

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086635.D
 Acq On : 15 May 2025 11:10
 Operator : JC\MD
 Sample : VN0515WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2025
 Supervised By : Mahesh Dadoda 05/16/2025

Quant Time: May 16 05:23:03 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)

Internal Standards						
1) Pentafluorobenzene	8.218	168	227754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136397	41.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.600%		
35) Dibromofluoromethane	8.165	113	110266	59.627	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	119.260%		
50) Toluene-d8	10.565	98	435176	44.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.060%		
62) 4-Bromofluorobenzene	12.847	95	162108	44.969	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50144	18.573	ug/l	99
3) Chloromethane	2.359	50	62654	15.968	ug/l	98
4) Vinyl Chloride	2.512	62	58626	15.657	ug/l	98
5) Bromomethane	2.959	94	34736	20.624	ug/l	95
6) Chloroethane	3.118	64	37677	15.035	ug/l	96
7) Trichlorofluoromethane	3.500	101	76342	18.406	ug/l	94
8) Diethyl Ether	3.959	74	32151	17.756	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.365	101	46317	18.460	ug/l	96
10) Methyl Iodide	4.589	142	55044	19.954	ug/l	94
11) Tert butyl alcohol	5.518	59	51026	84.677	ug/l	99
12) 1,1-Dichloroethene	4.342	96	45879	17.115	ug/l	97
13) Acrolein	4.183	56	29560	95.900	ug/l	96
14) Allyl chloride	5.018	41	64715	13.580	ug/l	97
15) Acrylonitrile	5.712	53	126021	84.598	ug/l	100
16) Acetone	4.424	43	97903	81.903	ug/l	94
17) Carbon Disulfide	4.712	76	121029	15.079	ug/l	96
18) Methyl Acetate	5.018	43	58556	14.770	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	168113	17.061	ug/l	98
20) Methylene Chloride	5.271	84	54393	17.815	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	48772	17.403	ug/l	92
22) Diisopropyl ether	6.665	45	159307	15.368	ug/l	95
23) Vinyl Acetate	6.600	43	587039	81.009	ug/l	96
24) 1,1-Dichloroethane	6.565	63	90860	16.612	ug/l	98
25) 2-Butanone	7.482	43	159707	77.689	ug/l	97
26) 2,2-Dichloropropane	7.488	77	81603	16.663	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	61357	17.639	ug/l	92
28) Bromochloromethane	7.812	49	37123	16.007	ug/l	84
29) Tetrahydrofuran	7.835	42	105926	77.055	ug/l	93
30) Chloroform	7.965	83	94180	17.528	ug/l	97
31) Cyclohexane	8.253	56	79101	14.779	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	80940	17.610	ug/l	93
36) 1,1-Dichloropropene	8.371	75	66116	17.900	ug/l	98
37) Ethyl Acetate	7.559	43	64867	16.681	ug/l	98
38) Carbon Tetrachloride	8.359	117	67756	19.263	ug/l	99
39) Methylcyclohexane	9.600	83	72523	16.519	ug/l	95
40) Benzene	8.606	78	215859	18.240	ug/l	99

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 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)
41) Methacrylonitrile	7.771	41	34905	15.488	ug/l	93
42) 1,2-Dichloroethane	8.665	62	70892	18.785	ug/l	99
43) Isopropyl Acetate	8.688	43	120235	15.706	ug/l	98
44) Trichloroethene	9.347	130	55894	19.927	ug/l	89
45) 1,2-Dichloropropane	9.618	63	51098	17.640	ug/l	99
46) Dibromomethane	9.706	93	36948	20.019	ug/l	94
47) Bromodichloromethane	9.882	83	73579	18.458	ug/l	99
48) Methyl methacrylate	9.676	41	52420	15.351	ug/l	93
49) 1,4-Dioxane	9.694	88	22043	379.489	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	332030	83.384	ug/l	96
52) Toluene	10.629	92	137189	18.579	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	79911	17.958	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	85951	17.586	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	51083	19.228	ug/l	98
56) Ethyl methacrylate	10.871	69	84157	17.233	ug/l	94
57) 1,3-Dichloropropane	11.159	76	87038	18.465	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	179889	77.609	ug/l	96
59) 2-Hexanone	11.194	43	241108	81.634	ug/l	96
60) Dibromochloromethane	11.359	129	57262	19.628	ug/l	100
61) 1,2-Dibromoethane	11.465	107	52974	19.761	ug/l	99
64) Tetrachloroethene	11.100	164	57234	20.944	ug/l	96
65) Chlorobenzene	11.888	112	154809	19.526	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	50413	19.275	ug/l	98
67) Ethyl Benzene	11.959	91	259872	18.164	ug/l	97
68) m/p-Xylenes	12.065	106	203667	37.993	ug/l	94
69) o-Xylene	12.394	106	98919	18.659	ug/l	97
70) Styrene	12.406	104	163392	18.497	ug/l	99
71) Bromoform	12.576	173	37637	19.113	ug/l #	100
73) Isopropylbenzene	12.694	105	237398	17.440	ug/l	98
74) N-amyl acetate	12.488	43	95818	14.139	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	69994	17.883	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	60453m	15.394	ug/l	
77) Bromobenzene	12.976	156	60786	20.153	ug/l	88
78) n-propylbenzene	13.035	91	272599	16.994	ug/l	98
79) 2-Chlorotoluene	13.123	91	176744	17.609	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	193623	17.379	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	26454	16.178	ug/l	98
82) 4-Chlorotoluene	13.217	91	175741	17.626	ug/l	98
83) tert-Butylbenzene	13.435	119	168689	17.474	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	198866	17.535	ug/l	99
85) sec-Butylbenzene	13.612	105	230858	17.240	ug/l	98
86) p-Isopropyltoluene	13.723	119	194519	17.624	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	106134	18.719	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	108161	18.939	ug/l	99
89) n-Butylbenzene	14.053	91	160581	16.414	ug/l	98
90) Hexachloroethane	14.329	117	30653	16.511	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	103979	18.915	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.711	75	12575	15.934	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	49753	18.901	ug/l	97
94) Hexachlorobutadiene	15.500	225	20105	20.233	ug/l	97
95) Naphthalene	15.635	128	161018	17.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	46051	18.479	ug/l	99

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MSVOA_N
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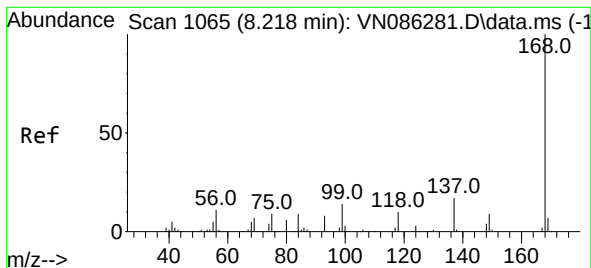
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

Quant Time: May 16 05:23:03 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

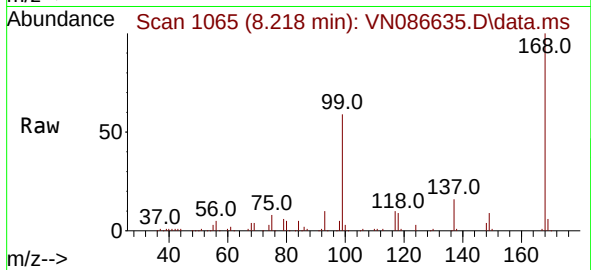
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086635.D
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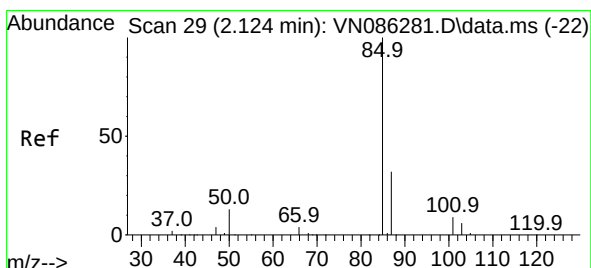
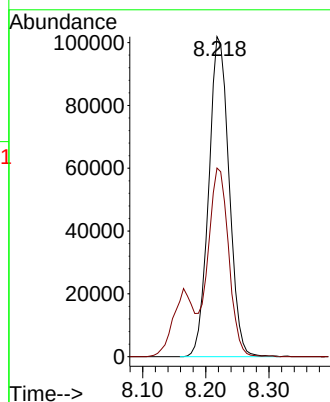
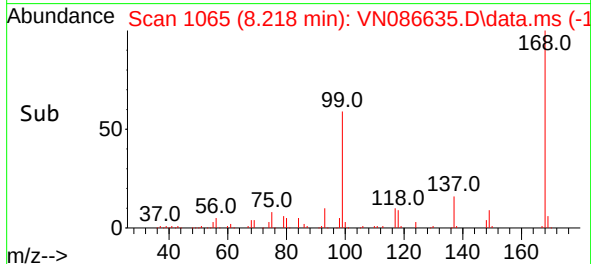
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 227754
Ion Ratio Lower Upper
168 100
99 58.9 52.5 78.7

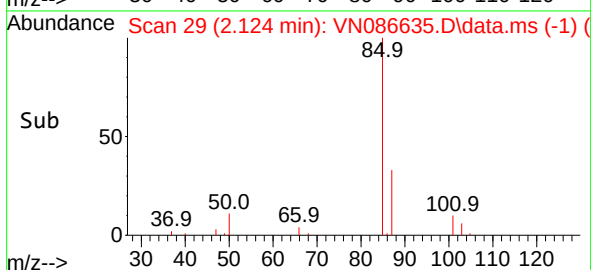
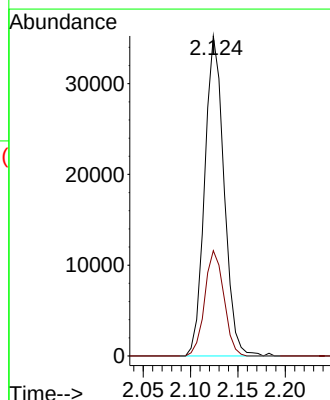
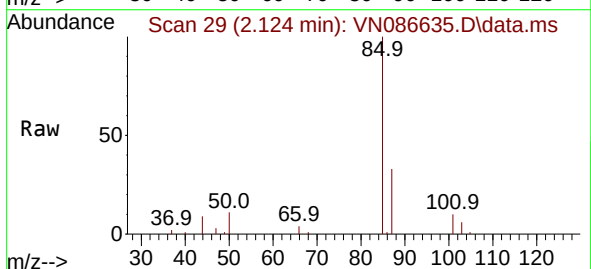
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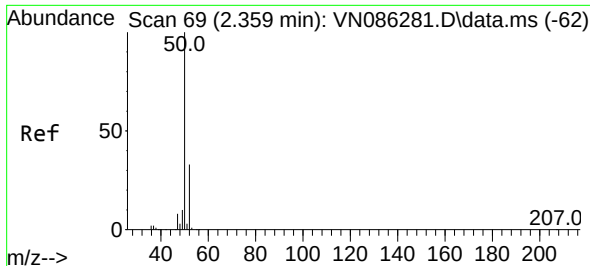
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#2
Dichlorodifluoromethane
Concen: 18.573 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

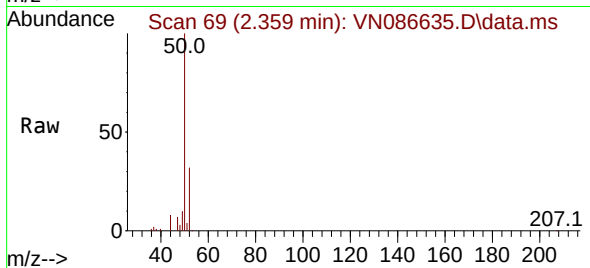
Tgt Ion: 85 Resp: 50144
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.8





#3
Chloromethane
Concen: 15.968 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

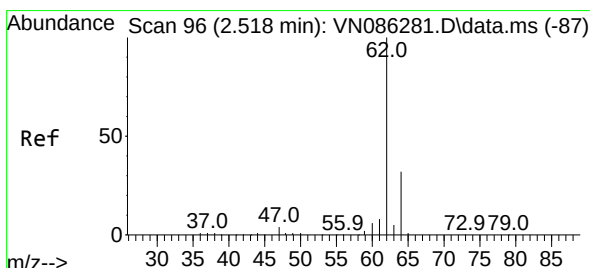
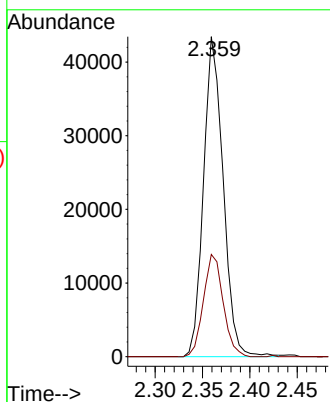
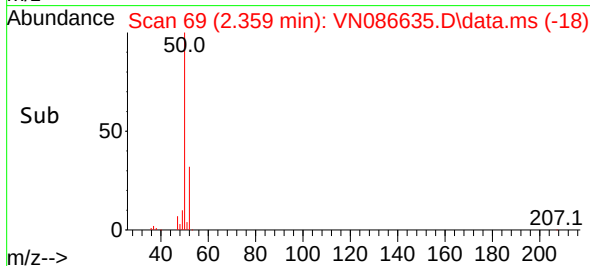
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Tgt Ion: 50 Resp: 62654
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

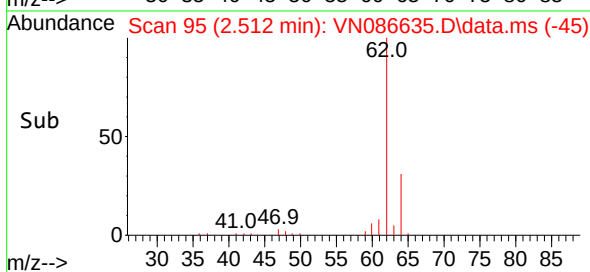
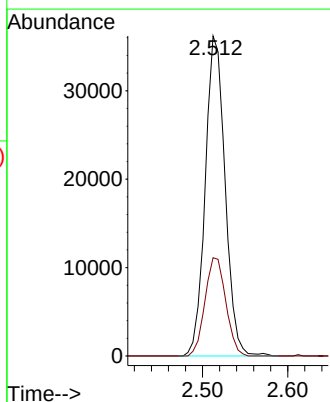
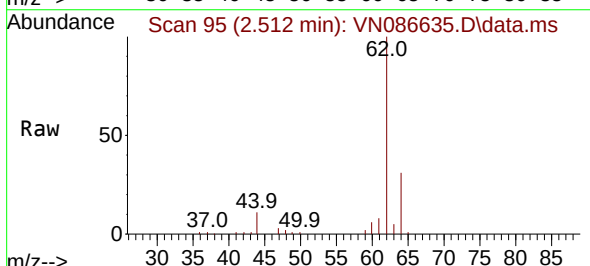
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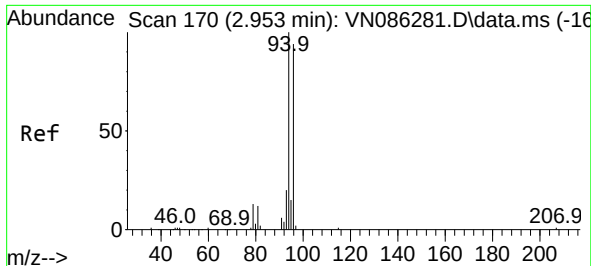
Reviewed By :John Carlone 05/16/2025
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#4
Vinyl Chloride
Concen: 15.657 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

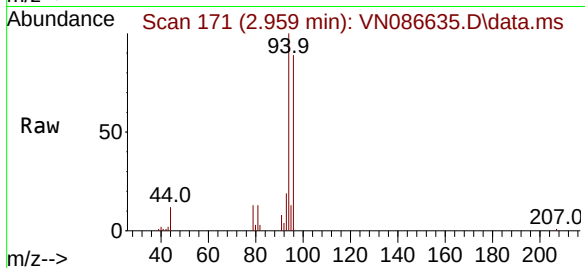
Tgt Ion: 62 Resp: 58626
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4





#5
Bromomethane
Concen: 20.624 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

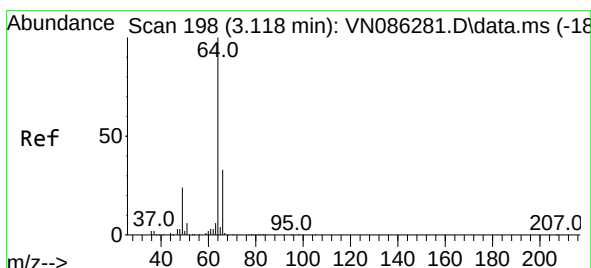
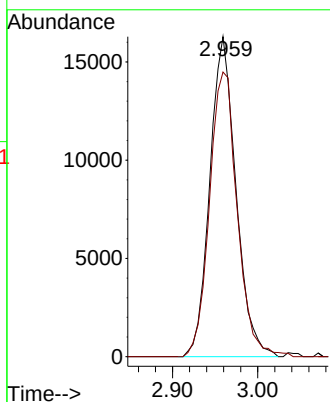
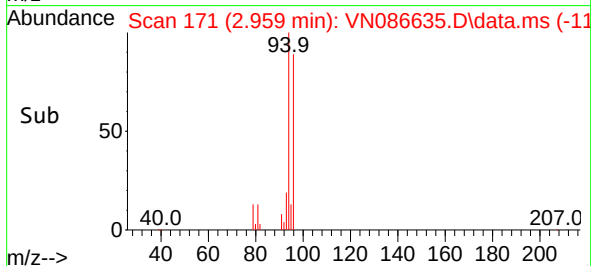
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Tgt Ion: 94 Resp: 34730
Ion Ratio Lower Upper
94 100
96 88.9 75.2 112.8

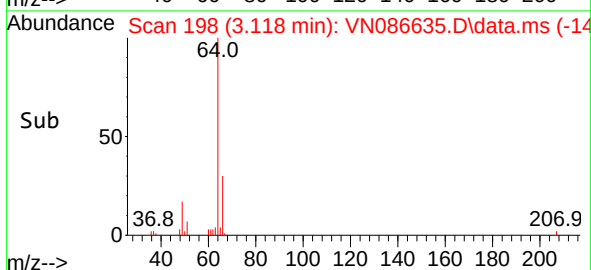
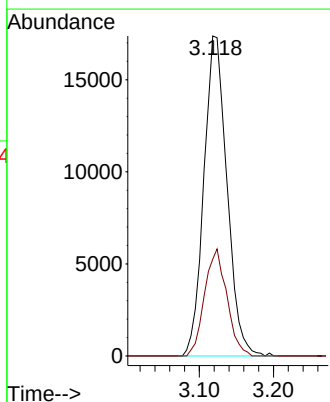
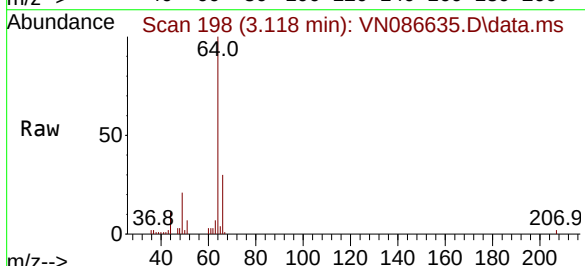
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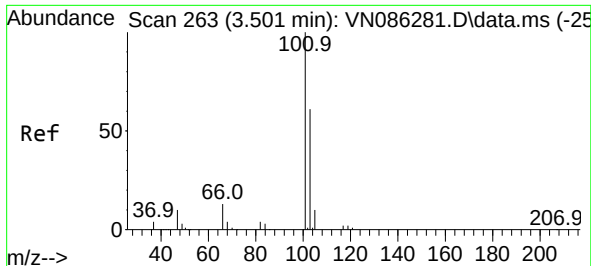
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#6
Chloroethane
Concen: 15.035 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

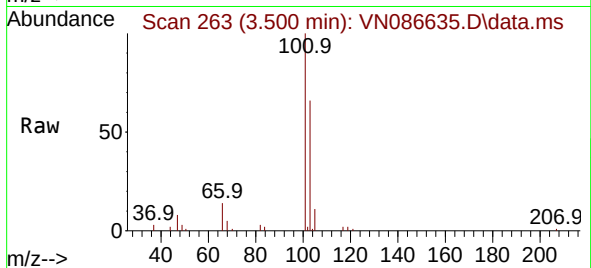
Tgt Ion: 64 Resp: 37677
Ion Ratio Lower Upper
64 100
66 30.2 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 18.406 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086635.D
 Acq: 15 May 2025 11:10

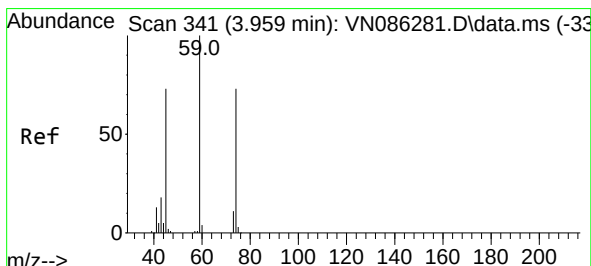
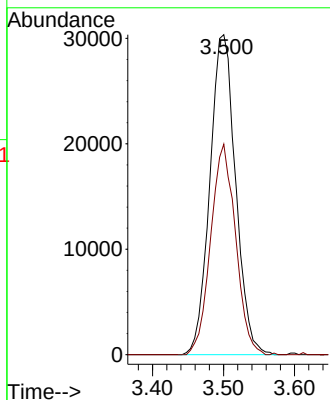
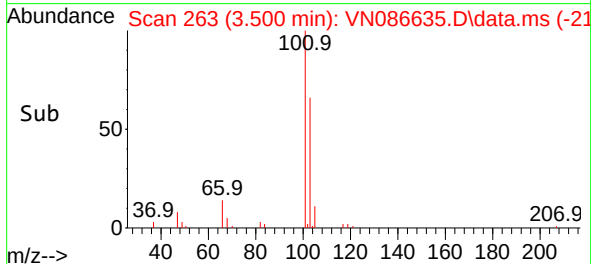
Instrument :
 MSVOA_N
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 VN0515WBSD01



Tgt Ion:101 Resp: 7634
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.2 73.8

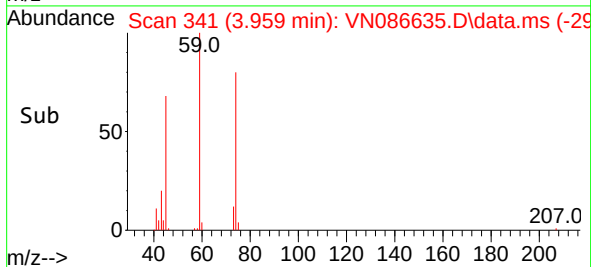
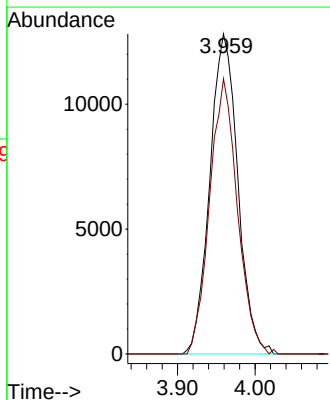
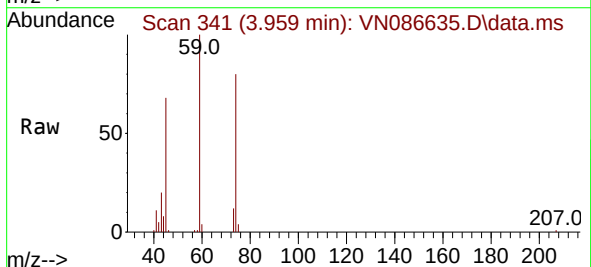
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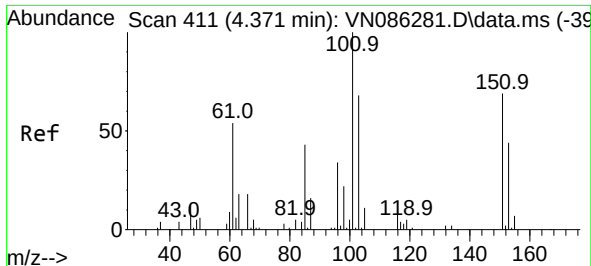
Reviewed By :John Carlone 05/16/2025
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#8
 Diethyl Ether
 Concen: 17.756 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086635.D
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Tgt Ion: 74 Resp: 32151
 Ion Ratio Lower Upper
 74 100
 45 85.3 48.0 144.2





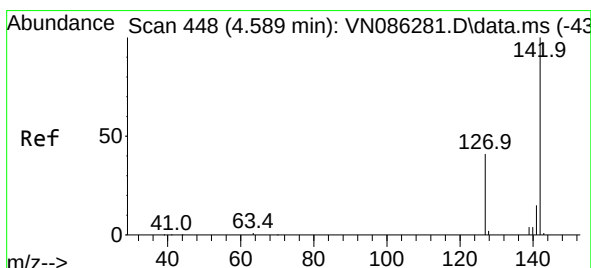
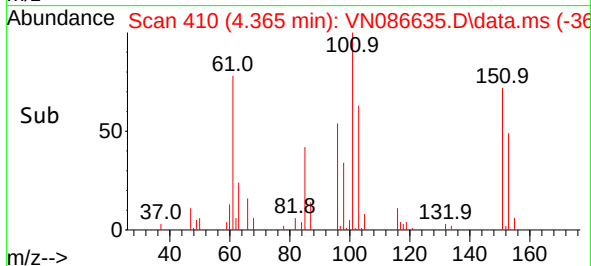
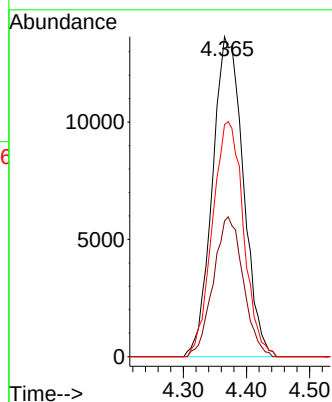
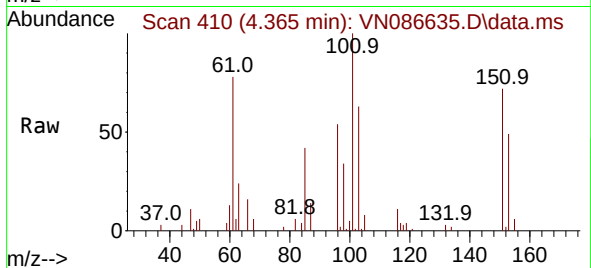
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.460 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086635.D
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MSVOA_N
ClientSampleId :
VN0515WBSD01

Tgt Ion:101 Resp: 4631
Ion Ratio Lower Upper
101 100
85 42.3 34.7 52.1
151 73.9 56.1 84.1

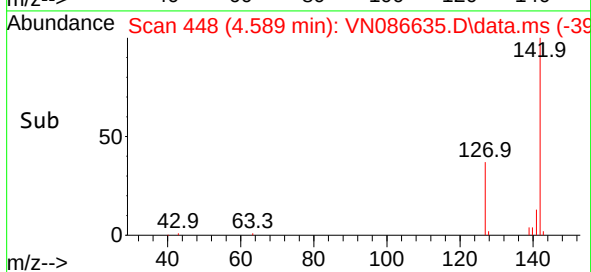
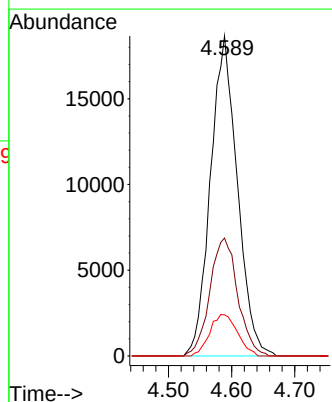
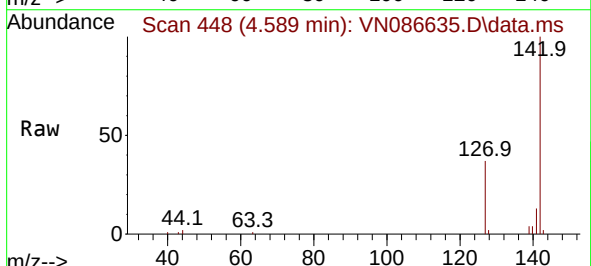
Manual Integrations
APPROVED

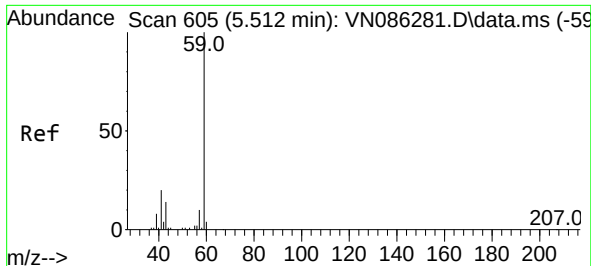
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#10
Methyl Iodide
Concen: 19.954 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

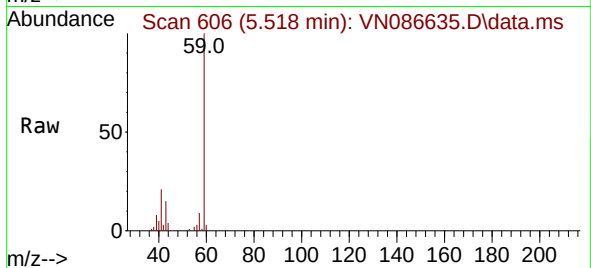
Tgt Ion:142 Resp: 55044
Ion Ratio Lower Upper
142 100
127 36.8 32.7 49.1
141 12.8 11.7 17.5





#11
Tert butyl alcohol
Concen: 84.677 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

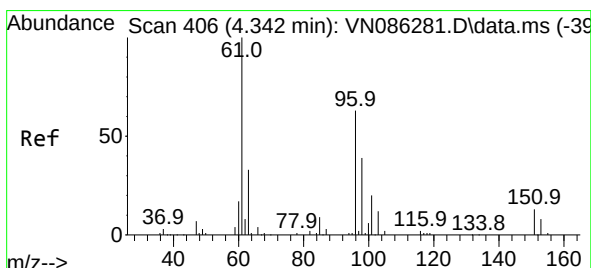
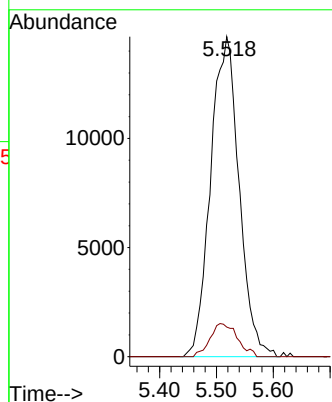
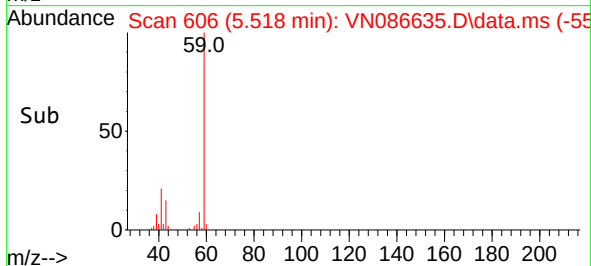
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



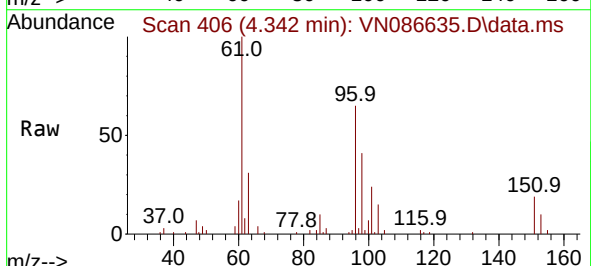
Tgt Ion: 59 Resp: 51020
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
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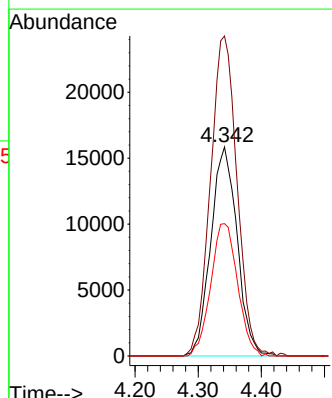
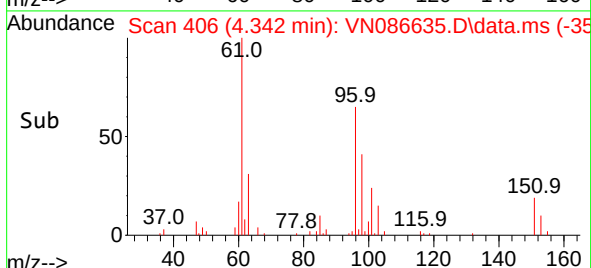
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

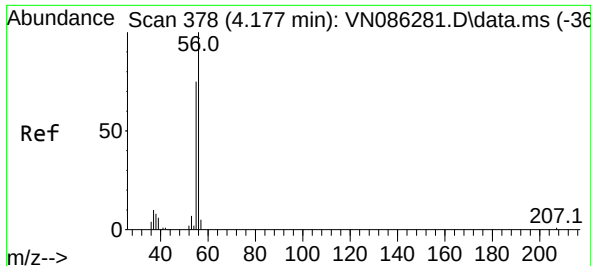


#12
1,1-Dichloroethene
Concen: 17.115 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



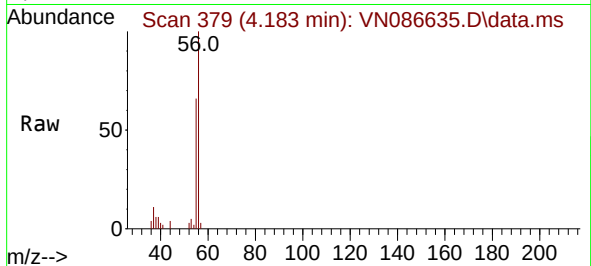
Tgt Ion: 96 Resp: 45879
Ion Ratio Lower Upper
96 100
61 153.1 126.6 189.8
98 63.3 49.6 74.4





#13
Acrolein
Concen: 95.900 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

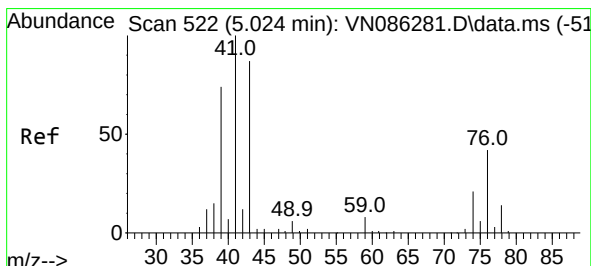
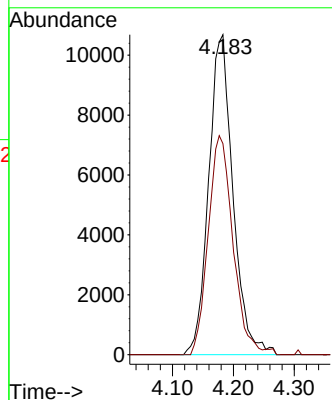
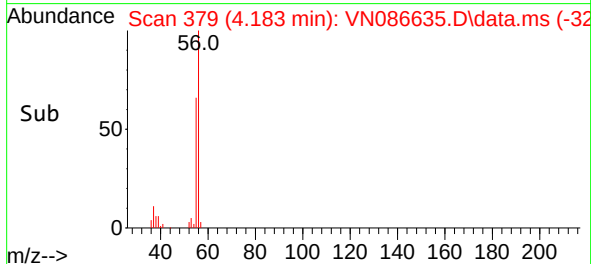
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



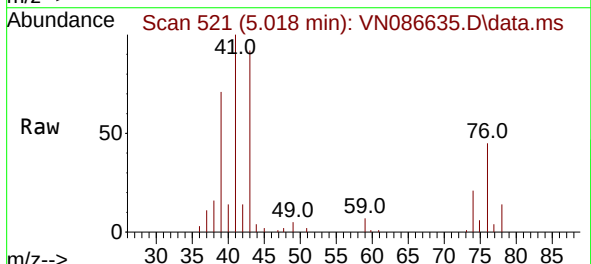
Tgt Ion: 56 Resp: 29560
Ion Ratio Lower Upper
56 100
55 70.0 58.5 87.7

Manual Integrations
APPROVED

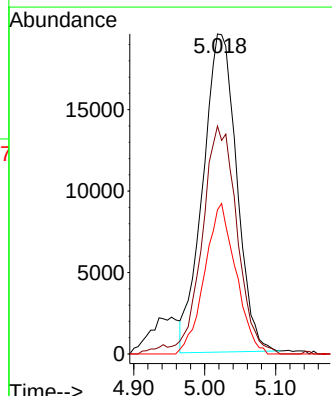
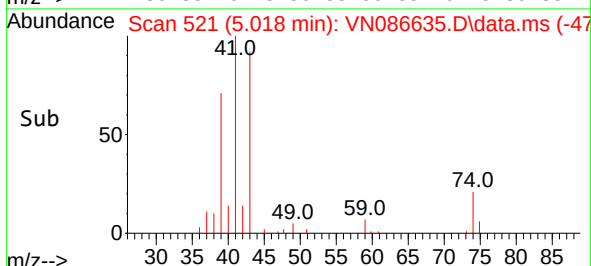
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

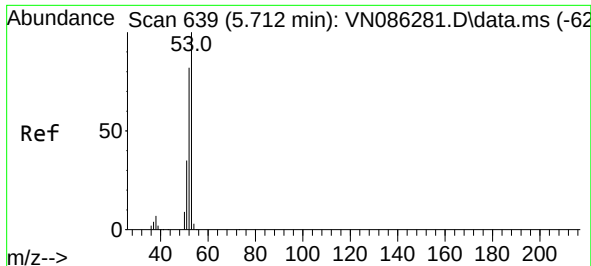


#14
Allyl chloride
Concen: 13.580 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



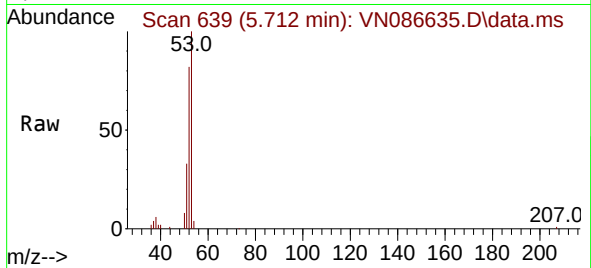
Tgt Ion: 41 Resp: 64715
Ion Ratio Lower Upper
41 100
39 73.3 59.2 88.8
76 43.5 31.2 46.8





#15
Acrylonitrile
Concen: 84.598 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

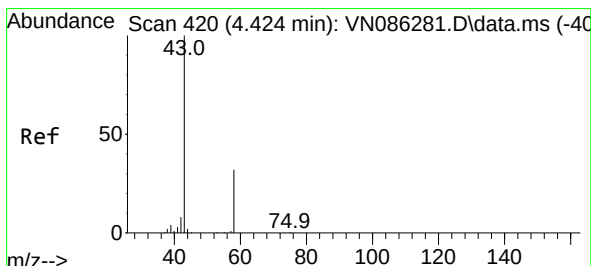
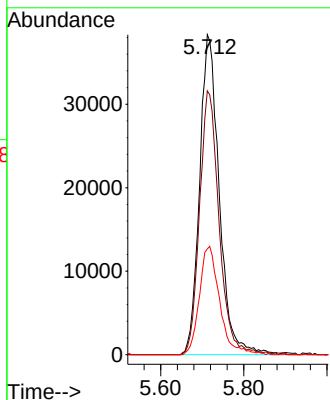
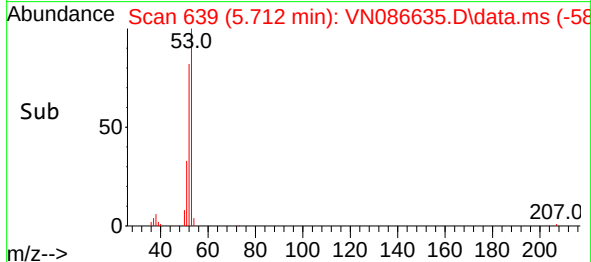
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



Tgt Ion: 53 Resp: 12602
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 35.0 28.6 42.8

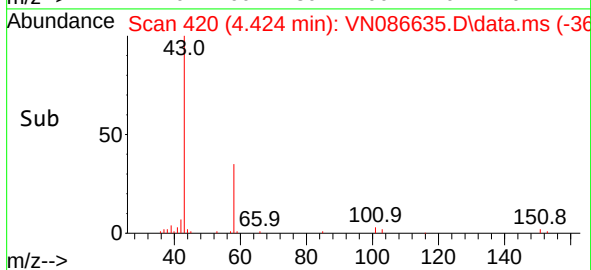
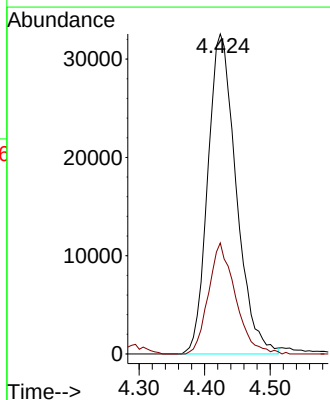
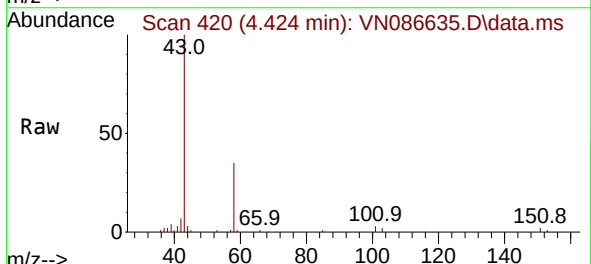
Manual Integrations
APPROVED

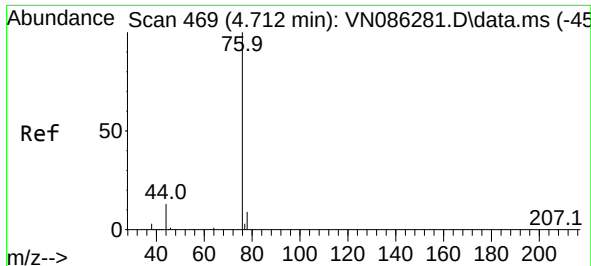
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#16
Acetone
Concen: 81.903 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

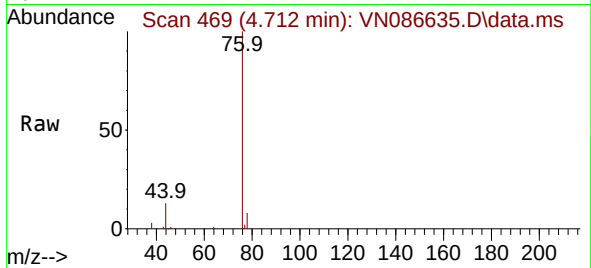
Tgt Ion: 43 Resp: 97903
Ion Ratio Lower Upper
43 100
58 34.7 25.3 37.9





#17
Carbon Disulfide
Concen: 15.079 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

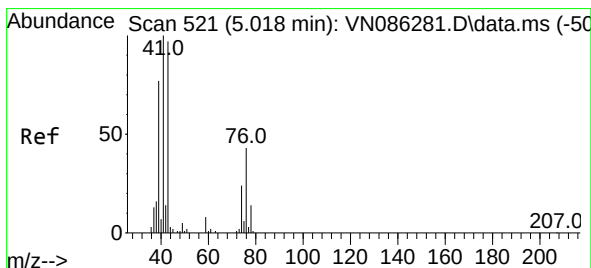
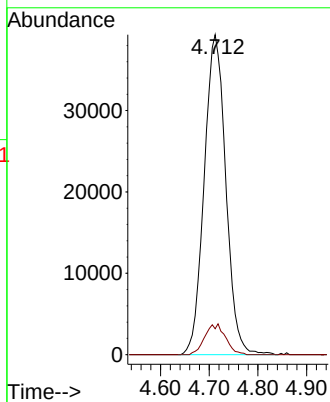
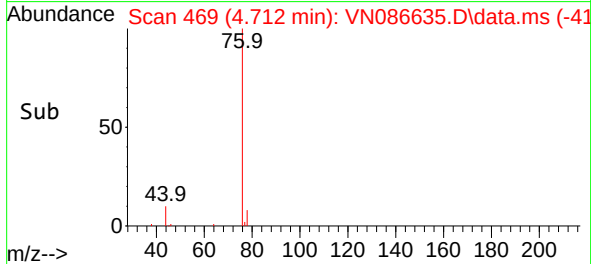
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



Tgt Ion: 76 Resp: 121029
Ion Ratio Lower Upper
76 100
78 8.1 7.6 11.4

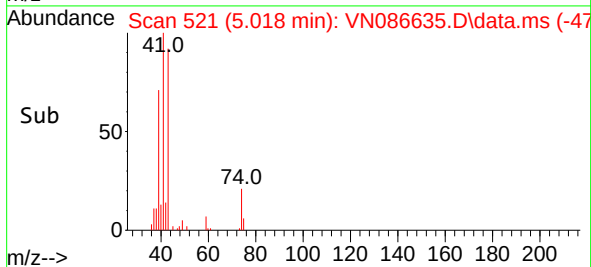
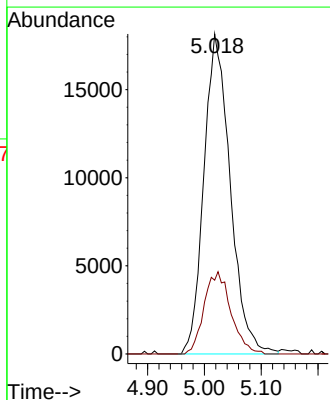
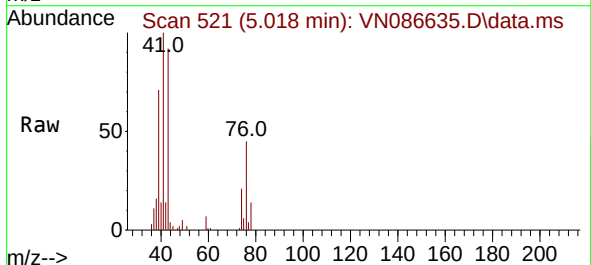
Manual Integrations
APPROVED

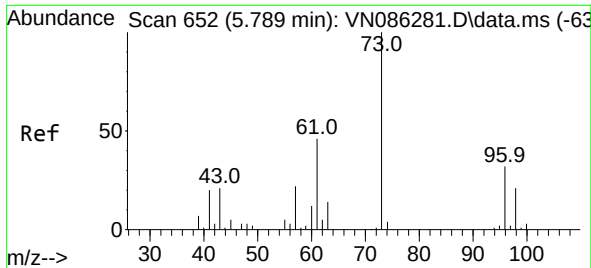
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#18
Methyl Acetate
Concen: 14.770 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Tgt Ion: 43 Resp: 58556
Ion Ratio Lower Upper
43 100
74 26.1 19.8 29.6





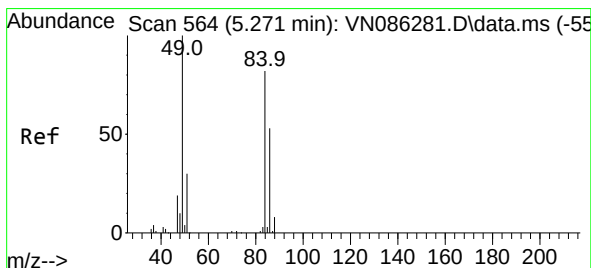
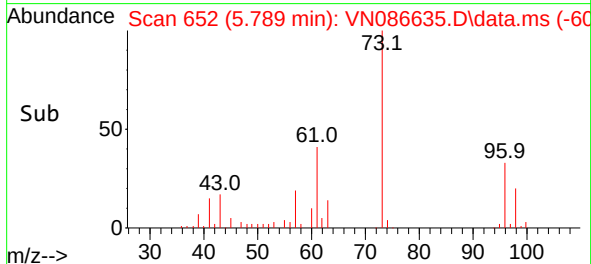
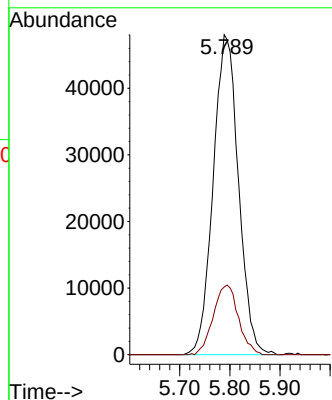
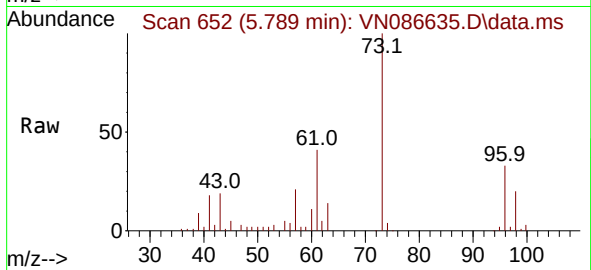
#19
Methyl tert-butyl Ether
Concen: 17.061 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

Tgt Ion: 73 Resp: 16811
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

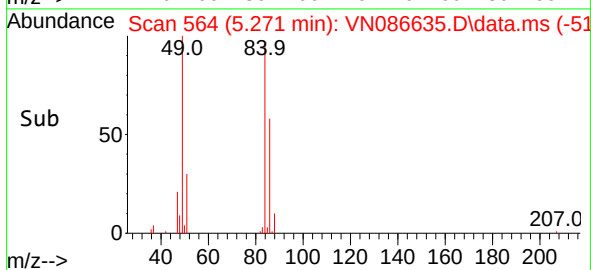
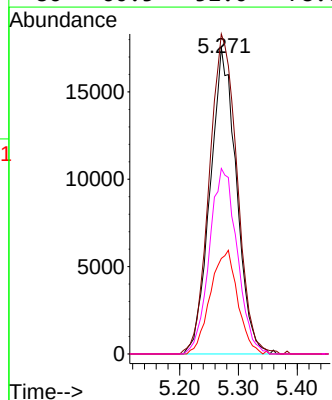
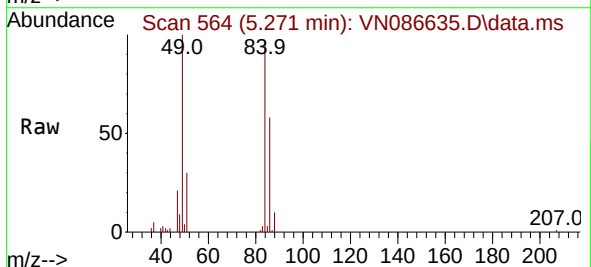
Manual Integrations
APPROVED

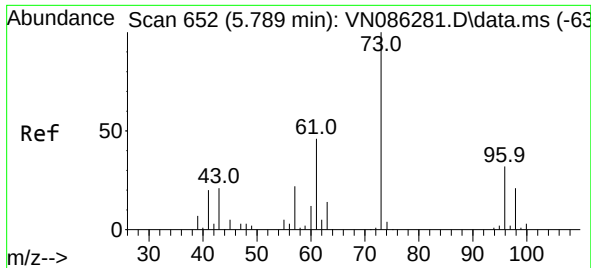
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#20
Methylene Chloride
Concen: 17.815 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

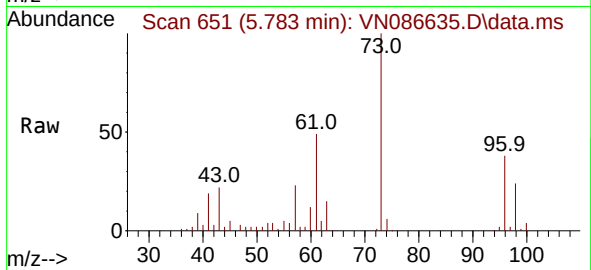
Tgt Ion: 84 Resp: 54393
Ion Ratio Lower Upper
84 100
49 104.4 98.2 147.2
51 31.2 29.8 44.6
86 60.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 17.403 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

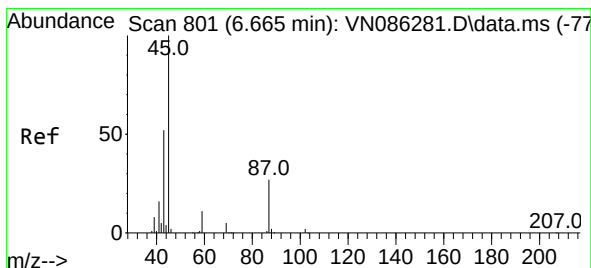
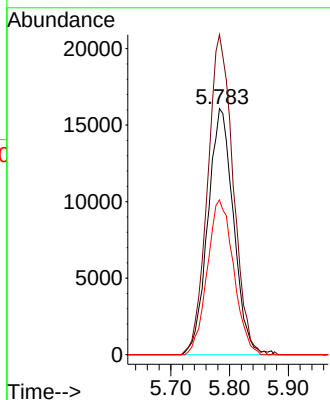
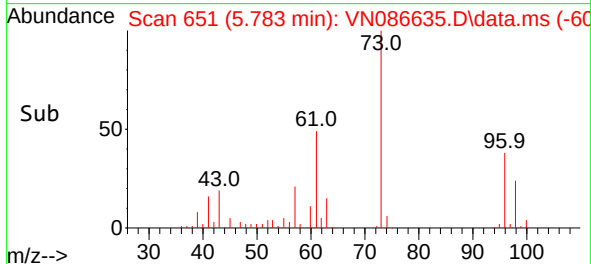
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



Tgt Ion: 96 Resp: 48772
Ion Ratio Lower Upper
96 100
61 130.0 114.6 171.8
98 62.9 51.2 76.8

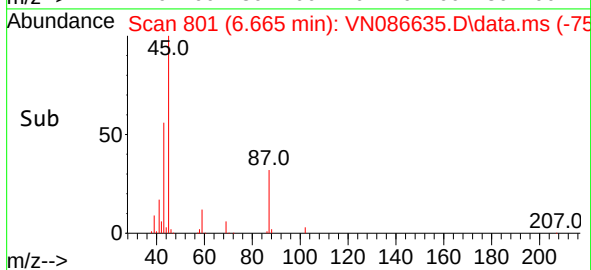
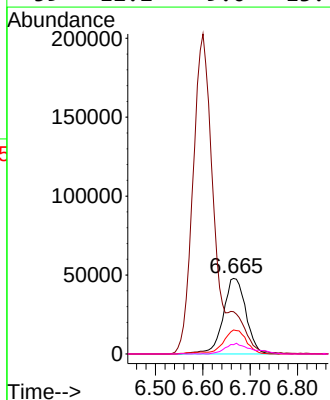
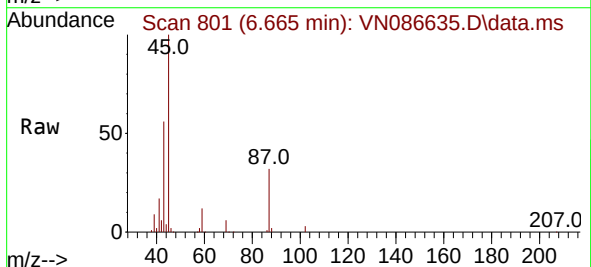
Manual Integrations
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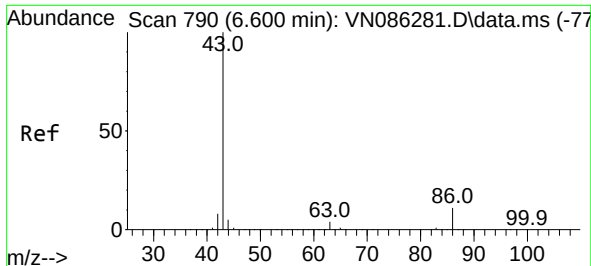
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#22
Diisopropyl ether
Concen: 15.368 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Tgt Ion: 45 Resp: 159307
Ion Ratio Lower Upper
45 100
43 54.5 41.8 62.8
87 31.7 21.6 32.4
59 12.2 9.0 13.4





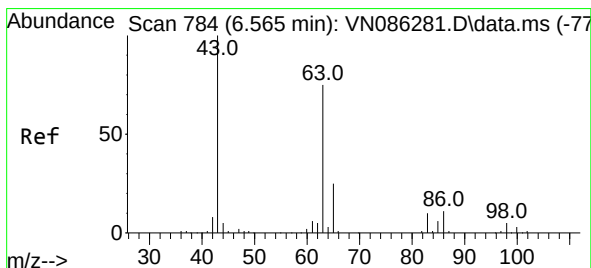
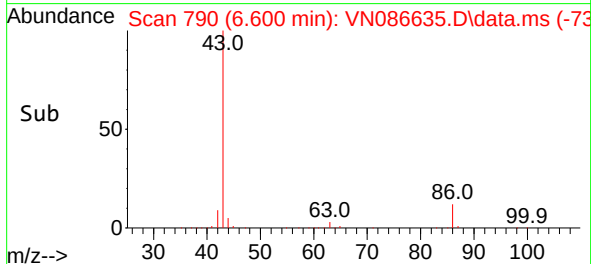
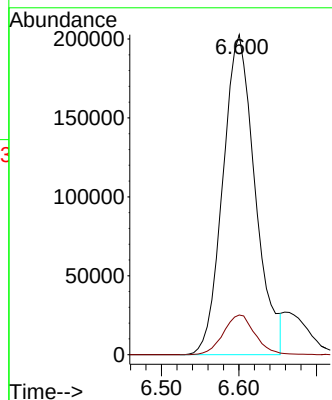
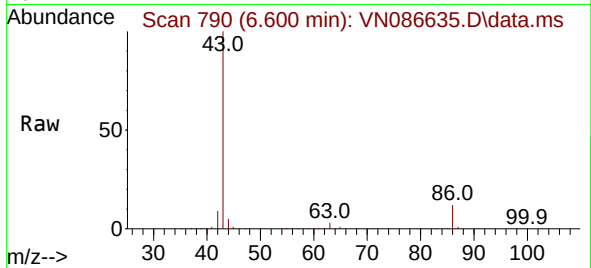
#23
 Vinyl Acetate
 Concen: 81.009 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086635.D
 Acq: 15 May 2025 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01

Tgt Ion: 43 Resp: 587039
 Ion Ratio Lower Upper
 43 100
 86 12.4 8.6 13.0

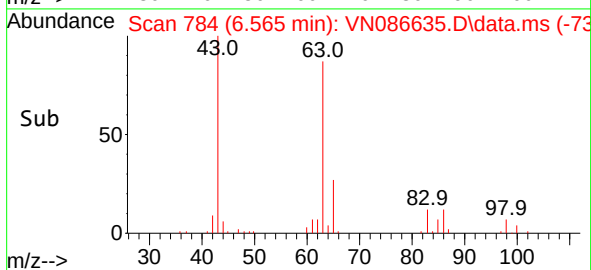
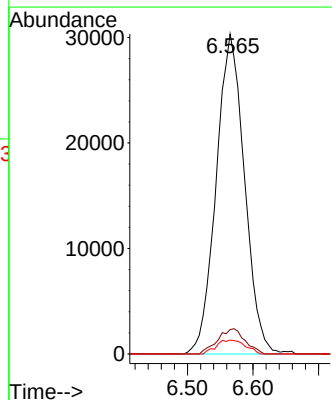
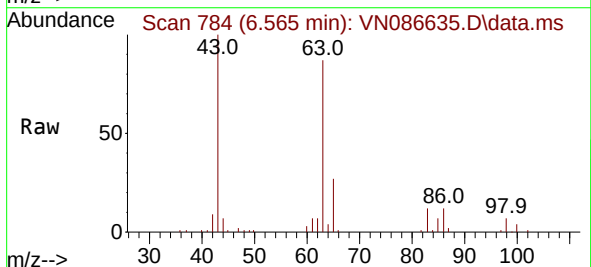
Manual Integrations
 APPROVED

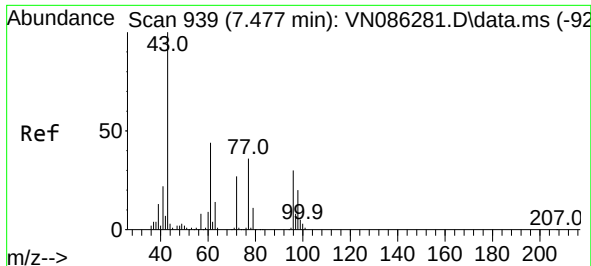
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025



#24
 1,1-Dichloroethane
 Concen: 16.612 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086635.D
 Acq: 15 May 2025 11:10

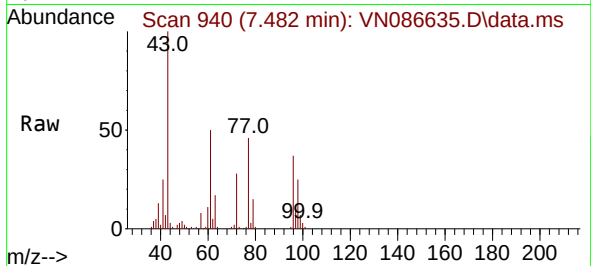
Tgt Ion: 63 Resp: 90860
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 77.689 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

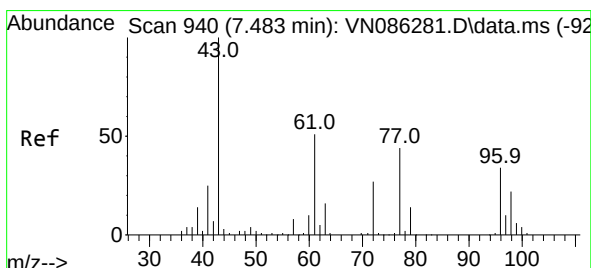
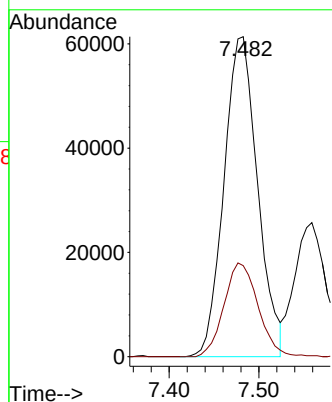
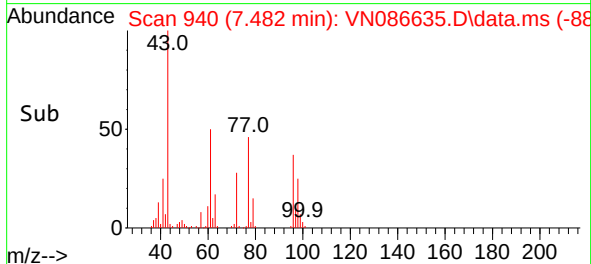
Instrument :
MSVOA_N
Client Sample Id :
VN0515WBSD01



Tgt Ion: 43 Resp: 15970
Ion Ratio Lower Upper
43 100
72 28.4 21.7 32.5

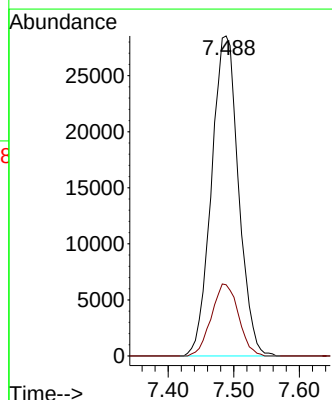
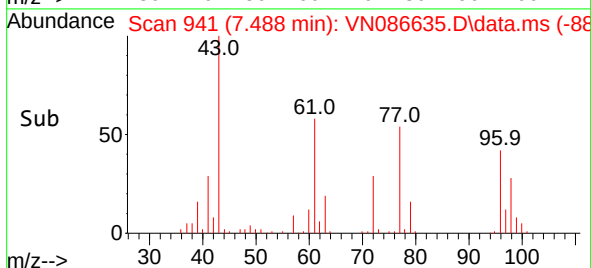
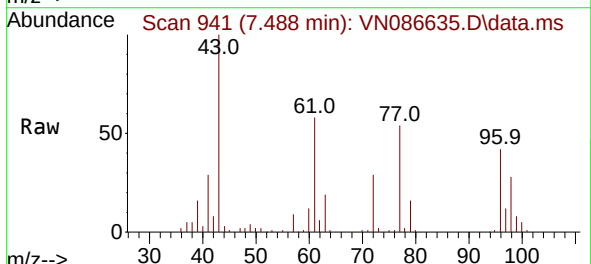
Manual Integrations
APPROVED

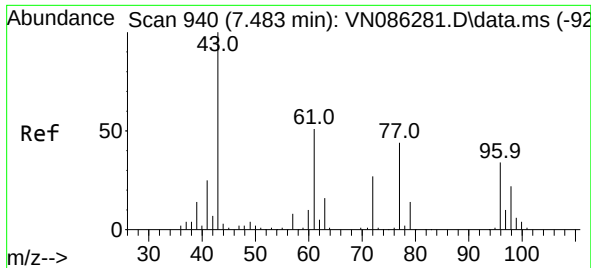
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#26
2,2-Dichloropropane
Concen: 16.663 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

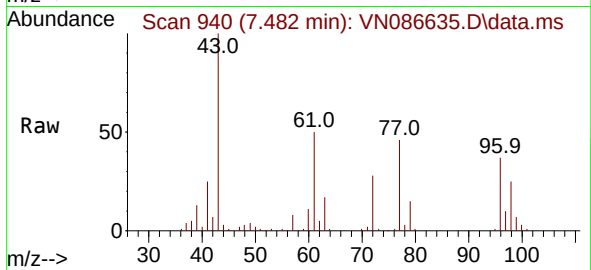
Tgt Ion: 77 Resp: 81603
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 17.639 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086635.D
 Acq: 15 May 2025 11:10

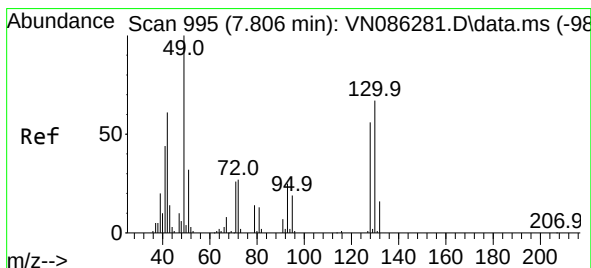
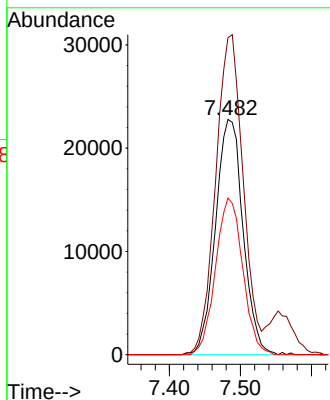
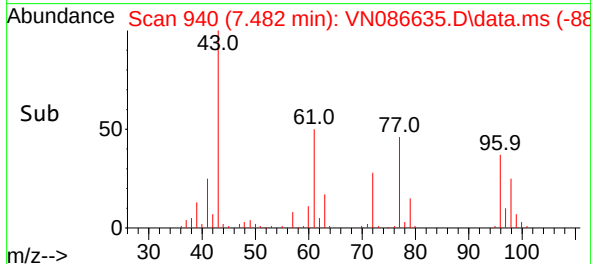
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01



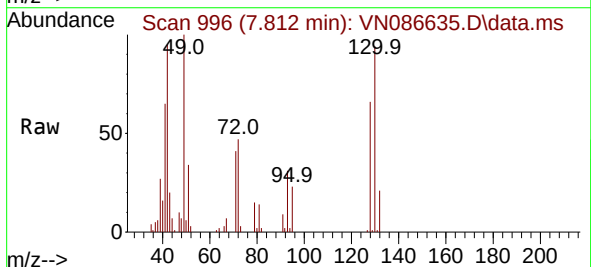
Tgt Ion: 96 Resp: 6135
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 299.0
 98 65.7 0.0 129.6

Manual Integrations
 APPROVED

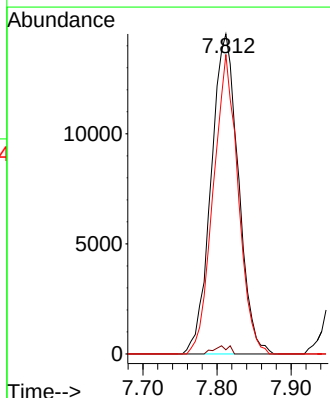
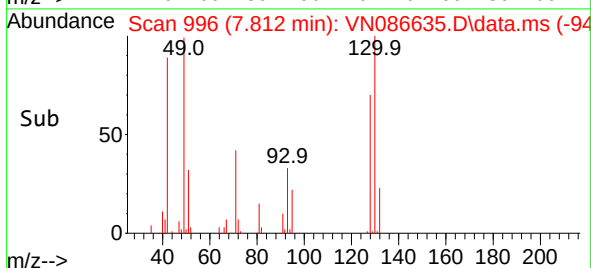
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025

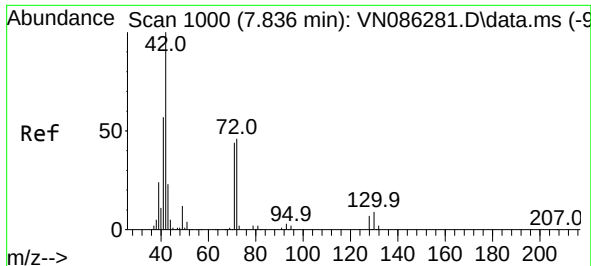


#28
 Bromochloromethane
 Concen: 16.007 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086635.D
 Acq: 15 May 2025 11:10



Tgt Ion: 49 Resp: 37123
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 85.2 57.1 85.7





#29

Tetrahydrofuran

Concen: 77.055 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086635.D

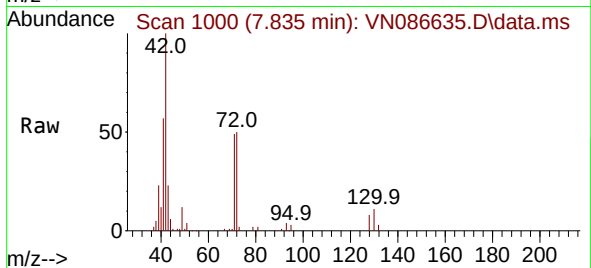
Acq: 15 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01



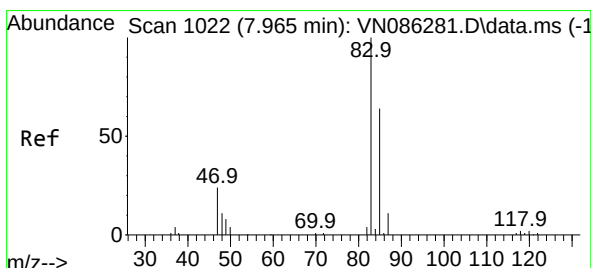
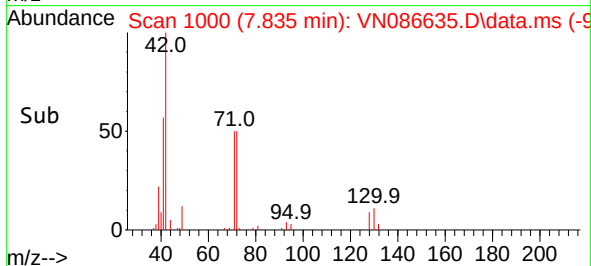
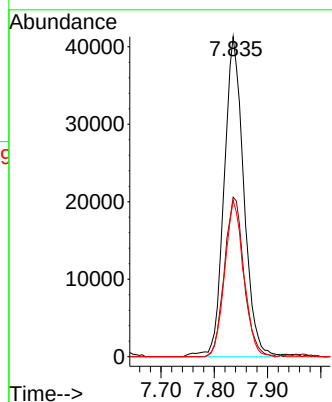
Tgt Ion:	42	Resp:	105920
Ion Ratio	100	Lower	Upper
42	100		
72	49.4	36.2	54.4
71	47.1	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#30

Chloroform

Concen: 17.528 ug/l

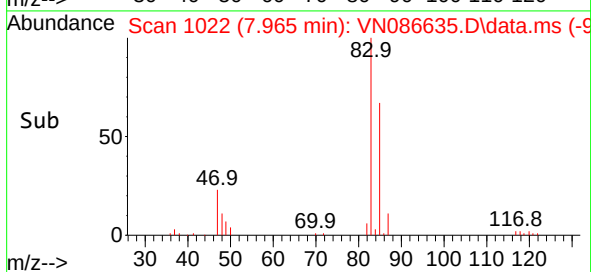
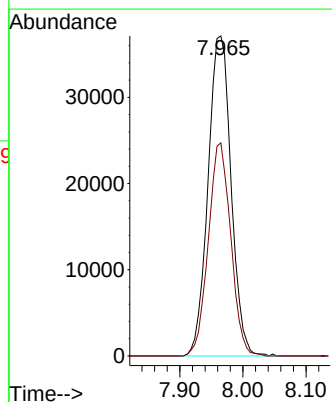
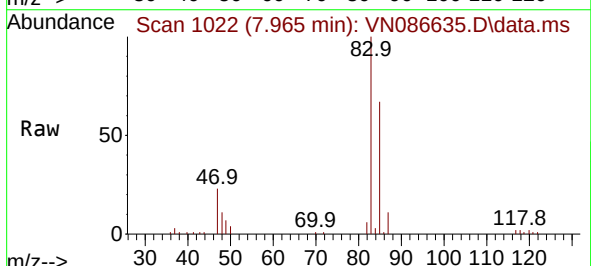
RT: 7.965 min Scan# 1022

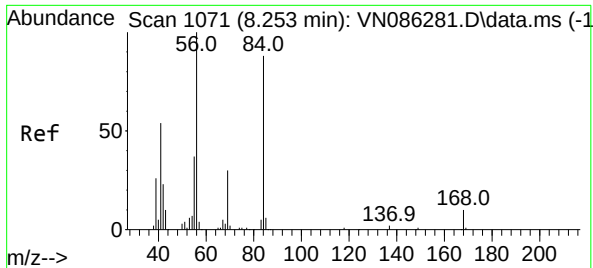
Delta R.T. -0.000 min

Lab File: VN086635.D

Acq: 15 May 2025 11:10

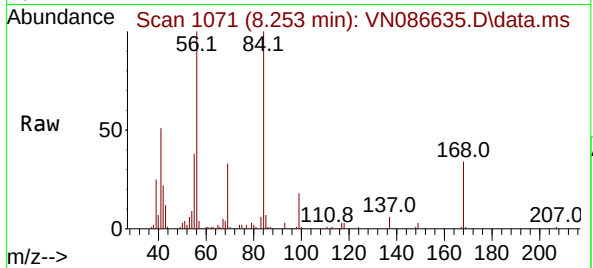
Tgt Ion:	83	Resp:	94180
Ion Ratio	100	Lower	Upper
83	100		
85	66.6	51.5	77.3





#31
Cyclohexane
Concen: 14.779 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

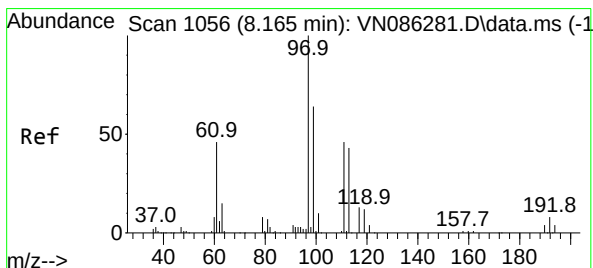
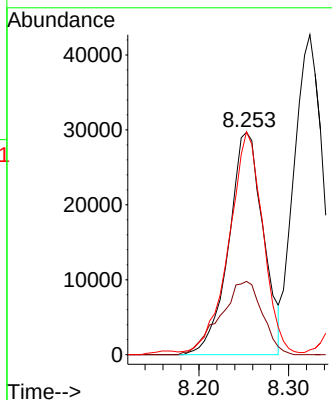
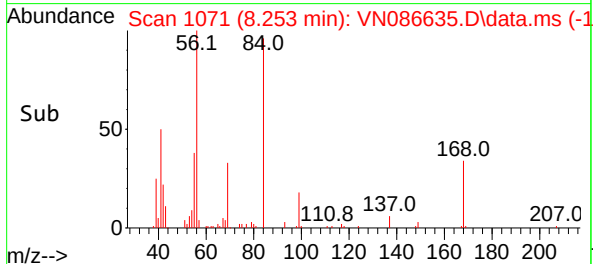
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



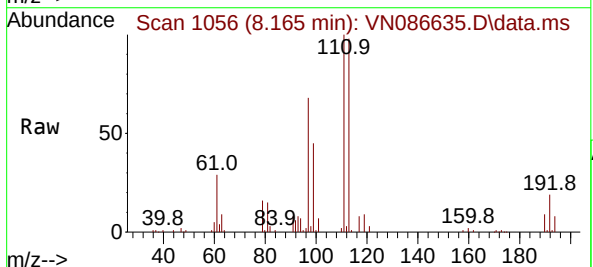
Tgt Ion: 56 Resp: 7910
Ion Ratio Lower Upper
56 100
69 33.0 24.2 36.2
84 98.9 70.3 105.5

Manual Integrations
APPROVED

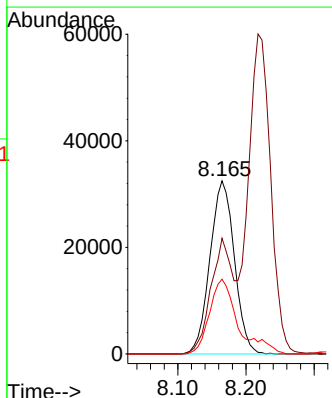
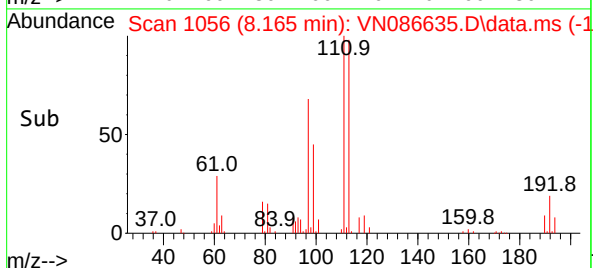
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

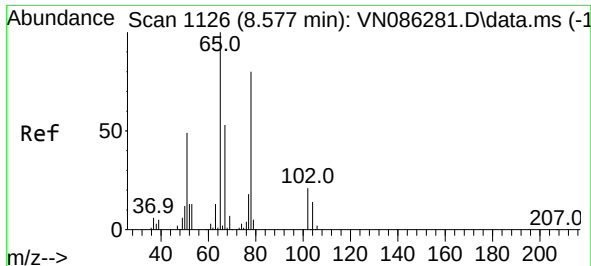


#32
1,1,1-Trichloroethane
Concen: 17.610 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



Tgt Ion: 97 Resp: 80940
Ion Ratio Lower Upper
97 100
99 57.3 52.7 79.1
61 50.3 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 41.299 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086635.D

Acq: 15 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

Tgt Ion: 65 Resp: 13639

Ion Ratio Lower Upper

65 100

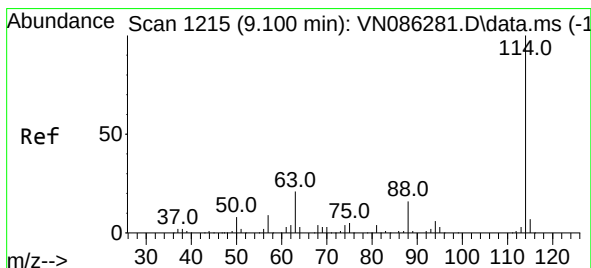
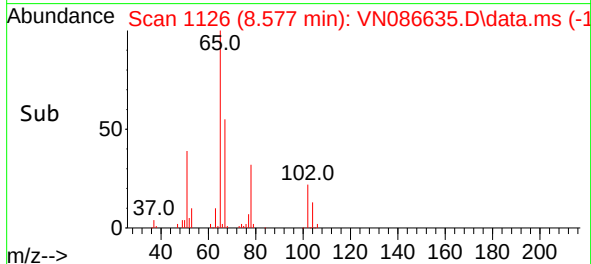
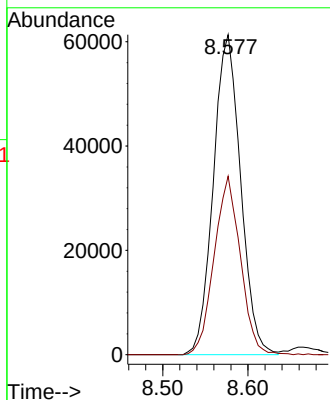
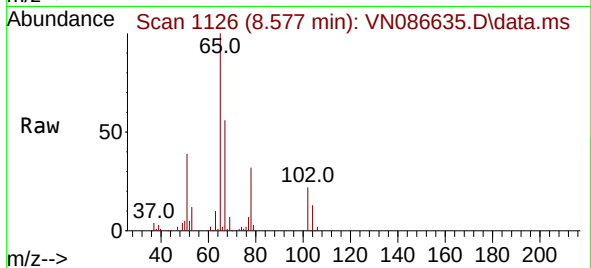
67 53.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086635.D

Acq: 15 May 2025 11:10

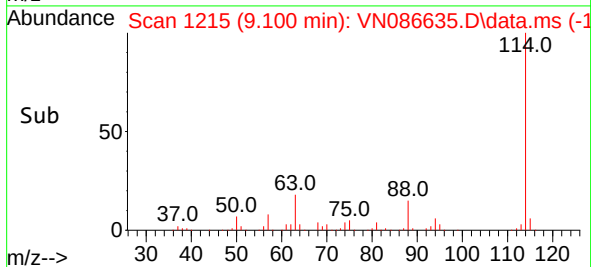
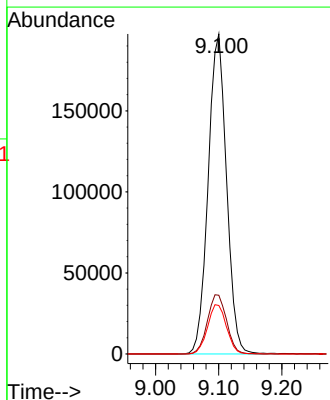
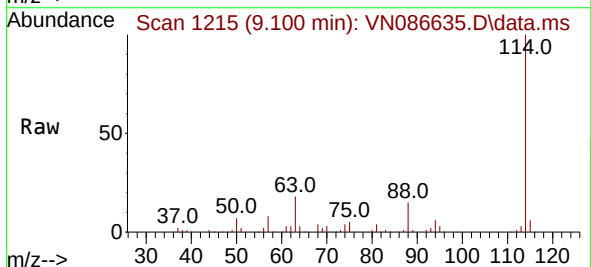
Tgt Ion:114 Resp: 398450

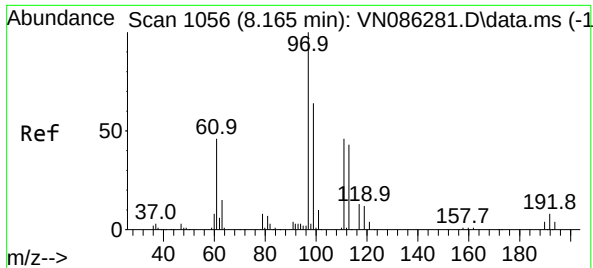
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.6

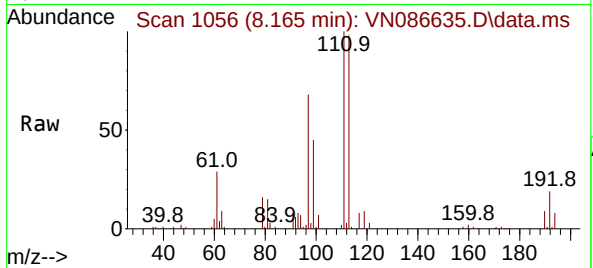
88 15.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 59.627 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

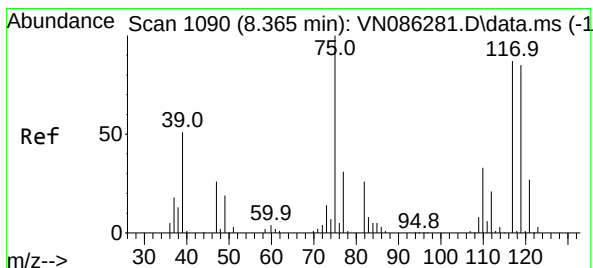
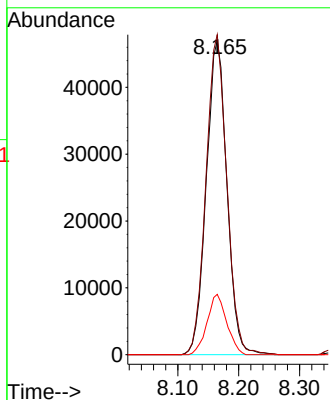
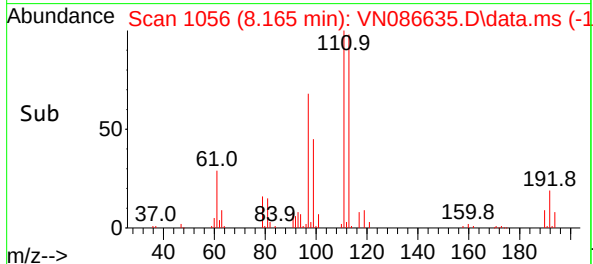
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



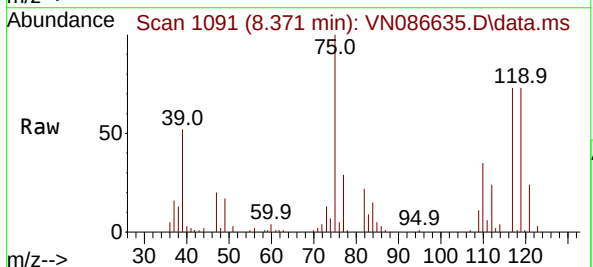
Tgt Ion: 113 Resp: 110260
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.0
192 18.3 13.7 20.5

Manual Integrations
APPROVED

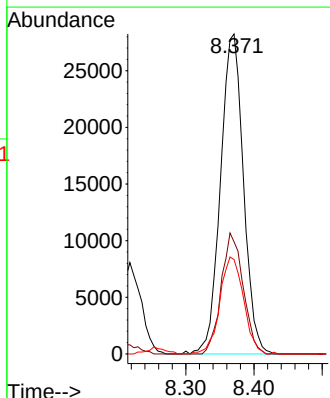
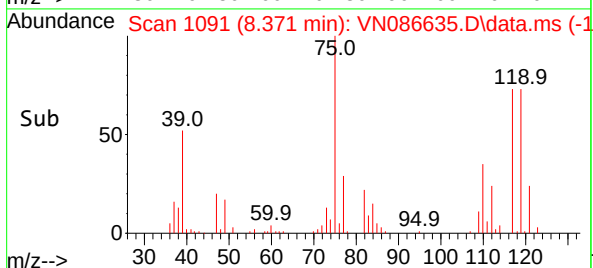
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

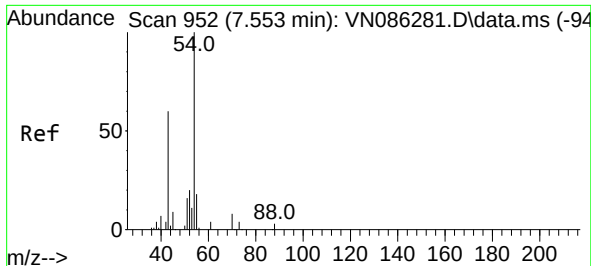


#36
1,1-Dichloropropene
Concen: 17.900 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



Tgt Ion: 75 Resp: 66116
Ion Ratio Lower Upper
75 100
110 36.2 16.8 50.4
77 31.3 24.9 37.3





#37

Ethyl Acetate

Concen: 16.681 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086635.D

Acq: 15 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

Tgt Ion: 43 Resp: 6486

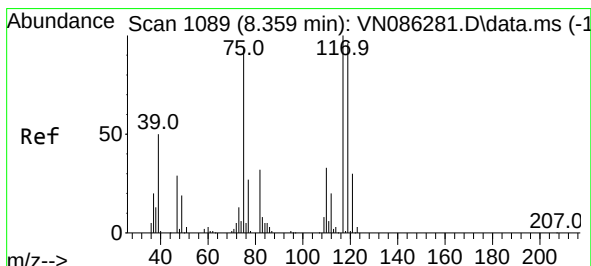
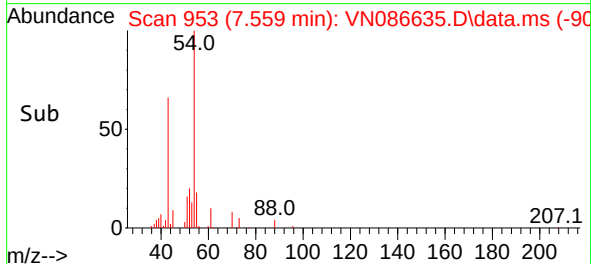
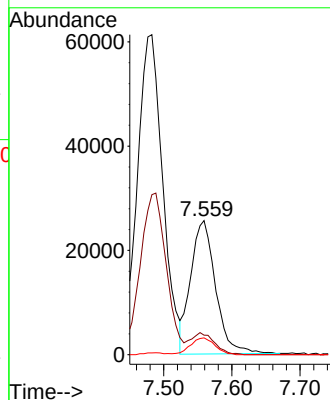
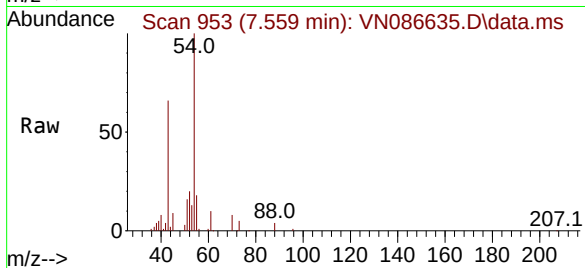
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.1	16.7
70	12.4	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#38

Carbon Tetrachloride

Concen: 19.263 ug/l

RT: 8.359 min Scan# 1089

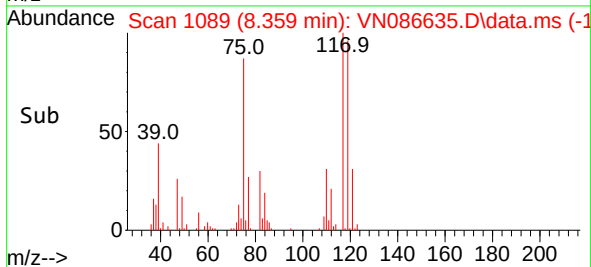
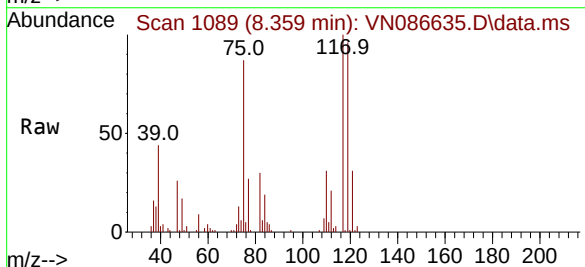
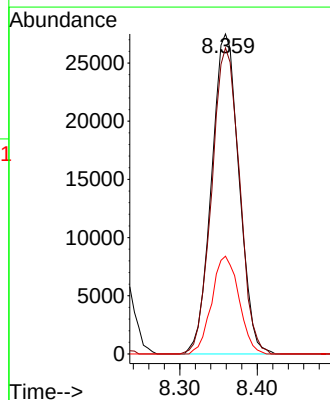
Delta R.T. -0.000 min

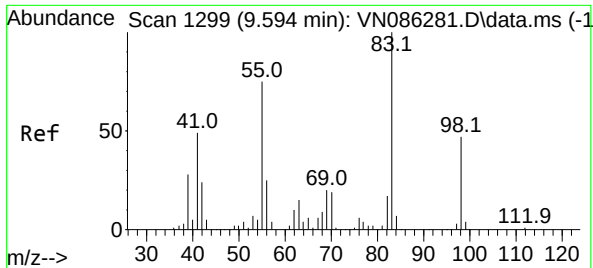
Lab File: VN086635.D

Acq: 15 May 2025 11:10

Tgt Ion:117 Resp: 67756

Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.8	115.2
121	30.5	23.8	35.8





#39

Methylcyclohexane

Concen: 16.519 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086635.D

Acq: 15 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

Tgt Ion: 83 Resp: 7252

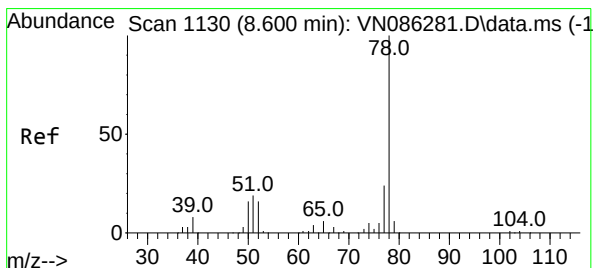
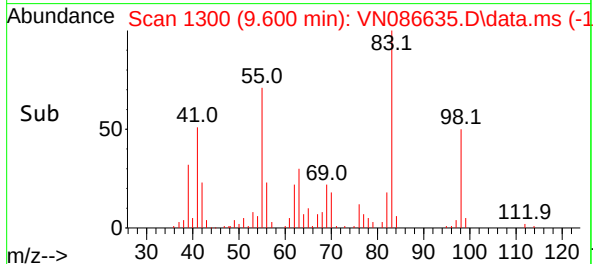
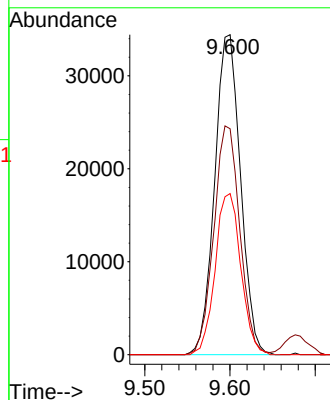
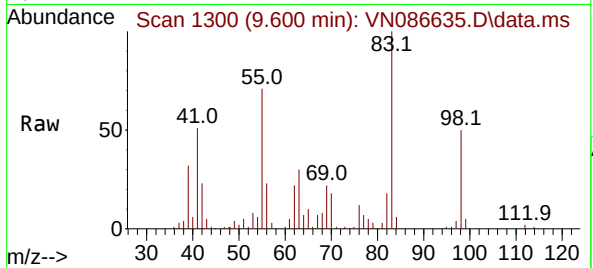
Ion	Ratio	Lower	Upper
83	100		
55	70.6	59.8	89.8
98	50.4	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#40

Benzene

Concen: 18.240 ug/l

RT: 8.606 min Scan# 1131

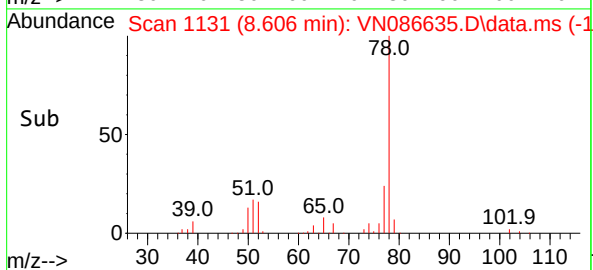
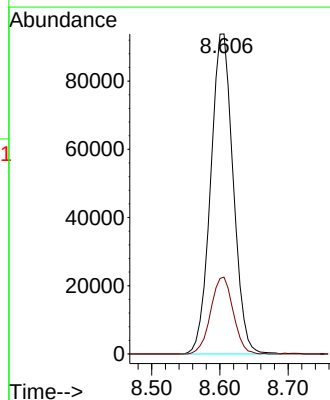
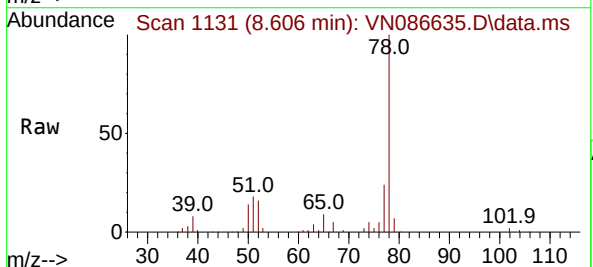
Delta R.T. 0.006 min

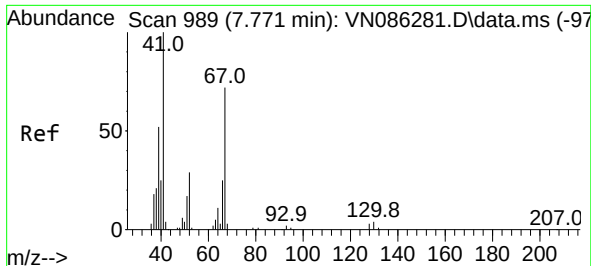
Lab File: VN086635.D

Acq: 15 May 2025 11:10

Tgt Ion: 78 Resp: 215859

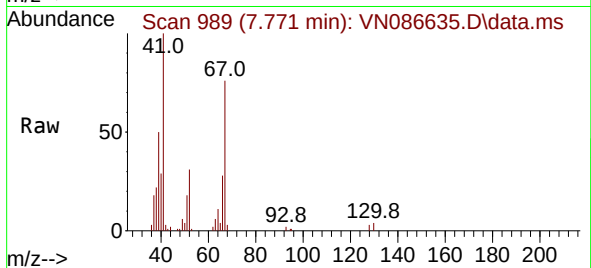
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.2





#41
Methacrylonitrile
Concen: 15.488 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

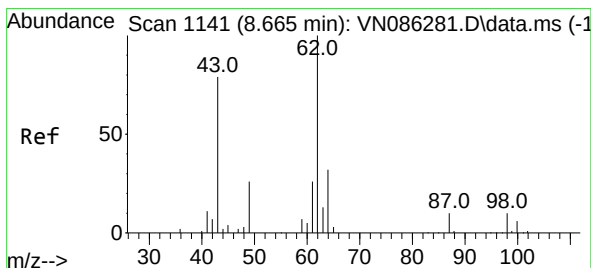
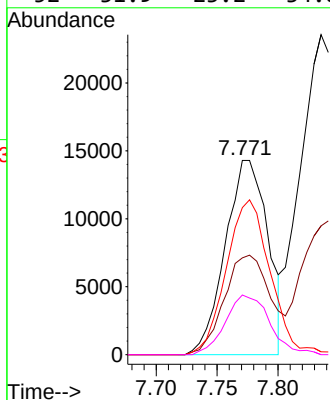
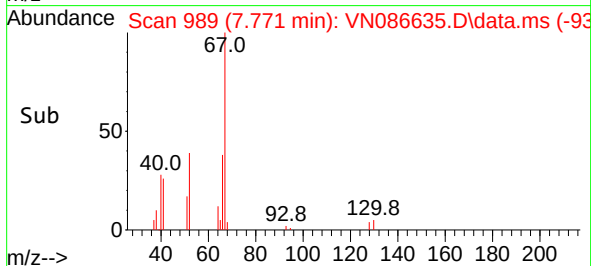
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



Tgt Ion:	41	Resp:	3490
Ion Ratio	100	Lower	Upper
39	56.3	43.0	64.4
67	81.7	58.8	88.2
52	31.9	23.2	34.8

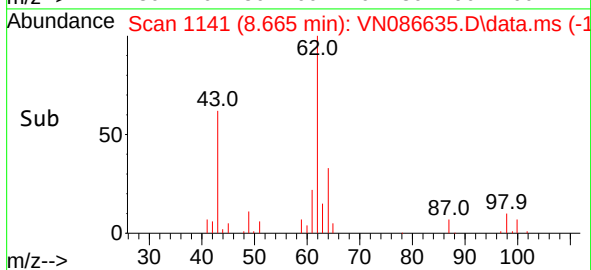
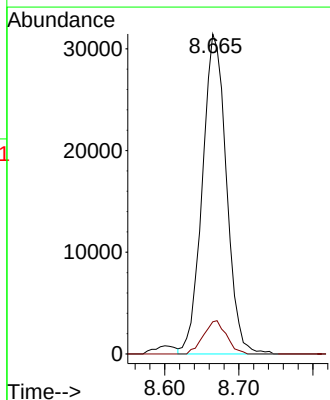
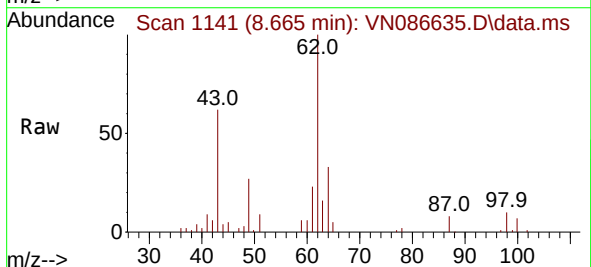
Manual Integrations
APPROVED

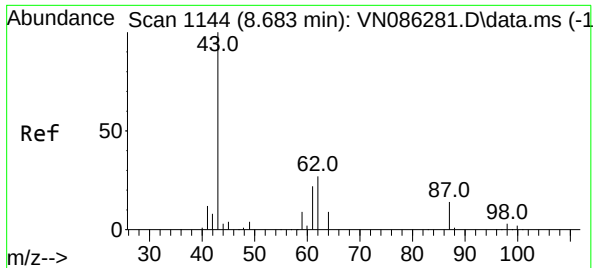
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#42
1,2-Dichloroethane
Concen: 18.785 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

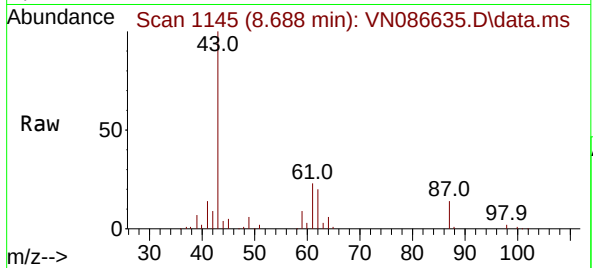
Tgt Ion:	62	Resp:	70892
Ion Ratio	100	Lower	Upper
98	9.9	0.0	19.2





#43
Isopropyl Acetate
Concen: 15.706 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

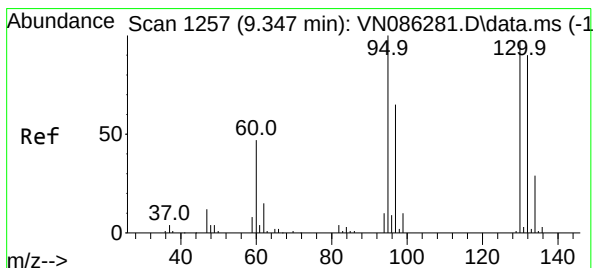
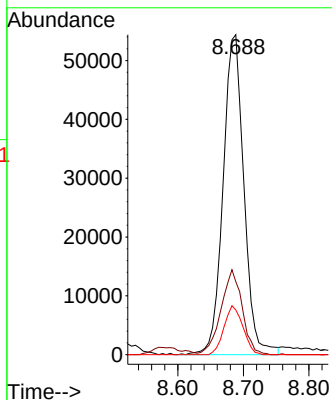
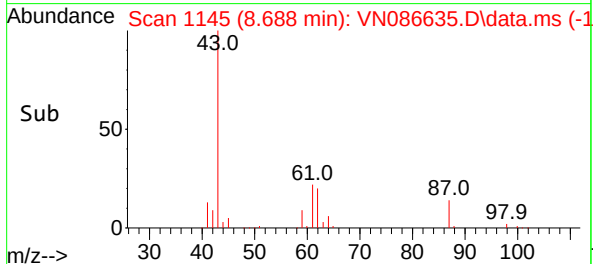
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



Tgt Ion: 43 Resp: 120235
Ion Ratio Lower Upper
43 100
61 27.0 20.5 30.7
87 13.8 10.5 15.7

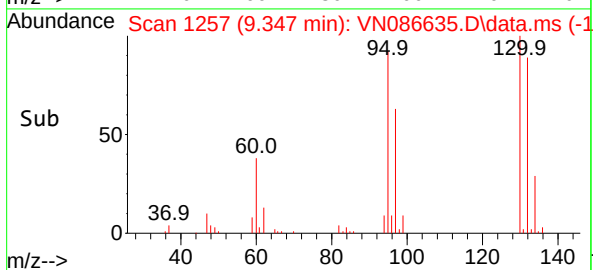
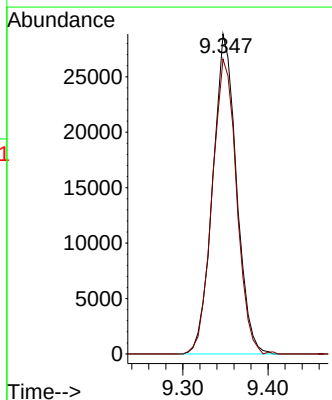
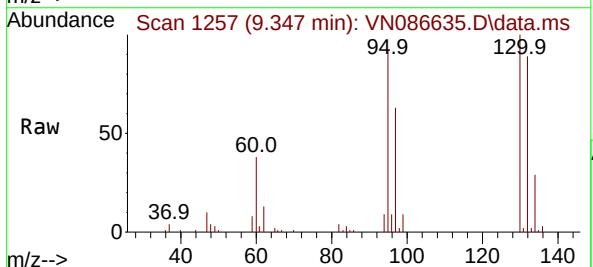
Manual Integrations
APPROVED

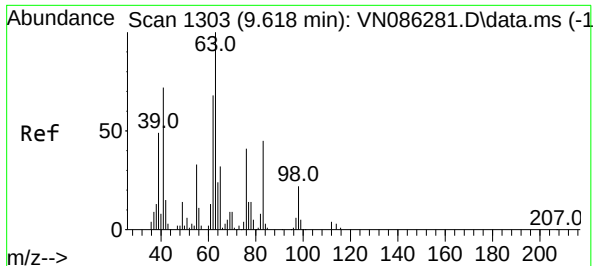
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#44
Trichloroethene
Concen: 19.927 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Tgt Ion:130 Resp: 55894
Ion Ratio Lower Upper
130 100
95 92.1 0.0 207.2





#45

1,2-Dichloropropane

Concen: 17.640 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086635.D

Acq: 15 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

Tgt Ion: 63 Resp: 51098

Ion Ratio Lower Upper

63 100

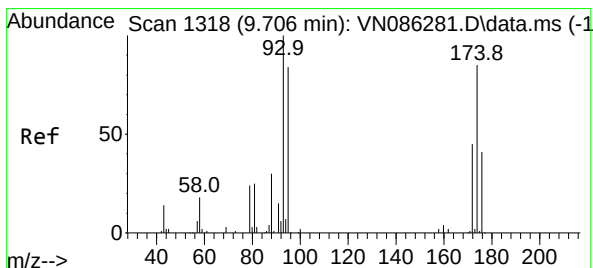
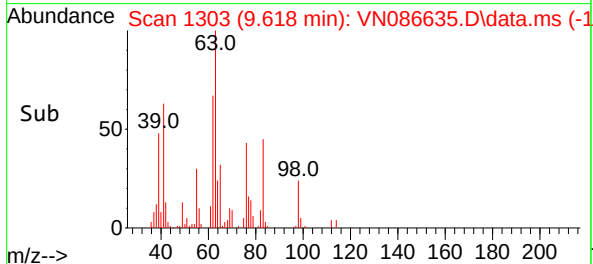
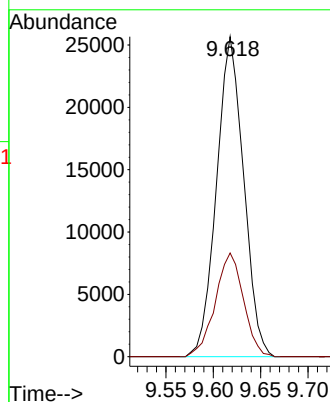
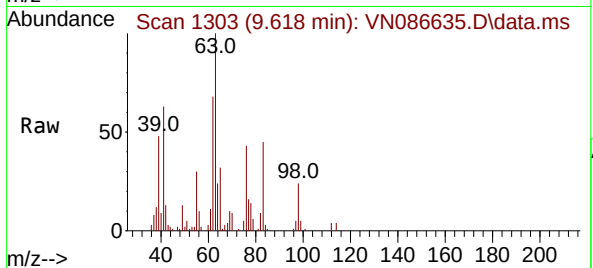
65 32.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#46

Dibromomethane

Concen: 20.019 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086635.D

Acq: 15 May 2025 11:10

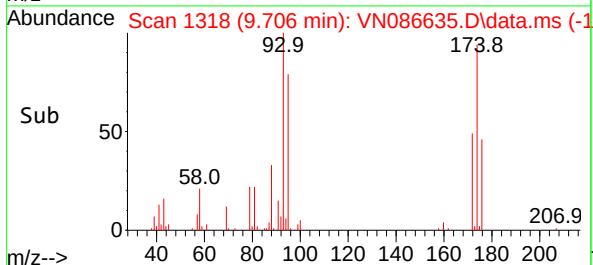
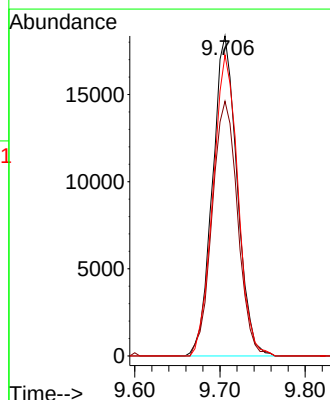
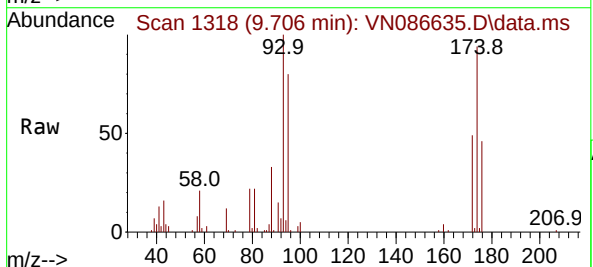
Tgt Ion: 93 Resp: 36948

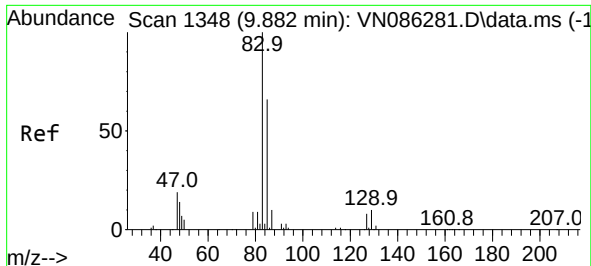
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

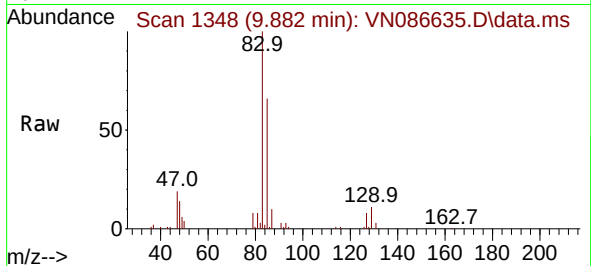
174 95.1 67.8 101.6





#47
Bromodichloromethane
Concen: 18.458 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

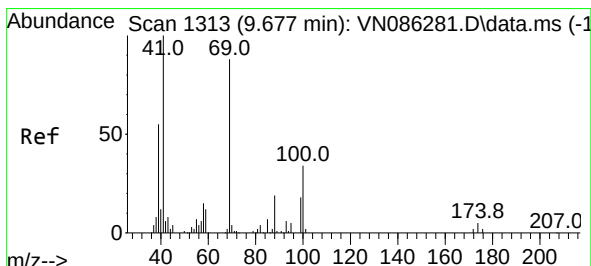
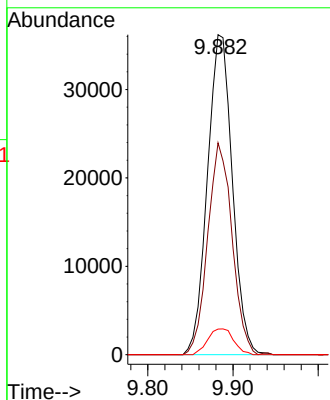
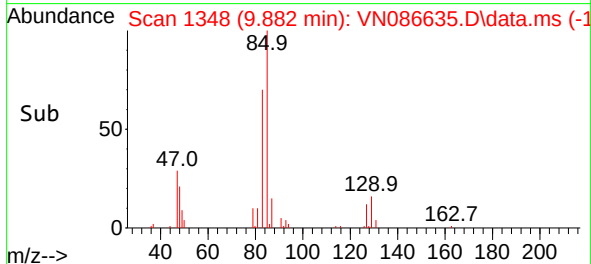
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



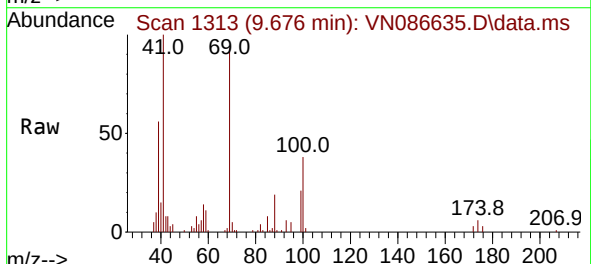
Tgt Ion: 83 Resp: 73579
Ion Ratio Lower Upper
83 100
85 66.2 52.6 78.8
127 8.0 6.1 9.1

Manual Integrations
APPROVED

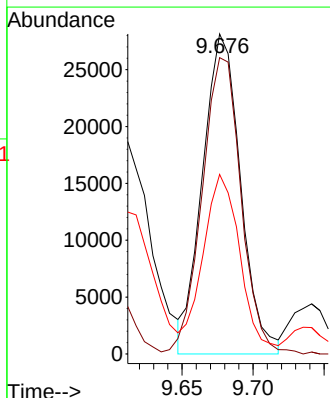
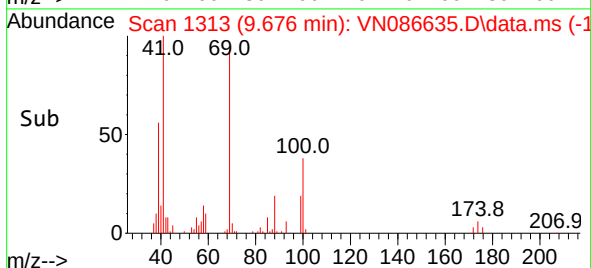
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

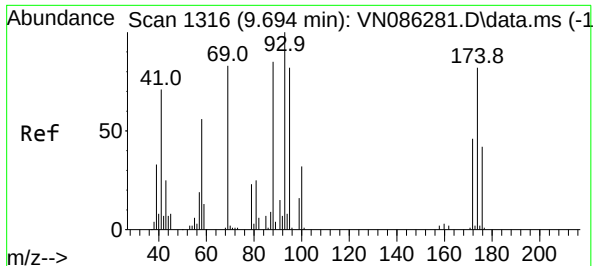


#48
Methyl methacrylate
Concen: 15.351 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



Tgt Ion: 41 Resp: 52420
Ion Ratio Lower Upper
41 100
69 95.0 68.2 102.2
39 55.3 45.2 67.8





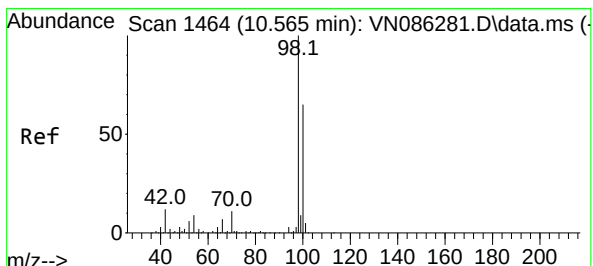
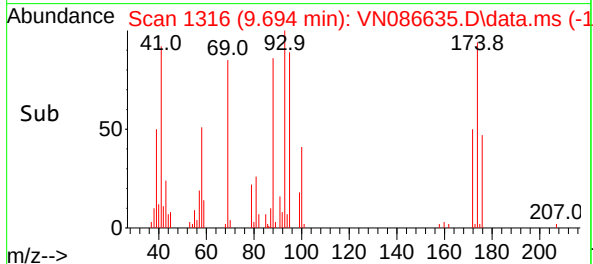
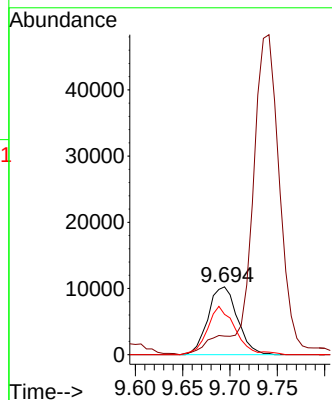
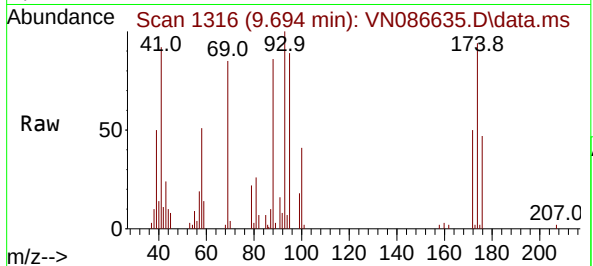
#49
1,4-Dioxane
Concen: 379.489 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

Tgt Ion: 88 Resp: 22043
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8
58 67.9 57.4 86.2

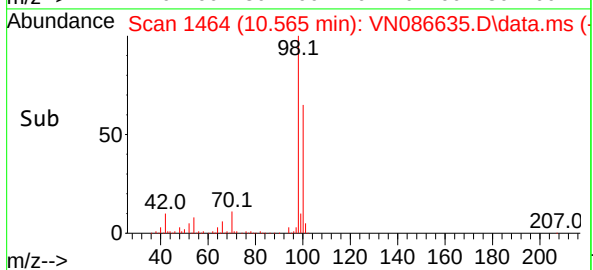
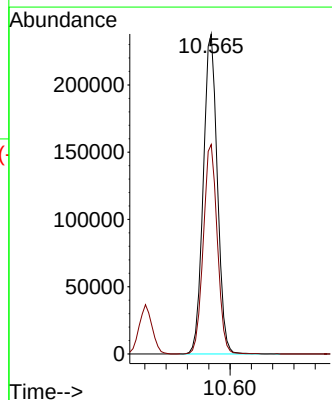
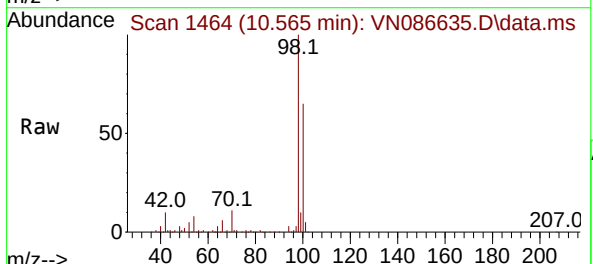
Manual Integrations
APPROVED

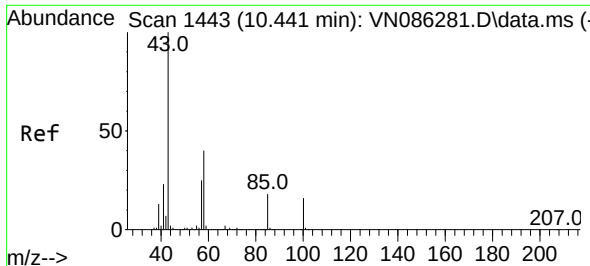
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#50
Toluene-d8
Concen: 44.031 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

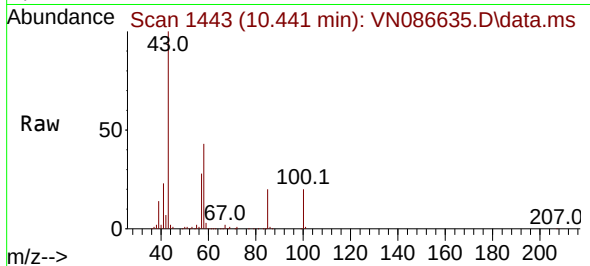
Tgt Ion: 98 Resp: 435176
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 83.384 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

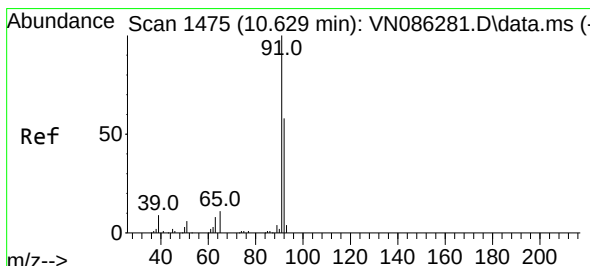
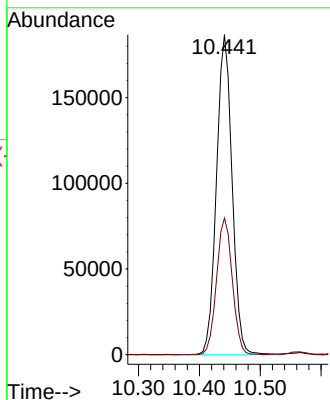
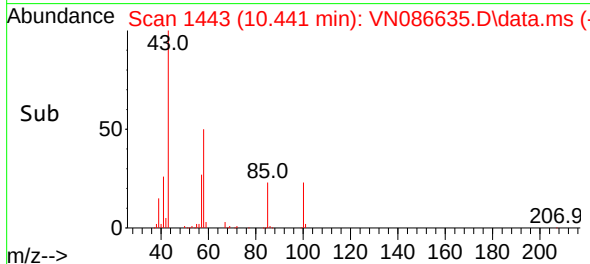
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



Tgt Ion: 43 Resp: 332030
Ion Ratio Lower Upper
43 100
58 43.1 32.2 48.4

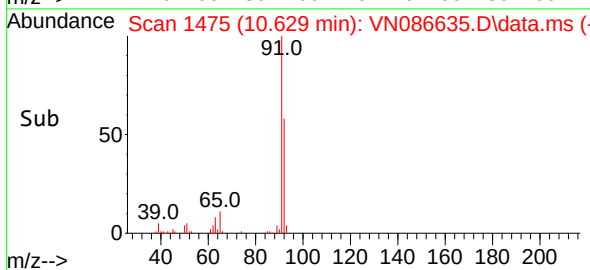
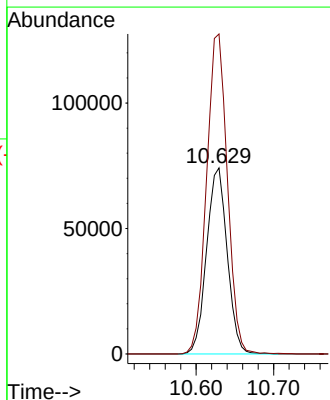
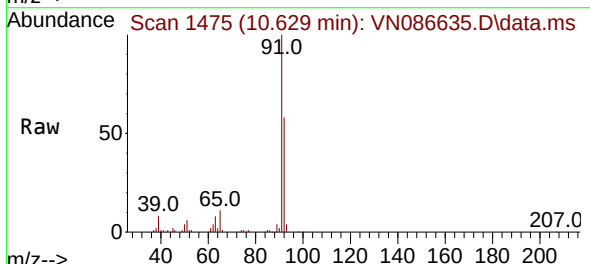
Manual Integrations
APPROVED

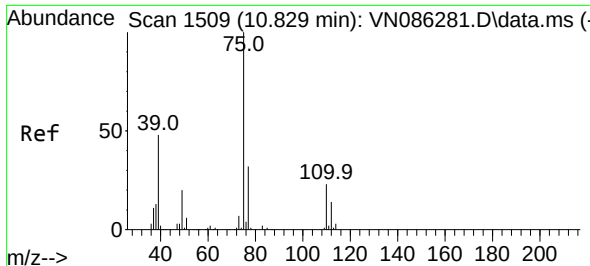
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#52
Toluene
Concen: 18.579 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

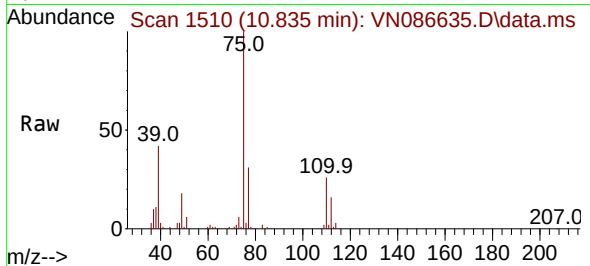
Tgt Ion: 92 Resp: 137189
Ion Ratio Lower Upper
92 100
91 173.2 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 17.958 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

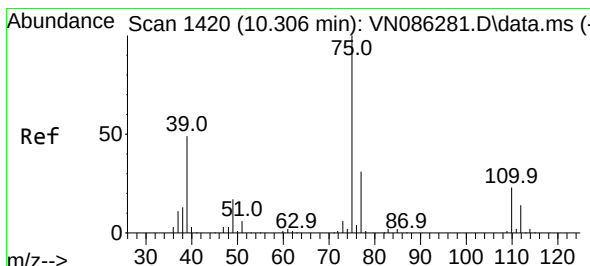
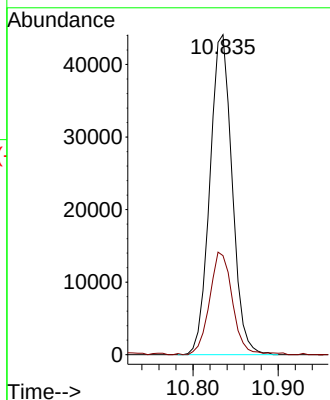
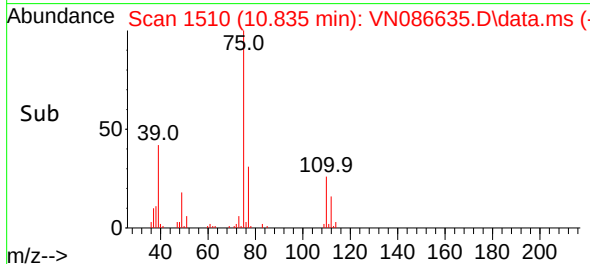
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



Tgt Ion: 75 Resp: 7991
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

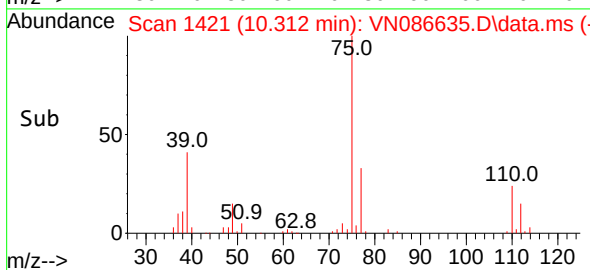
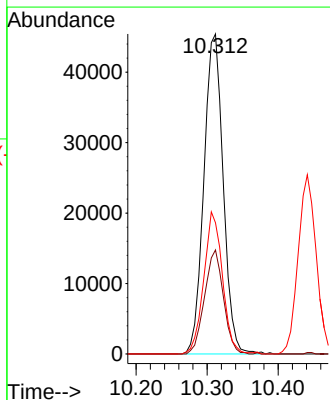
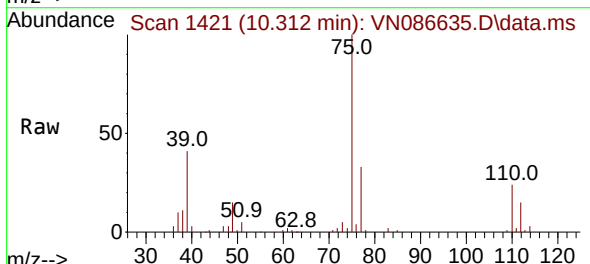
Manual Integrations
APPROVED

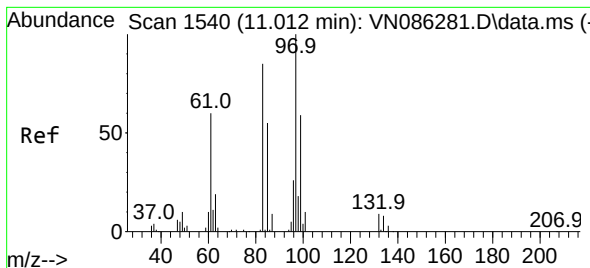
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#54
cis-1,3-Dichloropropene
Concen: 17.586 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

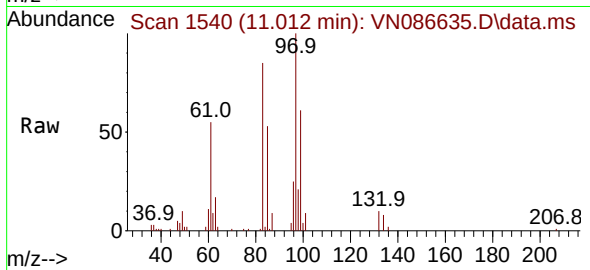
Tgt Ion: 75 Resp: 85951
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 41.0 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 19.228 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

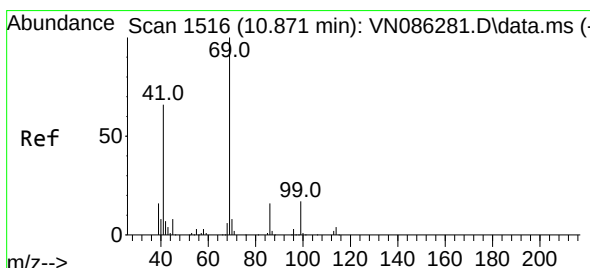
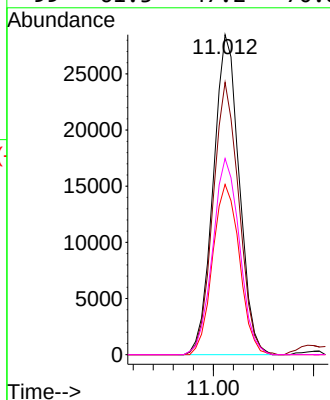
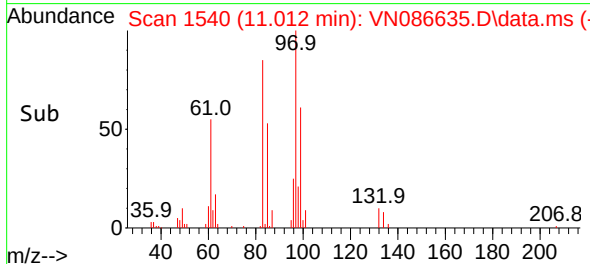
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



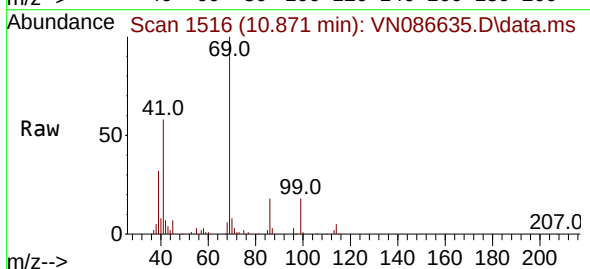
Tgt Ion:	97	Resp:	5108
Ion Ratio	100	Lower	Upper
97	100		
83	85.1	68.4	102.6
85	53.2	43.9	65.9
99	61.3	47.2	70.8

Manual Integrations
APPROVED

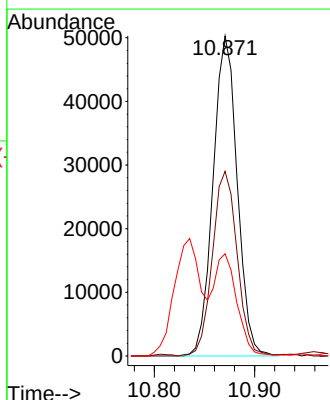
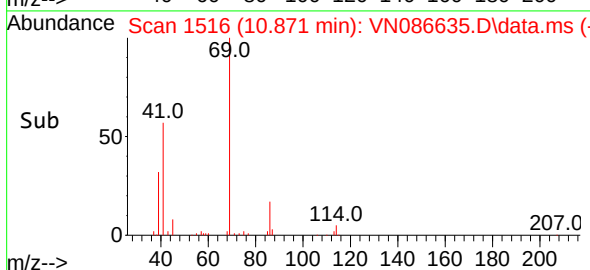
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

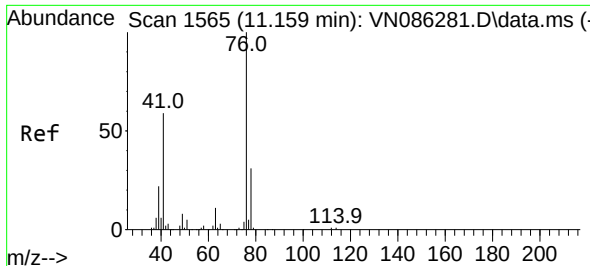


#56
Ethyl methacrylate
Concen: 17.233 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



Tgt Ion:	69	Resp:	84157
Ion Ratio	100	Lower	Upper
69	100		
41	59.3	51.7	77.5
39	29.6	26.3	39.5





#57

1,3-Dichloropropane

Concen: 18.465 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086635.D

Acq: 15 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

Tgt Ion: 76 Resp: 87038

Ion Ratio Lower Upper

76 100

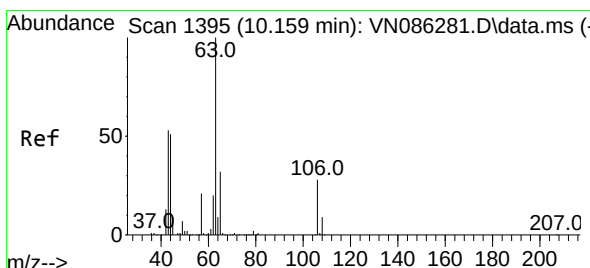
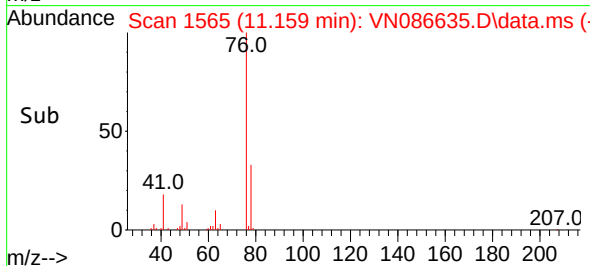
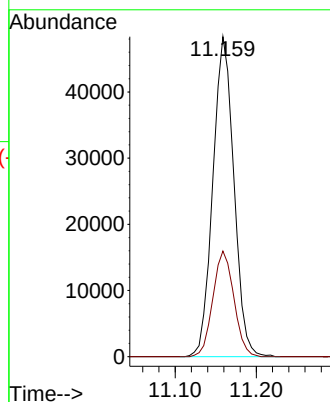
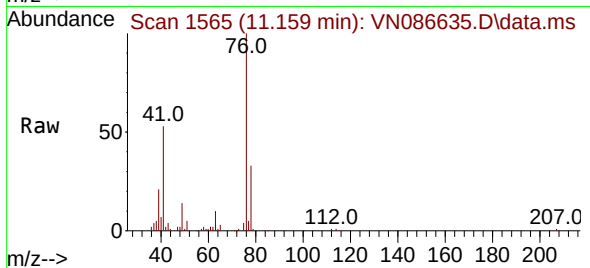
78 32.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 77.609 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086635.D

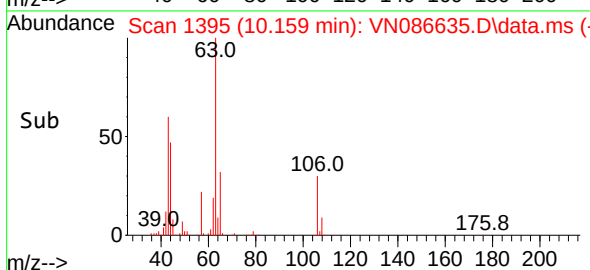
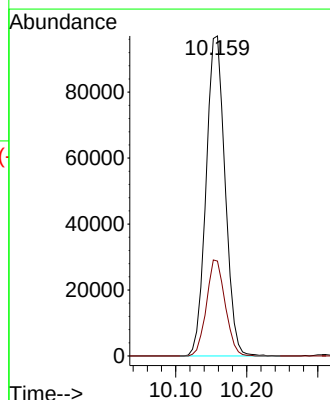
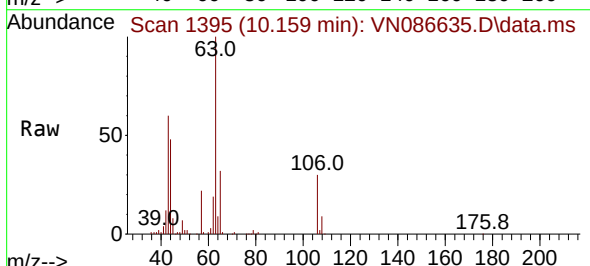
Acq: 15 May 2025 11:10

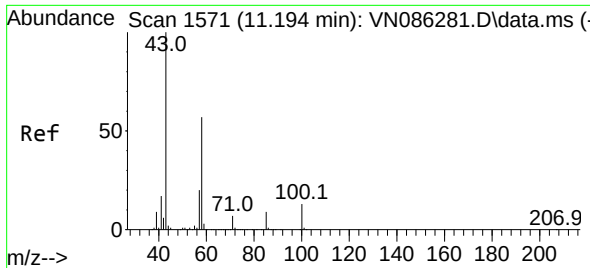
Tgt Ion: 63 Resp: 179889

Ion Ratio Lower Upper

63 100

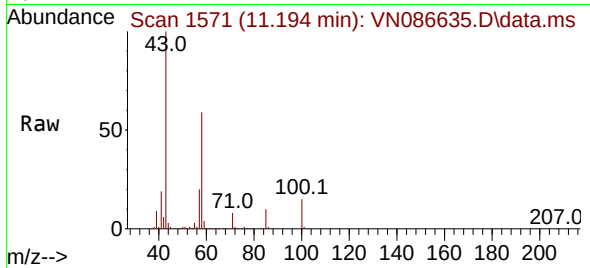
106 29.7 22.2 33.2





#59
2-Hexanone
Concen: 81.634 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

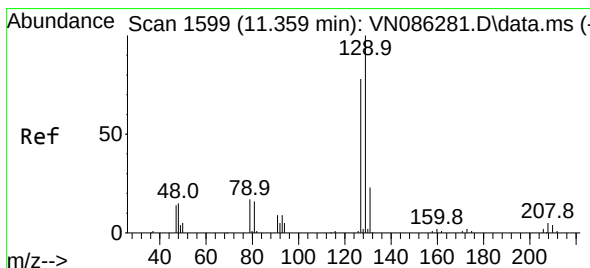
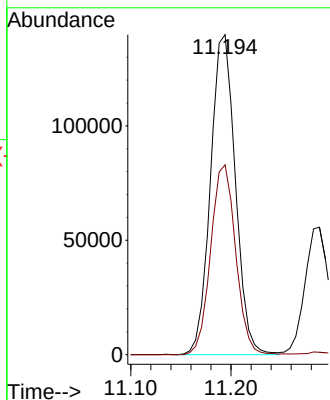
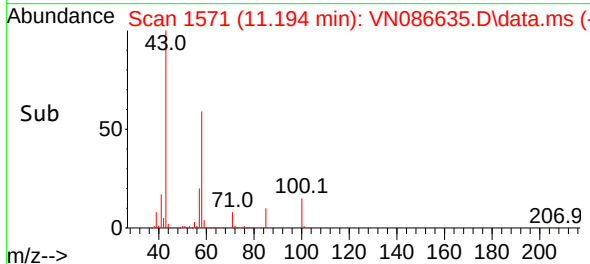
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



Tgt Ion: 43 Resp: 241108
Ion Ratio Lower Upper
43 100
58 59.6 28.3 85.0

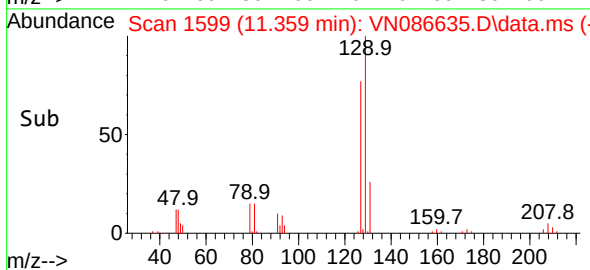
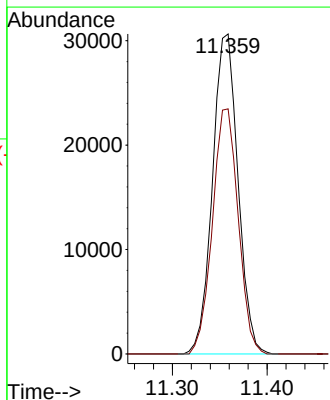
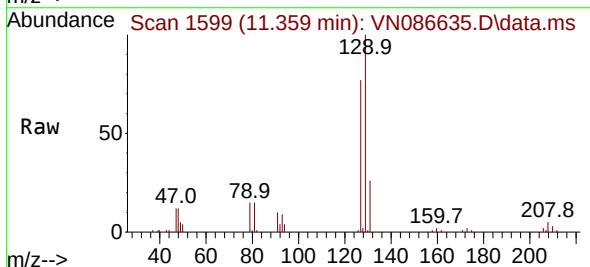
Manual Integrations
APPROVED

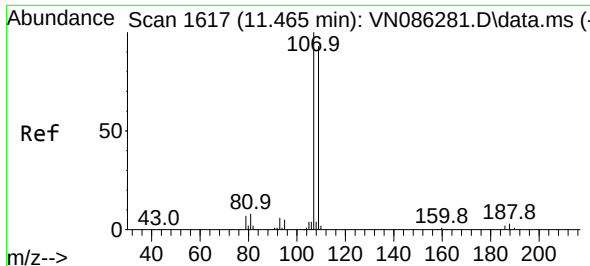
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#60
Dibromochloromethane
Concen: 19.628 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Tgt Ion:129 Resp: 57262
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





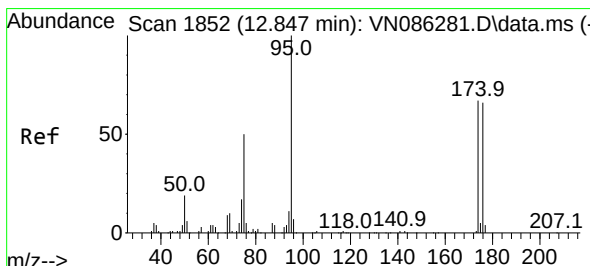
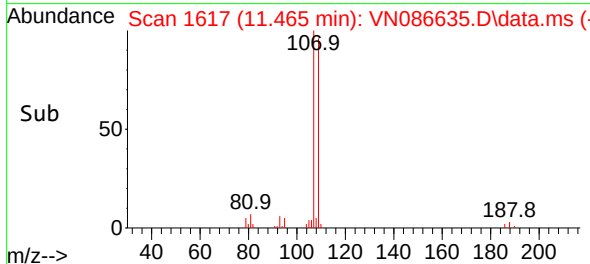
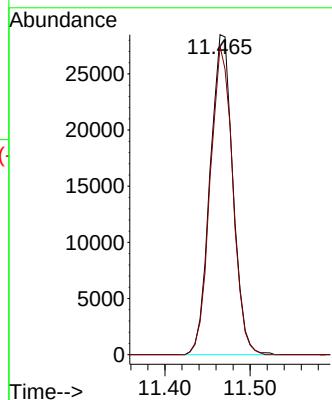
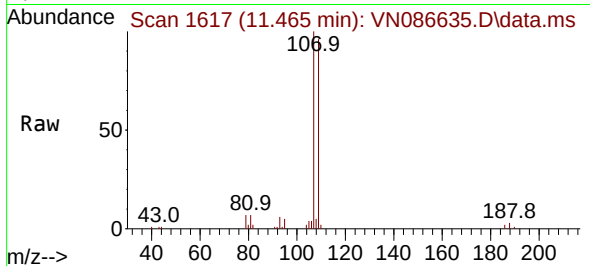
#61
1,2-Dibromoethane
Concen: 19.761 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

Tgt Ion:107 Resp: 52974
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.0

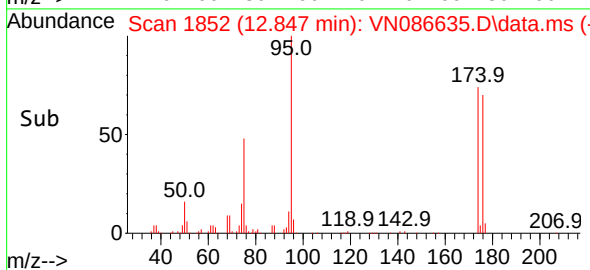
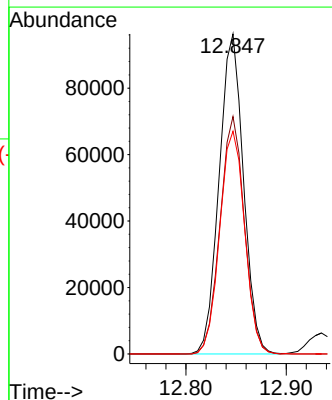
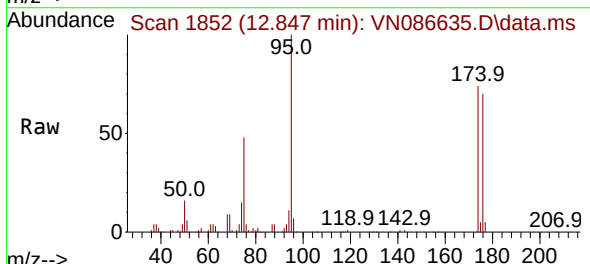
Manual Integrations
APPROVED

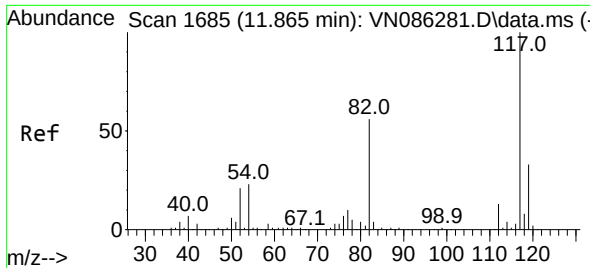
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#62
4-Bromofluorobenzene
Concen: 44.969 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

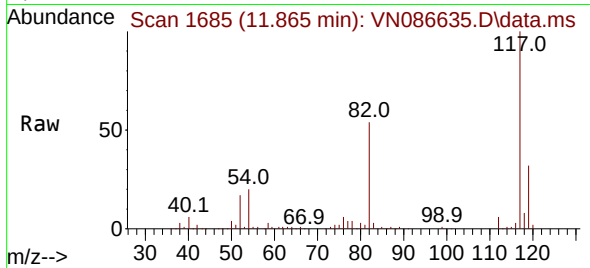
Tgt Ion: 95 Resp: 162108
Ion Ratio Lower Upper
95 100
174 74.1 0.0 133.4
176 71.3 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

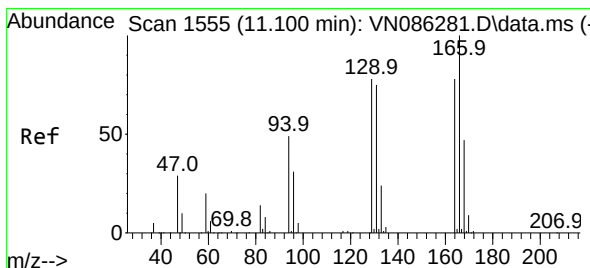
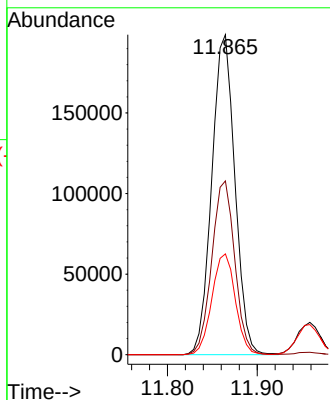
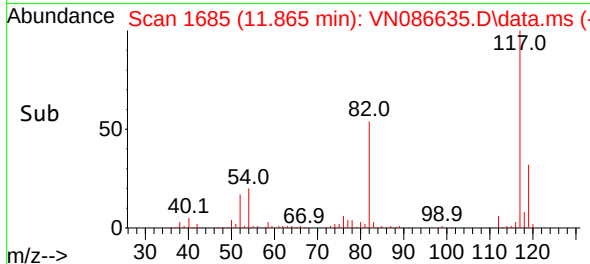
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



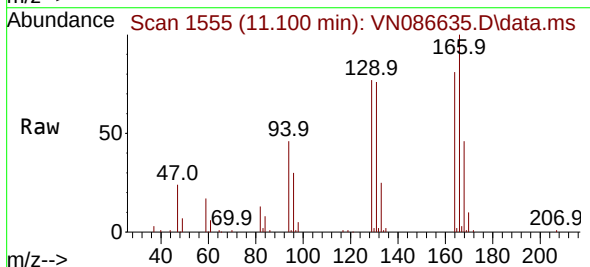
Tgt Ion:117 Resp: 35526
Ion Ratio Lower Upper
117 100
82 54.3 44.7 67.1
119 31.5 26.4 39.6

Manual Integrations
APPROVED

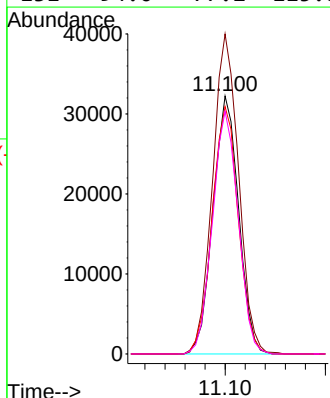
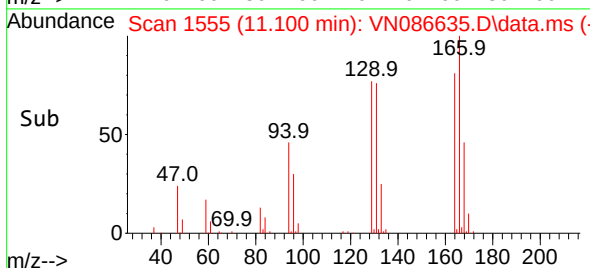
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

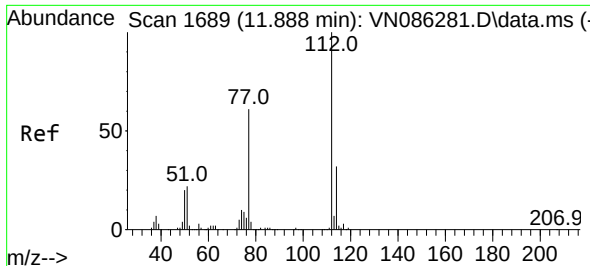


#64
Tetrachloroethene
Concen: 20.944 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



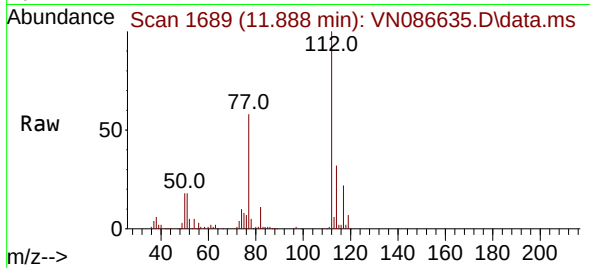
Tgt Ion:164 Resp: 57234
Ion Ratio Lower Upper
164 100
166 124.1 103.0 154.4
129 96.0 80.1 120.1
131 94.0 77.2 115.8





#65
Chlorobenzene
Concen: 19.526 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

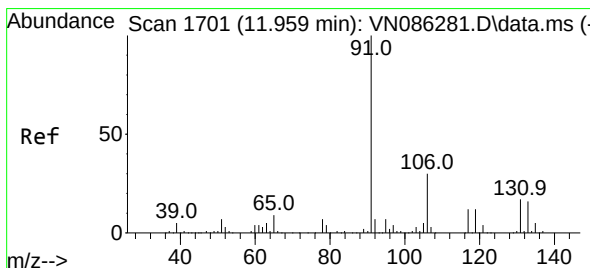
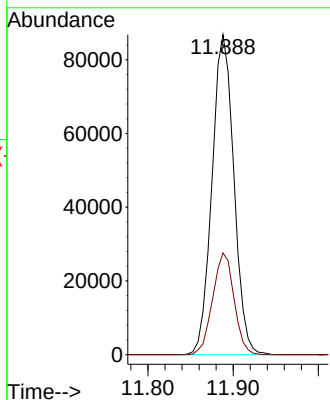
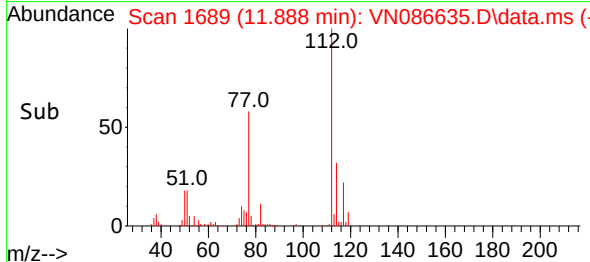
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



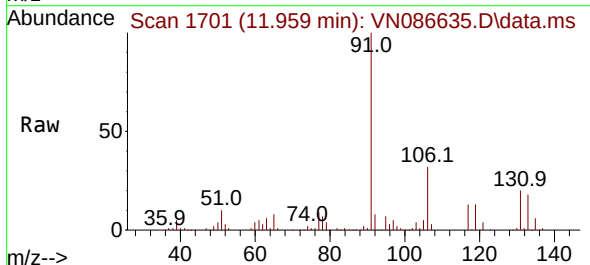
Tgt Ion:112 Resp: 154809
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
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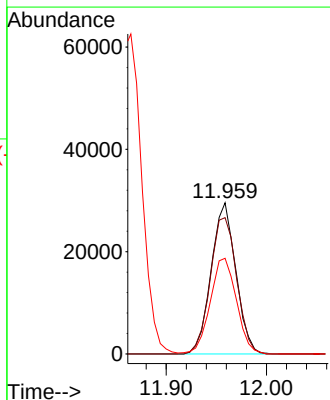
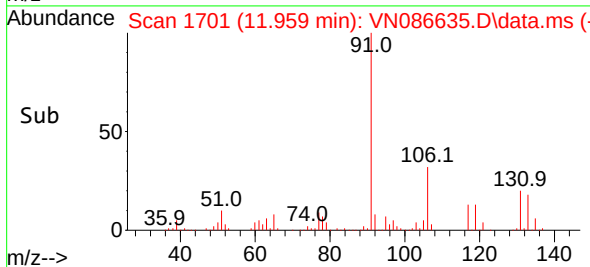
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

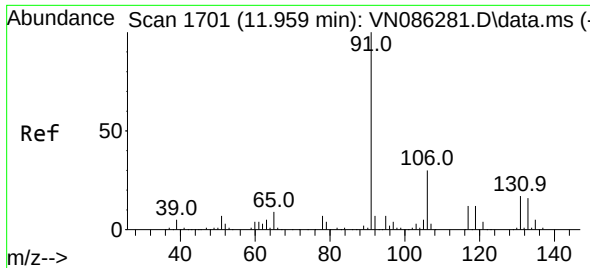


#66
1,1,1,2-Tetrachloroethane
Concen: 19.275 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



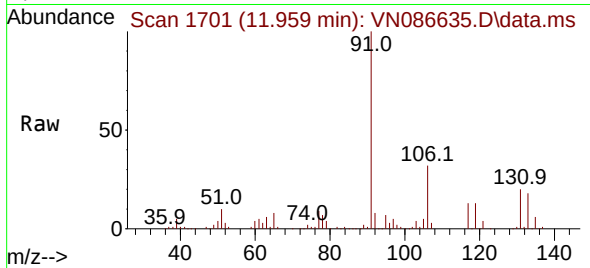
Tgt Ion:131 Resp: 50413
Ion Ratio Lower Upper
131 100
133 96.9 47.1 141.3
119 67.5 33.8 101.4





#67
Ethyl Benzene
Concen: 18.164 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

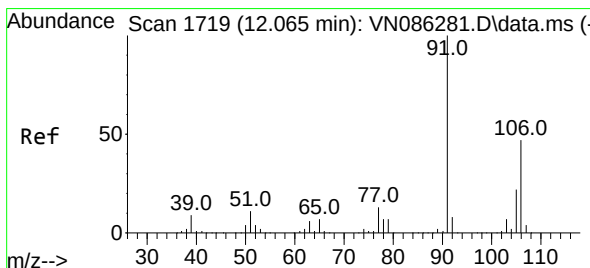
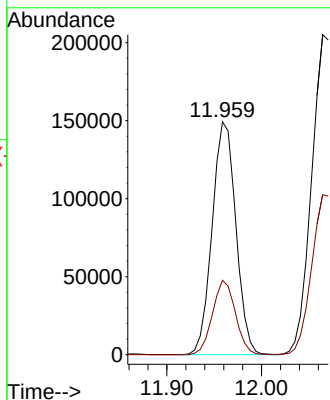
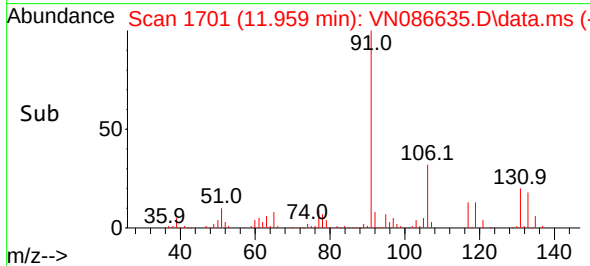
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



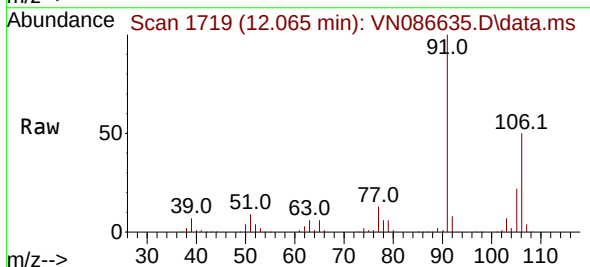
Tgt Ion: 91 Resp: 259872
Ion Ratio Lower Upper
91 100
106 32.0 24.3 36.5

Manual Integrations
APPROVED

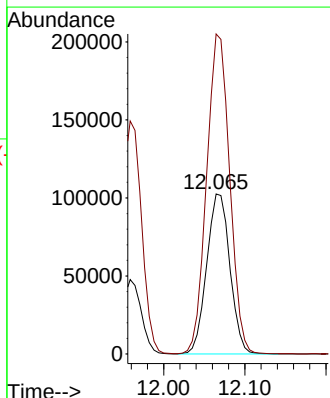
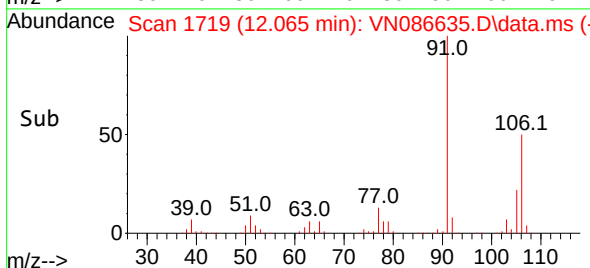
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

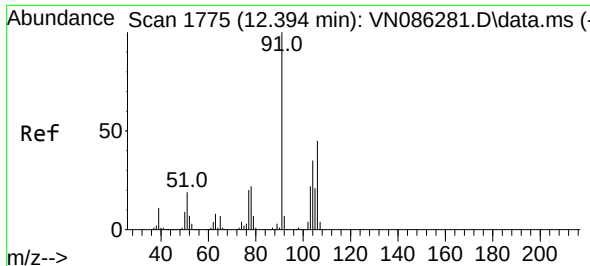


#68
m/p-Xylenes
Concen: 37.993 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



Tgt Ion:106 Resp: 203667
Ion Ratio Lower Upper
106 100
91 198.6 166.5 249.7





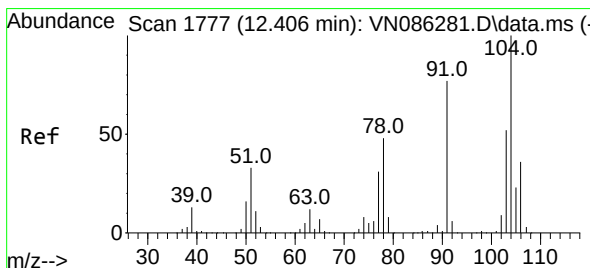
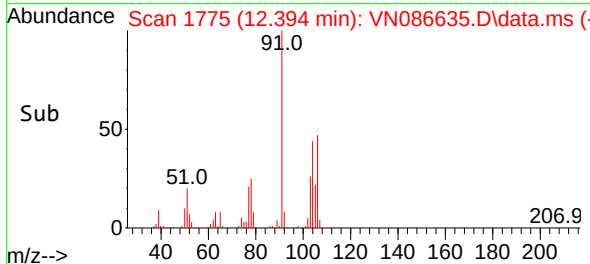
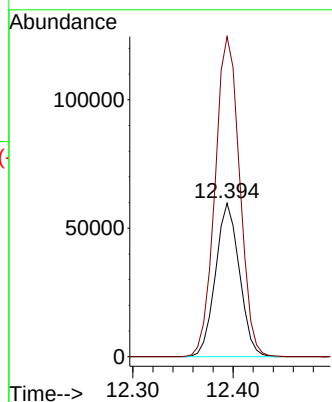
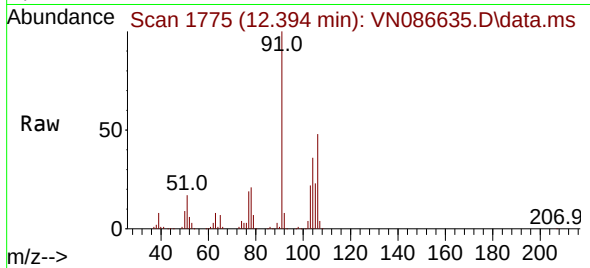
#69
o-Xylene
Concen: 18.659 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

Tgt Ion:106 Resp: 98919
Ion Ratio Lower Upper
106 100
91 214.7 109.7 329.0

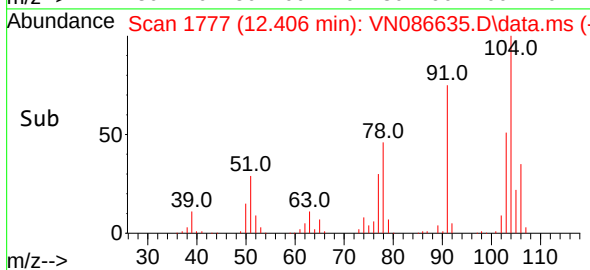
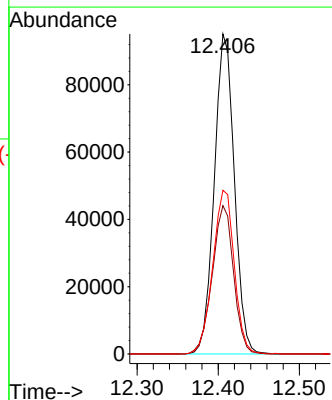
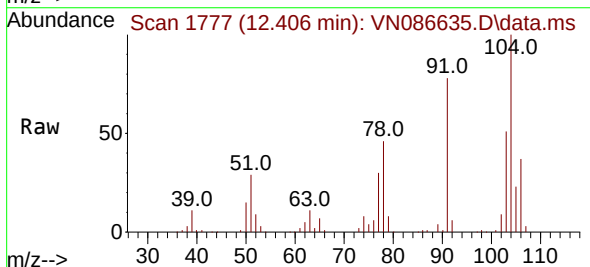
Manual Integrations
APPROVED

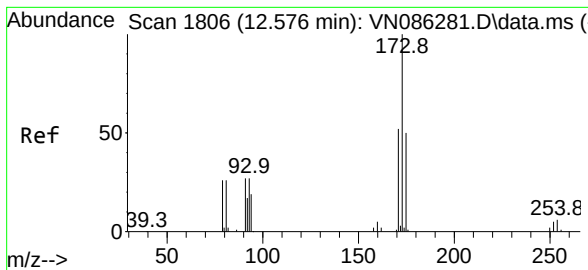
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#70
Styrene
Concen: 18.497 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Tgt Ion:104 Resp: 163392
Ion Ratio Lower Upper
104 100
78 49.3 40.6 61.0
103 54.9 43.6 65.4





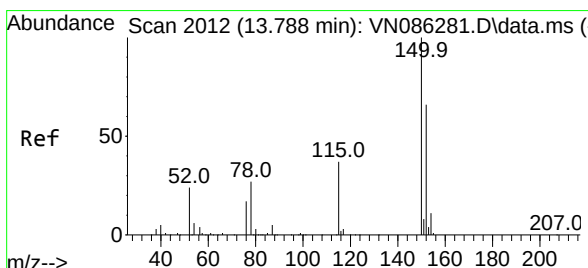
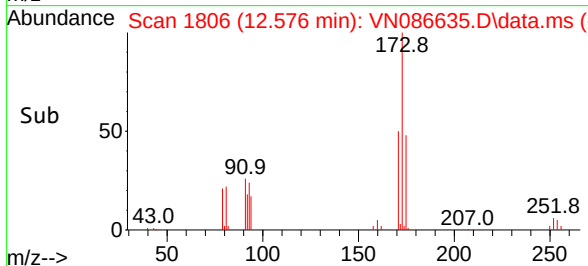
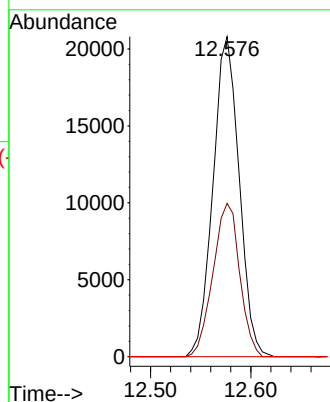
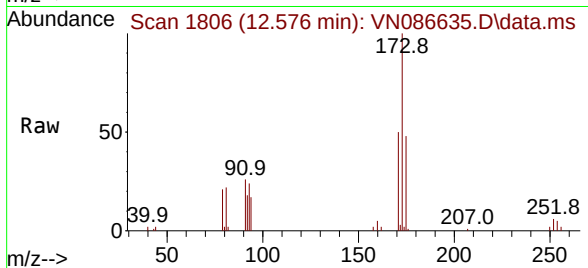
#71
Bromoform
Concen: 19.113 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

Tgt Ion:173 Resp: 3763
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.0 0.0 0.0

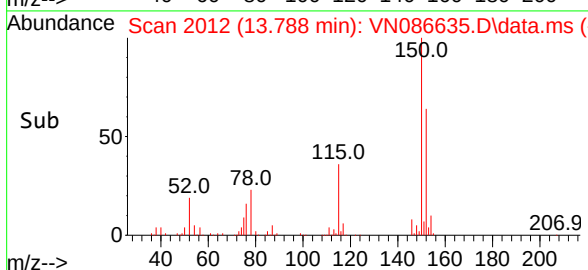
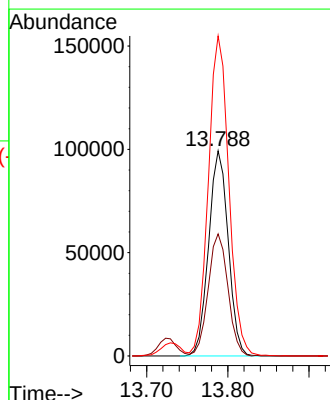
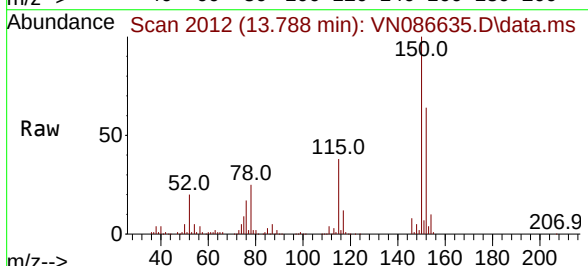
Manual Integrations
APPROVED

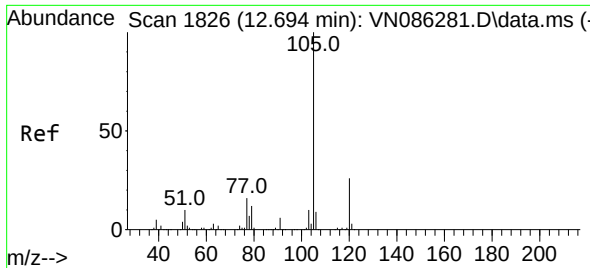
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

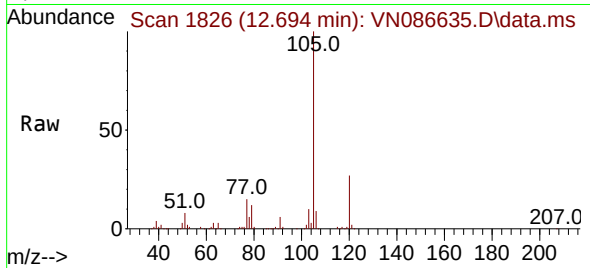
Tgt Ion:152 Resp: 166409
Ion Ratio Lower Upper
152 100
115 59.9 31.9 95.9
150 163.2 0.0 352.0





#73
Isopropylbenzene
Concen: 17.440 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

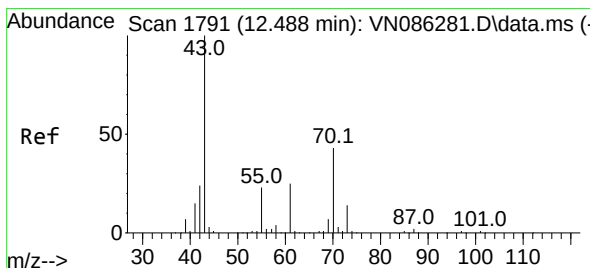
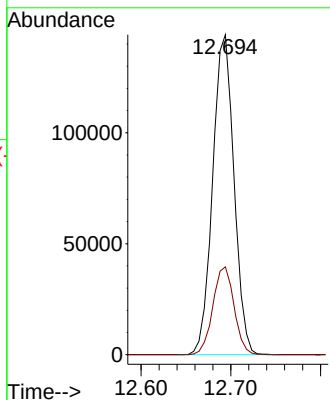
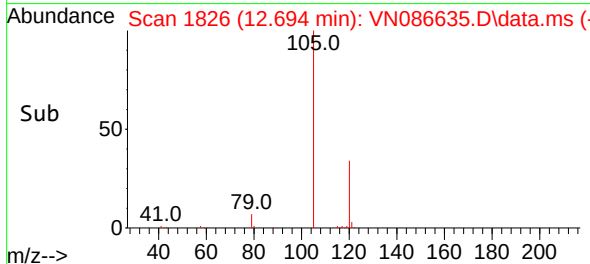
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



Tgt Ion: 105 Resp: 237398
Ion Ratio Lower Upper
105 100
120 27.3 13.1 39.3

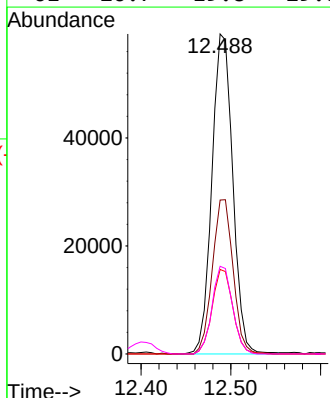
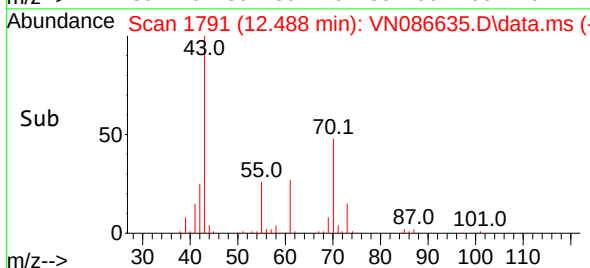
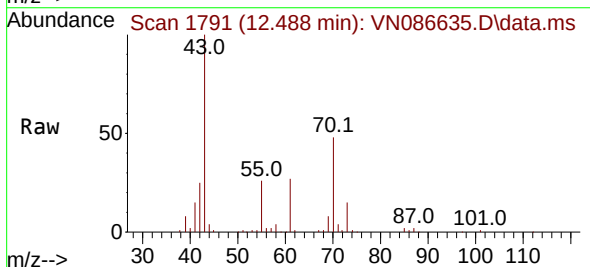
Manual Integrations
APPROVED

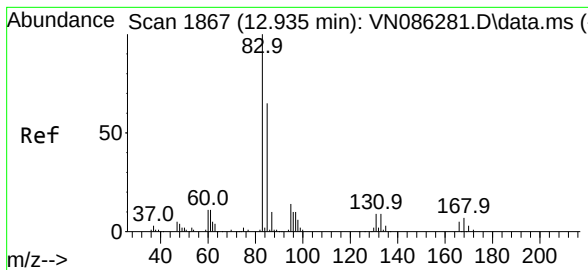
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#74
N-ethyl acetate
Concen: 14.139 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Tgt Ion: 43 Resp: 95818
Ion Ratio Lower Upper
43 100
70 48.0 35.0 52.4
55 26.2 19.0 28.4
61 26.7 19.8 29.8





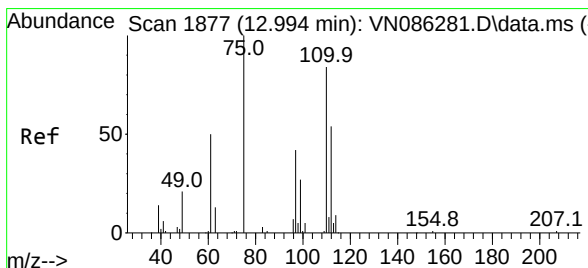
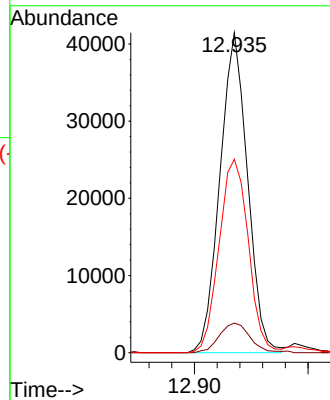
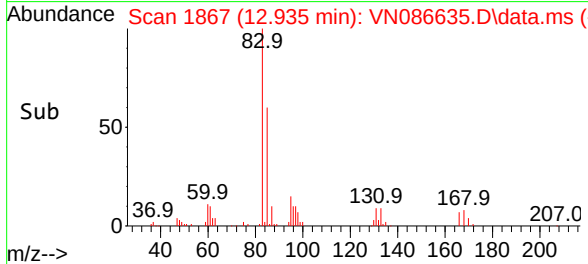
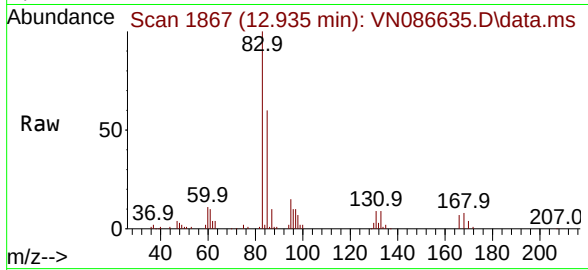
#75
1,1,2,2-Tetrachloroethane
Concen: 17.883 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

Tgt Ion: 83 Resp: 69994
Ion Ratio Lower Upper
83 100
131 10.3 4.7 14.1
85 64.1 32.7 98.1

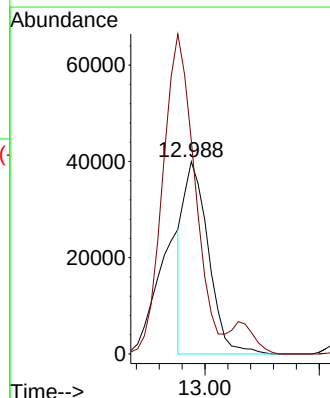
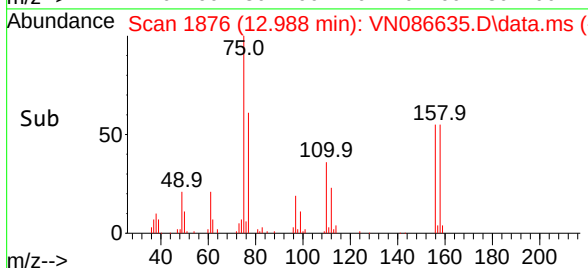
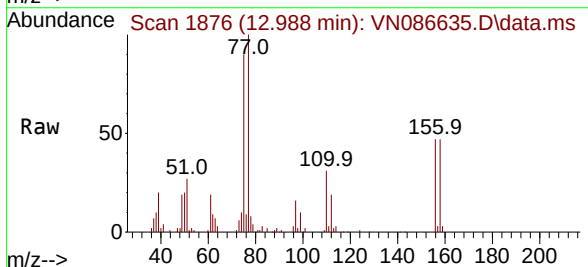
Manual Integrations
APPROVED

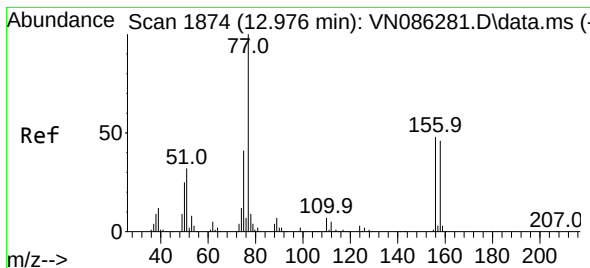
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#76
1,2,3-Trichloropropane
Concen: 15.394 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Tgt Ion: 75 Resp: 60453
Ion Ratio Lower Upper
75 100
77 215.1 98.8 296.4





#77

Bromobenzene

Concen: 20.153 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086635.D

Acq: 15 May 2025 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0515WBSD01

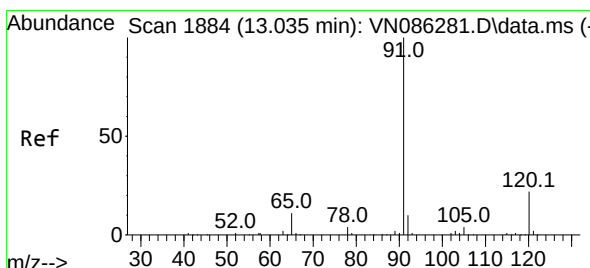
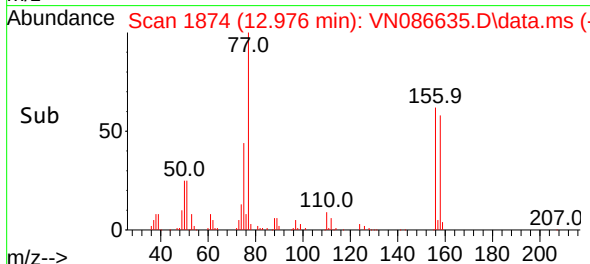
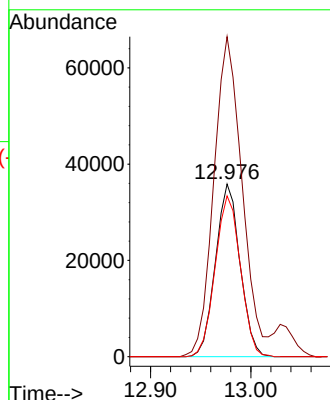
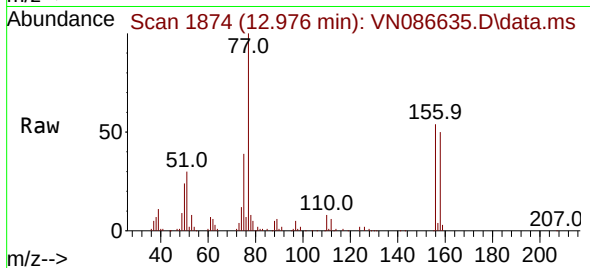
Tgt Ion:156 Resp: 60780
 Ion Ratio Lower Upper
 156 100
 77 214.0 121.1 363.1
 158 95.9 47.9 143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2025

Supervised By :Mahesh Dadoda 05/16/2025



#78

n-propylbenzene

Concen: 16.994 ug/l

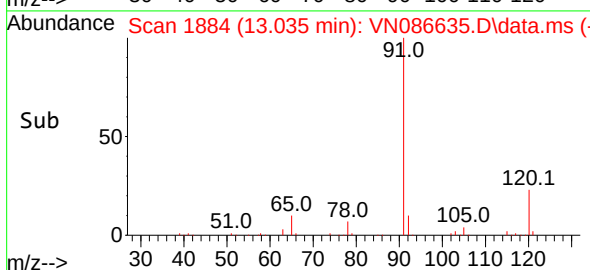
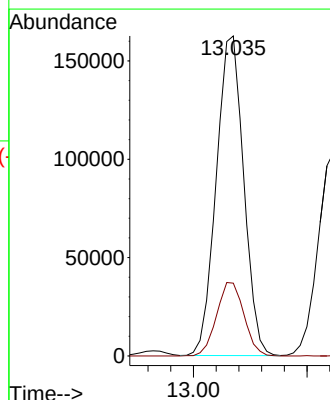
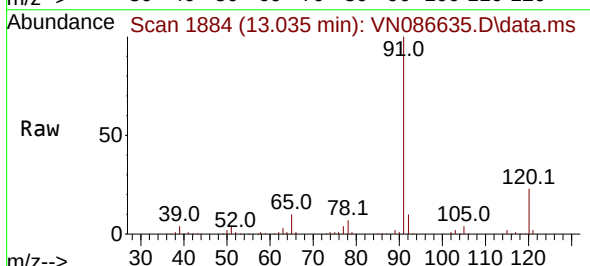
RT: 13.035 min Scan# 1884

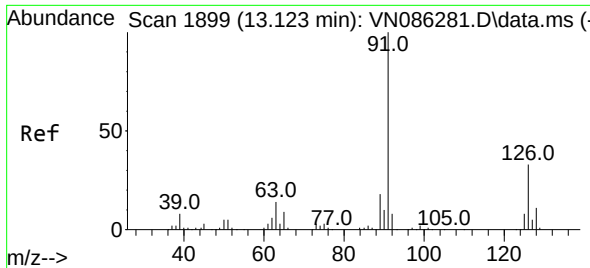
Delta R.T. -0.000 min

Lab File: VN086635.D

Acq: 15 May 2025 11:10

Tgt Ion: 91 Resp: 272599
 Ion Ratio Lower Upper
 91 100
 120 22.9 11.1 33.3





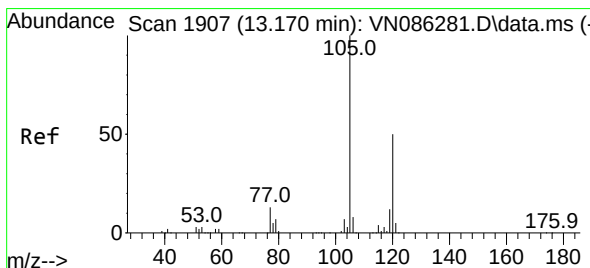
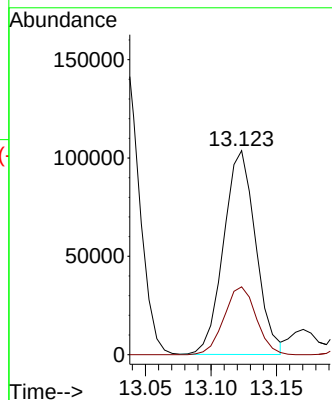
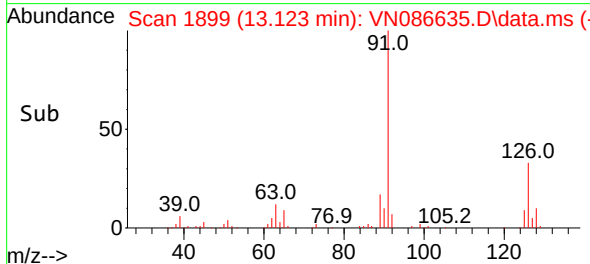
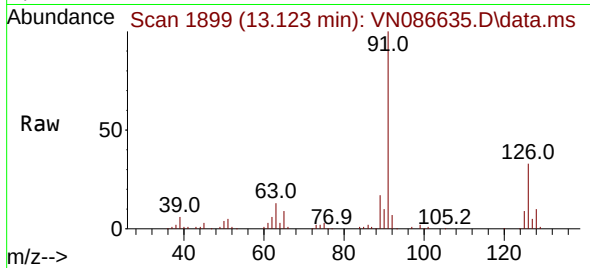
#79
2-Chlorotoluene
Concen: 17.609 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

Tgt Ion: 91 Resp: 176744
Ion Ratio Lower Upper
91 100
126 33.2 16.1 48.2

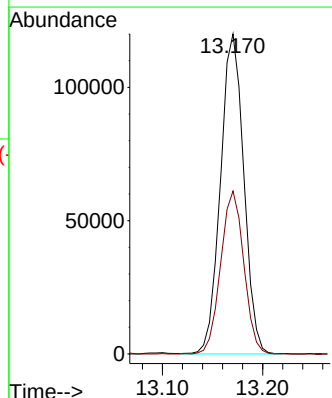
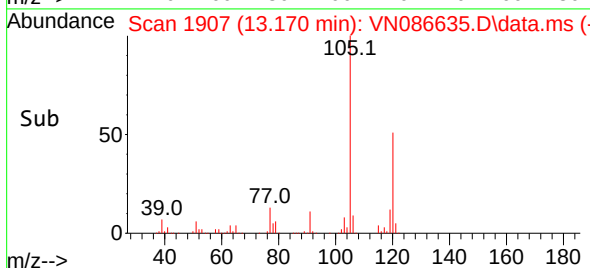
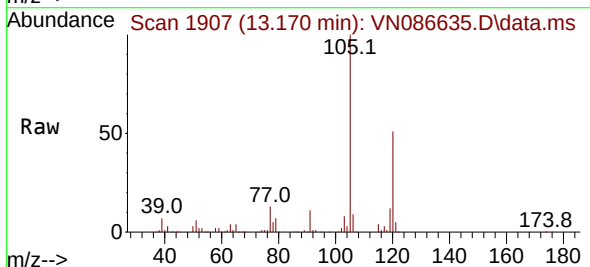
Manual Integrations
APPROVED

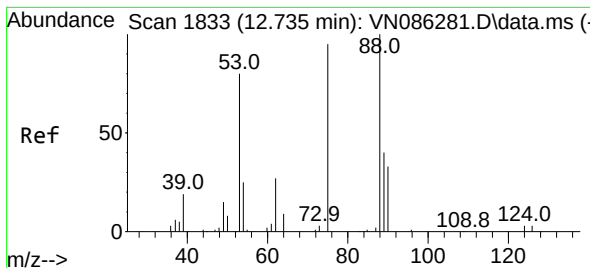
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.379 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Tgt Ion:105 Resp: 193623
Ion Ratio Lower Upper
105 100
120 50.5 24.5 73.5





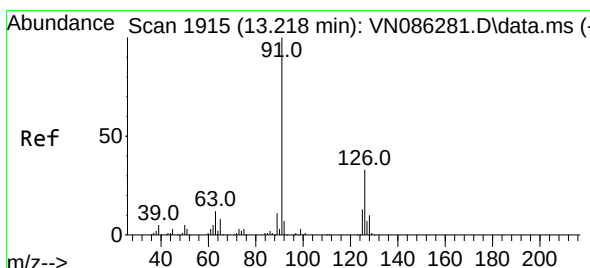
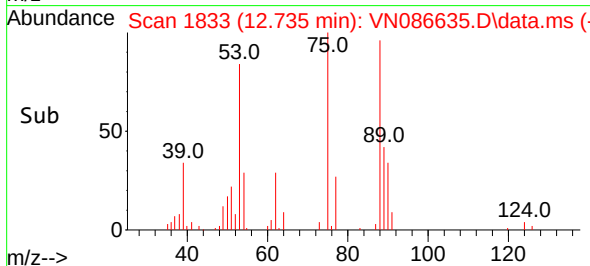
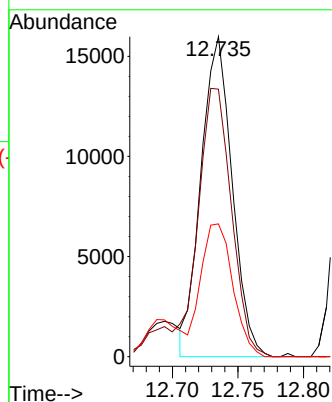
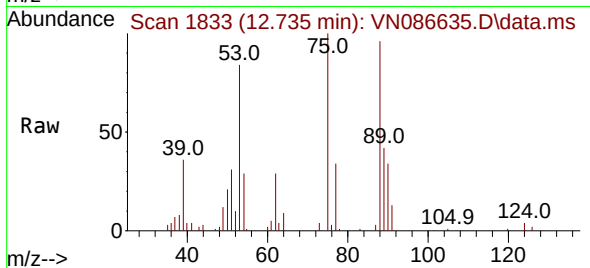
#81
trans-1,4-Dichloro-2-butene
Concen: 16.178 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01

Tgt Ion: 75 Resp: 26454
Ion Ratio Lower Upper
75 100
53 97.8 79.2 118.8
89 42.4 35.7 53.5

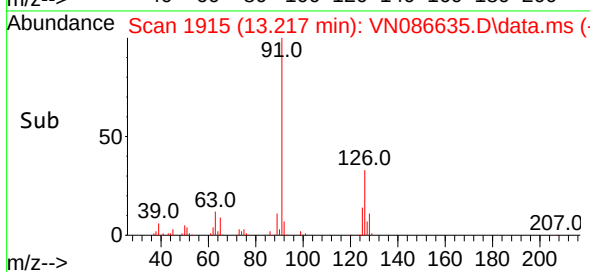
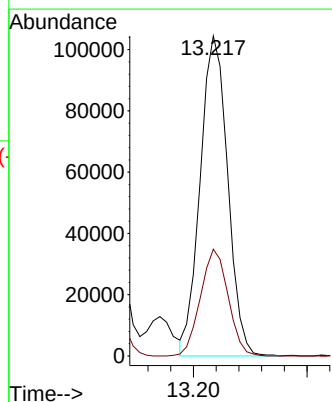
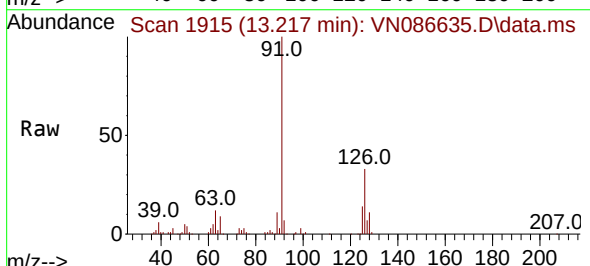
Manual Integrations
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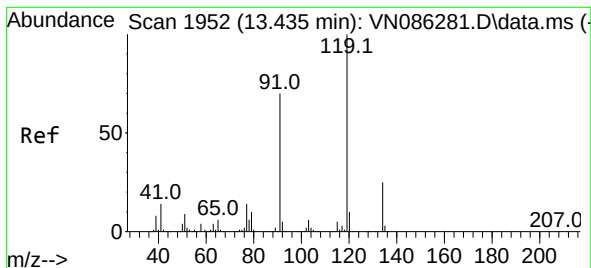
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#82
4-Chlorotoluene
Concen: 17.626 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

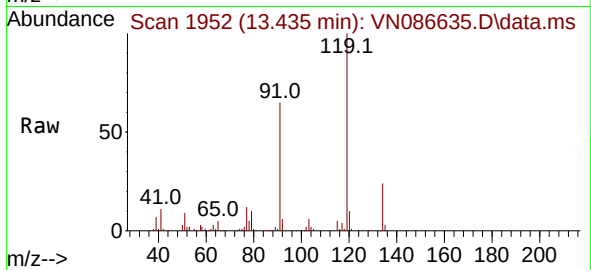
Tgt Ion: 91 Resp: 175741
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 17.474 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

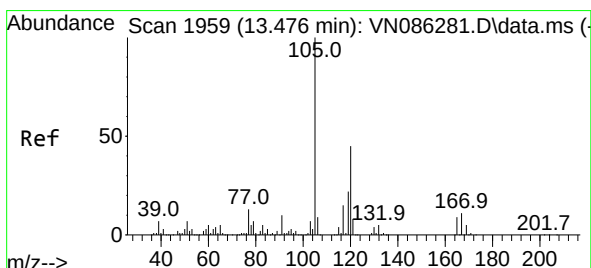
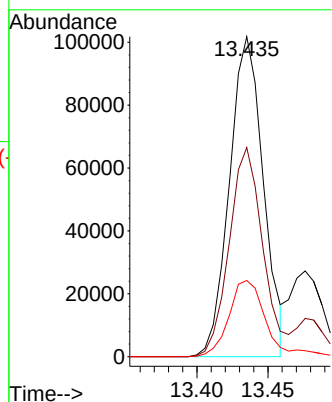
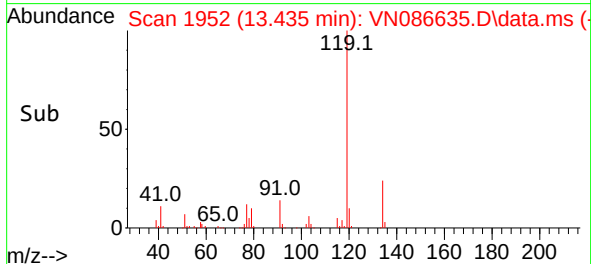
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



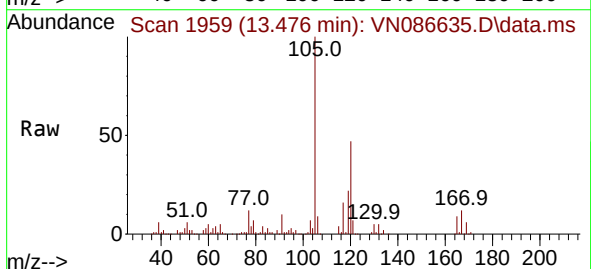
Tgt Ion:119 Resp: 168689
Ion Ratio Lower Upper
119 100
91 65.3 34.4 103.3
134 26.1 13.0 39.0

Manual Integrations
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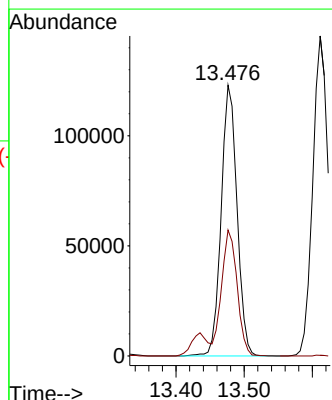
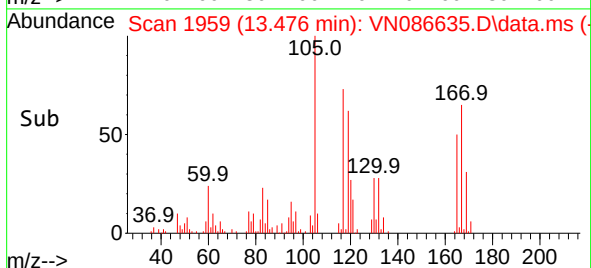
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

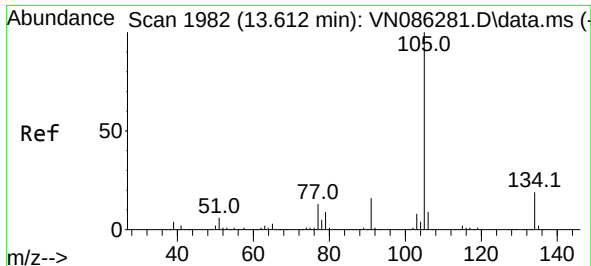


#84
1,2,4-Trimethylbenzene
Concen: 17.535 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



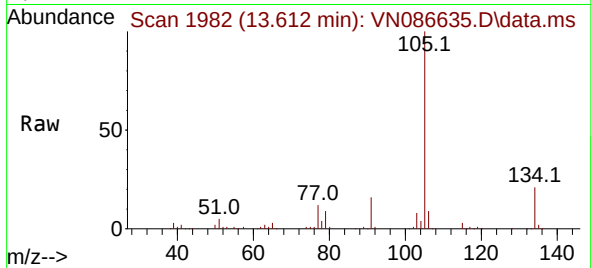
Tgt Ion:105 Resp: 198866
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 17.240 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086635.D
 Acq: 15 May 2025 11:10

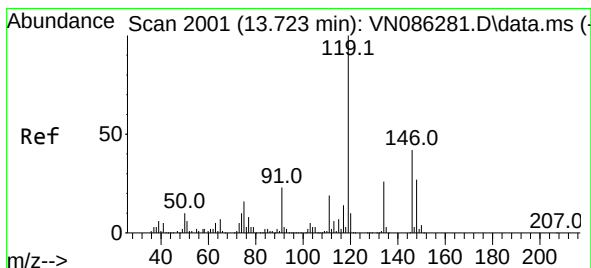
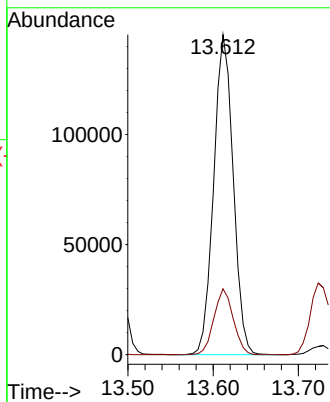
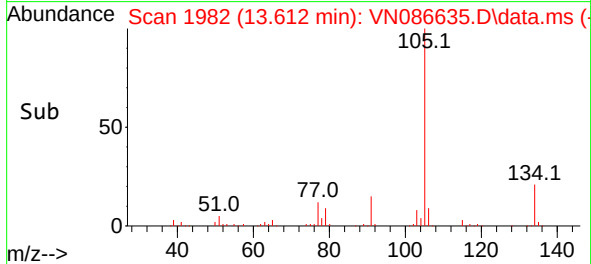
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0515WBSD01



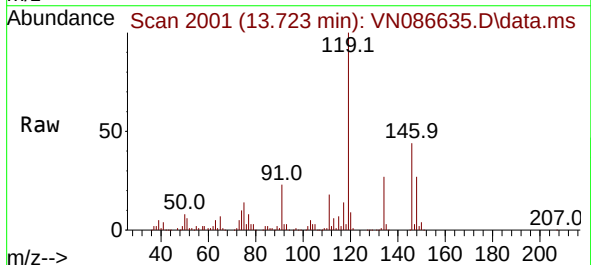
Tgt Ion:105 Resp: 23085
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.7 29.1

Manual Integrations
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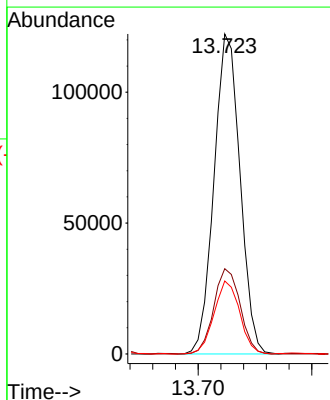
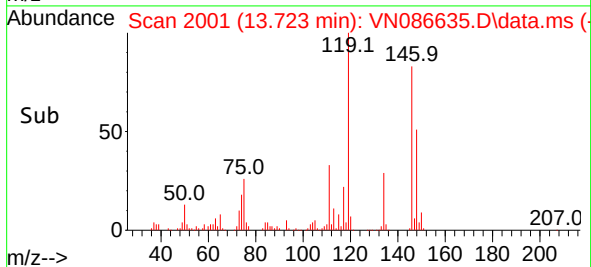
Reviewed By :John Carlone 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025

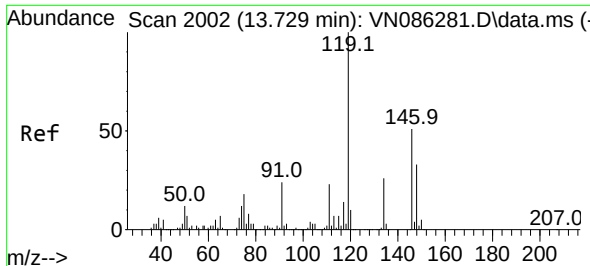


#86
 p-Isopropyltoluene
 Concen: 17.624 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086635.D
 Acq: 15 May 2025 11:10



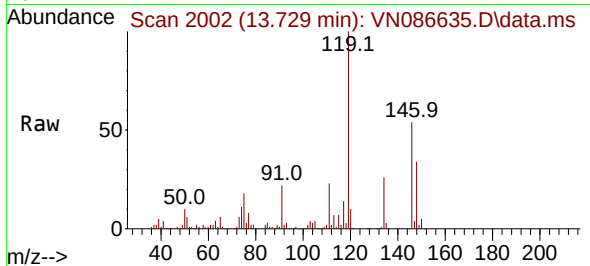
Tgt Ion:119 Resp: 194519
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.1
 91 22.5 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 18.719 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

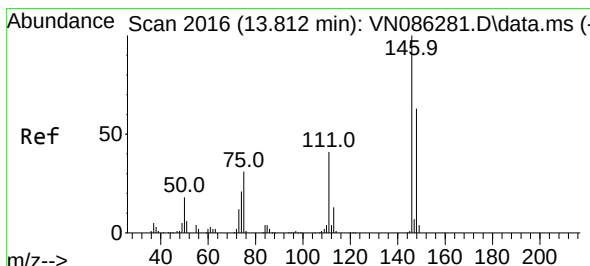
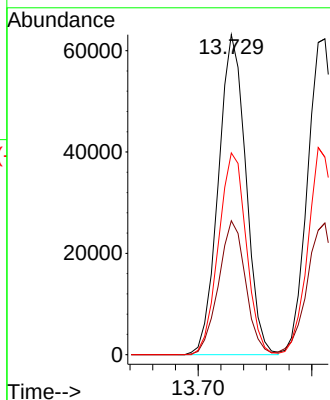
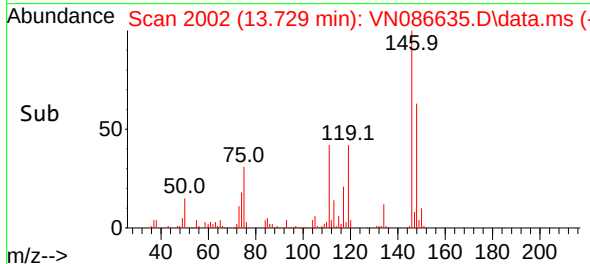
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



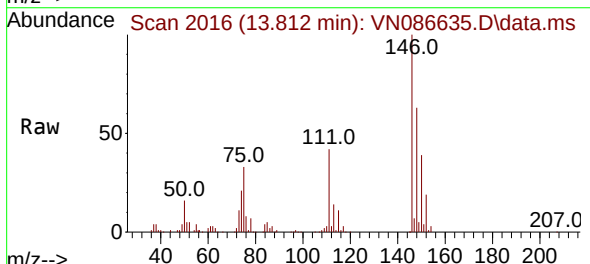
Tgt Ion:146 Resp: 106134
Ion Ratio Lower Upper
146 100
111 41.1 21.9 65.7
148 63.5 31.9 95.5

Manual Integrations
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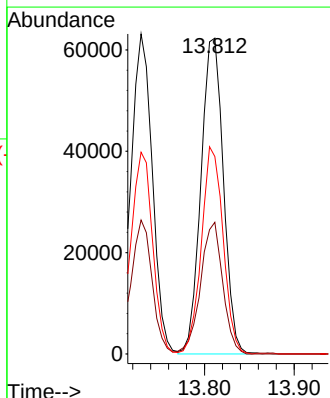
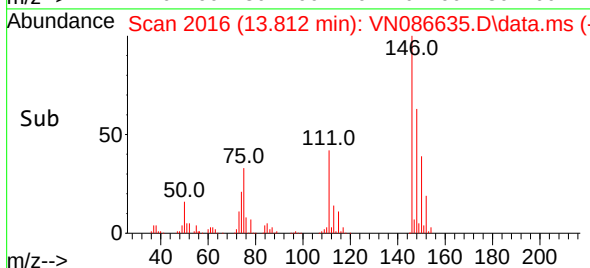
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

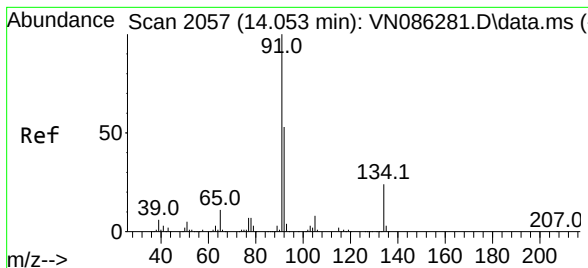


#88
1,4-Dichlorobenzene
Concen: 18.939 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



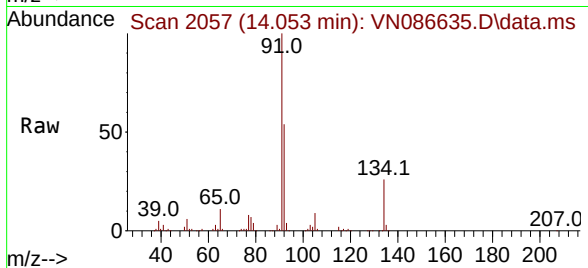
Tgt Ion:146 Resp: 108161
Ion Ratio Lower Upper
146 100
111 41.3 21.3 63.9
148 63.6 31.9 95.9





#89
n-Butylbenzene
Concen: 16.414 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

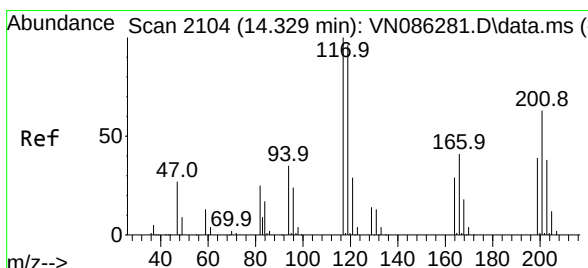
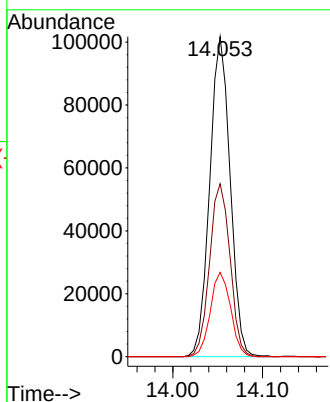
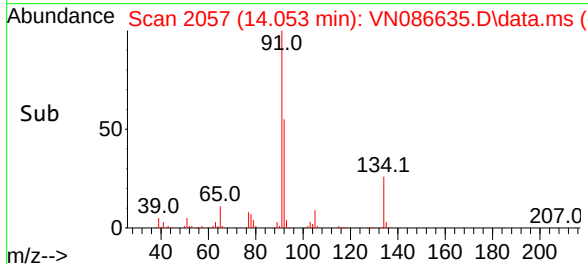
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



Tgt Ion: 91 Resp: 16058
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.4
134 26.2 12.2 36.6

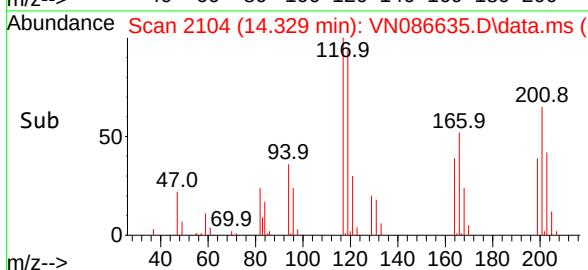
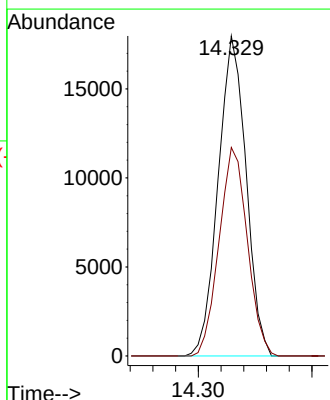
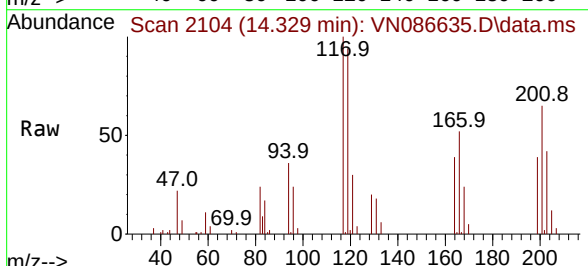
Manual Integrations
APPROVED

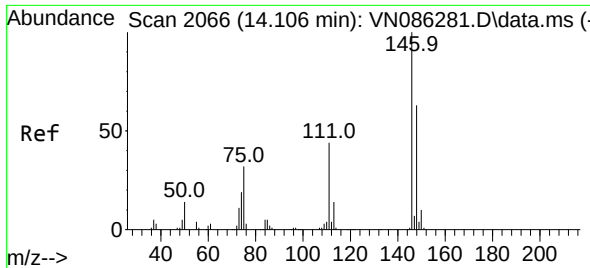
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#90
Hexachloroethane
Concen: 16.511 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

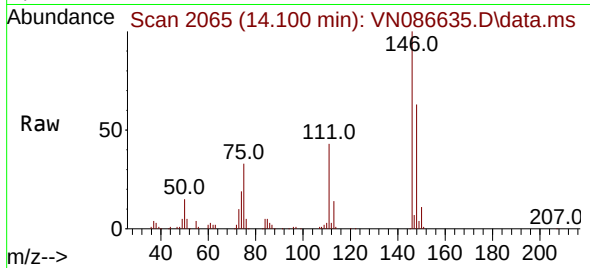
Tgt Ion:117 Resp: 30653
Ion Ratio Lower Upper
117 100
201 66.1 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 18.915 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

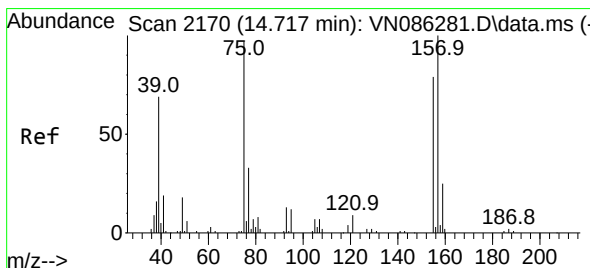
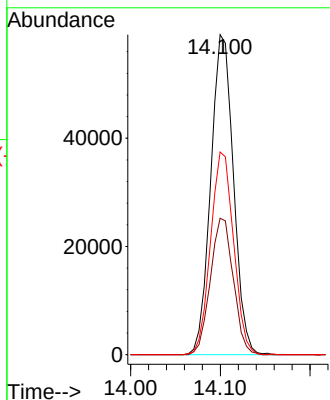
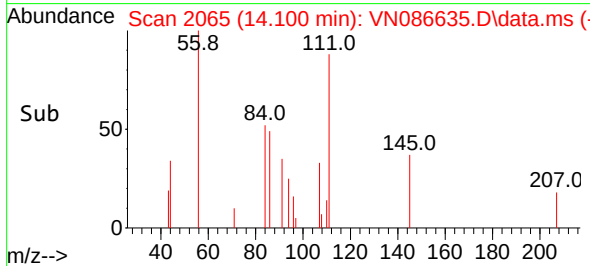
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



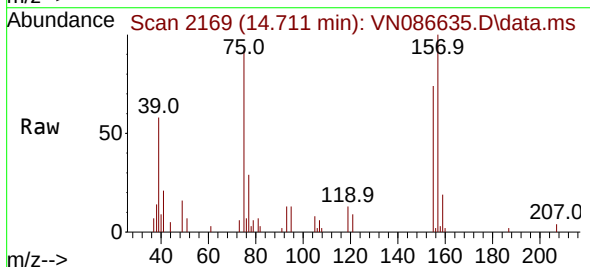
Tgt Ion:146 Resp: 103979
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.0
148 64.1 31.8 95.4

Manual Integrations
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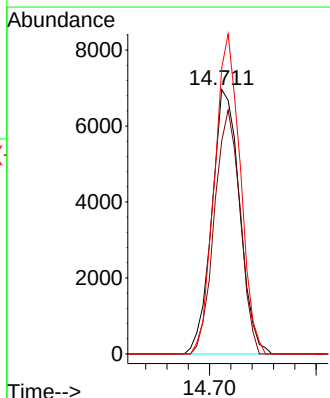
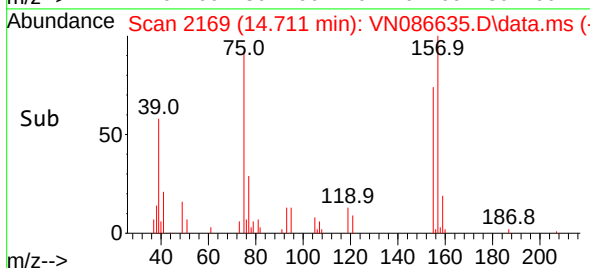
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

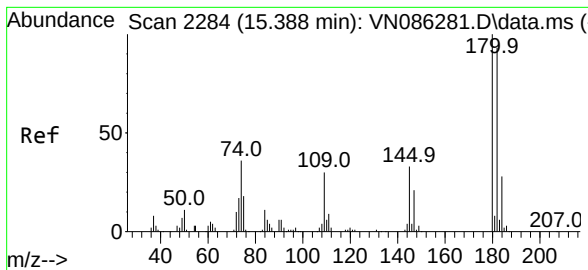


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.934 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



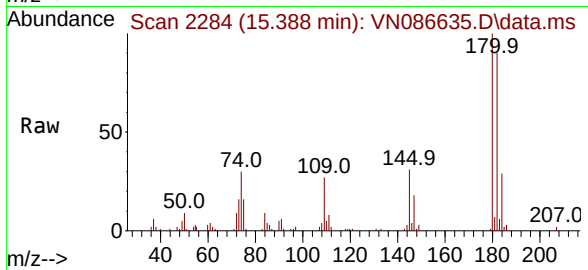
Tgt Ion: 75 Resp: 12575
Ion Ratio Lower Upper
75 100
155 85.5 40.3 120.9
157 112.1 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 18.901 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

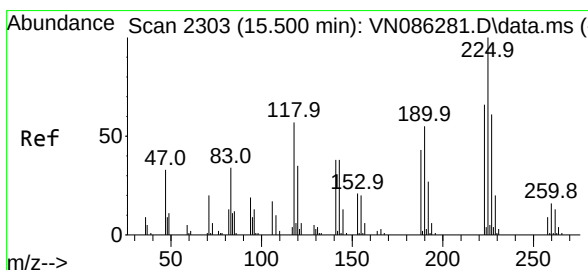
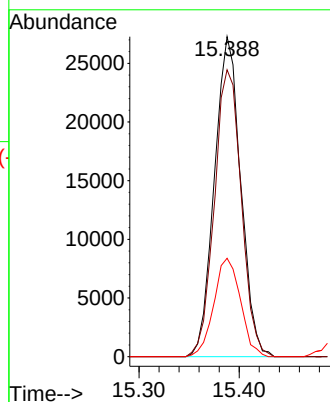
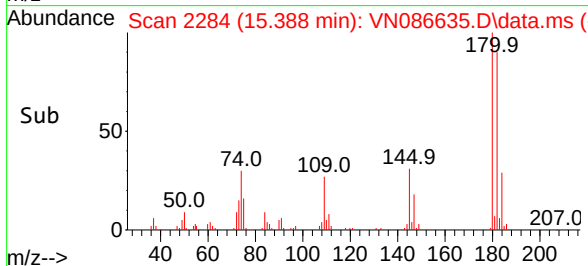
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



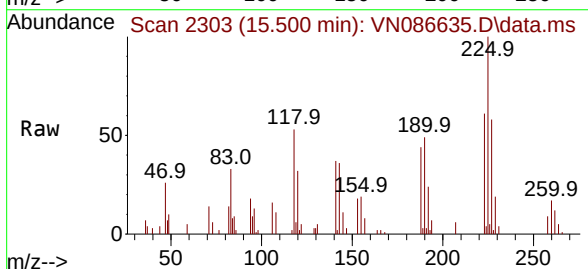
Tgt Ion:180 Resp: 4975
Ion Ratio Lower Upper
180 100
182 91.5 47.0 141.0
145 31.1 16.4 49.1

Manual Integrations
APPROVED

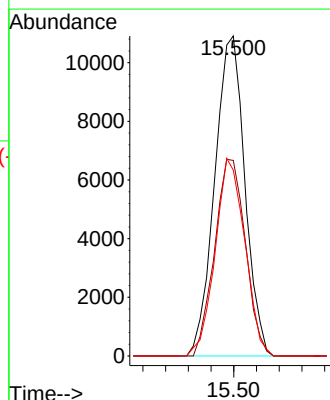
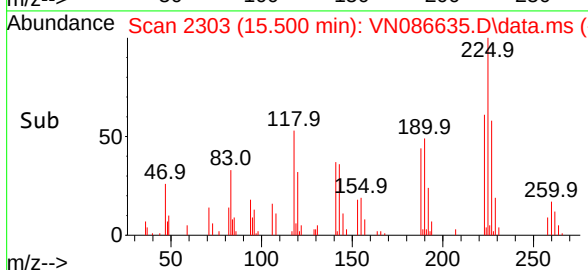
Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

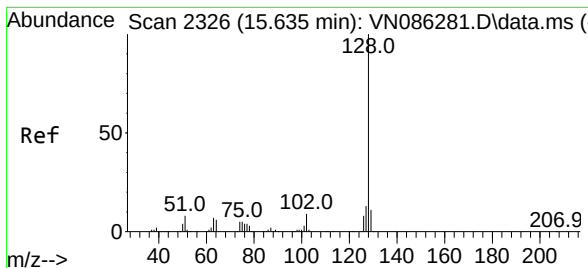


#94
Hexachlorobutadiene
Concen: 20.233 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



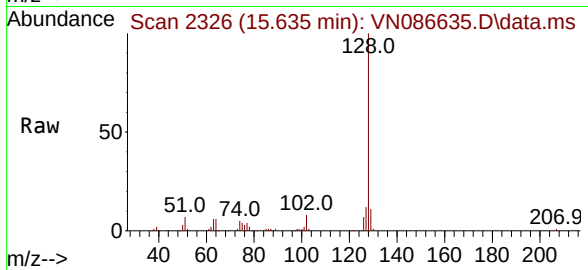
Tgt Ion:225 Resp: 20105
Ion Ratio Lower Upper
225 100
223 62.6 32.8 98.3
227 60.7 31.4 94.0





#95
Naphthalene
Concen: 17.256 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10

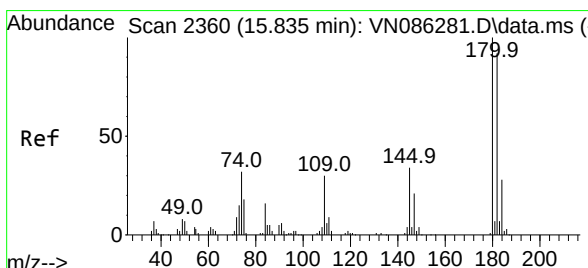
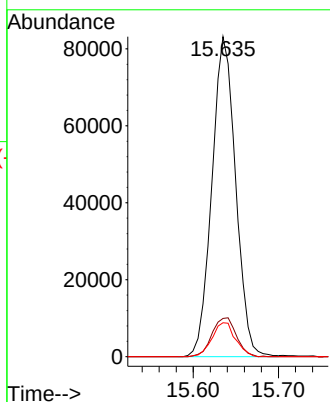
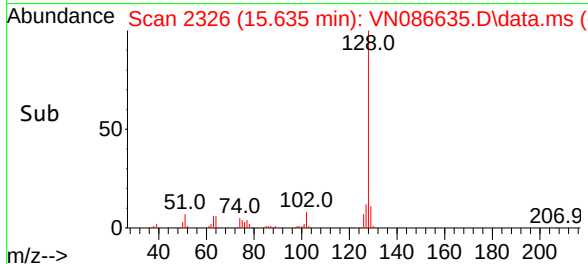
Instrument :
MSVOA_N
ClientSampleId :
VN0515WBSD01



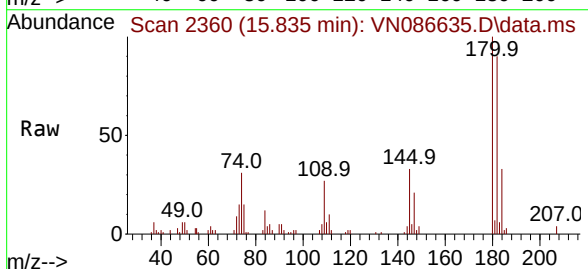
Tgt Ion:128 Resp: 161018
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.479 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086635.D
Acq: 15 May 2025 11:10



Tgt Ion:180 Resp: 46051
Ion Ratio Lower Upper
180 100
182 93.7 47.3 142.0
145 33.9 17.2 51.5

