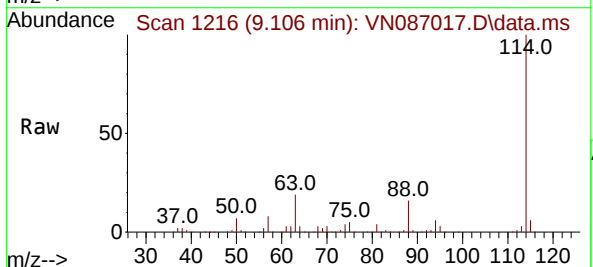
Tgt Ion:114 Resp: 334516

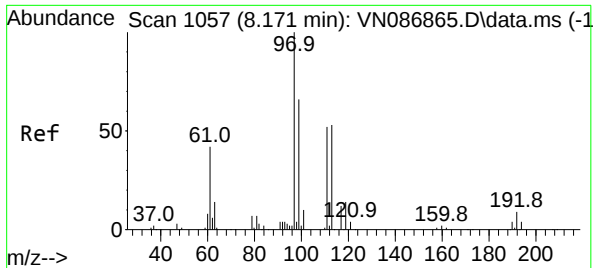
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

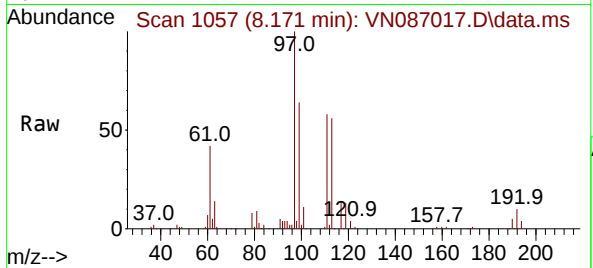
88 16.2 0.0 30.2





#35
Dibromofluoromethane
Concen: 47.611 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

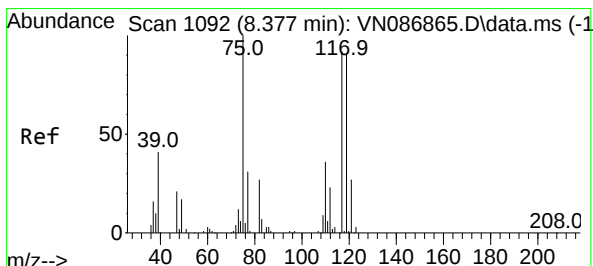
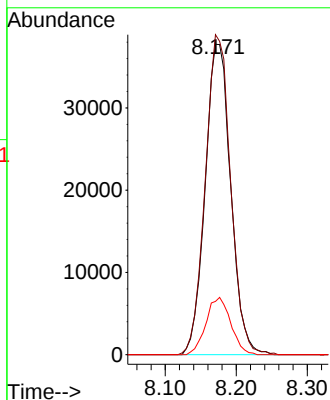
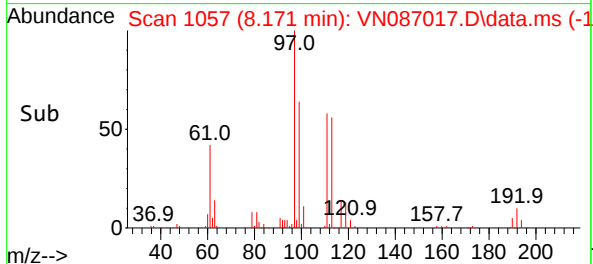
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



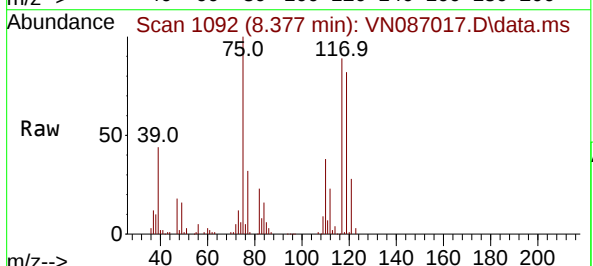
Tgt Ion:113 Resp: 94380
Ion Ratio Lower Upper
113 100
111 102.2 84.2 126.2
192 17.9 14.2 21.4

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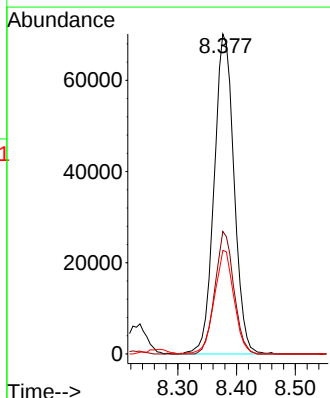
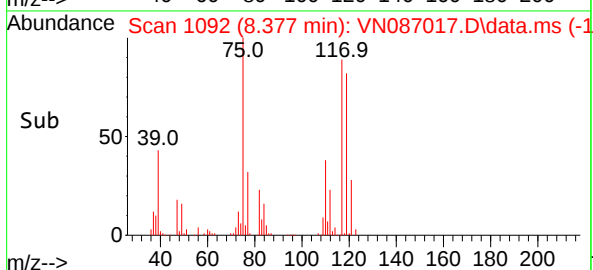
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#36
1,1-Dichloropropene
Concen: 55.864 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



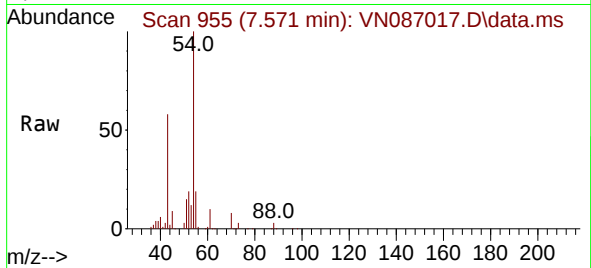
Tgt Ion: 75 Resp: 165024
Ion Ratio Lower Upper
75 100
110 36.3 17.6 52.9
77 31.9 25.3 37.9





#37
Ethyl Acetate
Concen: 50.420 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

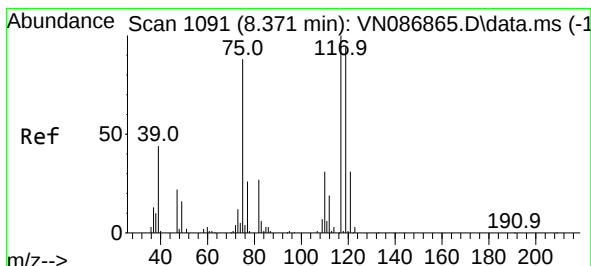
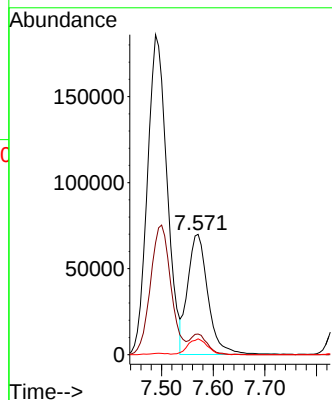
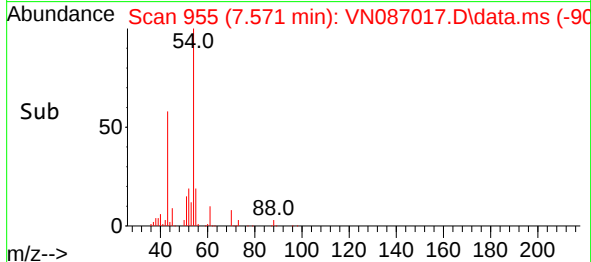
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 18960
Ion Ratio Lower Upper
43 100
61 15.0 12.1 18.1
70 12.9 9.8 14.6

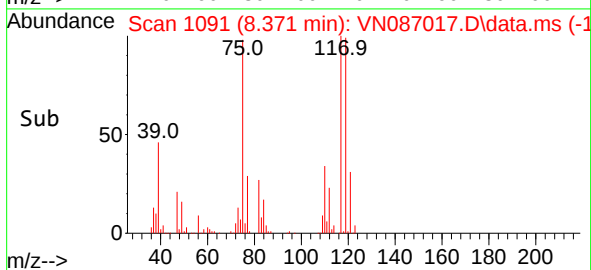
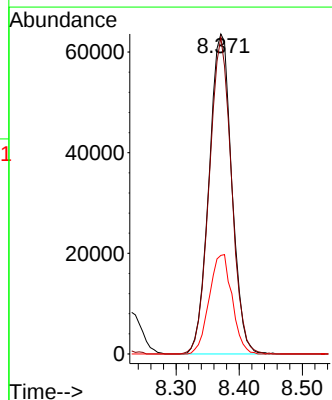
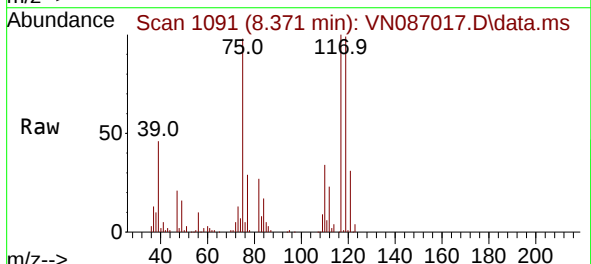
Manual Integrations
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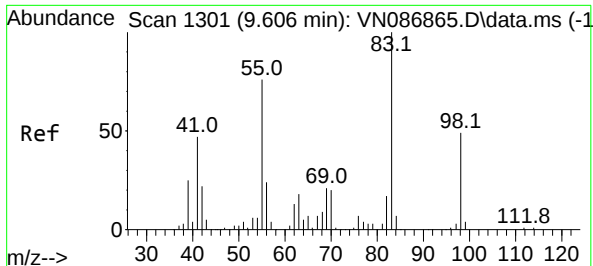
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#38
Carbon Tetrachloride
Concen: 54.922 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion:117 Resp: 159282
Ion Ratio Lower Upper
117 100
119 98.9 75.0 112.6
121 30.8 24.9 37.3





#39

Methylcyclohexane

Concen: 51.084 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 20674

Ion Ratio Lower Upper

83 100

55 72.8 61.0 91.6

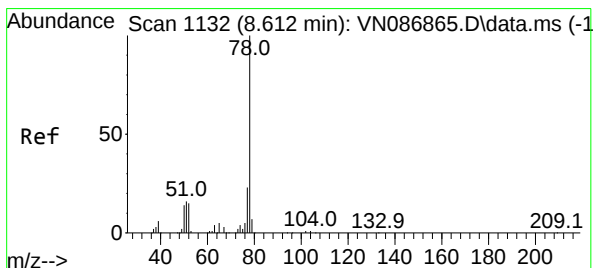
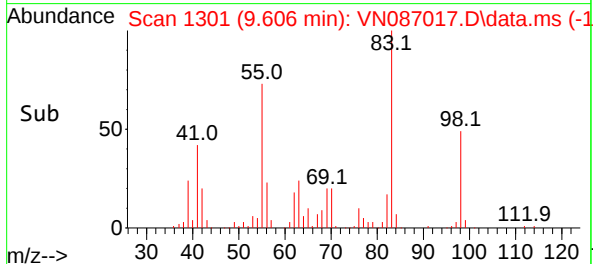
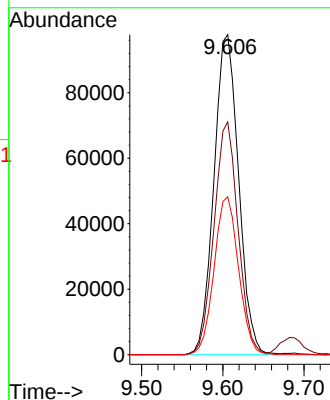
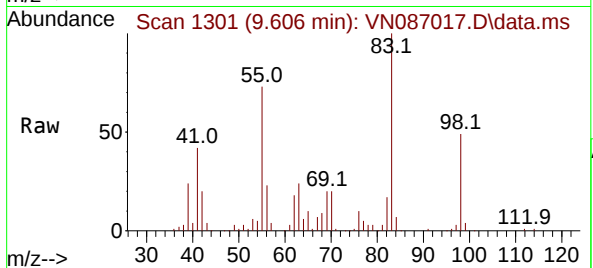
98 49.3 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#40

Benzene

Concen: 54.963 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087017.D

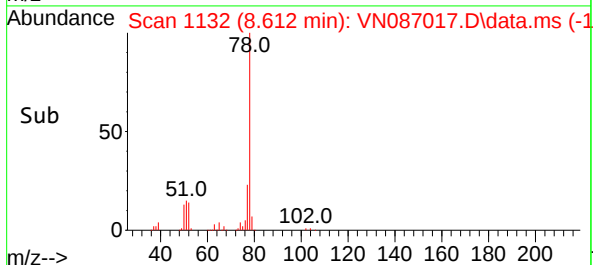
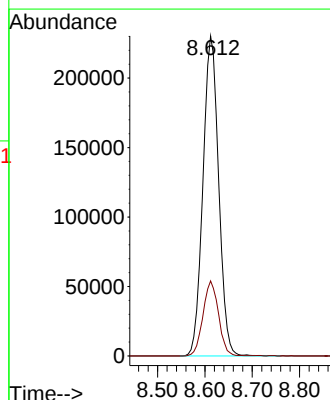
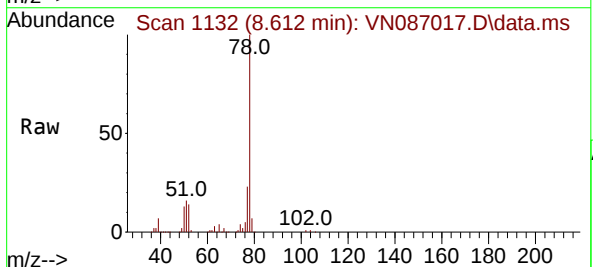
Acq: 16 Jun 2025 09:48

Tgt Ion: 78 Resp: 530925

Ion Ratio Lower Upper

78 100

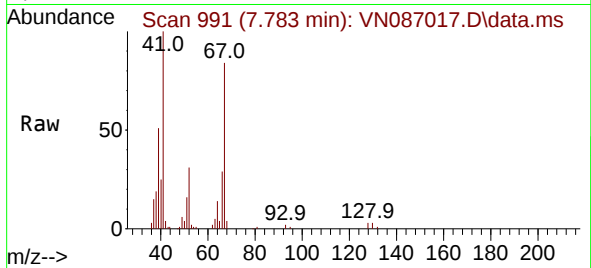
77 23.5 18.7 28.1





#41
Methacrylonitrile
Concen: 47.141 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

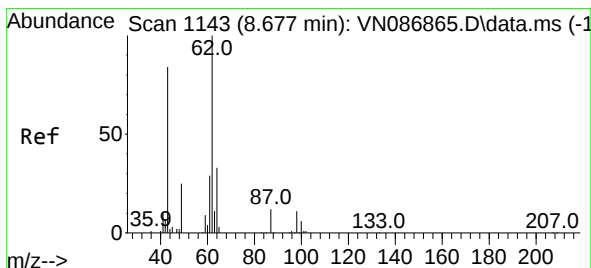
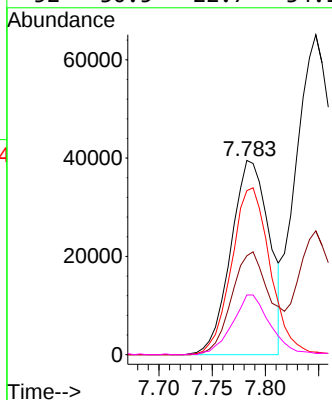
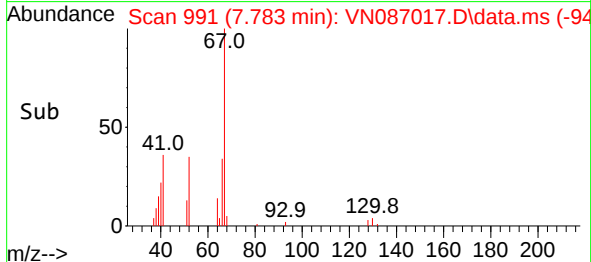
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 99550
Ion Ratio Lower Upper
41 100
39 54.0 41.2 61.8
67 86.6 61.4 92.2
52 30.5 22.7 34.1

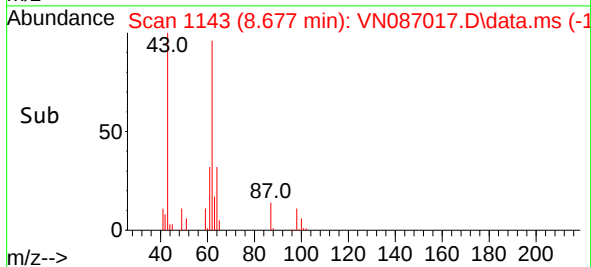
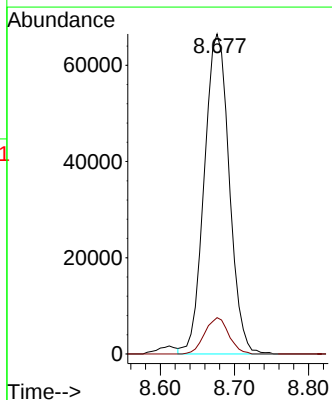
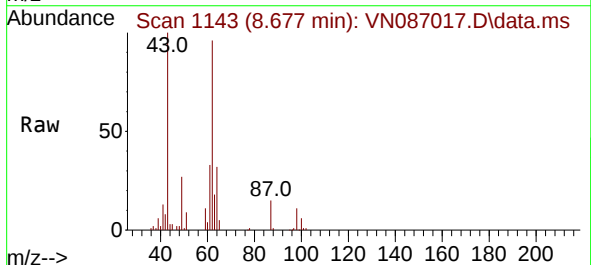
Manual Integrations
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Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#42
1,2-Dichloroethane
Concen: 53.167 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

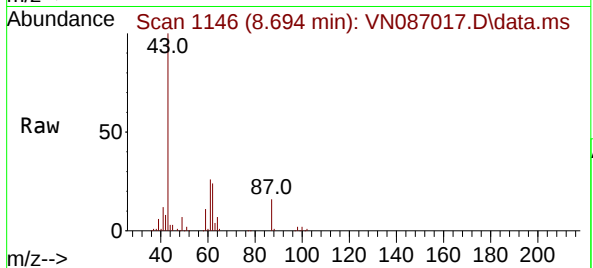
Tgt Ion: 62 Resp: 155773
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.2





#43
Isopropyl Acetate
Concen: 48.678 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

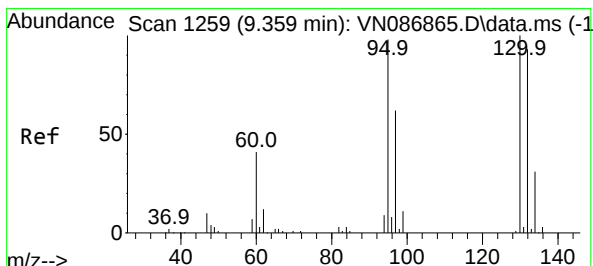
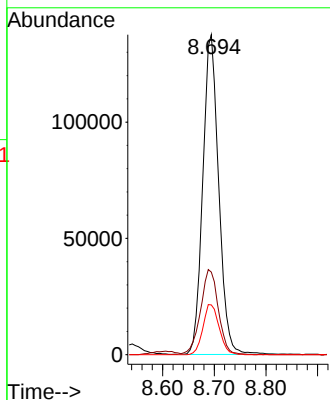
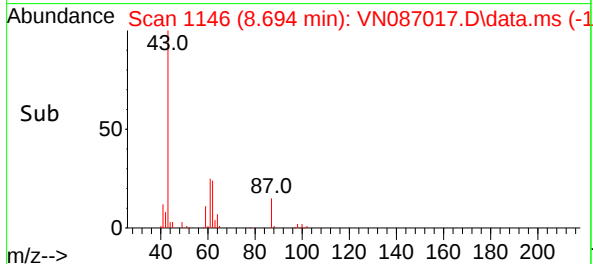
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



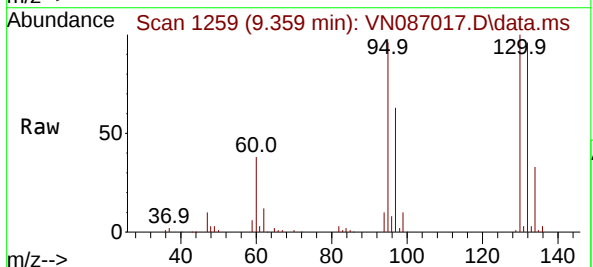
Tgt Ion: 43 Resp: 29380
Ion Ratio Lower Upper
43 100
61 29.8 22.1 33.1
87 16.0 11.8 17.6

Manual Integrations
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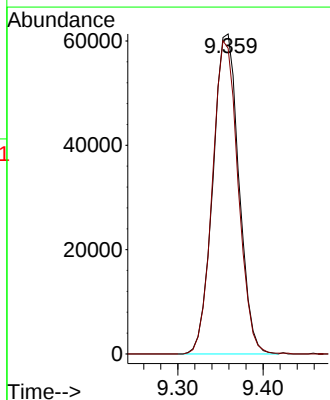
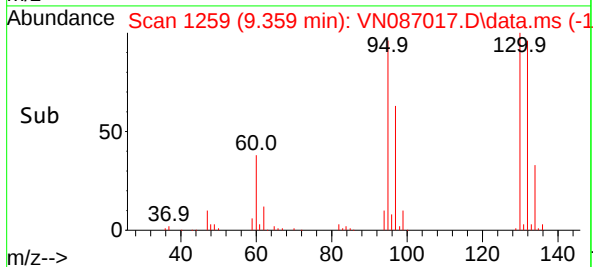
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

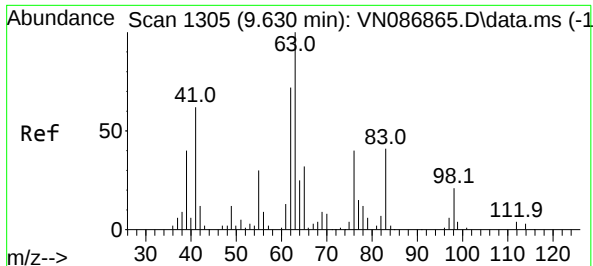


#44
Trichloroethene
Concen: 56.617 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



Tgt Ion:130 Resp: 129680
Ion Ratio Lower Upper
130 100
95 95.5 0.0 196.2





#45

1,2-Dichloropropane

Concen: 54.368 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12776

Ion Ratio Lower Upper

63 100

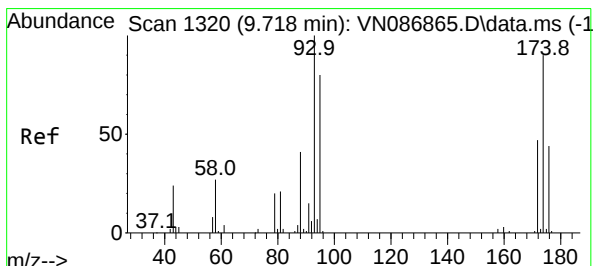
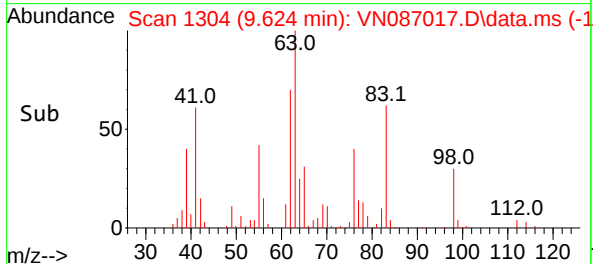
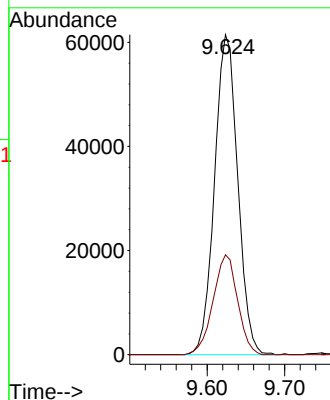
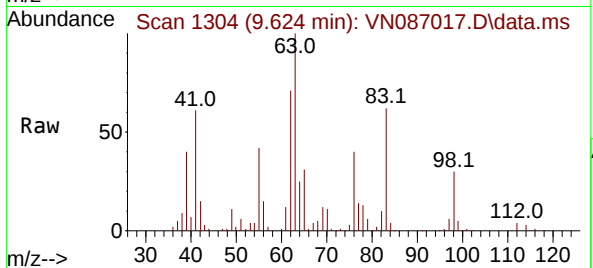
65 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#46

Dibromomethane

Concen: 56.032 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

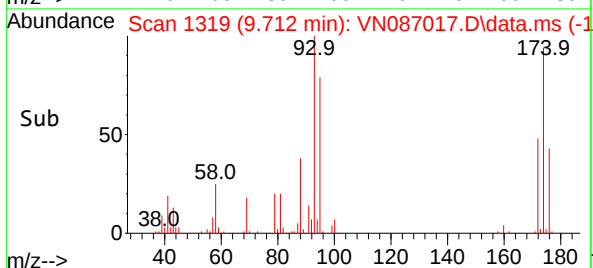
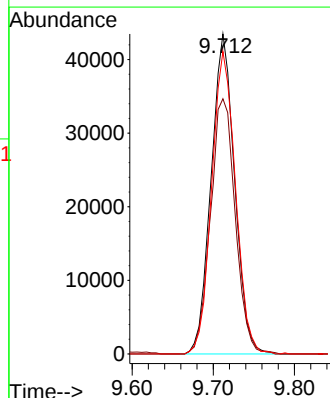
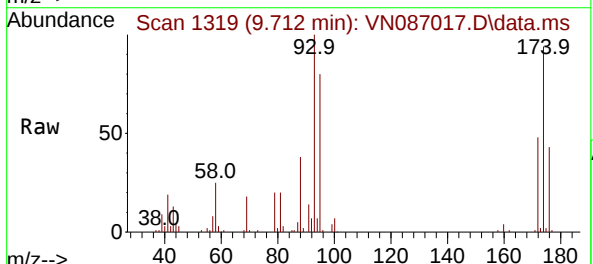
Tgt Ion: 93 Resp: 87464

Ion Ratio Lower Upper

93 100

95 84.1 67.1 100.7

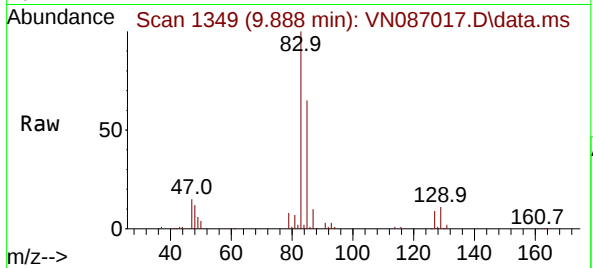
174 95.6 74.2 111.4





#47
Bromodichloromethane
Concen: 54.216 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

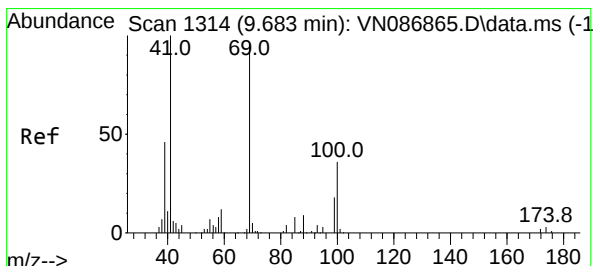
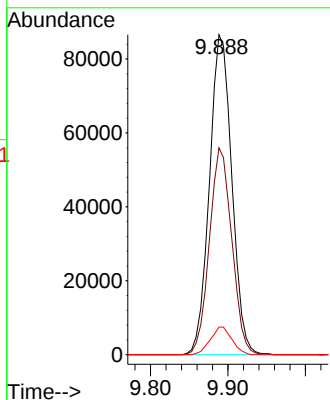
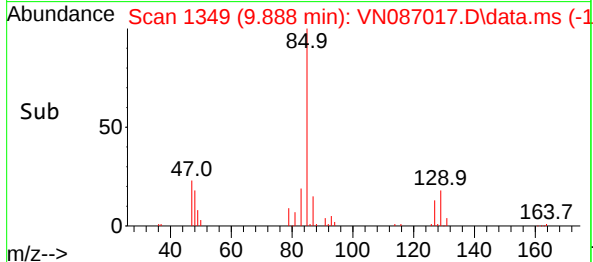
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



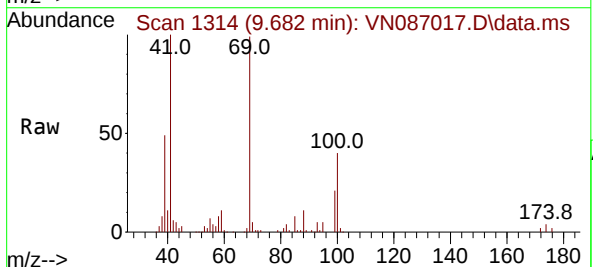
Tgt Ion: 83 Resp: 17412
Ion Ratio Lower Upper
83 100
85 64.6 50.9 76.3
127 8.6 6.6 10.0

Manual Integrations
APPROVED

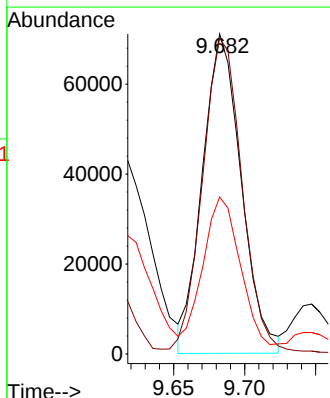
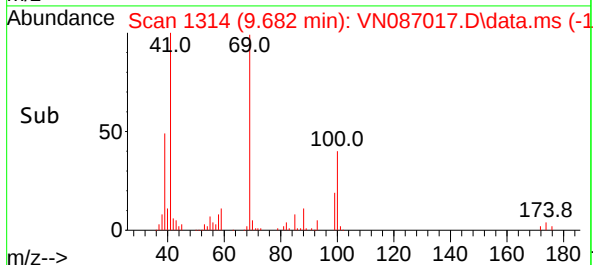
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

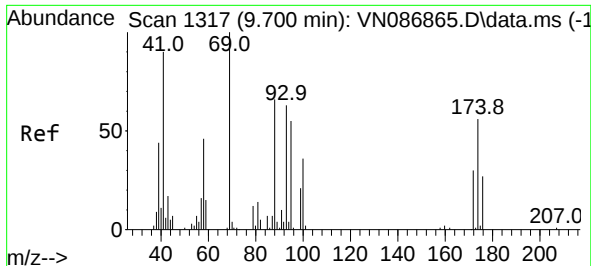


#48
Methyl methacrylate
Concen: 48.604 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



Tgt Ion: 41 Resp: 135021
Ion Ratio Lower Upper
41 100
69 101.5 74.6 112.0
39 49.7 40.2 60.4





#49

1,4-Dioxane

Concen: 1007.894 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

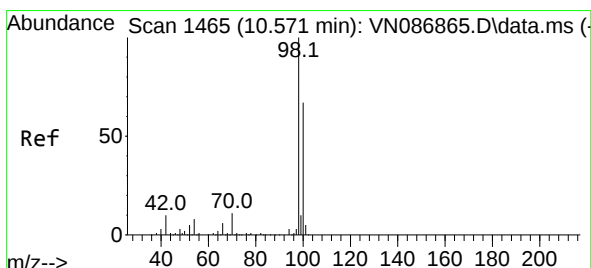
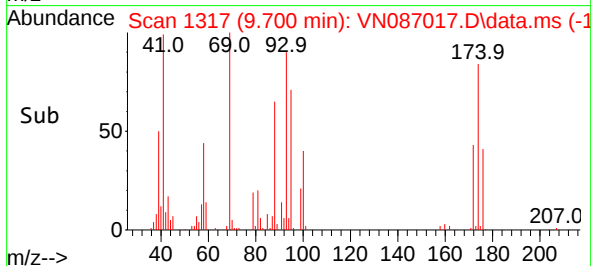
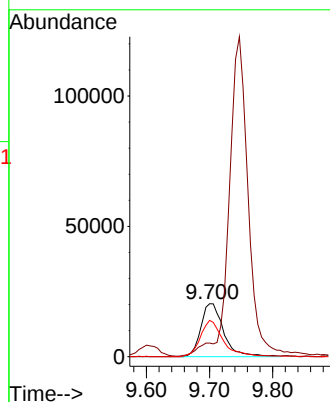
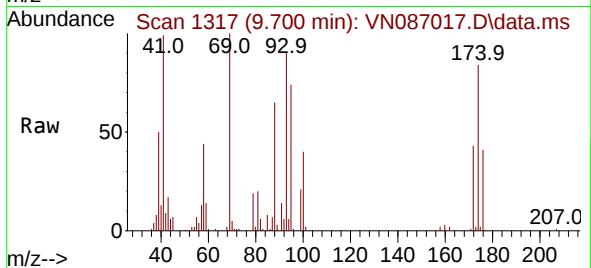
Tgt Ion: 88 Resp: 50930
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 69.2 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#50

Toluene-d8

Concen: 44.807 ug/l

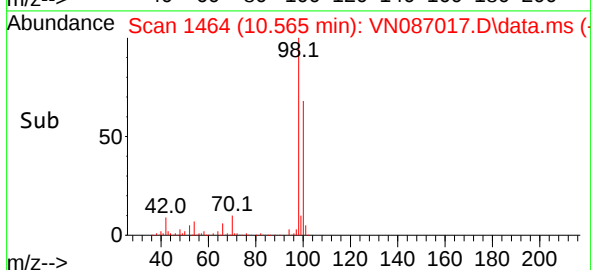
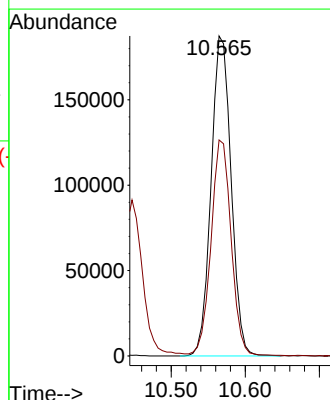
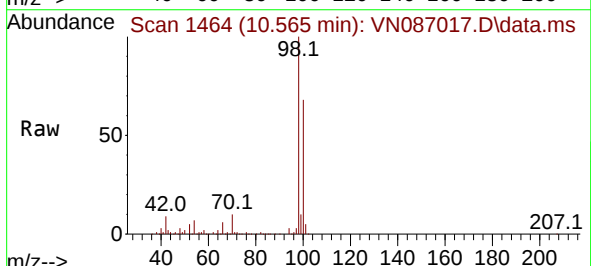
RT: 10.565 min Scan# 1464

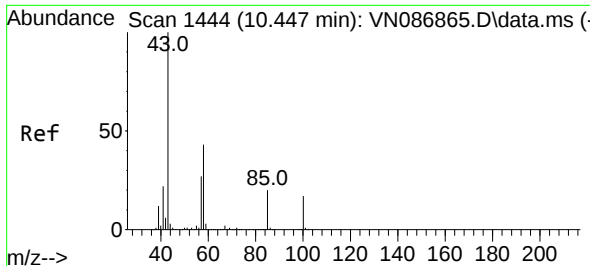
Delta R.T. -0.006 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

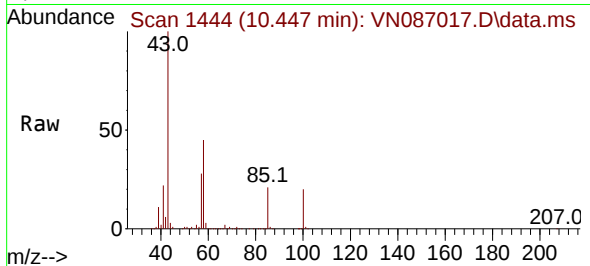
Tgt Ion: 98 Resp: 351638
 Ion Ratio Lower Upper
 98 100
 100 67.7 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 246.622 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

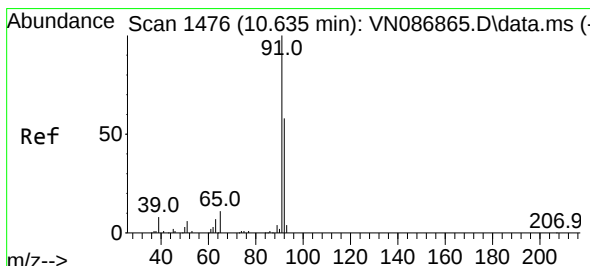
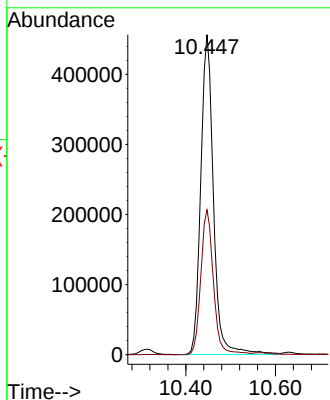
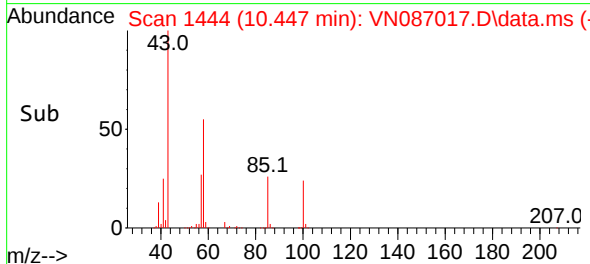
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



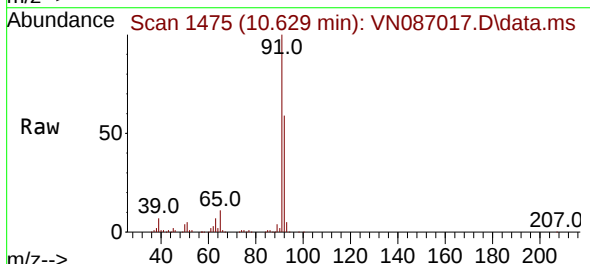
Tgt Ion: 43 Resp: 896090
Ion Ratio Lower Upper
43 100
58 45.0 34.2 51.4

Manual Integrations
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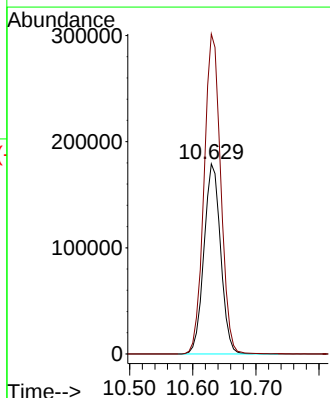
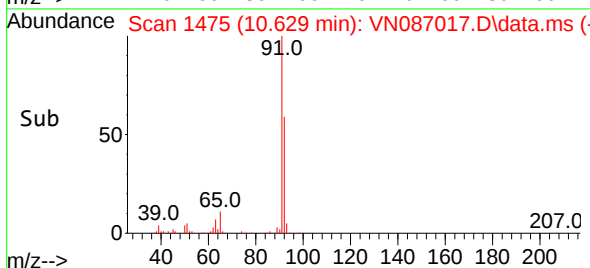
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

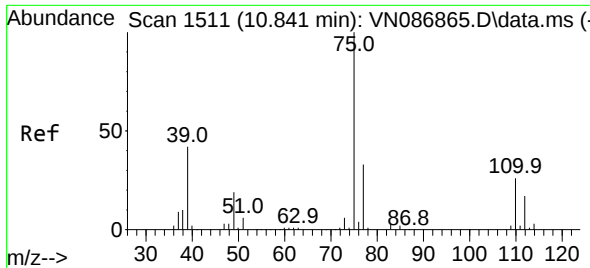


#52
Toluene
Concen: 55.522 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



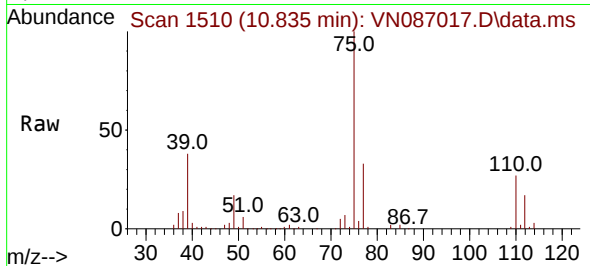
Tgt Ion: 92 Resp: 327761
Ion Ratio Lower Upper
92 100
91 168.6 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 55.760 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

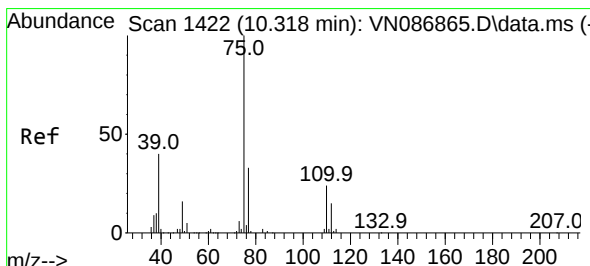
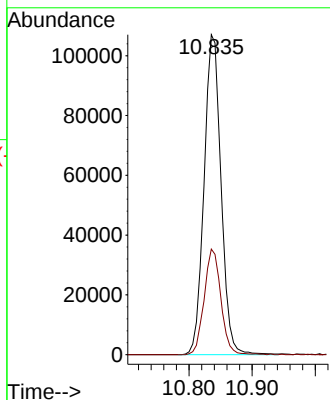
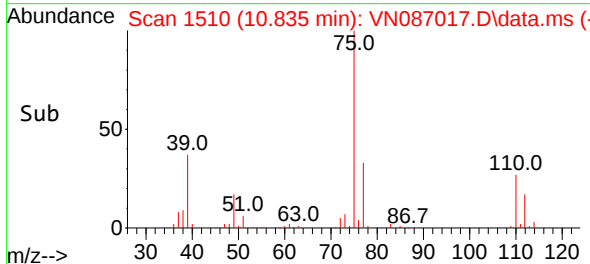
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 200248
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6

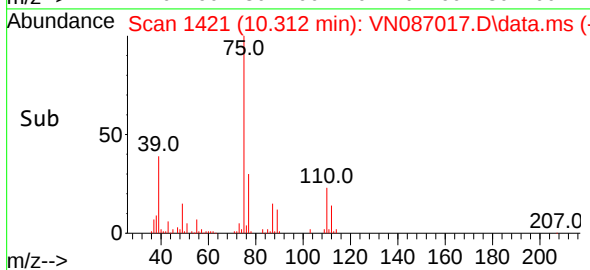
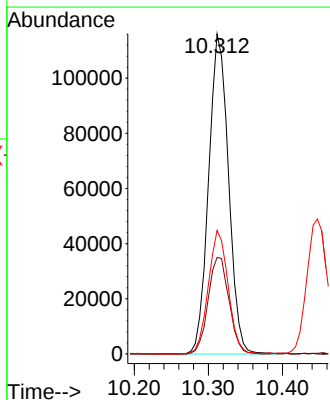
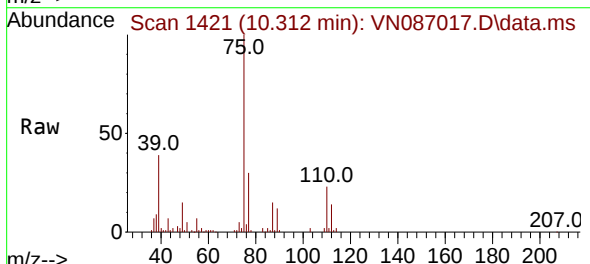
Manual Integrations
APPROVED

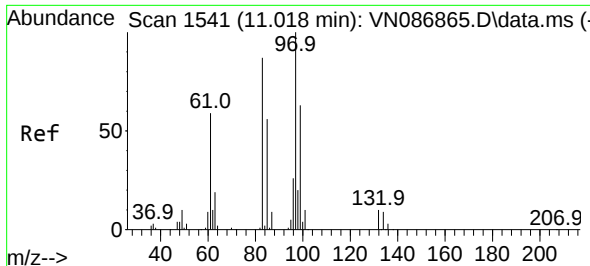
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#54
cis-1,3-Dichloropropene
Concen: 56.274 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

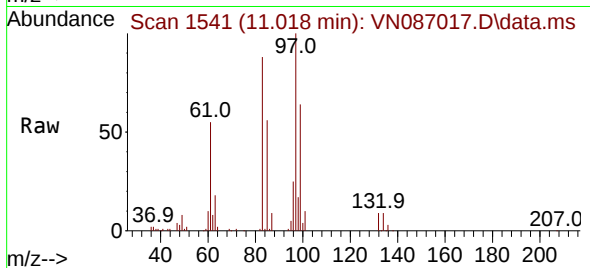
Tgt Ion: 75 Resp: 216234
Ion Ratio Lower Upper
75 100
77 30.1 26.2 39.4
39 38.6 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 53.580 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

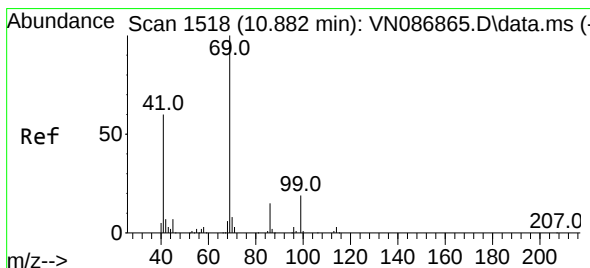
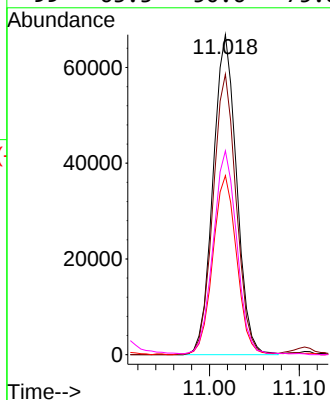
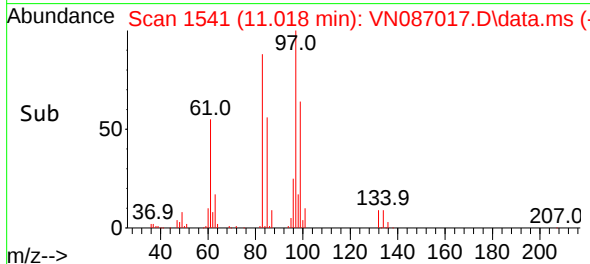
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



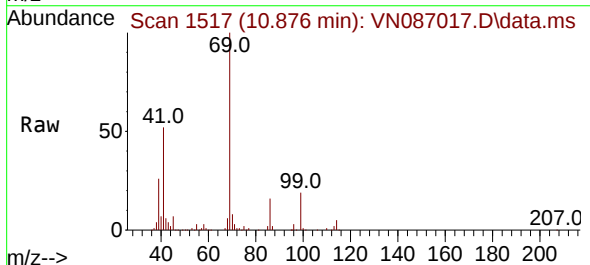
Tgt Ion: 97 Resp: 121700
Ion Ratio Lower Upper
97 100
83 87.7 69.7 104.5
85 55.7 45.1 67.7
99 63.3 50.6 75.8

Manual Integrations
APPROVED

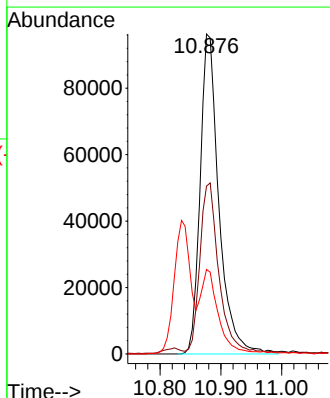
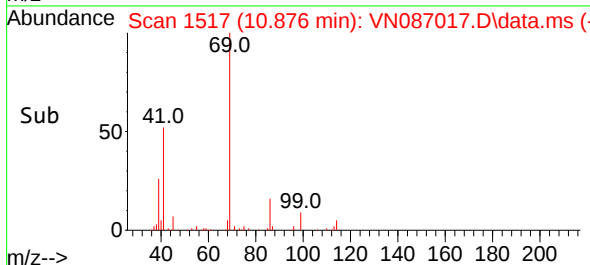
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

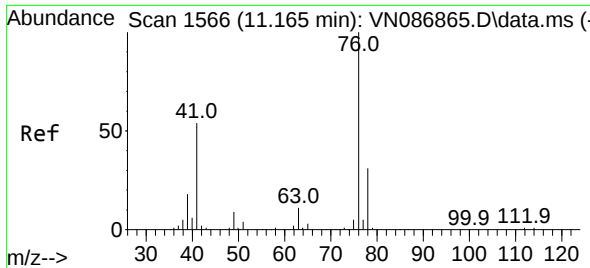


#56
Ethyl methacrylate
Concen: 57.111 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



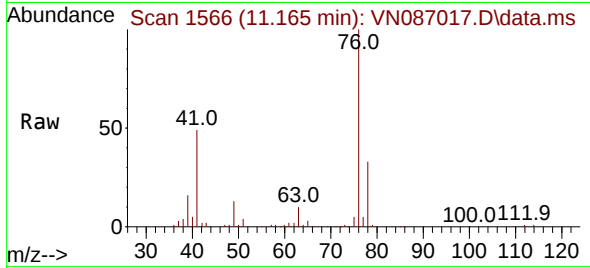
Tgt Ion: 69 Resp: 206624
Ion Ratio Lower Upper
69 100
41 54.2 47.2 70.8
39 24.8 23.0 34.6





#57
1,3-Dichloropropane
Concen: 53.917 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

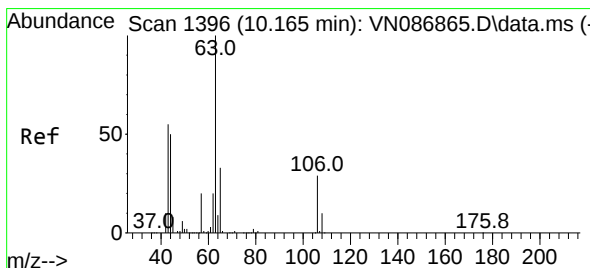
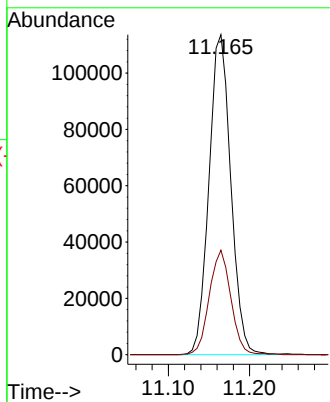
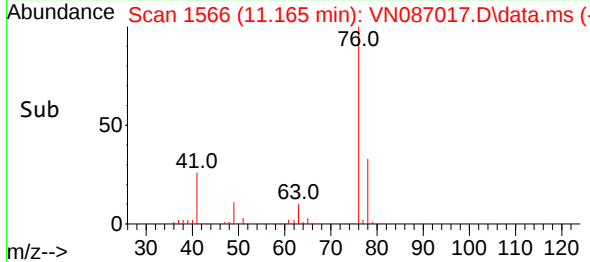
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 21245
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

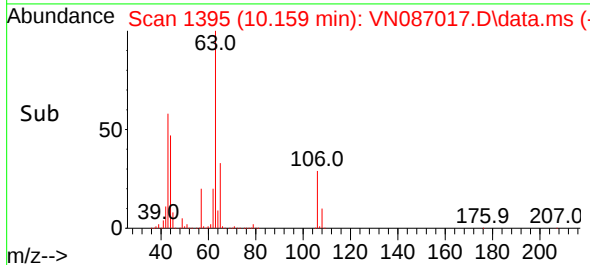
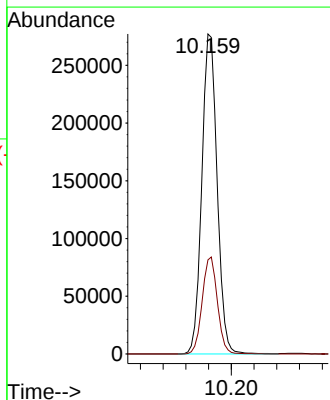
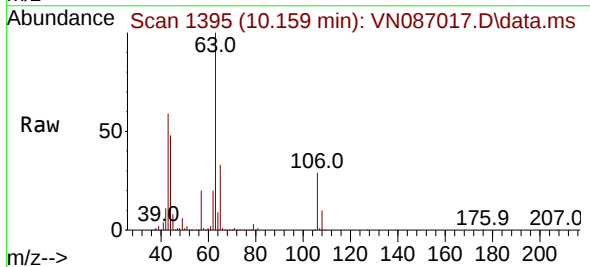
Manual Integrations
APPROVED

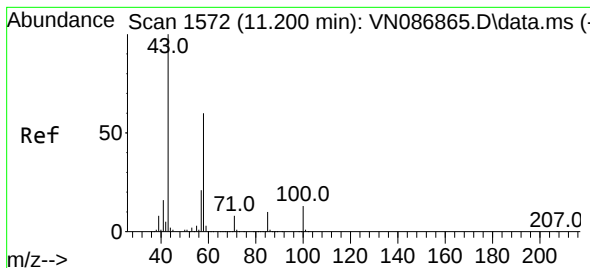
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#58
2-Chloroethyl Vinyl ether
Concen: 239.879 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

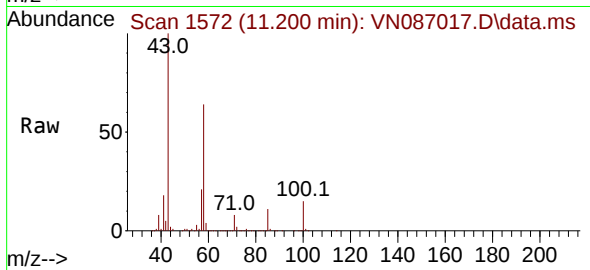
Tgt Ion: 63 Resp: 517636
Ion Ratio Lower Upper
63 100
106 30.0 23.0 34.6





#59
2-Hexanone
Concen: 257.529 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

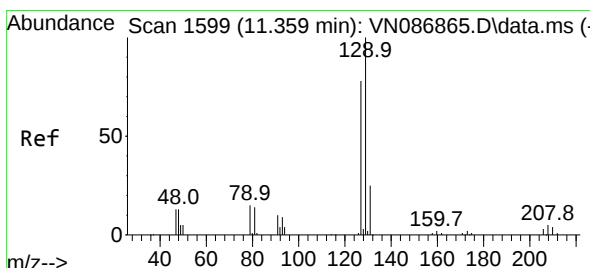
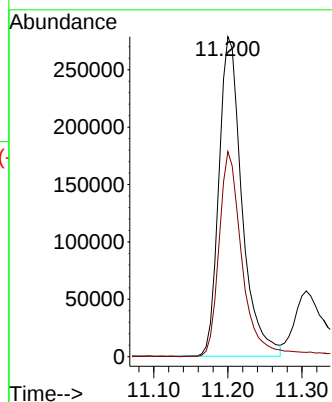
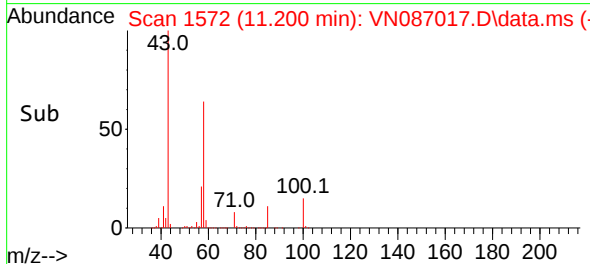
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 602730
Ion Ratio Lower Upper
43 100
58 65.7 30.4 91.3

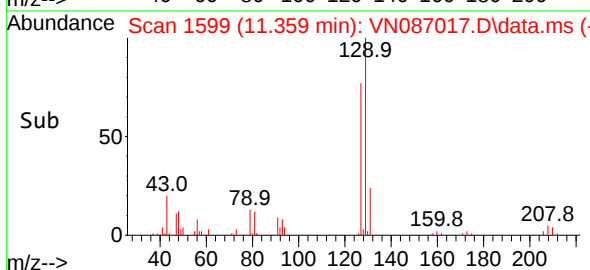
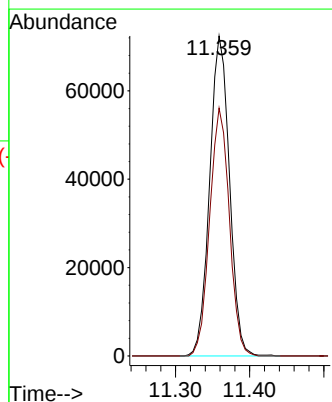
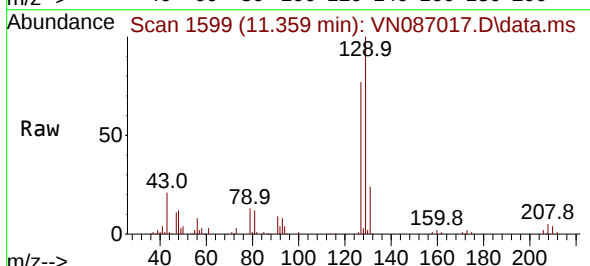
Manual Integrations
APPROVED

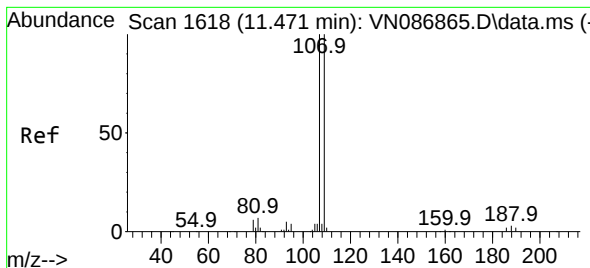
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#60
Dibromochloromethane
Concen: 56.799 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

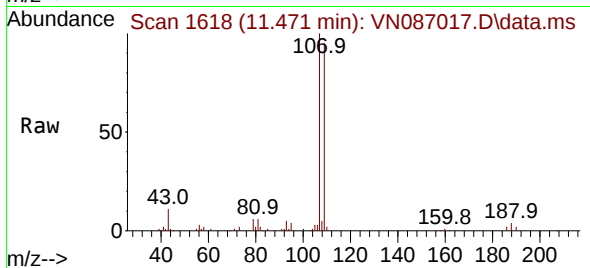
Tgt Ion:129 Resp: 134421
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 55.151 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

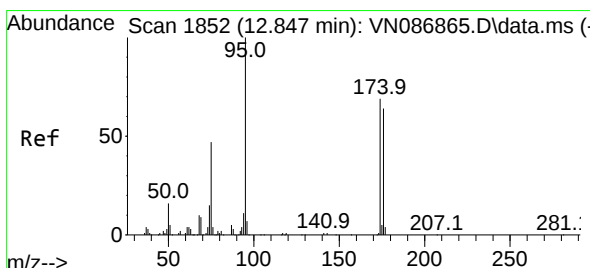
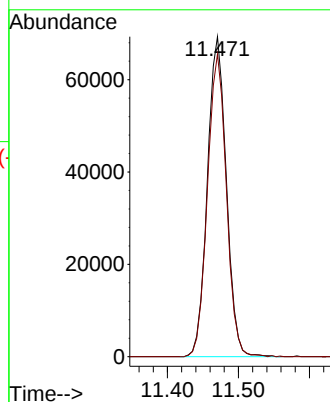
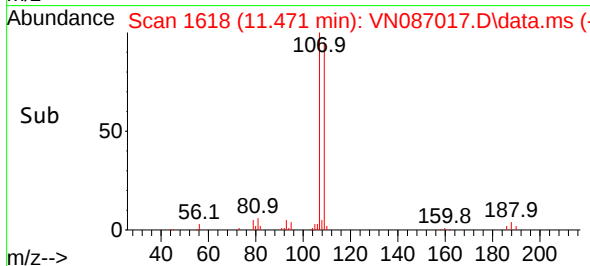
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



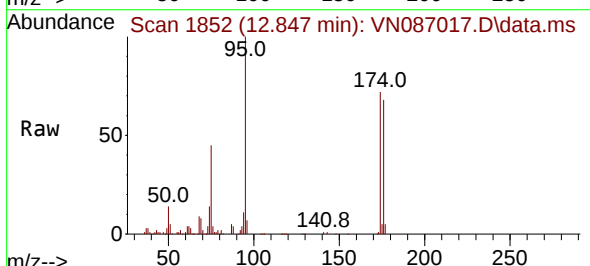
Tgt Ion:107 Resp: 128404
Ion Ratio Lower Upper
107 100
109 94.4 76.3 114.5

Manual Integrations
APPROVED

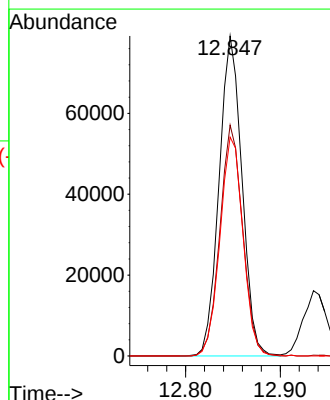
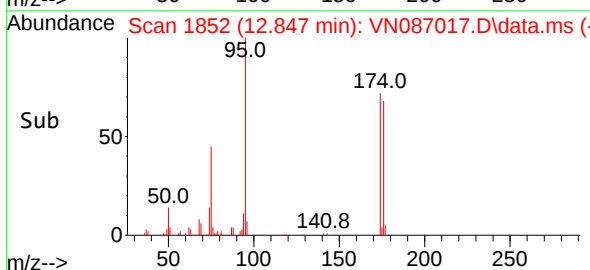
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

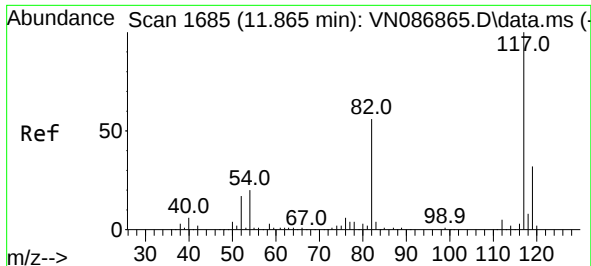


#62
4-Bromofluorobenzene
Concen: 45.518 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



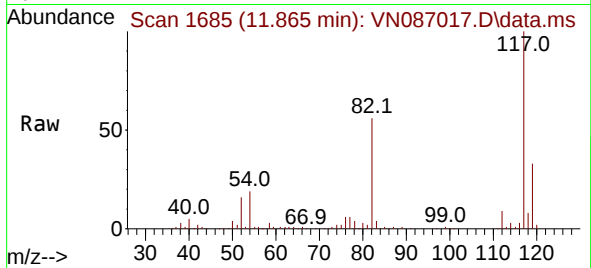
Tgt Ion: 95 Resp: 132718
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.8
176 69.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

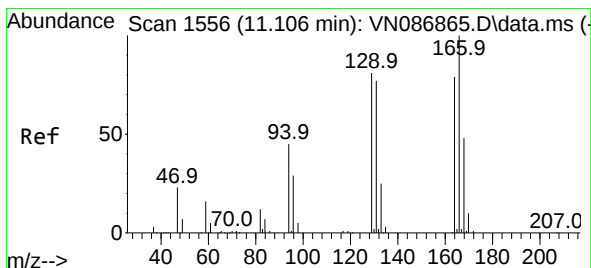
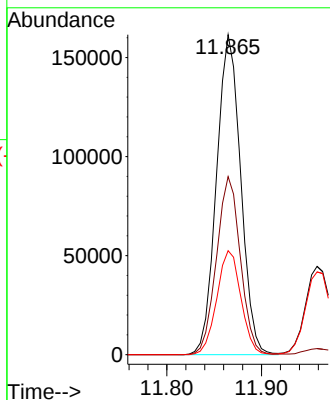
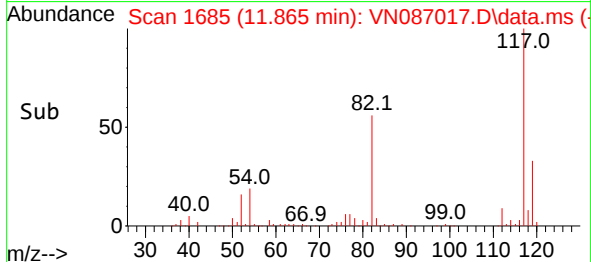
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 28711
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 32.5 25.5 38.3

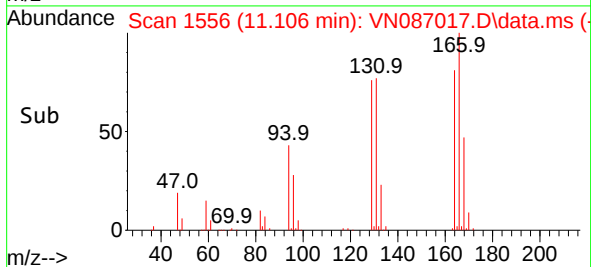
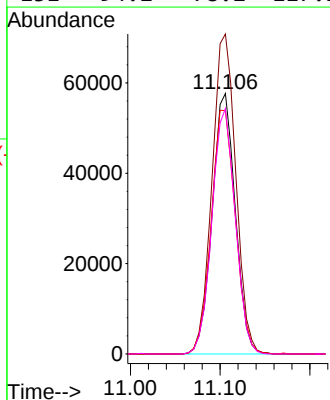
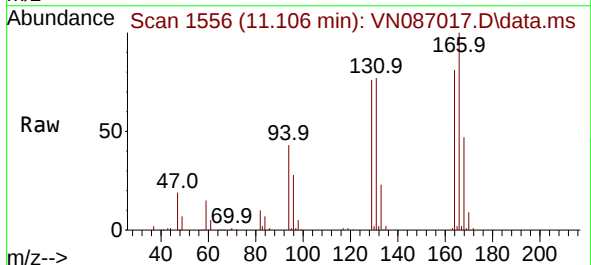
Manual Integrations
APPROVED

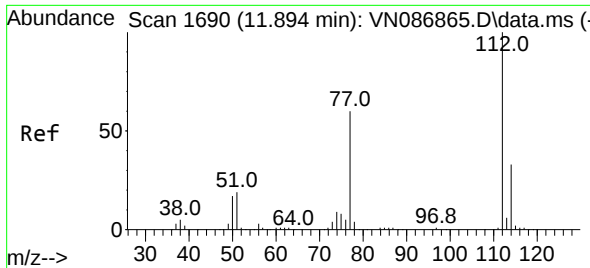
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#64
Tetrachloroethene
Concen: 56.816 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion:164 Resp: 103237
Ion Ratio Lower Upper
164 100
166 122.8 101.8 152.8
129 93.4 83.0 124.4
131 94.2 78.2 117.2





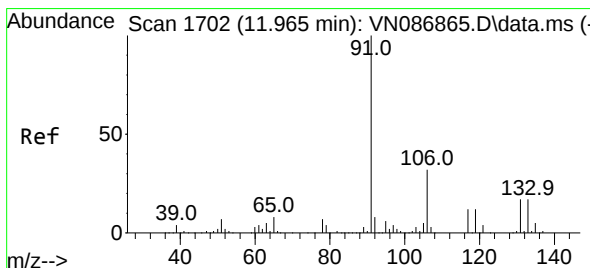
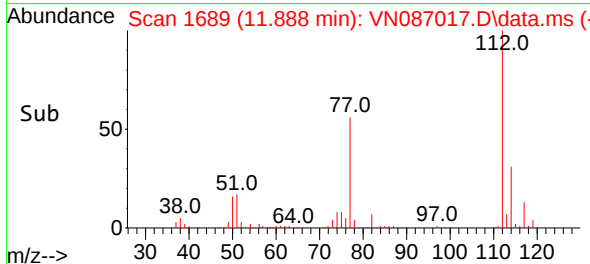
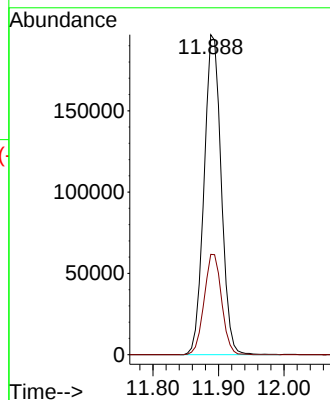
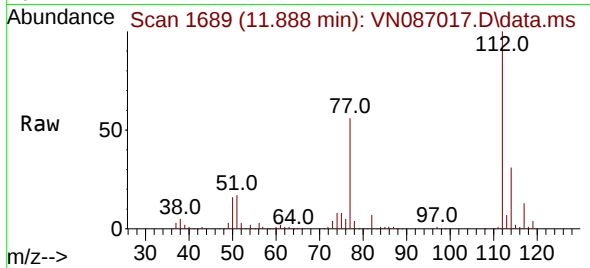
#65
Chlorobenzene
Concen: 56.520 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 35790
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2

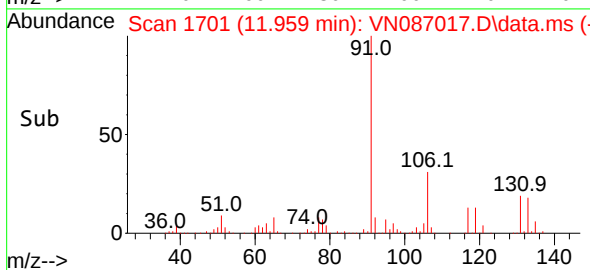
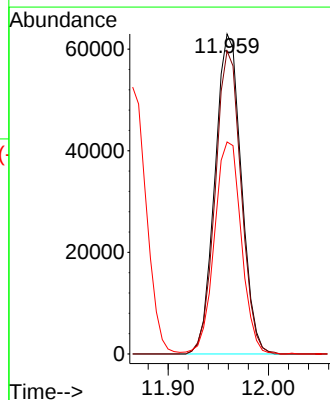
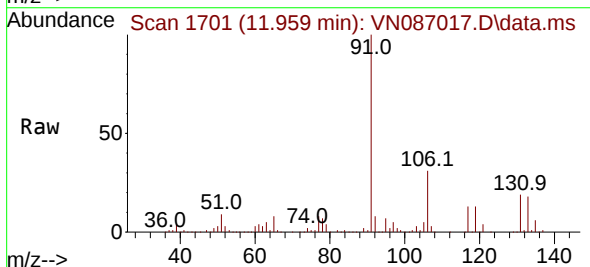
Manual Integrations
APPROVED

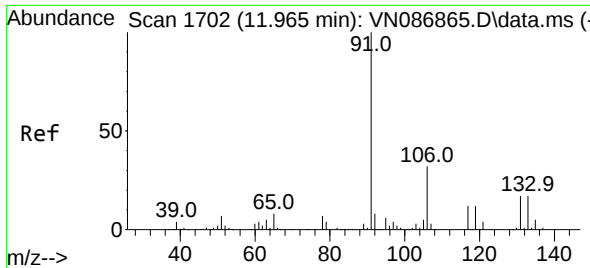
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.395 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion:131 Resp: 114793
Ion Ratio Lower Upper
131 100
133 93.2 48.3 144.8
119 67.7 34.0 101.8





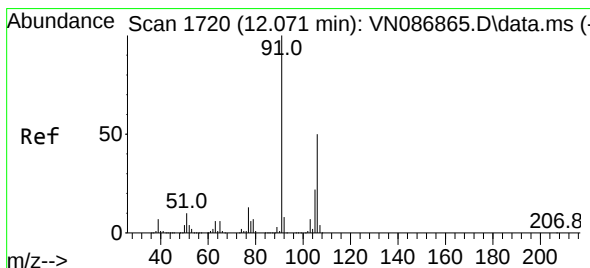
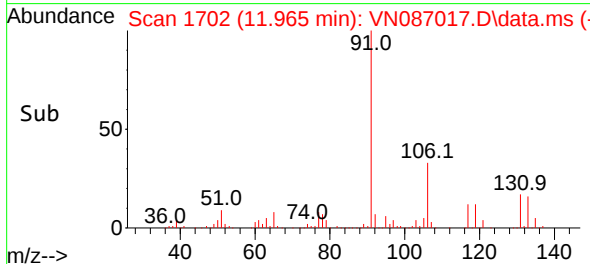
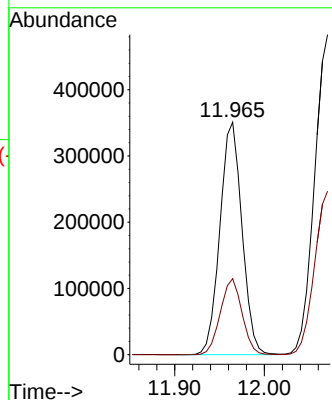
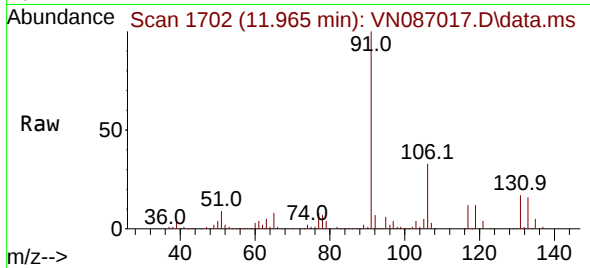
#67
Ethyl Benzene
Concen: 54.891 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 598718
Ion Ratio Lower Upper
91 100
106 32.7 25.4 38.2

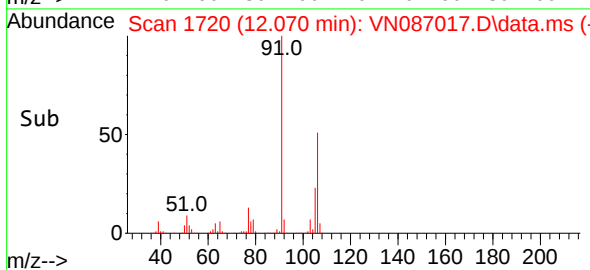
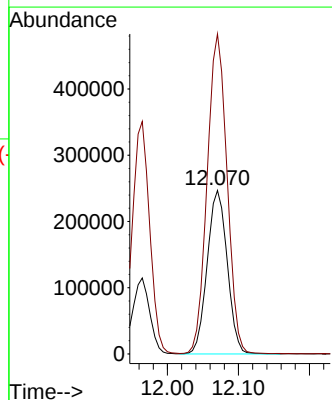
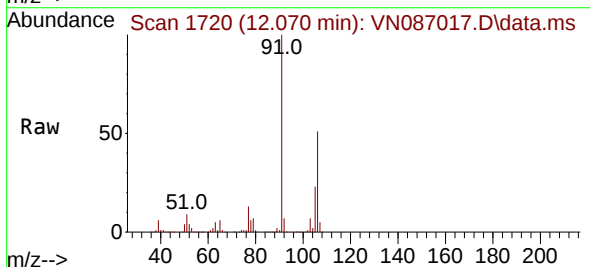
Manual Integrations
APPROVED

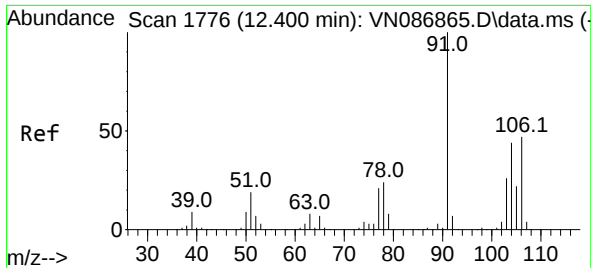
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#68
m/p-Xylenes
Concen: 115.865 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion:106 Resp: 483774
Ion Ratio Lower Upper
106 100
91 193.6 159.4 239.0





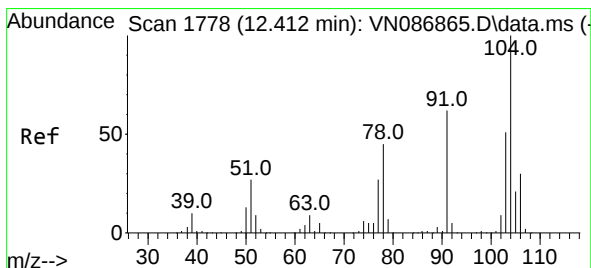
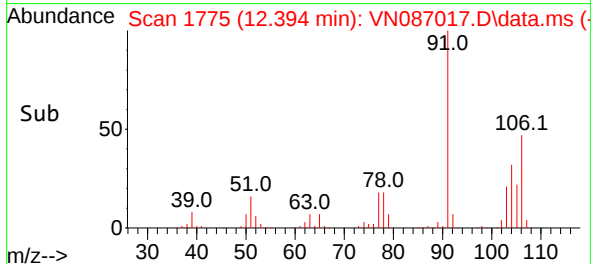
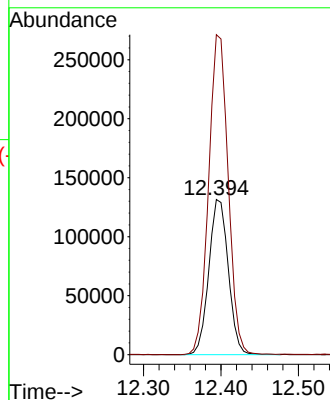
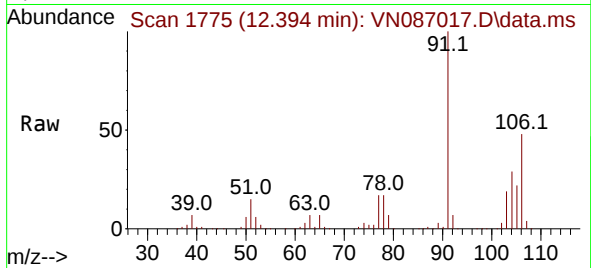
#69
o-Xylene
Concen: 57.505 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 229950
Ion Ratio Lower Upper
106 100
91 206.4 106.1 318.1

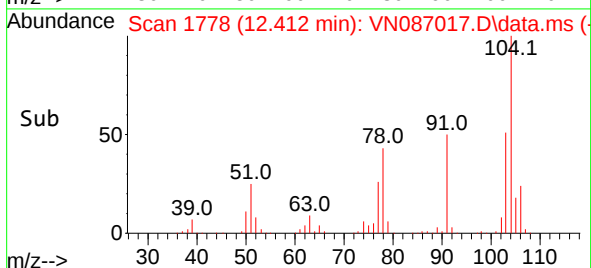
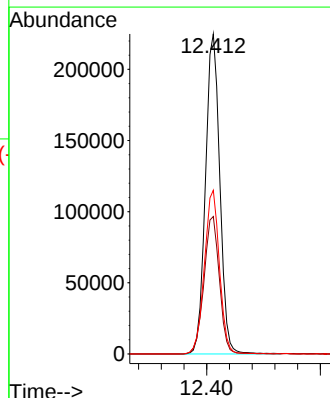
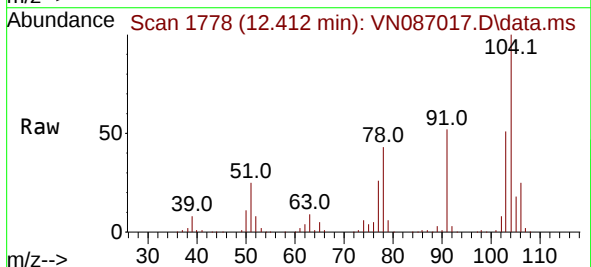
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#70
Styrene
Concen: 57.441 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion:104 Resp: 393057
Ion Ratio Lower Upper
104 100
78 46.1 38.5 57.7
103 53.8 43.1 64.7





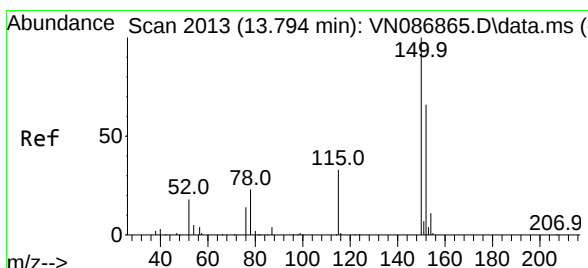
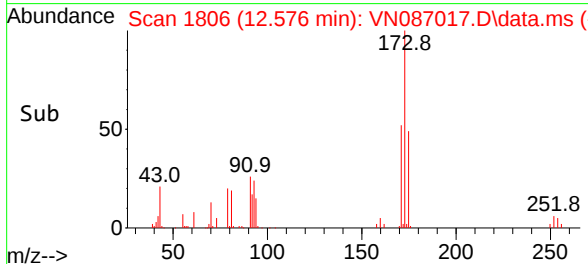
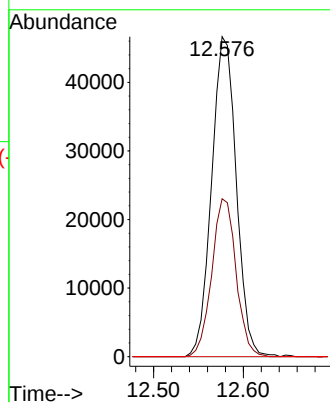
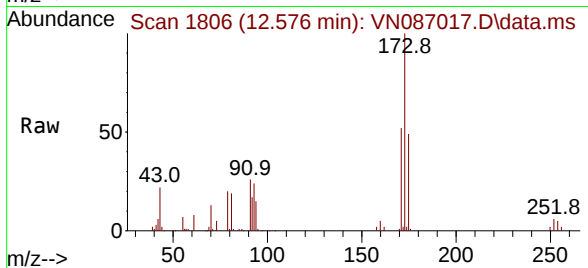
#71
Bromoform
Concen: 59.050 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 8905
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

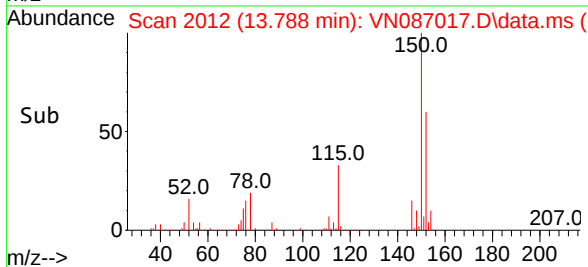
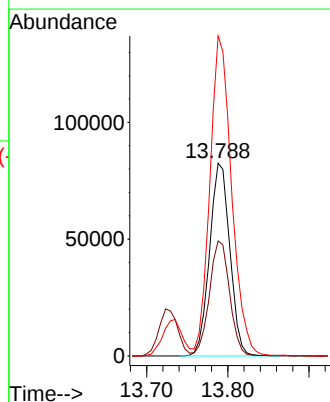
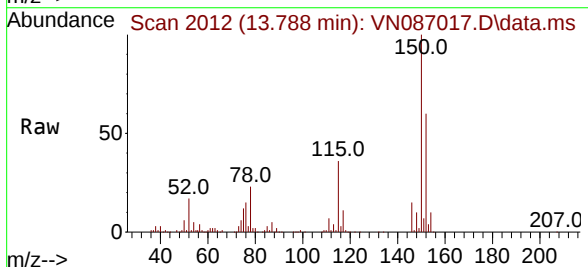
Manual Integrations
APPROVED

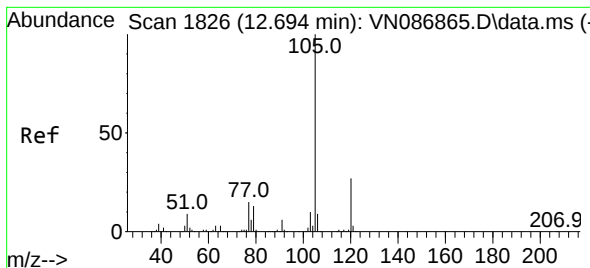
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion:152 Resp: 143033
Ion Ratio Lower Upper
152 100
115 59.6 30.1 90.5
150 177.7 0.0 345.0





#73

Isopropylbenzene

Concen: 54.232 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 565099

Ion Ratio Lower Upper

105 100

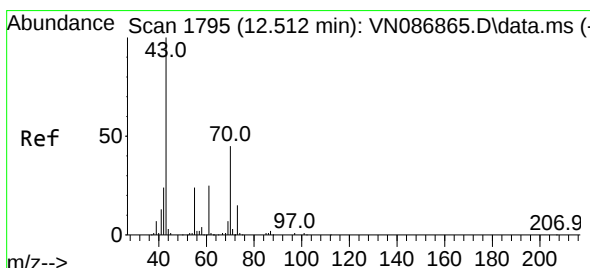
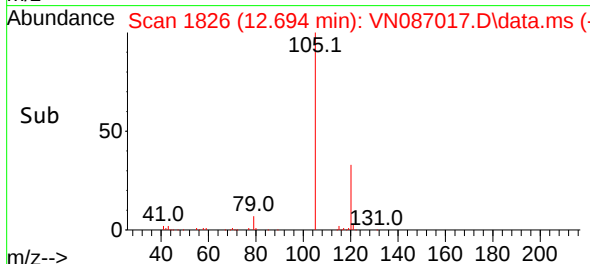
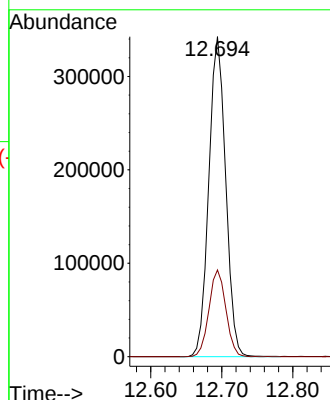
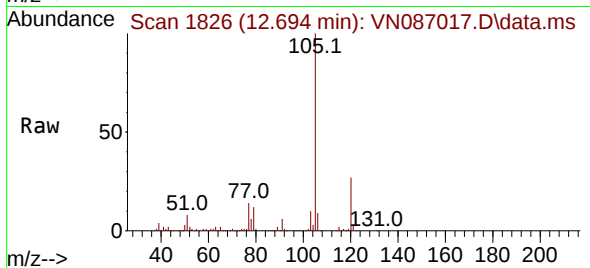
120 27.1 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#74

N-ethyl acetate

Concen: 49.332 ug/l

RT: 12.518 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Tgt Ion: 43 Resp: 179627

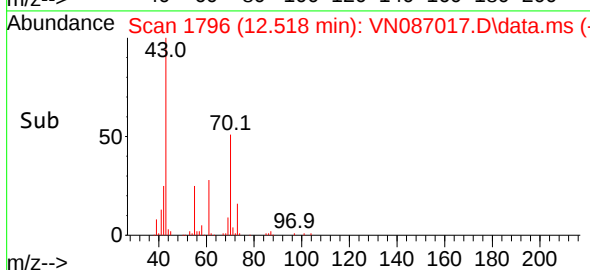
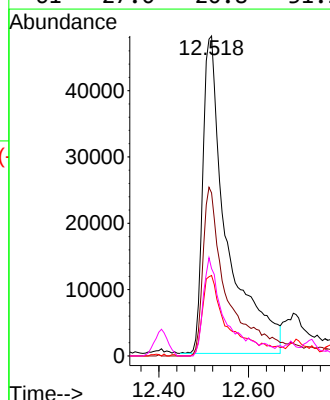
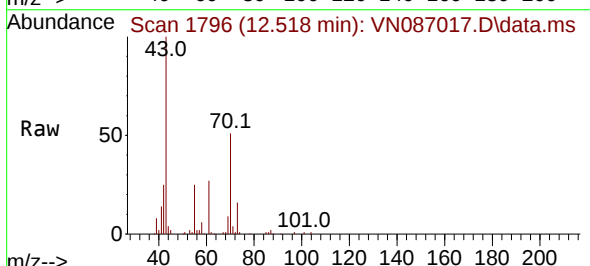
Ion Ratio Lower Upper

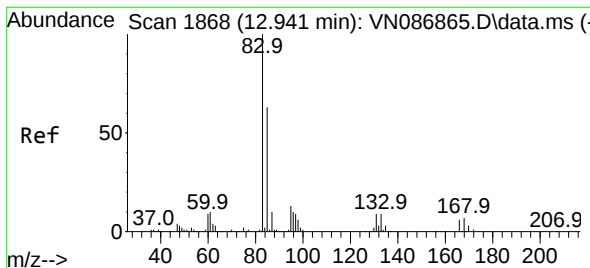
43 100

70 54.1 37.6 56.4

55 25.0 19.0 28.6

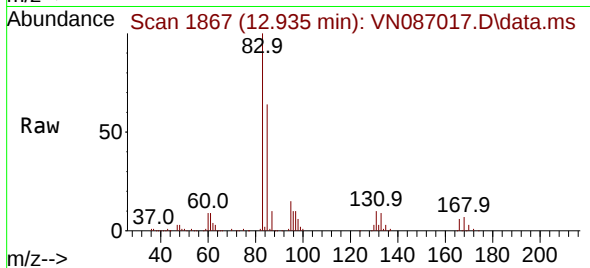
61 27.0 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.532 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

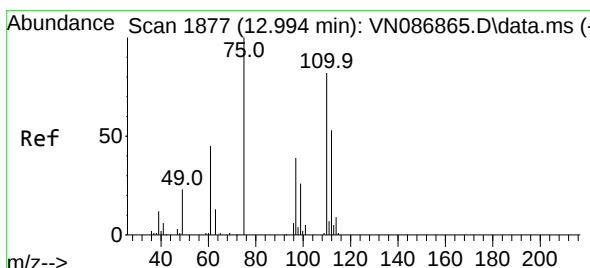
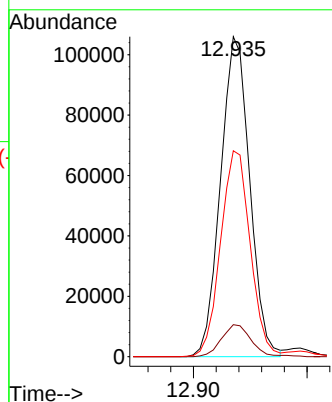
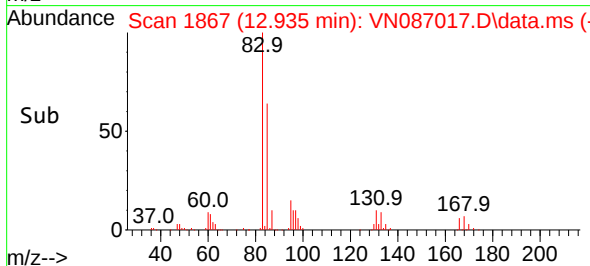
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 188972
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 65.3 32.0 96.0

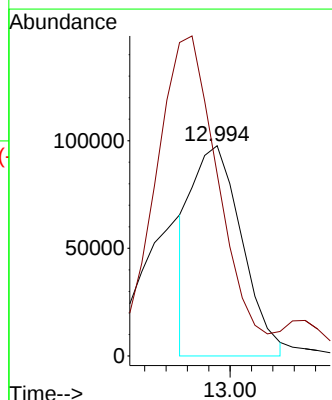
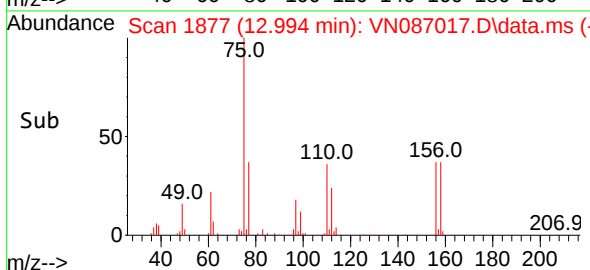
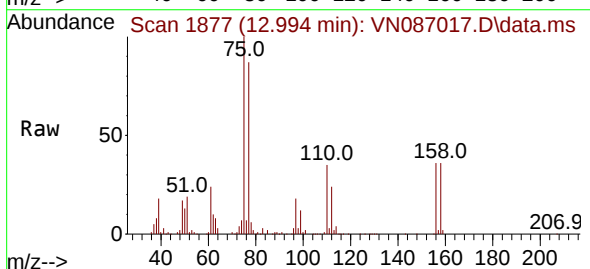
Manual Integrations
APPROVED

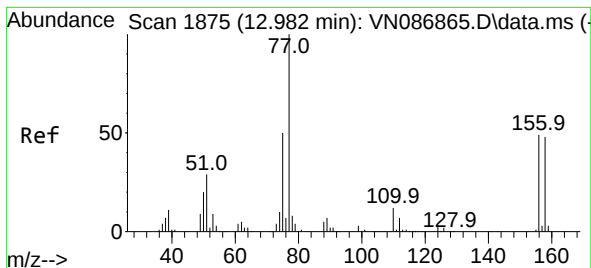
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#76
1,2,3-Trichloropropane
Concen: 46.711 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion: 75 Resp: 158815
Ion Ratio Lower Upper
75 100
77 193.3 79.3 237.9





#77

Bromobenzene

Concen: 57.400 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 137168

Ion Ratio Lower Upper

156 100

77 223.8 117.7 353.1

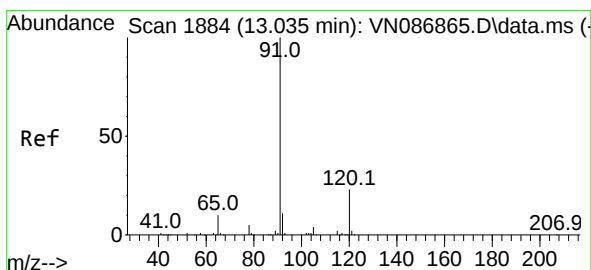
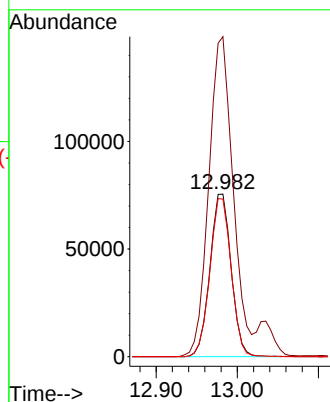
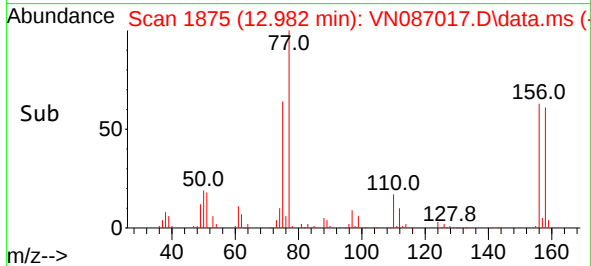
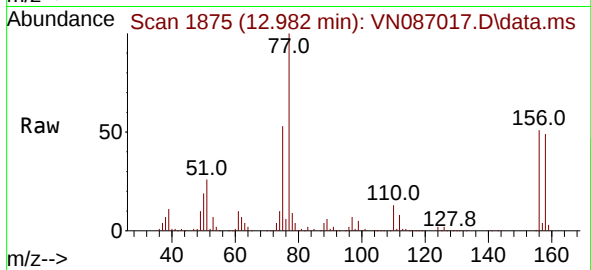
158 97.6 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#78

n-propylbenzene

Concen: 53.036 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087017.D

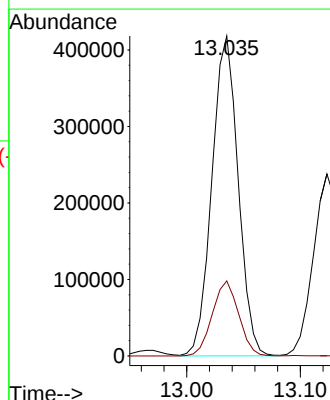
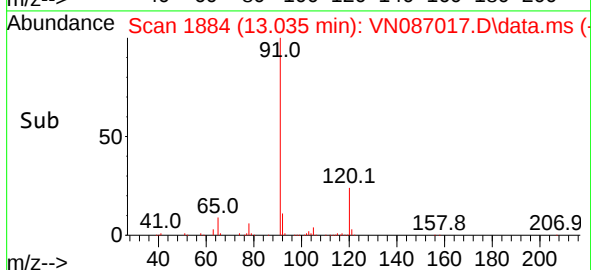
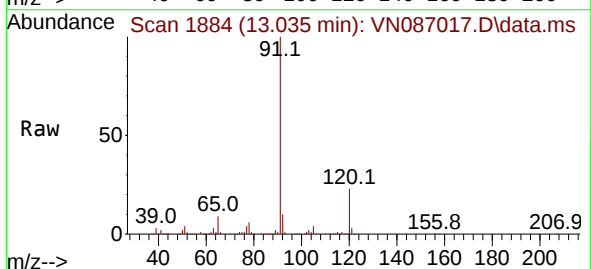
Acq: 16 Jun 2025 09:48

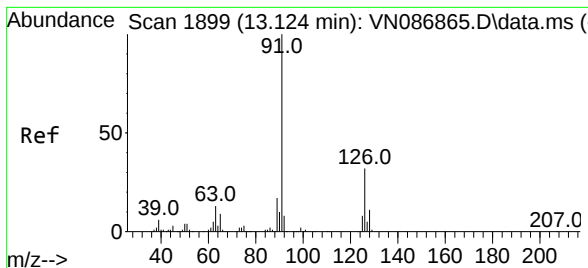
Tgt Ion: 91 Resp: 671600

Ion Ratio Lower Upper

91 100

120 23.5 11.4 34.2





#79

2-Chlorotoluene

Concen: 53.039 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 402792

Ion Ratio Lower Upper

91 100

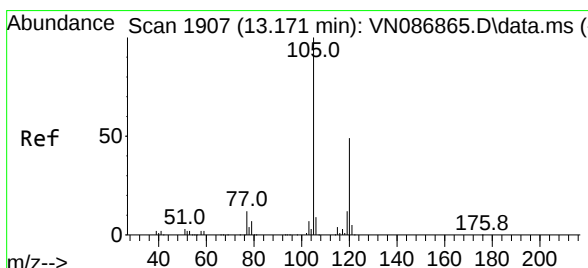
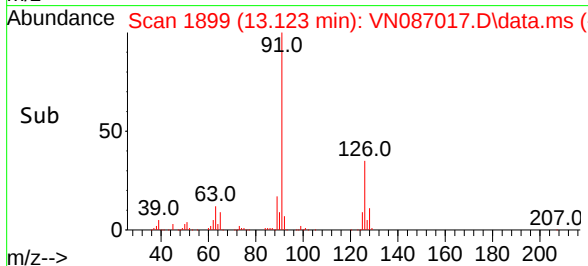
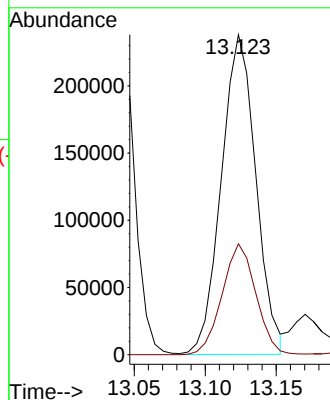
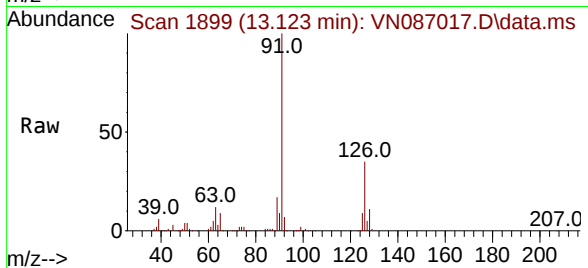
126 33.9 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#80

1,3,5-Trimethylbenzene

Concen: 54.118 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN087017.D

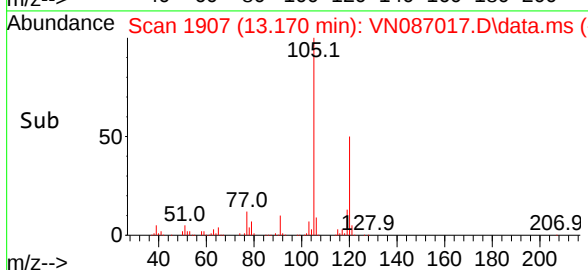
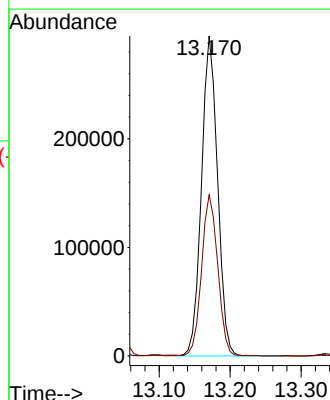
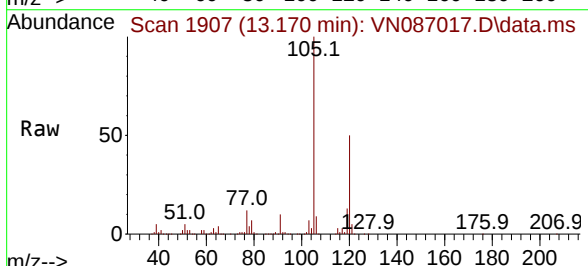
Acq: 16 Jun 2025 09:48

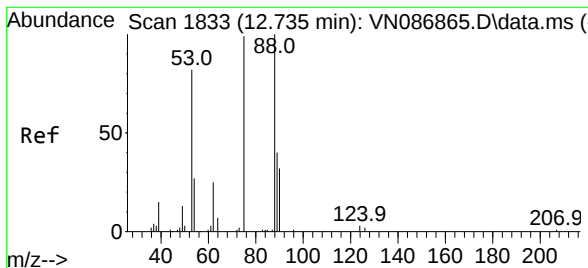
Tgt Ion:105 Resp: 465579

Ion Ratio Lower Upper

105 100

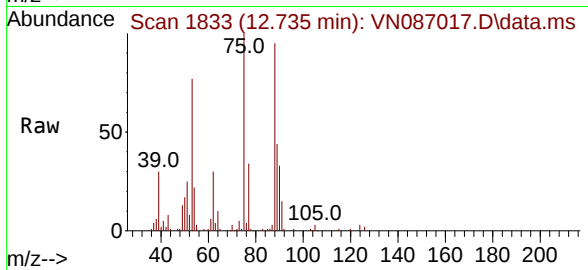
120 50.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.475 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

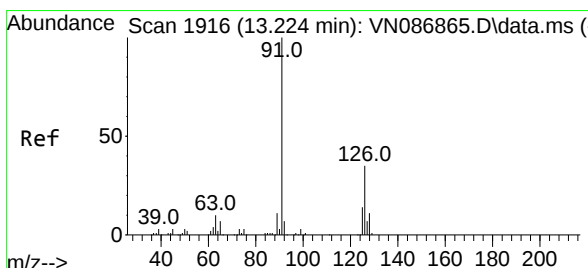
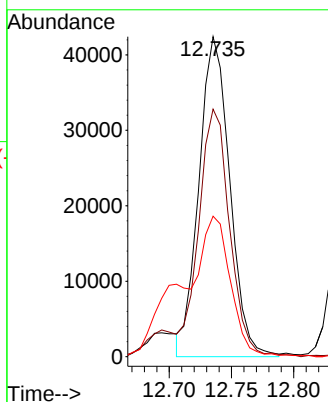
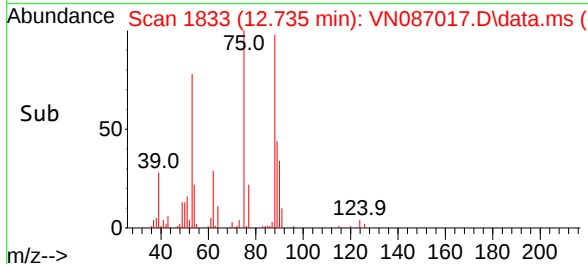
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 73074
Ion Ratio Lower Upper
75 100
53 85.7 66.6 99.8
89 42.9 36.7 55.1

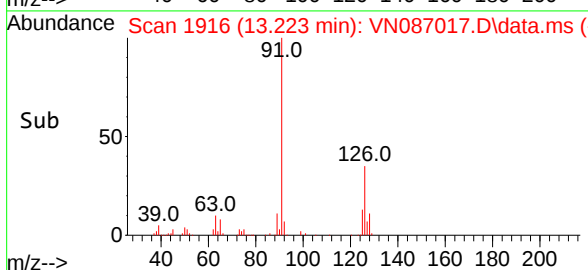
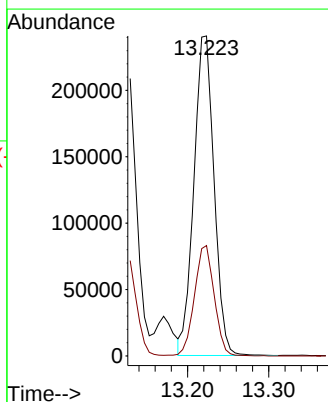
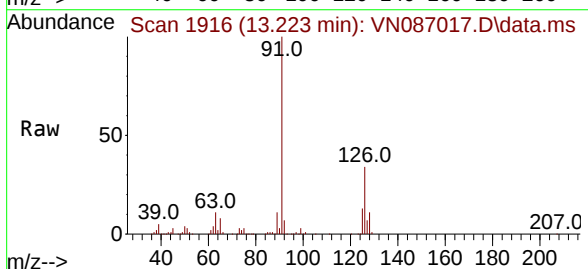
Manual Integrations
APPROVED

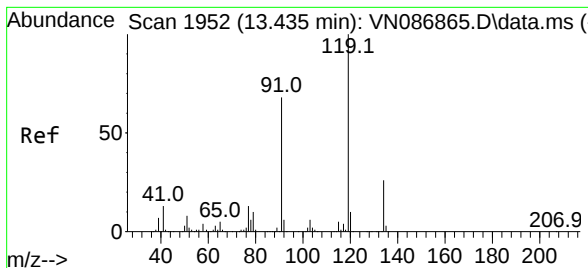
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#82
4-Chlorotoluene
Concen: 54.130 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

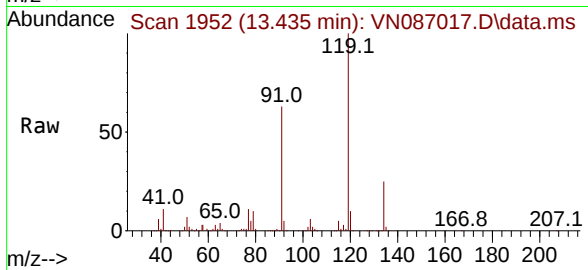
Tgt Ion: 91 Resp: 415939
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.1





#83
tert-Butylbenzene
Concen: 50.628 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

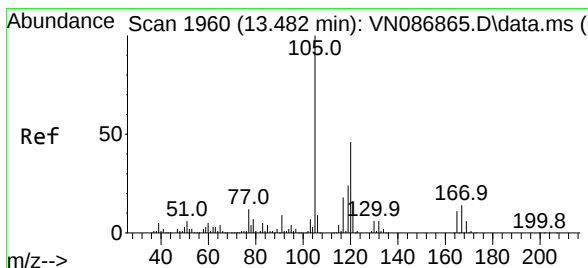
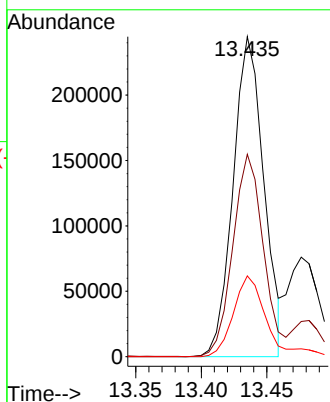
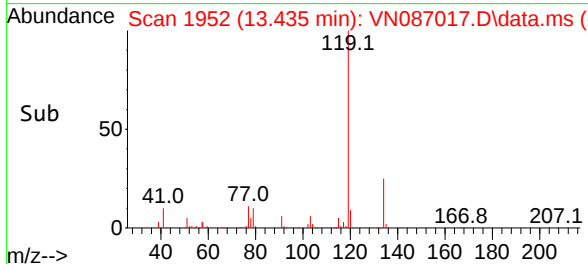
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



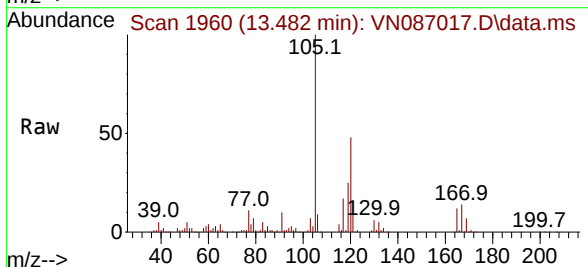
Tgt Ion:119 Resp: 398699
Ion Ratio Lower Upper
119 100
91 63.3 32.1 96.5
134 27.3 13.4 40.1

Manual Integrations
APPROVED

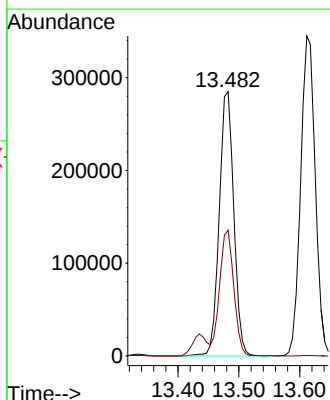
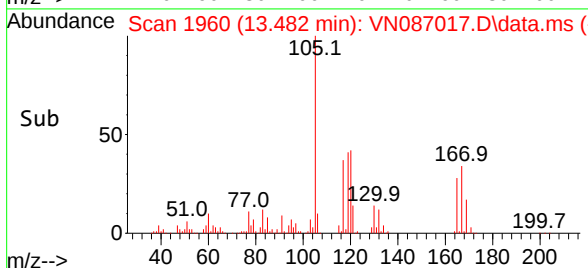
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

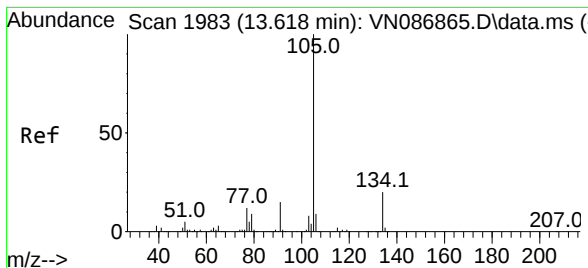


#84
1,2,4-Trimethylbenzene
Concen: 54.786 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



Tgt Ion:105 Resp: 472628
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.270 ug/l

RT: 13.612 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 574890

Ion Ratio Lower Upper

105 100

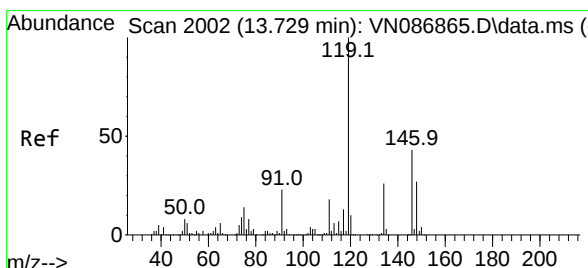
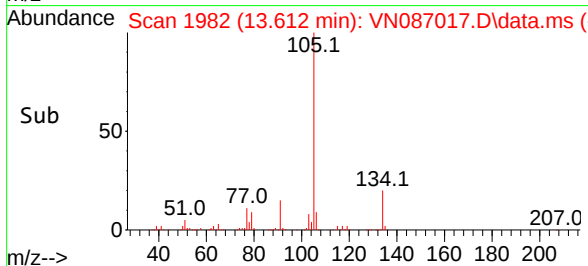
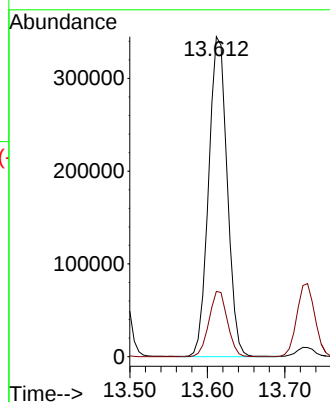
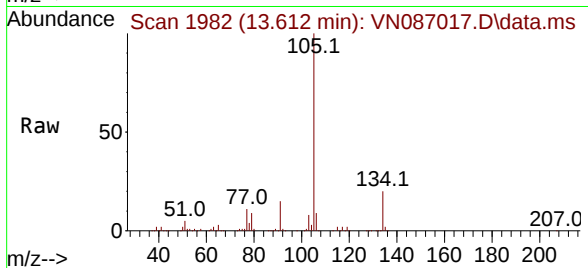
134 20.2 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#86

p-Isopropyltoluene

Concen: 51.521 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087017.D

Acq: 16 Jun 2025 09:48

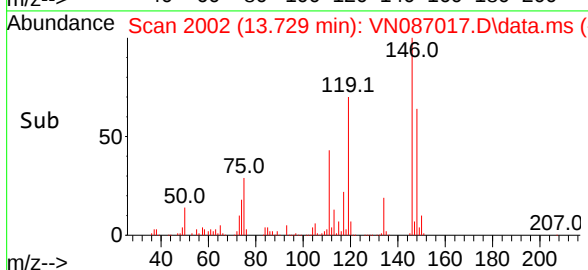
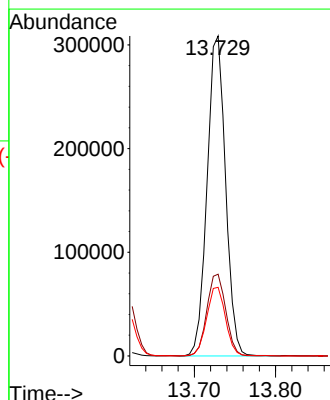
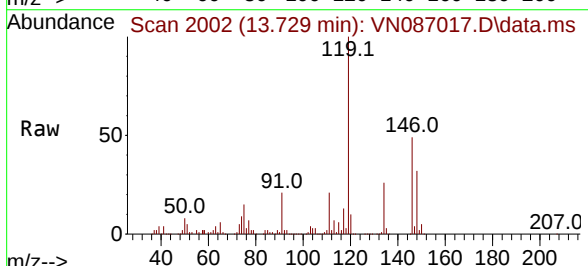
Tgt Ion:119 Resp: 487055

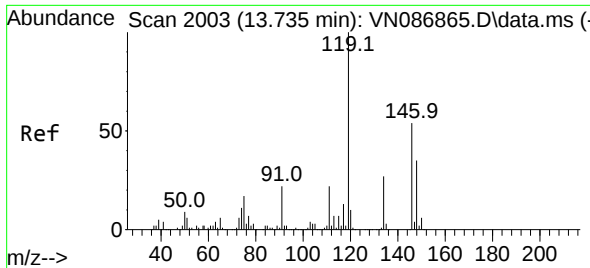
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

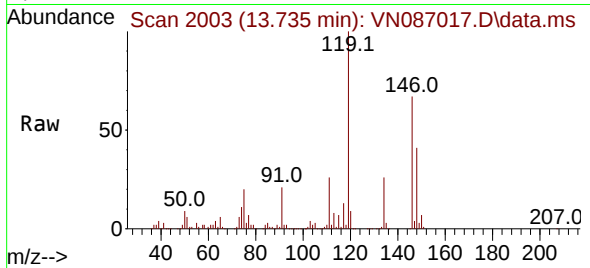
91 21.8 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 56.112 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

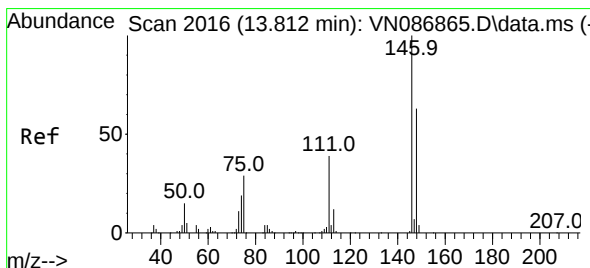
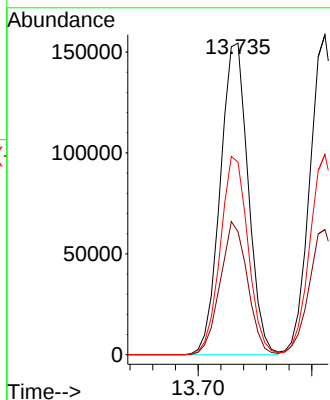
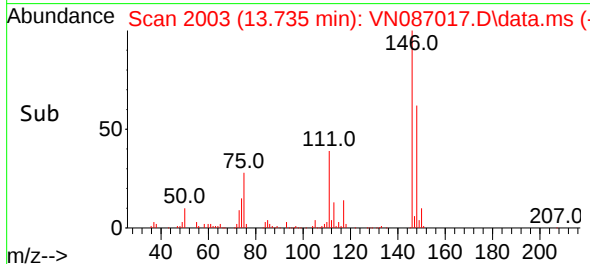
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



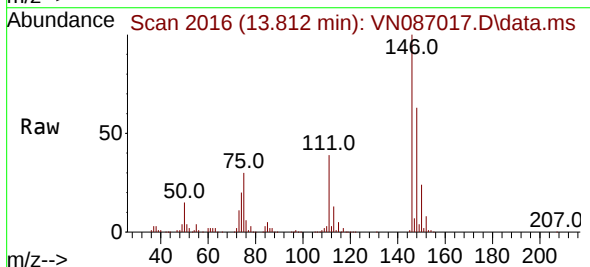
Tgt Ion:146 Resp: 263818
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.8
148 63.2 32.0 96.2

Manual Integrations
APPROVED

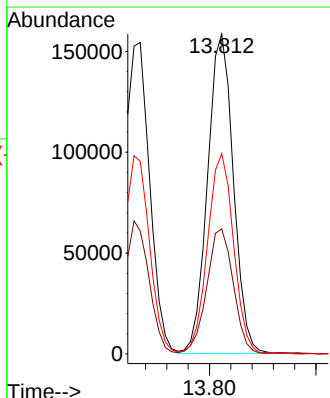
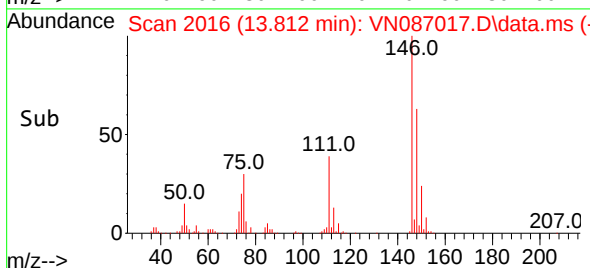
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

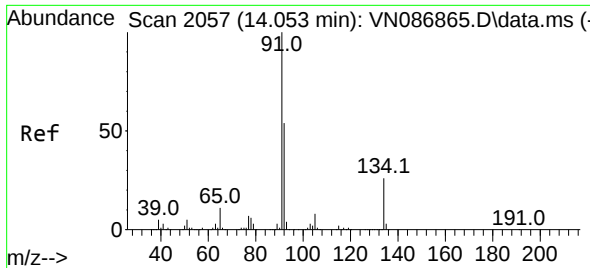


#88
1,4-Dichlorobenzene
Concen: 55.537 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



Tgt Ion:146 Resp: 266217
Ion Ratio Lower Upper
146 100
111 40.0 19.9 59.7
148 63.6 31.8 95.4





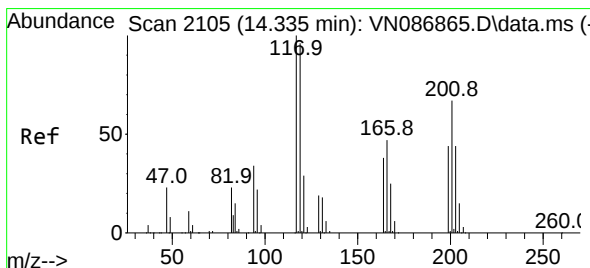
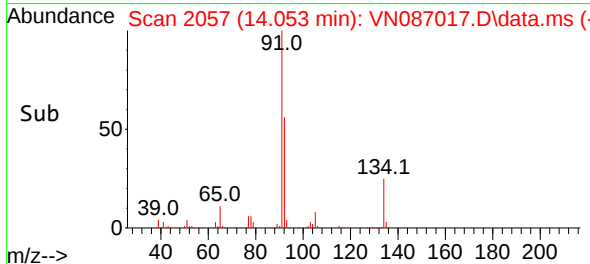
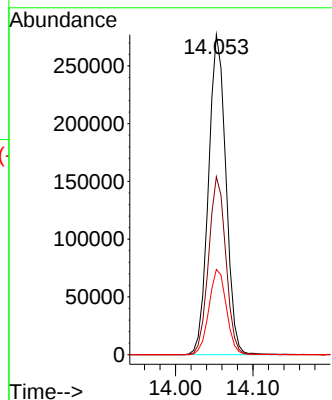
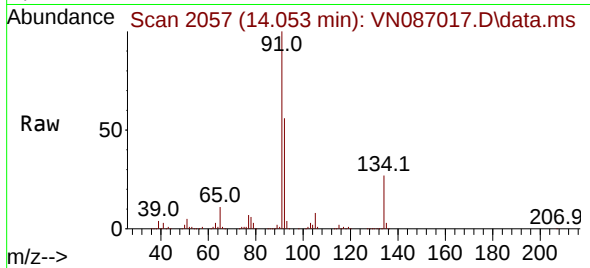
#89
n-Butylbenzene
Concen: 47.266 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 43280
Ion Ratio Lower Upper
91 100
92 55.1 27.5 82.4
134 26.8 13.0 39.0

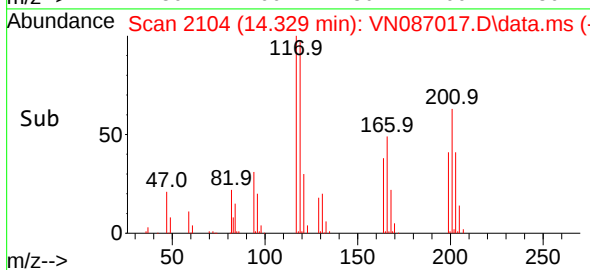
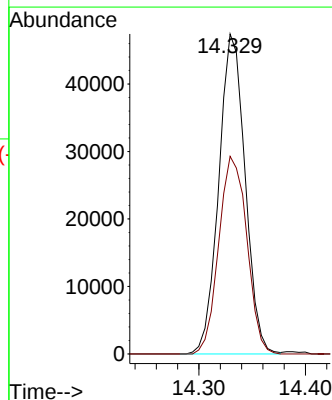
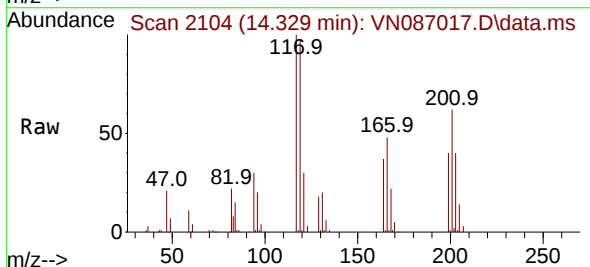
Manual Integrations
APPROVED

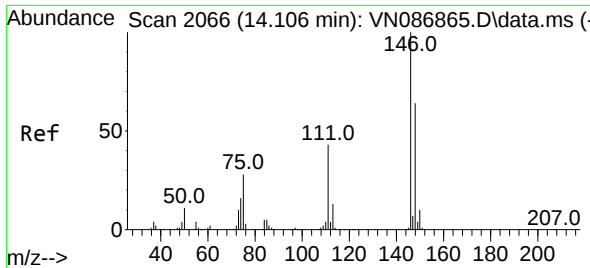
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#90
Hexachloroethane
Concen: 50.792 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion:117 Resp: 81390
Ion Ratio Lower Upper
117 100
201 65.8 33.2 99.6





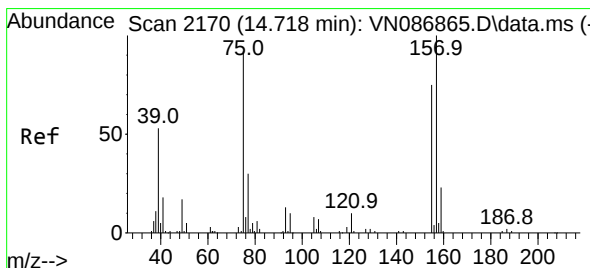
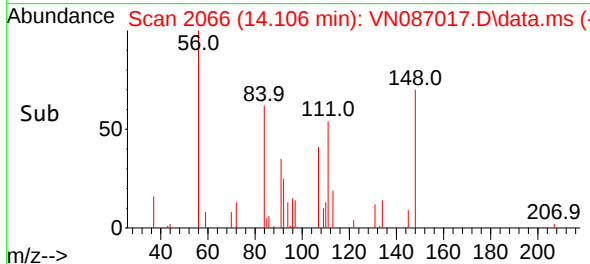
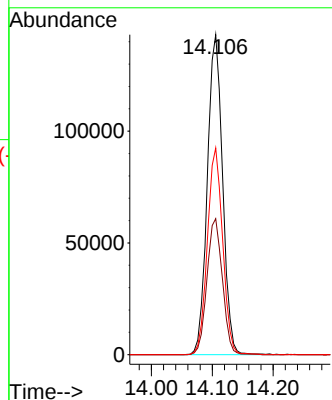
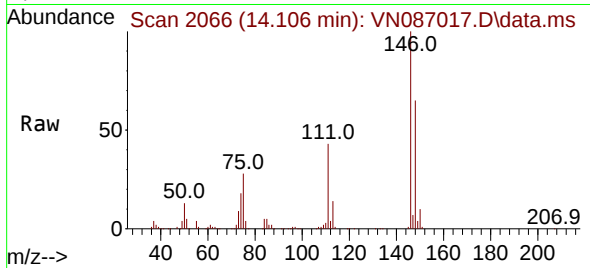
#91
1,2-Dichlorobenzene
Concen: 55.182 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 24926
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.6
148 64.5 31.7 95.1

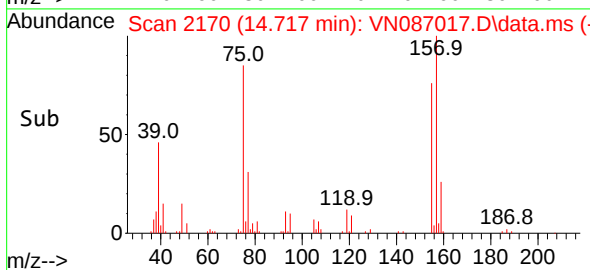
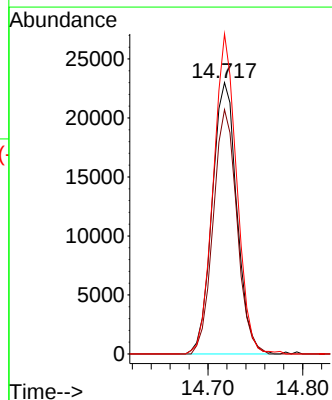
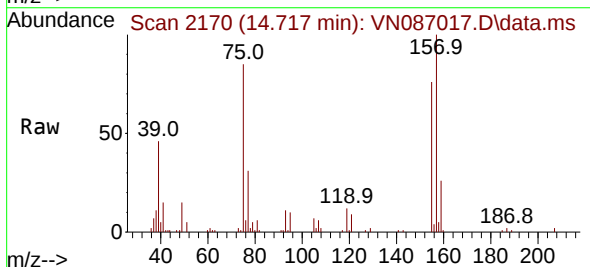
Manual Integrations
APPROVED

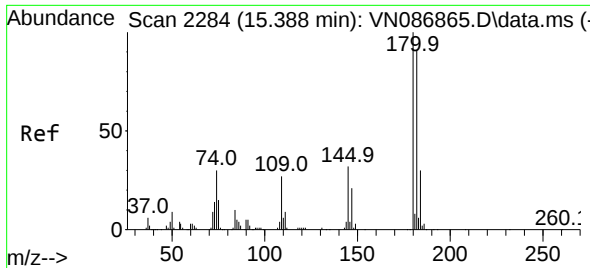
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.323 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

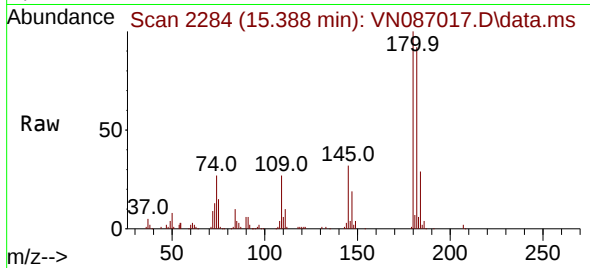
Tgt Ion: 75 Resp: 41640
Ion Ratio Lower Upper
75 100
155 86.8 41.1 123.4
157 111.5 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 49.928 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

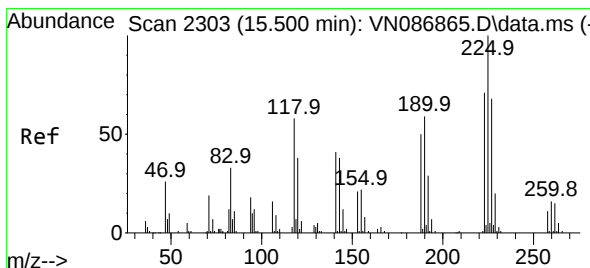
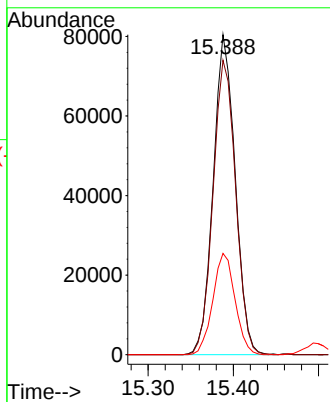
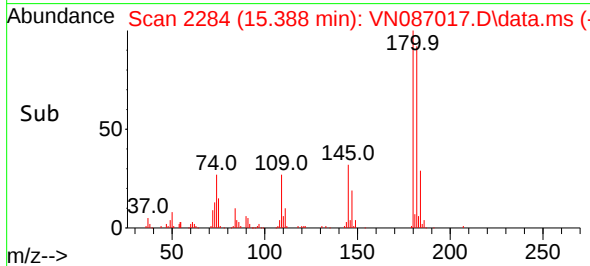
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



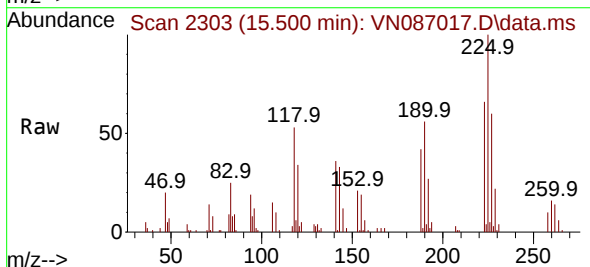
Tgt Ion:180 Resp: 144014
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.7
145 32.0 16.0 47.9

Manual Integrations
APPROVED

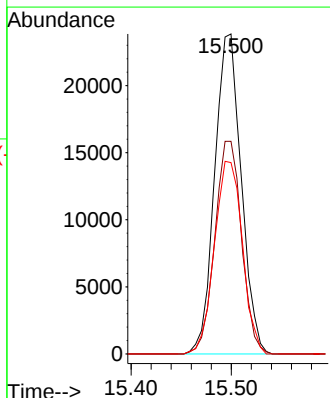
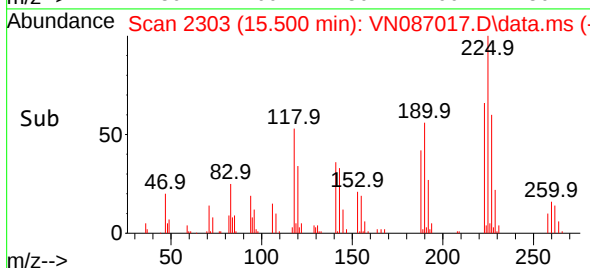
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

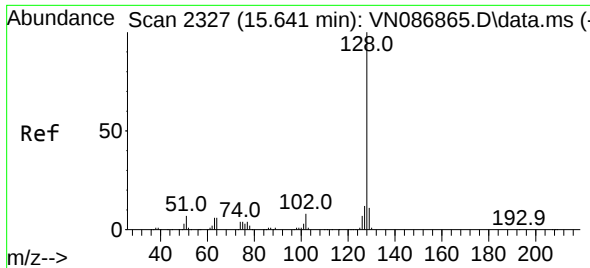


#94
Hexachlorobutadiene
Concen: 40.877 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48



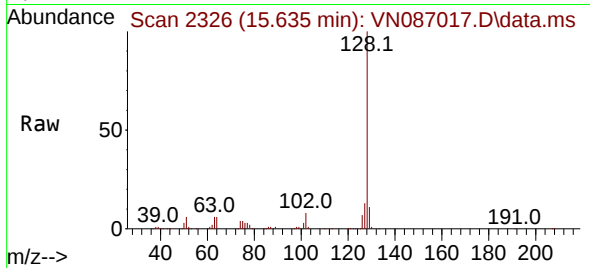
Tgt Ion:225 Resp: 43928
Ion Ratio Lower Upper
225 100
223 66.7 33.5 100.4
227 63.4 31.1 93.5





#95
Naphthalene
Concen: 52.730 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

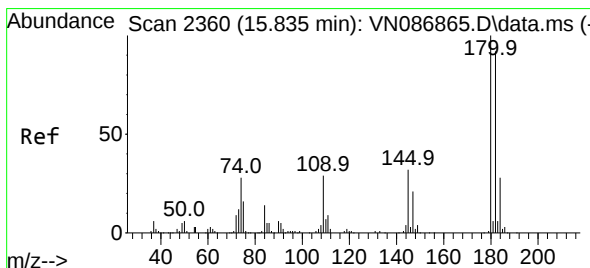
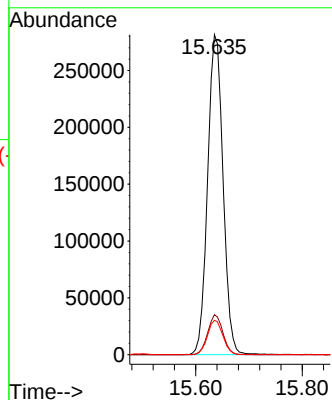
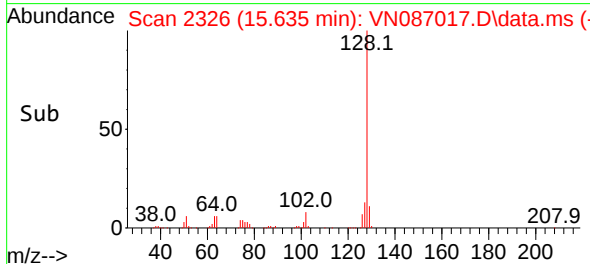
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 566130
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.780 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087017.D
Acq: 16 Jun 2025 09:48

Tgt Ion:180 Resp: 136928
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.0
145 33.4 16.6 49.8

