

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
 Data File : VN086284.D
 Acq On : 15 Apr 2025 15:30
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041525

Quant Time: Apr 16 04:30:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/16/2025
 Supervised By : Semsettin Yesilyurt 04/16/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	232806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	435528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	384601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169181	50.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.165	113	96752	47.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.740%			
50) Toluene-d8	10.565	98	542858	50.251	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.847	95	196820	49.950	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	138594	50.220	ug/l	100
3) Chloromethane	2.359	50	185786	46.321	ug/l	99
4) Vinyl Chloride	2.518	62	183873	48.040	ug/l	98
5) Bromomethane	2.953	94	88943	51.662	ug/l	98
6) Chloroethane	3.118	64	119261	46.557	ug/l	99
7) Trichlorofluoromethane	3.500	101	203630	48.030	ug/l	96
8) Diethyl Ether	3.959	74	88034	47.564	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	124024	48.357	ug/l	99
10) Methyl Iodide	4.589	142	148899	52.806	ug/l	98
11) Tert butyl alcohol	5.512	59	143880	233.586	ug/l	99
12) 1,1-Dichloroethene	4.336	96	129546	47.278	ug/l	98
13) Acrolein	4.177	56	72276	251.743	ug/l	99
14) Allyl chloride	5.024	41	220559	45.280	ug/l	99
15) Acrylonitrile	5.712	53	372009	244.312	ug/l	99
16) Acetone	4.424	43	297097	254.646	ug/l	100
17) Carbon Disulfide	4.712	76	360863	43.983	ug/l	99
18) Methyl Acetate	5.018	43	184731	45.586	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	474584	47.117	ug/l	99
20) Methylene Chloride	5.271	84	145872	46.740	ug/l	100
21) trans-1,2-Dichloroethene	5.788	96	134526	46.960	ug/l	99
22) Diisopropyl ether	6.665	45	491946	46.426	ug/l	98
23) Vinyl Acetate	6.600	43	1738360	234.680	ug/l	100
24) 1,1-Dichloroethane	6.565	63	264324	47.277	ug/l	99
25) 2-Butanone	7.477	43	501652	238.732	ug/l	98
26) 2,2-Dichloropropane	7.488	77	233882	46.721	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	167485	47.105	ug/l	98
28) Bromochloromethane	7.812	49	113893	48.044	ug/l	100
29) Tetrahydrofuran	7.835	42	326414	232.296	ug/l	100
30) Chloroform	7.959	83	258393	47.047	ug/l	99
31) Cyclohexane	8.253	56	247077	45.162	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	222630	47.385	ug/l	97
36) 1,1-Dichloropropene	8.371	75	191295	47.382	ug/l	100
37) Ethyl Acetate	7.553	43	195455	45.984	ug/l	100
38) Carbon Tetrachloride	8.359	117	182531	47.475	ug/l	98
39) Methylcyclohexane	9.594	83	220275	45.902	ug/l	97
40) Benzene	8.600	78	610128	47.168	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	113052	45.892	ug/l	98
42) 1,2-Dichloroethane	8.665	62	195922	47.496	ug/l	100
43) Isopropyl Acetate	8.682	43	370579	48.649	ug/l	100
44) Trichloroethene	9.347	130	145334	47.403	ug/l	99
45) 1,2-Dichloropropane	9.618	63	149775	47.302	ug/l	98
46) Dibromomethane	9.706	93	98395	48.772	ug/l	100
47) Bromodichloromethane	9.882	83	207763	47.682	ug/l	99
48) Methyl methacrylate	9.676	41	170007	45.546	ug/l	98
49) 1,4-Dioxane	9.688	88	59040	929.893	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	1036849	238.220	ug/l	99
52) Toluene	10.629	92	383010	47.453	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	235221	48.360	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	250676	46.923	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	136227	46.911	ug/l	97
56) Ethyl methacrylate	10.871	69	253092	47.414	ug/l	99
57) 1,3-Dichloropropane	11.159	76	246129	47.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	612932	241.924	ug/l	99
59) 2-Hexanone	11.188	43	759846	235.364	ug/l	99
60) Dibromochloromethane	11.353	129	152321	47.767	ug/l	99
61) 1,2-Dibromoethane	11.465	107	139994	47.777	ug/l	100
64) Tetrachloroethene	11.100	164	140342	47.439	ug/l	99
65) Chlorobenzene	11.888	112	401122	46.735	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	133755	47.238	ug/l	99
67) Ethyl Benzene	11.959	91	730984	47.196	ug/l	100
68) m/p-Xylenes	12.070	106	551289	94.994	ug/l	100
69) o-Xylene	12.394	106	269992	47.043	ug/l	100
70) Styrene	12.406	104	460331	48.138	ug/l	100
71) Bromoform	12.576	173	101548	47.634	ug/l #	98
73) Isopropylbenzene	12.694	105	667602	46.930	ug/l	100
74) N-amyl acetate	12.488	43	320394	45.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	186111	45.501	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	187464m	45.680	ug/l	
77) Bromobenzene	12.976	156	150856	47.860	ug/l	98
78) n-propylbenzene	13.029	91	794892	47.420	ug/l	99
79) 2-Chlorotoluene	13.123	91	493124	47.012	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	550039	47.241	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	84822m	49.639	ug/l	
82) 4-Chlorotoluene	13.217	91	495478	47.552	ug/l	99
83) tert-Butylbenzene	13.435	119	461626	45.757	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	561084	47.342	ug/l	100
85) sec-Butylbenzene	13.612	105	650246	46.468	ug/l	99
86) p-Isopropyltoluene	13.729	119	546663	47.395	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	278387	46.983	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	282403	47.319	ug/l	99
89) n-Butylbenzene	14.053	91	482335	47.178	ug/l	100
90) Hexachloroethane	14.329	117	92416	47.634	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	273135	47.545	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39601	48.017	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	131639	47.854	ug/l	100
94) Hexachlorobutadiene	15.500	225	48079	46.301	ug/l	100
95) Naphthalene	15.635	128	472042	48.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	123220	47.314	ug/l	99

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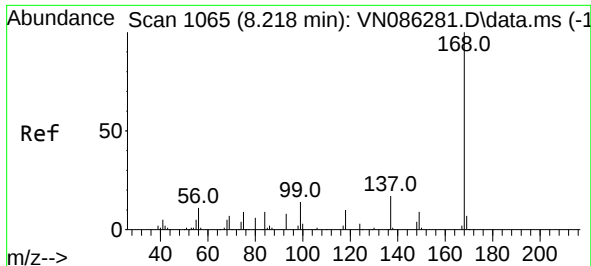
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

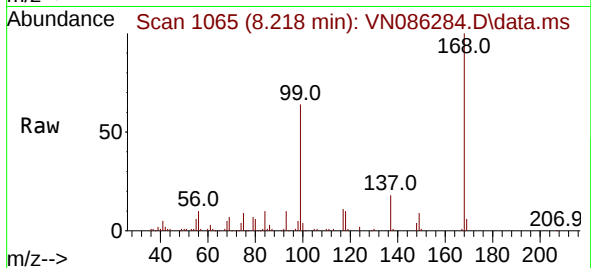
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086284.D
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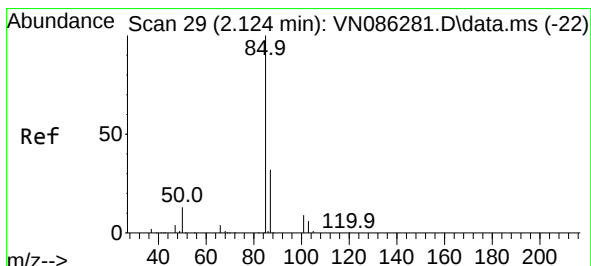
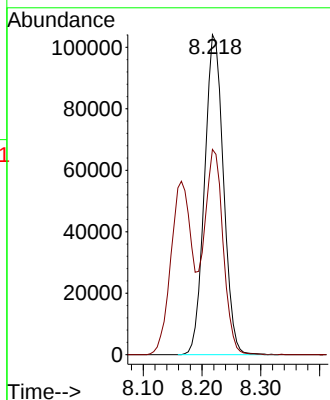
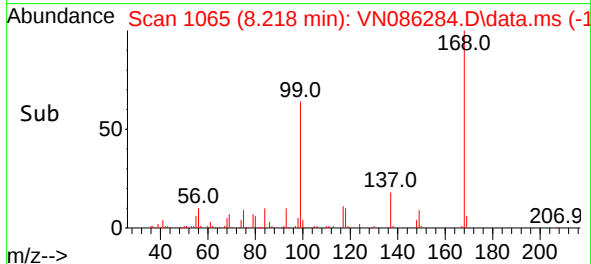
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion:168 Resp: 232800
Ion Ratio Lower Upper
168 100
99 64.2 52.5 78.7

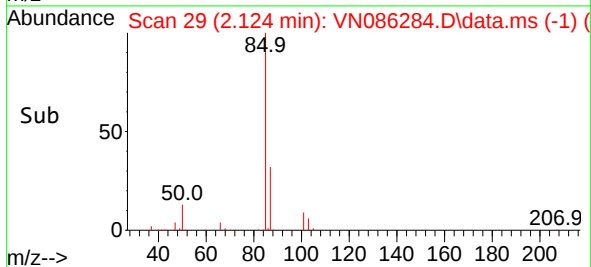
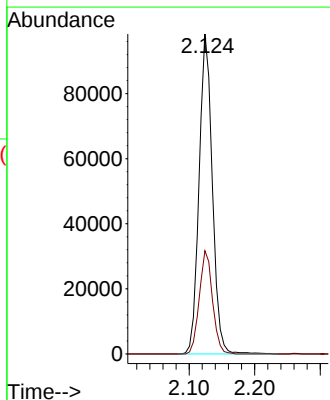
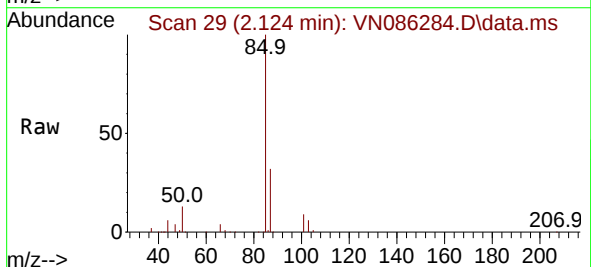
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#2
Dichlorodifluoromethane
Concen: 50.220 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

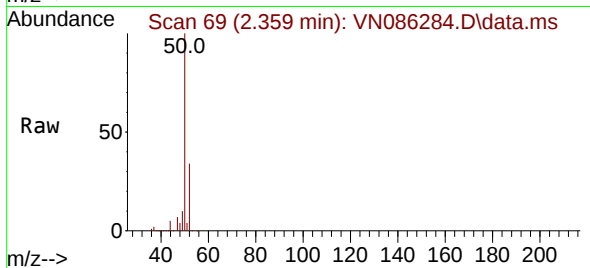
Tgt Ion: 85 Resp: 138594
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.8





#3
Chloromethane
Concen: 46.321 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

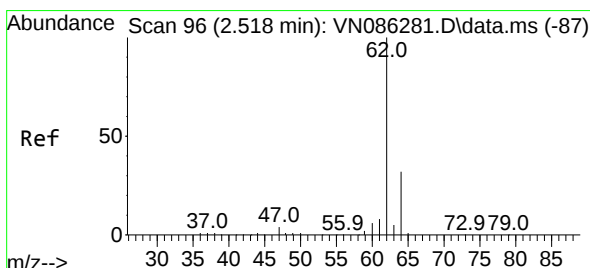
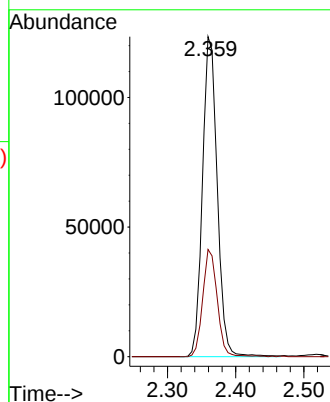
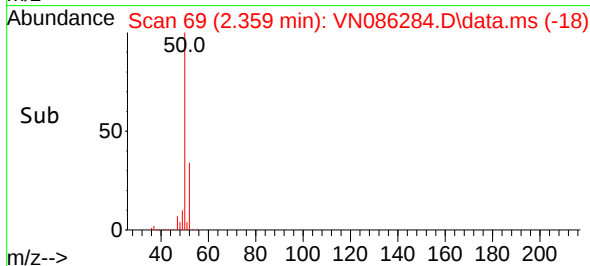
Instrument :
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Tgt Ion: 50 Resp: 185780
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7

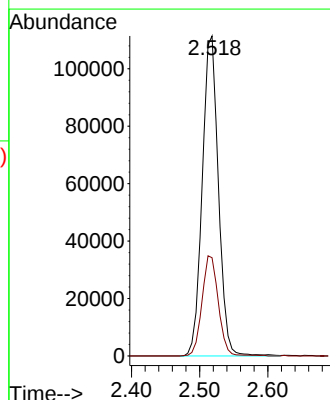
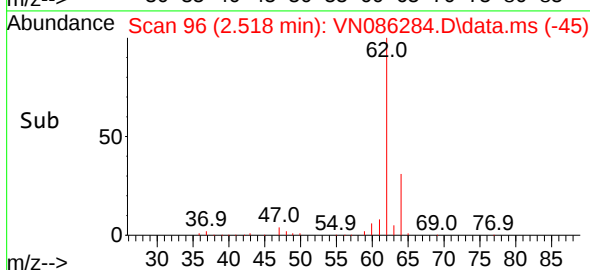
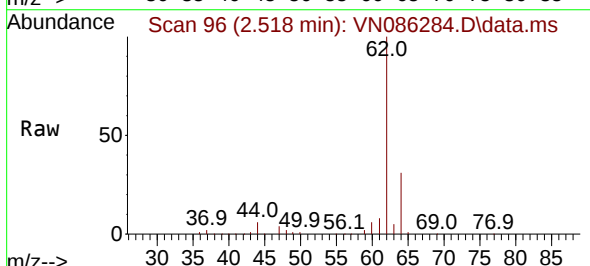
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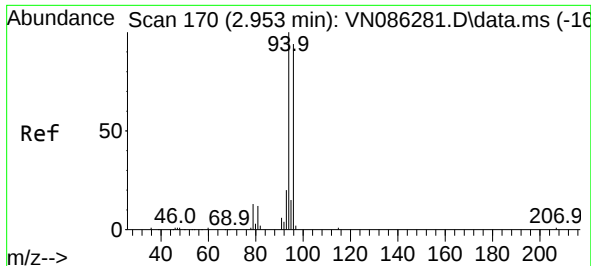
Reviewed By :John Carlone 04/16/2025
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#4
Vinyl Chloride
Concen: 48.040 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086284.D
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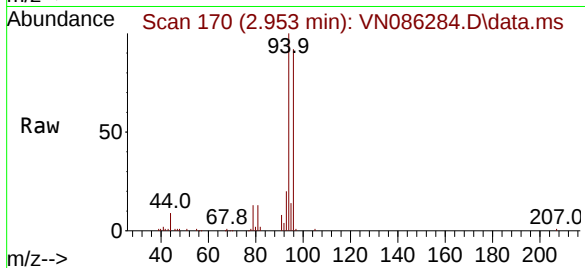
Tgt Ion: 62 Resp: 183873
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4





#5
Bromomethane
Concen: 51.662 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

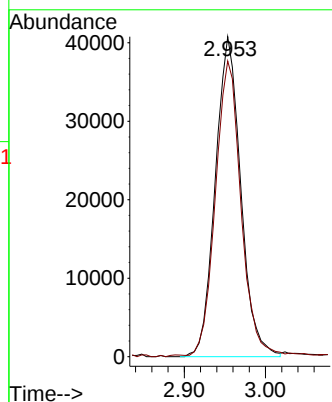
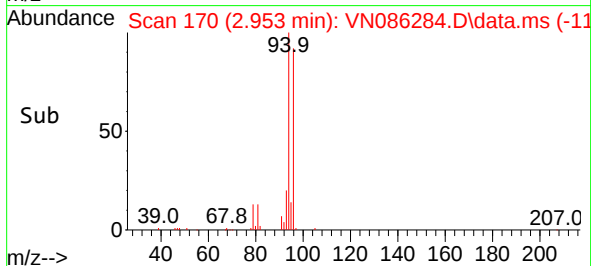
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 94 Resp: 8894
Ion Ratio Lower Upper
94 100
96 91.9 75.2 112.8

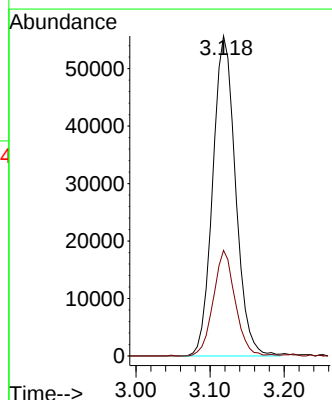
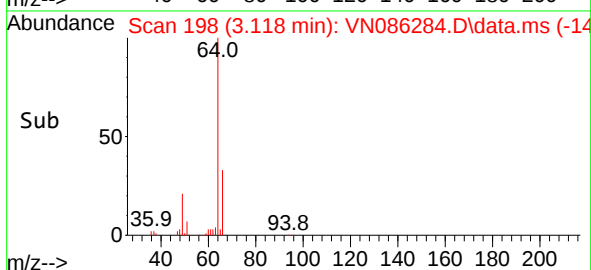
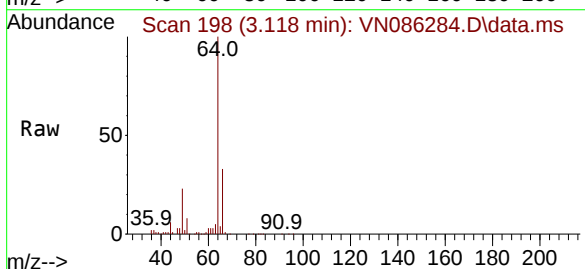
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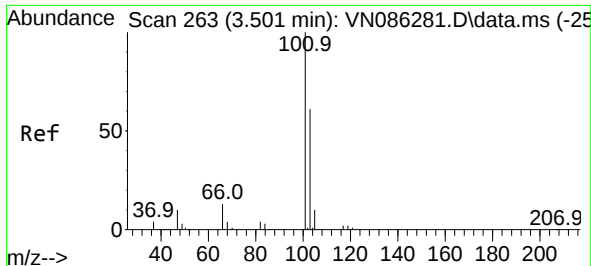
Reviewed By :John Carlone 04/16/2025
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#6
Chloroethane
Concen: 46.557 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

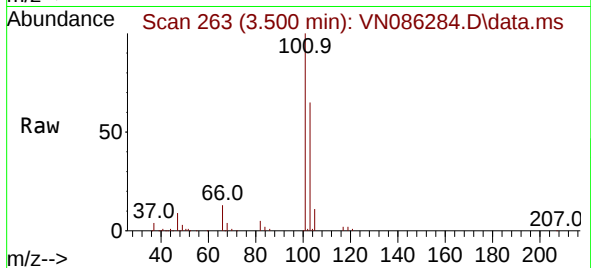
Tgt Ion: 64 Resp: 119261
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 48.030 ug/l
 RT: 3.500 min Scan# 203630
 Delta R.T. -0.000 min
 Lab File: VN086284.D
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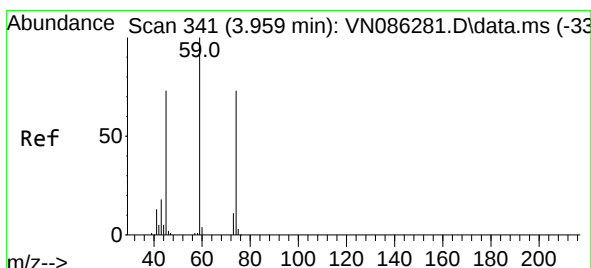
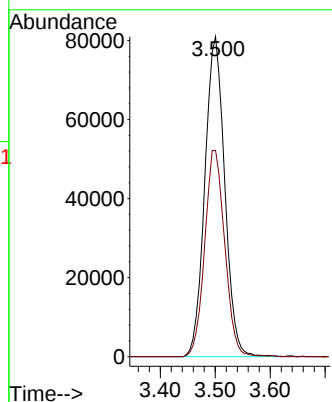
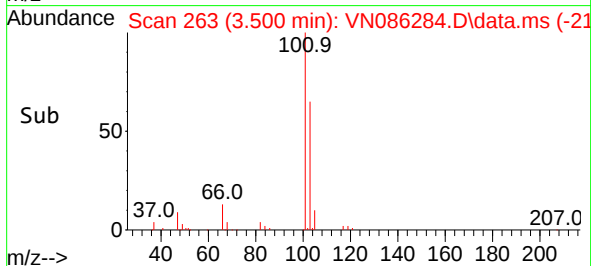
Instrument :
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Tgt Ion:101 Resp: 203630
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.2 73.8

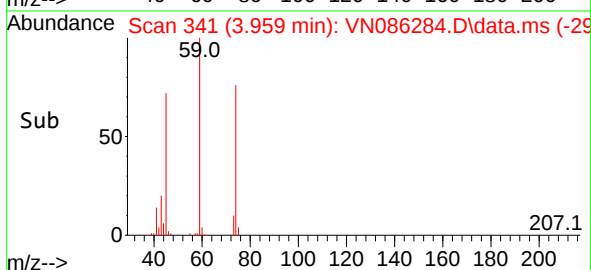
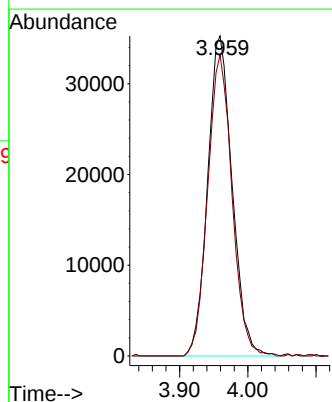
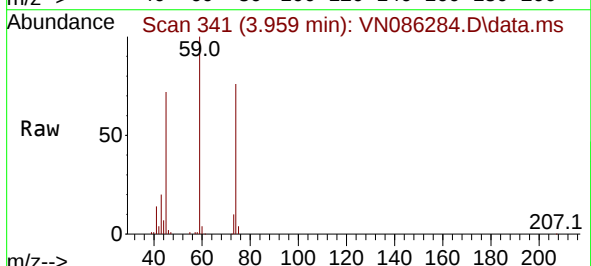
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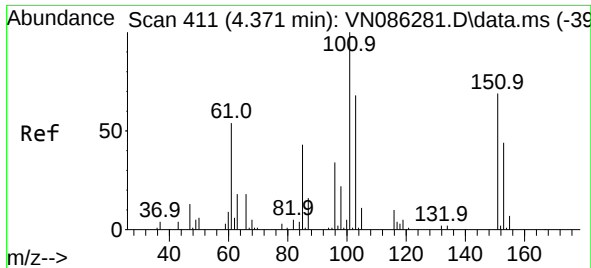
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#8
 Diethyl Ether
 Concen: 47.564 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086284.D
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Tgt Ion: 74 Resp: 88034
 Ion Ratio Lower Upper
 74 100
 45 93.5 48.0 144.2





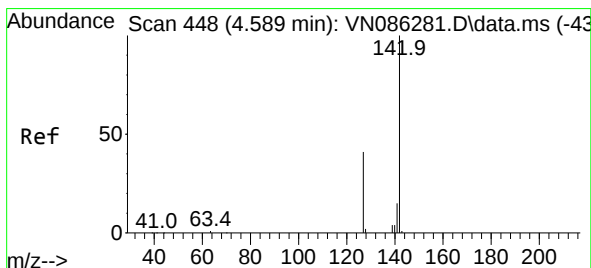
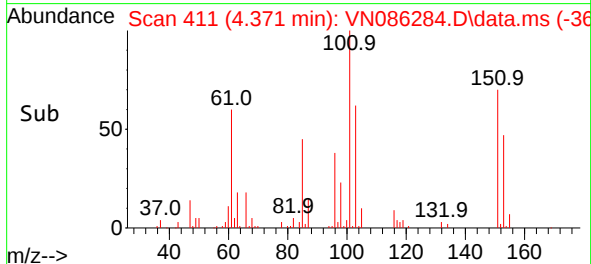
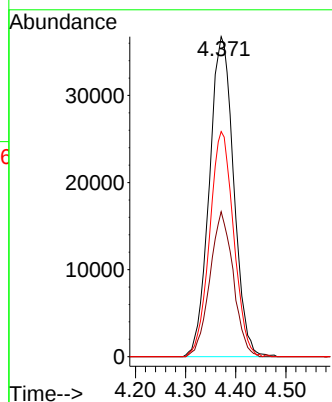
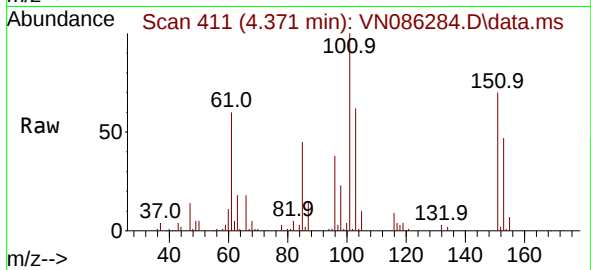
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1,1,2-Trichlorotrifluoroethane
Concen: 48.357 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

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Tgt Ion:101 Resp: 124024
Ion Ratio Lower Upper
101 100
85 43.4 34.7 52.1
151 69.3 56.1 84.1

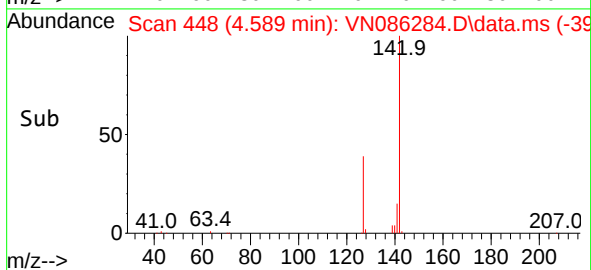
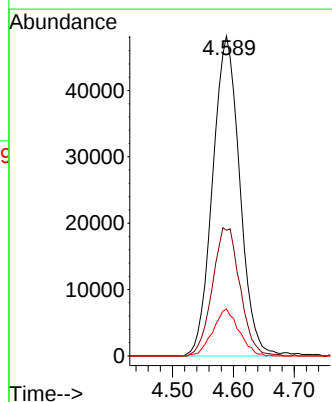
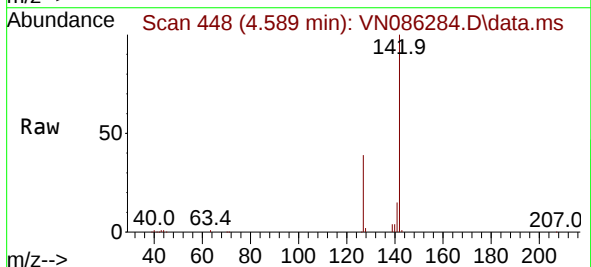
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#10
Methyl Iodide
Concen: 52.806 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

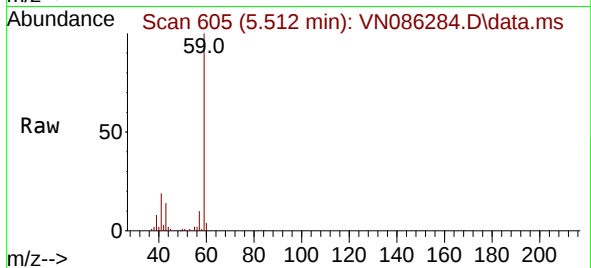
Tgt Ion:142 Resp: 148899
Ion Ratio Lower Upper
142 100
127 39.3 32.7 49.1
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 233.586 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

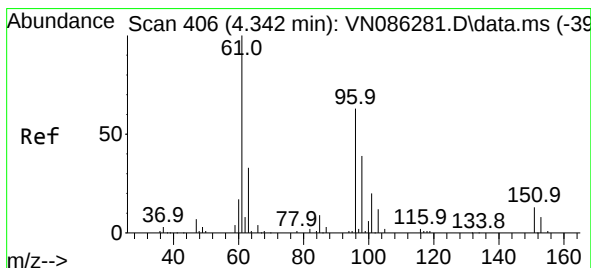
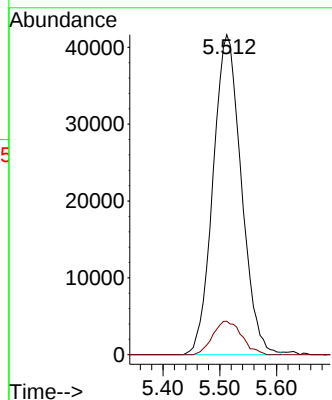
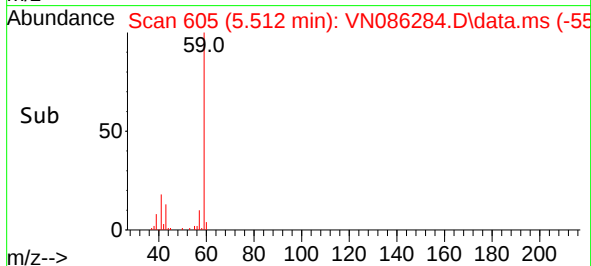
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



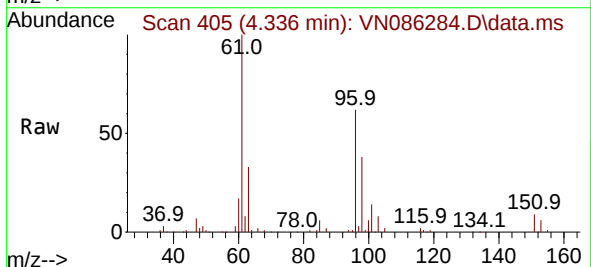
Tgt Ion: 59 Resp: 143880
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

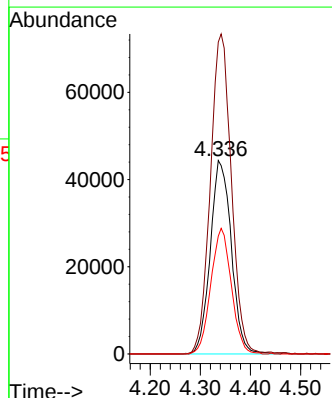
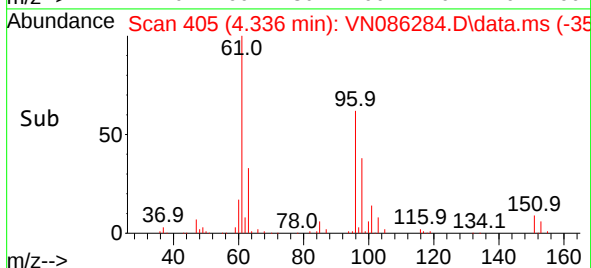
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#12
1,1-Dichloroethene
Concen: 47.278 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



Tgt Ion: 96 Resp: 129546
Ion Ratio Lower Upper
96 100
61 161.2 126.6 189.8
98 60.9 49.6 74.4





#13

Acrolein

Concen: 251.743 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041525

Tgt Ion: 56 Resp: 72270

Ion Ratio Lower Upper

56 100

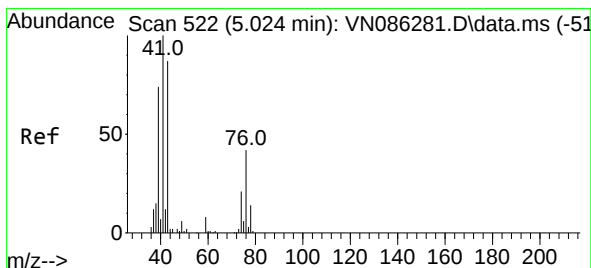
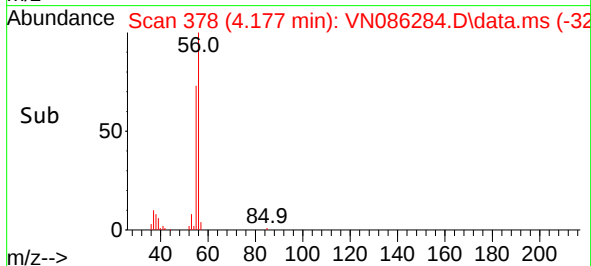
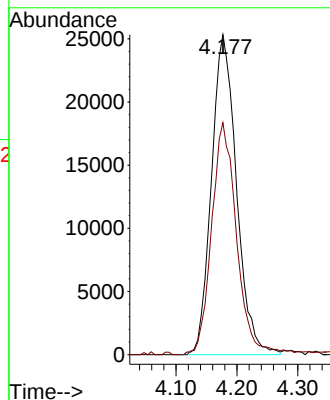
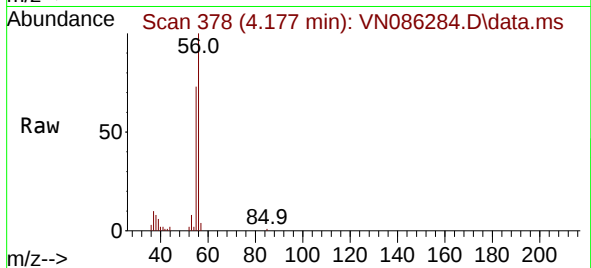
55 72.2 58.5 87.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#14

Allyl chloride

Concen: 45.280 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

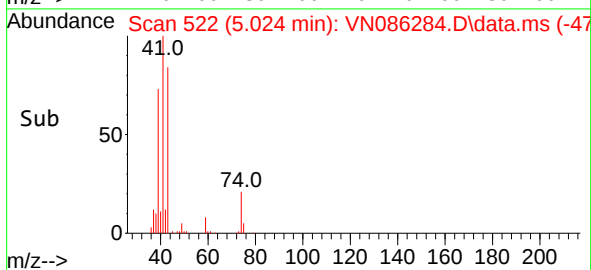
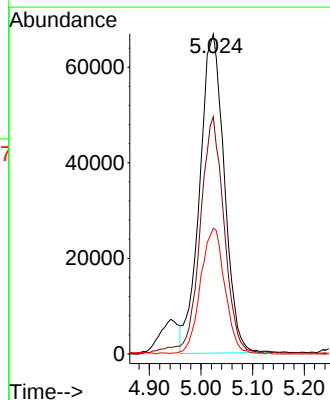
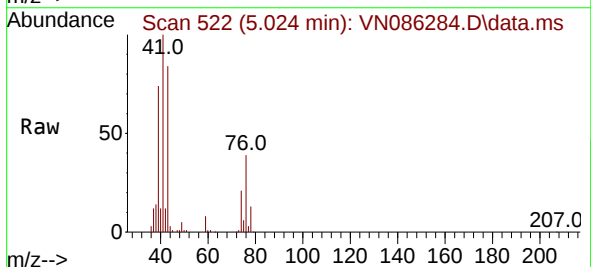
Tgt Ion: 41 Resp: 220559

Ion Ratio Lower Upper

41 100

39 73.3 59.2 88.8

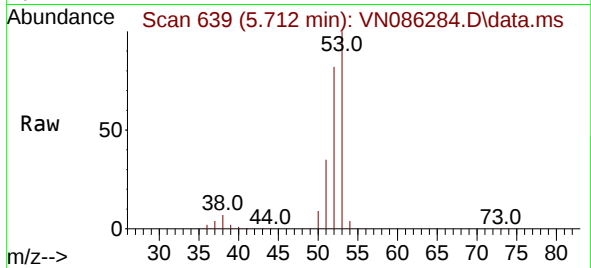
76 39.0 31.2 46.8





#15
Acrylonitrile
Concen: 244.312 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

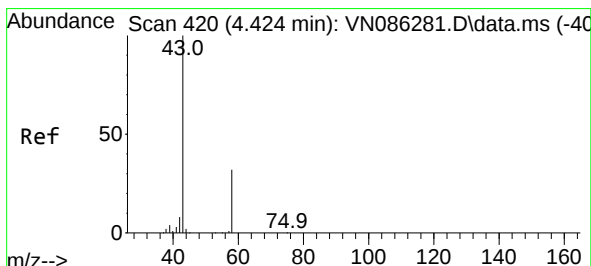
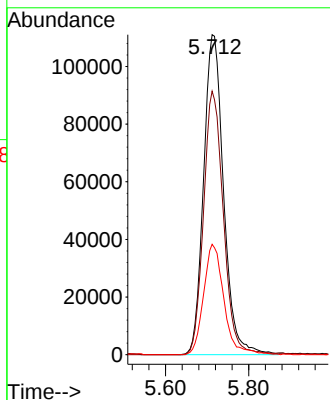
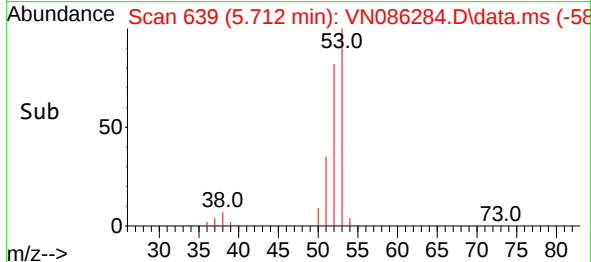
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 53 Resp: 372009
Ion Ratio Lower Upper
53 100
52 81.4 65.5 98.3
51 34.9 28.6 42.8

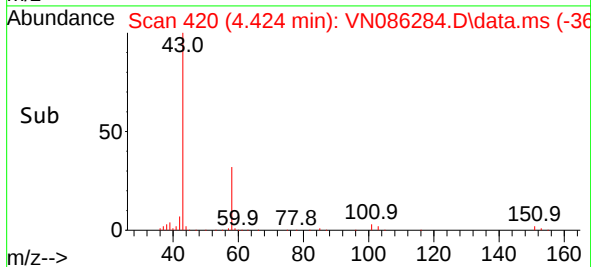
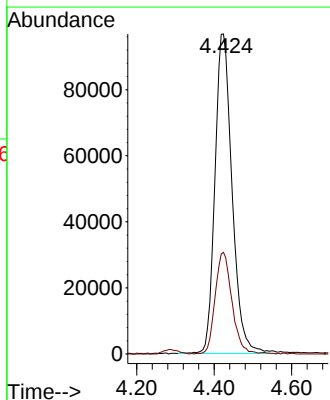
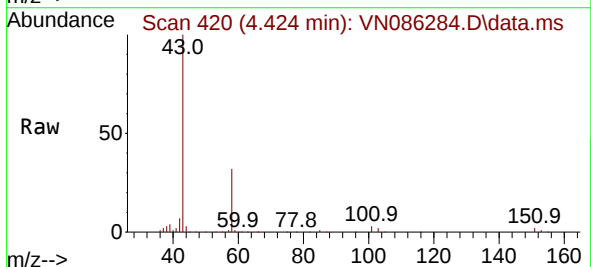
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#16
Acetone
Concen: 254.646 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

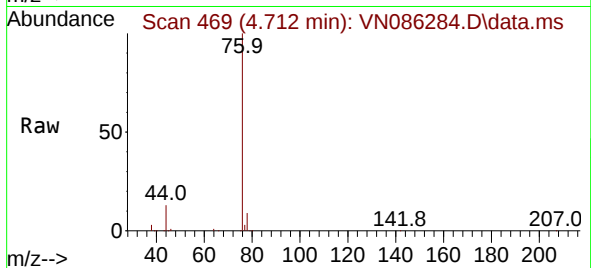
Tgt Ion: 43 Resp: 297097
Ion Ratio Lower Upper
43 100
58 31.6 25.3 37.9





#17
Carbon Disulfide
Concen: 43.983 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

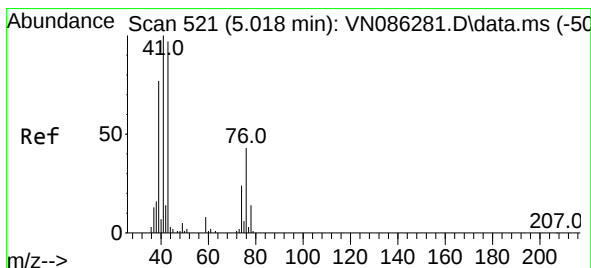
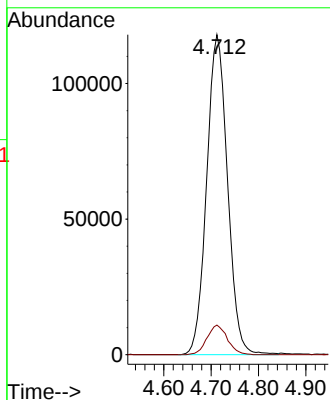
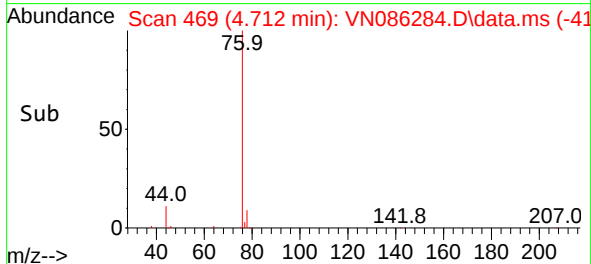
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 76 Resp: 36086
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

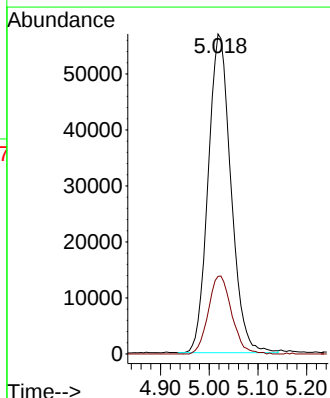
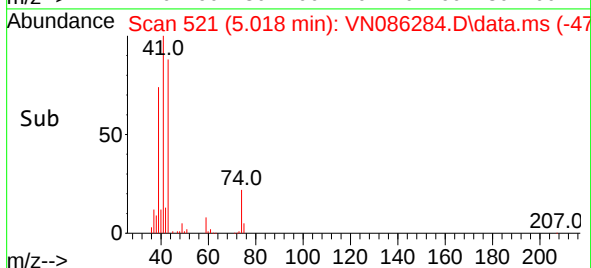
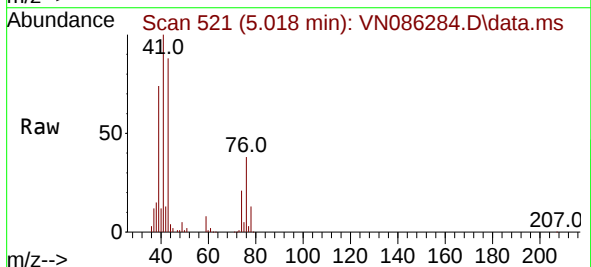
Manual Integrations
APPROVED

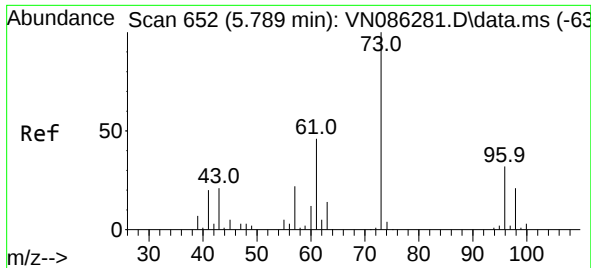
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#18
Methyl Acetate
Concen: 45.586 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 43 Resp: 184731
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 47.117 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

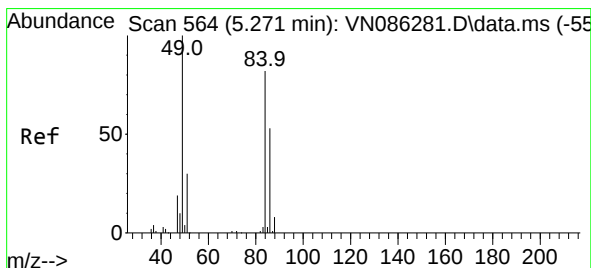
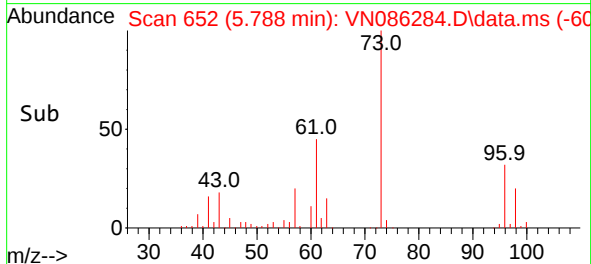
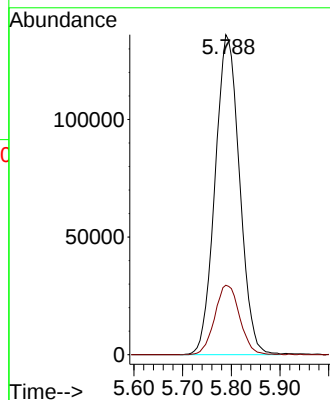
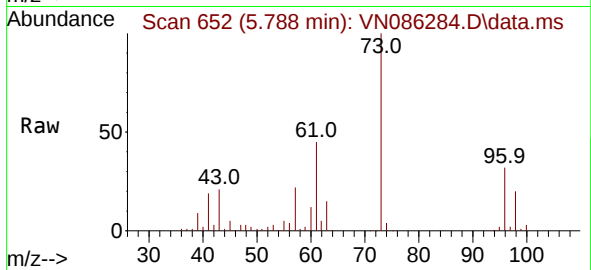
ICVVN041525

Tgt Ion: 73 Resp: 474584
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

Manual Integrations

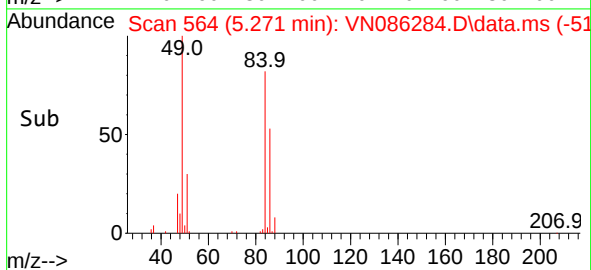
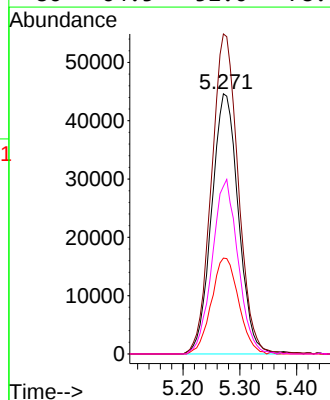
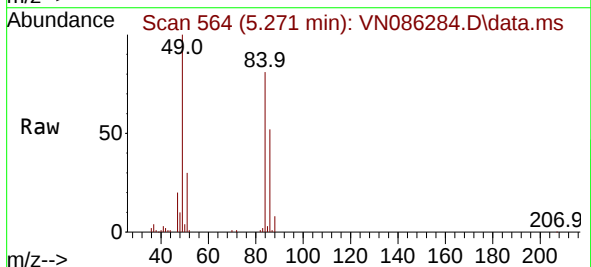
APPROVED

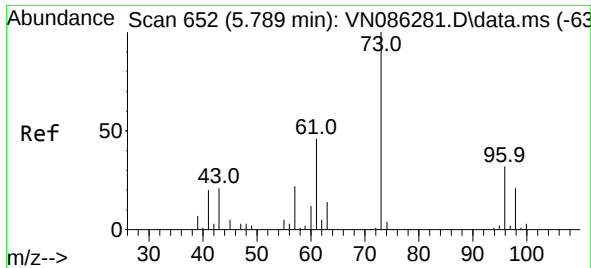
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#20
Methylene Chloride
Concen: 46.740 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

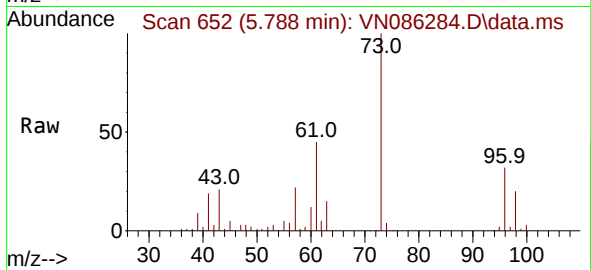
Tgt Ion: 84 Resp: 145872
Ion Ratio Lower Upper
84 100
49 123.0 98.2 147.2
51 36.9 29.8 44.6
86 64.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 46.960 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

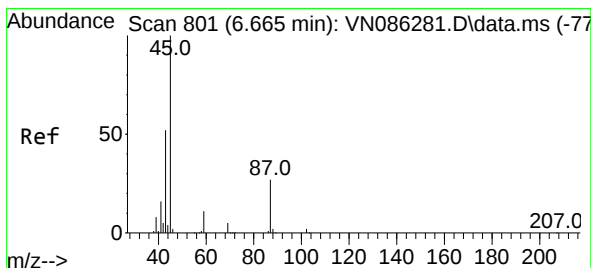
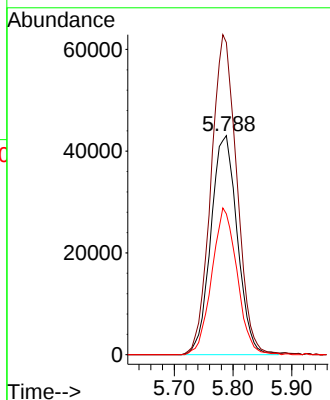
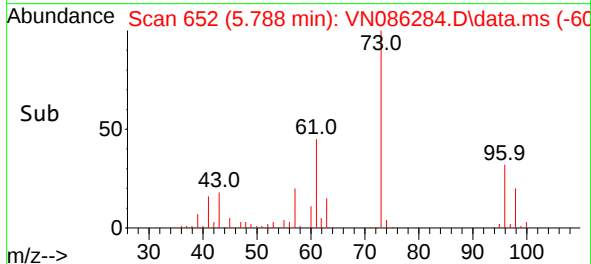
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



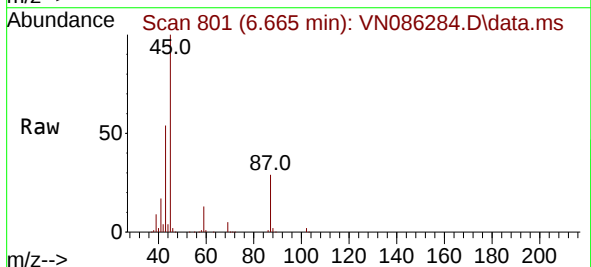
Tgt Ion: 96 Resp: 134520
Ion Ratio Lower Upper
96 100
61 142.5 114.6 171.8
98 64.3 51.2 76.8

Manual Integrations
APPROVED

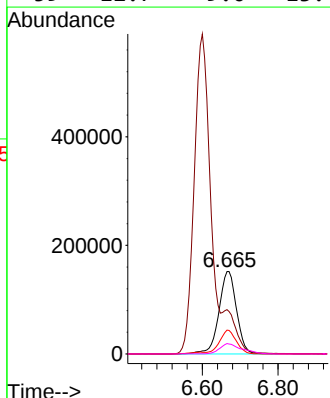
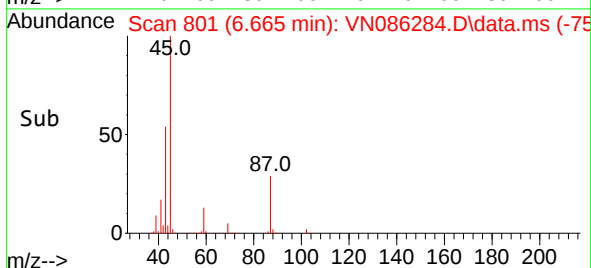
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

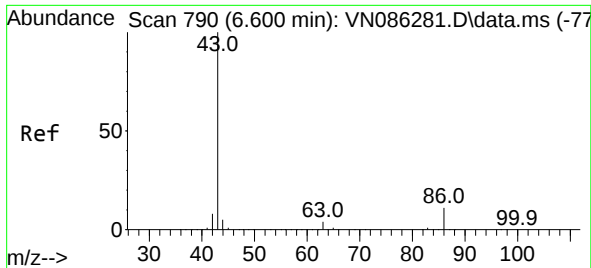


#22
Diisopropyl ether
Concen: 46.426 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



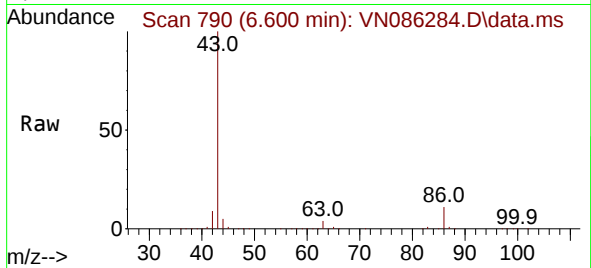
Tgt Ion: 45 Resp: 491946
Ion Ratio Lower Upper
45 100
43 53.2 41.8 62.8
87 28.9 21.6 32.4
59 12.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 234.680 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086284.D
 Acq: 15 Apr 2025 15:30

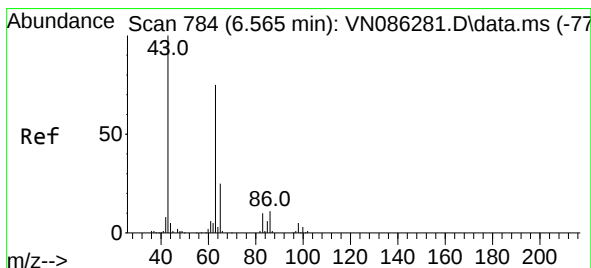
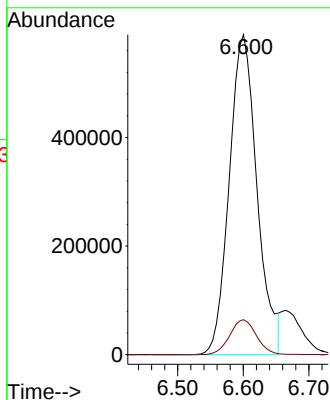
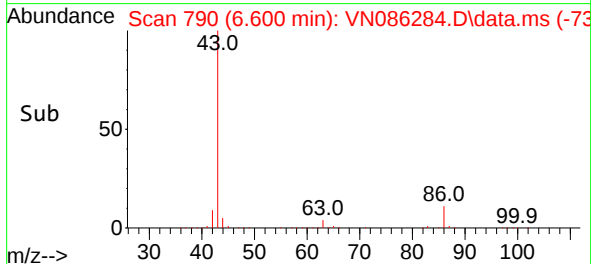
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN041525



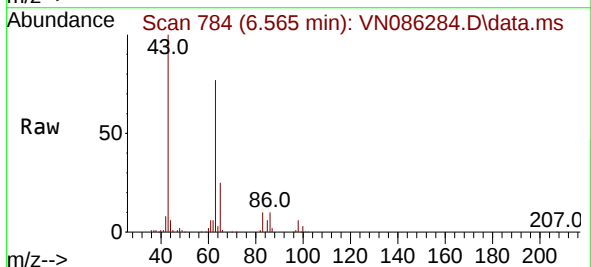
Tgt Ion: 43 Resp: 1738360
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

Manual Integrations
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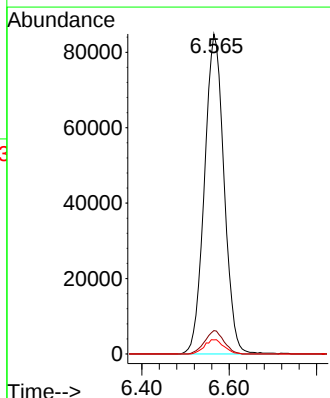
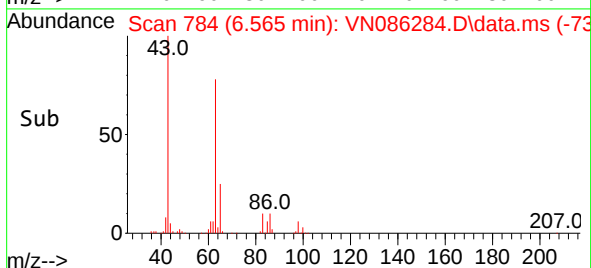
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#24
 1,1-Dichloroethane
 Concen: 47.277 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086284.D
 Acq: 15 Apr 2025 15:30



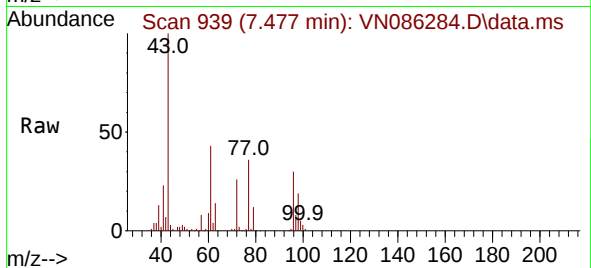
Tgt Ion: 63 Resp: 264324
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 238.732 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

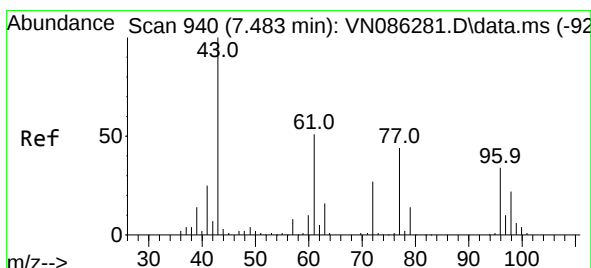
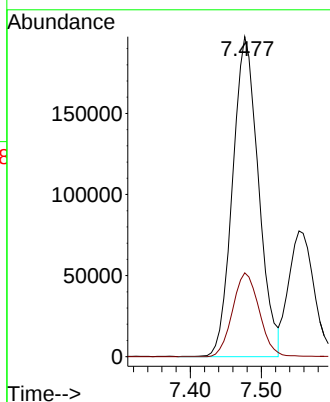
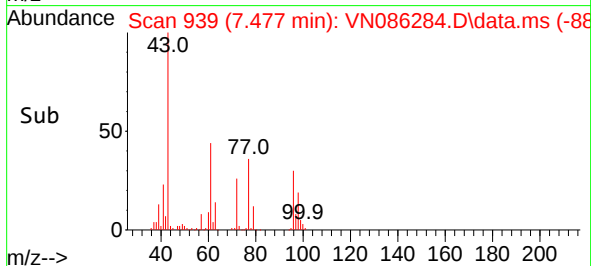
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



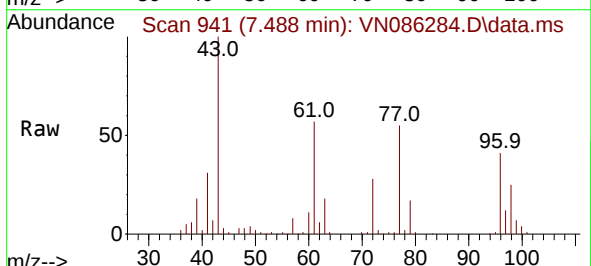
Tgt Ion: 43 Resp: 501652
Ion Ratio Lower Upper
43 100
72 26.2 21.7 32.5

Manual Integrations
APPROVED

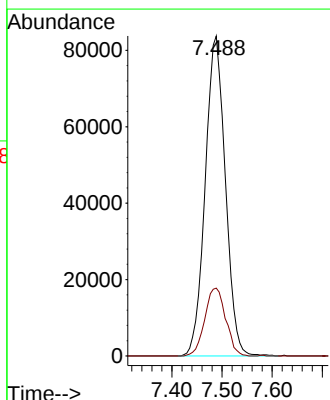
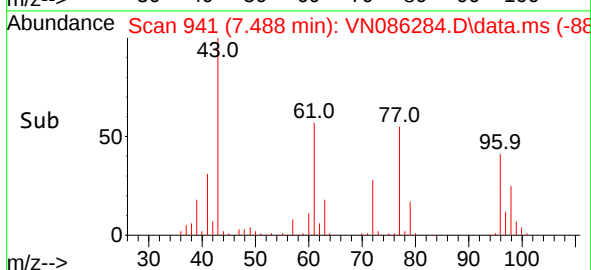
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

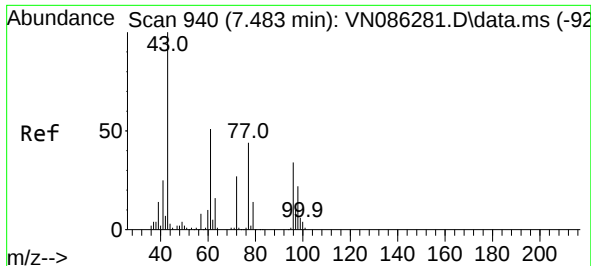


#26
2,2-Dichloropropane
Concen: 46.721 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



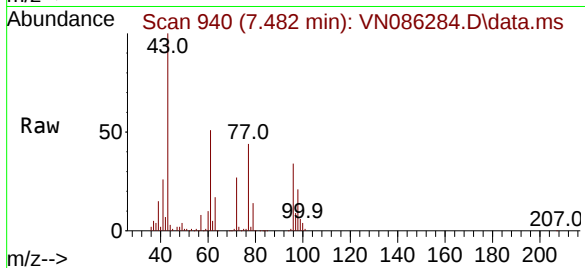
Tgt Ion: 77 Resp: 233882
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 47.105 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086284.D
 Acq: 15 Apr 2025 15:30

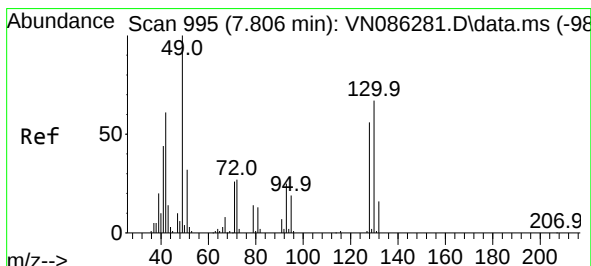
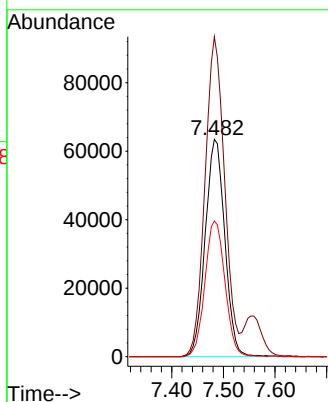
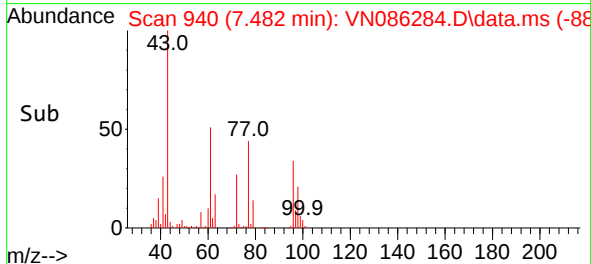
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041525



Tgt Ion: 96 Resp: 167485
 Ion Ratio Lower Upper
 96 100
 61 146.5 0.0 299.0
 98 63.7 0.0 129.6

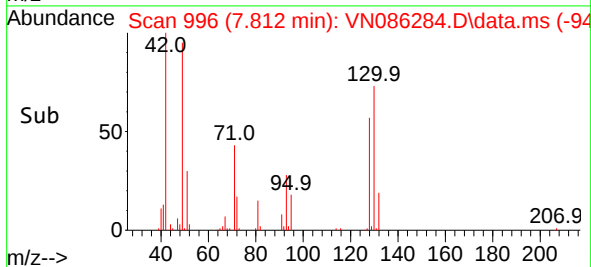
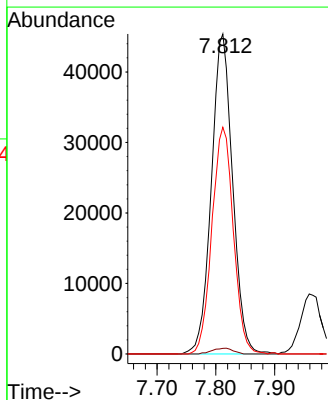
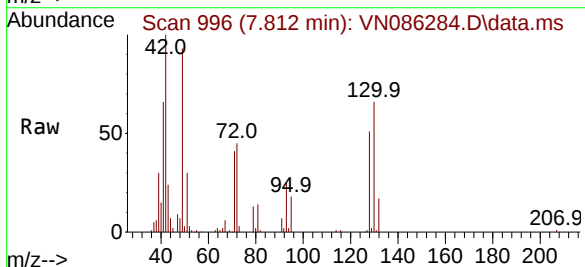
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#28
 Bromochloromethane
 Concen: 48.044 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086284.D
 Acq: 15 Apr 2025 15:30

Tgt Ion: 49 Resp: 113893
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 71.3 57.1 85.7





#29

Tetrahydrofuran

Concen: 232.296 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086284.D

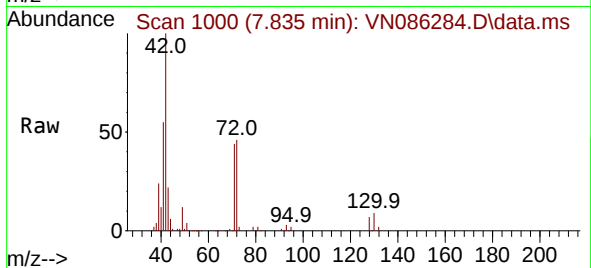
Acq: 15 Apr 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041525



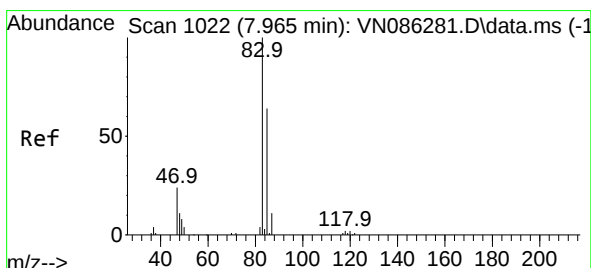
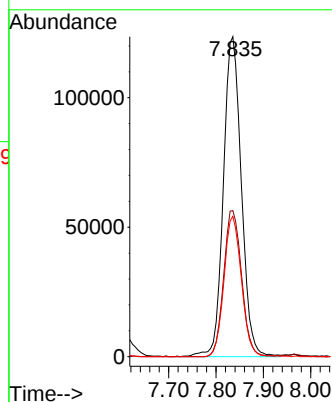
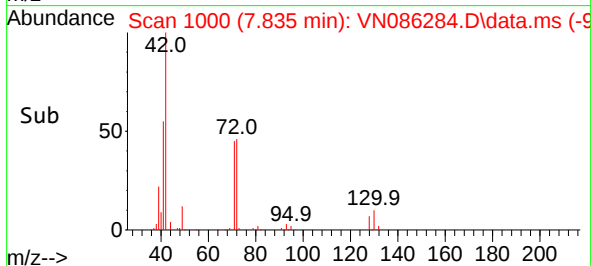
Tgt Ion:	42	Resp:	326414
Ion Ratio	100	Lower	Upper
42	100		
72	45.5	36.2	54.4
71	42.7	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#30

Chloroform

Concen: 47.047 ug/l

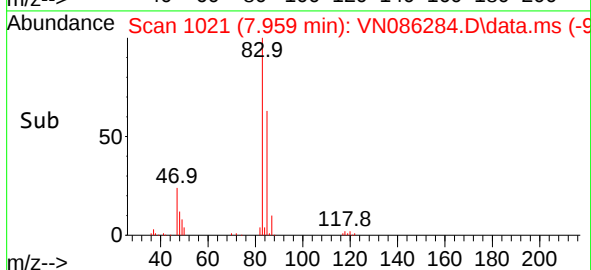
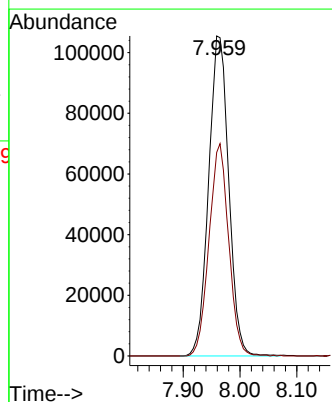
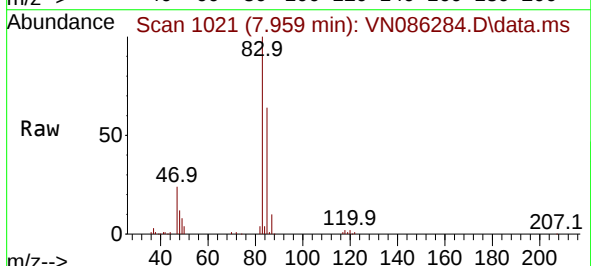
RT: 7.959 min Scan# 1021

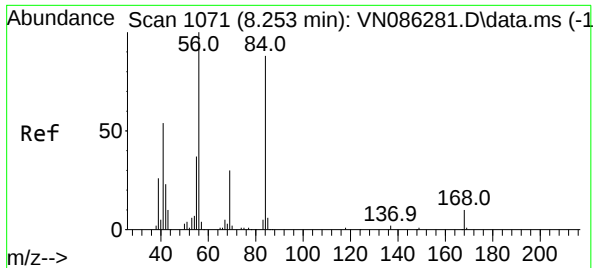
Delta R.T. -0.006 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

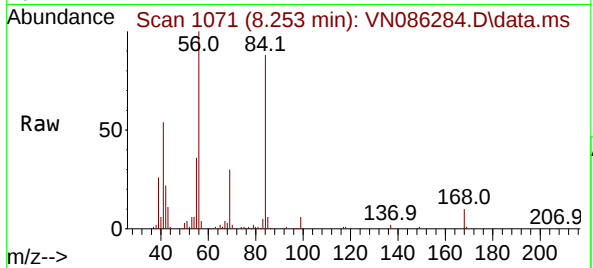
Tgt Ion:	83	Resp:	258393
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	51.5	77.3





#31
Cyclohexane
Concen: 45.162 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

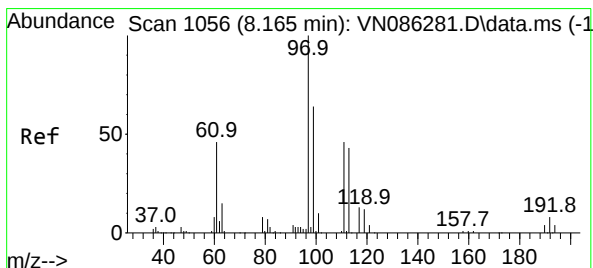
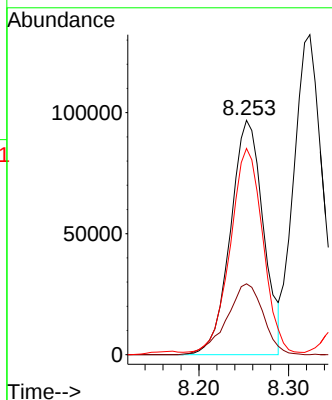
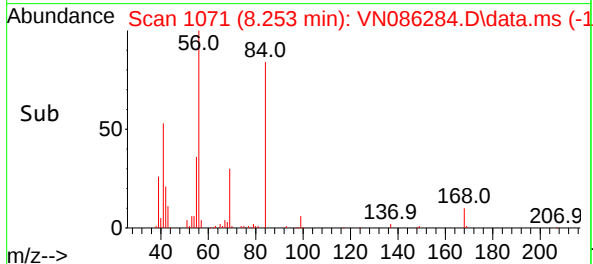
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 56 Resp: 24707
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 86.9 70.3 105.5

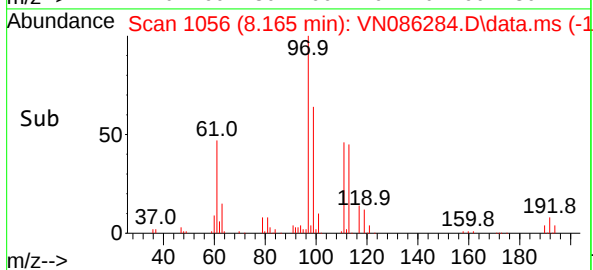
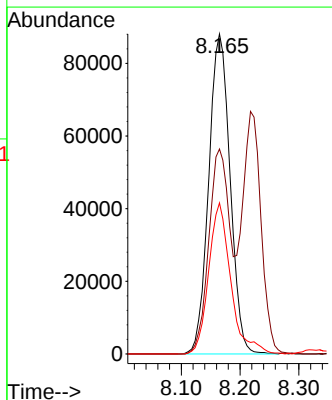
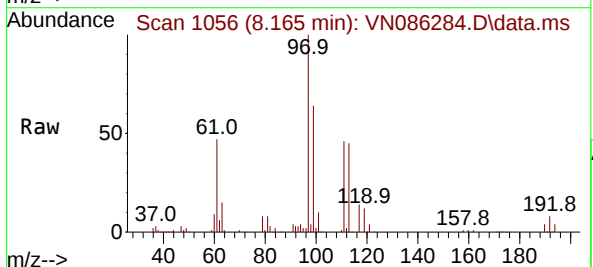
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#32
1,1,1-Trichloroethane
Concen: 47.385 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 97 Resp: 222630
Ion Ratio Lower Upper
97 100
99 61.6 52.7 79.1
61 48.8 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 50.114 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041525

Tgt Ion: 65 Resp: 16918

Ion Ratio Lower Upper

65 100

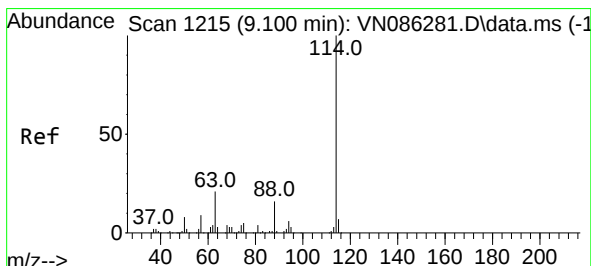
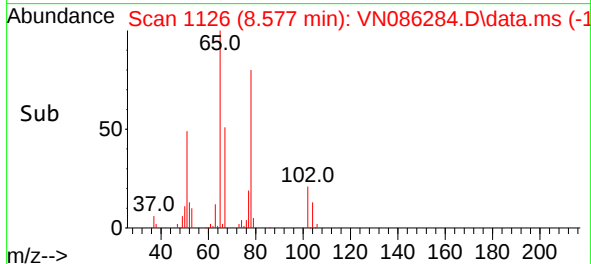
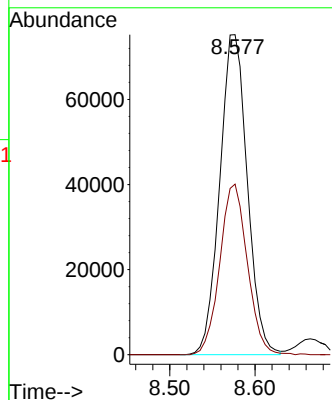
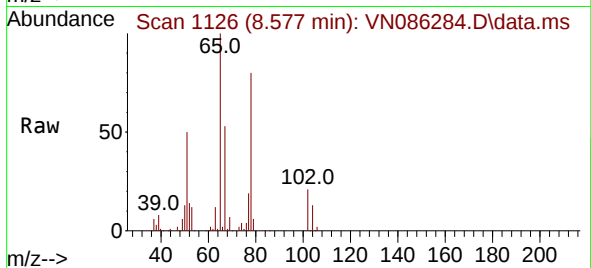
67 53.2 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

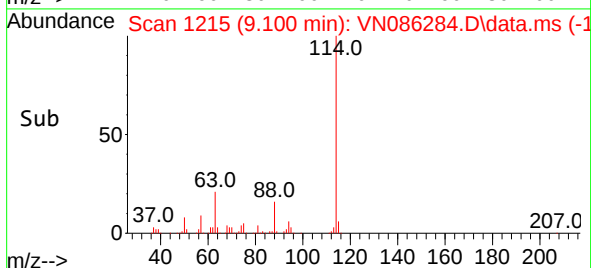
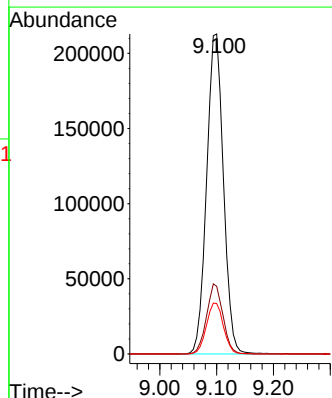
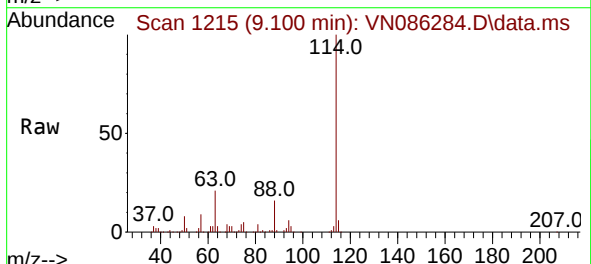
Tgt Ion:114 Resp: 435528

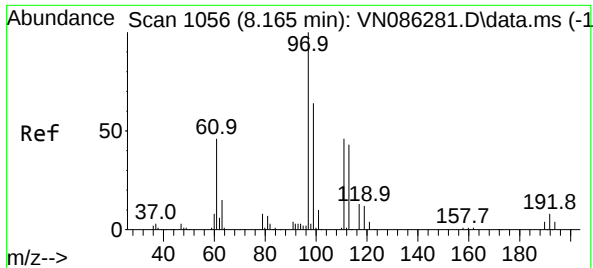
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

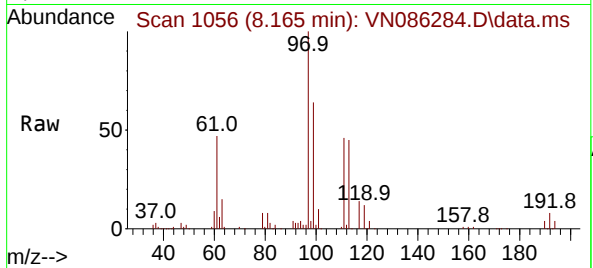
88 15.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 47.865 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

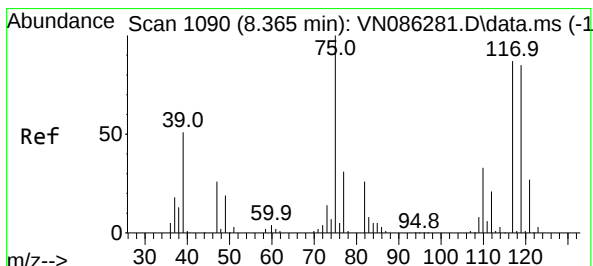
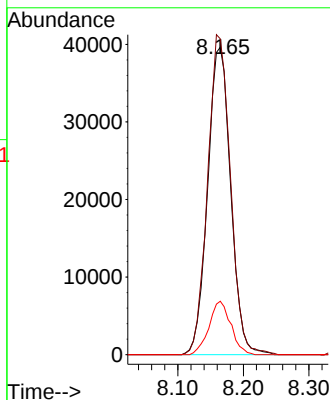
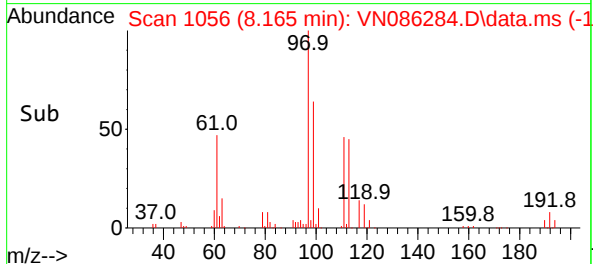
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



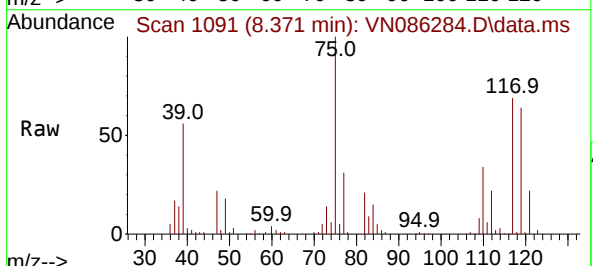
Tgt Ion: 113 Resp: 9675
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.0
192 16.5 13.7 20.5

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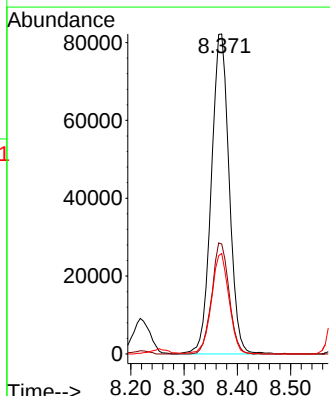
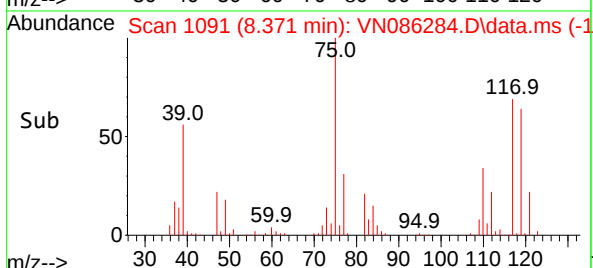
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

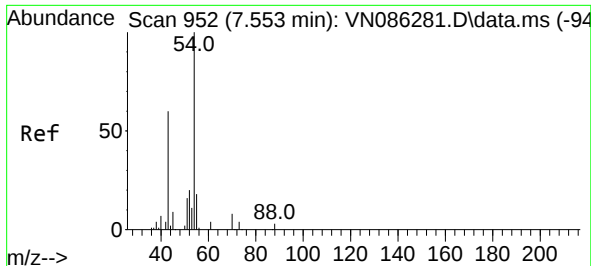


#36
1,1-Dichloropropene
Concen: 47.382 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



Tgt Ion: 75 Resp: 191295
Ion Ratio Lower Upper
75 100
110 33.8 16.8 50.4
77 31.0 24.9 37.3





#37

Ethyl Acetate

Concen: 45.984 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041525

Tgt Ion: 43 Resp: 19545

Ion Ratio Lower Upper

43 100

61 14.0 11.1 16.7

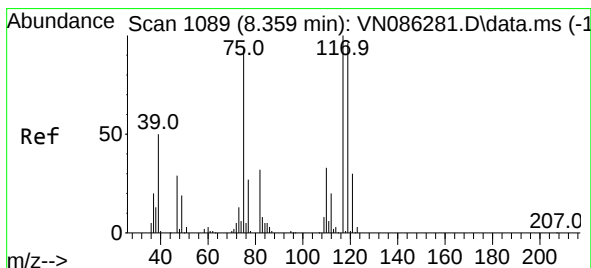
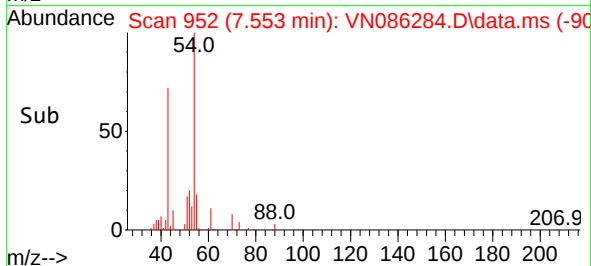
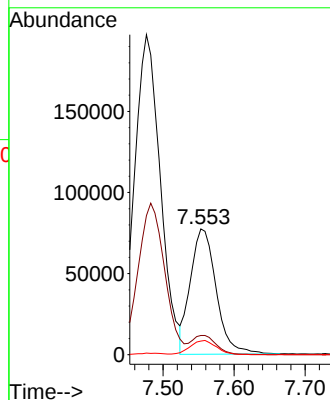
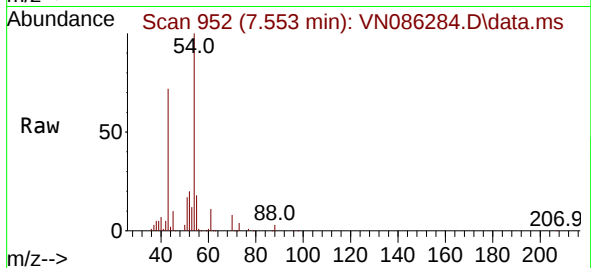
70 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#38

Carbon Tetrachloride

Concen: 47.475 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

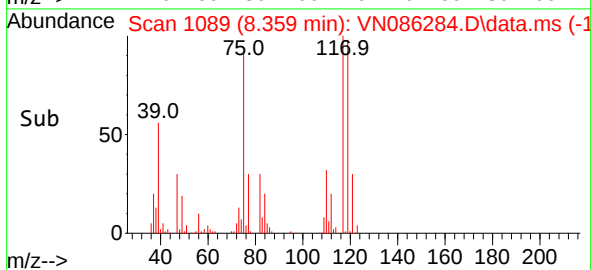
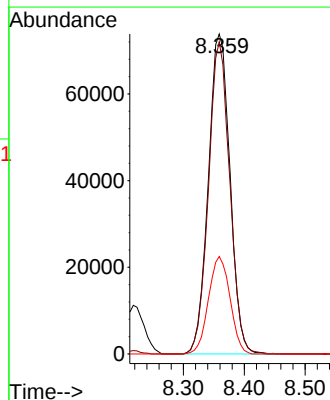
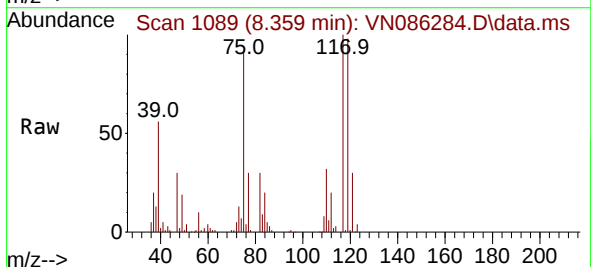
Tgt Ion:117 Resp: 182531

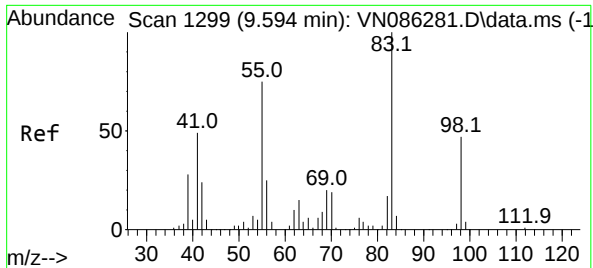
Ion Ratio Lower Upper

117 100

119 97.6 76.8 115.2

121 30.5 23.8 35.8





#39

Methylcyclohexane

Concen: 45.902 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041525

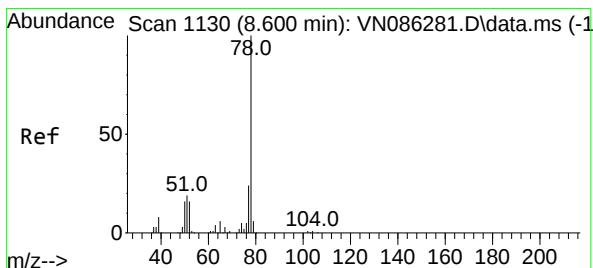
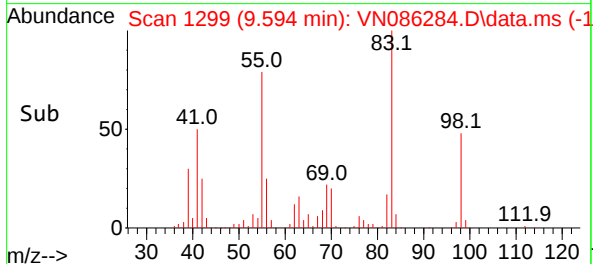
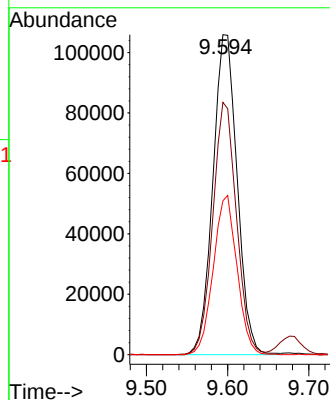
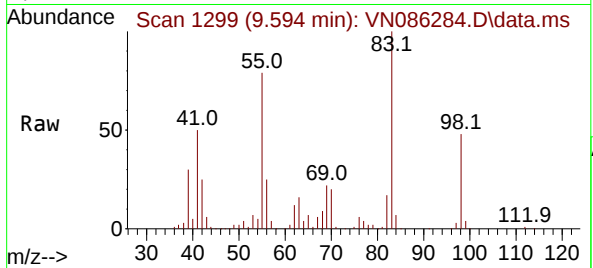
Tgt Ion: 83 Resp: 220275
 Ion Ratio Lower Upper
 83 100
 55 78.7 59.8 89.8
 98 48.1 37.9 56.9

Manual Integrations

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Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#40

Benzene

Concen: 47.168 ug/l

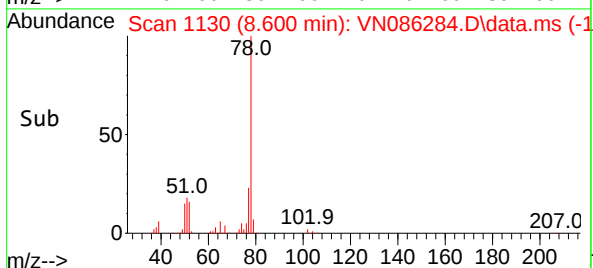
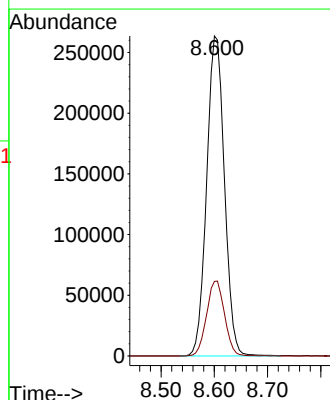
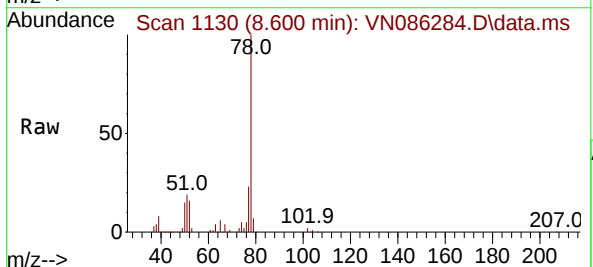
RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

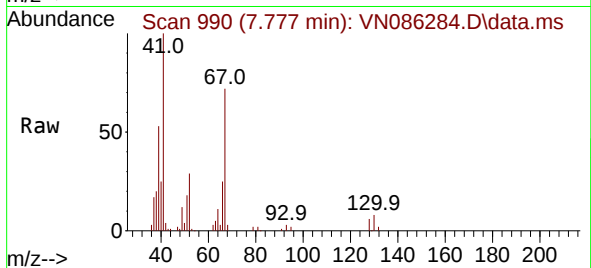
Tgt Ion: 78 Resp: 610128
 Ion Ratio Lower Upper
 78 100
 77 23.3 19.4 29.2





#41
Methacrylonitrile
Concen: 45.892 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

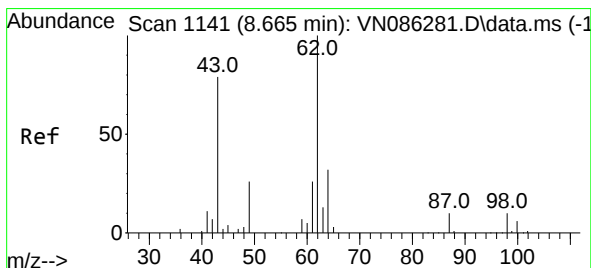
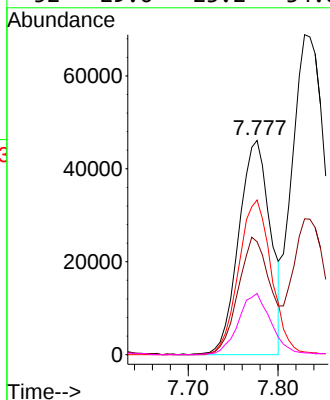
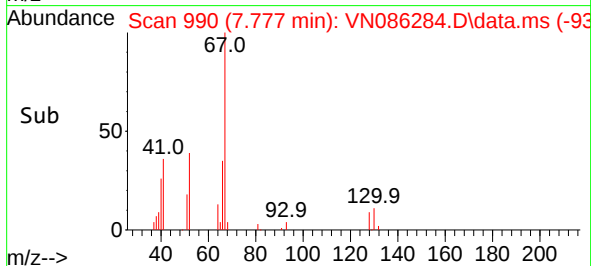
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 41 Resp: 113052
Ion Ratio Lower Upper
41 100
39 54.9 43.0 64.4
67 75.1 58.8 88.2
52 29.6 23.2 34.8

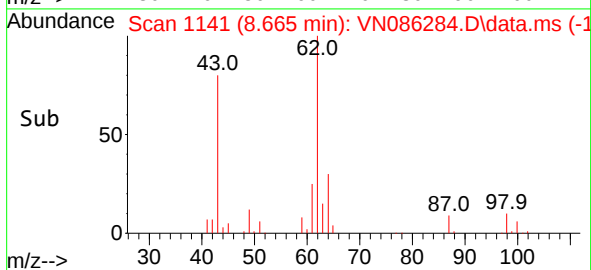
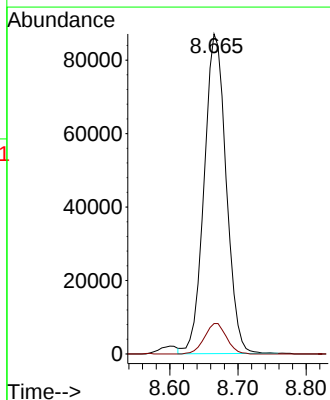
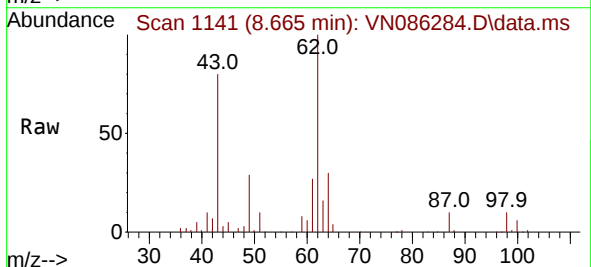
Manual Integrations
APPROVED

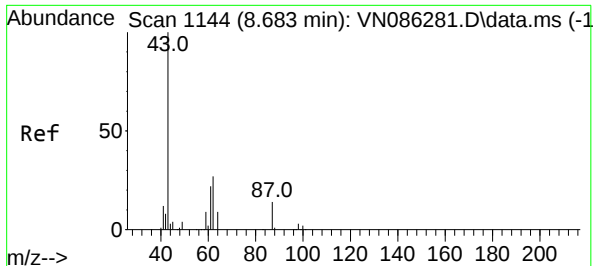
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#42
1,2-Dichloroethane
Concen: 47.496 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

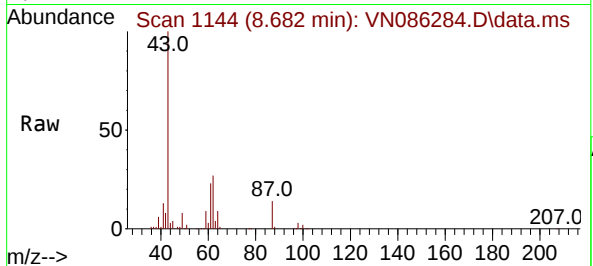
Tgt Ion: 62 Resp: 195922
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2





#43
Isopropyl Acetate
Concen: 48.649 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

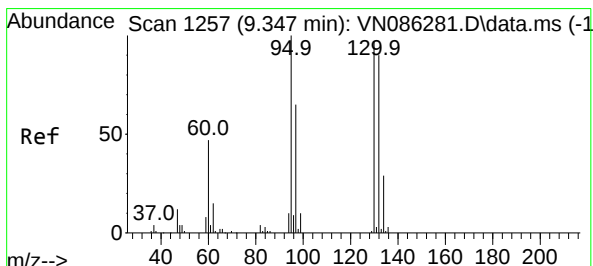
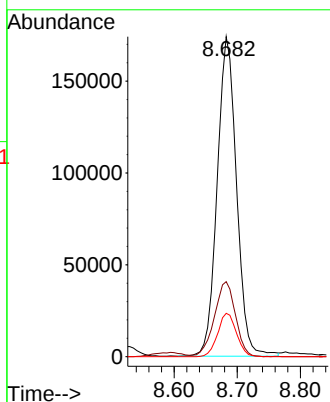
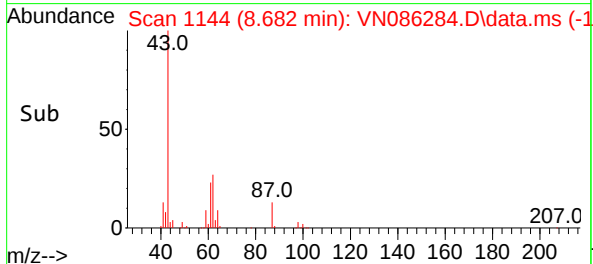
Instrument : MSVOA_N
ClientSampleId : ICVVN041525



Tgt Ion: 43 Resp: 370579
Ion Ratio Lower Upper
43 100
61 25.6 20.5 30.7
87 13.2 10.5 15.7

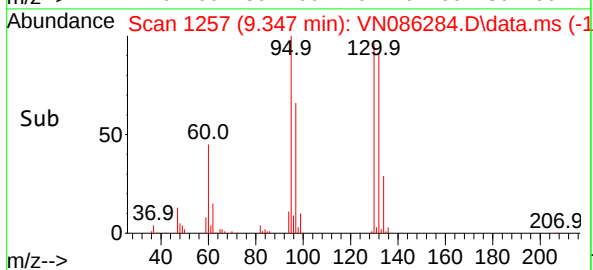
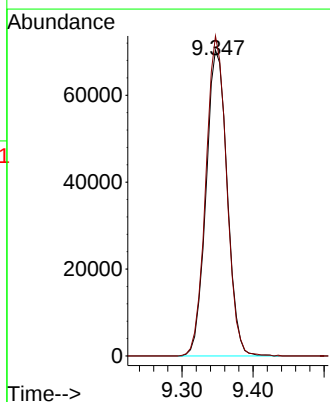
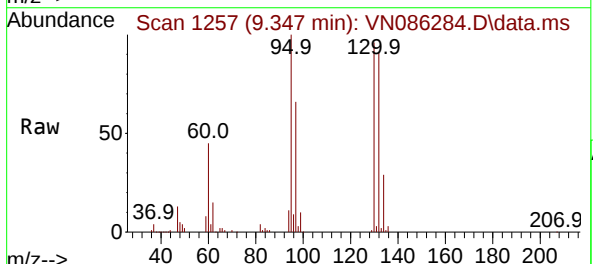
Manual Integrations
APPROVED

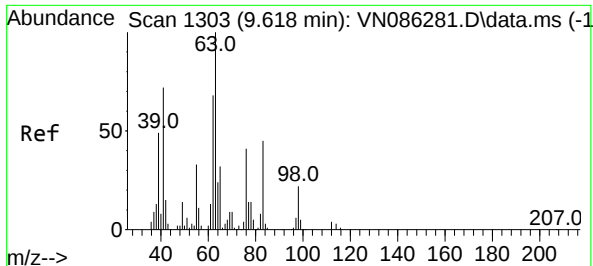
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#44
Trichloroethene
Concen: 47.403 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:130 Resp: 145334
Ion Ratio Lower Upper
130 100
95 104.6 0.0 207.2





#45

1,2-Dichloropropane

Concen: 47.302 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086284.D

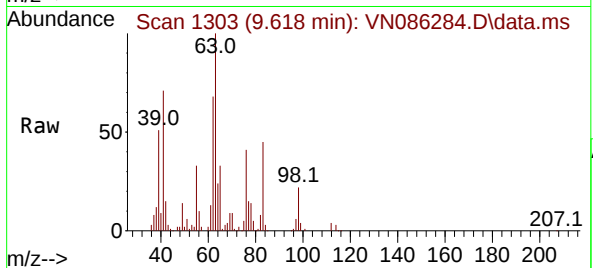
Acq: 15 Apr 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041525



Tgt Ion: 63 Resp: 149775

Ion Ratio Lower Upper

63 100

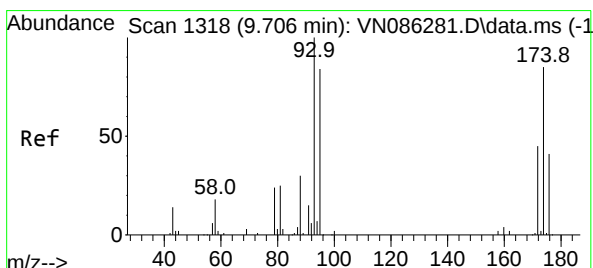
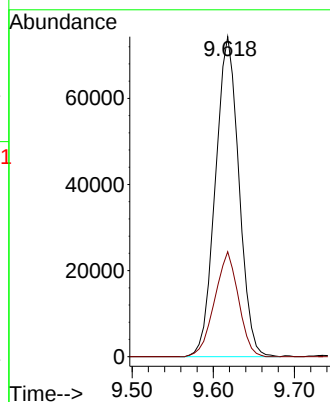
65 32.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#46

Dibromomethane

Concen: 48.772 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

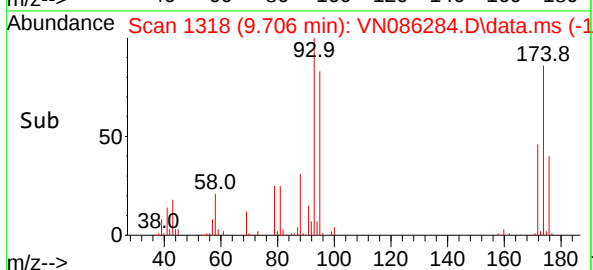
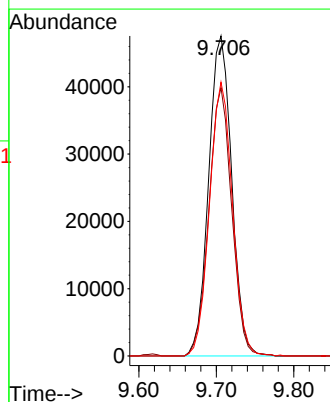
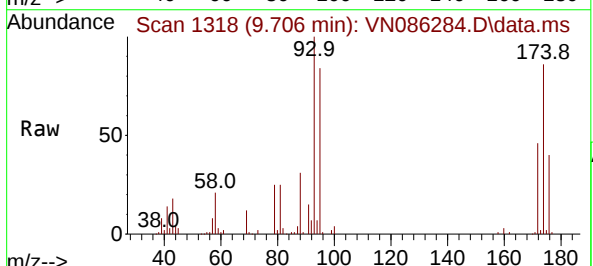
Tgt Ion: 93 Resp: 98395

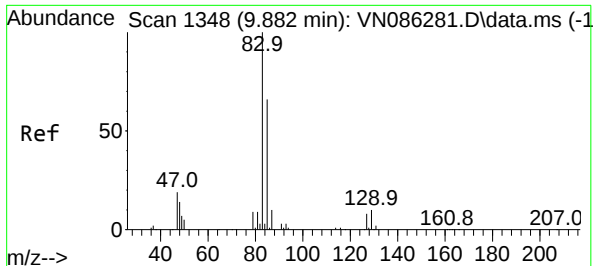
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

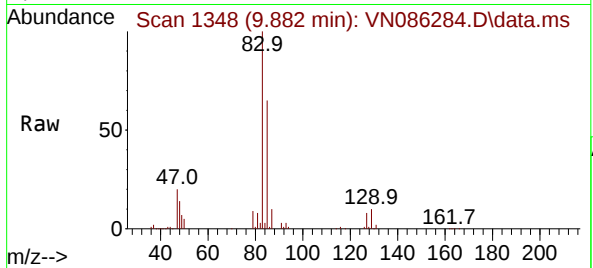
174 85.1 67.8 101.6





#47
Bromodichloromethane
Concen: 47.682 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

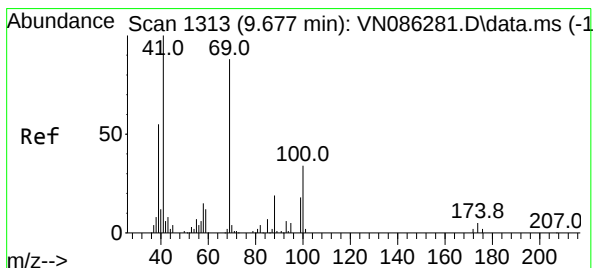
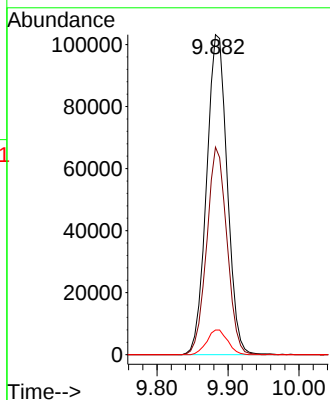
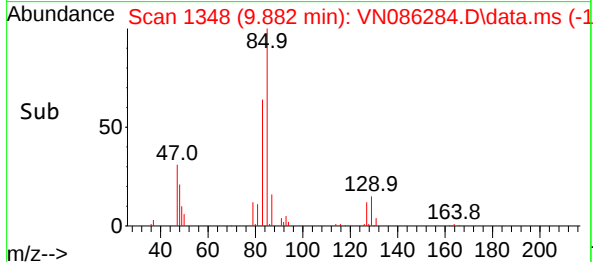
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



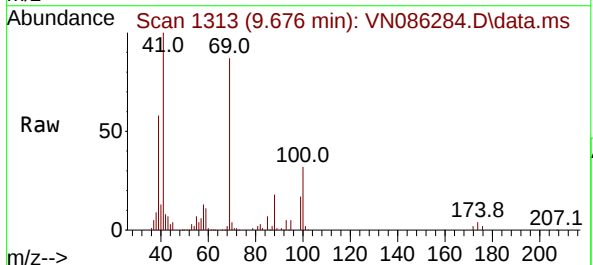
Tgt Ion: 83 Resp: 20776
Ion Ratio Lower Upper
83 100
85 64.9 52.6 78.8
127 7.7 6.1 9.1

Manual Integrations
APPROVED

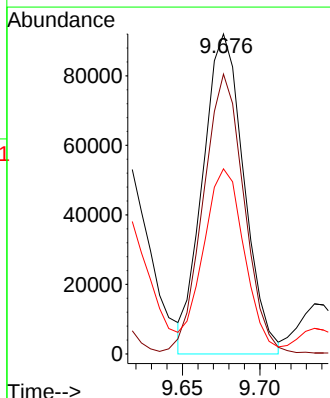
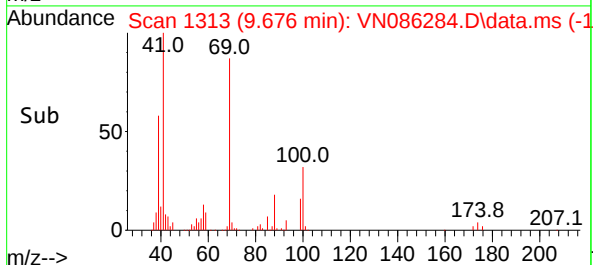
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

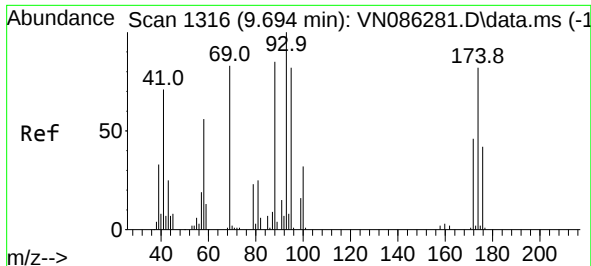


#48
Methyl methacrylate
Concen: 45.546 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



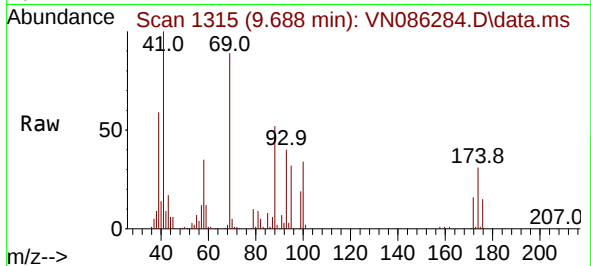
Tgt Ion: 41 Resp: 170007
Ion Ratio Lower Upper
41 100
69 87.5 68.2 102.2
39 58.2 45.2 67.8





#49
1,4-Dioxane
Concen: 929.893 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

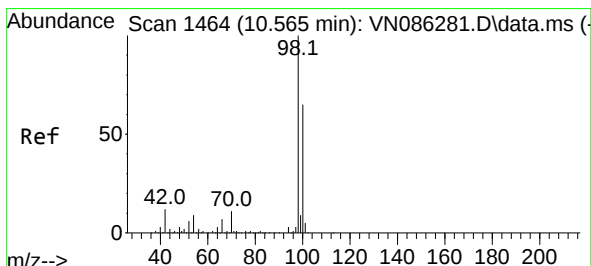
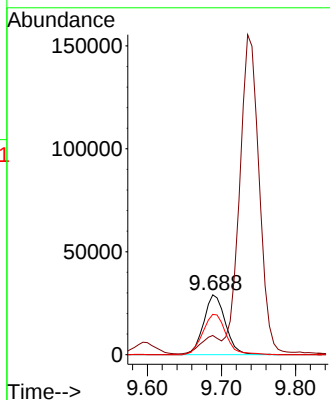
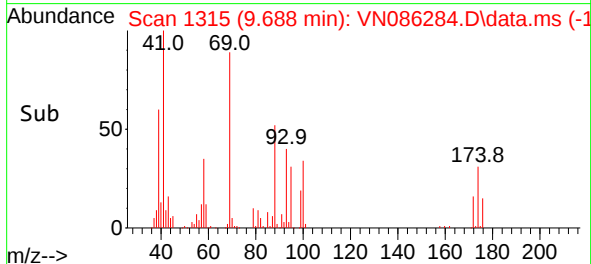
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 88 Resp: 59040
Ion Ratio Lower Upper
88 100
43 27.8 23.8 35.8
58 72.2 57.4 86.2

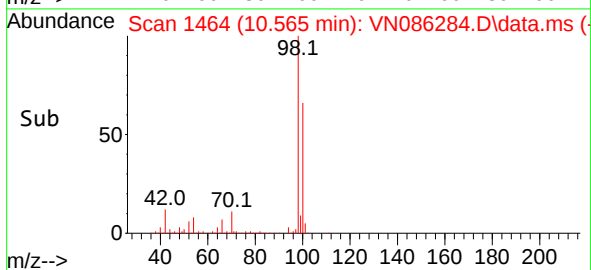
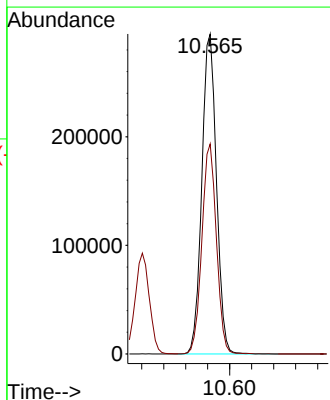
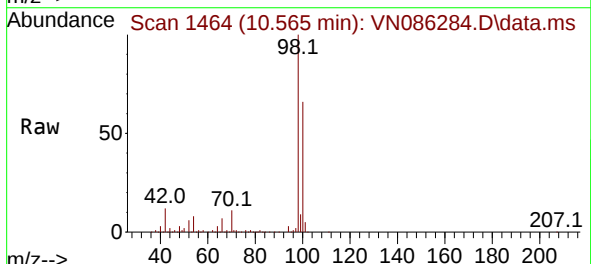
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#50
Toluene-d8
Concen: 50.251 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

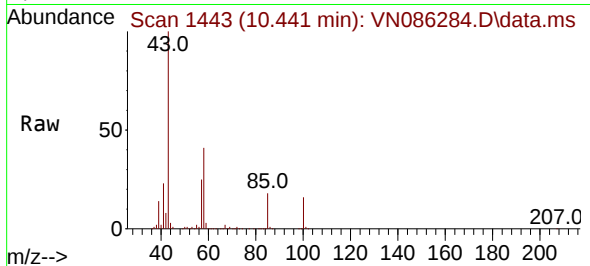
Tgt Ion: 98 Resp: 542858
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 238.220 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

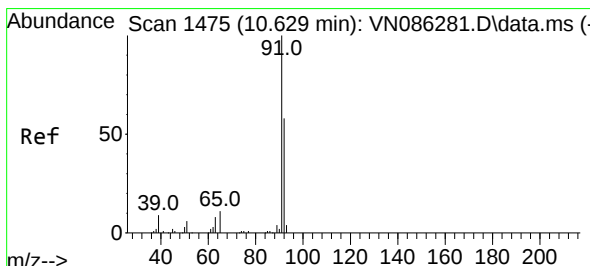
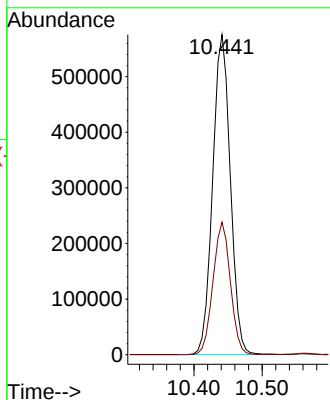
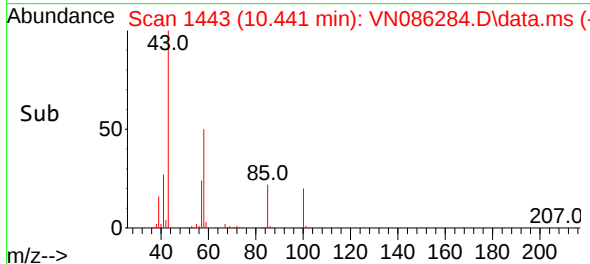
Instrument : MSVOA_N
ClientSampleId : ICVVN041525



Tgt Ion: 43 Resp: 1036849
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.4

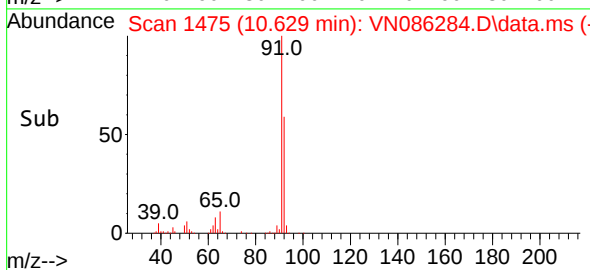
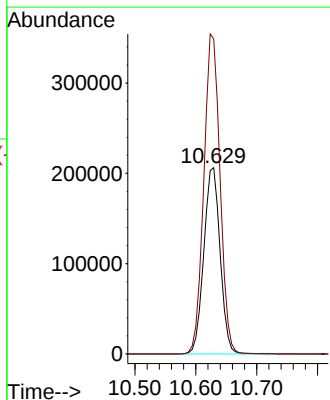
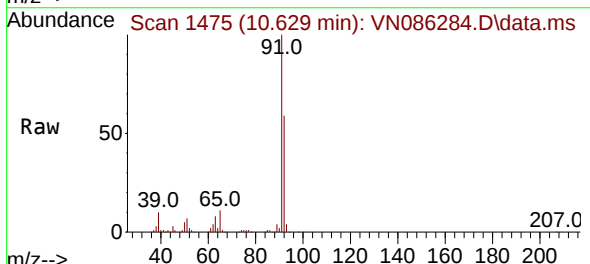
Manual Integrations
APPROVED

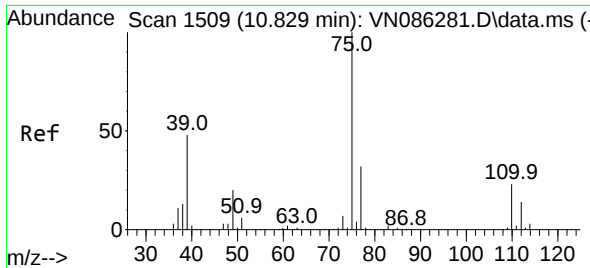
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#52
Toluene
Concen: 47.453 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

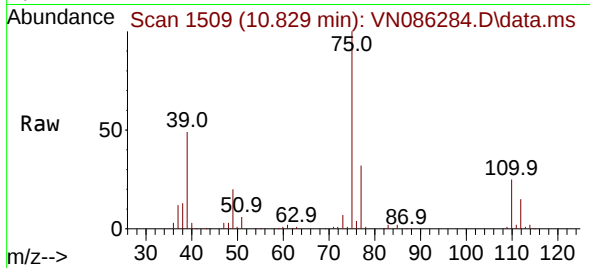
Tgt Ion: 92 Resp: 383010
Ion Ratio Lower Upper
92 100
91 171.3 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 48.360 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

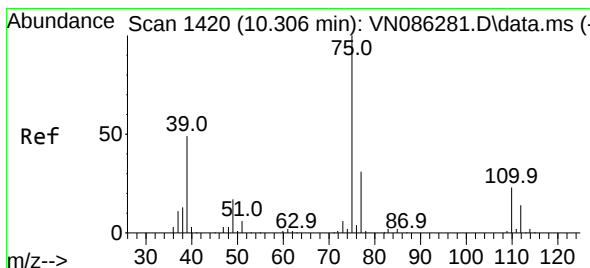
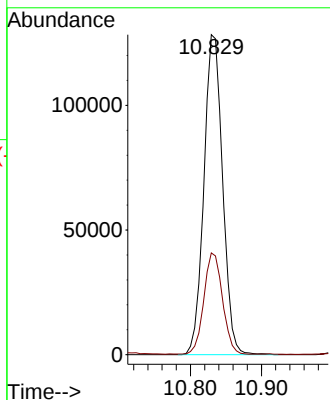
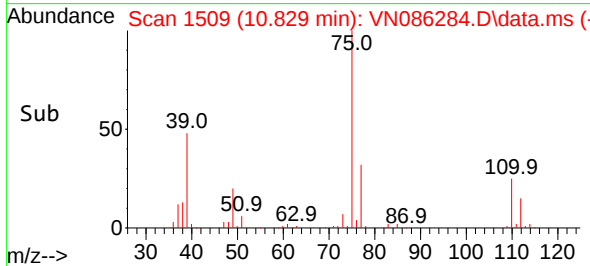
Instrument : MSVOA_N
ClientSampleId : ICVVN041525



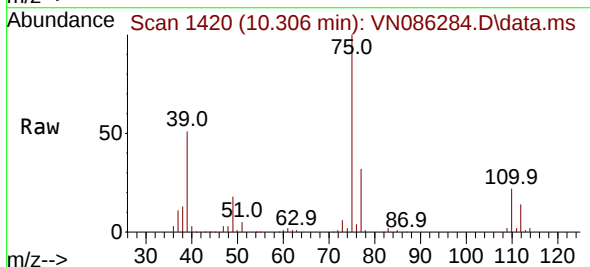
Tgt Ion: 75 Resp: 23522
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

Manual Integrations
APPROVED

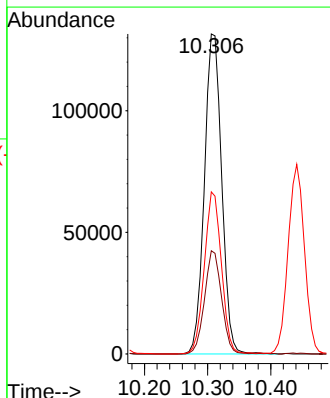
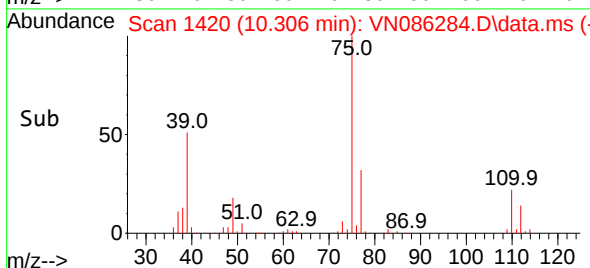
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

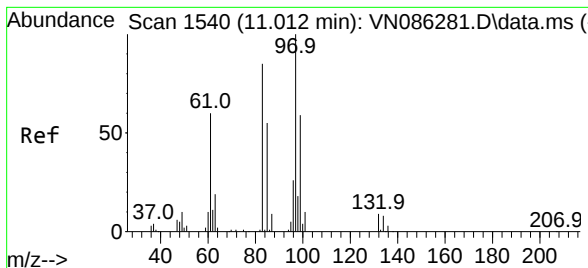


#54
cis-1,3-Dichloropropene
Concen: 46.923 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



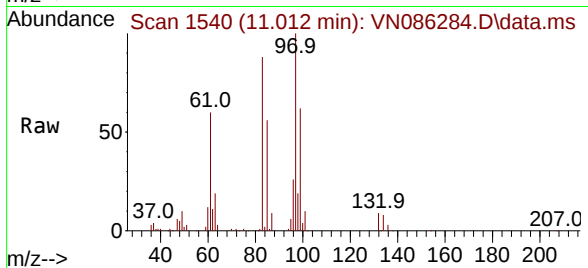
Tgt Ion: 75 Resp: 250676
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
39 50.7 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 46.911 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

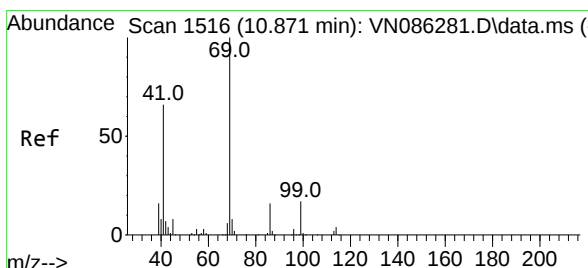
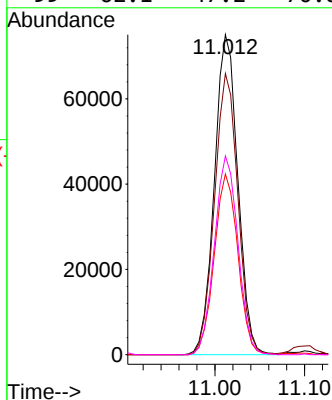
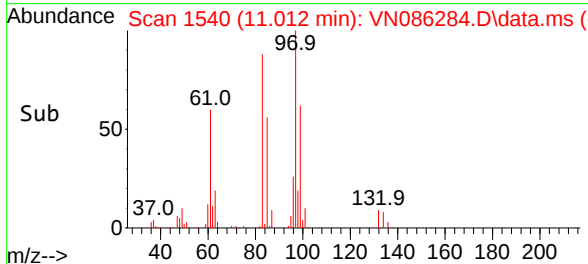
Instrument : MSVOA_N
ClientSampleId : ICVVN041525



Tgt Ion: 97 Resp: 136227
Ion Ratio Lower Upper
97 100
83 87.9 68.4 102.6
85 56.5 43.9 65.9
99 62.1 47.2 70.8

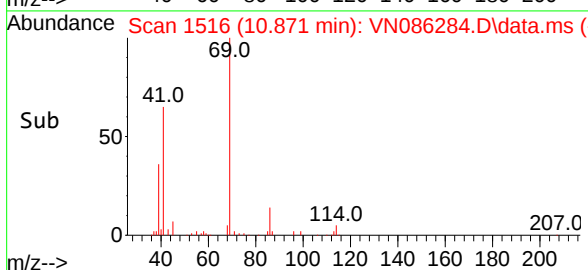
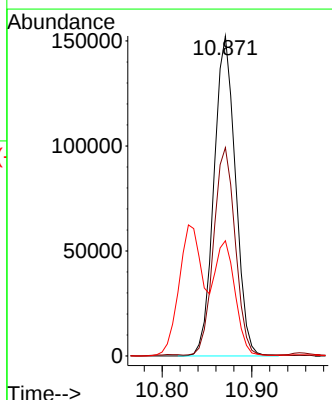
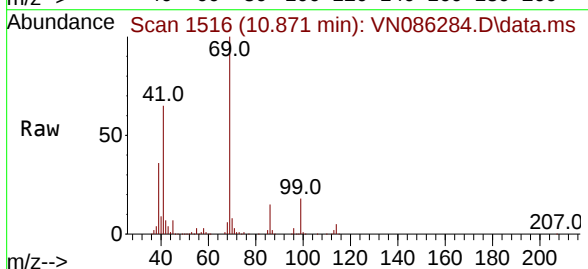
Manual Integrations
APPROVED

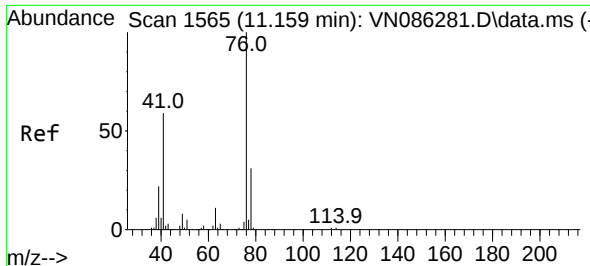
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#56
Ethyl methacrylate
Concen: 47.414 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

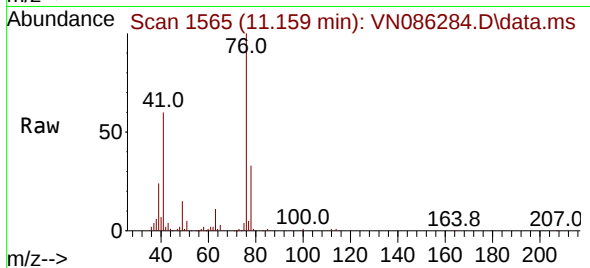
Tgt Ion: 69 Resp: 253092
Ion Ratio Lower Upper
69 100
41 65.3 51.7 77.5
39 33.1 26.3 39.5





#57
1,3-Dichloropropane
Concen: 47.770 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

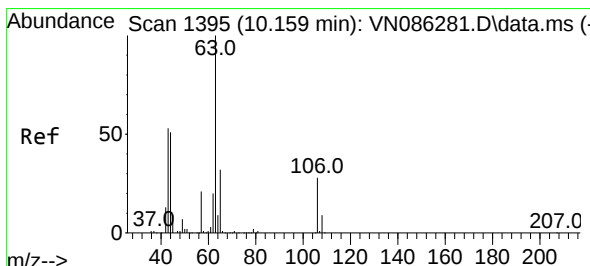
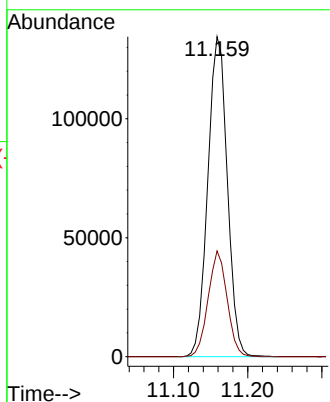
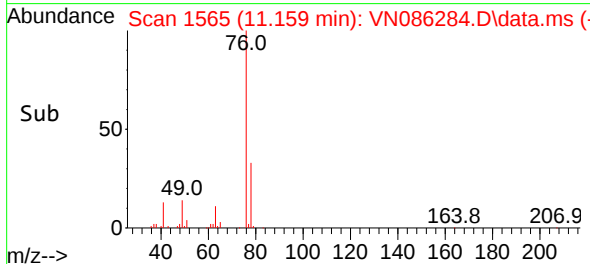
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



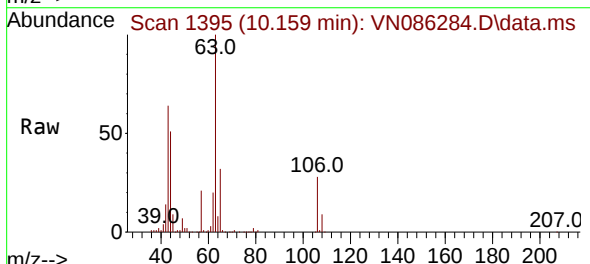
Tgt Ion: 76 Resp: 246129
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

Manual Integrations
APPROVED

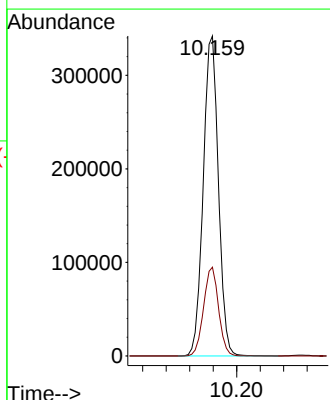
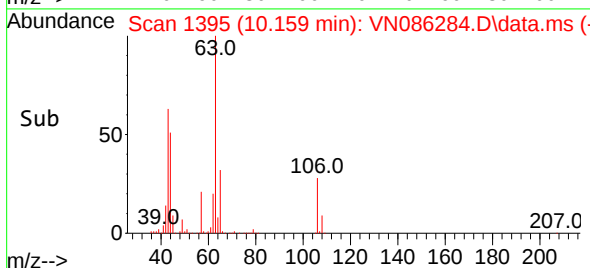
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

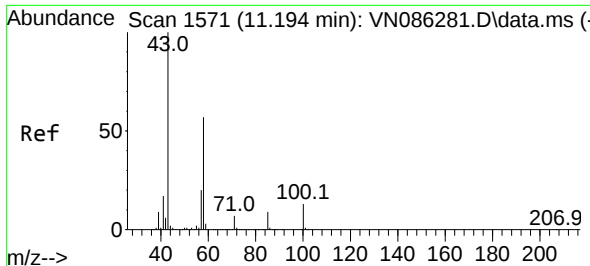


#58
2-Chloroethyl Vinyl ether
Concen: 241.924 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



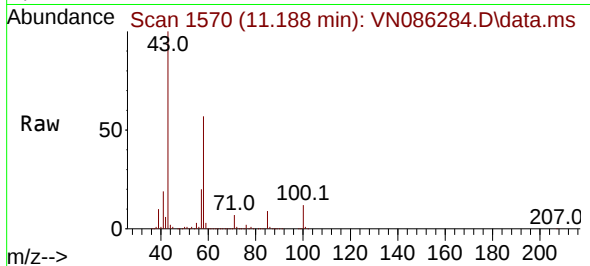
Tgt Ion: 63 Resp: 612932
Ion Ratio Lower Upper
63 100
106 27.4 22.2 33.2





#59
2-Hexanone
Concen: 235.364 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

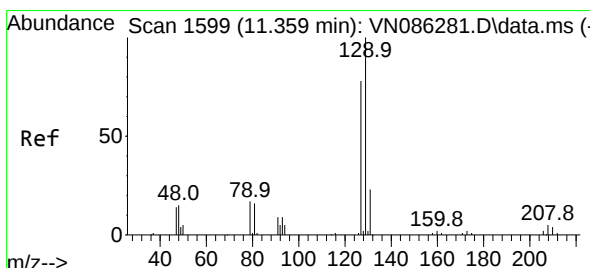
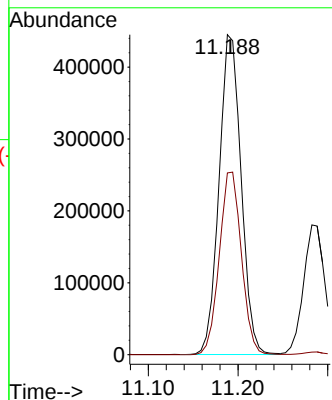
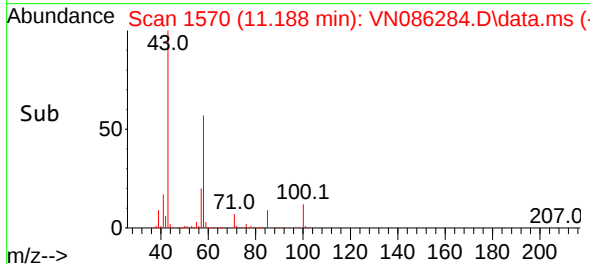
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 43 Resp: 759840
Ion Ratio Lower Upper
43 100
58 57.3 28.3 85.0

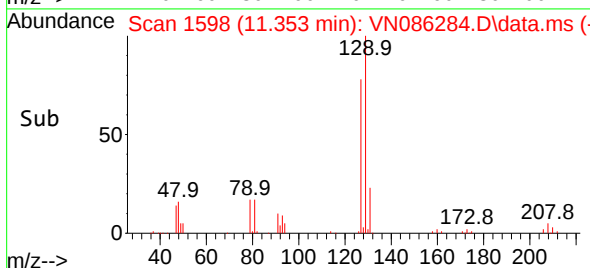
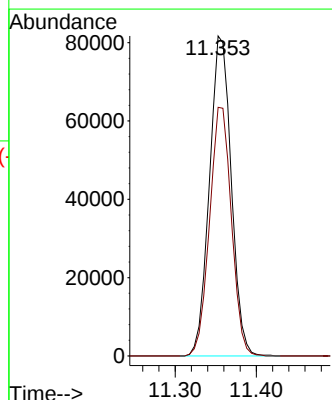
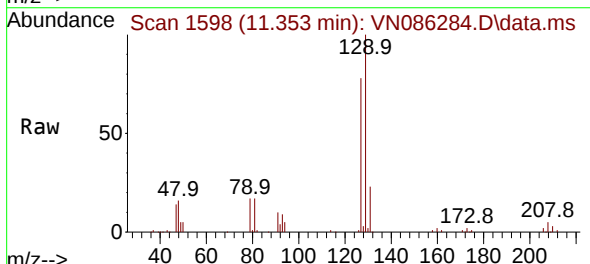
Manual Integrations
APPROVED

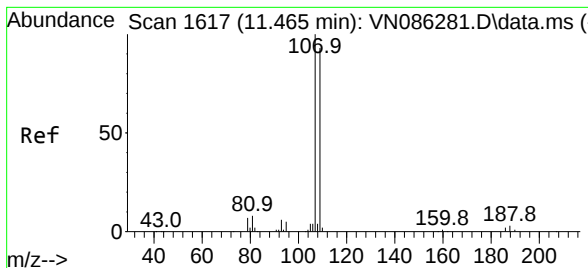
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#60
Dibromochloromethane
Concen: 47.767 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:129 Resp: 152321
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1





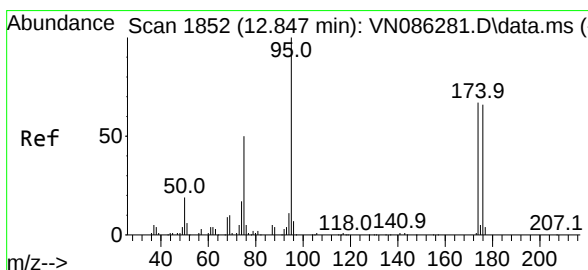
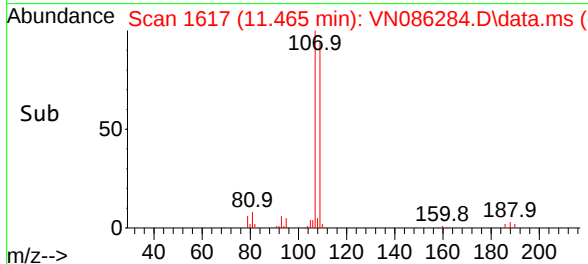
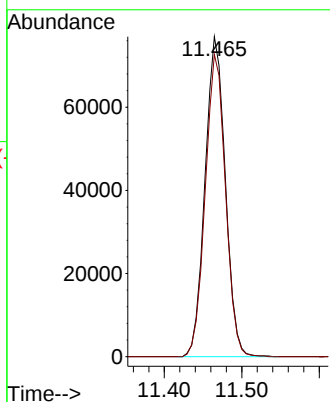
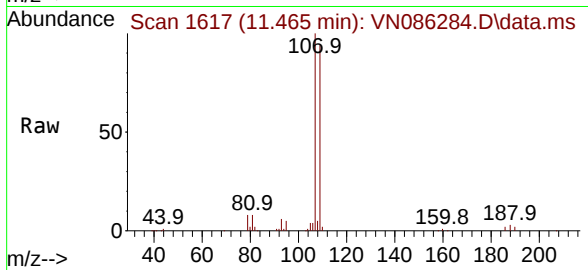
#61
1,2-Dibromoethane
Concen: 47.777 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Tgt Ion:107 Resp: 139994
Ion Ratio Lower Upper
107 100
109 94.1 75.4 113.0

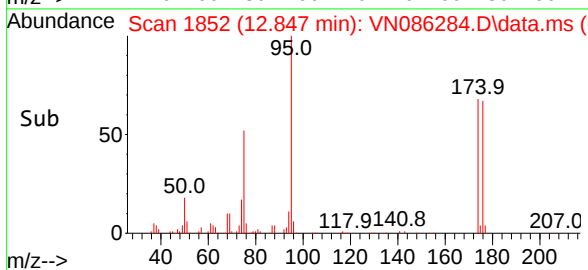
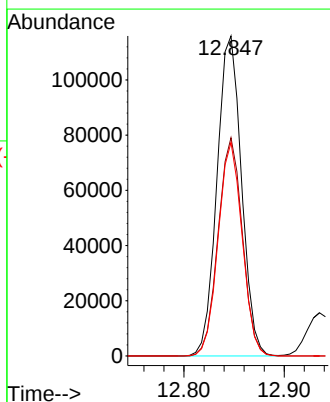
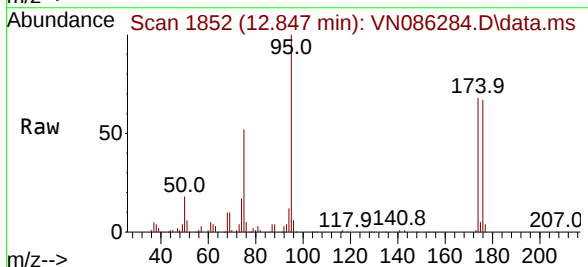
Manual Integrations
APPROVED

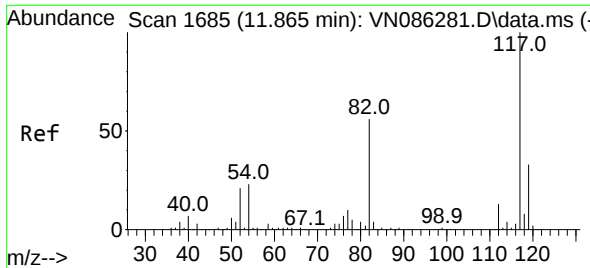
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#62
4-Bromofluorobenzene
Concen: 49.950 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

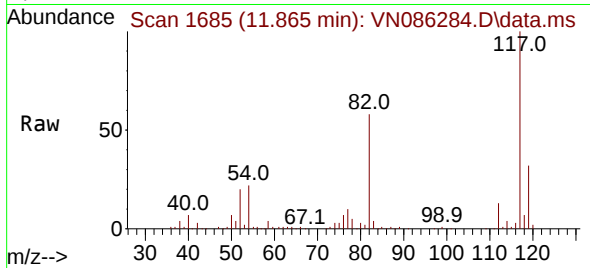
Tgt Ion: 95 Resp: 196820
Ion Ratio Lower Upper
95 100
174 67.3 0.0 133.4
176 65.1 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

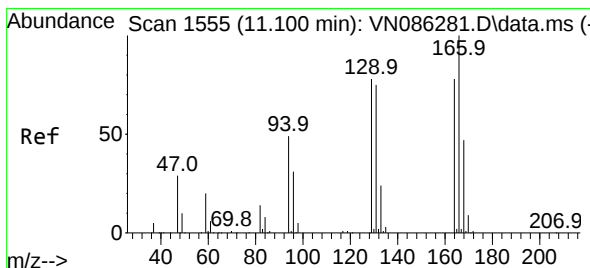
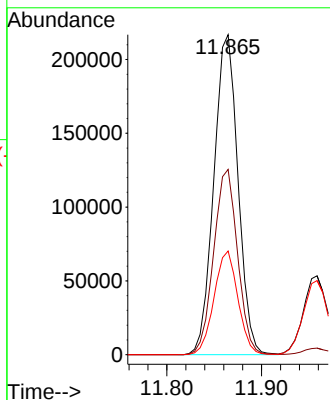
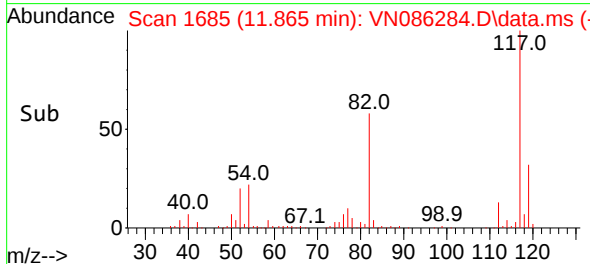
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion:117 Resp: 38460
Ion Ratio Lower Upper
117 100
82 57.9 44.7 67.1
119 32.4 26.4 39.6

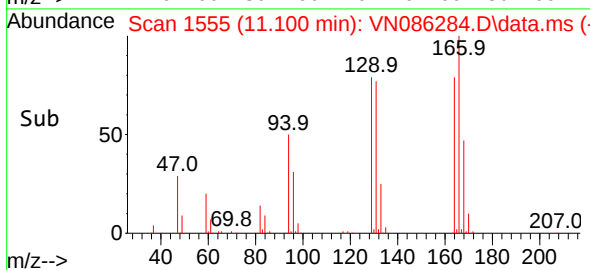
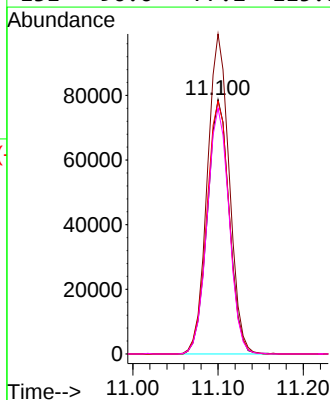
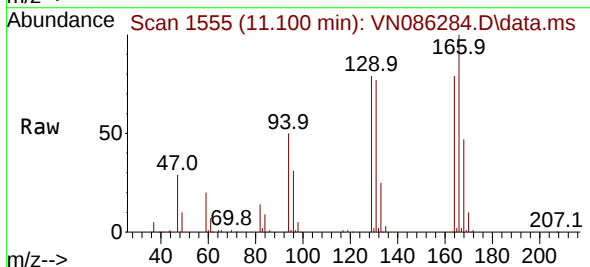
Manual Integrations
APPROVED

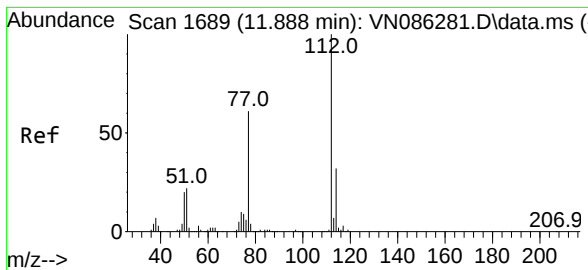
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#64
Tetrachloroethene
Concen: 47.439 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

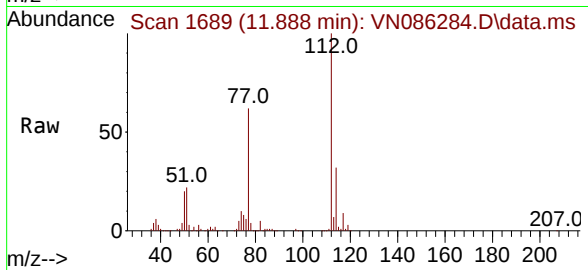
Tgt Ion:164 Resp: 140342
Ion Ratio Lower Upper
164 100
166 125.8 103.0 154.4
129 99.3 80.1 120.1
131 96.6 77.2 115.8





#65
Chlorobenzene
Concen: 46.735 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

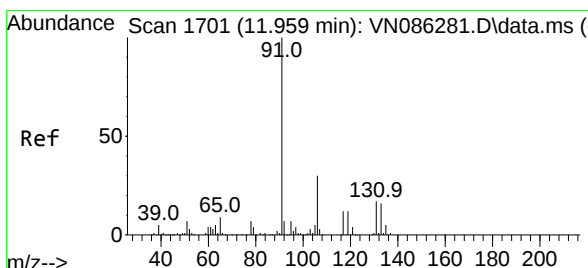
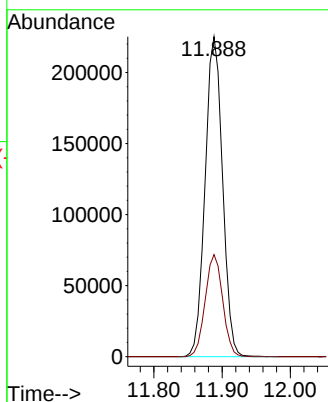
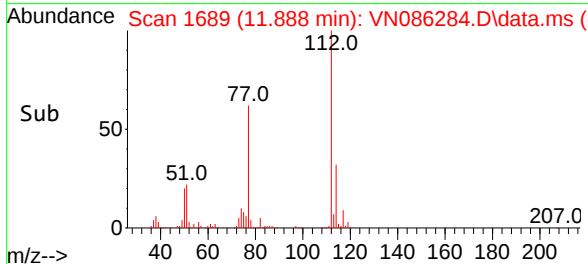
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



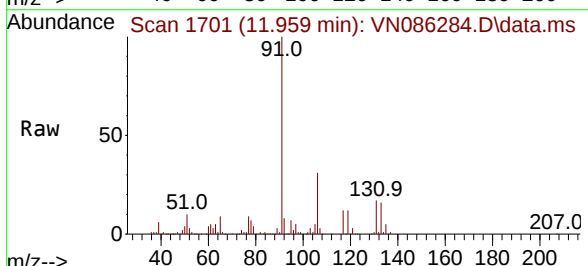
Tgt Ion:112 Resp: 40112
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
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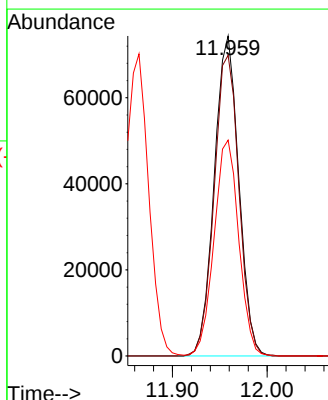
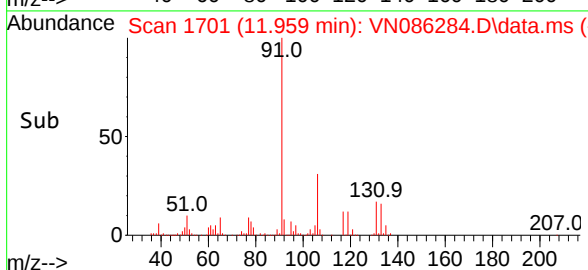
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

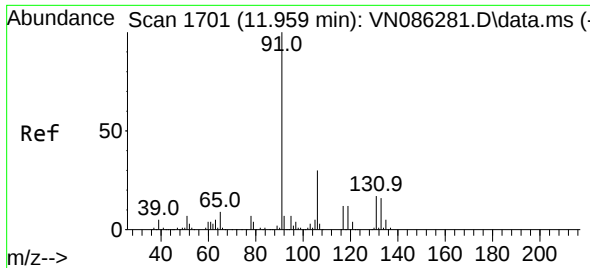


#66
1,1,1,2-Tetrachloroethane
Concen: 47.238 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



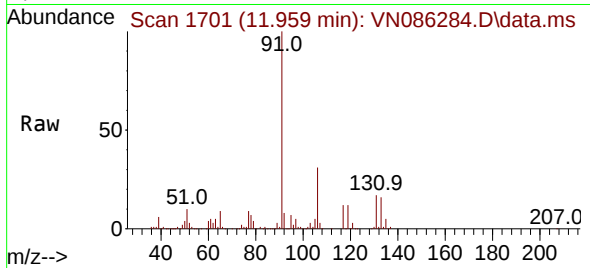
Tgt Ion:131 Resp: 133755
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.3
119 68.1 33.8 101.4





#67
Ethyl Benzene
Concen: 47.196 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

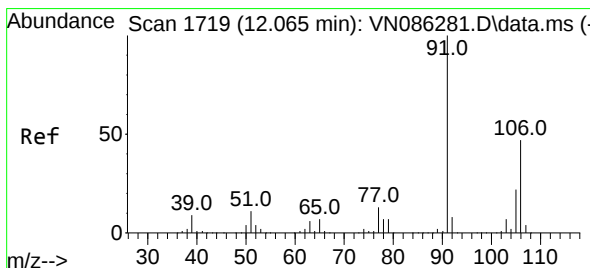
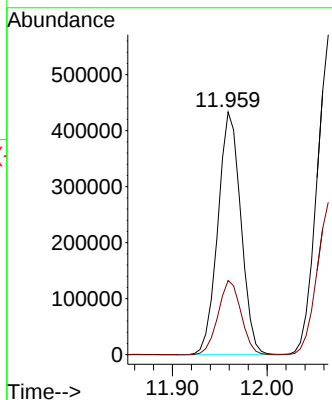
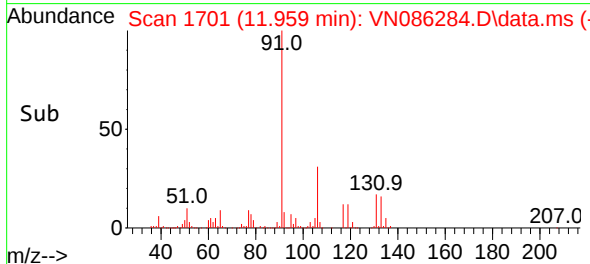
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



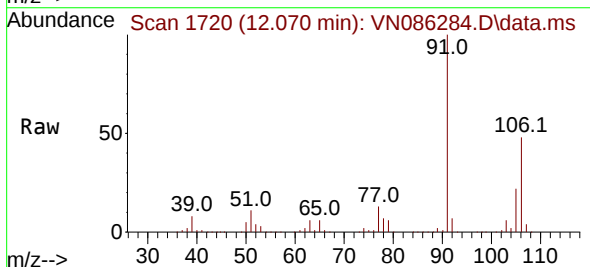
Tgt Ion: 91 Resp: 730984
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

Manual Integrations
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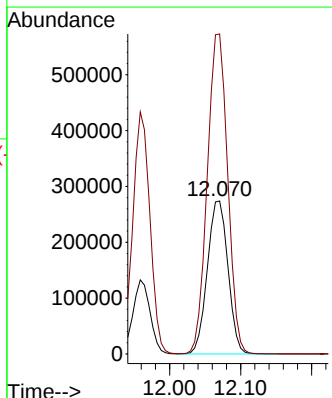
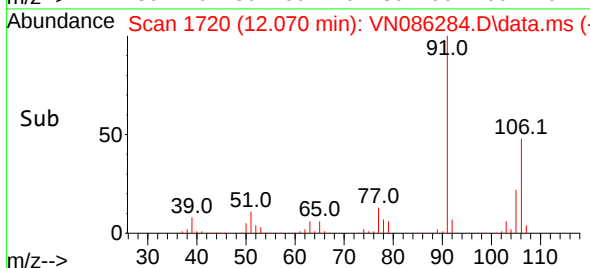
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

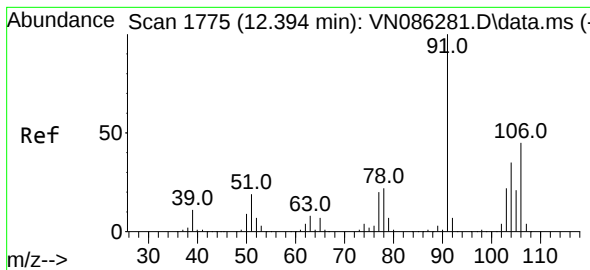


#68
m/p-Xylenes
Concen: 94.994 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



Tgt Ion:106 Resp: 551289
Ion Ratio Lower Upper
106 100
91 207.6 166.5 249.7





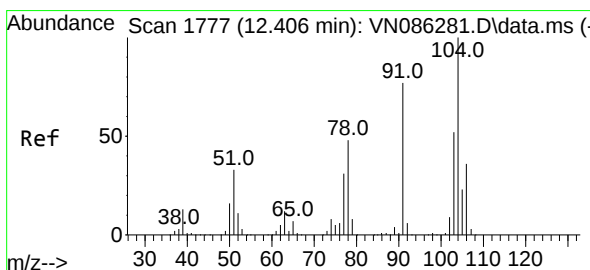
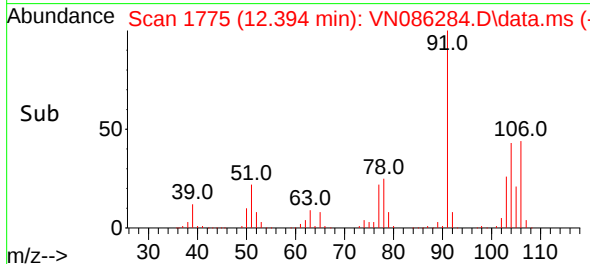
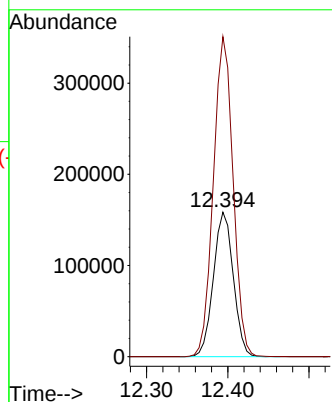
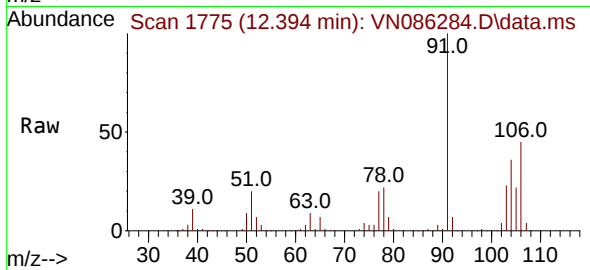
#69
o-Xylene
Concen: 47.043 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Tgt Ion:106 Resp: 269992
Ion Ratio Lower Upper
106 100
91 219.8 109.7 329.0

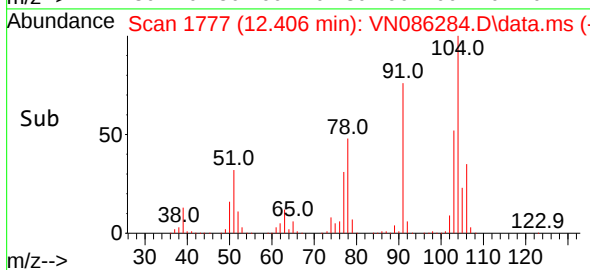
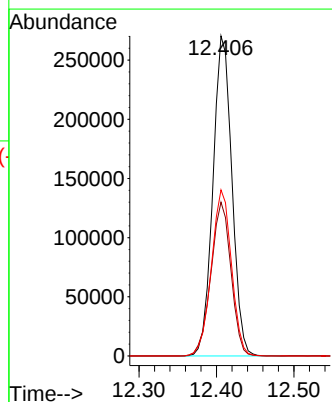
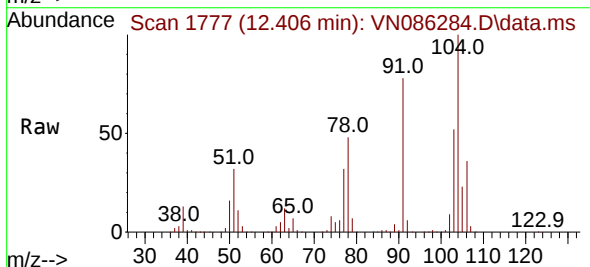
Manual Integrations
APPROVED

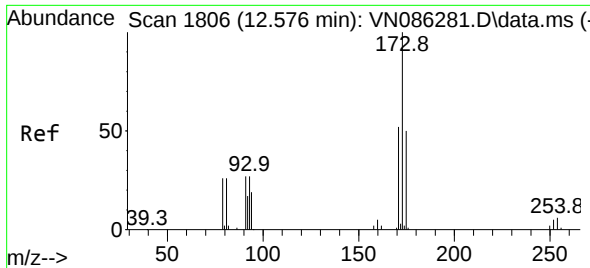
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#70
Styrene
Concen: 48.138 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

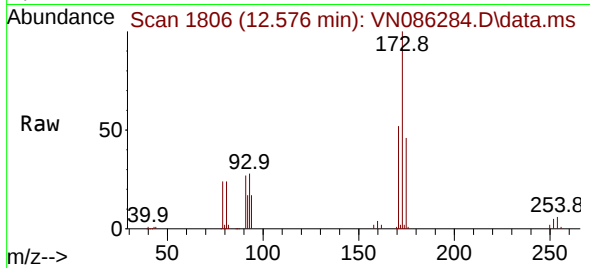
Tgt Ion:104 Resp: 460331
Ion Ratio Lower Upper
104 100
78 50.6 40.6 61.0
103 54.7 43.6 65.4





#71
Bromoform
Concen: 47.634 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

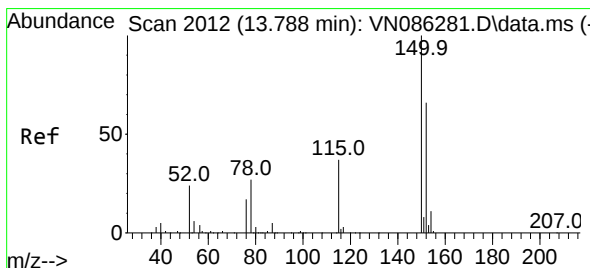
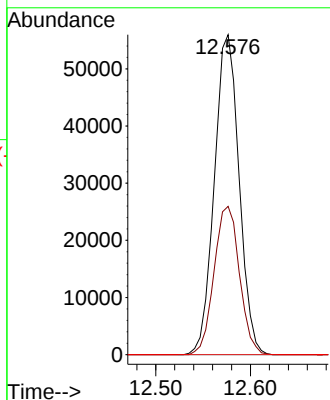
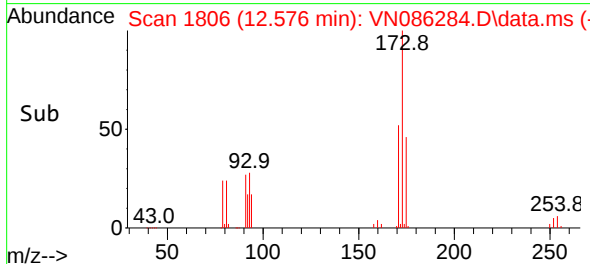
Instrument : MSVOA_N
ClientSampleId : ICVVN041525



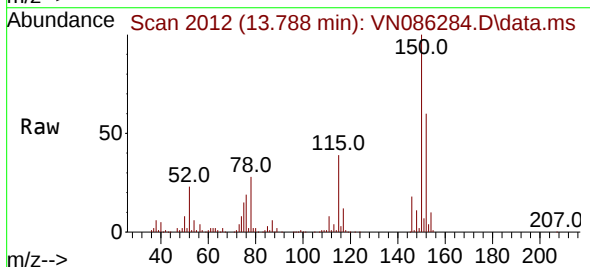
Tgt Ion:173 Resp: 101548
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

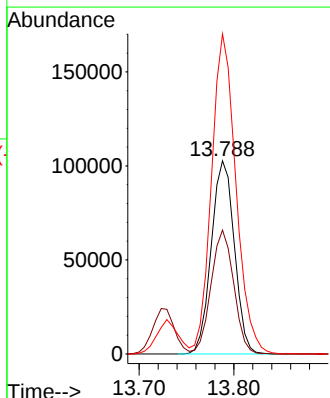
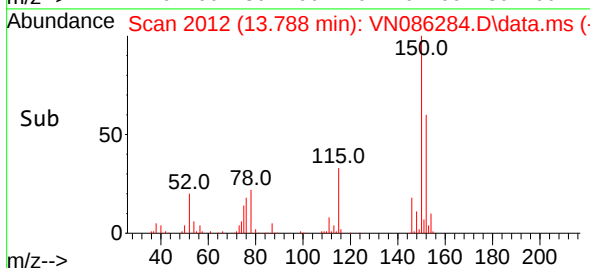
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

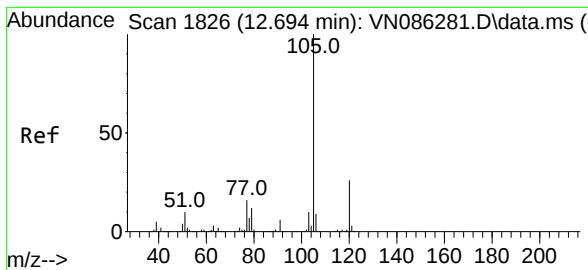


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



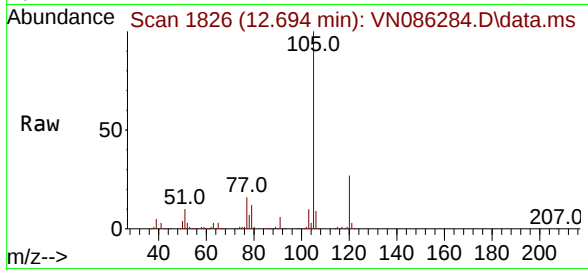
Tgt Ion:152 Resp: 173902
Ion Ratio Lower Upper
152 100
115 63.1 31.9 95.9
150 175.2 0.0 352.0





#73
Isopropylbenzene
Concen: 46.930 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

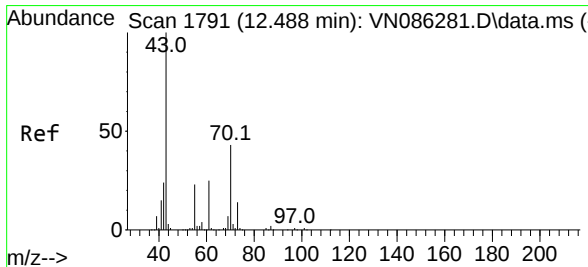
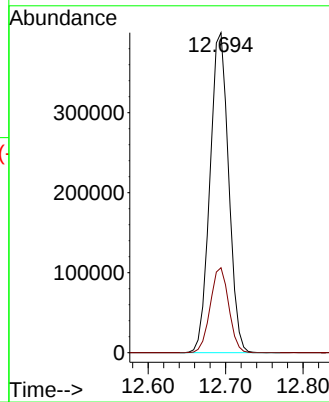
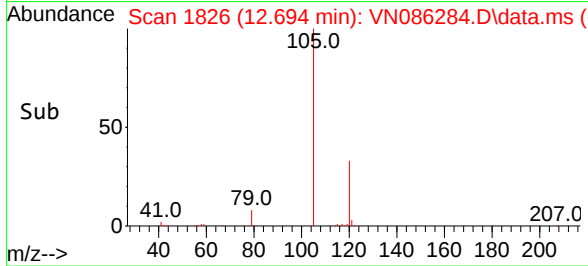
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 105 Resp: 667602
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

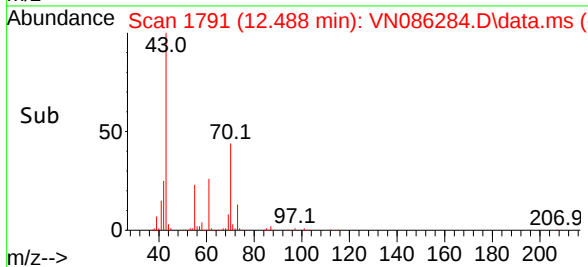
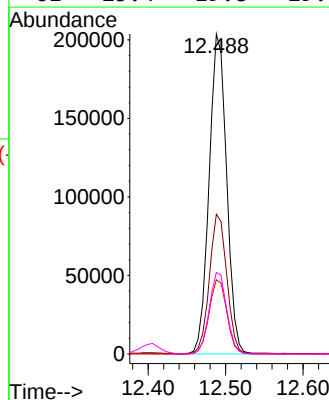
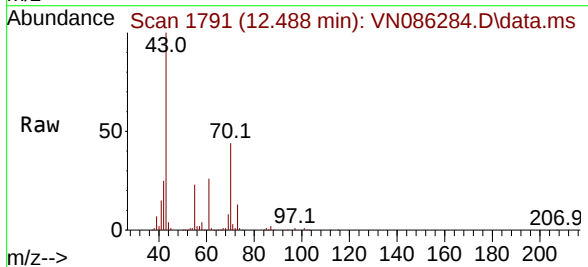
Manual Integrations
APPROVED

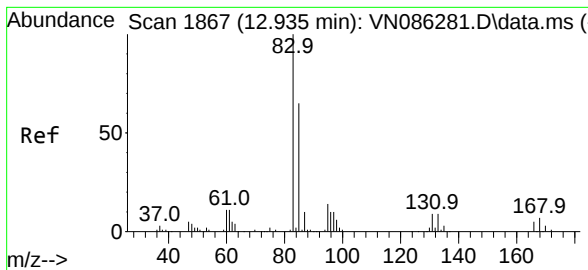
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#74
N-ethyl acetate
Concen: 45.241 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

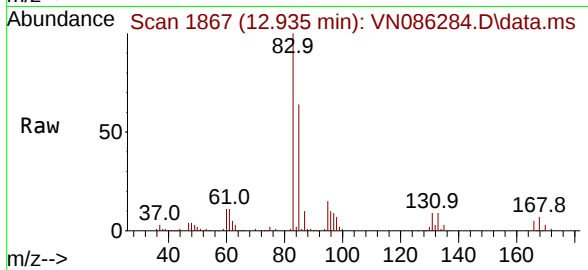
Tgt Ion: 43 Resp: 320394
Ion Ratio Lower Upper
43 100
70 43.4 35.0 52.4
55 23.5 19.0 28.4
61 25.4 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 45.501 ug/l
RT: 12.935 min Scan# 18611
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

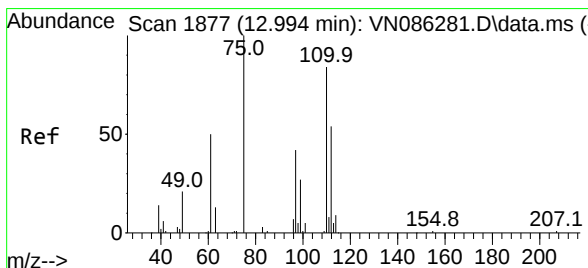
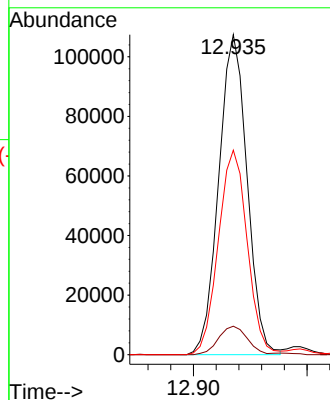
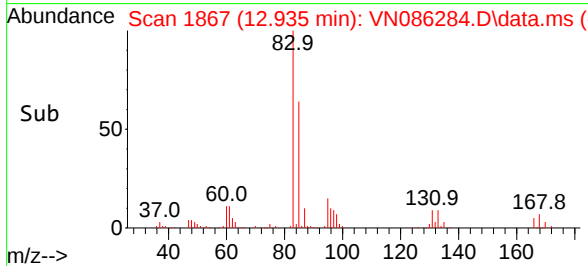
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 83 Resp: 18611
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.1
85 65.1 32.7 98.1

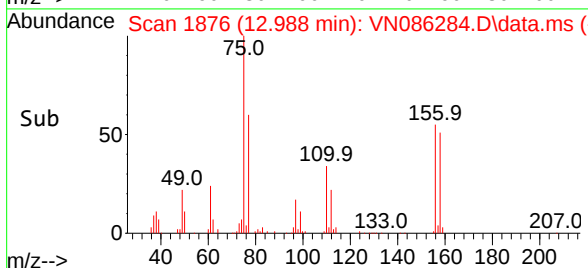
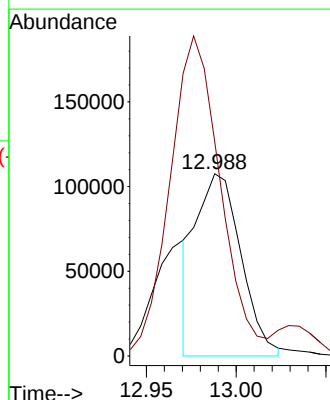
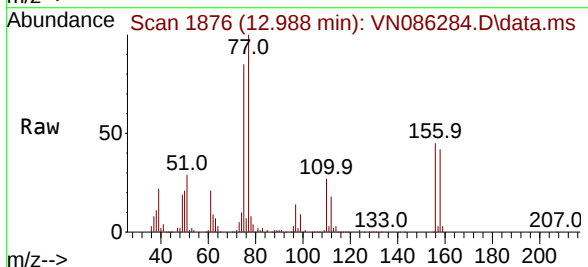
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#76
1,2,3-Trichloropropane
Concen: 45.680 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

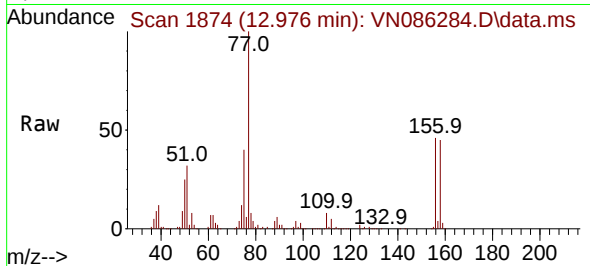
Tgt Ion: 75 Resp: 187464
Ion Ratio Lower Upper
75 100
77 197.7 98.8 296.4





#77
Bromobenzene
Concen: 47.860 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

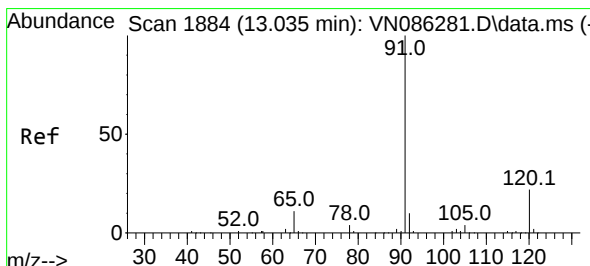
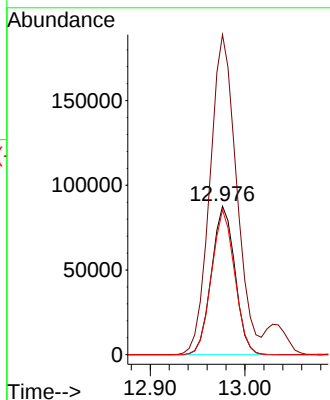
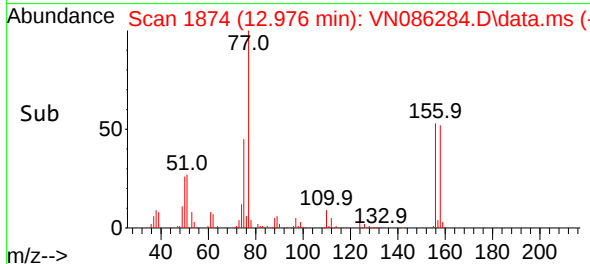
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



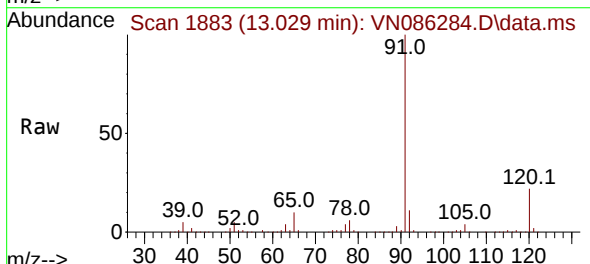
Tgt Ion: 156 Resp: 150850
Ion Ratio Lower Upper
156 100
77 245.6 121.1 363.1
158 96.3 47.9 143.6

Manual Integrations
APPROVED

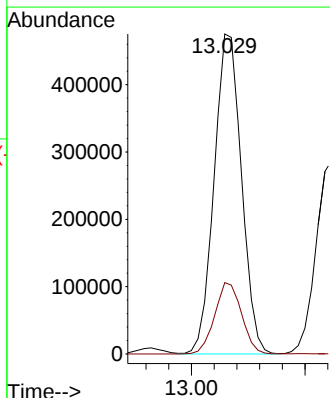
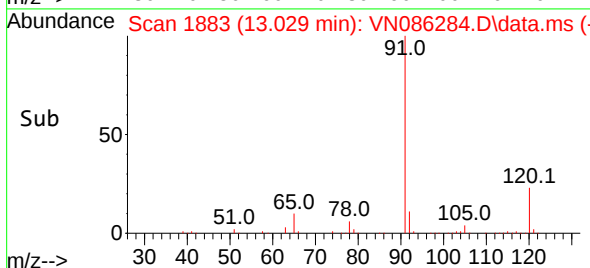
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

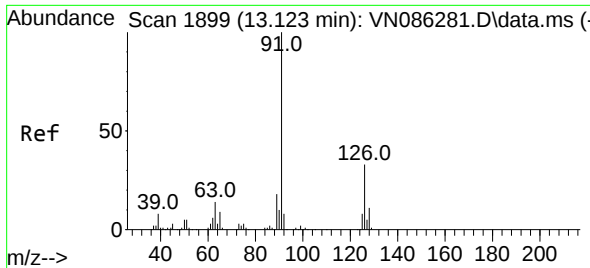


#78
n-propylbenzene
Concen: 47.420 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



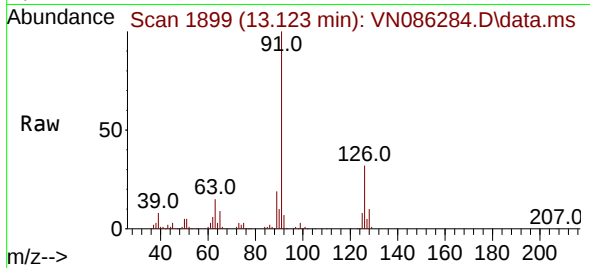
Tgt Ion: 91 Resp: 794892
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3





#79
2-Chlorotoluene
Concen: 47.012 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

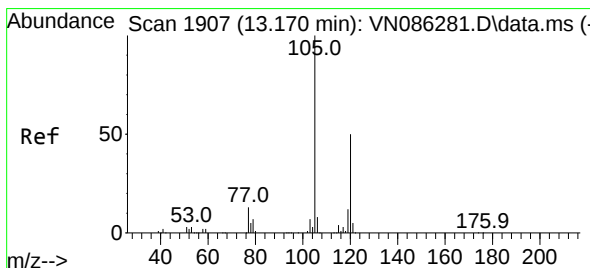
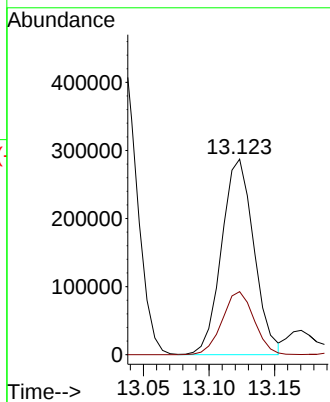
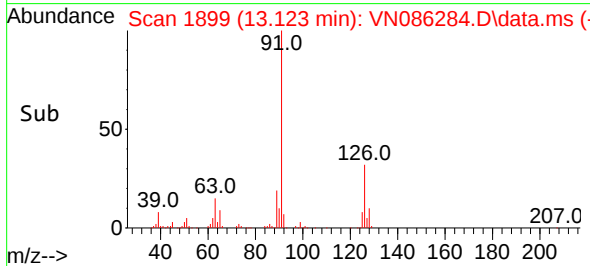
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 91 Resp: 493124
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.2

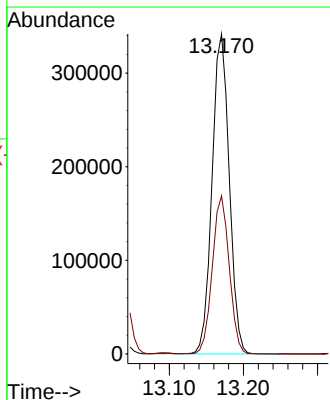
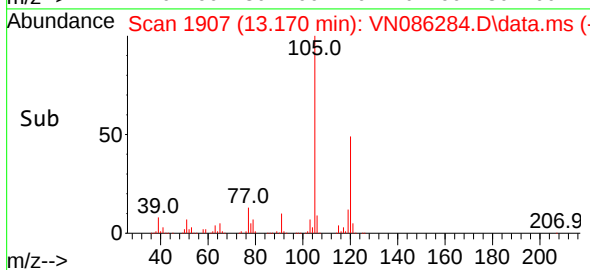
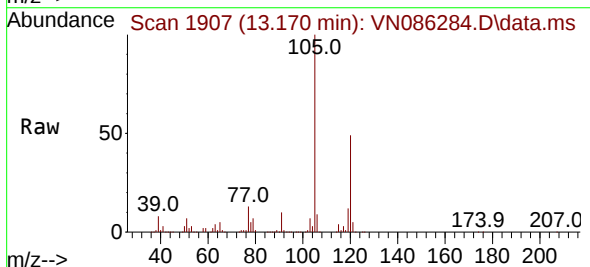
Manual Integrations
APPROVED

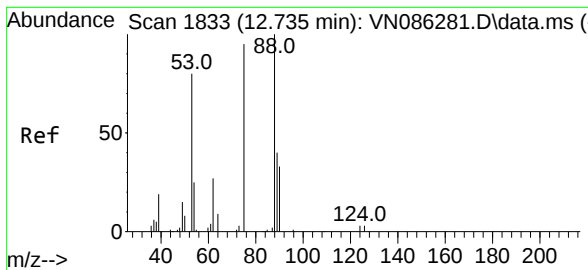
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.241 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

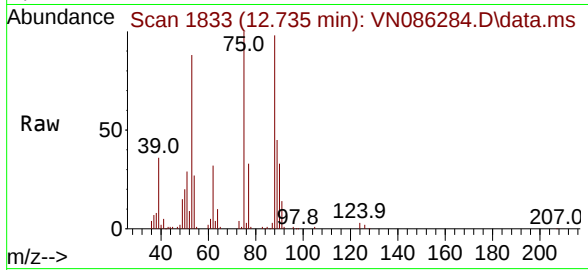
Tgt Ion:105 Resp: 550039
Ion Ratio Lower Upper
105 100
120 48.8 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 49.639 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

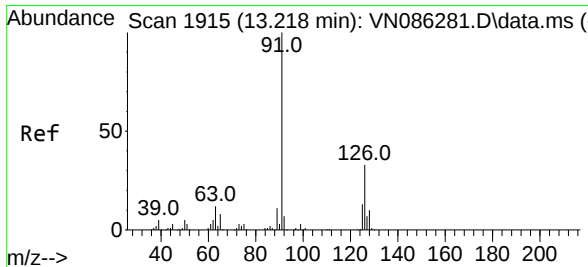
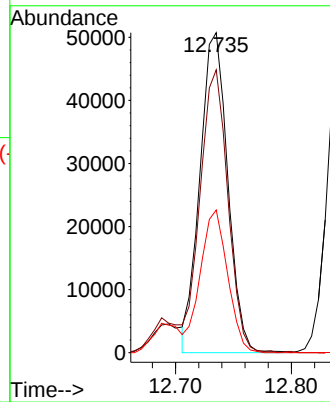
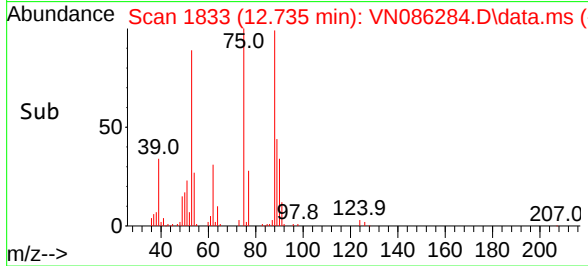
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion: 75 Resp: 8482
Ion Ratio Lower Upper
75 100
53 89.8 79.2 118.8
89 43.9 35.7 53.5

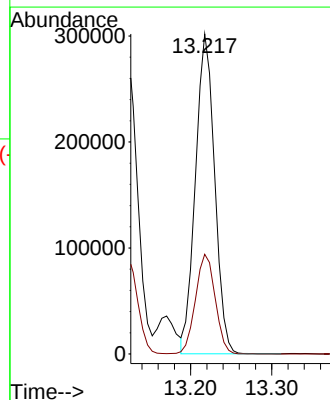
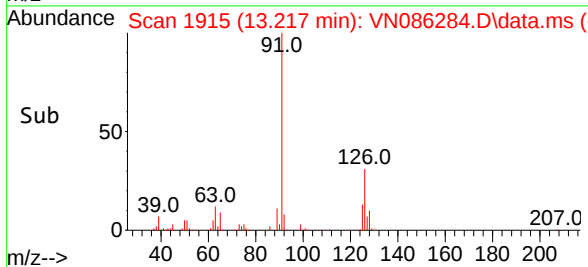
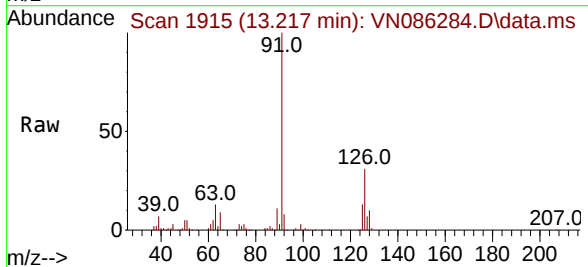
Manual Integrations
APPROVED

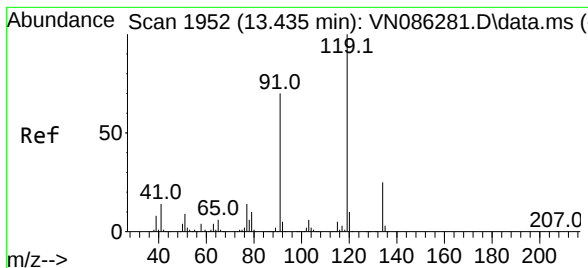
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#82
4-Chlorotoluene
Concen: 47.552 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

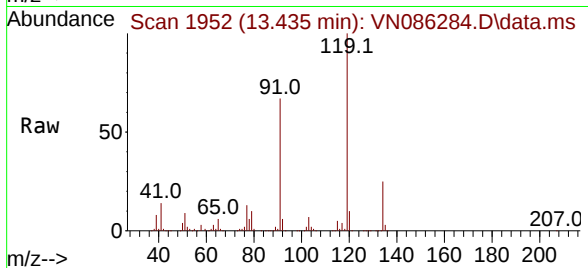
Tgt Ion: 91 Resp: 495478
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.6





#83
tert-Butylbenzene
Concen: 45.757 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

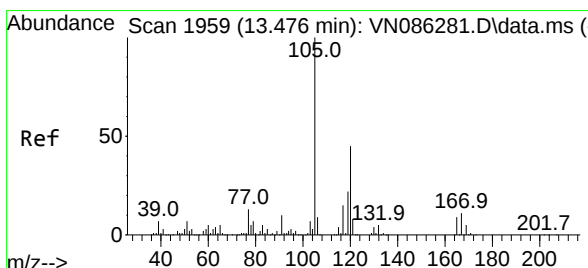
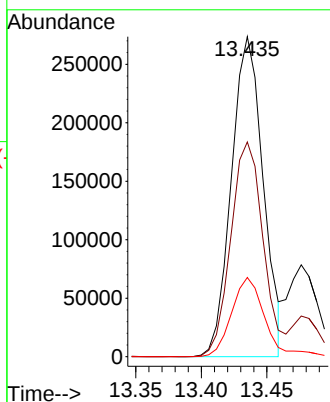
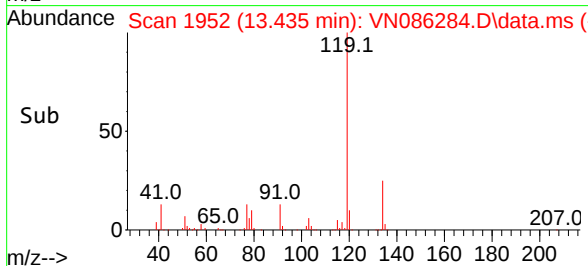
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



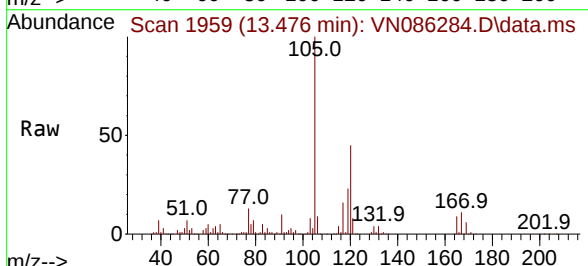
Tgt Ion:119 Resp: 461620
Ion Ratio Lower Upper
119 100
91 68.8 34.4 103.3
134 25.9 13.0 39.0

Manual Integrations
APPROVED

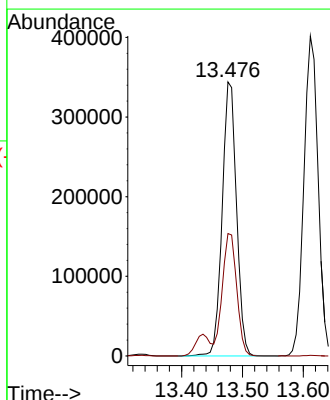
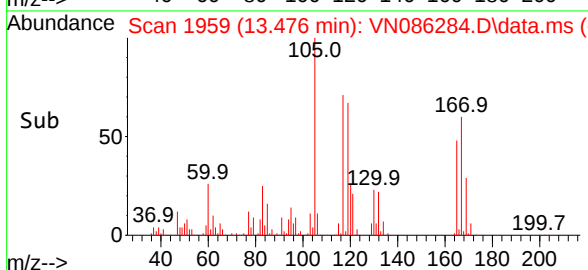
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

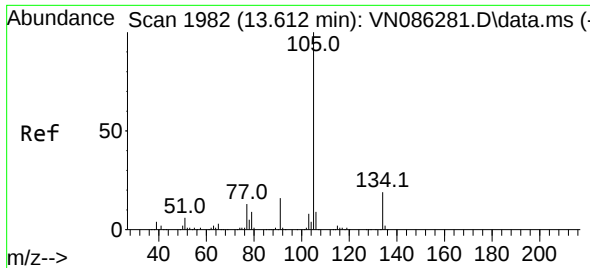


#84
1,2,4-Trimethylbenzene
Concen: 47.342 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



Tgt Ion:105 Resp: 561084
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





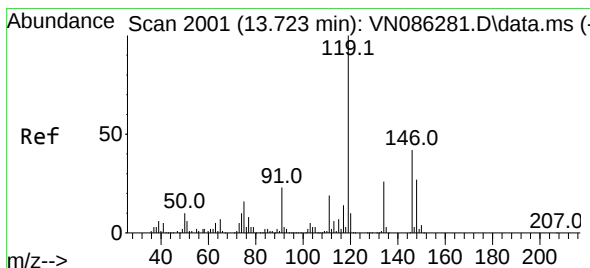
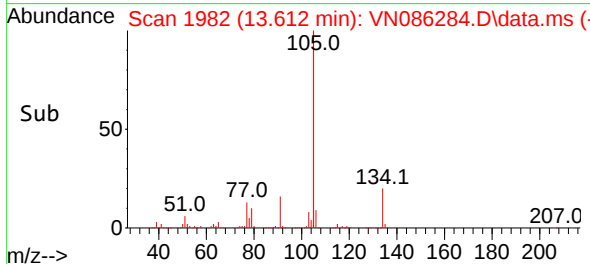
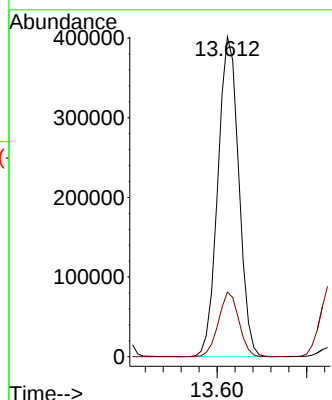
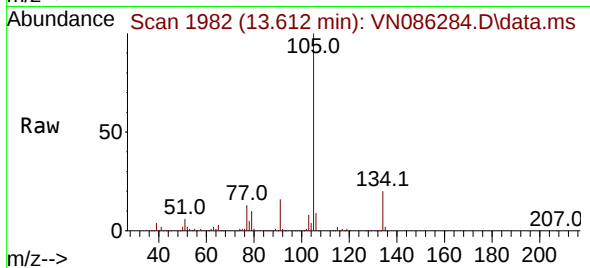
#85
 sec-Butylbenzene
 Concen: 46.468 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086284.D
 Acq: 15 Apr 2025 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041525

Tgt Ion:105 Resp: 650240
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1

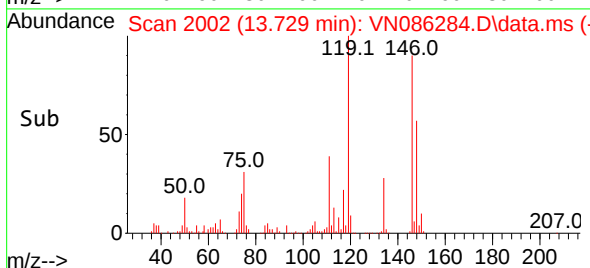
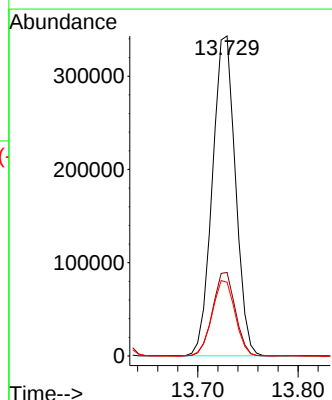
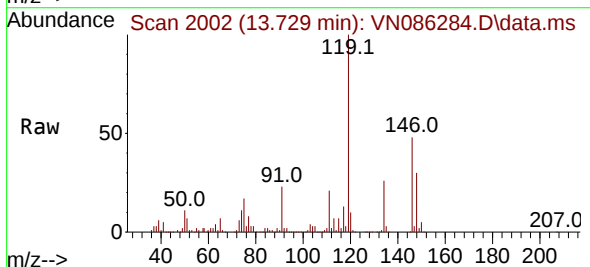
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#86
 p-Isopropyltoluene
 Concen: 47.395 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086284.D
 Acq: 15 Apr 2025 15:30

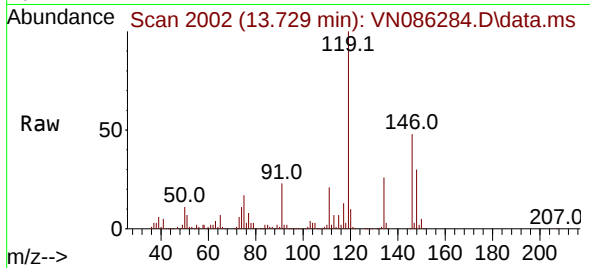
Tgt Ion:119 Resp: 546663
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.7 11.9 35.9





#87
 1,3-Dichlorobenzene
 Concen: 46.983 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086284.D
 Acq: 15 Apr 2025 15:30

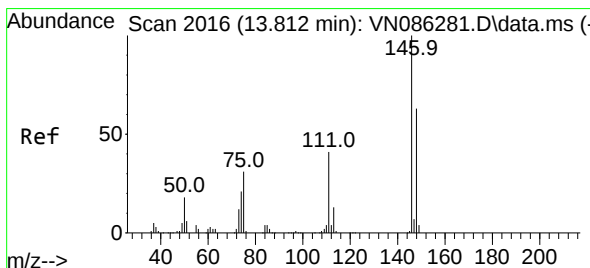
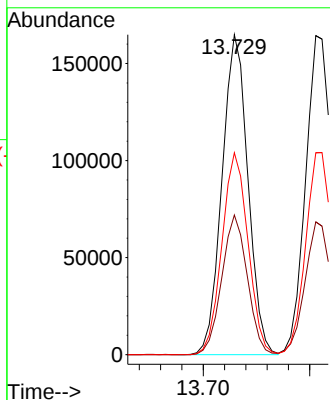
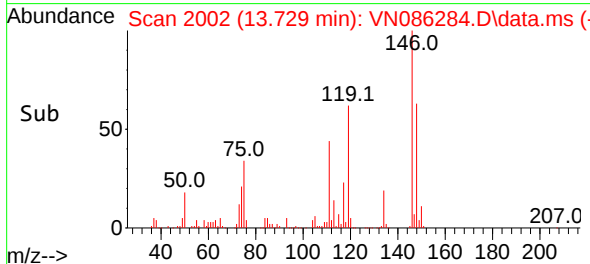
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041525



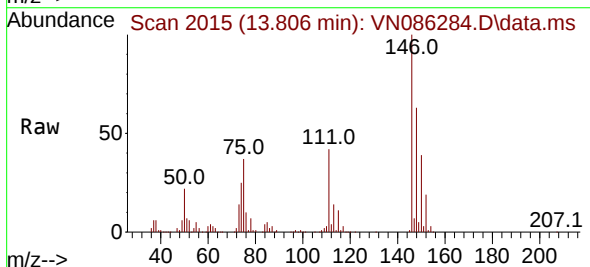
Tgt Ion:146 Resp: 27838
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.9 65.7
 148 63.6 31.9 95.5

Manual Integrations
 APPROVED

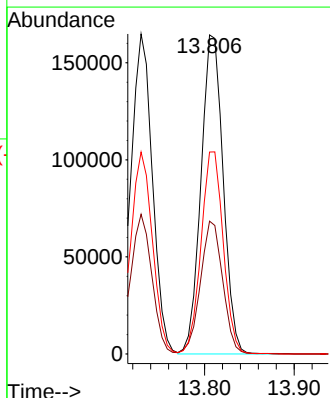
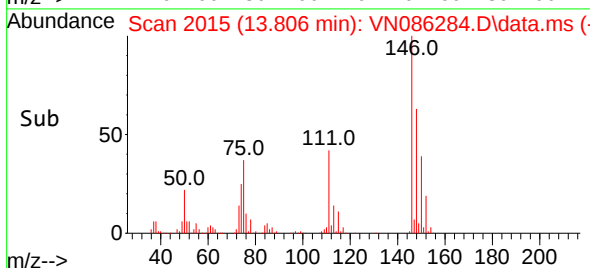
Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025



#88
 1,4-Dichlorobenzene
 Concen: 47.319 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN086284.D
 Acq: 15 Apr 2025 15:30



Tgt Ion:146 Resp: 282403
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.3 63.9
 148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 47.178 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN041525

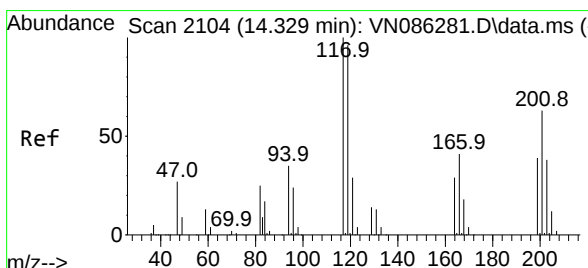
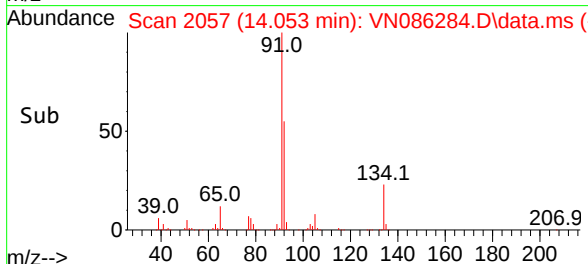
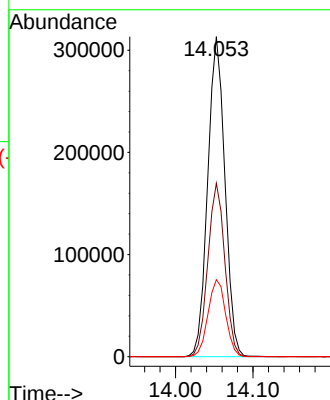
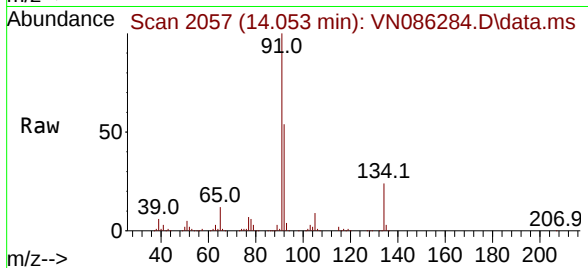
Tgt Ion:	91	Resp:	48233
Ion Ratio	Lower	Upper	
91	100		
92	53.6	26.8	80.4
134	24.7	12.2	36.6

Manual Integrations

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Reviewed By :John Carlone 04/16/2025

Supervised By :Semsettin Yesilyurt 04/16/2025



#90

Hexachloroethane

Concen: 47.634 ug/l

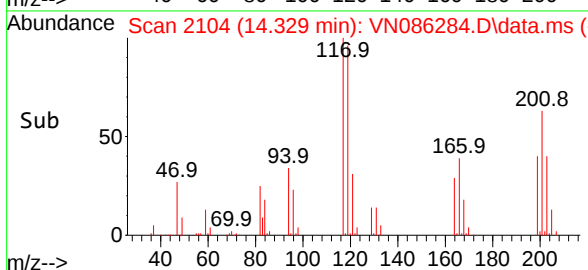
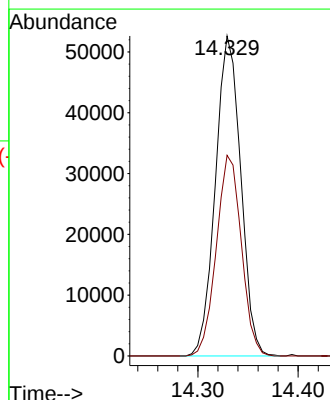
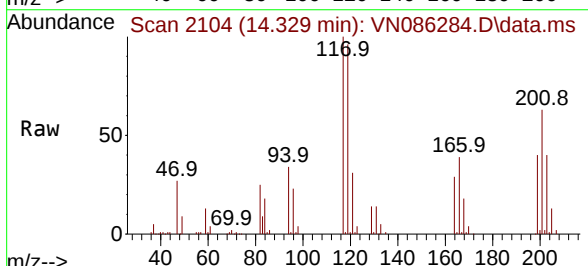
RT: 14.329 min Scan# 2104

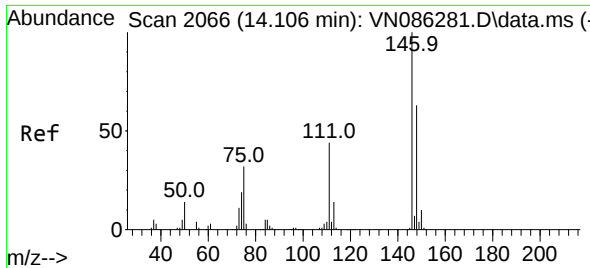
Delta R.T. -0.000 min

Lab File: VN086284.D

Acq: 15 Apr 2025 15:30

Tgt Ion:	117	Resp:	92416
Ion Ratio	Lower	Upper	
117	100		
201	61.9	31.4	94.2





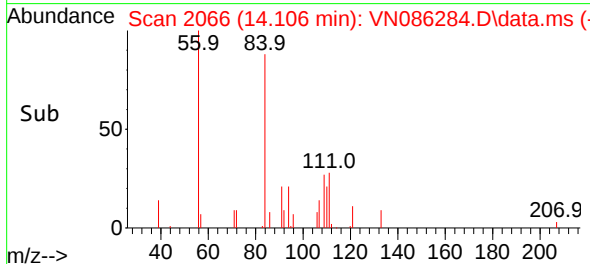
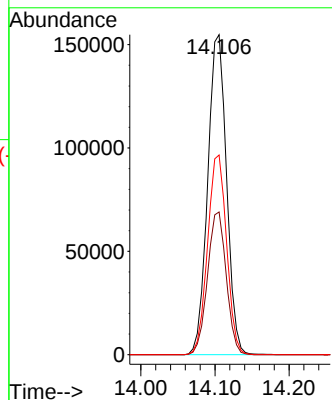
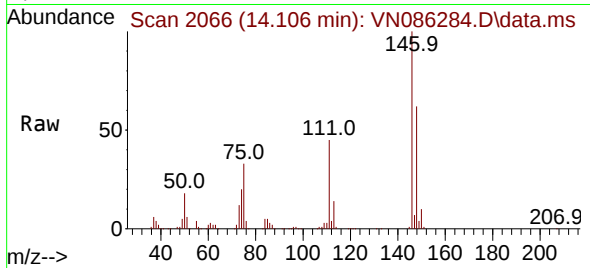
#91
1,2-Dichlorobenzene
Concen: 47.545 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Tgt Ion:146 Resp: 27313
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 62.9 31.8 95.4

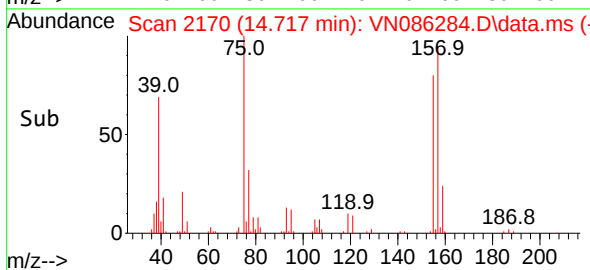
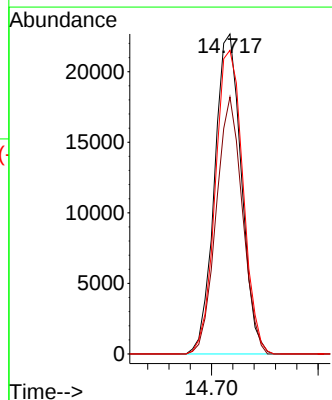
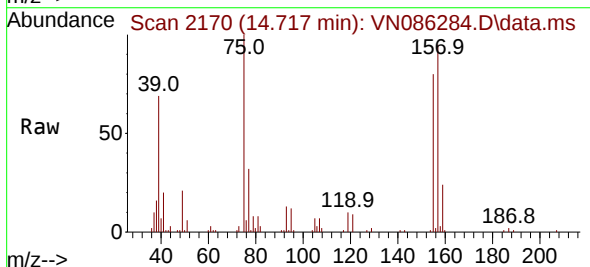
Manual Integrations
APPROVED

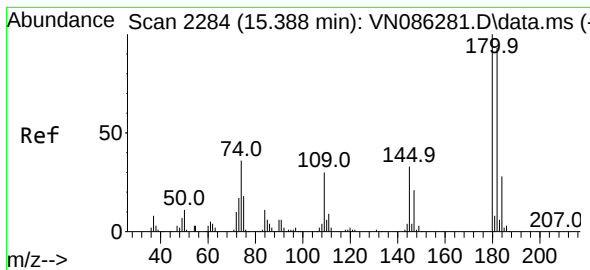
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.017 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

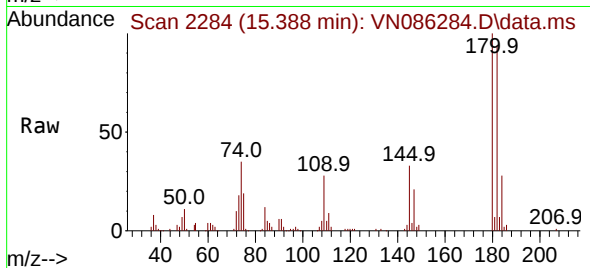
Tgt Ion: 75 Resp: 39601
Ion Ratio Lower Upper
75 100
155 78.6 40.3 120.9
157 97.8 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 47.854 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

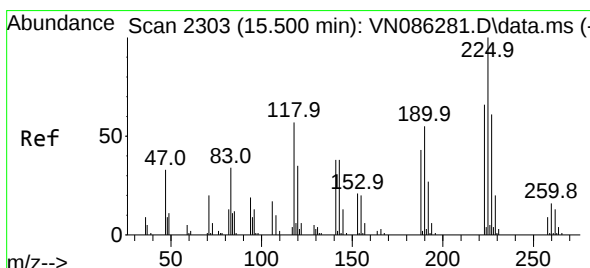
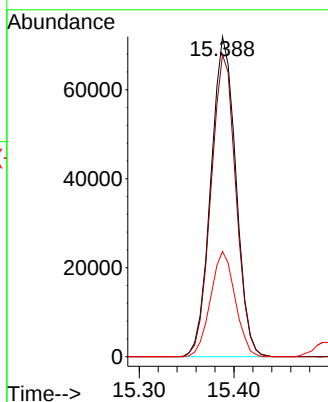
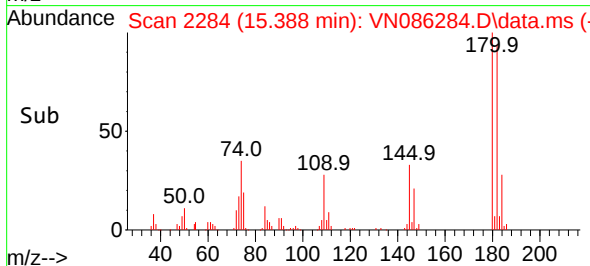
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



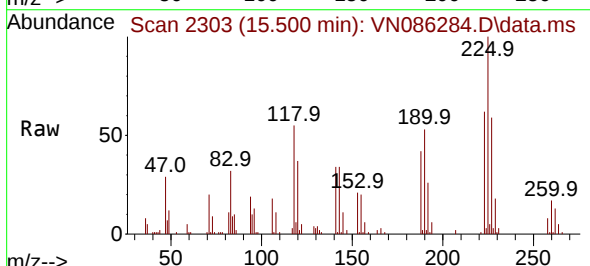
Tgt Ion:180 Resp: 131639
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.0
145 32.4 16.4 49.1

Manual Integrations
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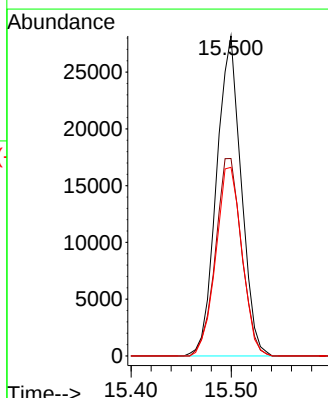
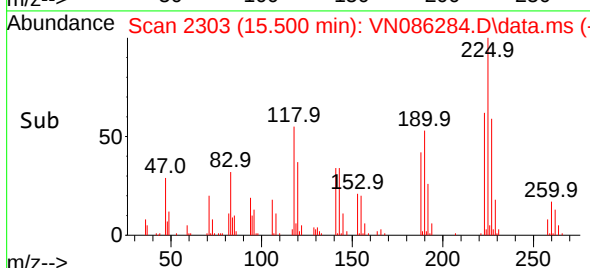
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

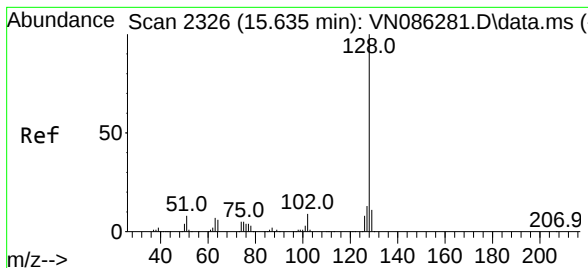


#94
Hexachlorobutadiene
Concen: 46.301 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30



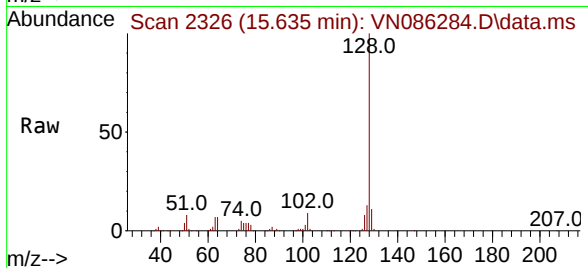
Tgt Ion:225 Resp: 48079
Ion Ratio Lower Upper
225 100
223 65.3 32.8 98.3
227 62.6 31.4 94.0





#95
Naphthalene
Concen: 48.408 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

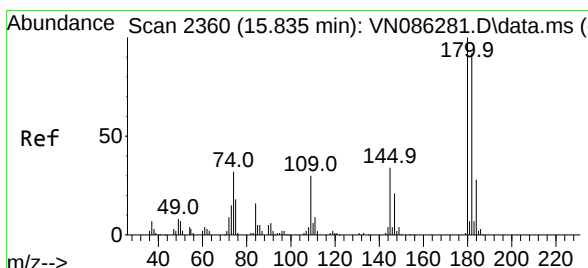
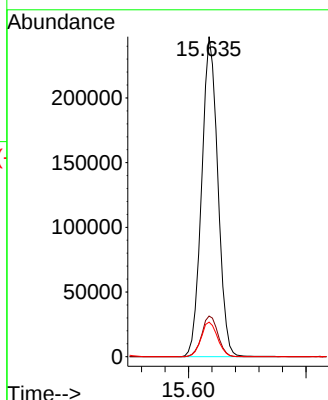
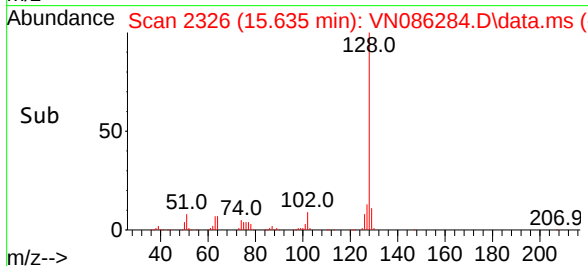
Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525



Tgt Ion:128 Resp: 47204
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.314 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:180 Resp: 123220
Ion Ratio Lower Upper
180 100
182 93.8 47.3 142.0
145 33.7 17.2 51.5

