

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
 Data File : VN086556.D
 Acq On : 09 May 2025 12:22
 Operator : JC\MD
 Sample : VN0509MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2025
 Supervised By : Mahesh Dadoda 05/12/2025

Quant Time: May 09 23:25:03 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	8.224	168	191917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	304056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127308	45.745	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.500%		
35) Dibromofluoromethane	8.165	113	97867	61.647	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	123.300%		
50) Toluene-d8	10.565	98	401664	47.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.680%		
62) 4-Bromofluorobenzene	12.847	95	140225	45.311	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43369	19.063	ug/l	98
3) Chloromethane	2.359	50	52977	16.022	ug/l	96
4) Vinyl Chloride	2.518	62	53165	16.850	ug/l	96
5) Bromomethane	2.959	94	31406	22.129	ug/l	99
6) Chloroethane	3.118	64	34247	16.218	ug/l	98
7) Trichlorofluoromethane	3.501	101	65933	18.865	ug/l	97
8) Diethyl Ether	3.959	74	25068	16.430	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	39116	18.501	ug/l	96
10) Methyl Iodide	4.589	142	47204	20.307	ug/l	98
11) Tert butyl alcohol	5.512	59	40340	79.444	ug/l	98
12) 1,1-Dichloroethene	4.342	96	39197	17.353	ug/l	98
13) Acrolein	4.177	56	24392	93.577	ug/l	94
14) Allyl chloride	5.018	41	54977m	13.691	ug/l	
15) Acrylonitrile	5.712	53	102153	81.381	ug/l	99
16) Acetone	4.424	43	81510	80.852	ug/l	90
17) Carbon Disulfide	4.712	76	110390	16.321	ug/l	99
18) Methyl Acetate	5.024	43	44241	13.243	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	137179	16.521	ug/l	96
20) Methylene Chloride	5.277	84	45082	17.523	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	41252	17.468	ug/l	93
22) Diisopropyl ether	6.671	45	132960	15.221	ug/l	97
23) Vinyl Acetate	6.600	43	501908	82.194	ug/l	96
24) 1,1-Dichloroethane	6.565	63	76712	16.644	ug/l	95
25) 2-Butanone	7.477	43	134158	77.447	ug/l	96
26) 2,2-Dichloropropane	7.489	77	71206	17.255	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	51769	17.662	ug/l	93
28) Bromochloromethane	7.812	49	35249	18.037	ug/l	87
29) Tetrahydrofuran	7.836	42	88067	76.027	ug/l	94
30) Chloroform	7.965	83	79851	17.637	ug/l	97
31) Cyclohexane	8.259	56	73907	16.387	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	69389	17.915	ug/l	93
36) 1,1-Dichloropropene	8.365	75	57590	18.162	ug/l	99
37) Ethyl Acetate	7.559	43	54401	16.296	ug/l	98
38) Carbon Tetrachloride	8.359	117	58811	19.476	ug/l	97
39) Methylcyclohexane	9.594	83	64973	17.239	ug/l	96
40) Benzene	8.600	78	182706	17.984	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	31434	16.247	ug/l	98
42) 1,2-Dichloroethane	8.671	62	60752	18.752	ug/l	99
43) Isopropyl Acetate	8.683	43	102676	15.612	ug/l	99
44) Trichloroethene	9.347	130	46573	19.341	ug/l	95
45) 1,2-Dichloropropane	9.618	63	42663	17.156	ug/l	98
46) Dibromomethane	9.706	93	30916	19.512	ug/l	95
47) Bromodichloromethane	9.883	83	62339	18.216	ug/l	98
48) Methyl methacrylate	9.677	41	44861	15.303	ug/l	94
49) 1,4-Dioxane	9.688	88	17468	350.303	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	286781	83.893	ug/l	99
52) Toluene	10.630	92	116708	18.411	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	66388	17.379	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	71171	16.962	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	43235	18.956	ug/l	98
56) Ethyl methacrylate	10.871	69	69420	16.559	ug/l	98
57) 1,3-Dichloropropane	11.159	76	73295	18.113	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	161510	81.167	ug/l	96
59) 2-Hexanone	11.194	43	207905	81.996	ug/l	99
60) Dibromochloromethane	11.359	129	46622	18.615	ug/l	98
61) 1,2-Dibromoethane	11.465	107	44236	19.222	ug/l	100
64) Tetrachloroethene	11.100	164	44891	19.194	ug/l	96
65) Chlorobenzene	11.888	112	126793	18.686	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	43245	19.319	ug/l	98
67) Ethyl Benzene	11.959	91	223281	18.235	ug/l	100
68) m/p-Xylenes	12.071	106	169960	37.044	ug/l	97
69) o-Xylene	12.394	106	82309	18.141	ug/l	99
70) Styrene	12.406	104	136525	18.059	ug/l	99
71) Bromoform	12.576	173	30600	18.156	ug/l #	99
73) Isopropylbenzene	12.694	105	205237	18.659	ug/l	99
74) N-amyl acetate	12.488	43	85115	15.544	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	59946	18.955	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	54602m	17.208	ug/l	
77) Bromobenzene	12.976	156	48266	19.805	ug/l	90
78) n-propylbenzene	13.029	91	233812	18.040	ug/l	99
79) 2-Chlorotoluene	13.123	91	148762	18.342	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	164506	18.273	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	20303	15.367	ug/l	94
82) 4-Chlorotoluene	13.218	91	145239	18.028	ug/l	100
83) tert-Butylbenzene	13.435	119	141363	18.122	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	165535	18.064	ug/l	99
85) sec-Butylbenzene	13.612	105	194424	17.969	ug/l	97
86) p-Isopropyltoluene	13.723	119	159476	17.882	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	86163	18.807	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	87066	18.868	ug/l	98
89) n-Butylbenzene	14.053	91	135039	17.083	ug/l	99
90) Hexachloroethane	14.329	117	25637	17.090	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	83208	18.733	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10491	16.452	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	37767	17.757	ug/l	97
94) Hexachlorobutadiene	15.494	225	14958	18.630	ug/l	98
95) Naphthalene	15.635	128	124836	16.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	36493	18.123	ug/l	99

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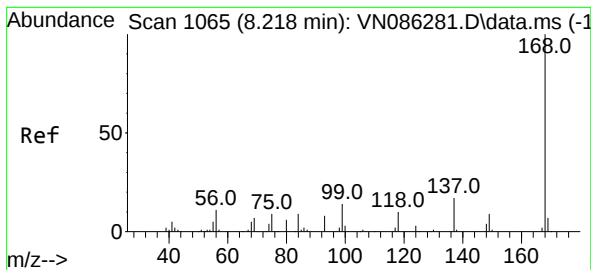
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

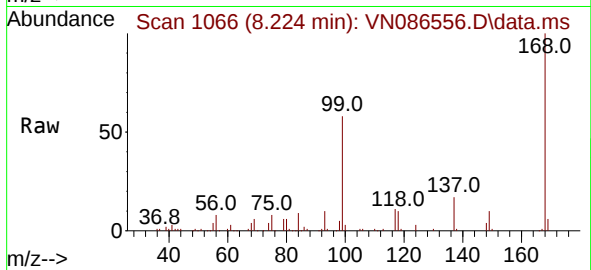
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086556.D
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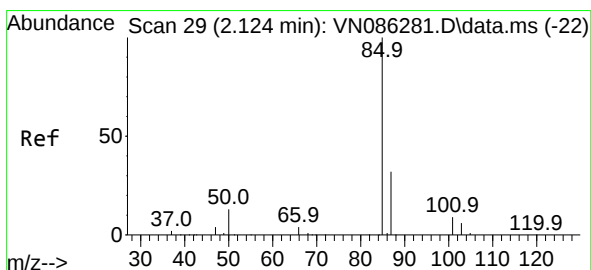
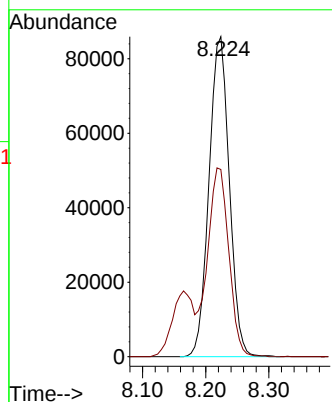
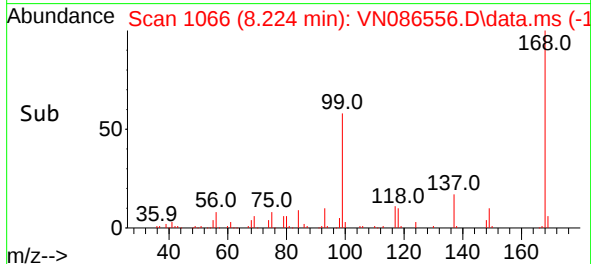
Instrument :
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ClientSampleId :
VN0509MBS01



Tgt Ion:168 Resp: 19191
Ion Ratio Lower Upper
168 100
99 58.5 52.5 78.7

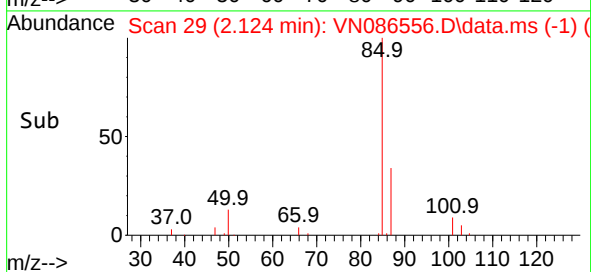
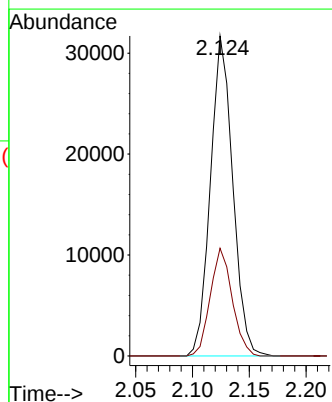
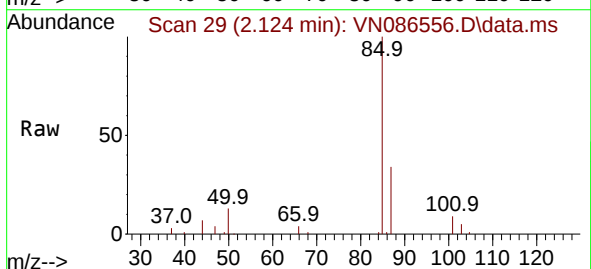
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#2
Dichlorodifluoromethane
Concen: 19.063 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

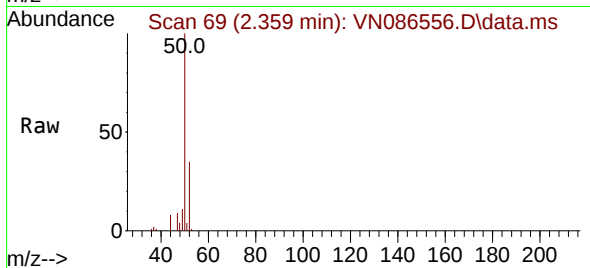
Tgt Ion: 85 Resp: 43369
Ion Ratio Lower Upper
85 100
87 33.7 16.3 48.8





#3
Chloromethane
Concen: 16.022 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

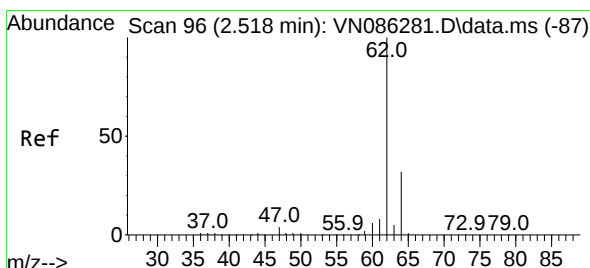
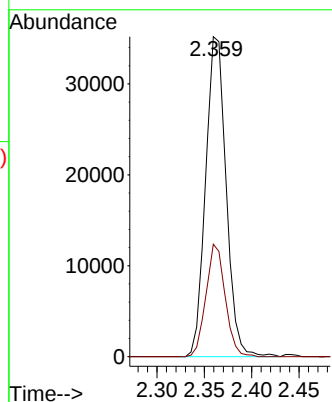
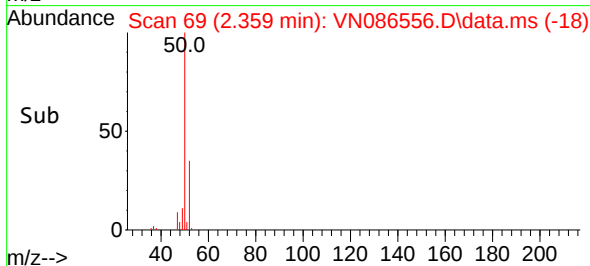
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Tgt Ion: 50 Resp: 5297
Ion Ratio Lower Upper
50 100
52 35.2 26.5 39.7

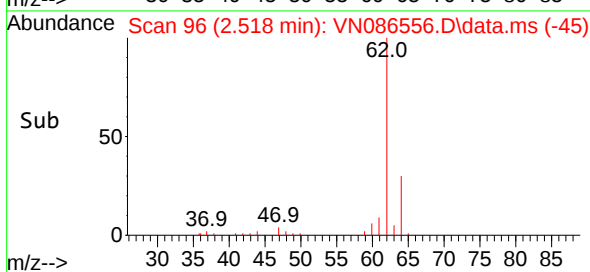
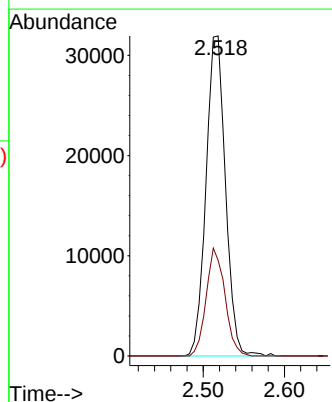
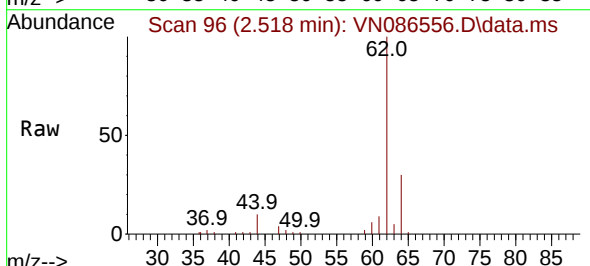
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#4
Vinyl Chloride
Concen: 16.850 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

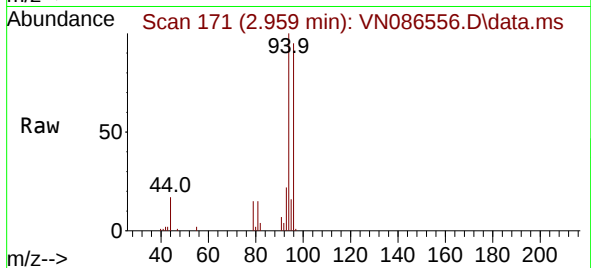
Tgt Ion: 62 Resp: 53165
Ion Ratio Lower Upper
62 100
64 29.9 25.6 38.4





#5
Bromomethane
Concen: 22.129 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

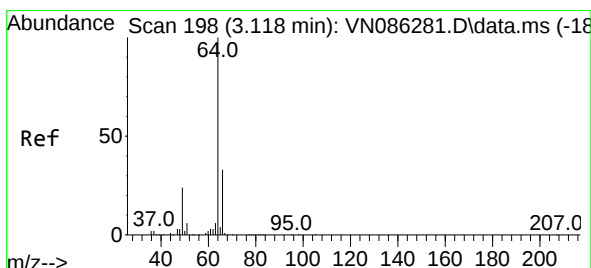
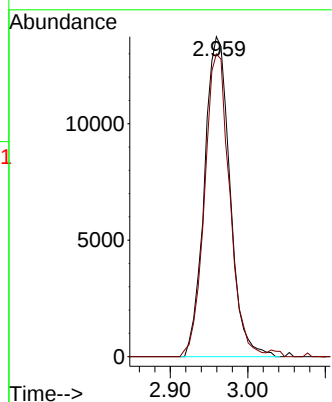
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



Tgt Ion: 94 Resp: 31400
Ion Ratio Lower Upper
94 100
96 94.6 75.2 112.8

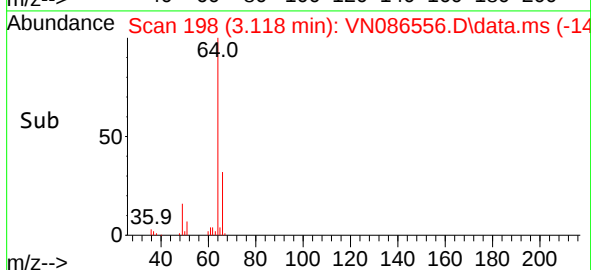
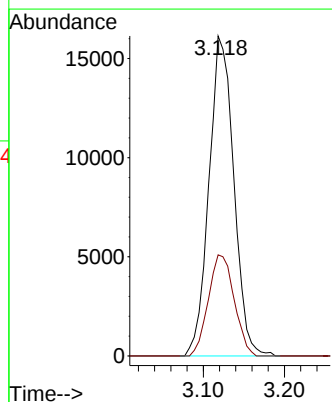
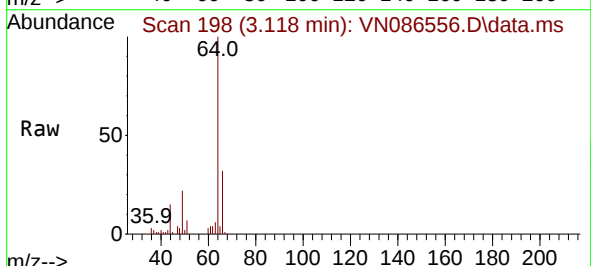
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#6
Chloroethane
Concen: 16.218 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

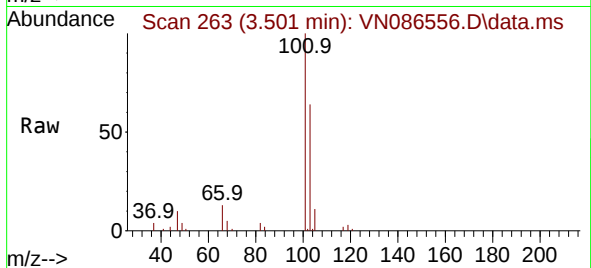
Tgt Ion: 64 Resp: 34247
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 18.865 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086556.D
 Acq: 09 May 2025 12:22

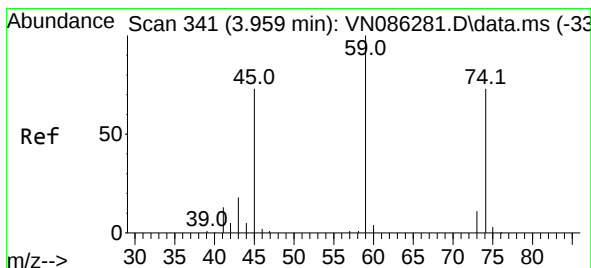
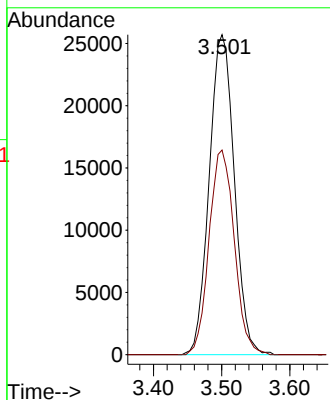
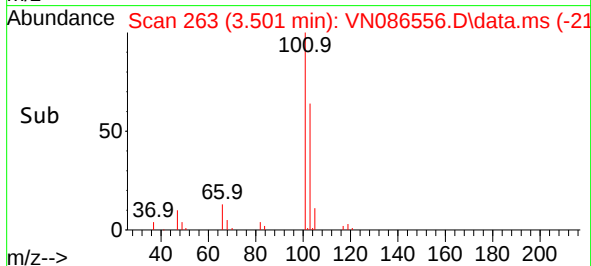
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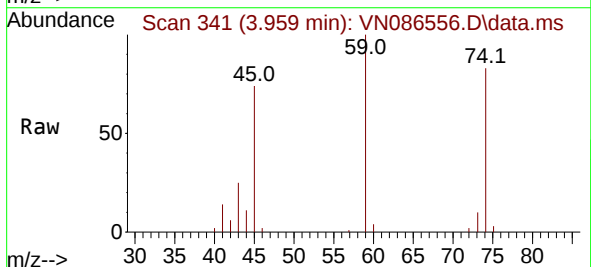
Tgt Ion:101 Resp: 6593
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.2 73.8

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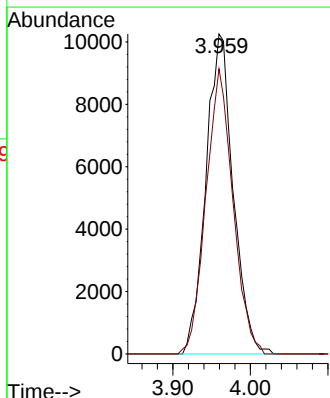
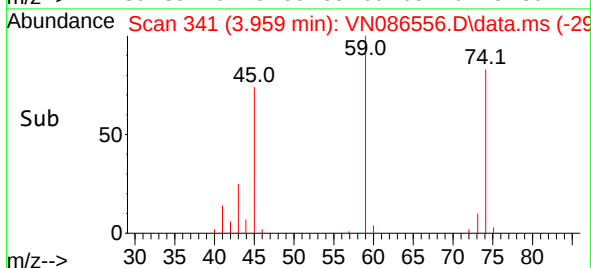
Reviewed By :John Carlone 05/12/2025
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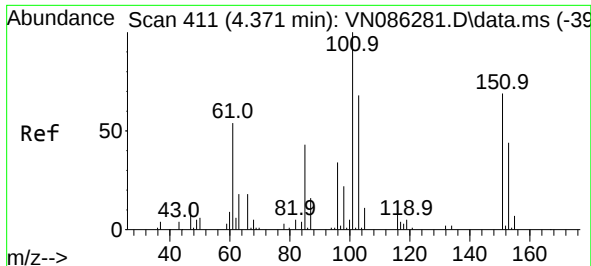


#8
 Diethyl Ether
 Concen: 16.430 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086556.D
 Acq: 09 May 2025 12:22



Tgt Ion: 74 Resp: 25068
 Ion Ratio Lower Upper
 74 100
 45 88.1 48.0 144.2





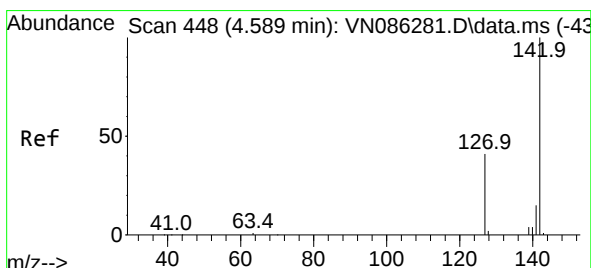
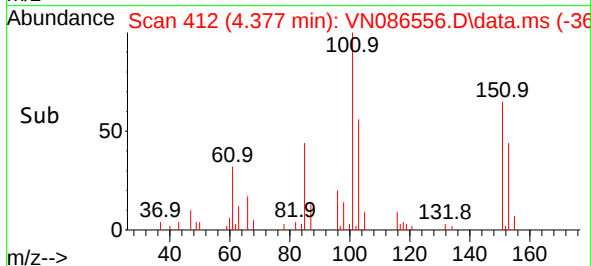
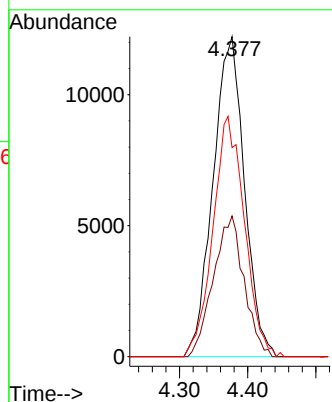
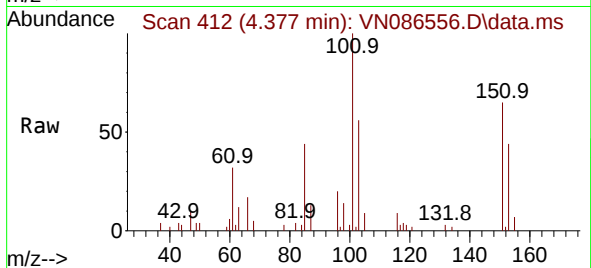
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1,1,2-Trichlorotrifluoroethane
Concen: 18.501 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086556.D
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Tgt Ion:101 Resp: 39110
Ion Ratio Lower Upper
101 100
85 43.0 34.7 52.1
151 75.4 56.1 84.1

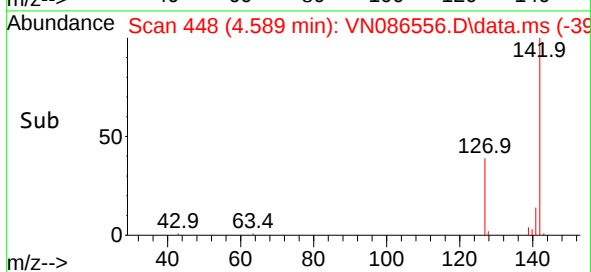
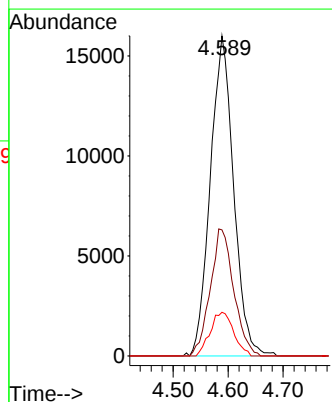
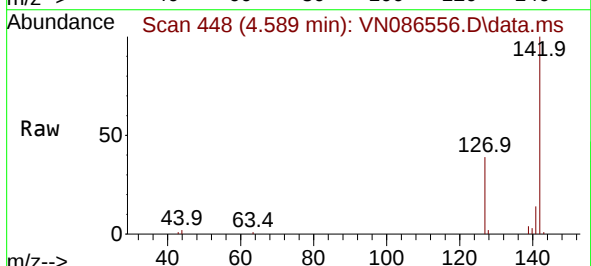
Manual Integrations
APPROVED

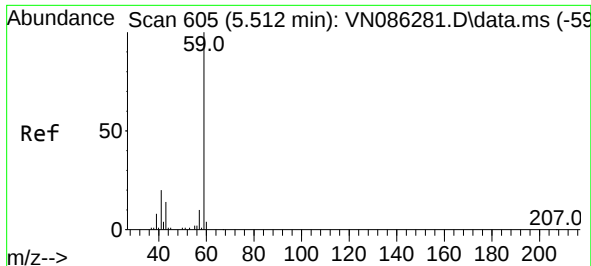
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#10
Methyl Iodide
Concen: 20.307 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

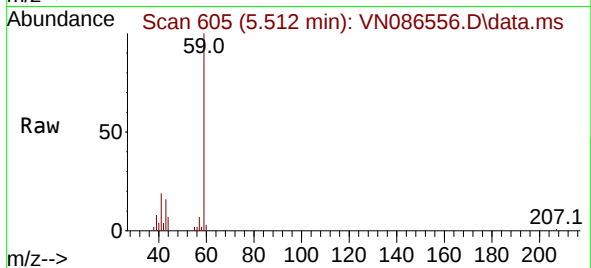
Tgt Ion:142 Resp: 47204
Ion Ratio Lower Upper
142 100
127 39.4 32.7 49.1
141 13.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 79.444 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

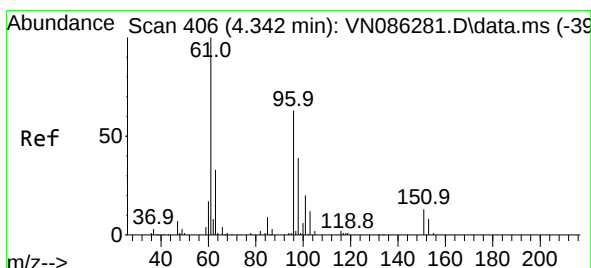
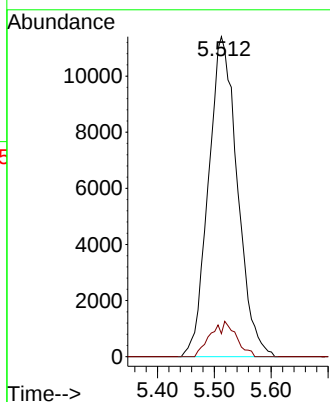
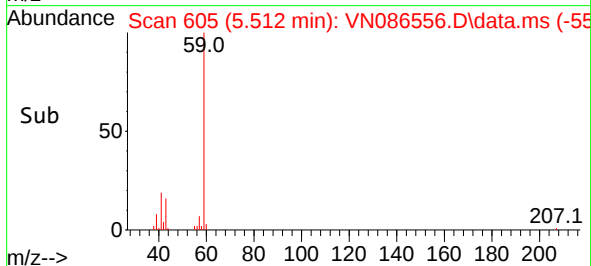
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



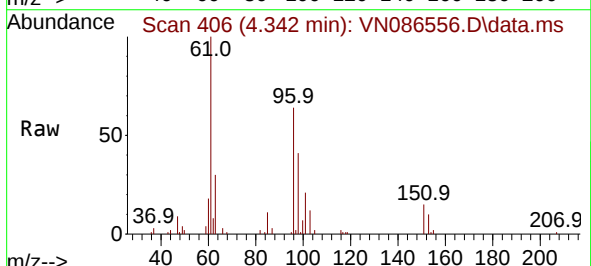
Tgt Ion: 59 Resp: 40340
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
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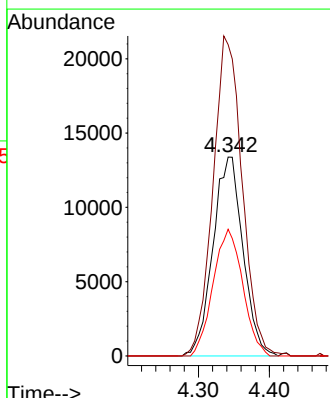
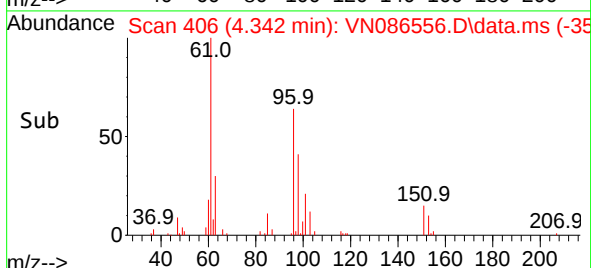
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

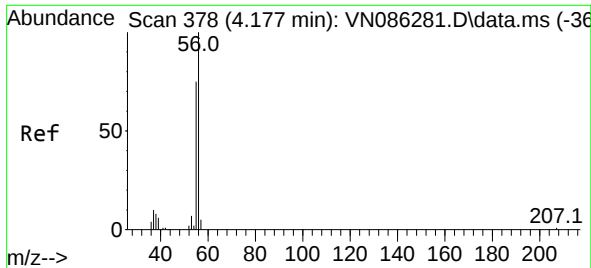


#12
1,1-Dichloroethene
Concen: 17.353 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



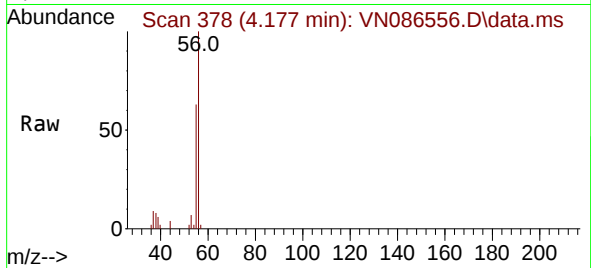
Tgt Ion: 96 Resp: 39197
Ion Ratio Lower Upper
96 100
61 156.5 126.6 189.8
98 63.7 49.6 74.4





#13
Acrolein
Concen: 93.577 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

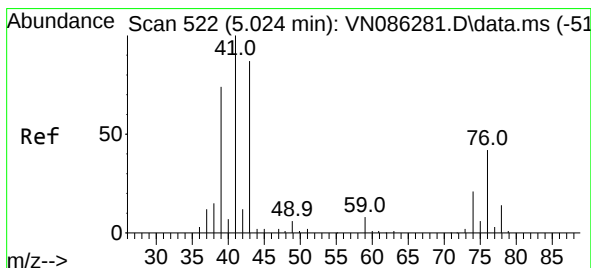
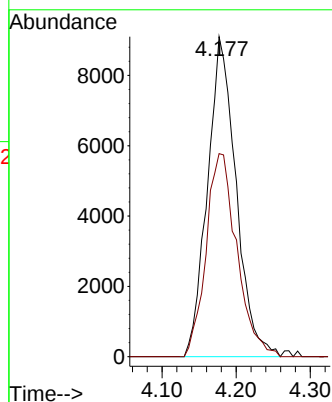
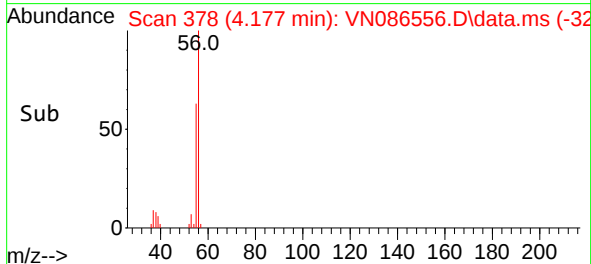
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



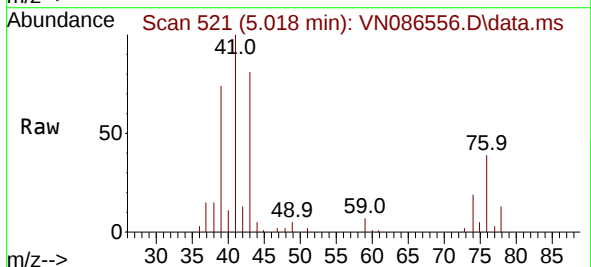
Tgt Ion: 56 Resp: 24392
Ion Ratio Lower Upper
56 100
55 68.2 58.5 87.7

Manual Integrations
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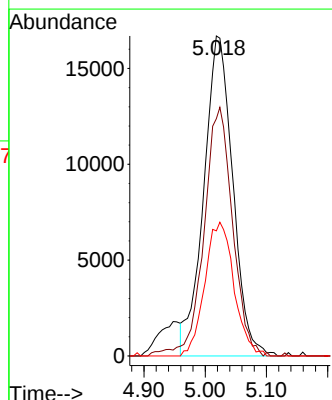
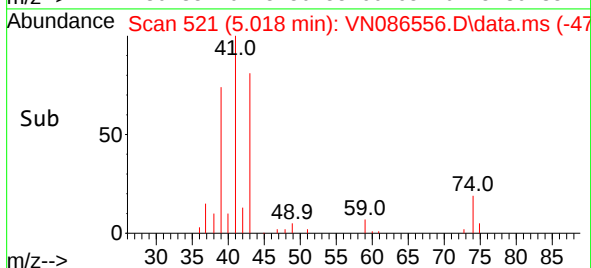
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#14
Allyl chloride
Concen: 13.691 ug/l m
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



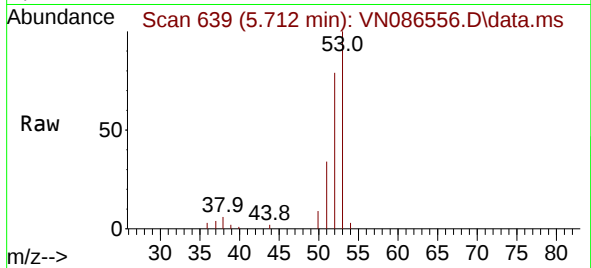
Tgt Ion: 41 Resp: 54977
Ion Ratio Lower Upper
41 100
39 76.6 59.2 88.8
76 42.0 31.2 46.8





#15
Acrylonitrile
Concen: 81.381 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

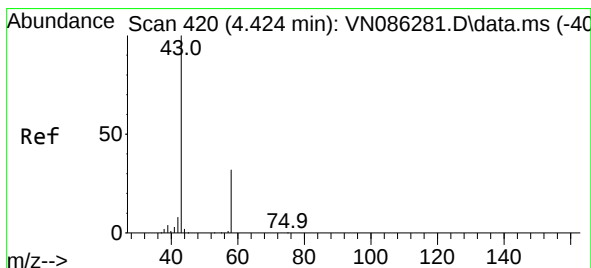
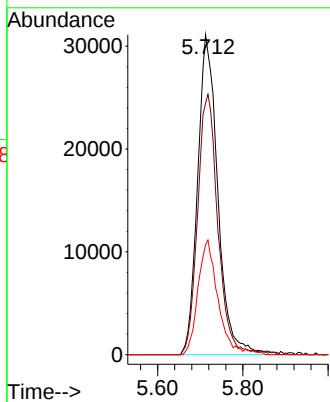
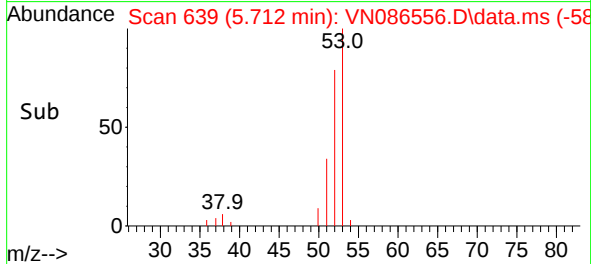
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



Tgt Ion: 53 Resp: 10215
Ion Ratio Lower Upper
53 100
52 81.6 65.5 98.3
51 34.9 28.6 42.8

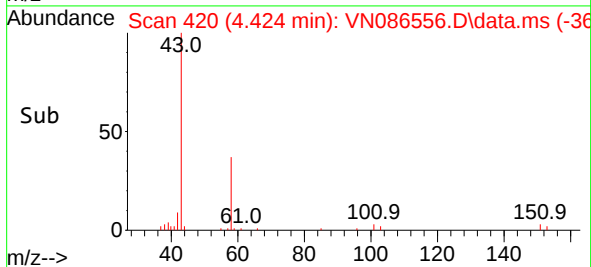
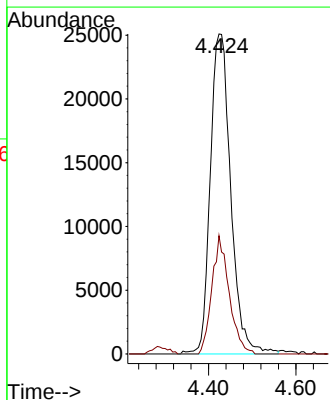
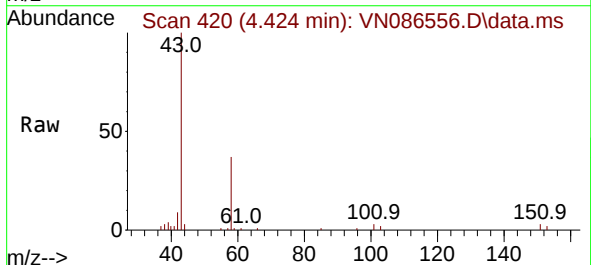
Manual Integrations
APPROVED

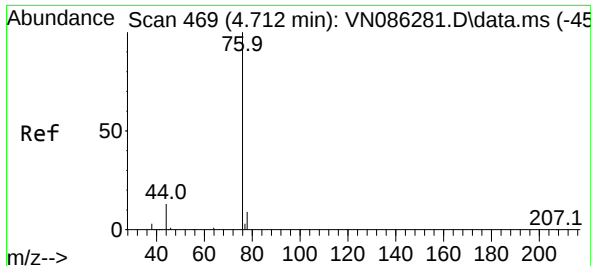
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#16
Acetone
Concen: 80.852 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

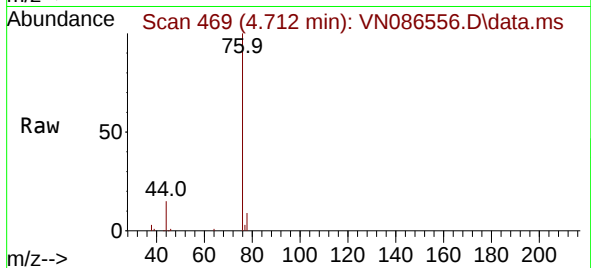
Tgt Ion: 43 Resp: 81510
Ion Ratio Lower Upper
43 100
58 37.0 25.3 37.9





#17
Carbon Disulfide
Concen: 16.321 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

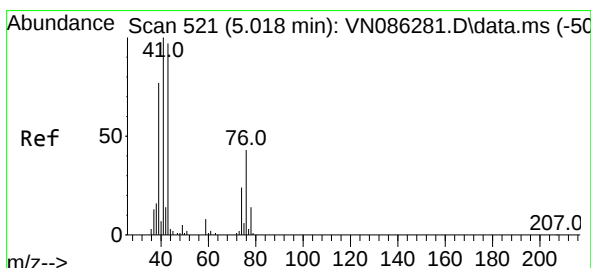
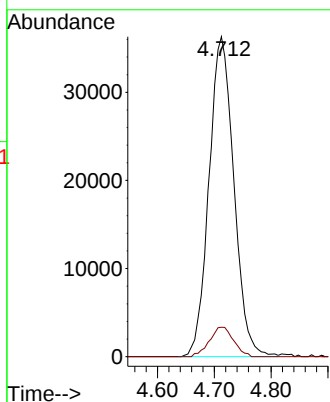
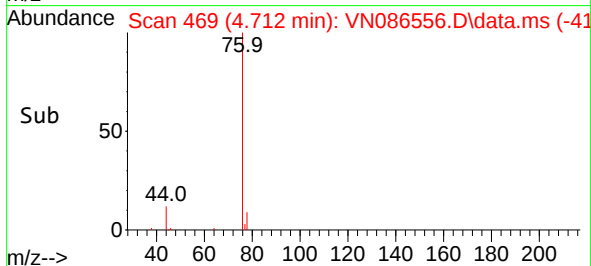
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



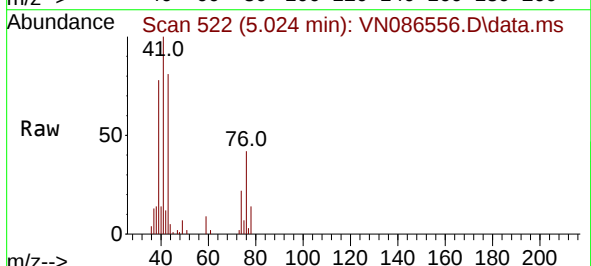
Tgt Ion: 76 Resp: 110390
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

Manual Integrations
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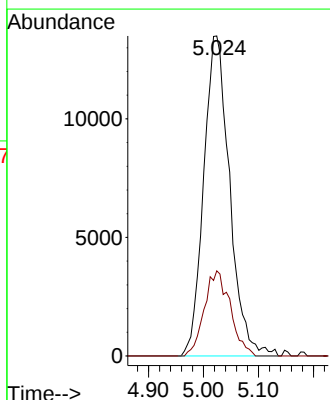
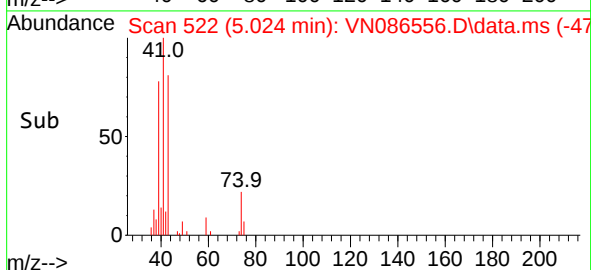
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

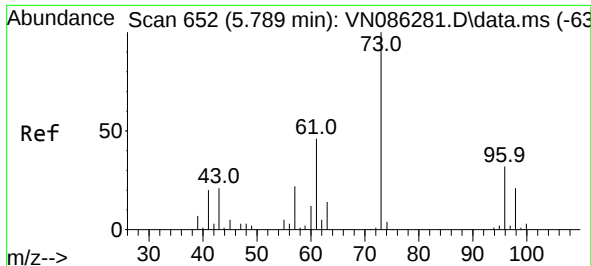


#18
Methyl Acetate
Concen: 13.243 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



Tgt Ion: 43 Resp: 44241
Ion Ratio Lower Upper
43 100
74 26.6 19.8 29.6





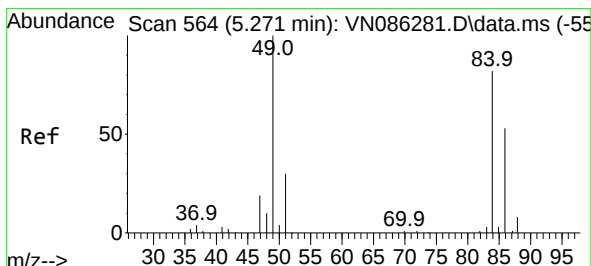
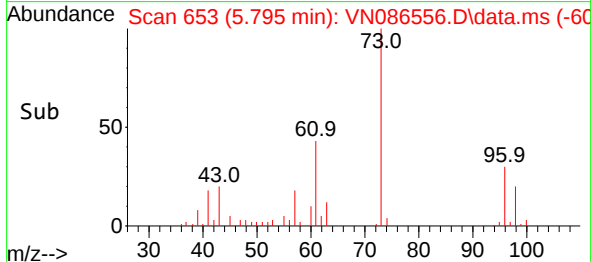
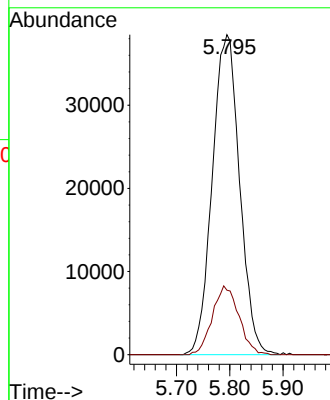
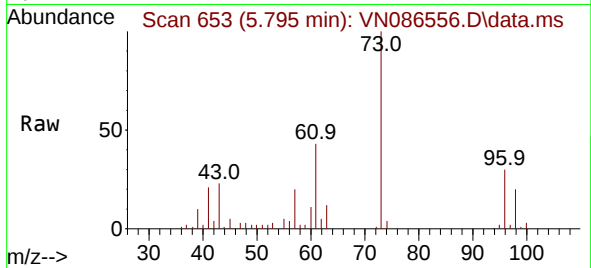
#19
Methyl tert-butyl Ether
Concen: 16.521 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01

Tgt Ion: 73 Resp: 137179
Ion Ratio Lower Upper
73 100
57 20.2 17.6 26.4

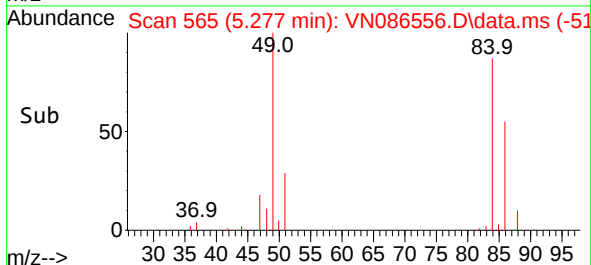
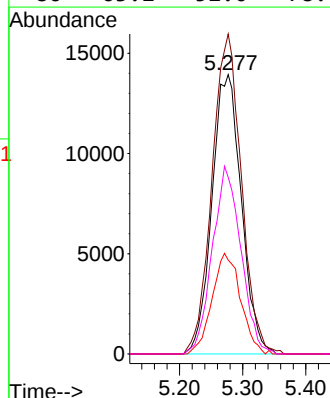
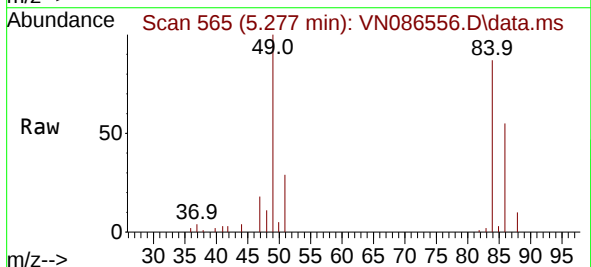
Manual Integrations
APPROVED

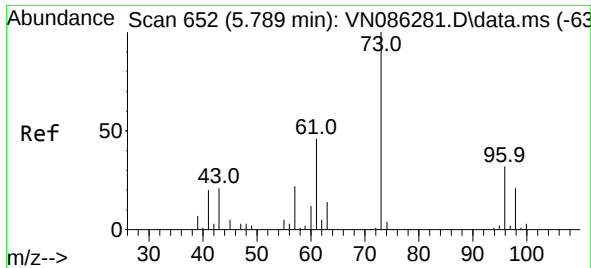
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#20
Methylene Chloride
Concen: 17.523 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

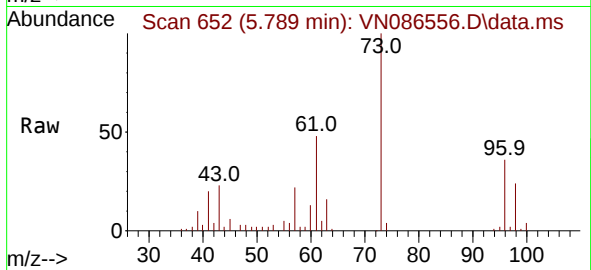
Tgt Ion: 84 Resp: 45082
Ion Ratio Lower Upper
84 100
49 114.5 98.2 147.2
51 33.6 29.8 44.6
86 63.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 17.468 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

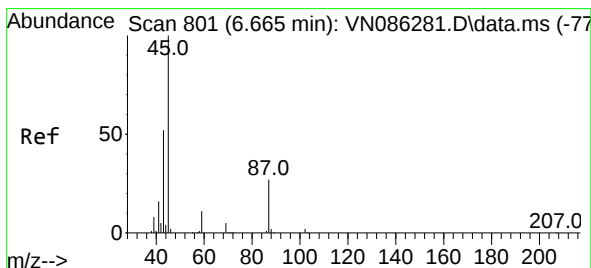
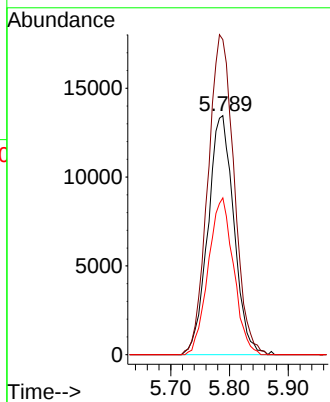
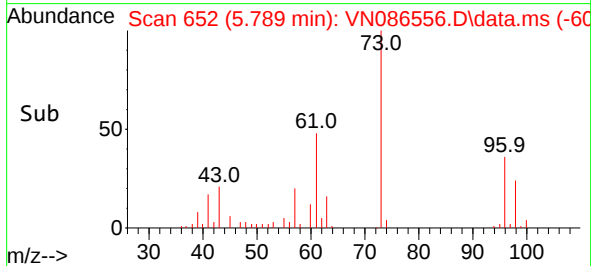
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



Tgt Ion: 96 Resp: 4125
Ion Ratio Lower Upper
96 100
61 131.8 114.6 171.8
98 65.6 51.2 76.8

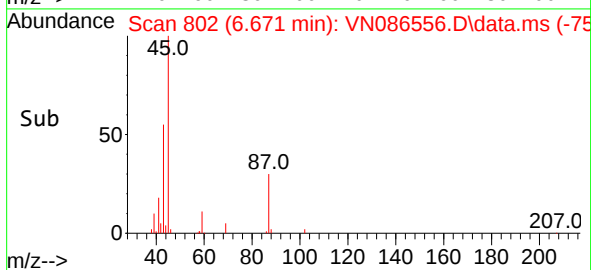
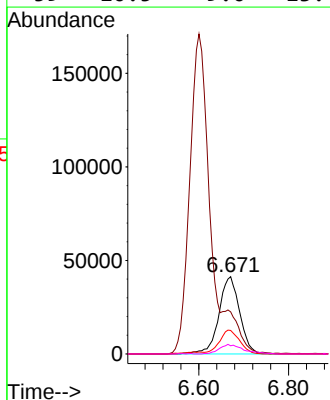
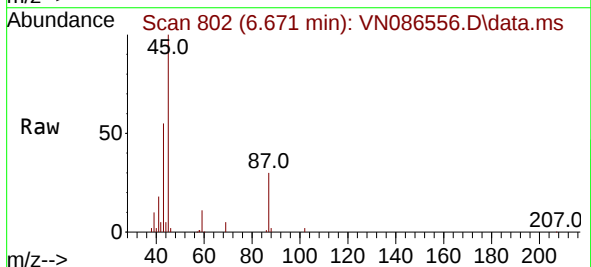
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#22
Diisopropyl ether
Concen: 15.221 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Tgt Ion: 45 Resp: 132960
Ion Ratio Lower Upper
45 100
43 53.5 41.8 62.8
87 30.4 21.6 32.4
59 10.5 9.0 13.4





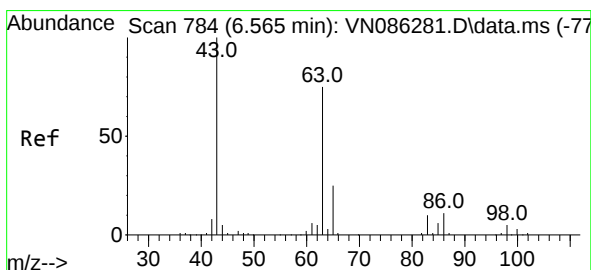
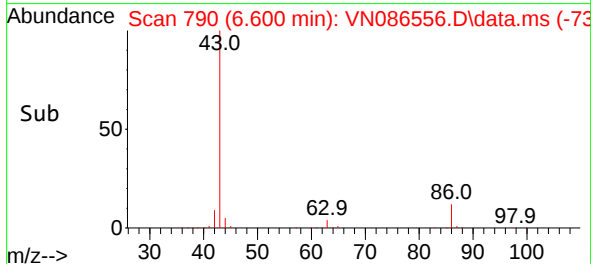
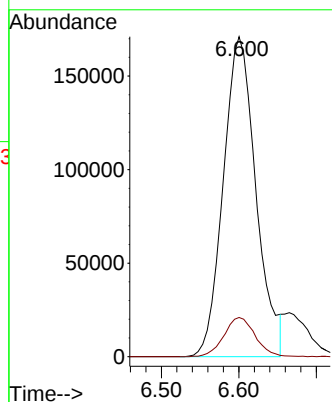
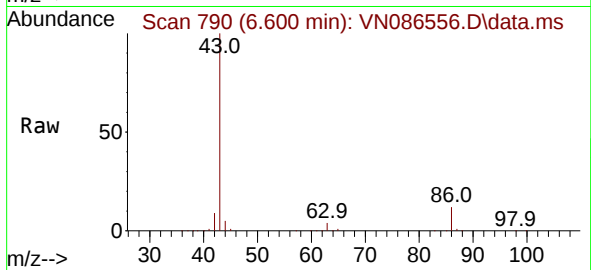
#23
 Vinyl Acetate
 Concen: 82.194 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086556.D
 Acq: 09 May 2025 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509MBS01

Tgt Ion: 43 Resp: 501908
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.6 13.0

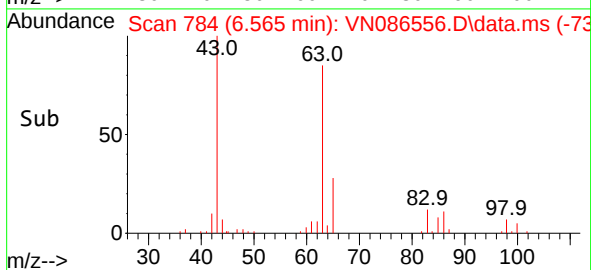
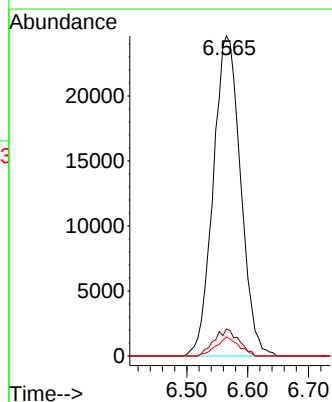
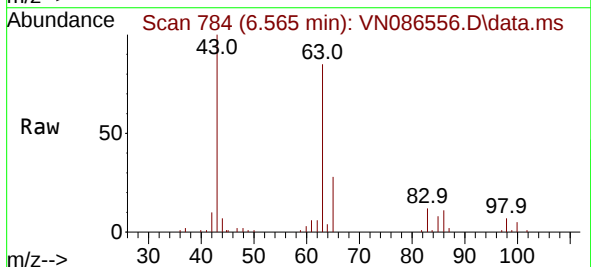
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#24
 1,1-Dichloroethane
 Concen: 16.644 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086556.D
 Acq: 09 May 2025 12:22

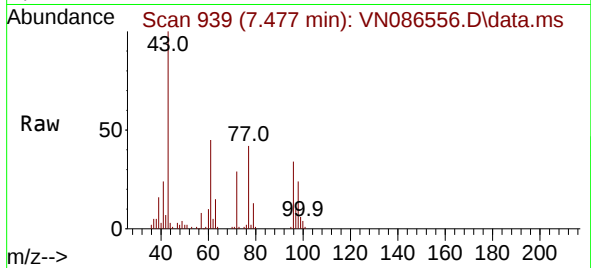
Tgt Ion: 63 Resp: 76712
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.4 10.2
 100 6.0 2.1 6.5





#25
2-Butanone
Concen: 77.447 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

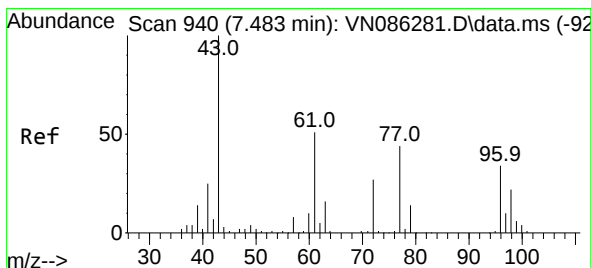
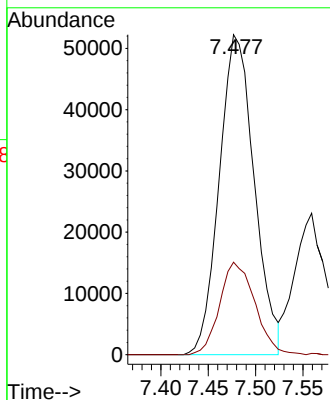
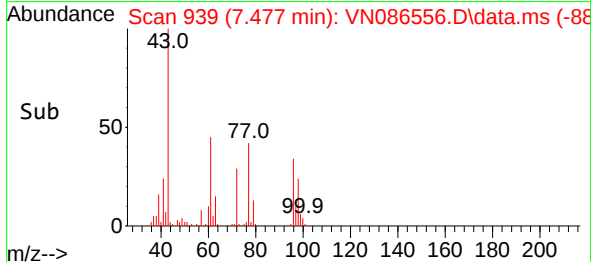
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



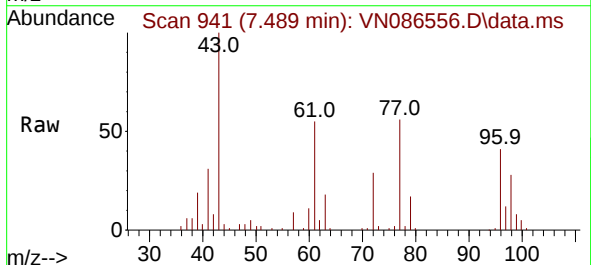
Tgt Ion: 43 Resp: 134158
Ion Ratio Lower Upper
43 100
72 28.9 21.7 32.5

Manual Integrations
APPROVED

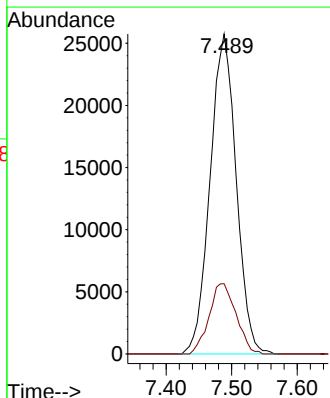
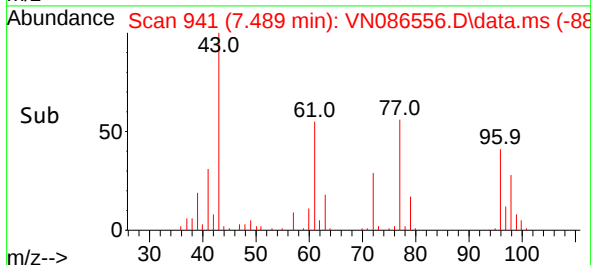
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

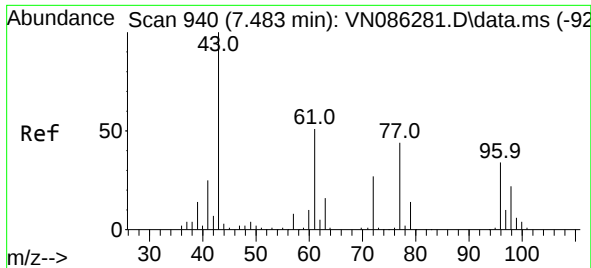


#26
2,2-Dichloropropane
Concen: 17.255 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



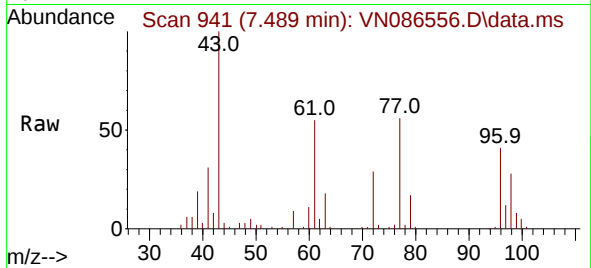
Tgt Ion: 77 Resp: 71206
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 17.662 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086556.D
 Acq: 09 May 2025 12:22

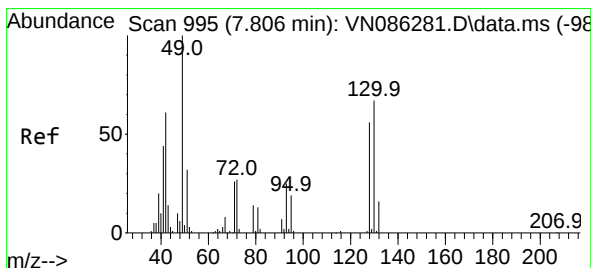
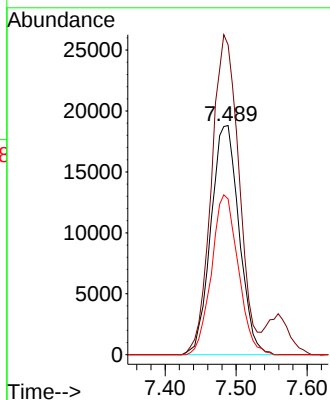
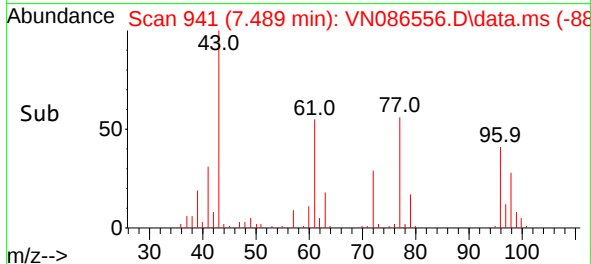
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509MBS01



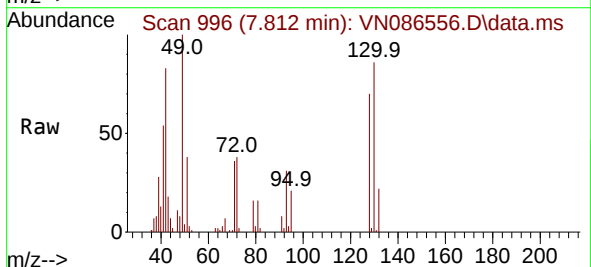
Tgt Ion: 96 Resp: 51769
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 299.0
 98 66.2 0.0 129.6

Manual Integrations
 APPROVED

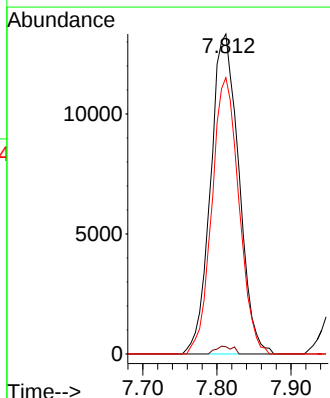
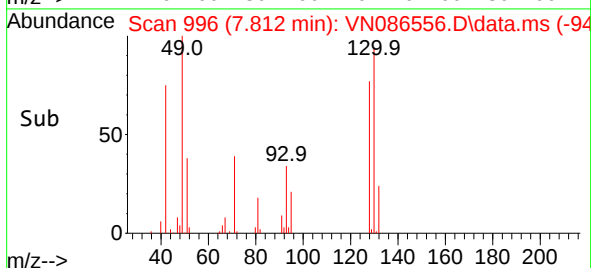
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#28
 Bromochloromethane
 Concen: 18.037 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086556.D
 Acq: 09 May 2025 12:22



Tgt Ion: 49 Resp: 35249
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 82.6 57.1 85.7





#29

Tetrahydrofuran

Concen: 76.027 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS01

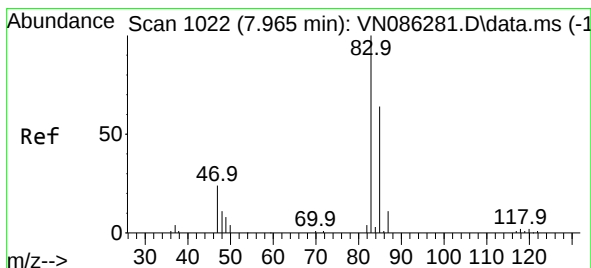
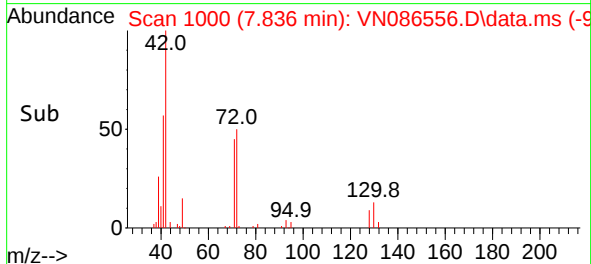
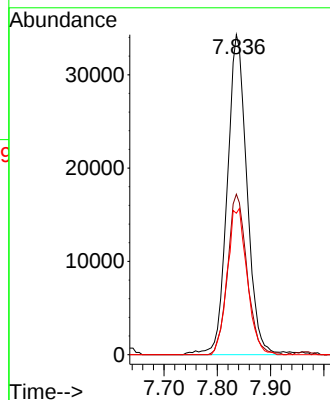
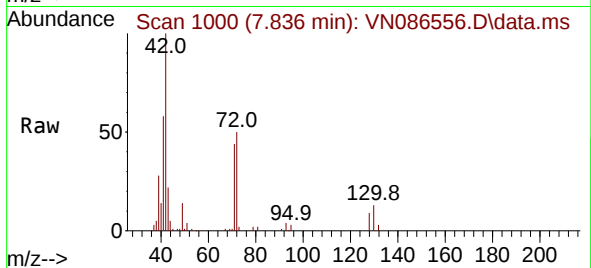
Tgt Ion:	42	Resp:	8806
Ion Ratio	Lower	Upper	
42	100		
72	49.5	36.2	54.4
71	46.1	34.0	51.0

Manual Integrations

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Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#30

Chloroform

Concen: 17.637 ug/l

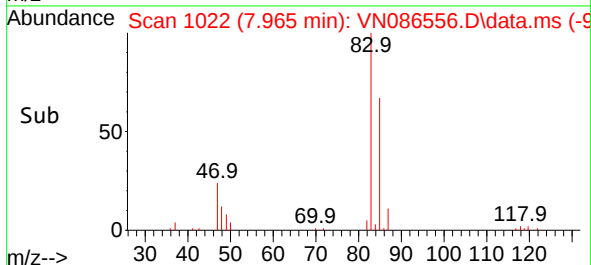
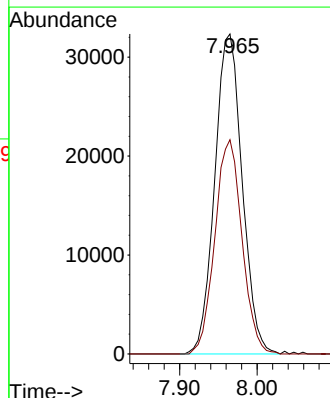
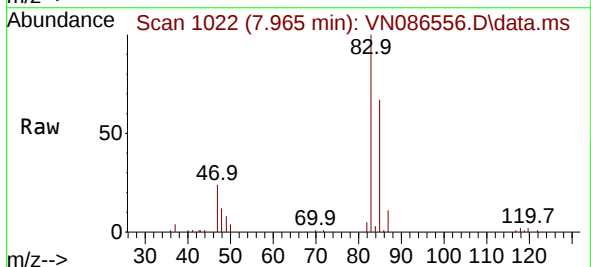
RT: 7.965 min Scan# 1022

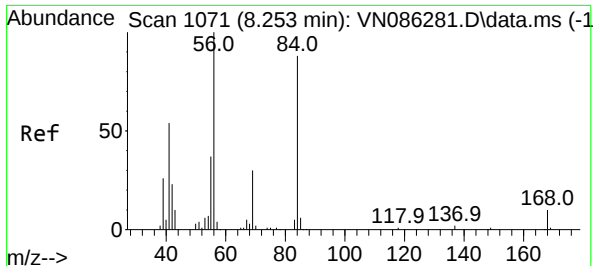
Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

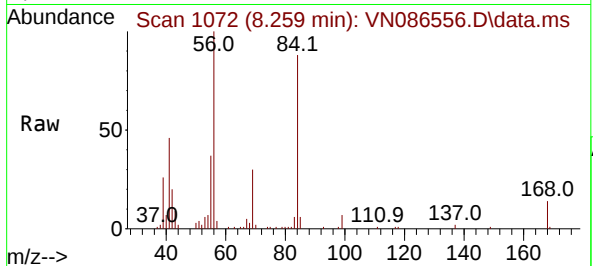
Tgt Ion:	83	Resp:	79851
Ion Ratio	Lower	Upper	
83	100		
85	66.9	51.5	77.3





#31
Cyclohexane
Concen: 16.387 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

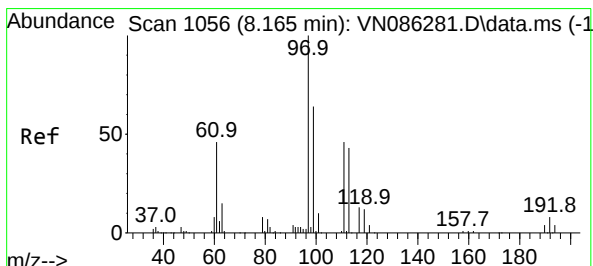
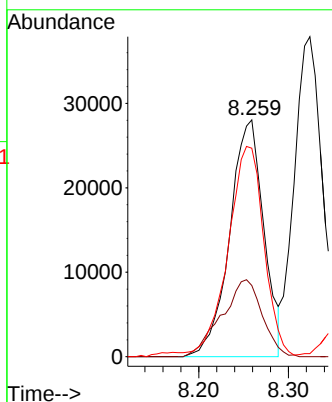
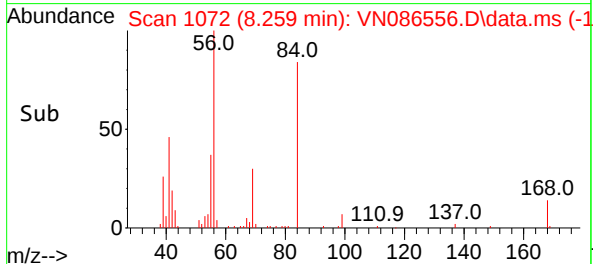
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



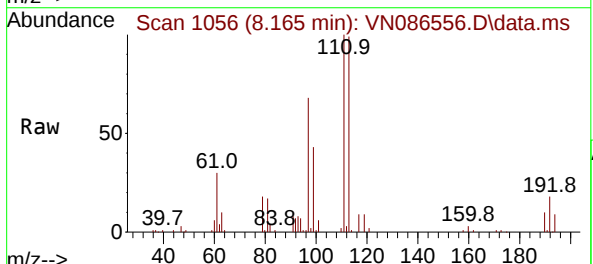
Tgt Ion: 56 Resp: 7390
Ion Ratio Lower Upper
56 100
69 30.1 24.2 36.2
84 86.4 70.3 105.5

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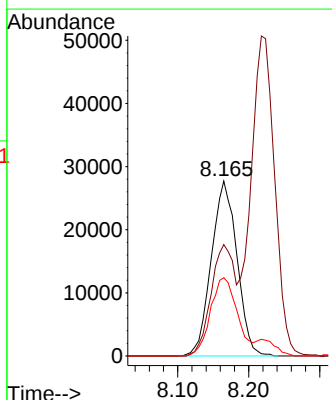
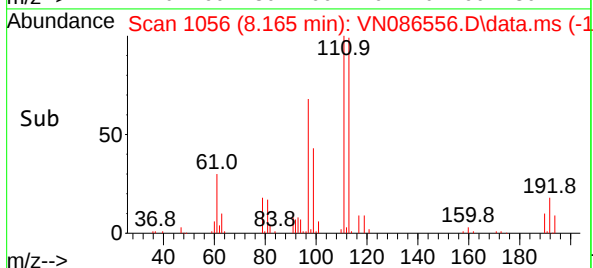
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#32
1,1,1-Trichloroethane
Concen: 17.915 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



Tgt Ion: 97 Resp: 69389
Ion Ratio Lower Upper
97 100
99 58.0 52.7 79.1
61 47.1 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 45.745 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS01

Tgt Ion: 65 Resp: 127308

Ion Ratio Lower Upper

65 100

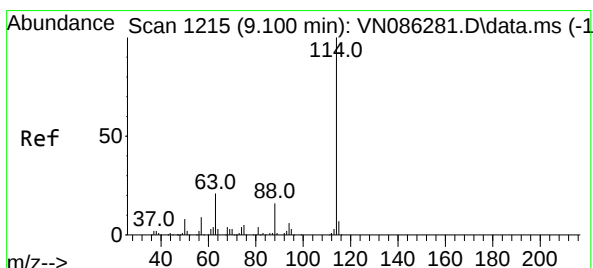
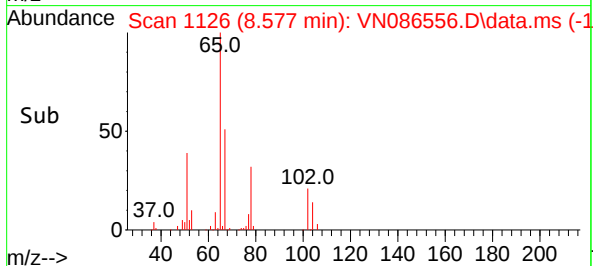
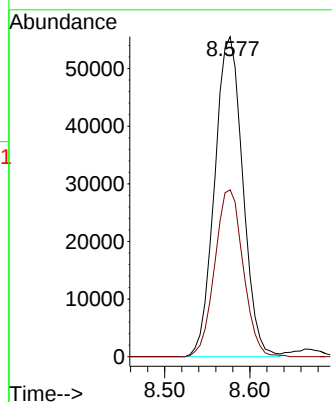
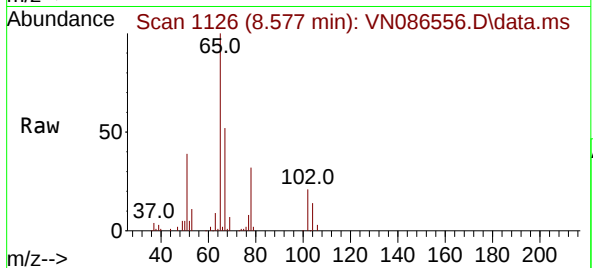
67 52.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

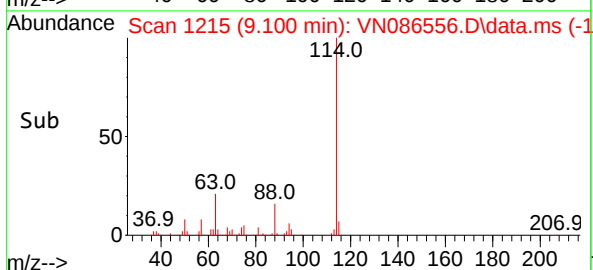
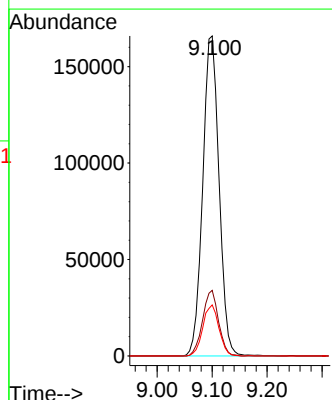
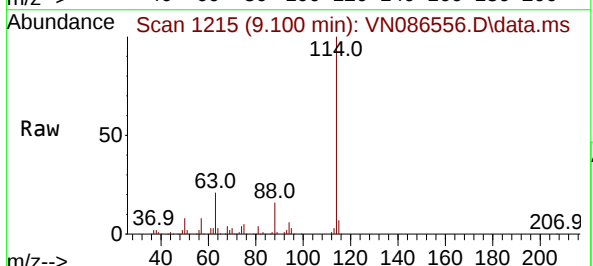
Tgt Ion:114 Resp: 342060

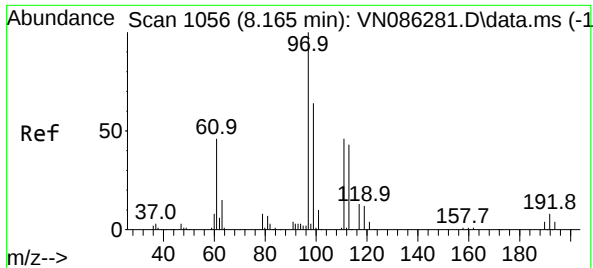
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

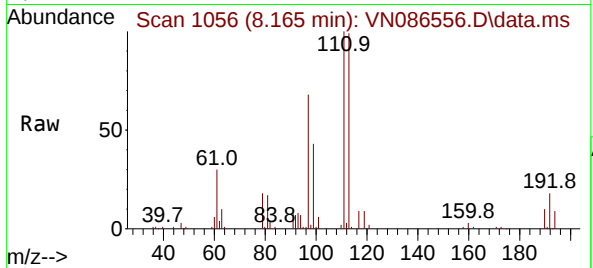
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 61.647 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

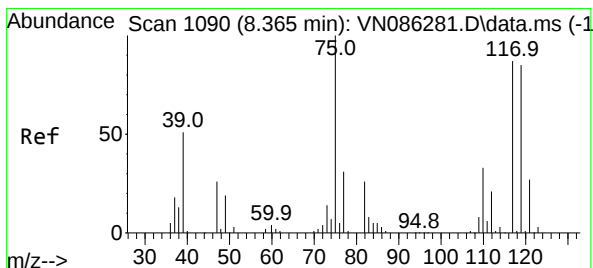
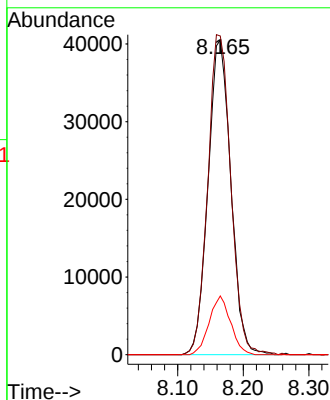
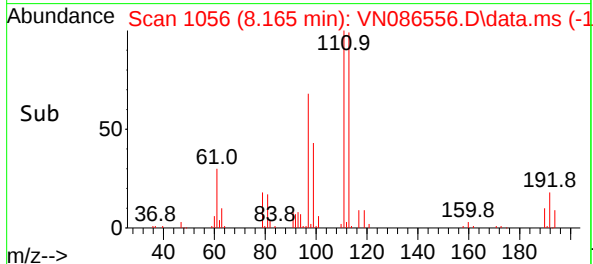
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



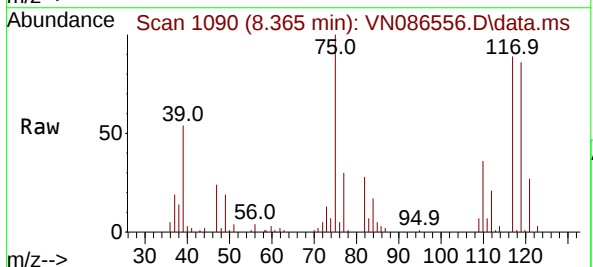
Tgt Ion:113 Resp: 9786
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.0
192 17.5 13.7 20.5

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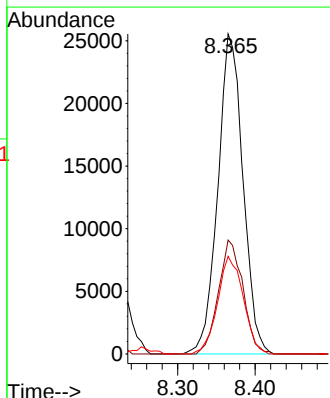
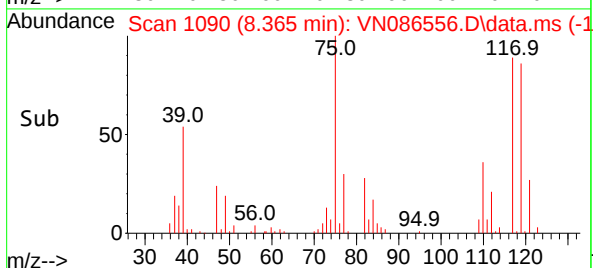
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

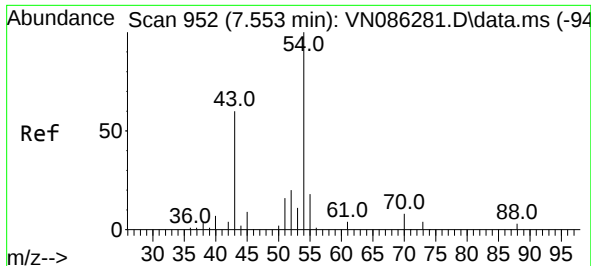


#36
1,1-Dichloropropene
Concen: 18.162 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



Tgt Ion: 75 Resp: 57590
Ion Ratio Lower Upper
75 100
110 34.7 16.8 50.4
77 31.2 24.9 37.3





#37

Ethyl Acetate

Concen: 16.296 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS01

Tgt Ion: 43 Resp: 5440

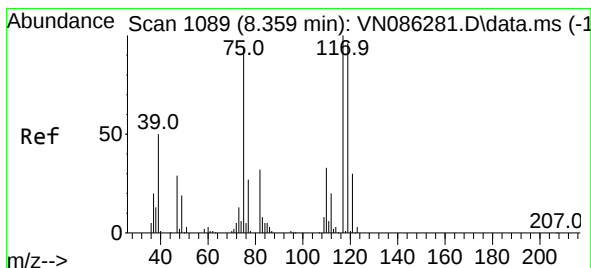
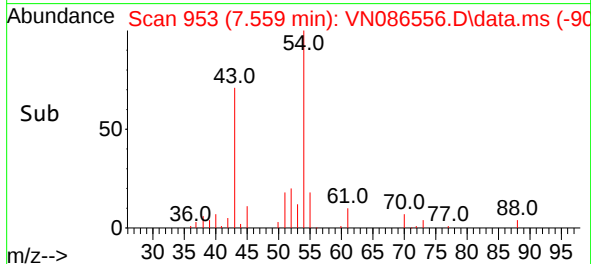
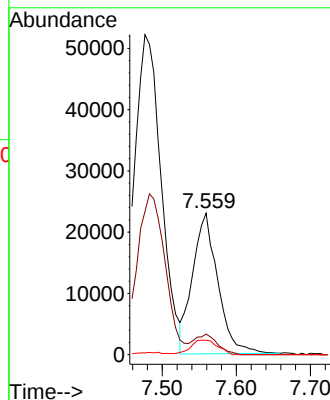
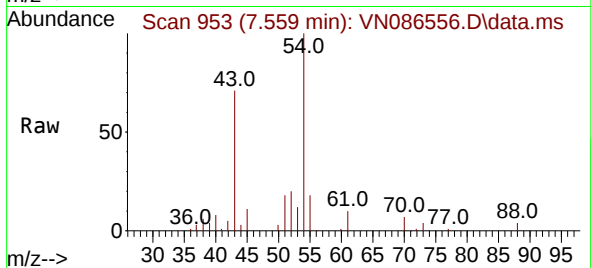
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.1	16.7
70	11.1	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#38

Carbon Tetrachloride

Concen: 19.476 ug/l

RT: 8.359 min Scan# 1089

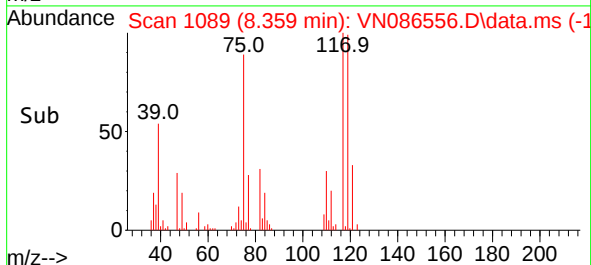
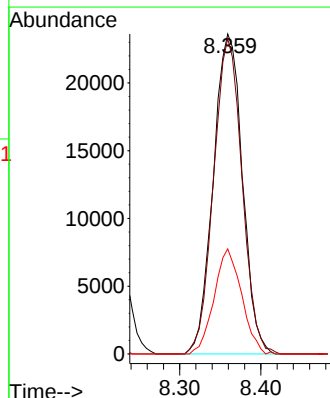
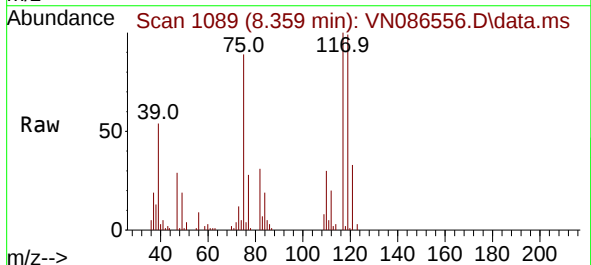
Delta R.T. 0.000 min

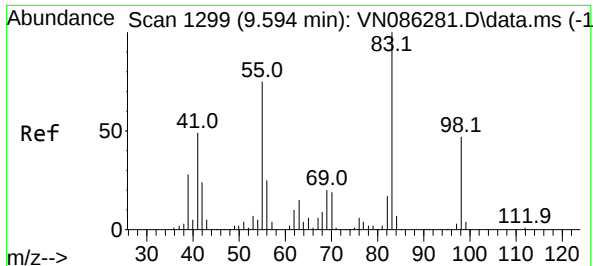
Lab File: VN086556.D

Acq: 09 May 2025 12:22

Tgt Ion:117 Resp: 58811

Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.8	115.2
121	32.9	23.8	35.8





#39

Methylcyclohexane

Concen: 17.239 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS01

Tgt Ion: 83 Resp: 6497

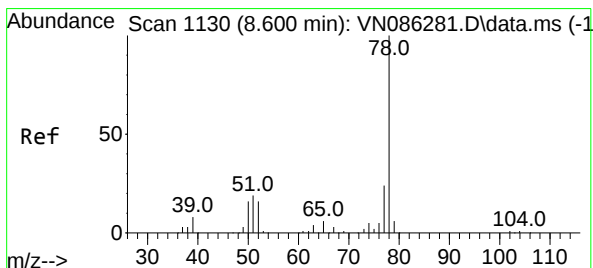
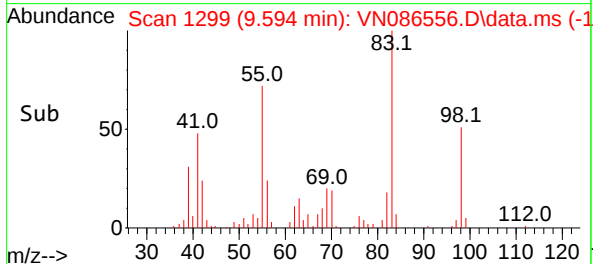
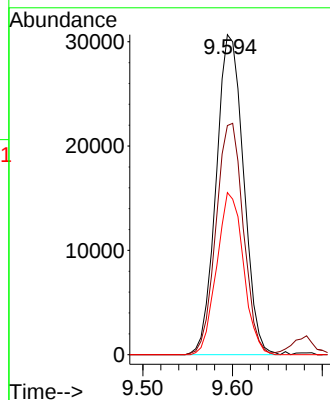
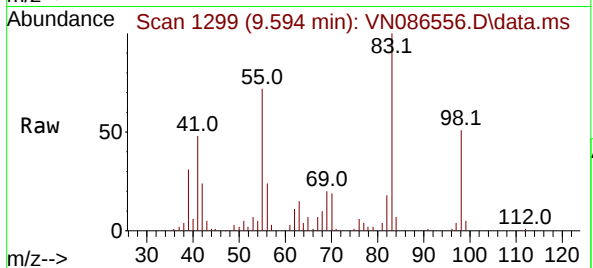
Ion	Ratio	Lower	Upper
83	100		
55	71.6	59.8	89.8
98	50.7	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#40

Benzene

Concen: 17.984 ug/l

RT: 8.600 min Scan# 1130

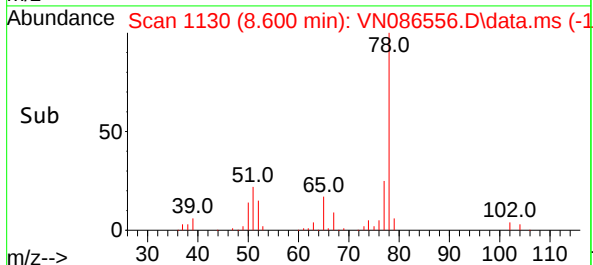
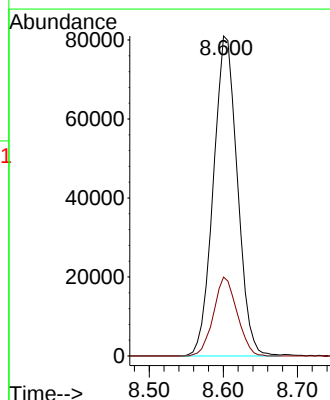
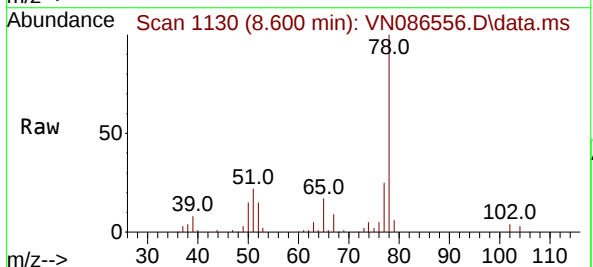
Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

Tgt Ion: 78 Resp: 182706

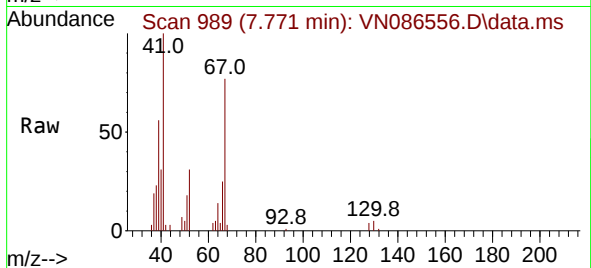
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.2





#41
Methacrylonitrile
Concen: 16.247 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

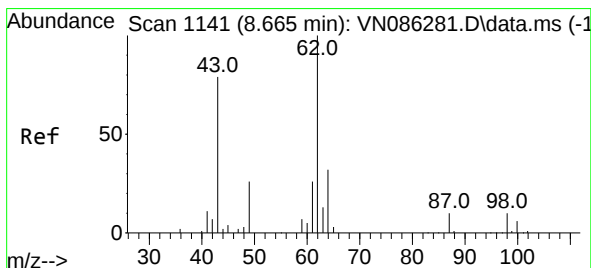
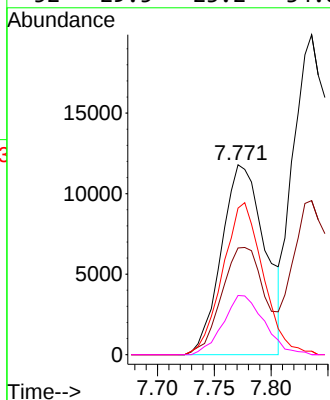
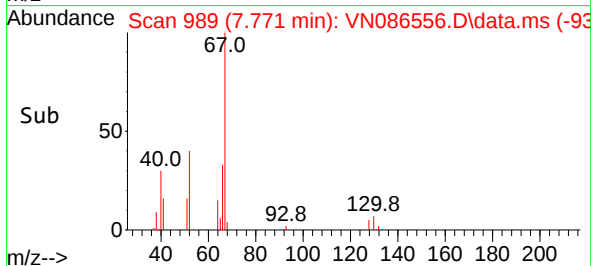
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



Tgt Ion:	41	Resp:	31434
Ion Ratio	100	Lower	Upper
39	56.3	43.0	64.4
67	74.1	58.8	88.2
52	29.5	23.2	34.8

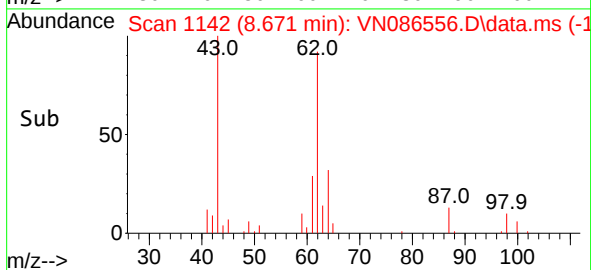
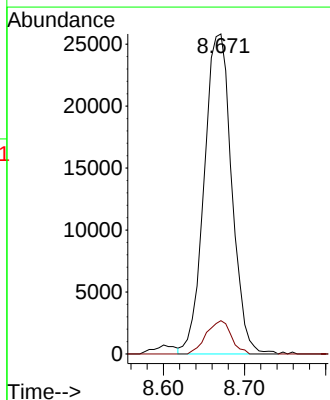
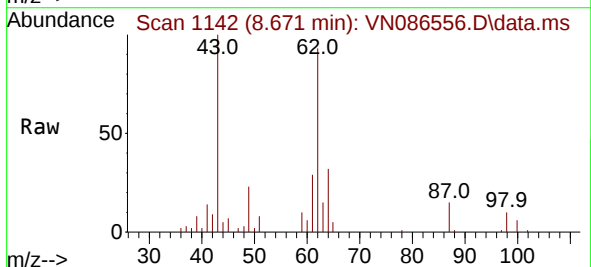
Manual Integrations
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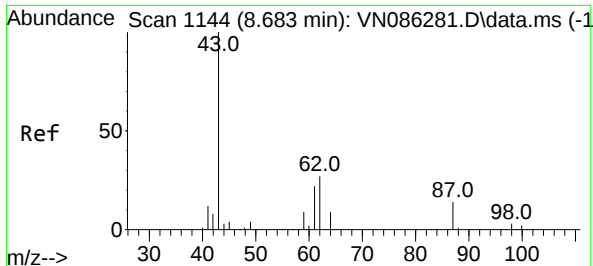
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#42
1,2-Dichloroethane
Concen: 18.752 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

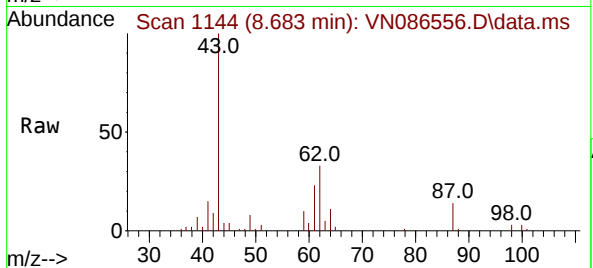
Tgt Ion:	62	Resp:	60752
Ion Ratio	100	Lower	Upper
98	9.4	0.0	19.2





#43
Isopropyl Acetate
Concen: 15.612 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

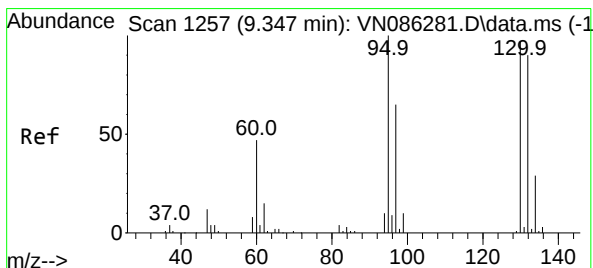
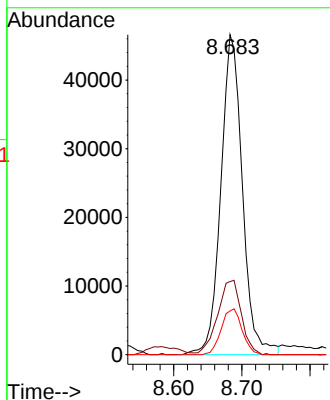
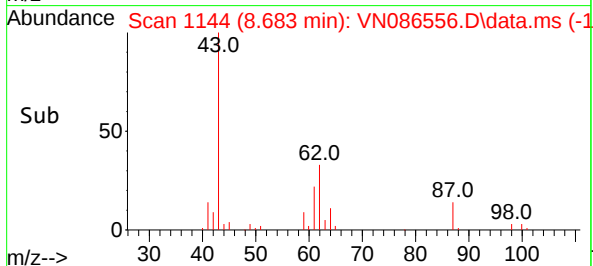
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



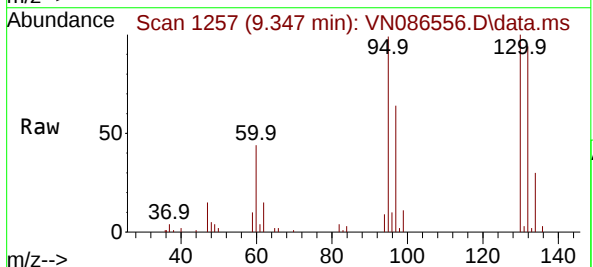
Tgt Ion: 43 Resp: 102670
Ion Ratio Lower Upper
43 100
61 25.6 20.5 30.7
87 13.8 10.5 15.7

Manual Integrations
APPROVED

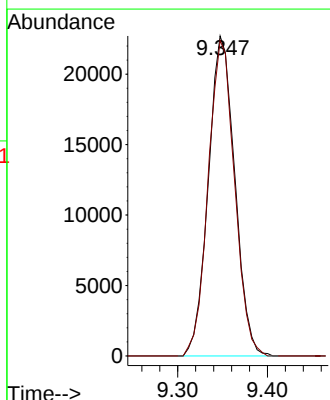
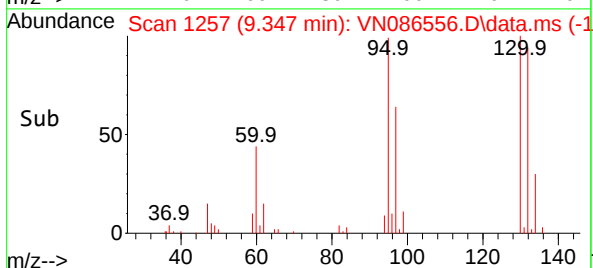
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#44
Trichloroethene
Concen: 19.341 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



Tgt Ion:130 Resp: 46573
Ion Ratio Lower Upper
130 100
95 98.6 0.0 207.2





#45

1,2-Dichloropropane

Concen: 17.156 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS01

Tgt Ion: 63 Resp: 4266

Ion Ratio Lower Upper

63 100

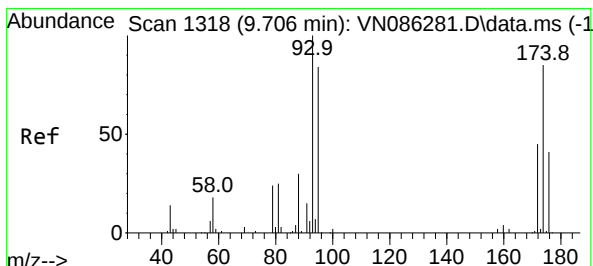
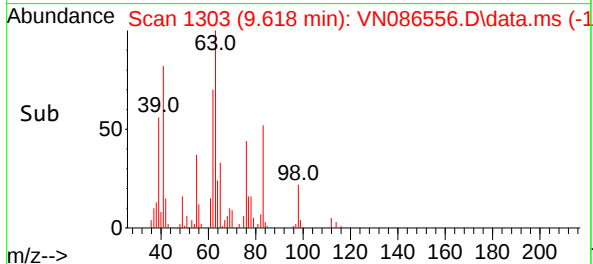
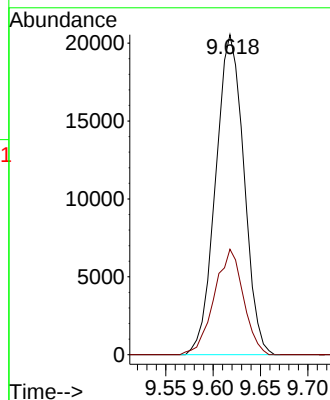
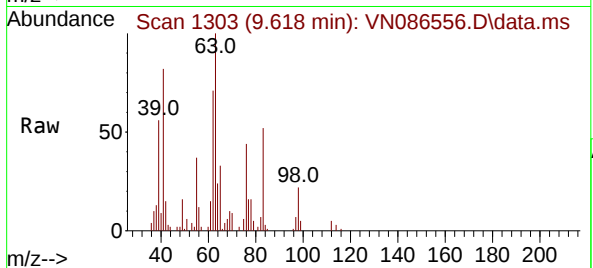
65 33.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#46

Dibromomethane

Concen: 19.512 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

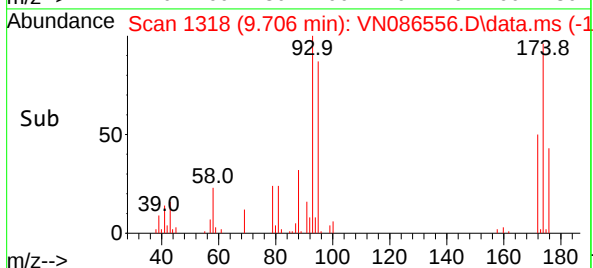
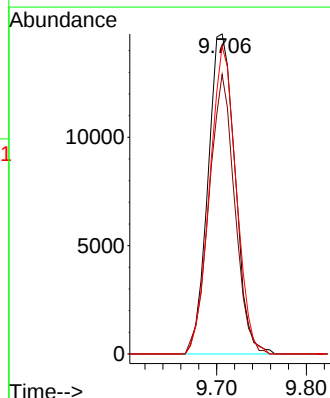
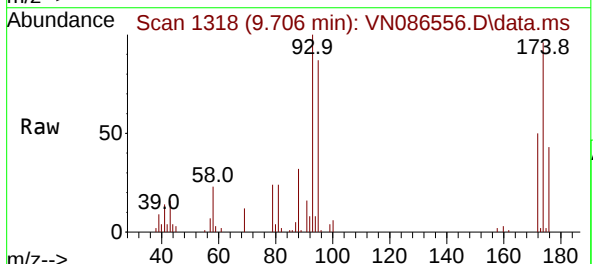
Tgt Ion: 93 Resp: 30916

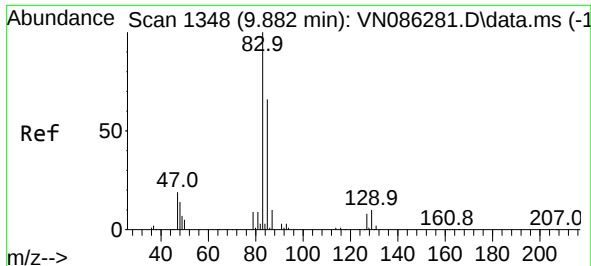
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 93.8 67.8 101.6





#47

Bromodichloromethane

Concen: 18.216 ug/l

RT: 9.883 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS01

Tgt Ion: 83 Resp: 62339

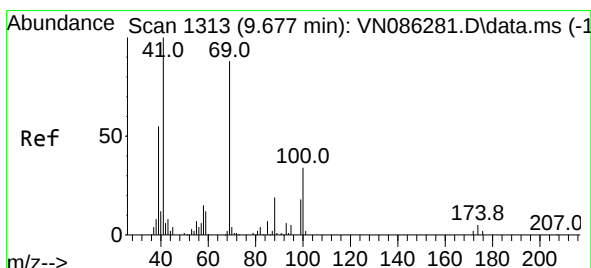
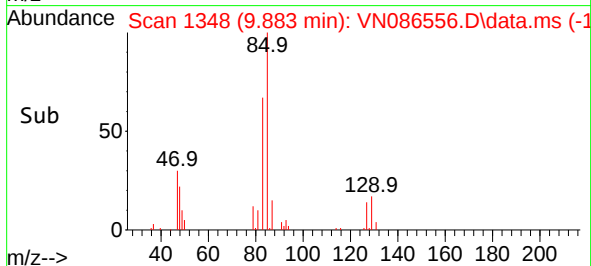
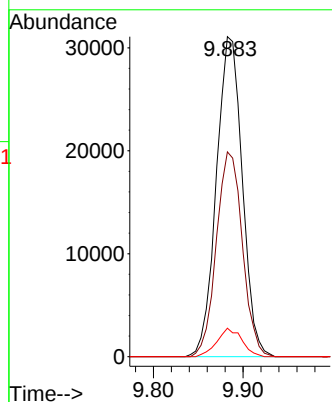
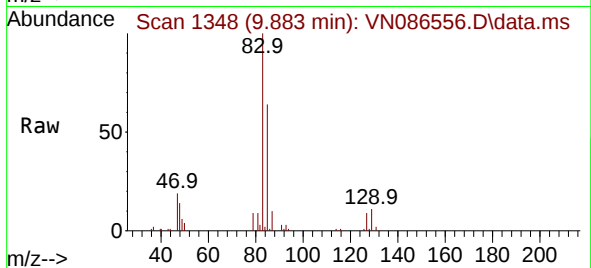
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.6	78.8
127	8.9	6.1	9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#48

Methyl methacrylate

Concen: 15.303 ug/l

RT: 9.677 min Scan# 1313

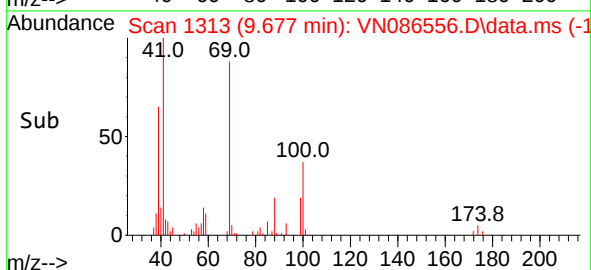
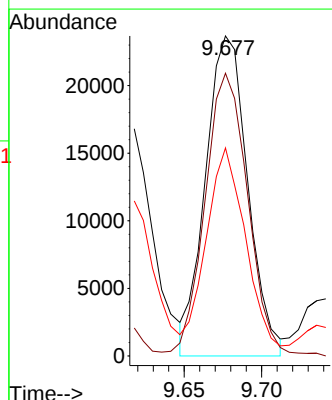
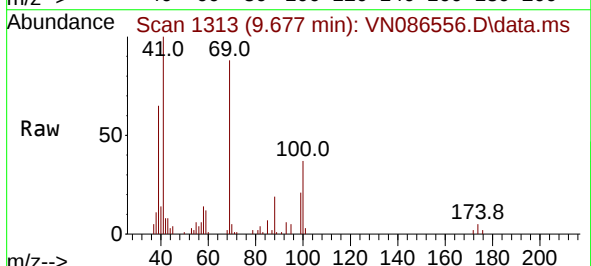
Delta R.T. 0.000 min

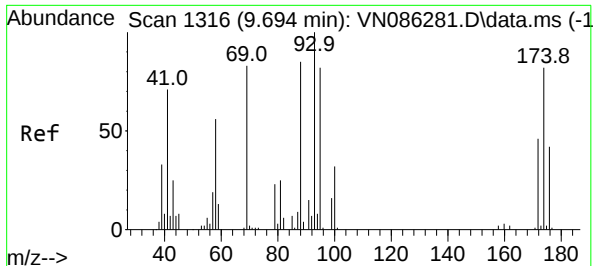
Lab File: VN086556.D

Acq: 09 May 2025 12:22

Tgt Ion: 41 Resp: 44861

Ion	Ratio	Lower	Upper
41	100		
69	89.7	68.2	102.2
39	61.8	45.2	67.8





#49

1,4-Dioxane

Concen: 350.303 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS01

Tgt Ion: 88 Resp: 1746

Ion Ratio Lower Upper

88 100

43 25.6 23.8 35.8

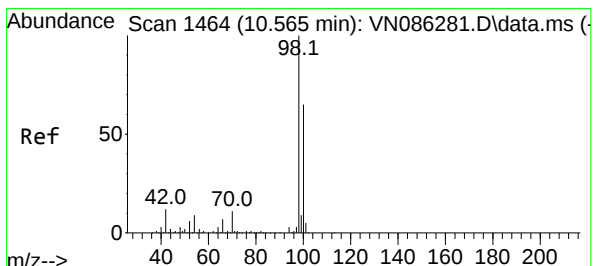
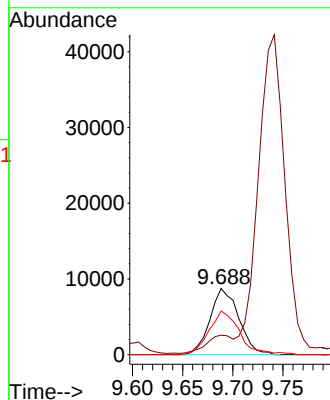
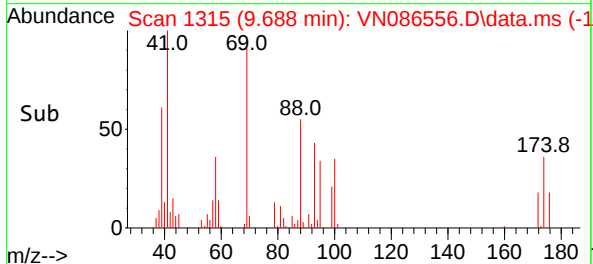
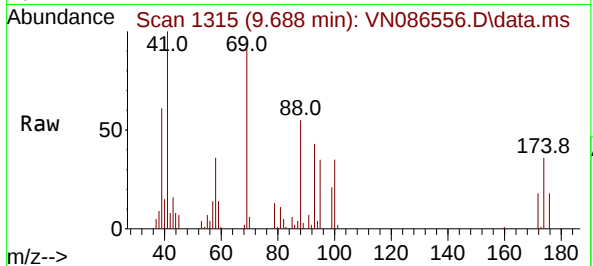
58 70.2 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#50

Toluene-d8

Concen: 47.340 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086556.D

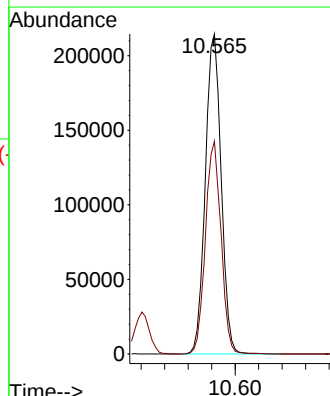
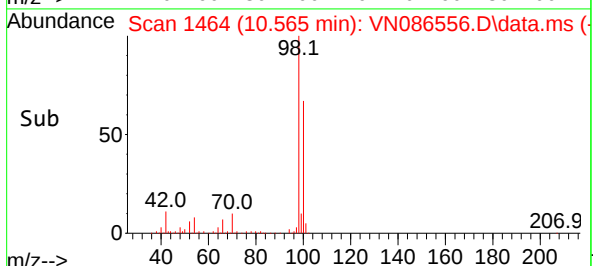
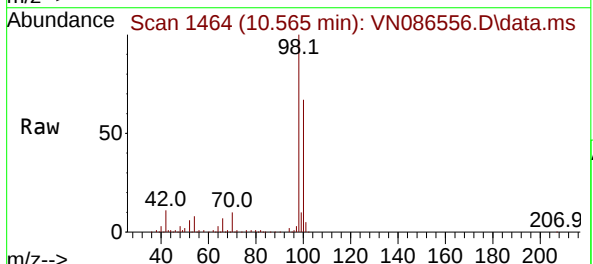
Acq: 09 May 2025 12:22

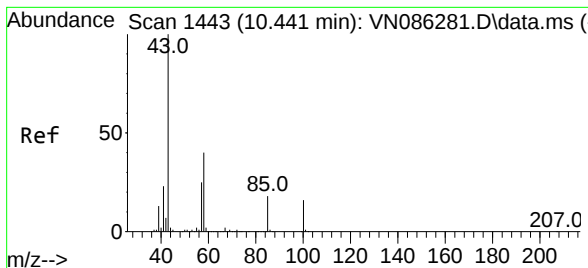
Tgt Ion: 98 Resp: 401664

Ion Ratio Lower Upper

98 100

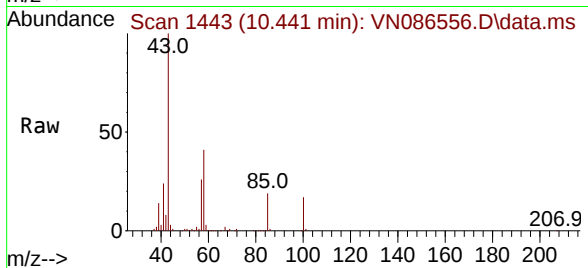
100 65.5 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 83.893 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

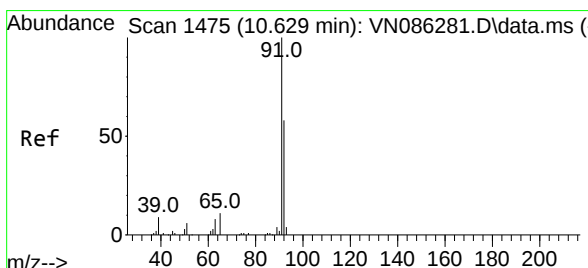
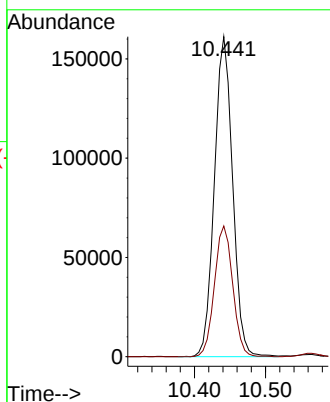
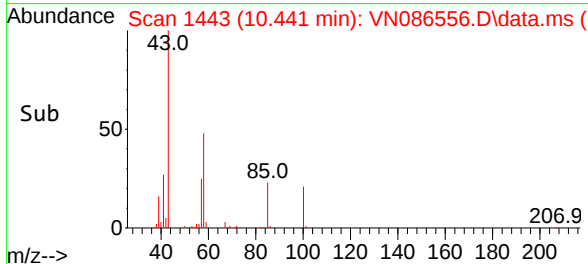
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



Tgt Ion: 43 Resp: 28678
Ion Ratio Lower Upper
43 100
58 41.0 32.2 48.4

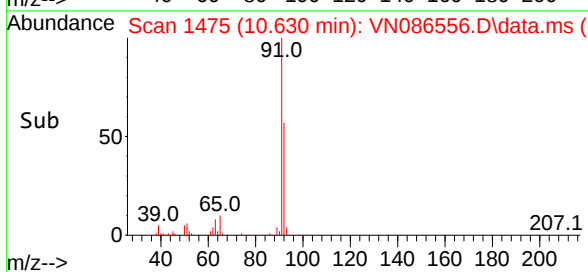
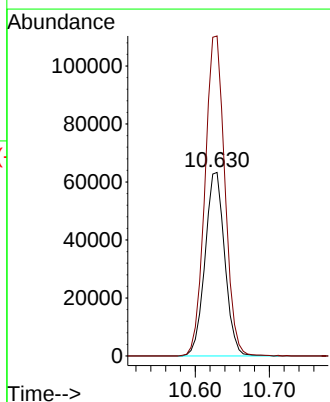
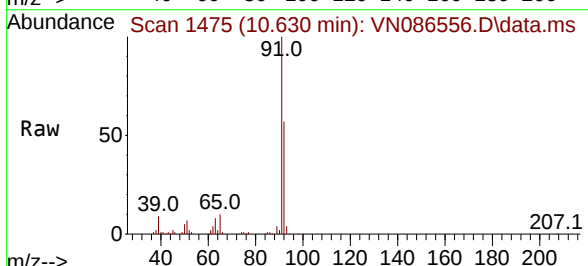
Manual Integrations
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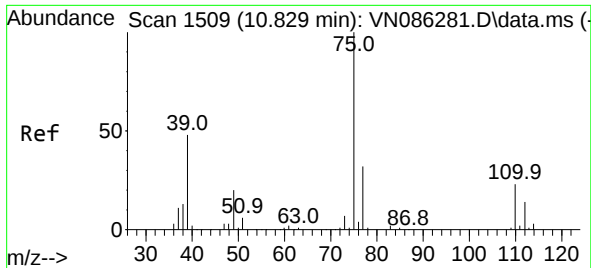
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#52
Toluene
Concen: 18.411 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

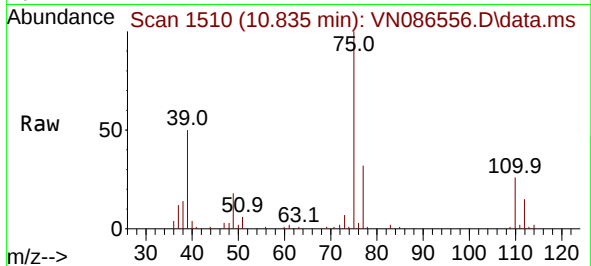
Tgt Ion: 92 Resp: 116708
Ion Ratio Lower Upper
92 100
91 176.1 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 17.379 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN086556.D
 Acq: 09 May 2025 12:22

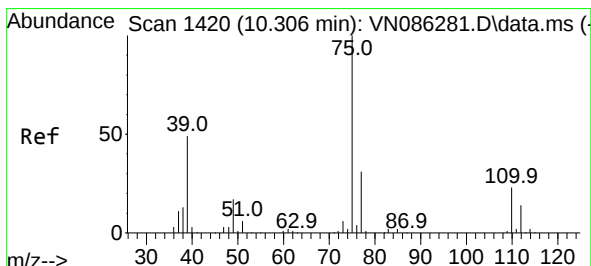
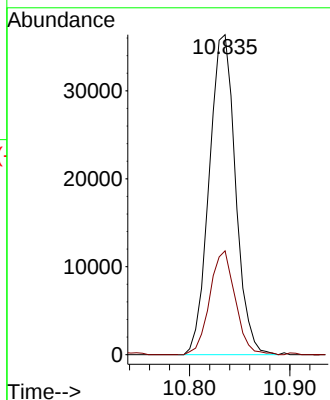
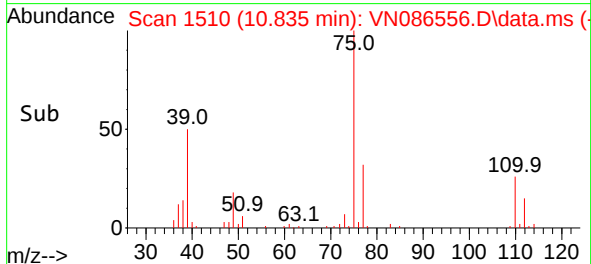
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509MBS01



Tgt Ion: 75 Resp: 6638
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0

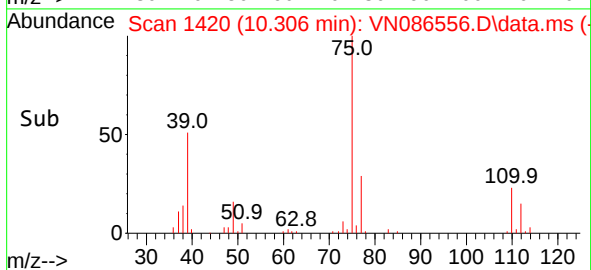
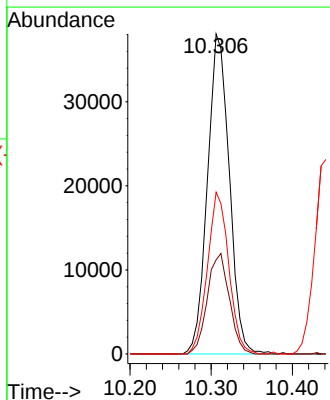
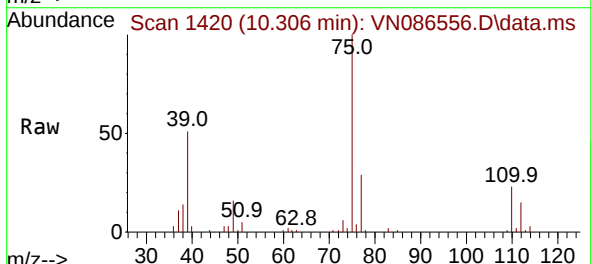
Manual Integrations
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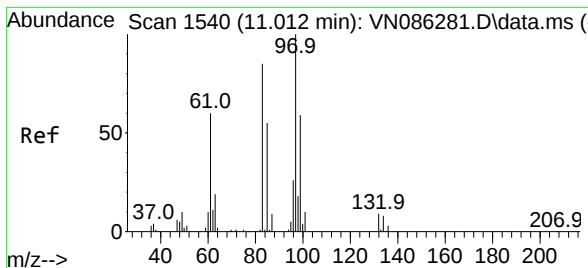
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#54
 cis-1,3-Dichloropropene
 Concen: 16.962 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN086556.D
 Acq: 09 May 2025 12:22

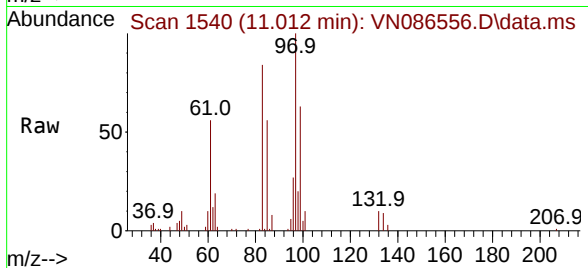
Tgt Ion: 75 Resp: 71171
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.2 37.8
 39 50.5 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 18.956 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

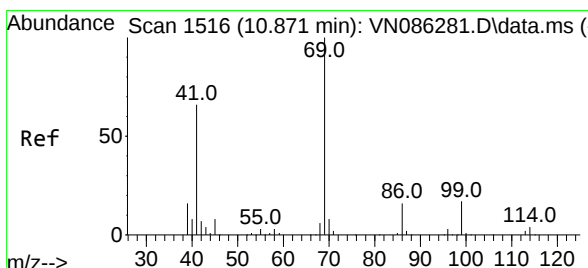
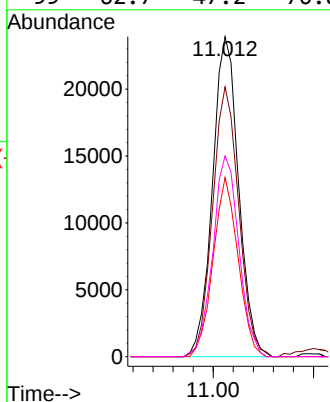
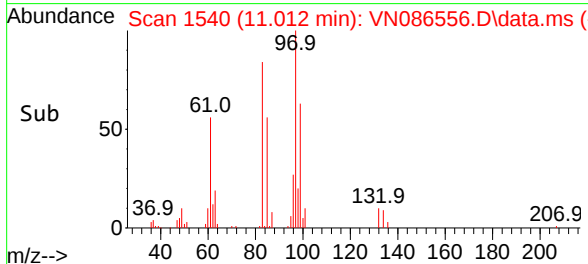
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



Tgt Ion:	97	Resp:	4323
Ion	Ratio	Lower	Upper
97	100		
83	84.3	68.4	102.6
85	56.0	43.9	65.9
99	62.7	47.2	70.8

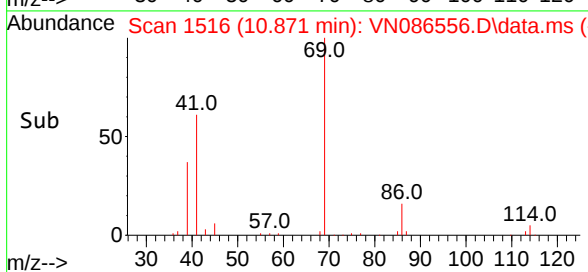
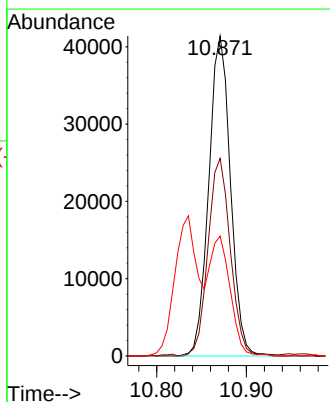
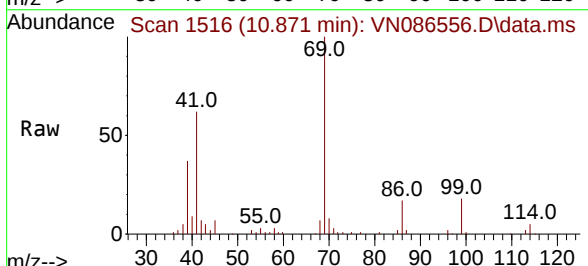
Manual Integrations
APPROVED

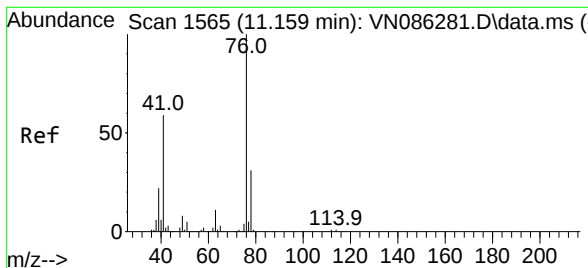
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#56
Ethyl methacrylate
Concen: 16.559 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

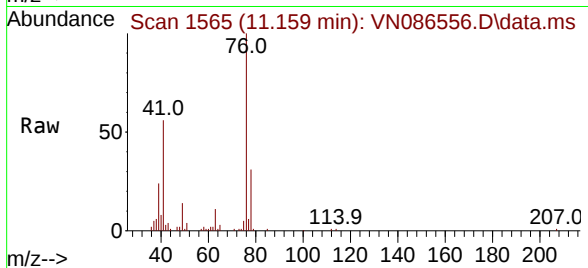
Tgt Ion:	69	Resp:	69420
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.7	77.5
39	35.4	26.3	39.5





#57
1,3-Dichloropropane
Concen: 18.113 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

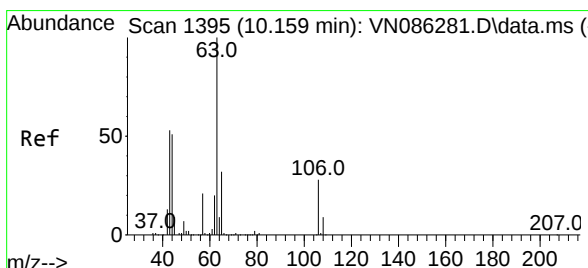
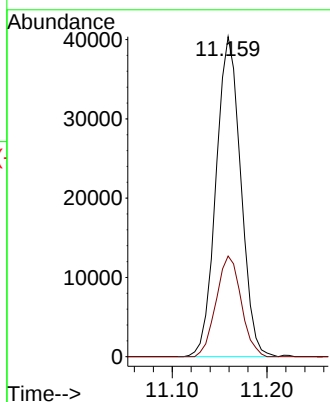
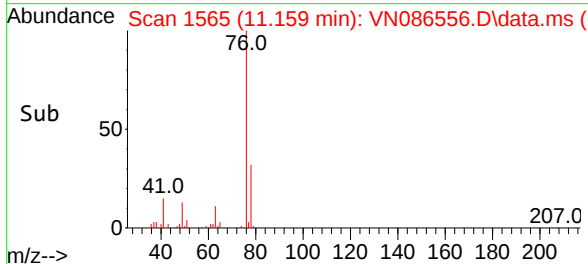
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



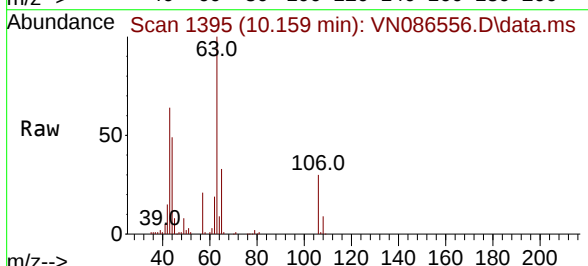
Tgt Ion: 76 Resp: 7329
Ion Ratio Lower Upper
76 100
78 31.8 25.6 38.4

Manual Integrations
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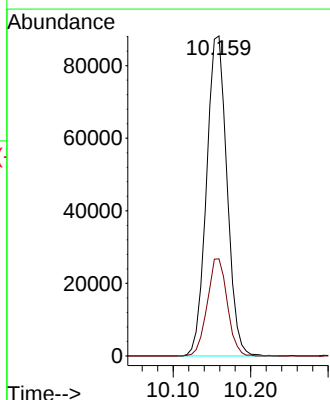
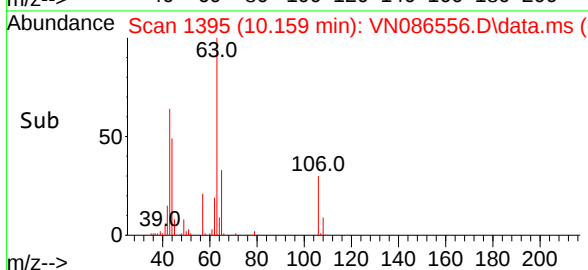
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

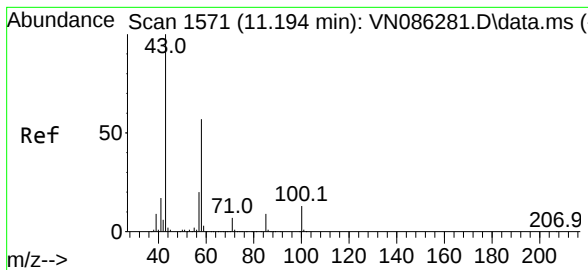


#58
2-Chloroethyl Vinyl ether
Concen: 81.167 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



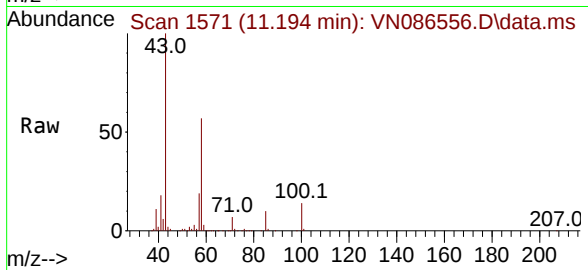
Tgt Ion: 63 Resp: 161510
Ion Ratio Lower Upper
63 100
106 29.8 22.2 33.2





#59
2-Hexanone
Concen: 81.996 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

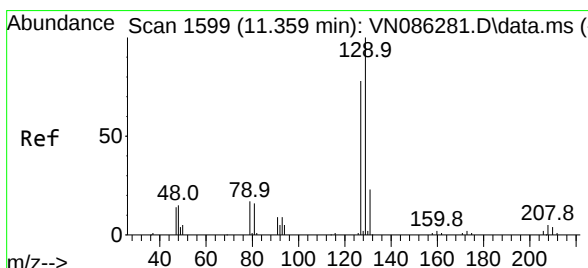
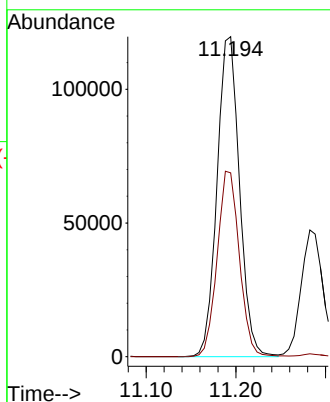
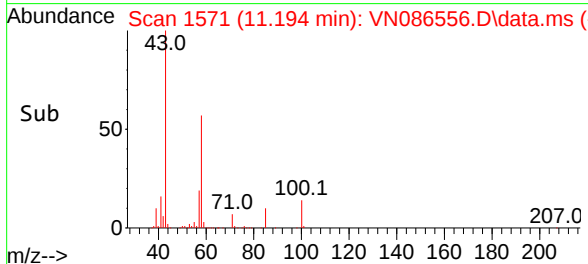
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



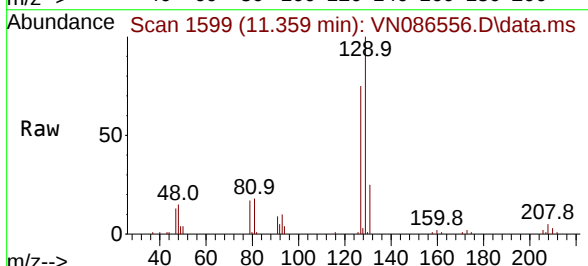
Tgt Ion: 43 Resp: 20790
Ion Ratio Lower Upper
43 100
58 57.4 28.3 85.0

Manual Integrations
APPROVED

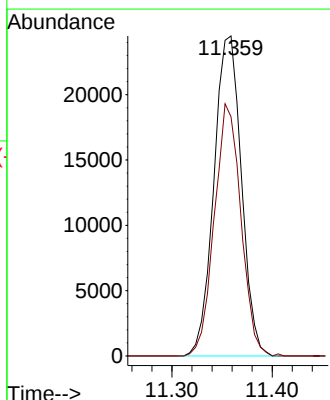
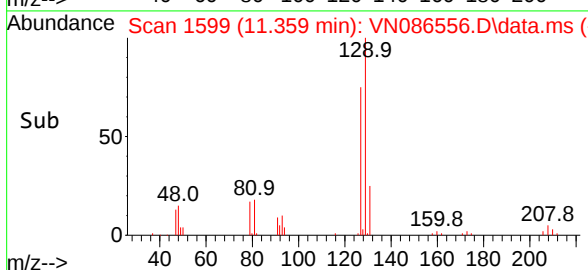
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

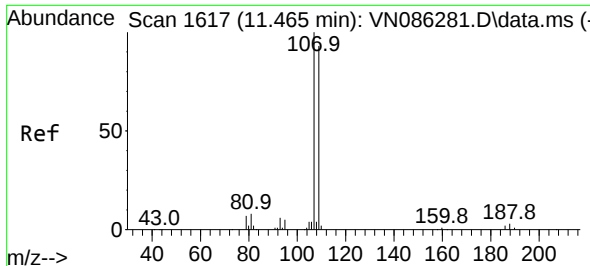


#60
Dibromochloromethane
Concen: 18.615 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



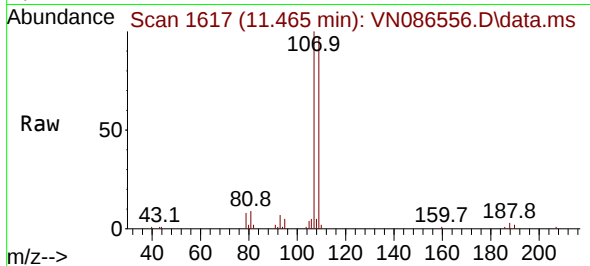
Tgt Ion:129 Resp: 46622
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.222 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

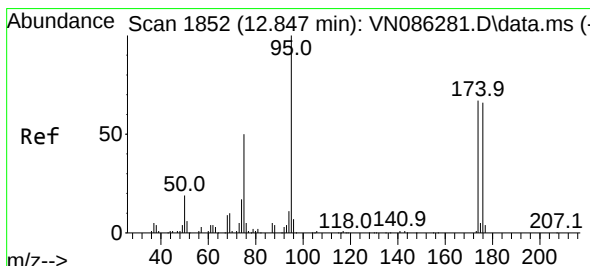
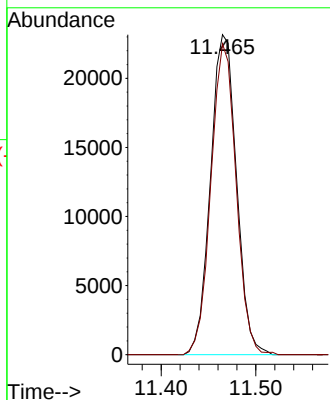
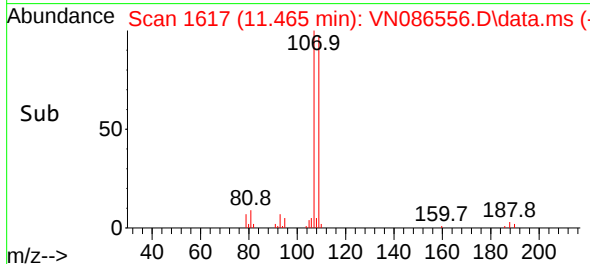
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



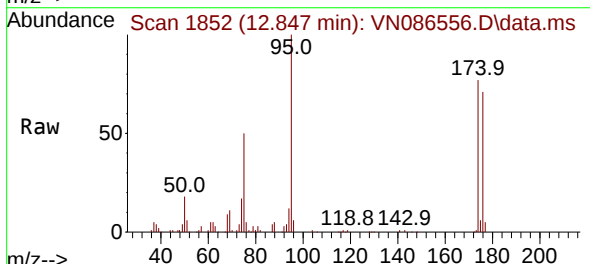
Tgt Ion:107 Resp: 44230
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.0

Manual Integrations
APPROVED

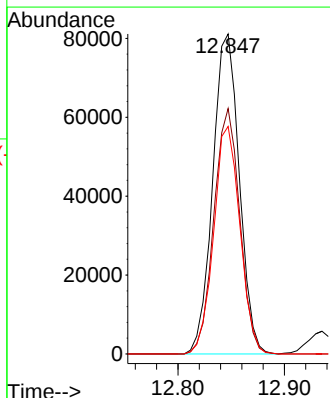
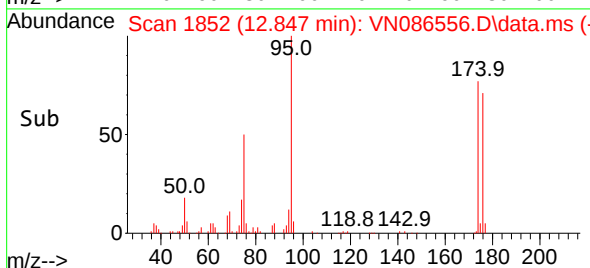
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

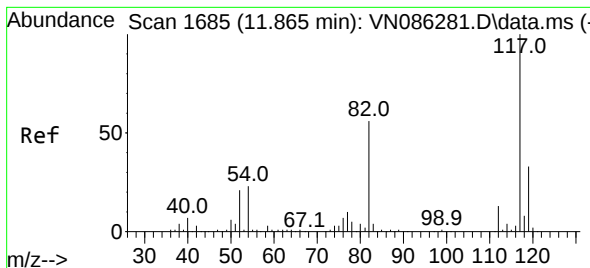


#62
4-Bromofluorobenzene
Concen: 45.311 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



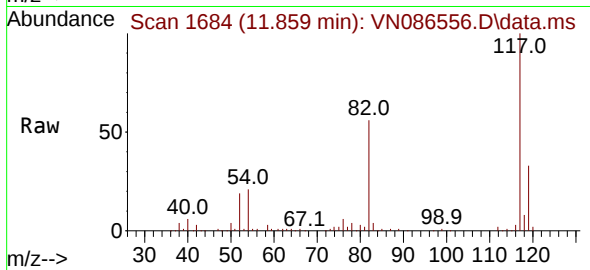
Tgt Ion: 95 Resp: 140225
Ion Ratio Lower Upper
95 100
174 74.7 0.0 133.4
176 70.3 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

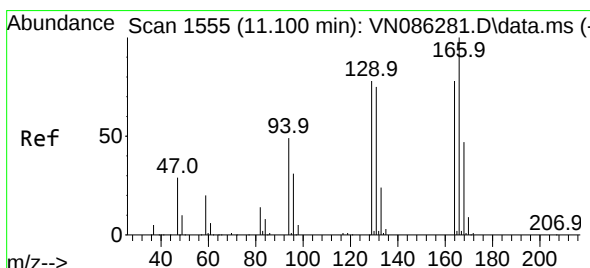
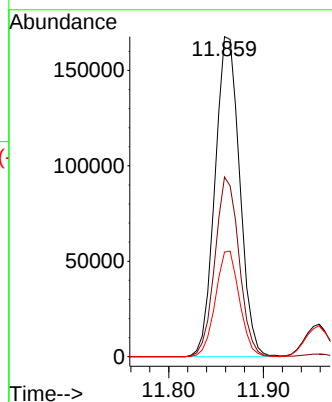
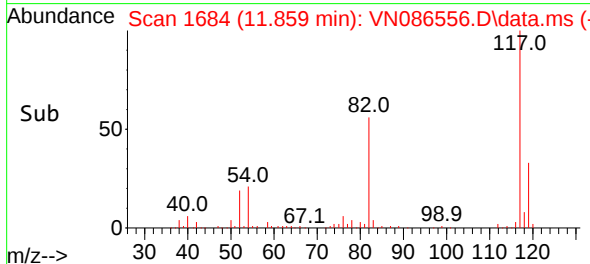
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



Tgt Ion:117 Resp: 304050
Ion Ratio Lower Upper
117 100
82 56.1 44.7 67.1
119 32.7 26.4 39.6

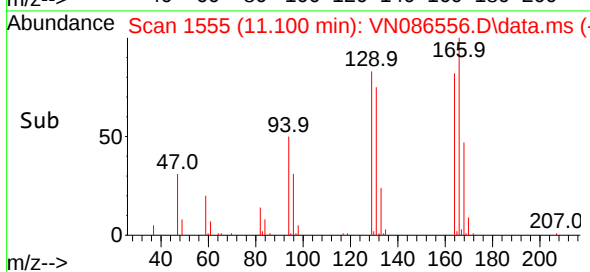
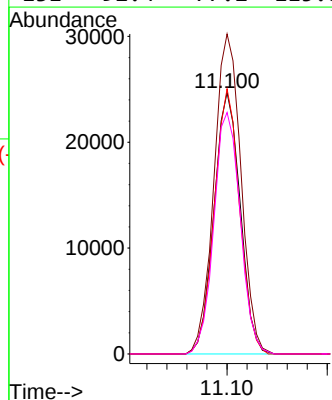
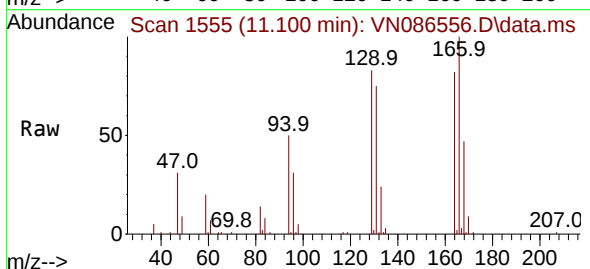
Manual Integrations
APPROVED

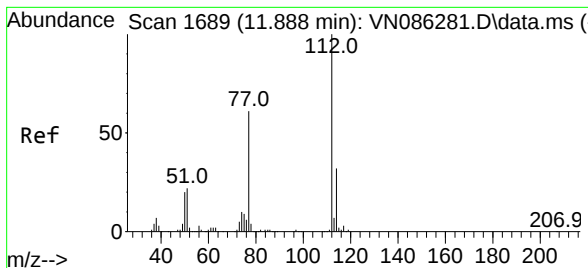
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#64
Tetrachloroethene
Concen: 19.194 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

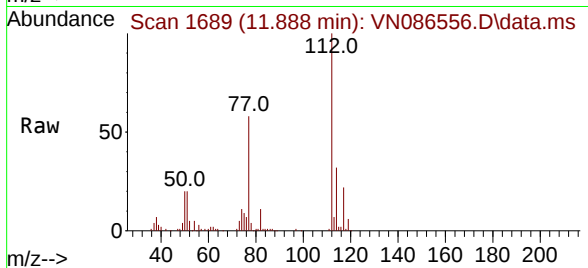
Tgt Ion:164 Resp: 44891
Ion Ratio Lower Upper
164 100
166 122.5 103.0 154.4
129 101.5 80.1 120.1
131 92.4 77.2 115.8





#65
Chlorobenzene
Concen: 18.686 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

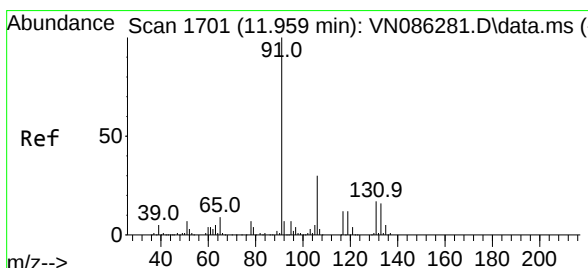
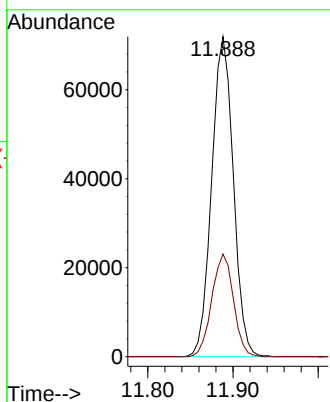
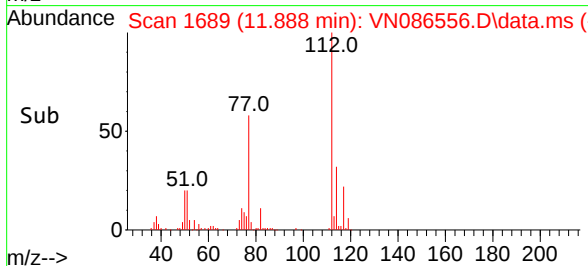
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



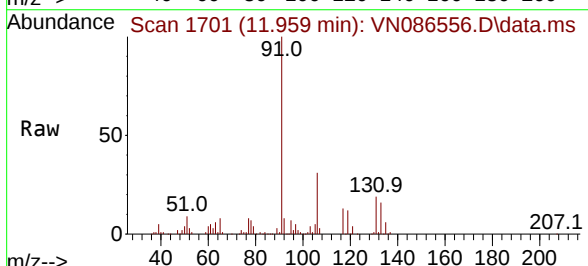
Tgt Ion:112 Resp: 126793
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

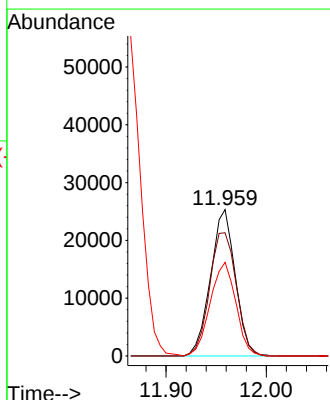
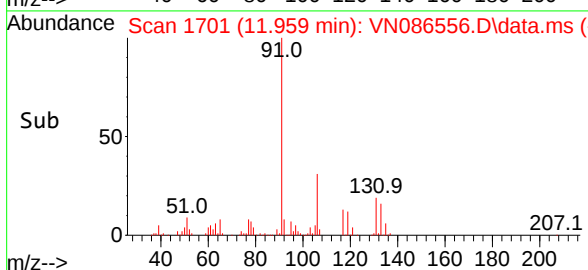
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

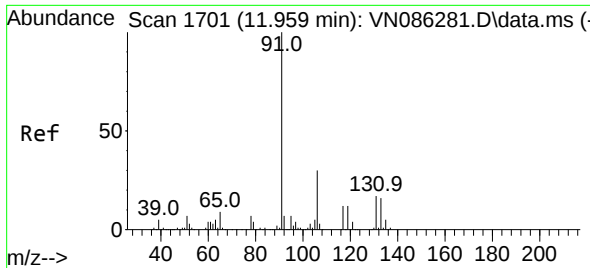


#66
1,1,1,2-Tetrachloroethane
Concen: 19.319 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



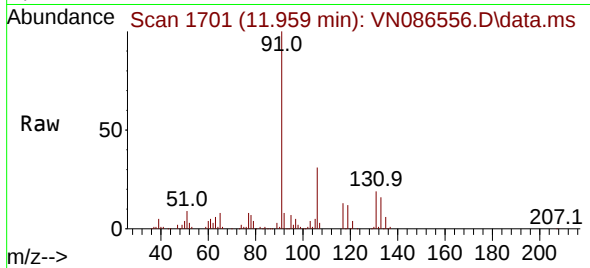
Tgt Ion:131 Resp: 43245
Ion Ratio Lower Upper
131 100
133 91.5 47.1 141.3
119 66.4 33.8 101.4





#67
Ethyl Benzene
Concen: 18.235 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

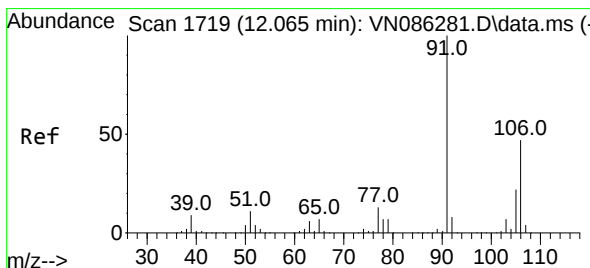
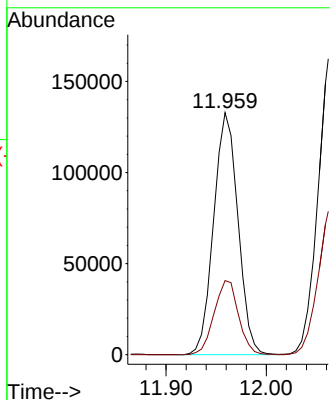
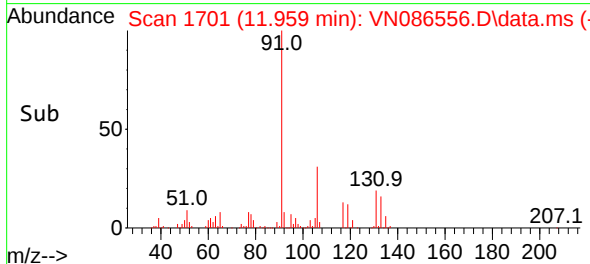
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



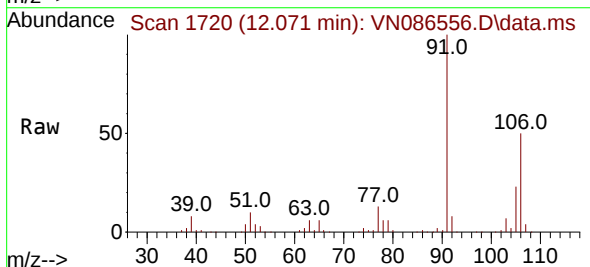
Tgt Ion: 91 Resp: 22328
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

Manual Integrations
APPROVED

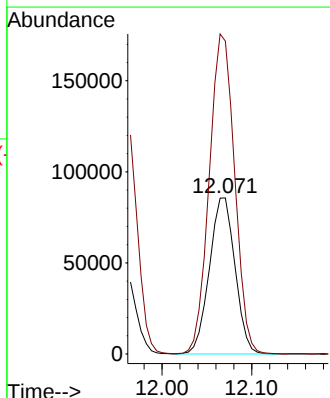
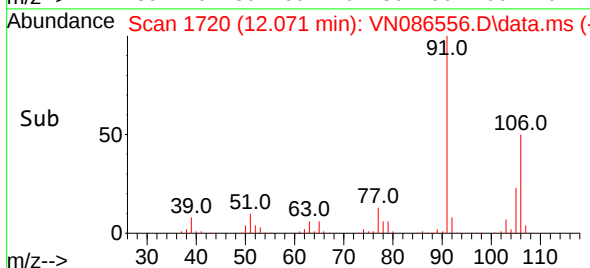
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

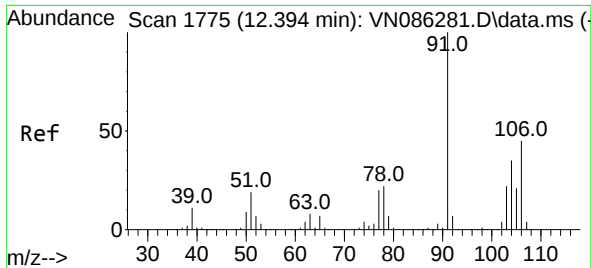


#68
m/p-Xylenes
Concen: 37.044 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



Tgt Ion:106 Resp: 169960
Ion Ratio Lower Upper
106 100
91 203.4 166.5 249.7





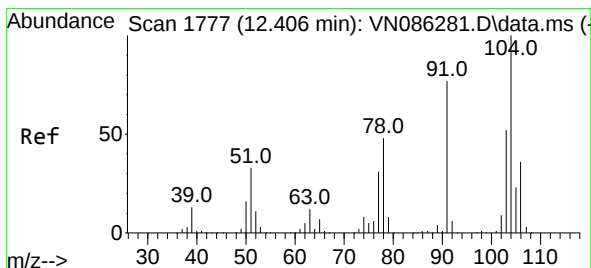
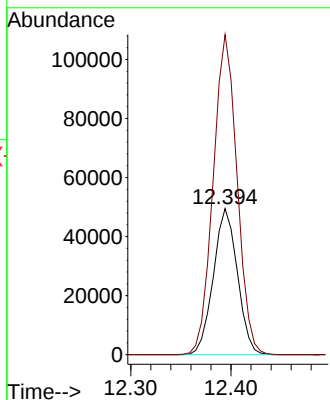
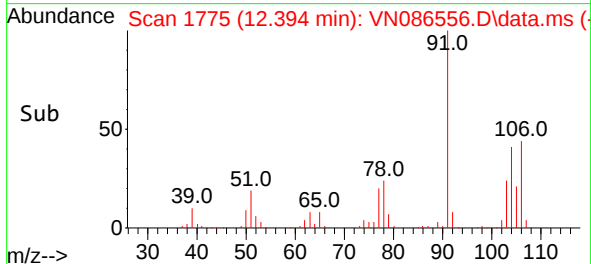
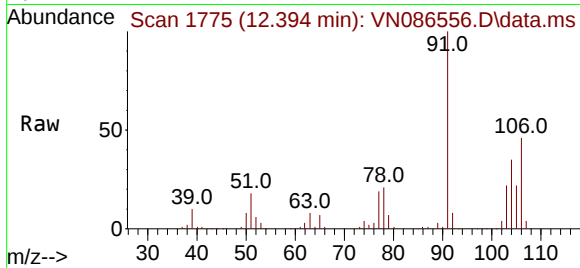
#69
o-Xylene
Concen: 18.141 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01

Tgt Ion:106 Resp: 82309
Ion Ratio Lower Upper
106 100
91 217.8 109.7 329.0

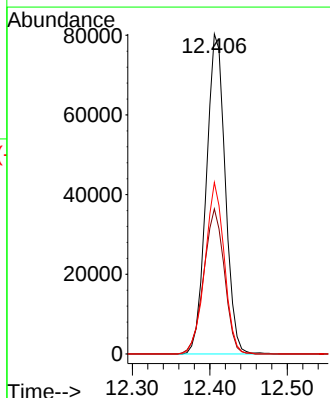
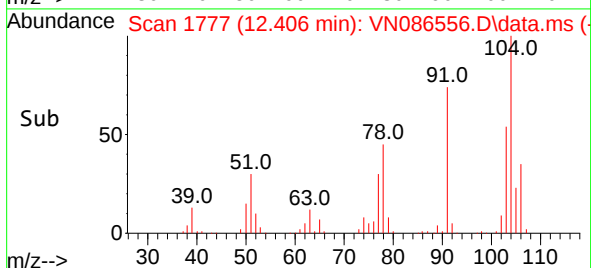
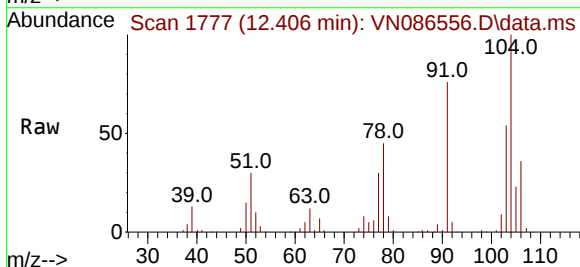
Manual Integrations
APPROVED

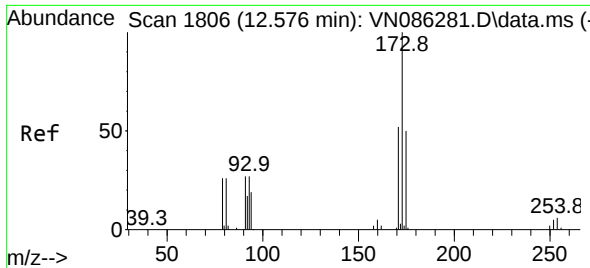
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#70
Styrene
Concen: 18.059 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Tgt Ion:104 Resp: 136525
Ion Ratio Lower Upper
104 100
78 49.3 40.6 61.0
103 54.7 43.6 65.4





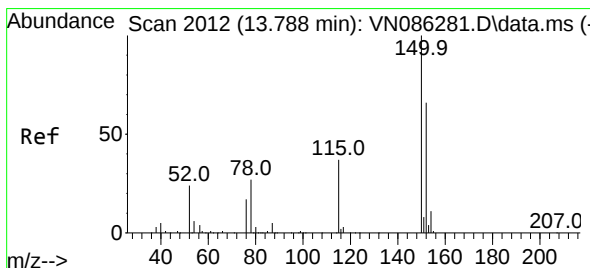
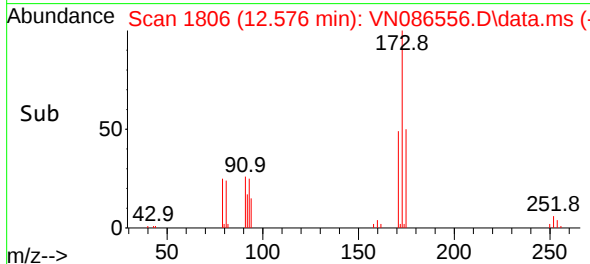
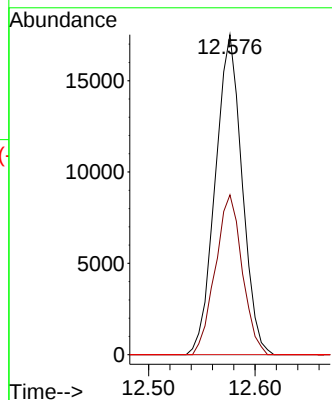
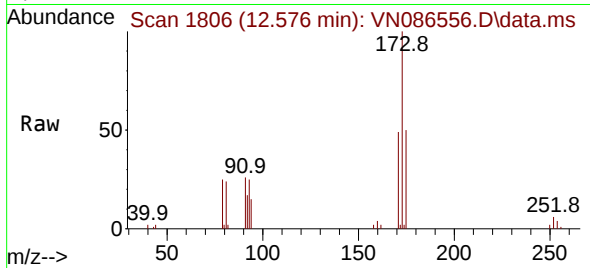
#71
Bromoform
Concen: 18.156 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01

Tgt Ion:173 Resp: 30600
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.6
254 0.0 0.0 0.0

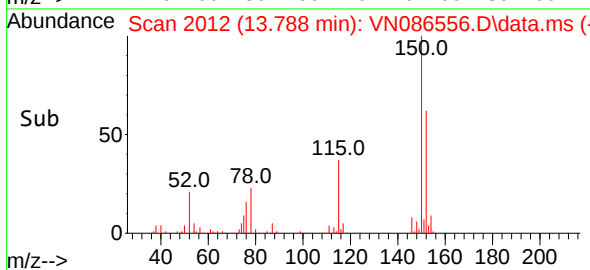
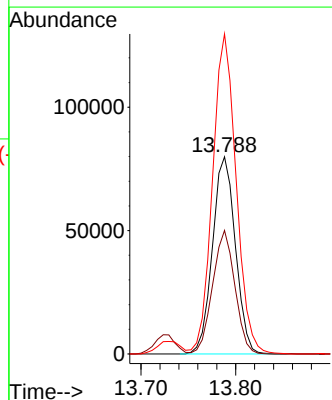
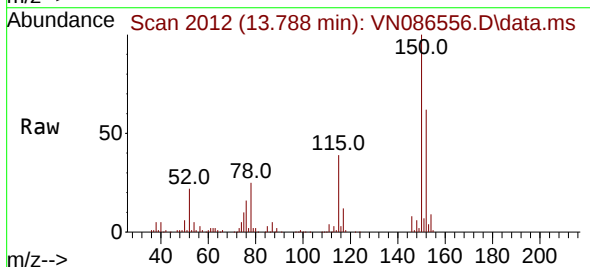
Manual Integrations
APPROVED

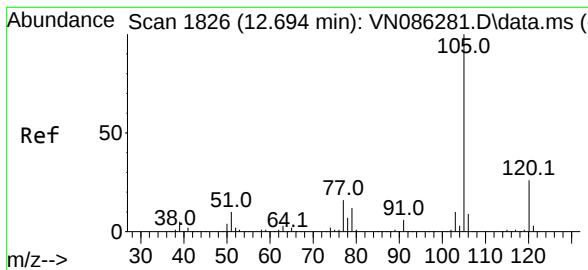
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Tgt Ion:152 Resp: 134460
Ion Ratio Lower Upper
152 100
115 60.8 31.9 95.9
150 167.1 0.0 352.0





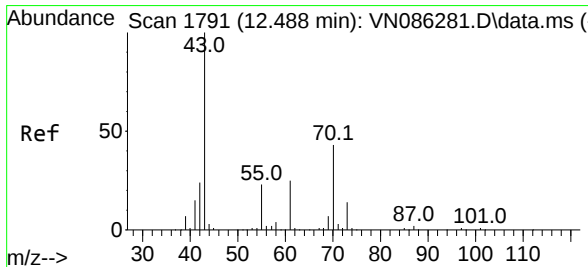
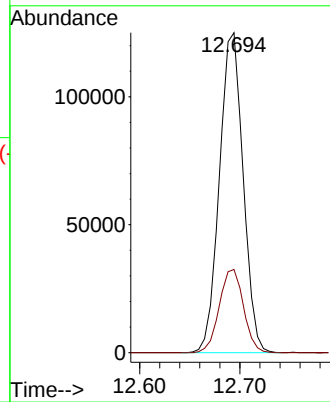
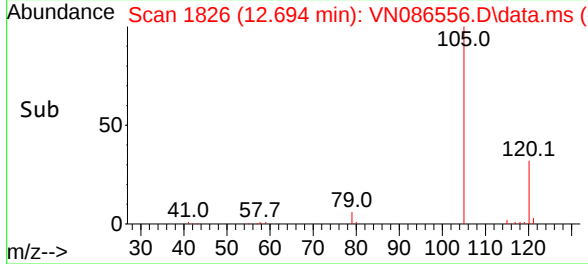
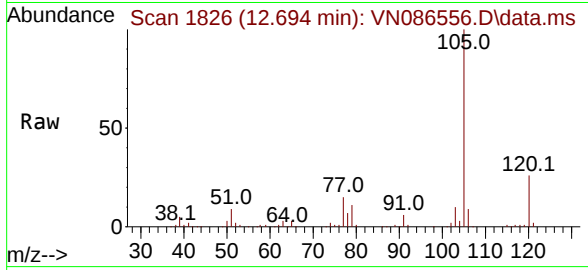
#73
Isopropylbenzene
Concen: 18.659 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01

Tgt Ion:105 Resp: 20523
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

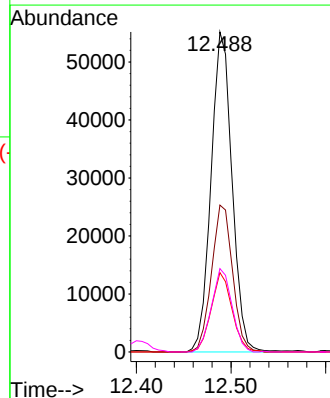
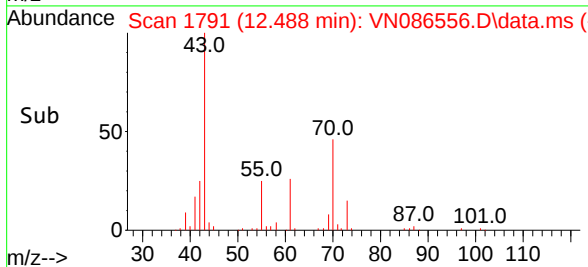
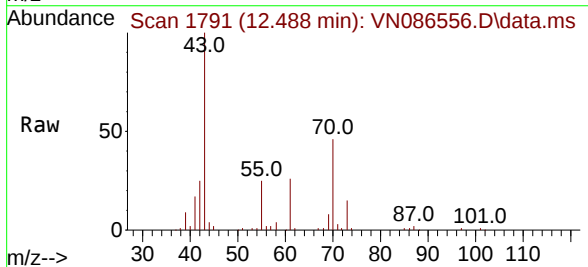
Manual Integrations
APPROVED

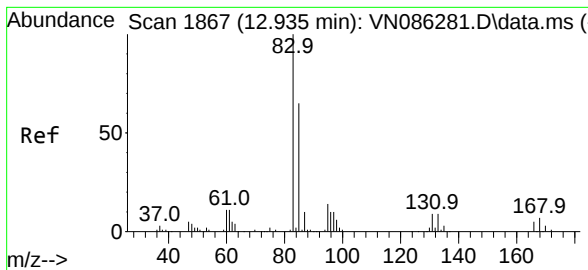
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#74
N-ethyl acetate
Concen: 15.544 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

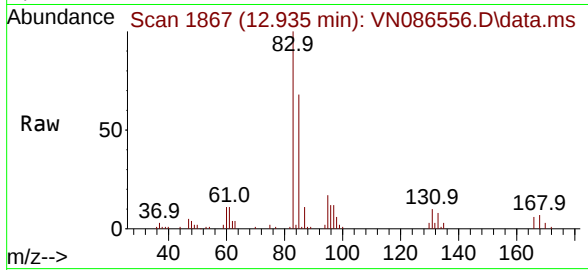
Tgt Ion: 43 Resp: 85115
Ion Ratio Lower Upper
43 100
70 46.1 35.0 52.4
55 24.7 19.0 28.4
61 25.6 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.955 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

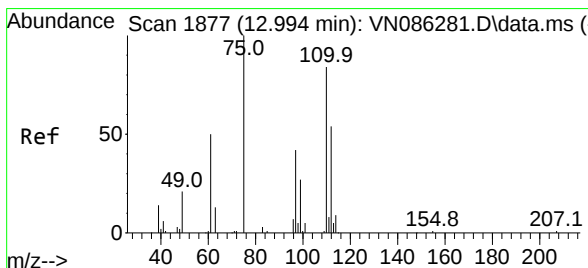
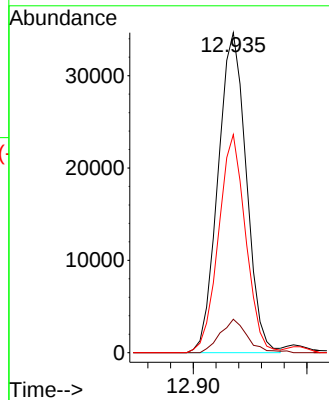
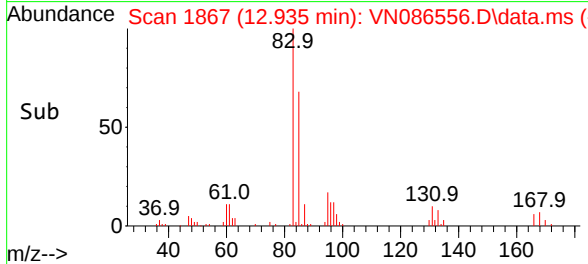
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



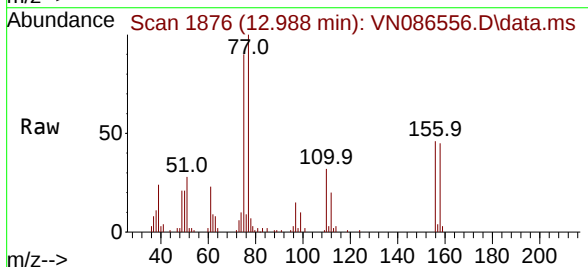
Tgt Ion: 83 Resp: 59940
Ion Ratio Lower Upper
83 100
131 10.0 4.7 14.1
85 65.4 32.7 98.1

Manual Integrations
APPROVED

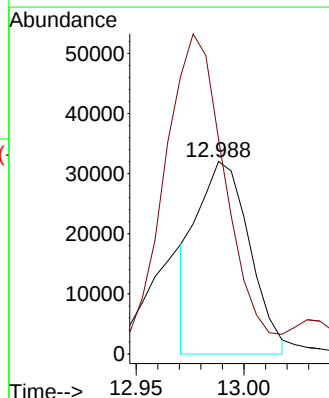
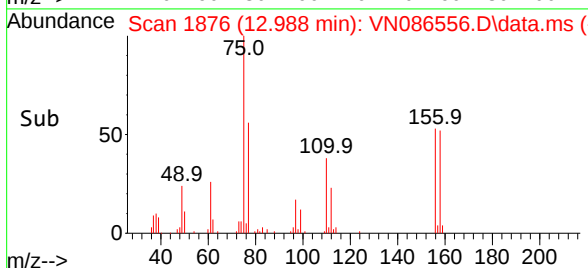
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

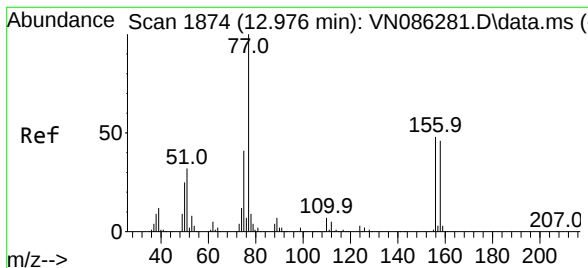


#76
1,2,3-Trichloropropane
Concen: 17.208 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



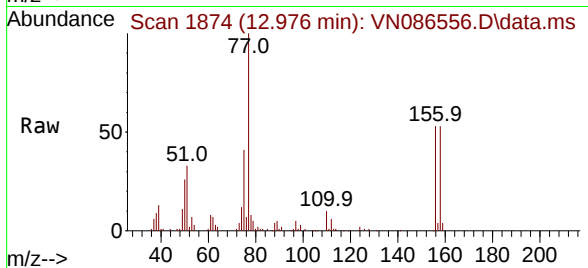
Tgt Ion: 75 Resp: 54602
Ion Ratio Lower Upper
75 100
77 194.9 98.8 296.4





#77
Bromobenzene
Concen: 19.805 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

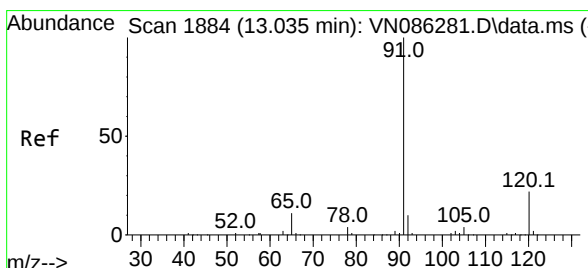
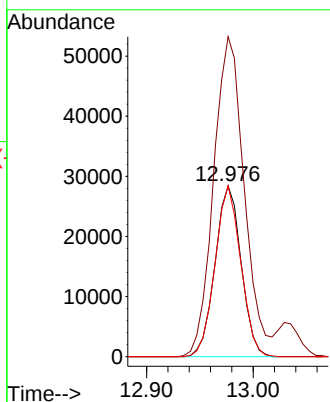
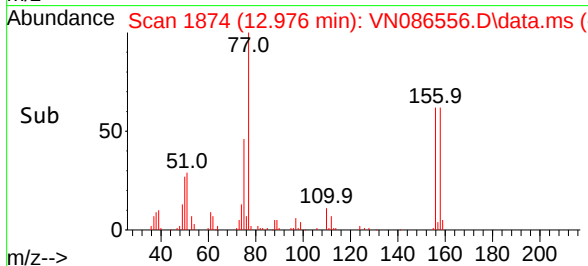
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



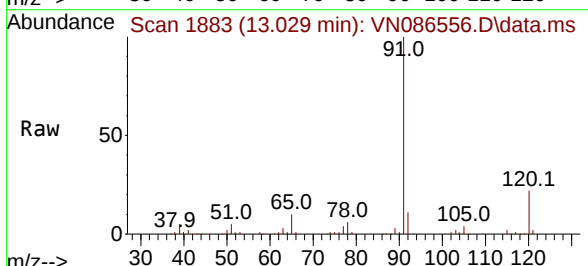
Tgt Ion:156 Resp: 48260
Ion Ratio Lower Upper
156 100
77 220.5 121.1 363.1
158 98.5 47.9 143.6

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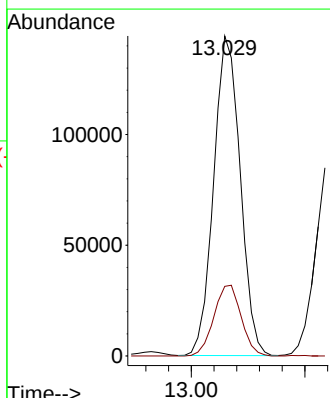
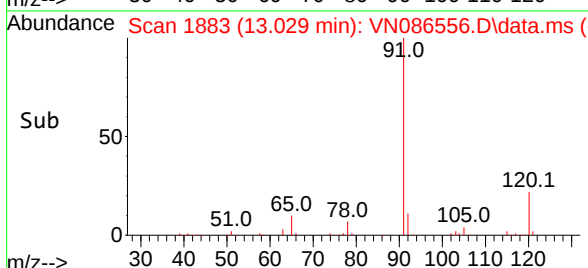
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

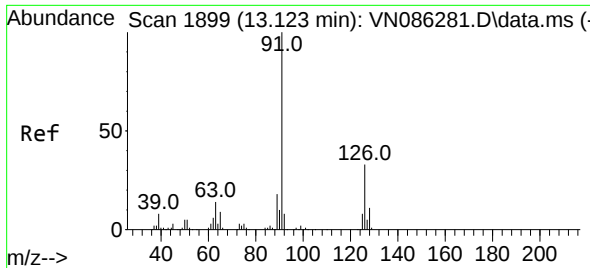


#78
n-propylbenzene
Concen: 18.040 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



Tgt Ion: 91 Resp: 233812
Ion Ratio Lower Upper
91 100
120 22.8 11.1 33.3





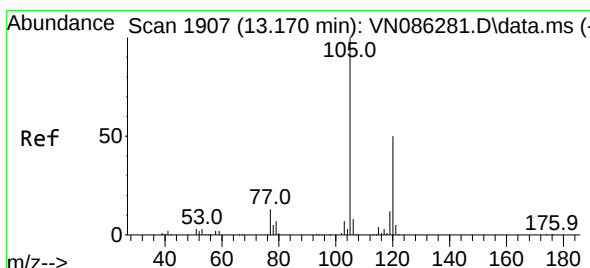
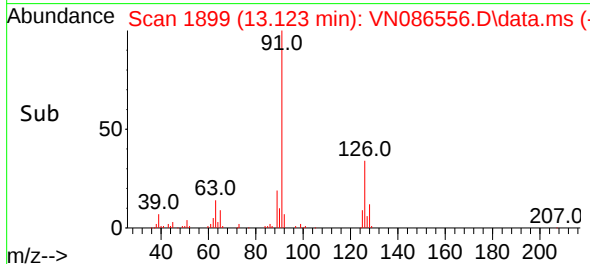
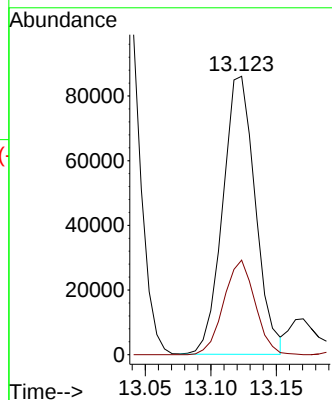
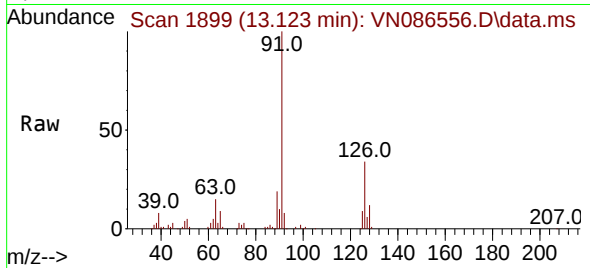
#79
2-Chlorotoluene
Concen: 18.342 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01

Tgt Ion: 91 Resp: 148762
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.2

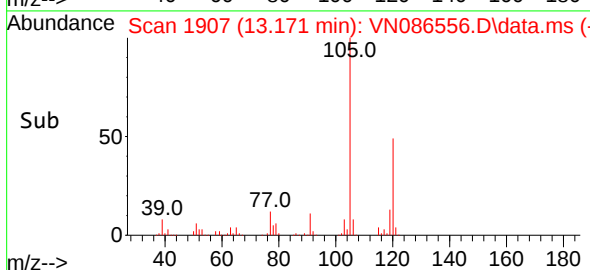
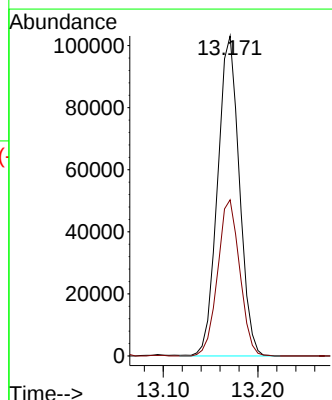
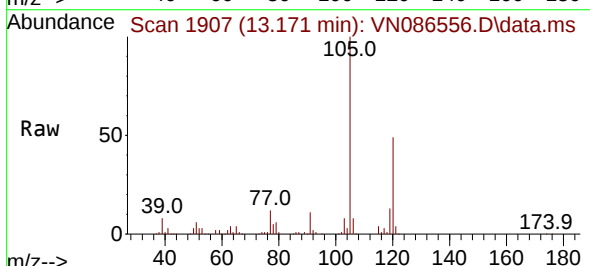
Manual Integrations
APPROVED

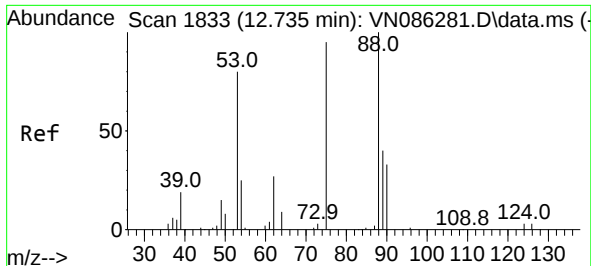
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.273 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

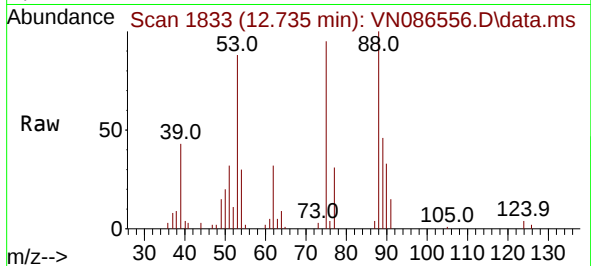
Tgt Ion:105 Resp: 164506
Ion Ratio Lower Upper
105 100
120 49.4 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 15.367 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

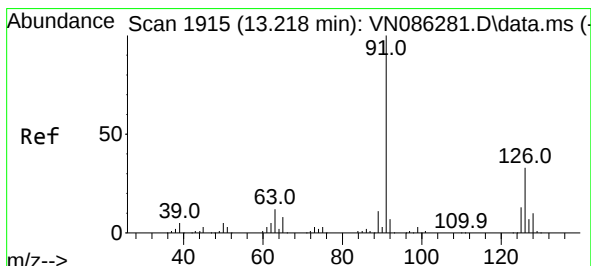
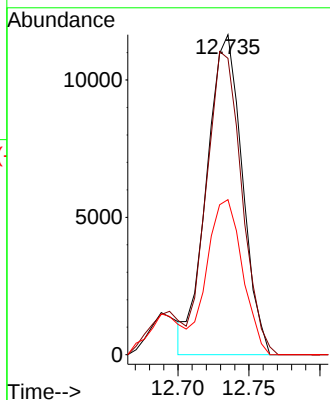
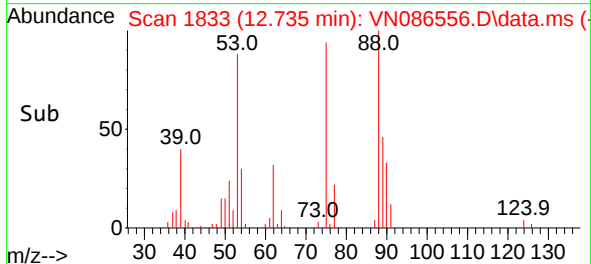
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



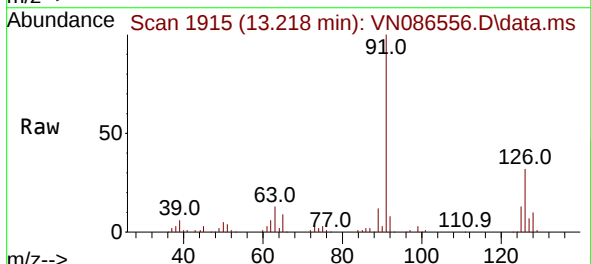
Tgt Ion: 75 Resp: 2030
Ion Ratio Lower Upper
75 100
53 93.3 79.2 118.8
89 48.4 35.7 53.5

Manual Integrations
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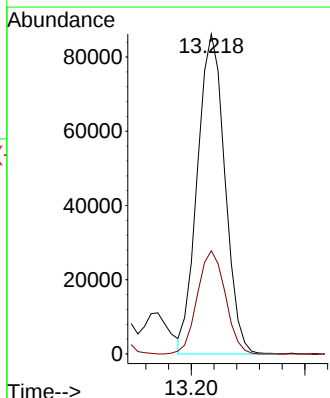
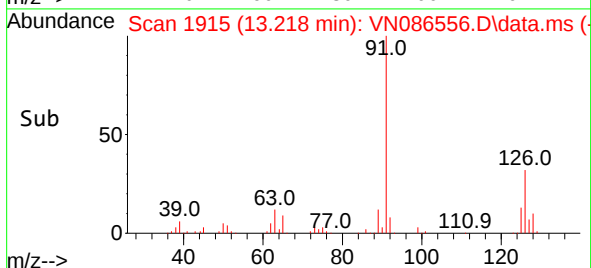
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

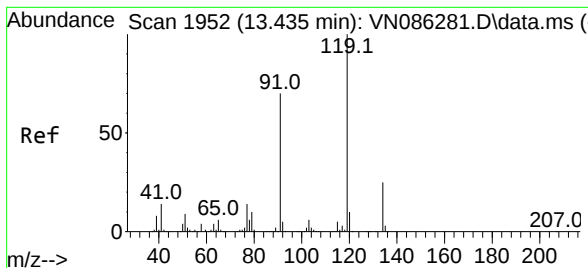


#82
4-Chlorotoluene
Concen: 18.028 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



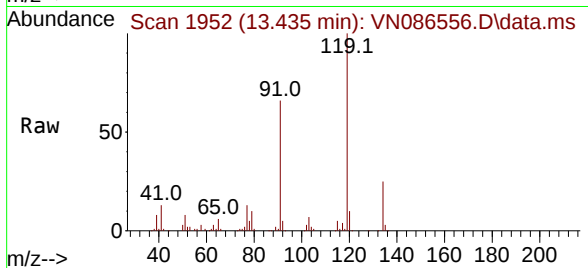
Tgt Ion: 91 Resp: 145239
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6





#83
tert-Butylbenzene
Concen: 18.122 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

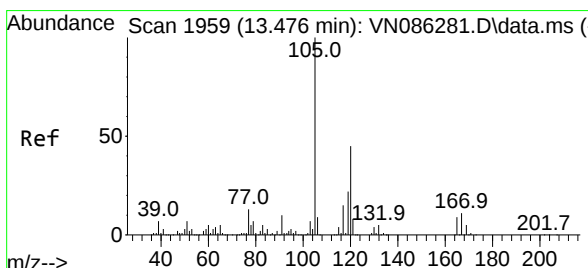
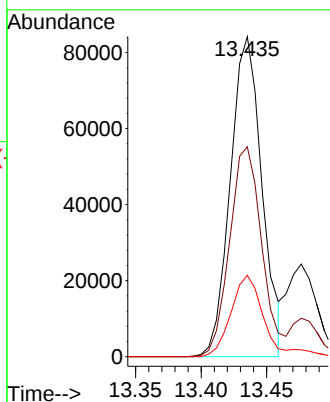
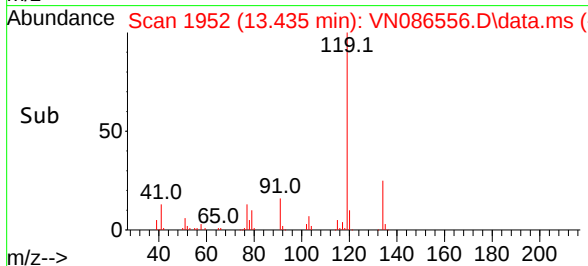
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



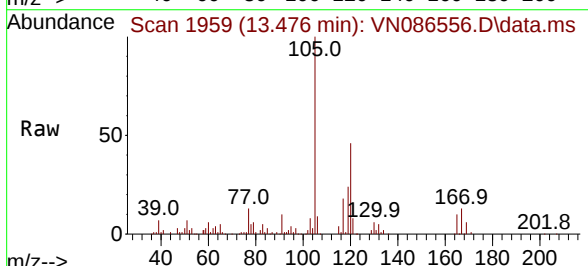
Tgt Ion:119 Resp: 14136
Ion Ratio Lower Upper
119 100
91 66.9 34.4 103.3
134 26.6 13.0 39.0

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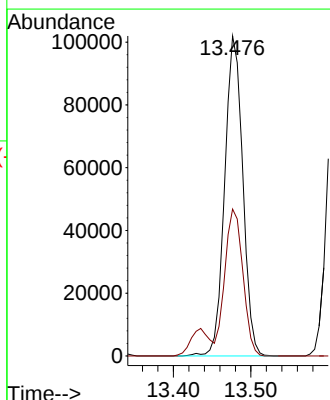
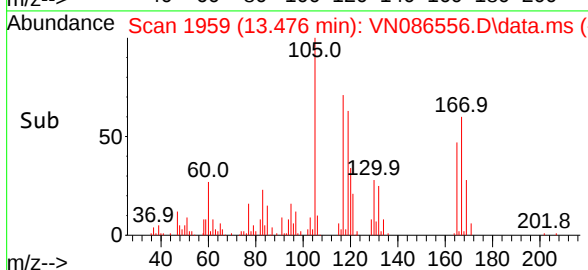
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

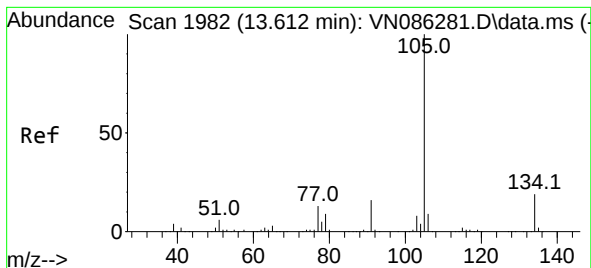


#84
1,2,4-Trimethylbenzene
Concen: 18.064 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22



Tgt Ion:105 Resp: 165535
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 17.969 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0509MBS01

Tgt Ion:105 Resp: 194424

Ion Ratio Lower Upper

105 100

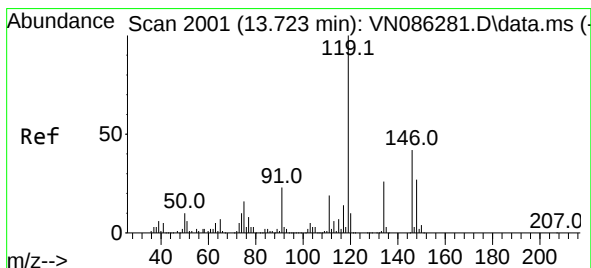
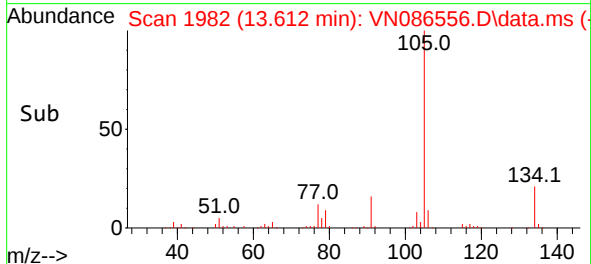
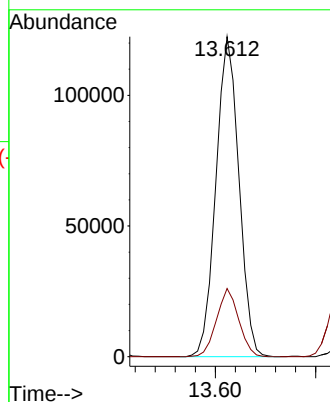
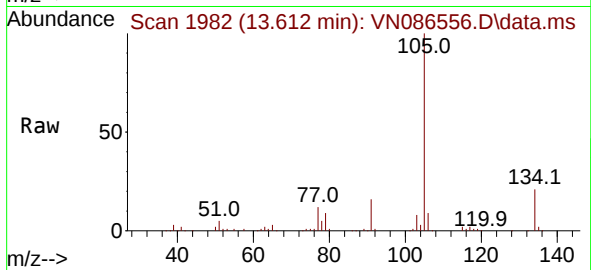
134 20.5 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#86

p-Isopropyltoluene

Concen: 17.882 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN086556.D

Acq: 09 May 2025 12:22

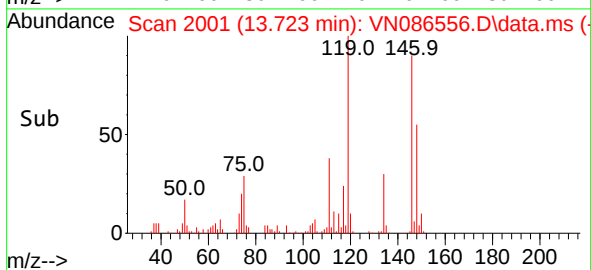
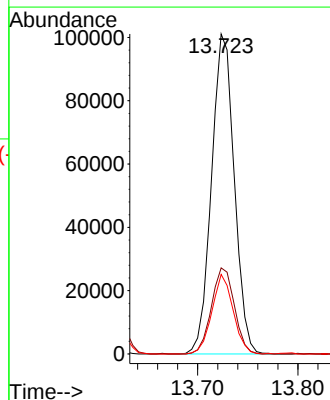
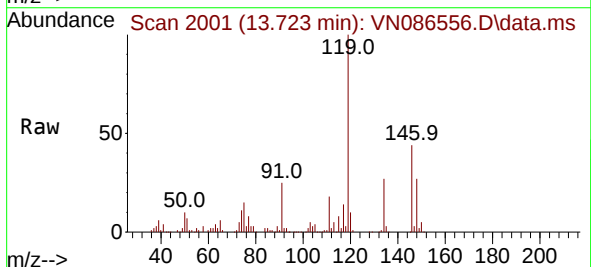
Tgt Ion:119 Resp: 159476

Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.1

91 23.2 11.9 35.9





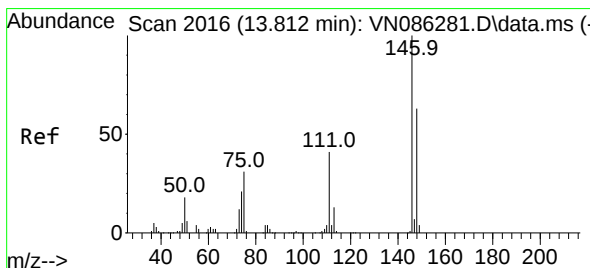
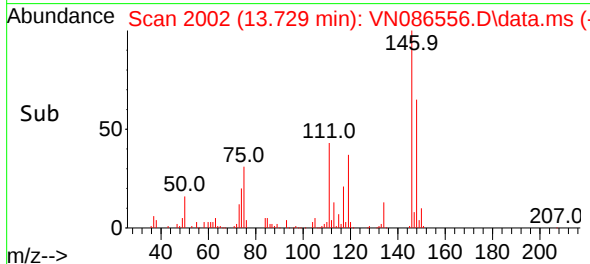
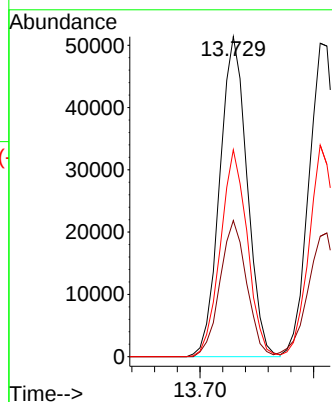
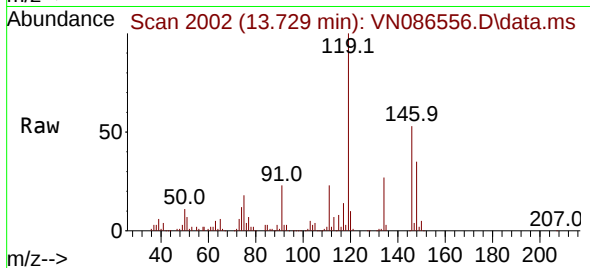
#87
1,3-Dichlorobenzene
Concen: 18.807 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01

Tgt Ion:146 Resp: 8616
Ion Ratio Lower Upper
146 100
111 41.4 21.9 65.7
148 63.5 31.9 95.5

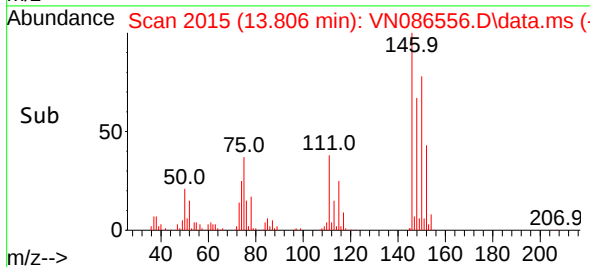
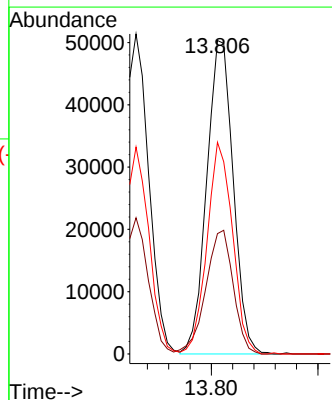
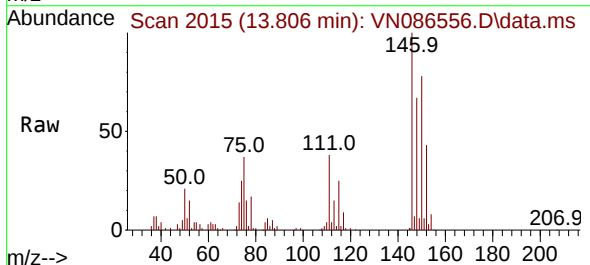
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#88
1,4-Dichlorobenzene
Concen: 18.868 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

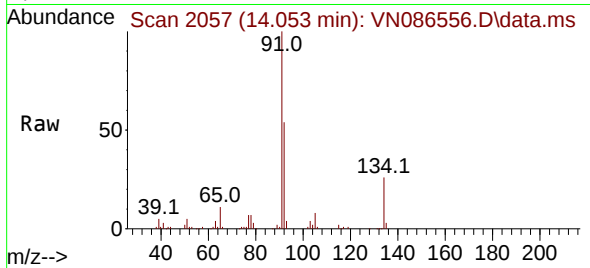
Tgt Ion:146 Resp: 87066
Ion Ratio Lower Upper
146 100
111 40.8 21.3 63.9
148 64.8 31.9 95.9





#89
n-Butylbenzene
Concen: 17.083 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

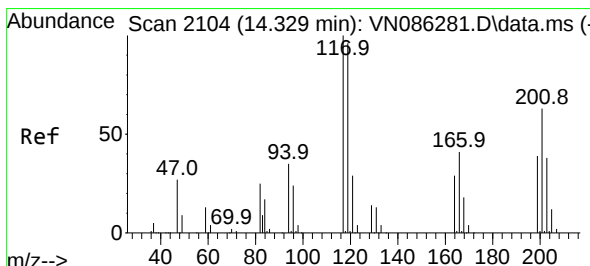
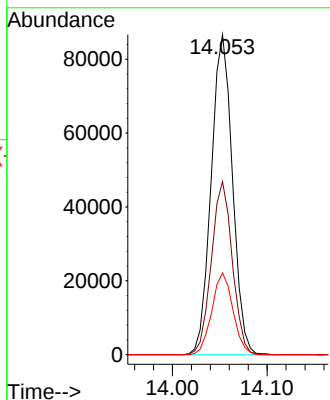
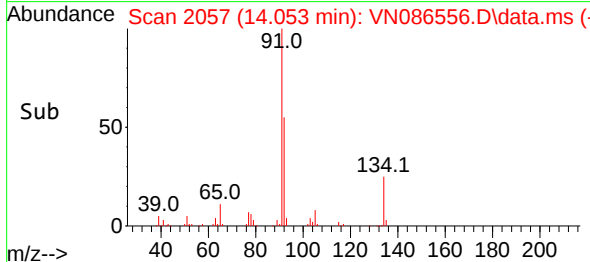
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



Tgt Ion: 91 Resp: 135039
Ion Ratio Lower Upper
91 100
92 53.2 26.8 80.4
134 25.3 12.2 36.6

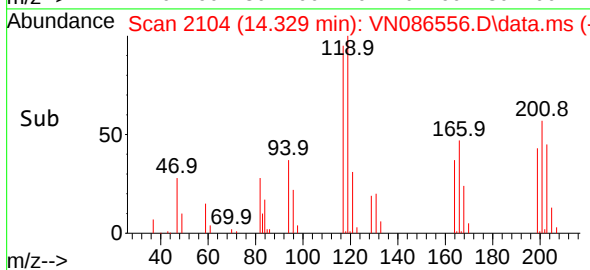
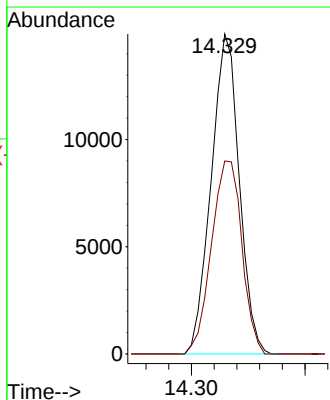
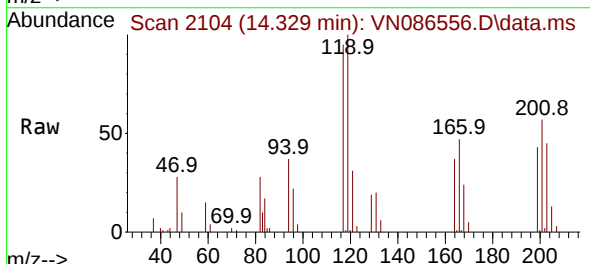
Manual Integrations
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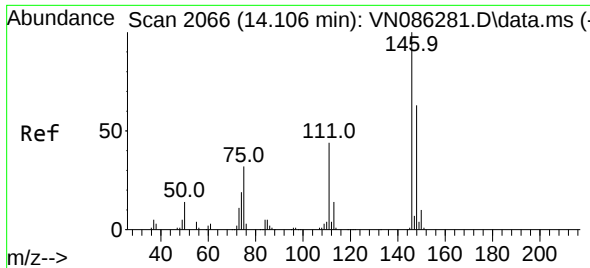
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#90
Hexachloroethane
Concen: 17.090 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Tgt Ion:117 Resp: 25637
Ion Ratio Lower Upper
117 100
201 65.2 31.4 94.2





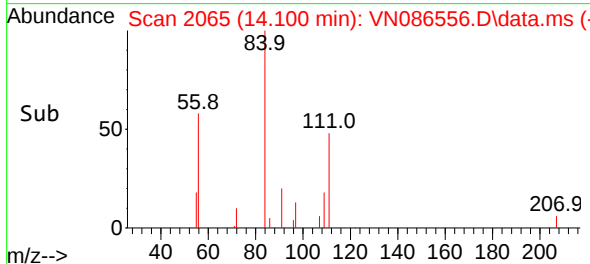
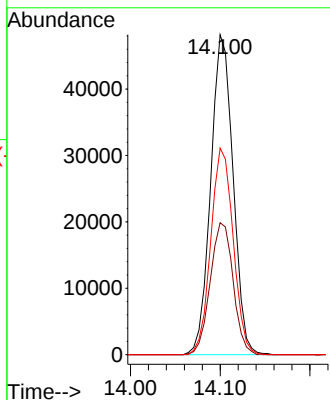
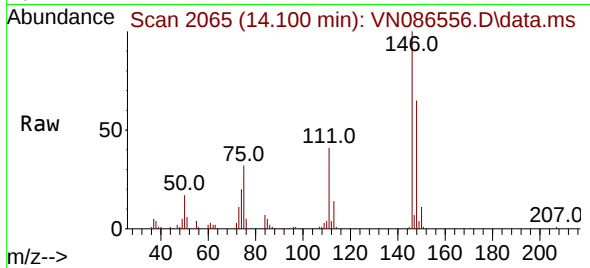
#91
1,2-Dichlorobenzene
Concen: 18.733 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01

Tgt Ion:146 Resp: 83208
Ion Ratio Lower Upper
146 100
111 42.4 22.4 67.0
148 64.8 31.8 95.4

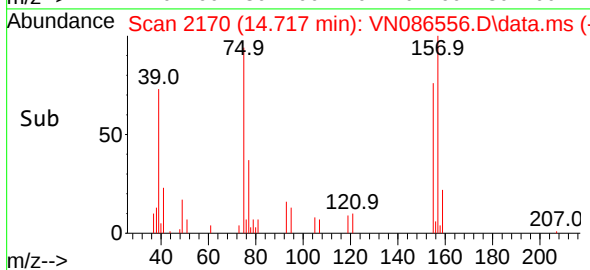
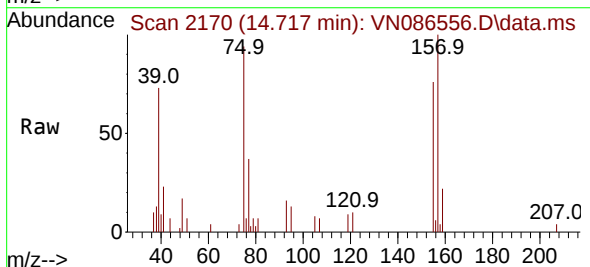
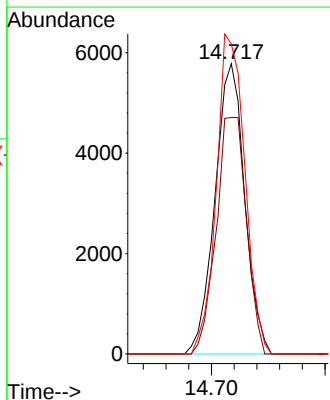
Manual Integrations
APPROVED

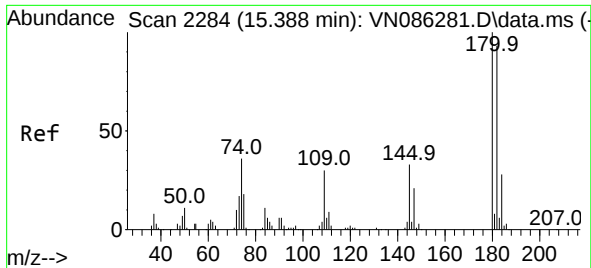
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.452 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

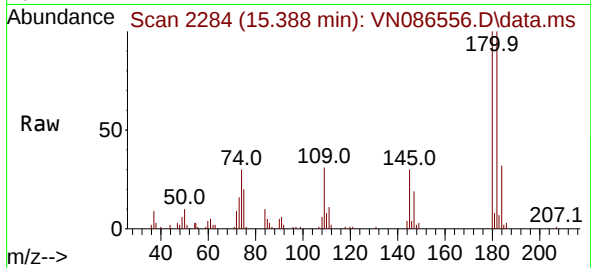
Tgt Ion: 75 Resp: 10491
Ion Ratio Lower Upper
75 100
155 82.8 40.3 120.9
157 105.6 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 17.757 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

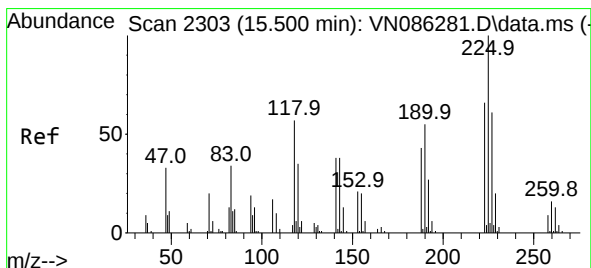
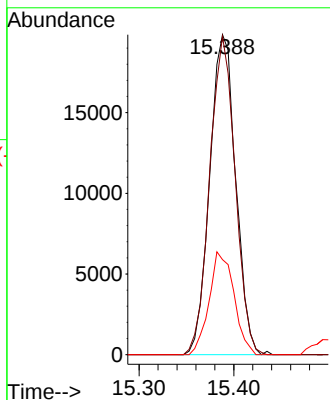
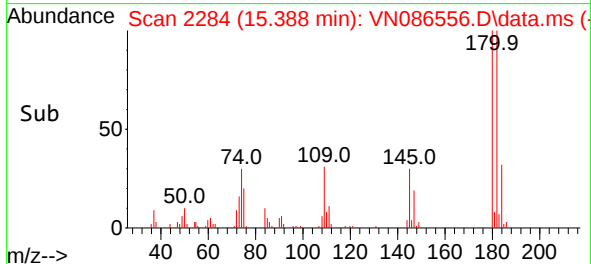
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



Tgt Ion:180 Resp: 3776
Ion Ratio Lower Upper
180 100
182 97.4 47.0 141.0
145 30.8 16.4 49.1

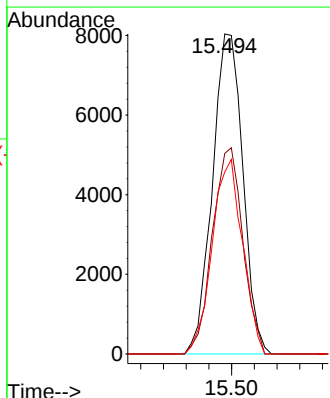
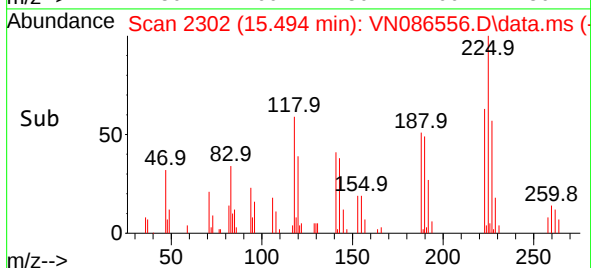
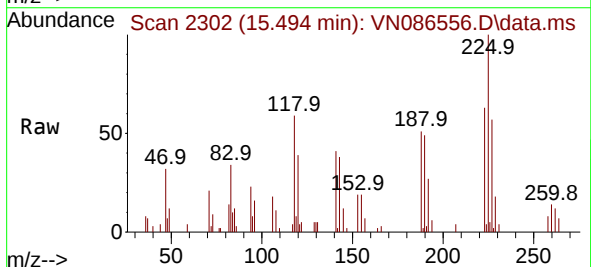
Manual Integrations
APPROVED

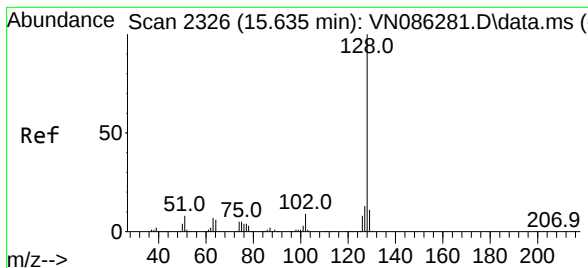
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#94
Hexachlorobutadiene
Concen: 18.630 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

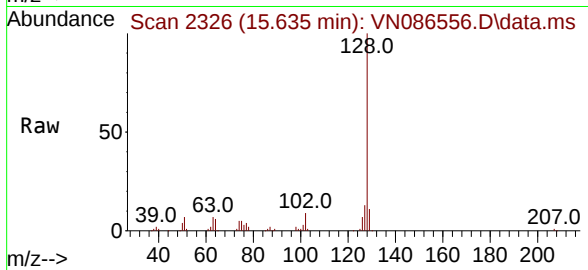
Tgt Ion:225 Resp: 14958
Ion Ratio Lower Upper
225 100
223 64.4 32.8 98.3
227 60.7 31.4 94.0





#95
Naphthalene
Concen: 16.557 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

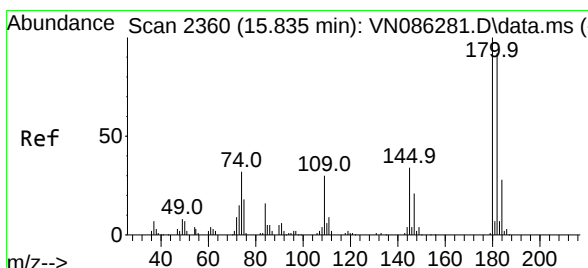
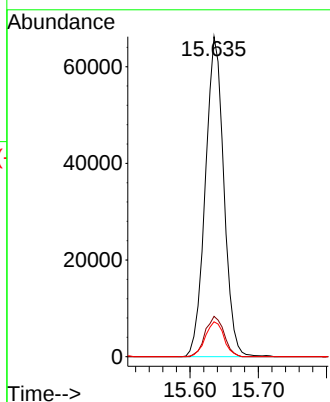
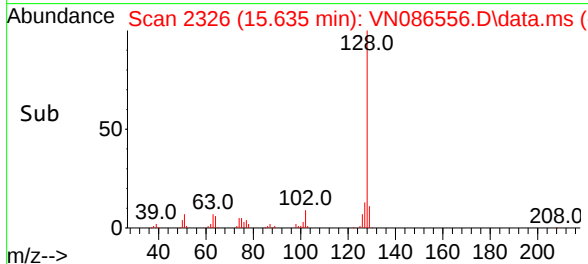
Instrument :
MSVOA_N
ClientSampleId :
VN0509MBS01



Tgt Ion:128 Resp: 124830
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 18.123 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086556.D
Acq: 09 May 2025 12:22

Tgt Ion:180 Resp: 36493
Ion Ratio Lower Upper
180 100
182 93.8 47.3 142.0
145 34.7 17.2 51.5

