

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086289.D
 Acq On : 16 Apr 2025 11:52
 Operator : JC\MD
 Sample : VN0416WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 03:05:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	282564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	522491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	208645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	207315	50.596	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.200%			
35) Dibromofluoromethane	8.165	113	122233	50.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	10.565	98	658487	50.809	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.620%			
62) 4-Bromofluorobenzene	12.847	95	235301	49.777	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62834	18.759	ug/l	98
3) Chloromethane	2.359	50	83619	17.177	ug/l	99
4) Vinyl Chloride	2.512	62	82618	17.784	ug/l	99
5) Bromomethane	2.959	94	41141	19.688	ug/l	99
6) Chloroethane	3.118	64	53710	17.275	ug/l	99
7) Trichlorofluoromethane	3.501	101	91973	17.873	ug/l	96
8) Diethyl Ether	3.959	74	40364	17.968	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	56567	18.172	ug/l	99
10) Methyl Iodide	4.583	142	66719	19.495	ug/l	100
11) Tert butyl alcohol	5.512	59	69597	93.093	ug/l	99
12) 1,1-Dichloroethene	4.342	96	56875	17.101	ug/l	90
13) Acrolein	4.183	56	33709	86.849	ug/l	98
14) Allyl chloride	5.024	41	108413	18.337	ug/l	93
15) Acrylonitrile	5.712	53	169017	91.453	ug/l	100
16) Acetone	4.424	43	149040	101.823	ug/l	99
17) Carbon Disulfide	4.712	76	167280	16.798	ug/l	97
18) Methyl Acetate	5.018	43	85073	17.297	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	213988	17.504	ug/l	99
20) Methylene Chloride	5.277	84	64725	17.087	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	60388	17.368	ug/l	98
22) Diisopropyl ether	6.665	45	221304	17.207	ug/l	99
23) Vinyl Acetate	6.600	43	799295	88.904	ug/l	100
24) 1,1-Dichloroethane	6.565	63	120270	17.724	ug/l	99
25) 2-Butanone	7.477	43	238212	93.400	ug/l	99
26) 2,2-Dichloropropane	7.489	77	111024	18.273	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	75460	17.486	ug/l	98
28) Bromochloromethane	7.812	49	72980	25.364	ug/l	99
29) Tetrahydrofuran	7.836	42	150252	88.099	ug/l	99
30) Chloroform	7.965	83	116681	17.504	ug/l	100
31) Cyclohexane	8.253	56	116431	17.534	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	101815	17.854	ug/l	99
36) 1,1-Dichloropropene	8.371	75	87429	18.051	ug/l	99
37) Ethyl Acetate	7.553	43	90455	17.739	ug/l	98
38) Carbon Tetrachloride	8.359	117	82737	17.938	ug/l	100
39) Methylcyclohexane	9.600	83	104143	18.090	ug/l	99
40) Benzene	8.600	78	278025	17.916	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	51131	17.301	ug/l	97
42) 1,2-Dichloroethane	8.665	62	87802	17.743	ug/l	100
43) Isopropyl Acetate	8.683	43	172068	17.329	ug/l	99
44) Trichloroethene	9.347	130	66974	18.209	ug/l	98
45) 1,2-Dichloropropane	9.618	63	67554	17.784	ug/l	98
46) Dibromomethane	9.706	93	44348	18.324	ug/l	99
47) Bromodichloromethane	9.883	83	94506	18.079	ug/l	97
48) Methyl methacrylate	9.677	41	76692	17.127	ug/l	97
49) 1,4-Dioxane	9.694	88	27492	360.936	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	469595	89.934	ug/l	99
52) Toluene	10.624	92	174573	18.029	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	105914	18.151	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	113584	17.722	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	62343	17.895	ug/l	99
56) Ethyl methacrylate	10.871	69	113753	17.763	ug/l	99
57) 1,3-Dichloropropane	11.159	76	110884	17.939	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	225469	74.181	ug/l	100
59) 2-Hexanone	11.194	43	358683	92.611	ug/l	100
60) Dibromochloromethane	11.353	129	69031	18.045	ug/l	100
61) 1,2-Dibromoethane	11.465	107	63744	18.134	ug/l	99
64) Tetrachloroethene	11.100	164	65974	18.639	ug/l	98
65) Chlorobenzene	11.888	112	184055	17.923	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	60477	17.852	ug/l	99
67) Ethyl Benzene	11.959	91	332795	17.959	ug/l	99
68) m/p-Xylenes	12.065	106	252292	36.335	ug/l	97
69) o-Xylene	12.394	106	123540	17.991	ug/l	98
70) Styrene	12.412	104	207507	18.137	ug/l	99
71) Bromoform	12.576	173	46081	18.067	ug/l #	98
73) Isopropylbenzene	12.694	105	304303	17.829	ug/l	99
74) N-amyl acetate	12.488	43	139157	16.378	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	83847	17.086	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	84064m	17.073	ug/l	
77) Bromobenzene	12.976	156	67868	17.946	ug/l	99
78) n-propylbenzene	13.035	91	362369	18.018	ug/l	99
79) 2-Chlorotoluene	13.123	91	223889	17.790	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	251187	17.981	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39861	19.443	ug/l	94
82) 4-Chlorotoluene	13.218	91	222909	17.831	ug/l	99
83) tert-Butylbenzene	13.435	119	220122	18.186	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	254651	17.909	ug/l	99
85) sec-Butylbenzene	13.612	105	304877	18.159	ug/l	100
86) p-Isopropyltoluene	13.723	119	251538	18.177	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	127951	17.998	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	128408	17.933	ug/l	100
89) n-Butylbenzene	14.053	91	227898	18.579	ug/l	100
90) Hexachloroethane	14.329	117	41324	17.753	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	123552	17.926	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18530	18.727	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	63878	19.355	ug/l	99
94) Hexachlorobutadiene	15.500	225	24374	19.564	ug/l	98
95) Naphthalene	15.635	128	222770	19.041	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	59442	19.024	ug/l	99

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ClientSampleId :
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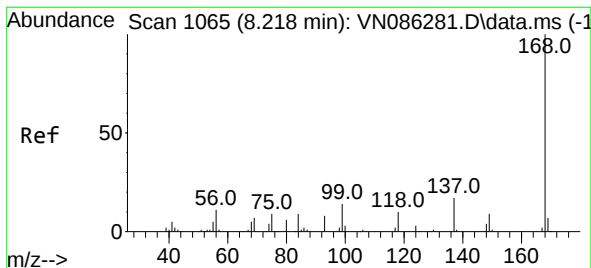
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

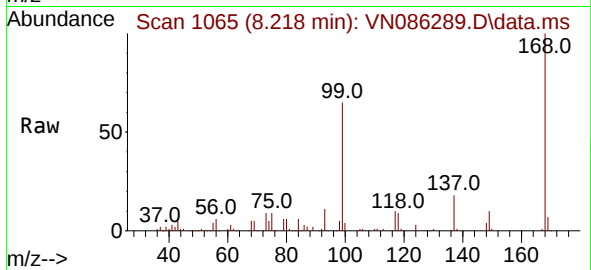
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086289.D
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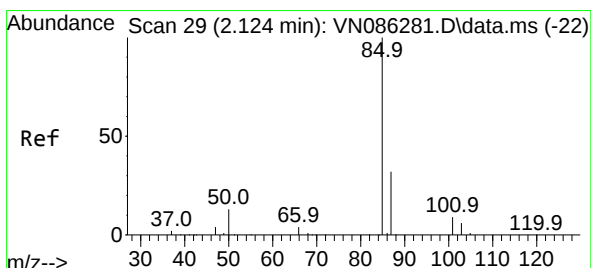
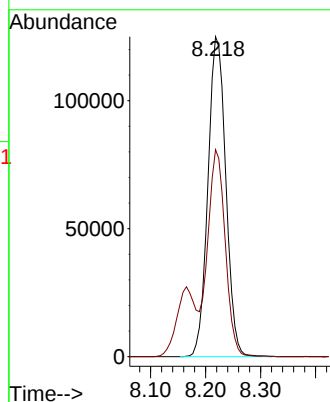
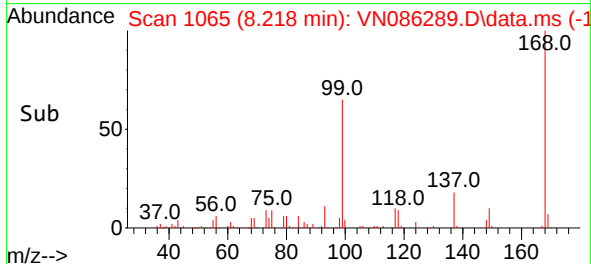
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion:168 Resp: 282564
Ion Ratio Lower Upper
168 100
99 64.7 52.5 78.7

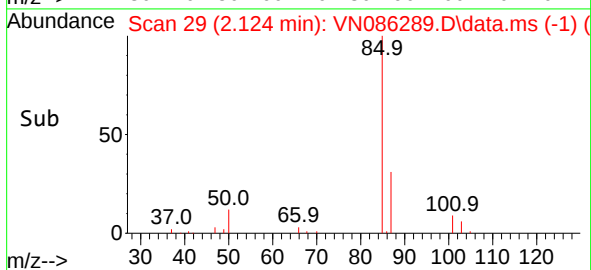
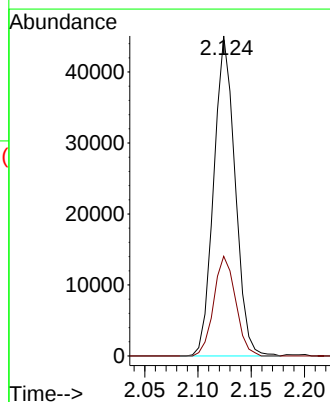
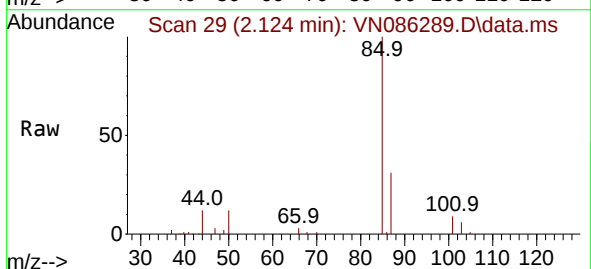
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#2
Dichlorodifluoromethane
Concen: 18.759 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

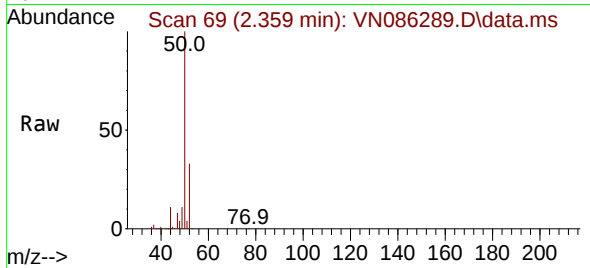
Tgt Ion: 85 Resp: 62834
Ion Ratio Lower Upper
85 100
87 31.2 16.3 48.8





#3
Chloromethane
Concen: 17.177 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

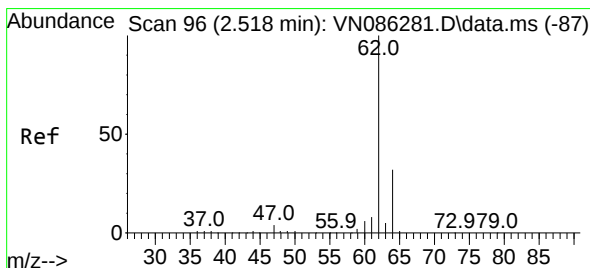
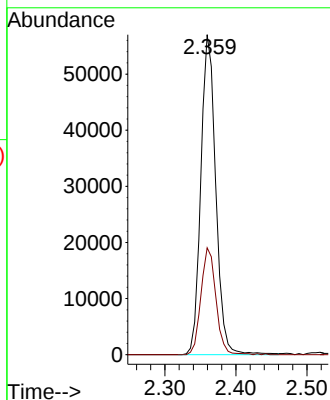
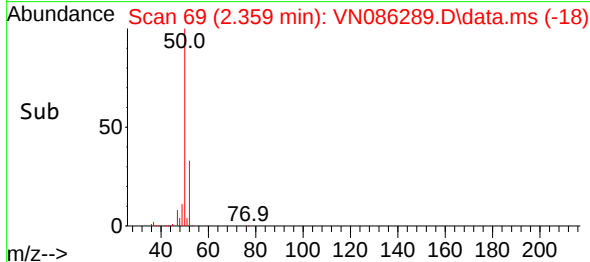
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Tgt Ion: 50 Resp: 83619
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

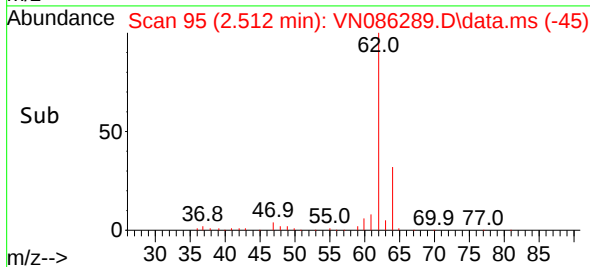
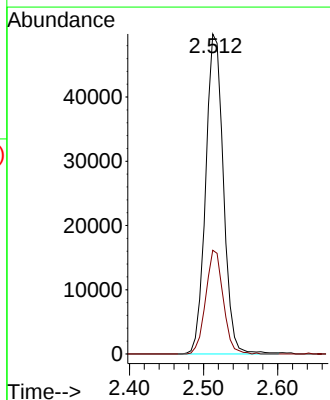
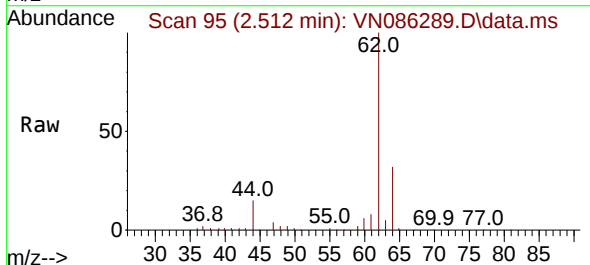
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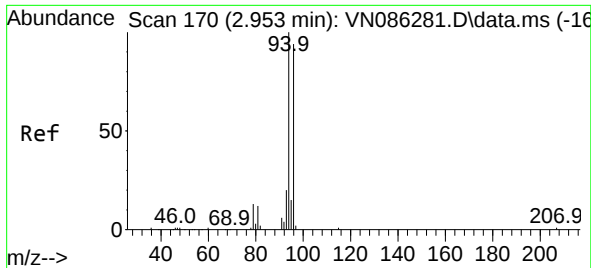
Reviewed By :John Carlone 04/17/2025
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#4
Vinyl Chloride
Concen: 17.784 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

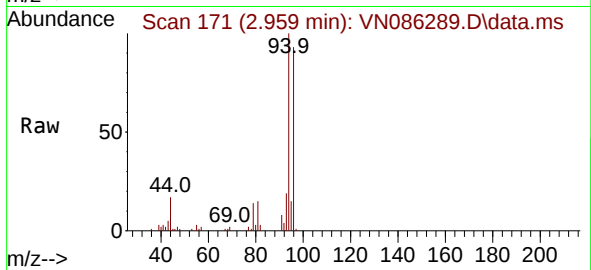
Tgt Ion: 62 Resp: 82618
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4





#5
Bromomethane
Concen: 19.688 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

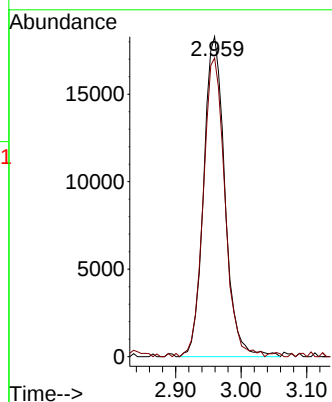
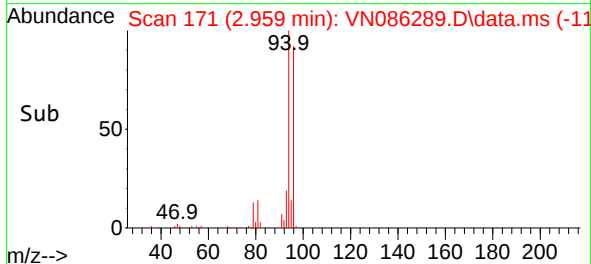
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 94 Resp: 4114
Ion Ratio Lower Upper
94 100
96 93.4 75.2 112.8

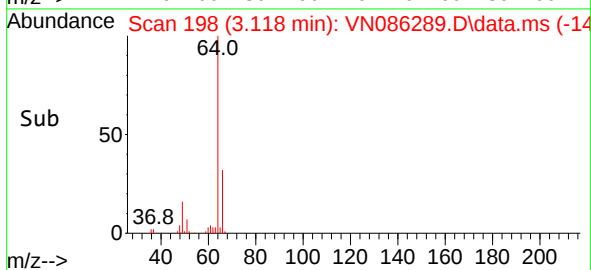
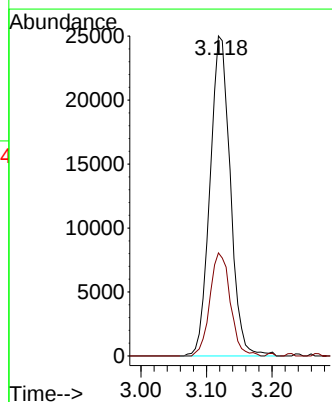
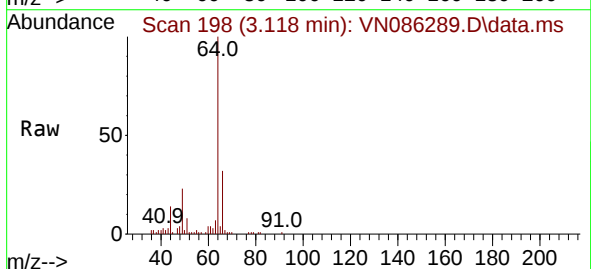
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#6
Chloroethane
Concen: 17.275 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

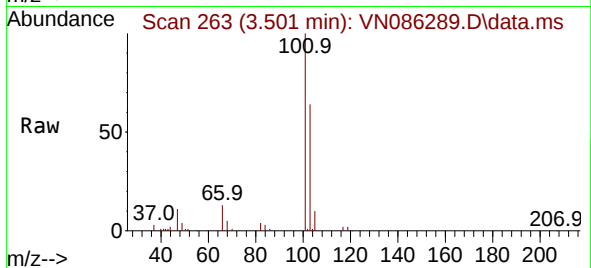
Tgt Ion: 64 Resp: 53710
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 17.873 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52

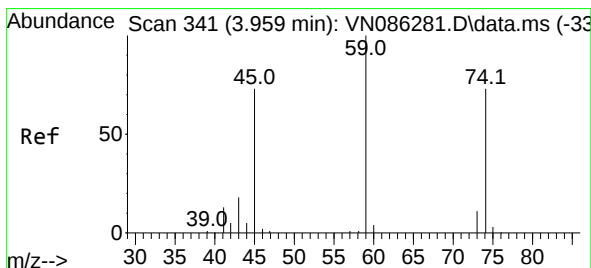
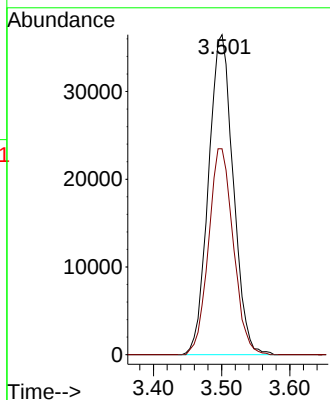
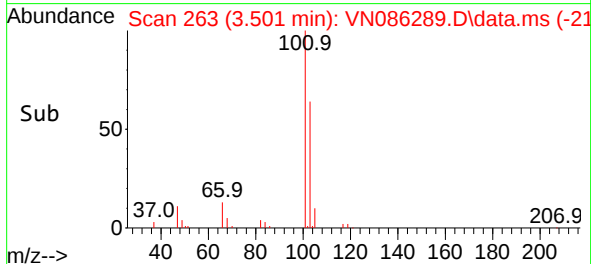
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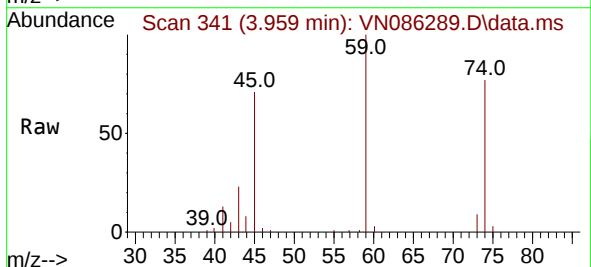
Tgt Ion: 101 Resp: 91973
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.2 73.8

Manual Integrations
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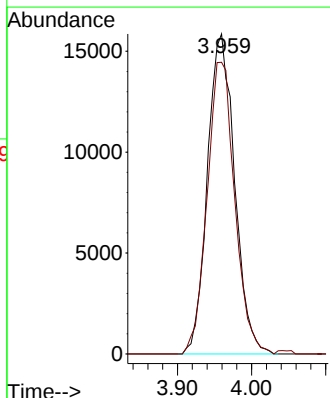
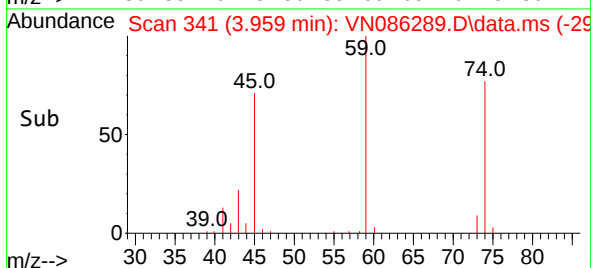
Reviewed By : John Carlone 04/17/2025
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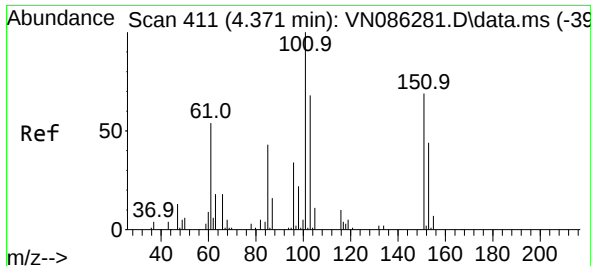


#8
 Diethyl Ether
 Concen: 17.968 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52



Tgt Ion: 74 Resp: 40364
 Ion Ratio Lower Upper
 74 100
 45 93.0 48.0 144.2





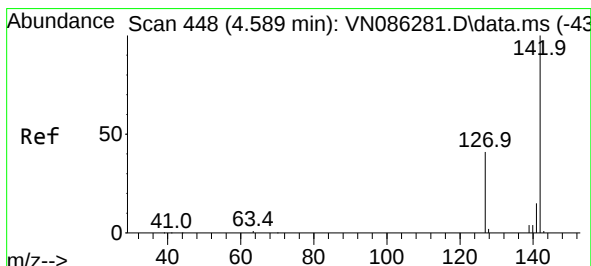
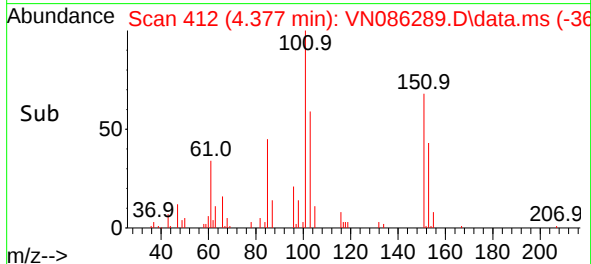
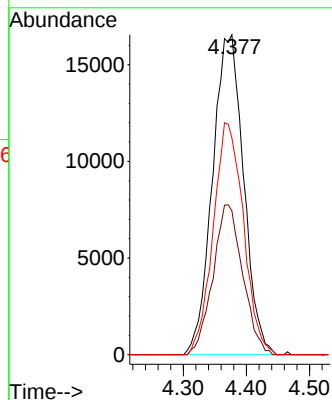
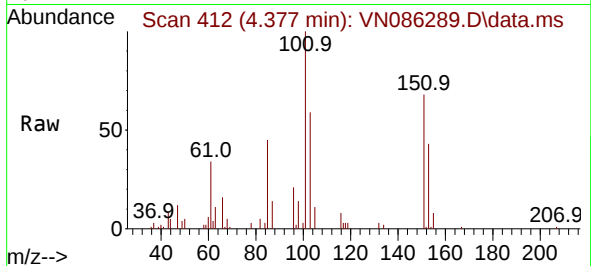
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.172 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086289.D
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Tgt Ion:101 Resp: 5656
Ion Ratio Lower Upper
101 100
85 45.0 34.7 52.1
151 70.7 56.1 84.1

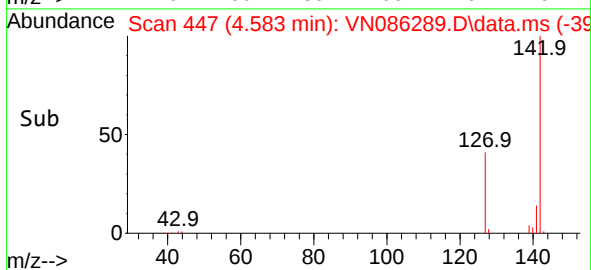
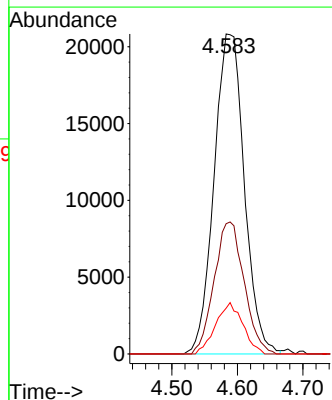
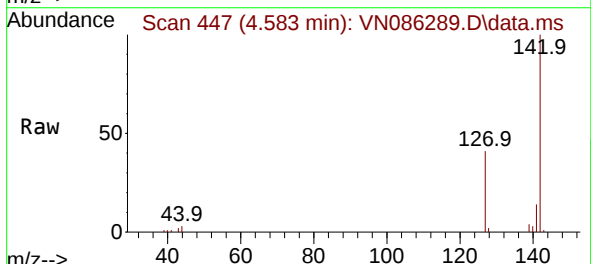
Manual Integrations
APPROVED

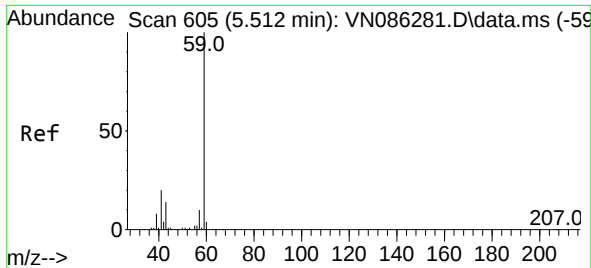
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#10
Methyl Iodide
Concen: 19.495 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

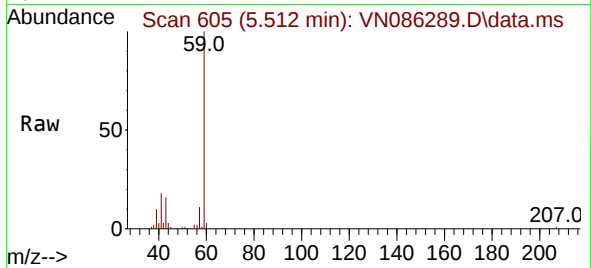
Tgt Ion:142 Resp: 66719
Ion Ratio Lower Upper
142 100
127 40.7 32.7 49.1
141 14.3 11.7 17.5





#11
Tert butyl alcohol
Concen: 93.093 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

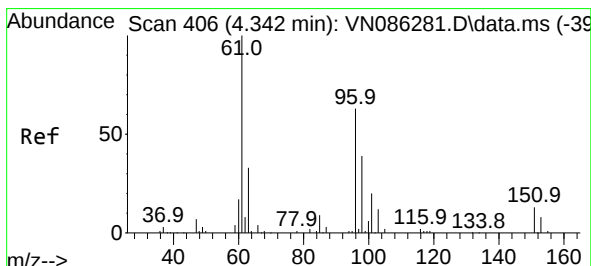
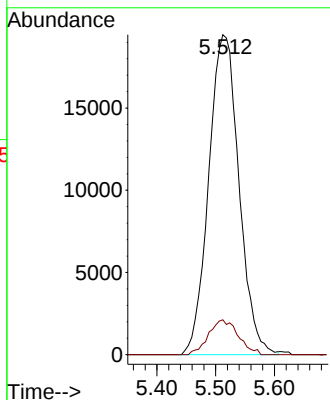
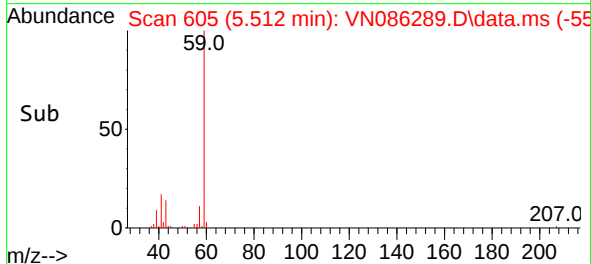
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



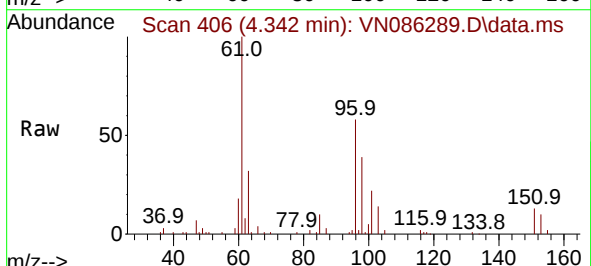
Tgt Ion: 59 Resp: 69597
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

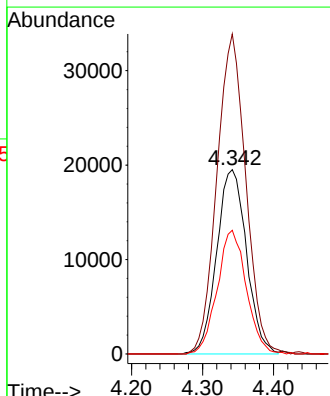
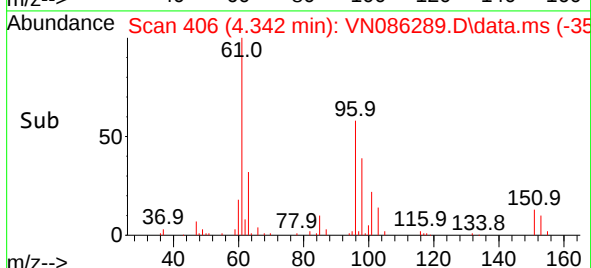
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#12
1,1-Dichloroethene
Concen: 17.101 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



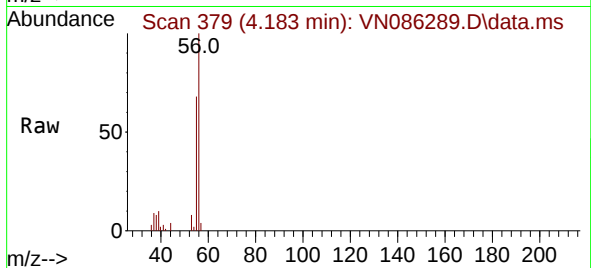
Tgt Ion: 96 Resp: 56875
Ion Ratio Lower Upper
96 100
61 173.7 126.6 189.8
98 67.2 49.6 74.4





#13
Acrolein
Concen: 86.849 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

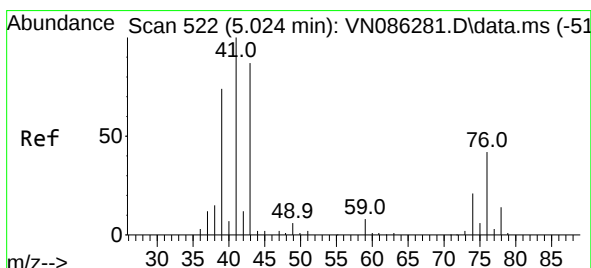
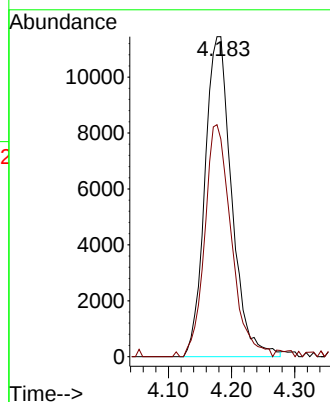
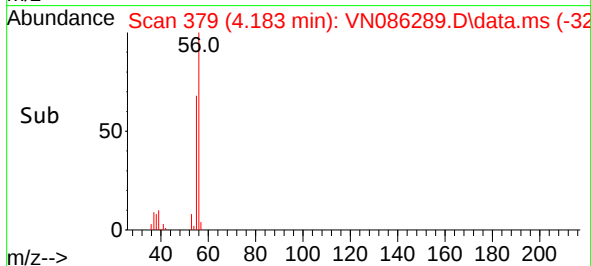
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



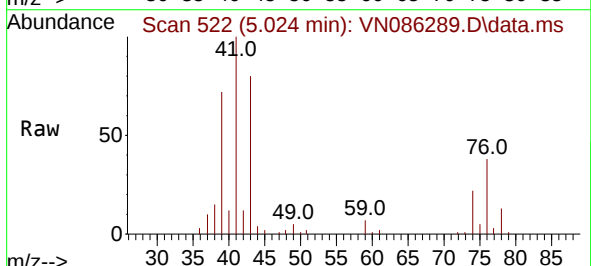
Tgt Ion: 56 Resp: 33709
Ion Ratio Lower Upper
56 100
55 71.8 58.5 87.7

Manual Integrations
APPROVED

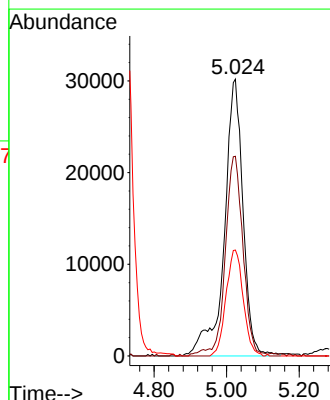
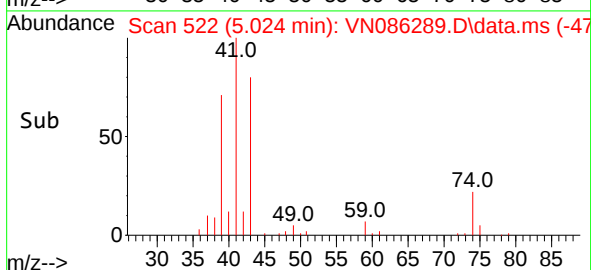
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

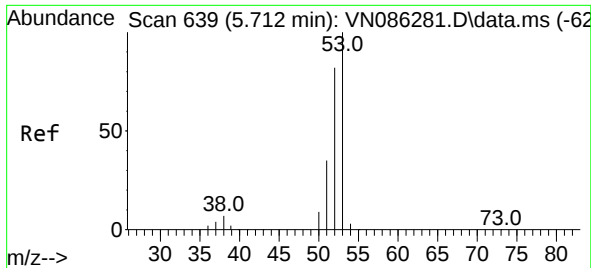


#14
Allyl chloride
Concen: 18.337 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



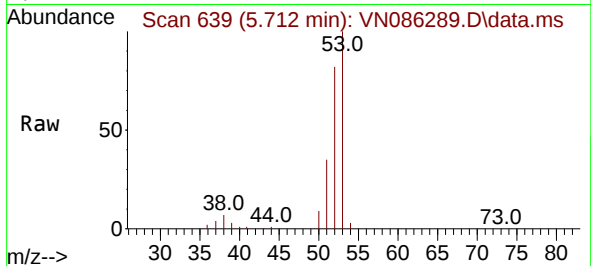
Tgt Ion: 41 Resp: 108413
Ion Ratio Lower Upper
41 100
39 68.1 59.2 88.8
76 35.1 31.2 46.8





#15
Acrylonitrile
Concen: 91.453 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

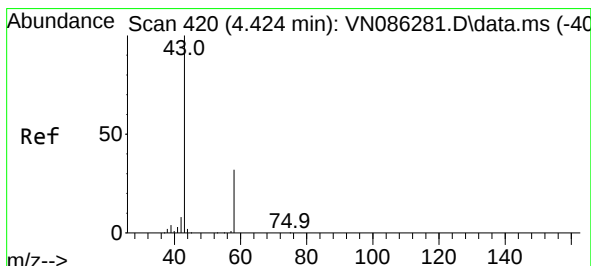
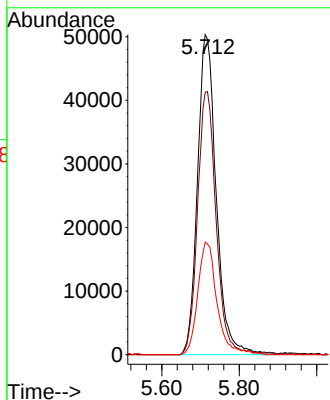
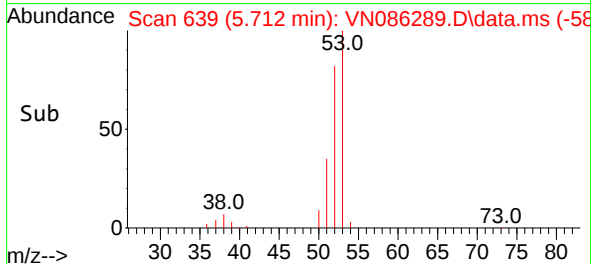
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 53 Resp: 16901
Ion Ratio Lower Upper
53 100
52 81.5 65.5 98.3
51 36.0 28.6 42.8

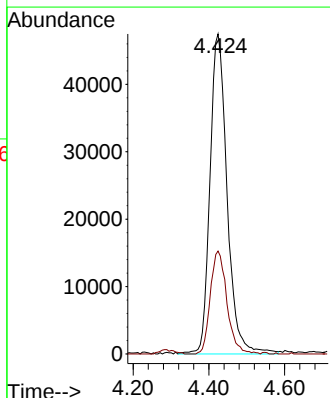
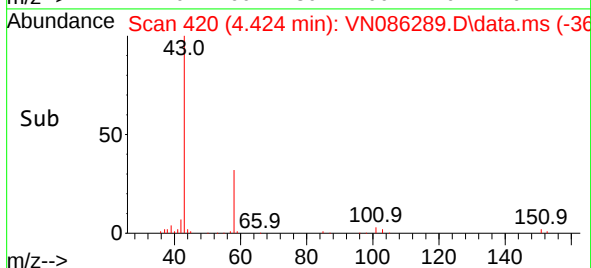
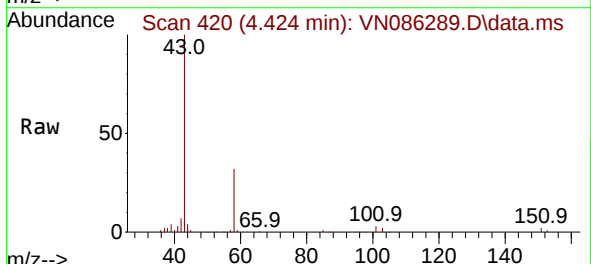
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#16
Acetone
Concen: 101.823 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

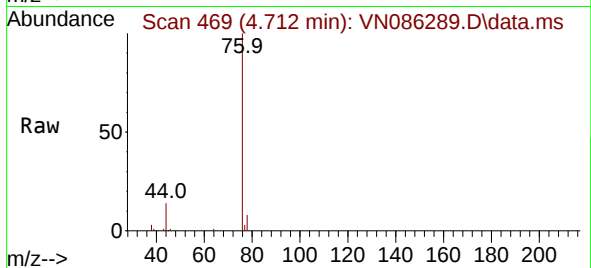
Tgt Ion: 43 Resp: 149040
Ion Ratio Lower Upper
43 100
58 32.2 25.3 37.9





#17
Carbon Disulfide
Concen: 16.798 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

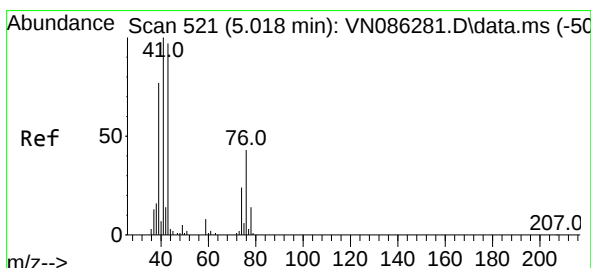
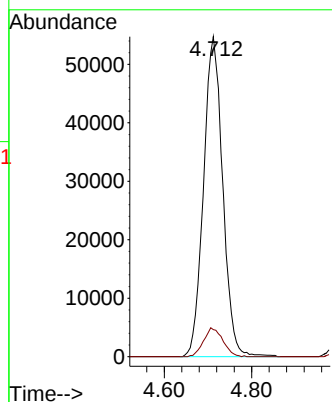
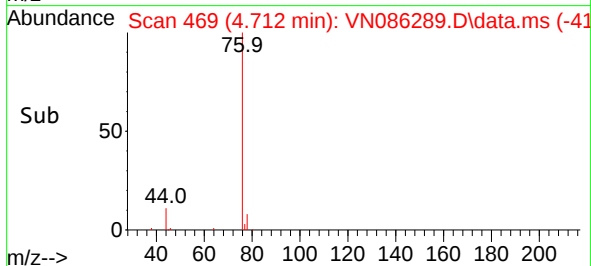
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



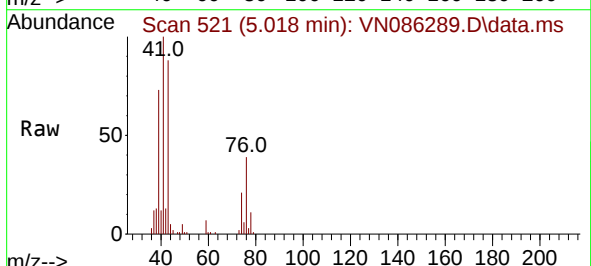
Tgt Ion: 76 Resp: 167280
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4

Manual Integrations
APPROVED

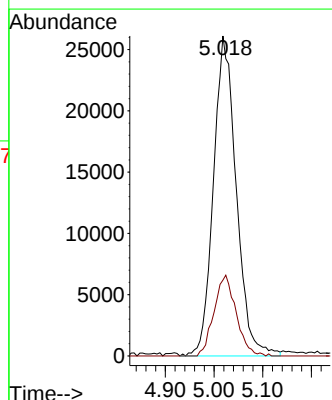
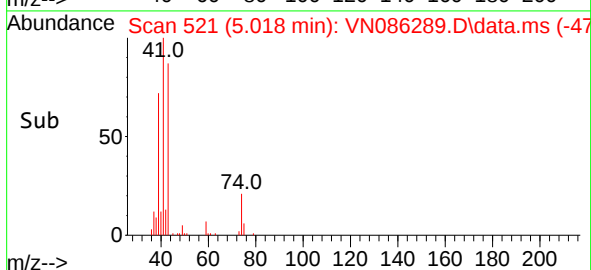
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

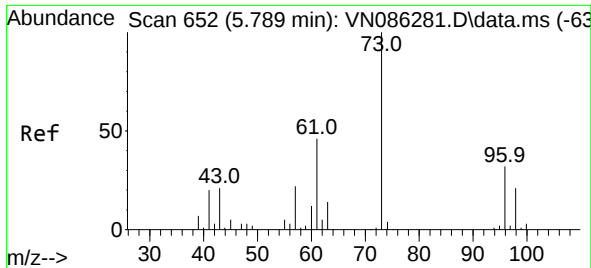


#18
Methyl Acetate
Concen: 17.297 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



Tgt Ion: 43 Resp: 85073
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6





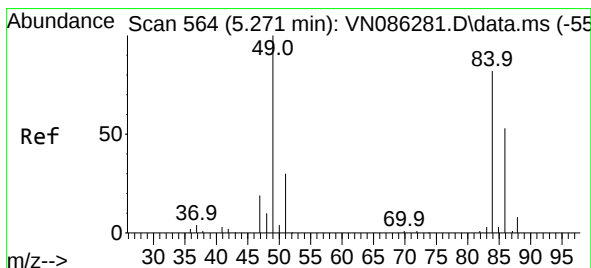
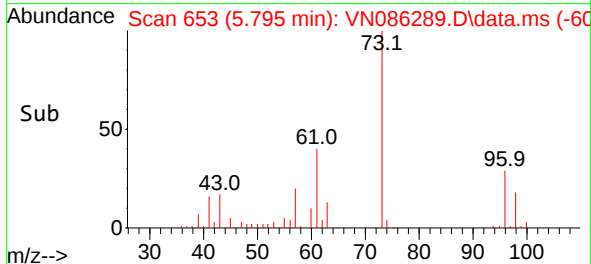
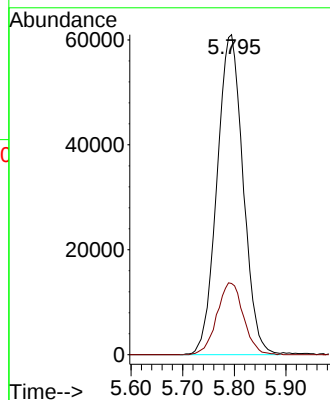
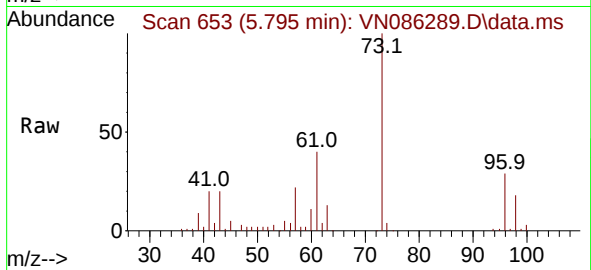
#19
Methyl tert-butyl Ether
Concen: 17.504 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Tgt Ion: 73 Resp: 21398
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

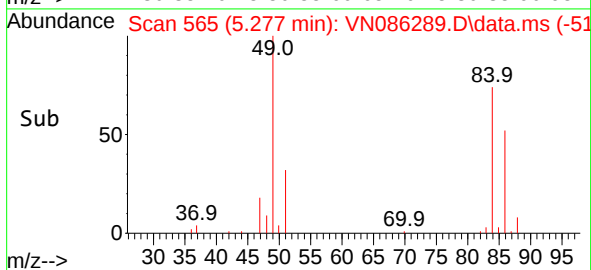
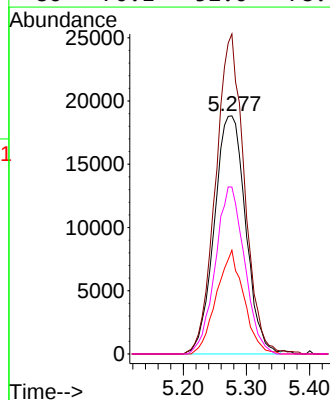
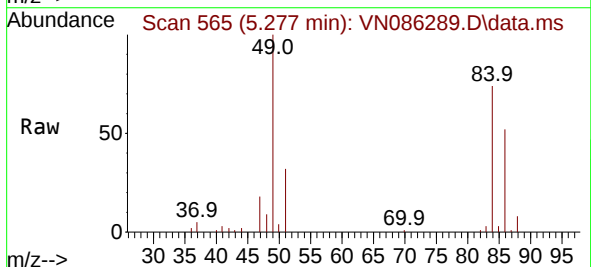
Manual Integrations
APPROVED

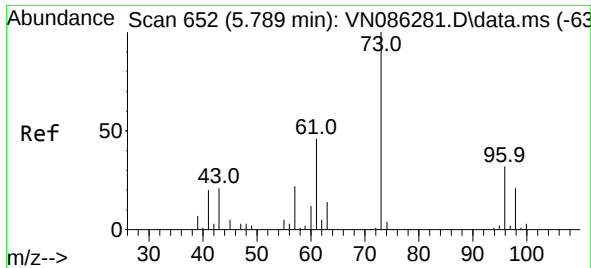
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 17.087 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

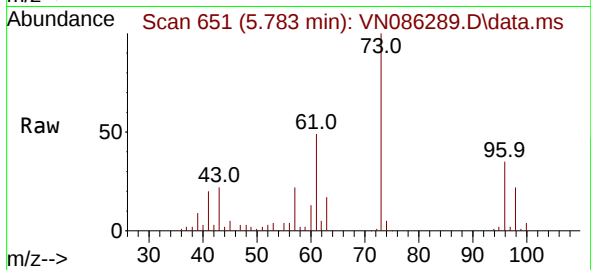
Tgt Ion: 84 Resp: 64725
Ion Ratio Lower Upper
84 100
49 134.4 98.2 147.2
51 43.6 29.8 44.6
86 70.1 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 17.368 ug/l
RT: 5.783 min Scan# 6038
Delta R.T. -0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

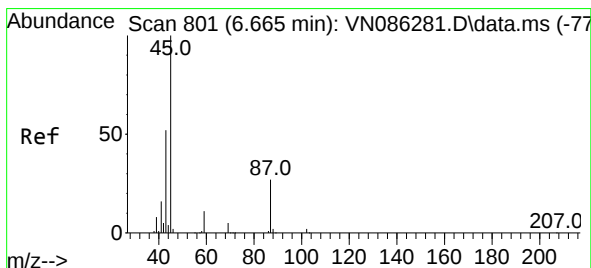
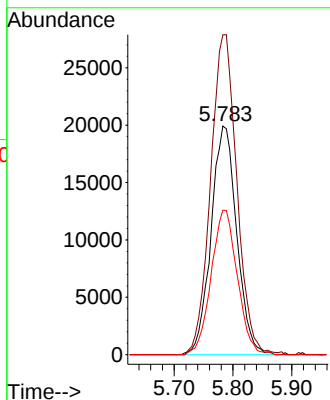
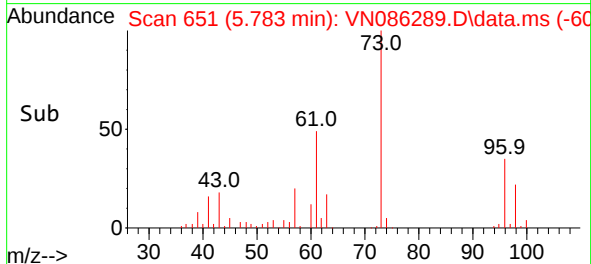
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 96 Resp: 6038
Ion Ratio Lower Upper
96 100
61 139.9 114.6 171.8
98 63.2 51.2 76.8

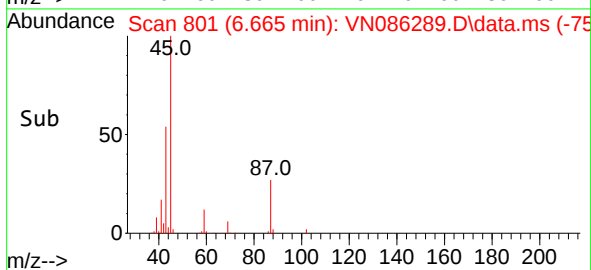
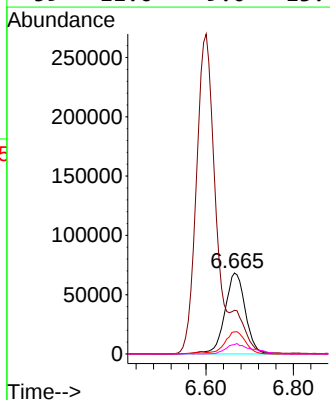
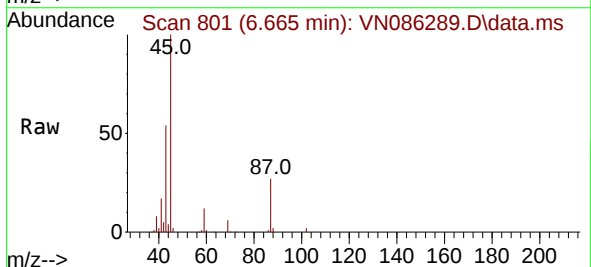
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#22
Diisopropyl ether
Concen: 17.207 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion: 45 Resp: 221304
Ion Ratio Lower Upper
45 100
43 52.8 41.8 62.8
87 27.2 21.6 32.4
59 11.6 9.0 13.4





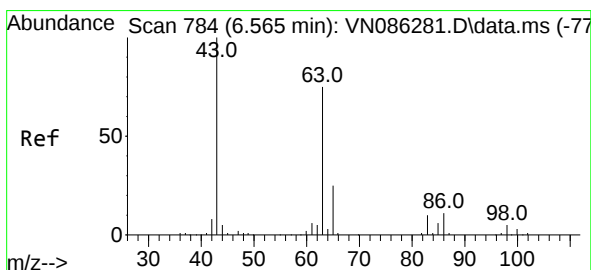
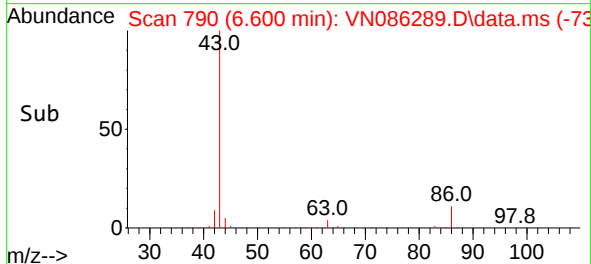
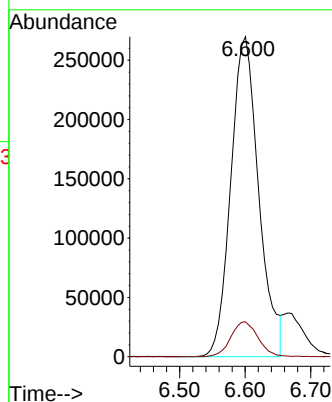
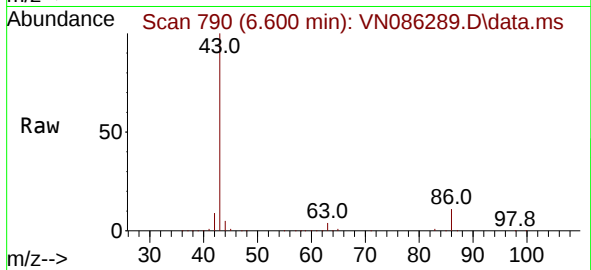
#23
 Vinyl Acetate
 Concen: 88.904 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

Tgt Ion: 43 Resp: 799295
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

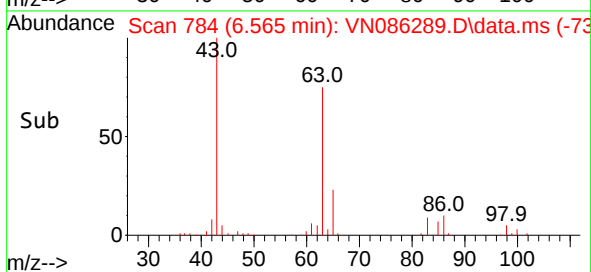
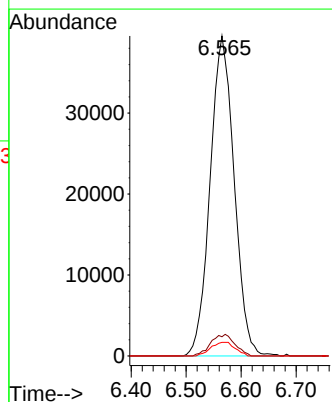
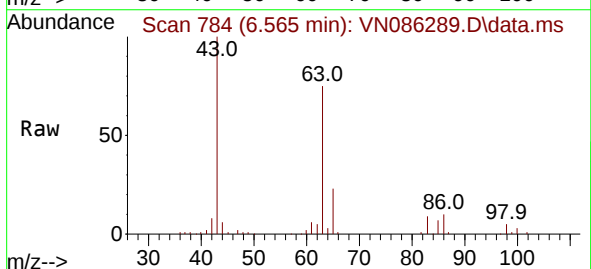
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#24
 1,1-Dichloroethane
 Concen: 17.724 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52

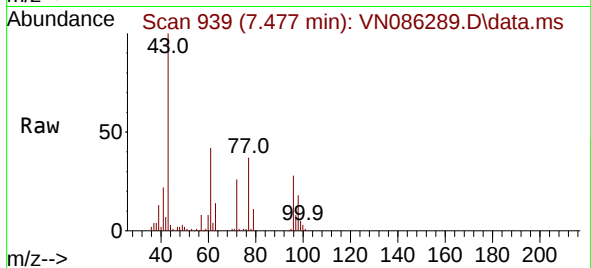
Tgt Ion: 63 Resp: 120270
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.2
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 93.400 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

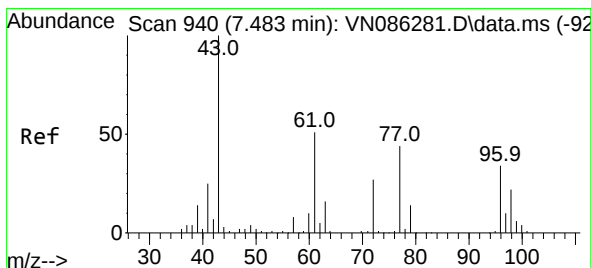
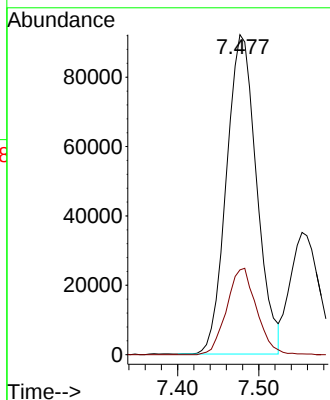
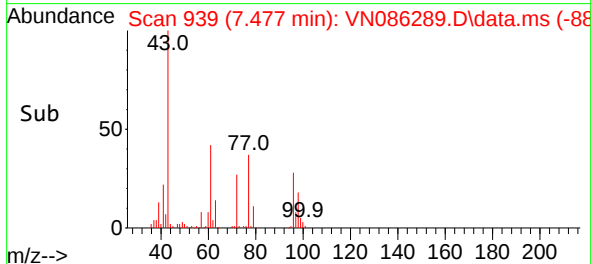
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



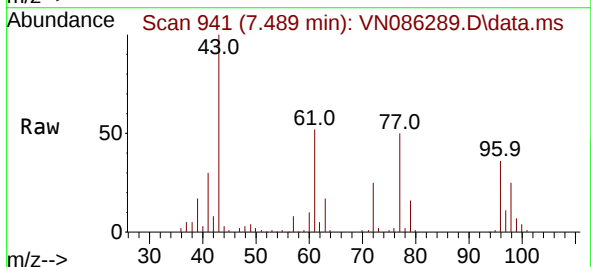
Tgt Ion: 43 Resp: 23821
Ion Ratio Lower Upper
43 100
72 26.5 21.7 32.5

Manual Integrations
APPROVED

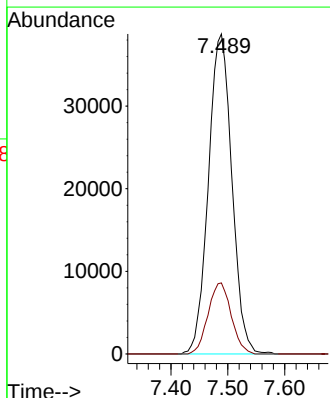
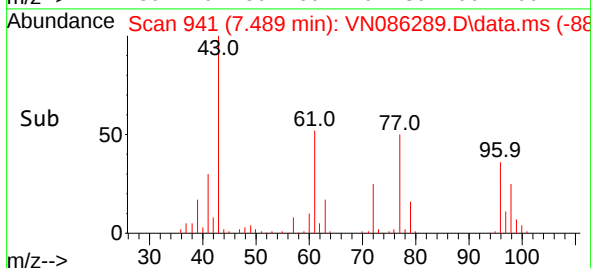
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

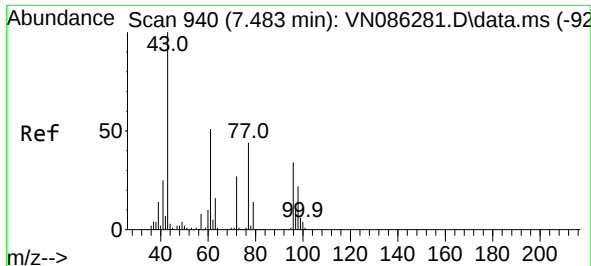


#26
2,2-Dichloropropane
Concen: 18.273 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



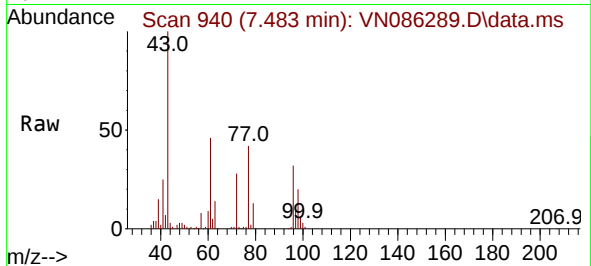
Tgt Ion: 77 Resp: 111024
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 17.486 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52

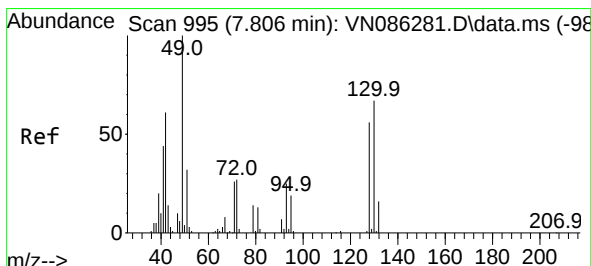
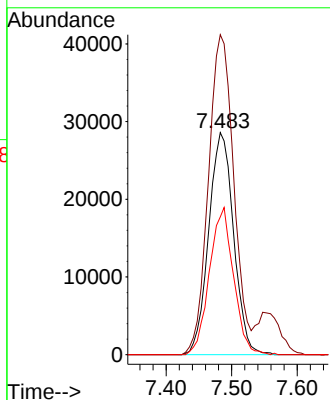
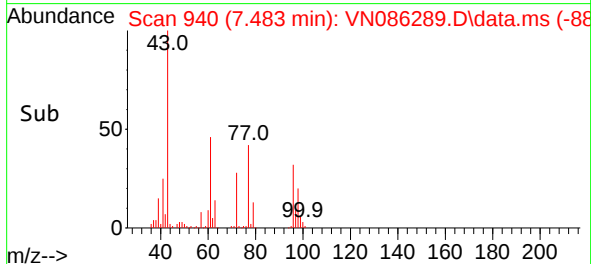
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01



Tgt Ion: 96 Resp: 75460
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 299.0
 98 64.1 0.0 129.6

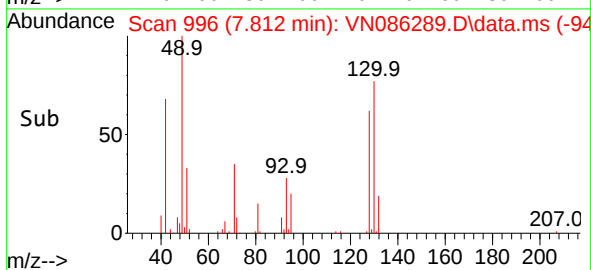
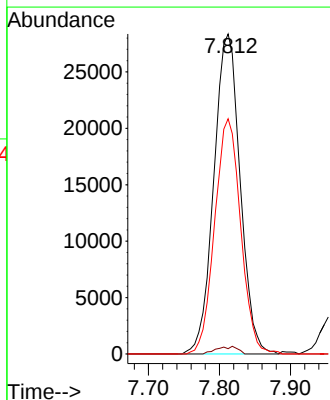
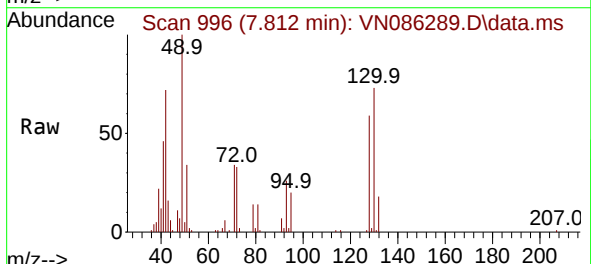
Manual Integrations
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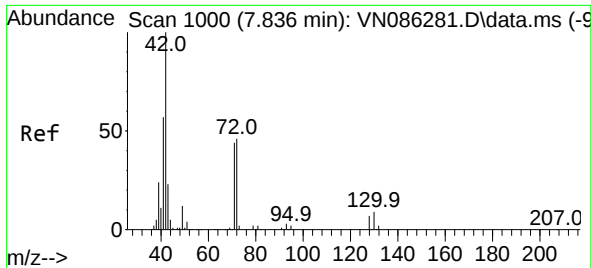
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#28
 Bromochloromethane
 Concen: 25.364 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52

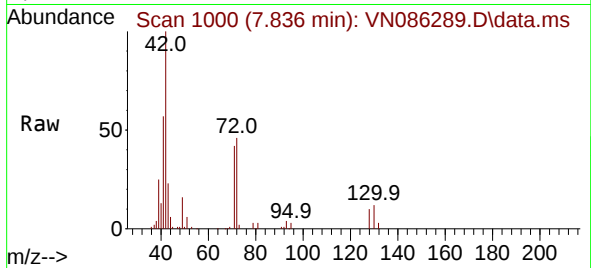
Tgt Ion: 49 Resp: 72980
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 72.5 57.1 85.7





#29
Tetrahydrofuran
Concen: 88.099 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

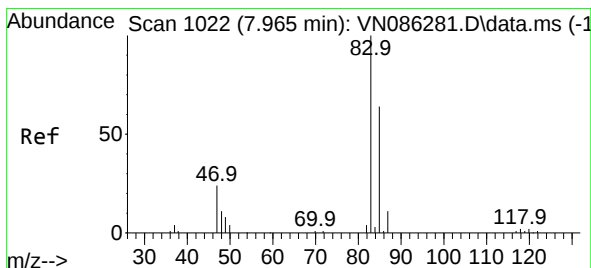
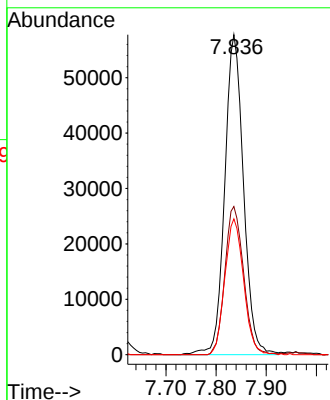
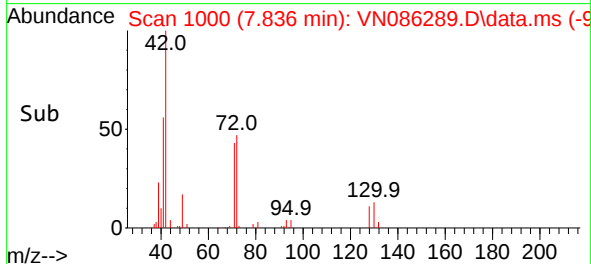
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 42 Resp: 150252
Ion Ratio Lower Upper
42 100
72 46.3 36.2 54.4
71 42.5 34.0 51.0

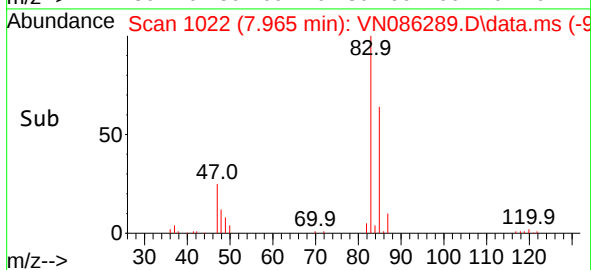
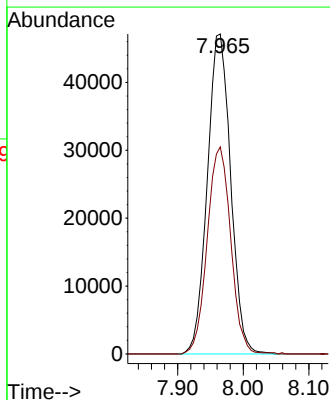
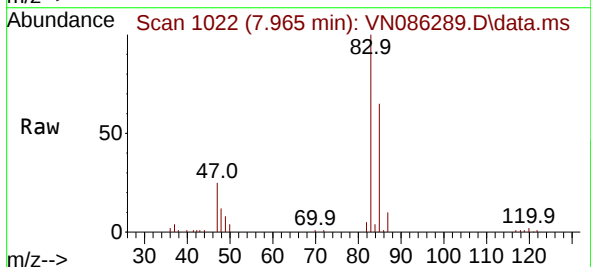
Manual Integrations
APPROVED

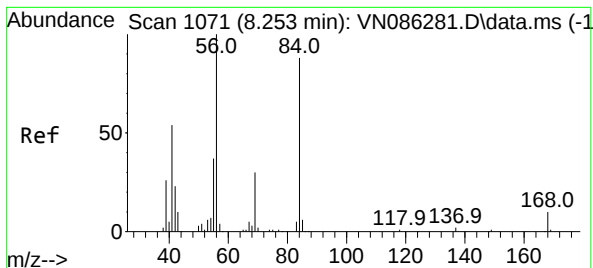
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#30
Chloroform
Concen: 17.504 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion: 83 Resp: 116681
Ion Ratio Lower Upper
83 100
85 64.7 51.5 77.3





#31

Cyclohexane

Concen: 17.534 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086289.D

Acq: 16 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

Tgt Ion: 56 Resp: 11643

Ion Ratio Lower Upper

56 100

69 32.0 24.2 36.2

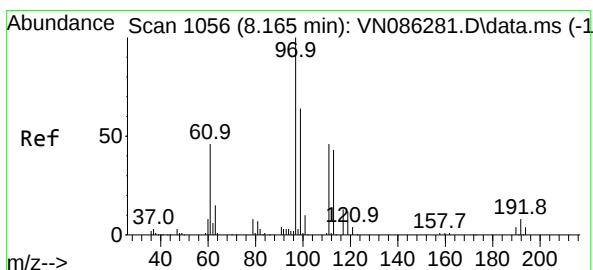
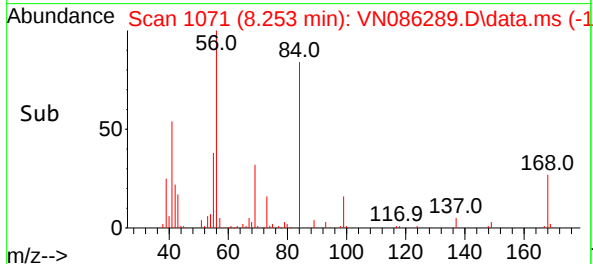
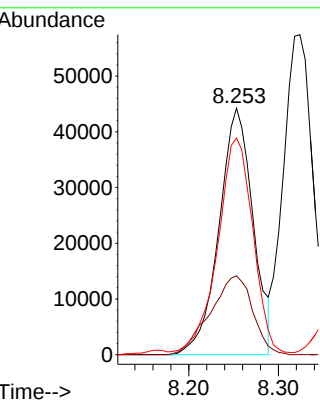
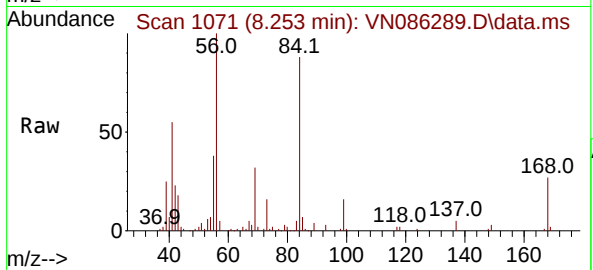
84 86.7 70.3 105.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#32

1,1,1-Trichloroethane

Concen: 17.854 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086289.D

Acq: 16 Apr 2025 11:52

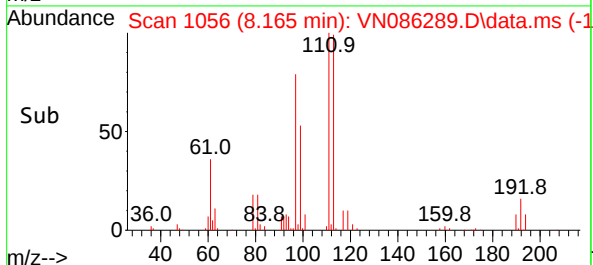
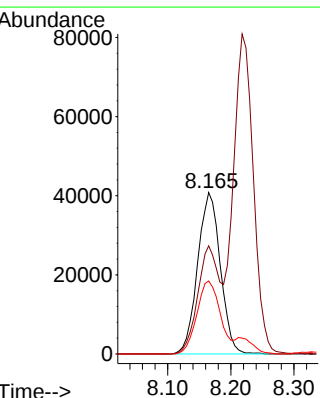
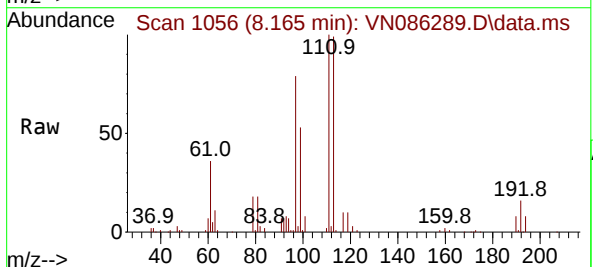
Tgt Ion: 97 Resp: 101815

Ion Ratio Lower Upper

97 100

99 65.8 52.7 79.1

61 47.4 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 50.596 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086289.D

Acq: 16 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

Tgt Ion: 65 Resp: 20731

Ion Ratio Lower Upper

65 100

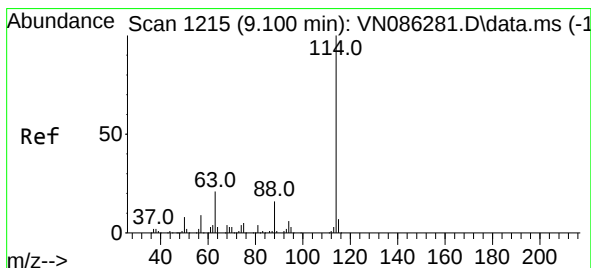
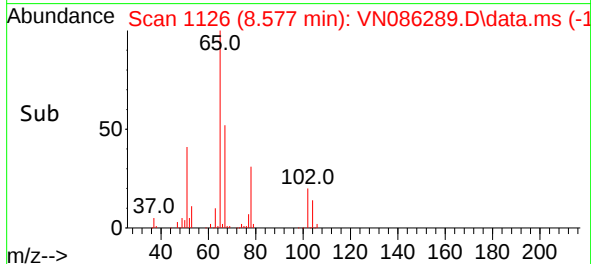
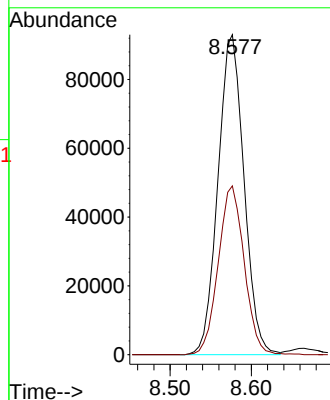
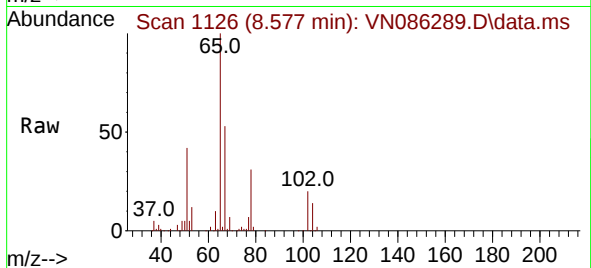
67 52.6 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086289.D

Acq: 16 Apr 2025 11:52

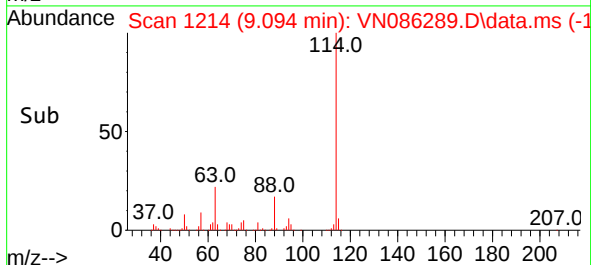
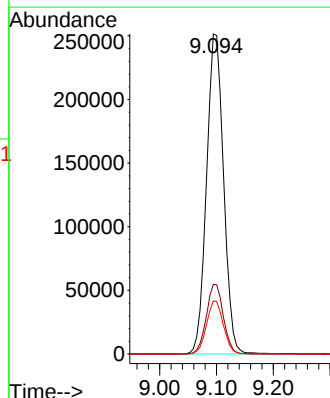
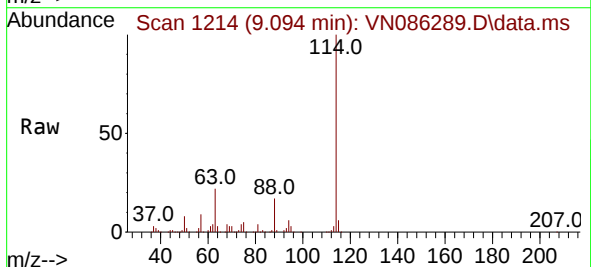
Tgt Ion:114 Resp: 522491

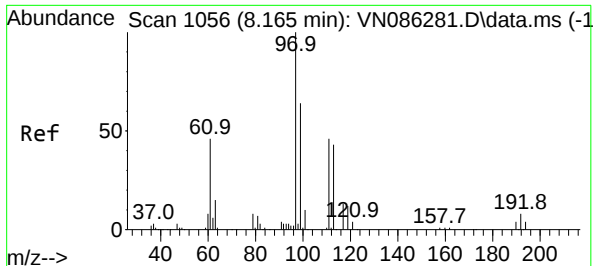
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

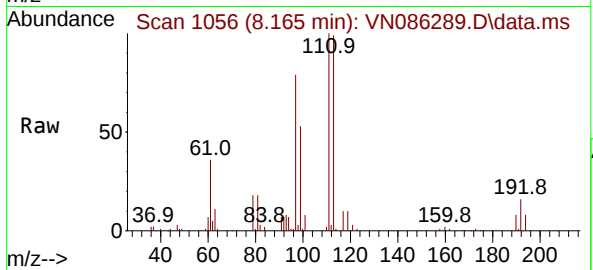
88 16.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 50.406 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

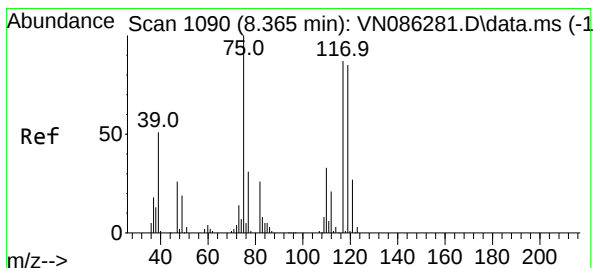
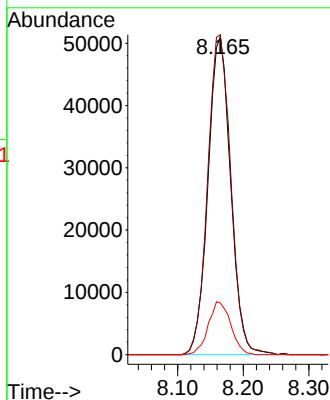
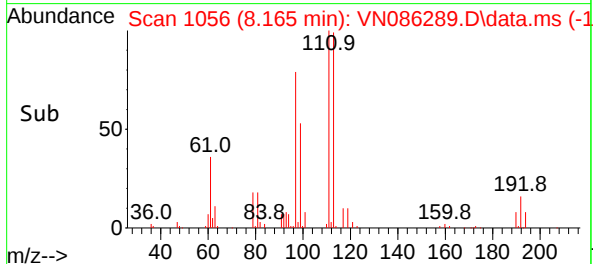
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 113 Resp: 12223
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.0
192 16.6 13.7 20.5

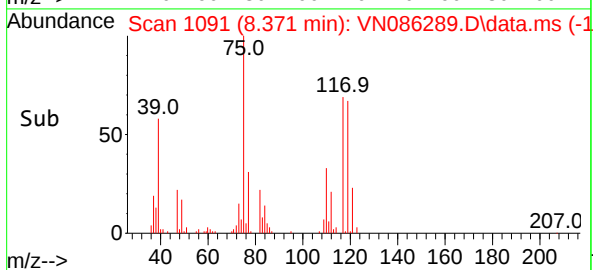
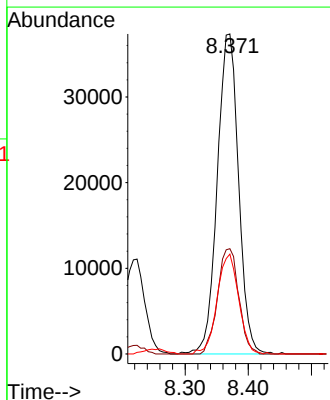
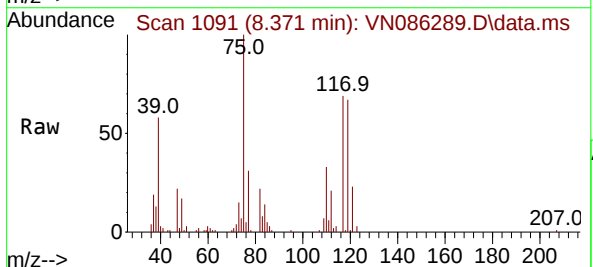
Manual Integrations
APPROVED

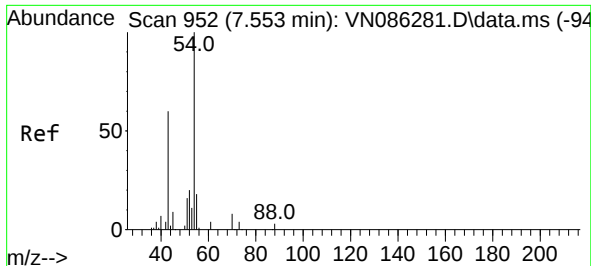
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#36
1,1-Dichloropropene
Concen: 18.051 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

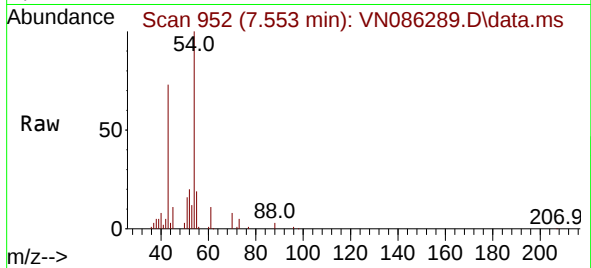
Tgt Ion: 75 Resp: 87429
Ion Ratio Lower Upper
75 100
110 32.8 16.8 50.4
77 31.6 24.9 37.3





#37
Ethyl Acetate
Concen: 17.739 ug/l
RT: 7.553 min Scan# 9045
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

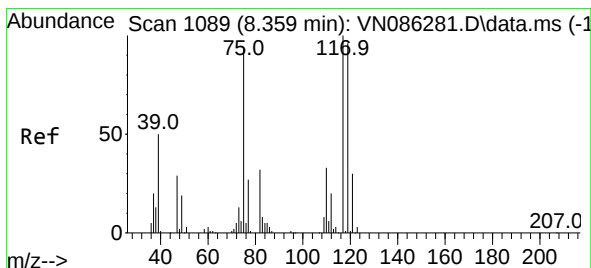
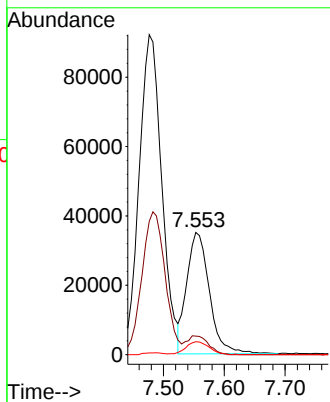
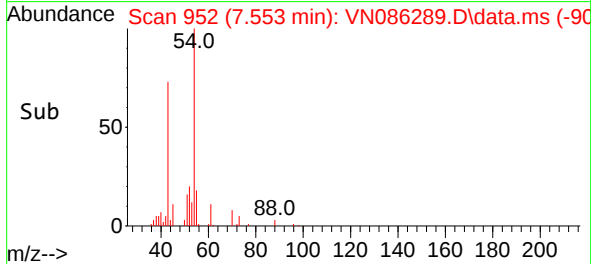
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 43 Resp: 9045
Ion Ratio Lower Upper
43 100
61 15.0 11.1 16.7
70 11.0 9.2 13.8

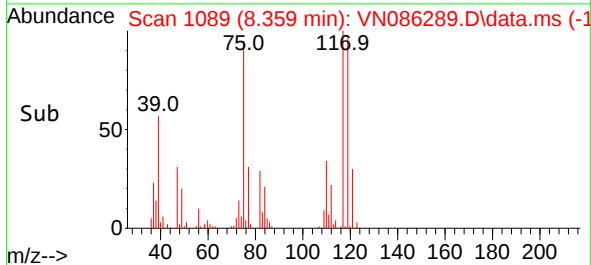
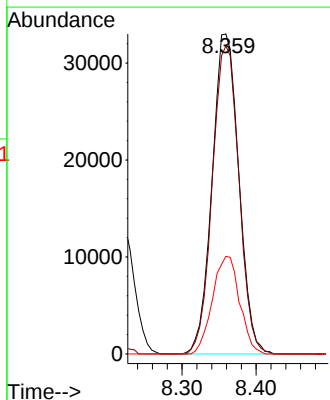
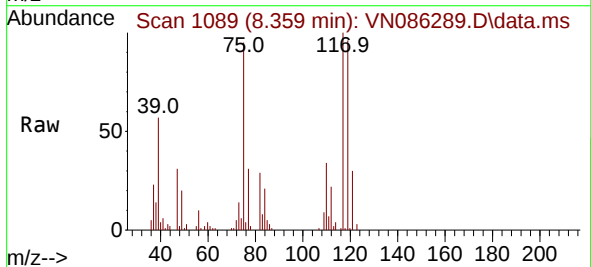
Manual Integrations
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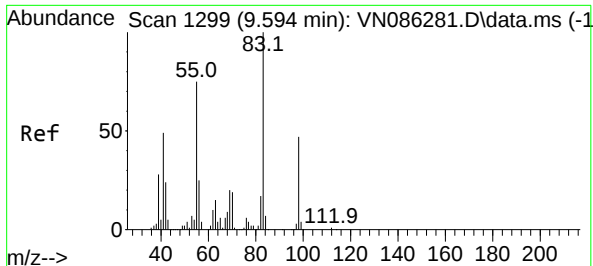
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#38
Carbon Tetrachloride
Concen: 17.938 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion:117 Resp: 82737
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2
121 30.5 23.8 35.8





#39

Methylcyclohexane

Concen: 18.090 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086289.D

Acq: 16 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

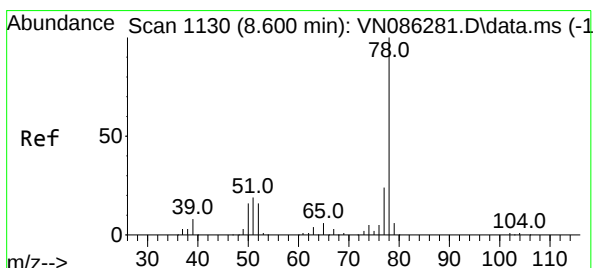
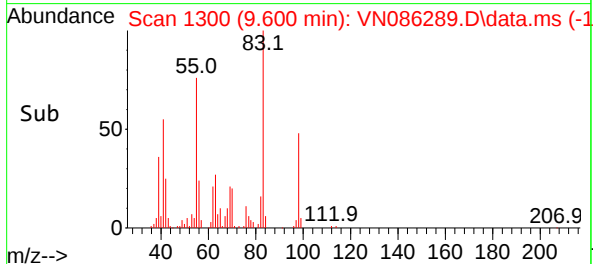
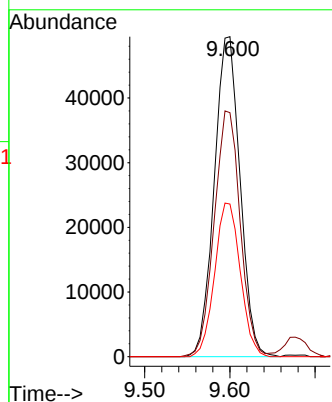
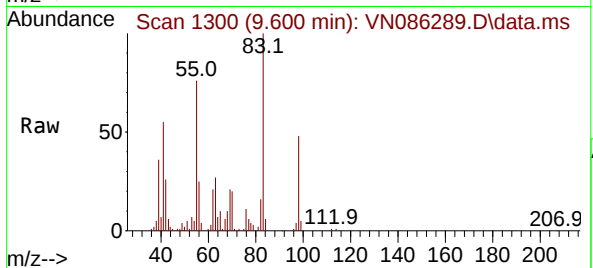
Tgt Ion:	83	Resp:	10414
Ion Ratio	Lower	Upper	
83	100		
55	76.3	59.8	89.8
98	47.7	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#40

Benzene

Concen: 17.916 ug/l

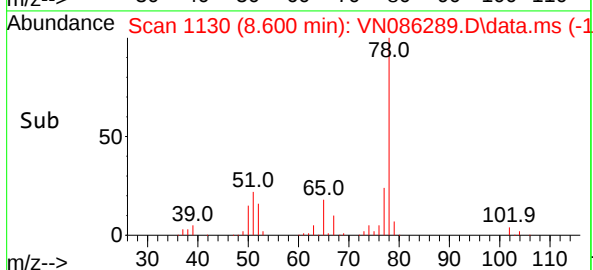
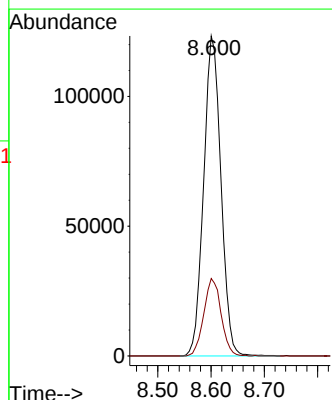
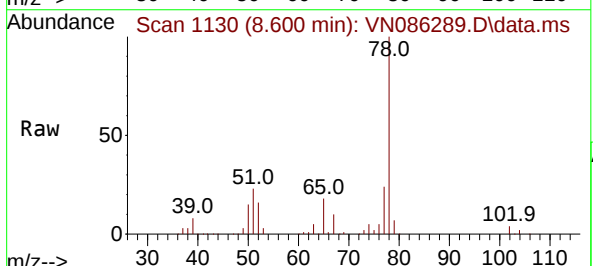
RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086289.D

Acq: 16 Apr 2025 11:52

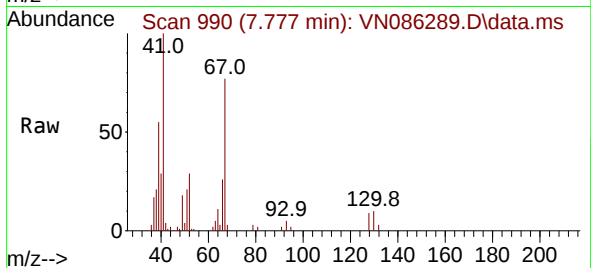
Tgt Ion:	78	Resp:	278025
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.4	29.2





#41
Methacrylonitrile
Concen: 17.301 ug/l
RT: 7.777 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

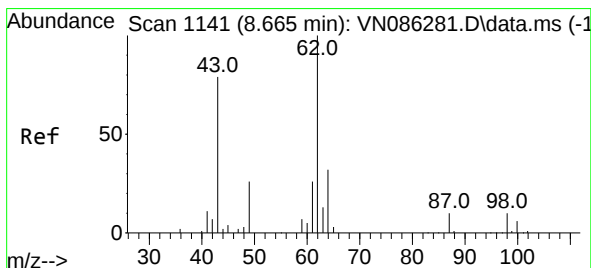
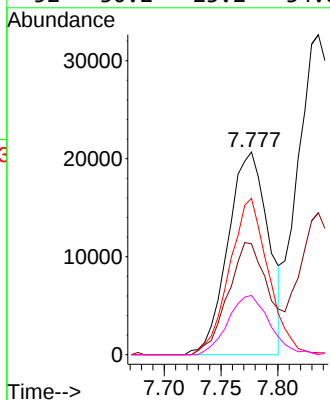
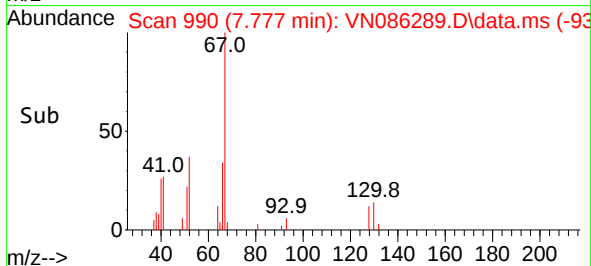
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion:	41	Resp:	5113
Ion Ratio	100	Lower	Upper
39	57.1	43.0	64.4
67	74.4	58.8	88.2
52	30.2	23.2	34.8

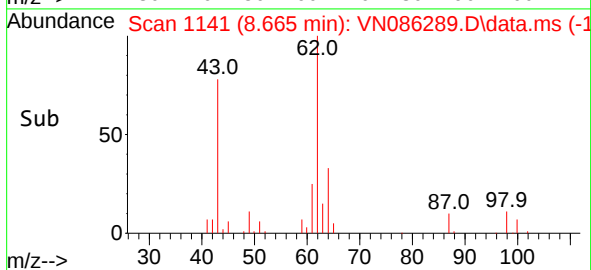
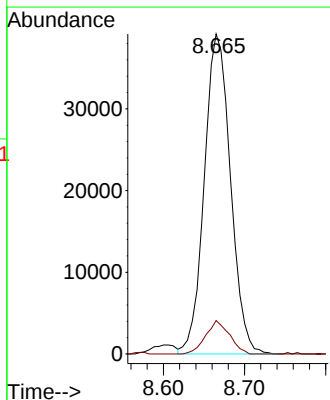
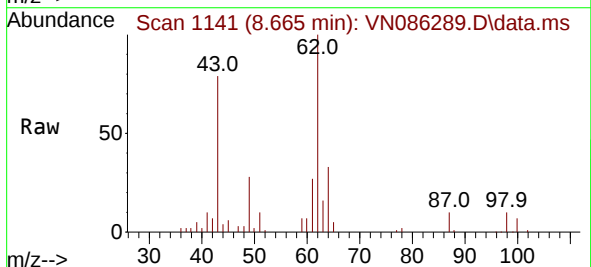
Manual Integrations
APPROVED

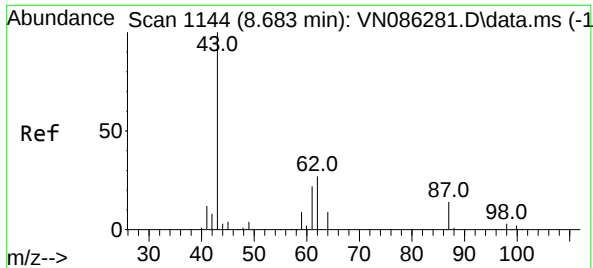
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#42
1,2-Dichloroethane
Concen: 17.743 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion:	62	Resp:	87802
Ion Ratio	100	Lower	Upper
98	9.5	0.0	19.2





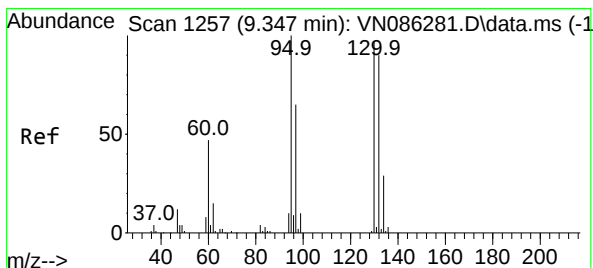
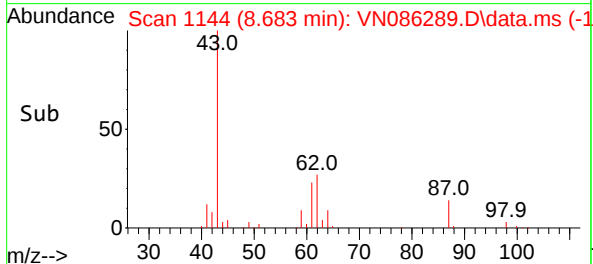
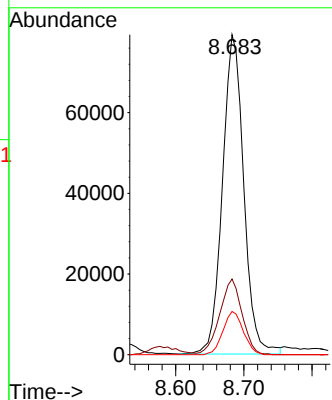
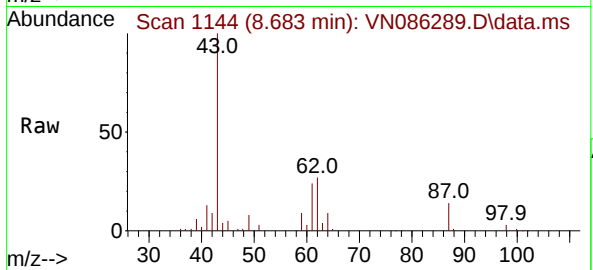
#43
Isopropyl Acetate
Concen: 17.329 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Tgt Ion: 43 Resp: 172068
Ion Ratio Lower Upper
43 100
61 24.8 20.5 30.7
87 12.9 10.5 15.7

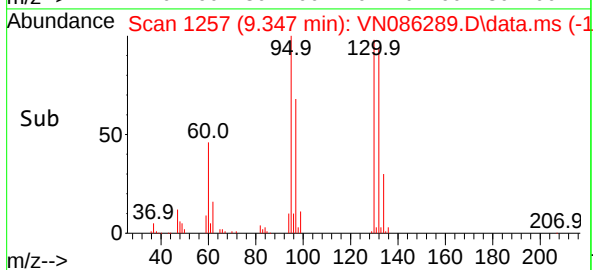
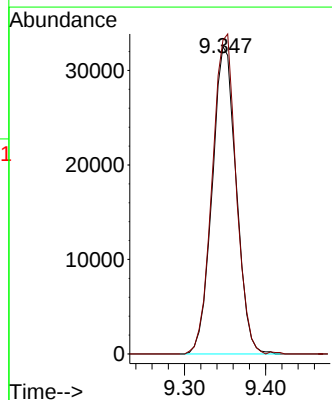
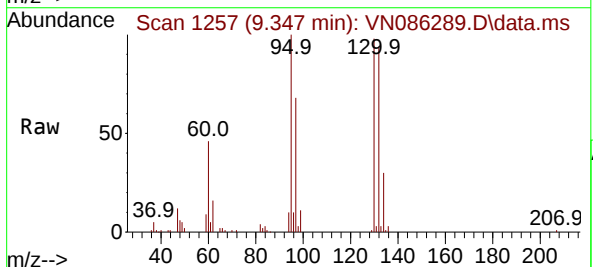
Manual Integrations
APPROVED

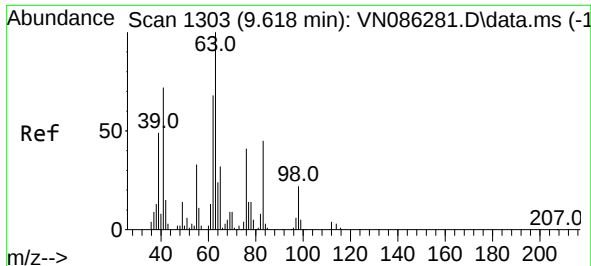
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#44
Trichloroethene
Concen: 18.209 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion:130 Resp: 66974
Ion Ratio Lower Upper
130 100
95 102.0 0.0 207.2





#45

1,2-Dichloropropane

Concen: 17.784 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086289.D

Acq: 16 Apr 2025 11:52

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS01

Tgt Ion: 63 Resp: 67554

Ion Ratio Lower Upper

63 100

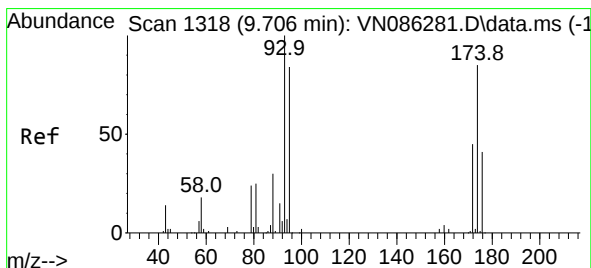
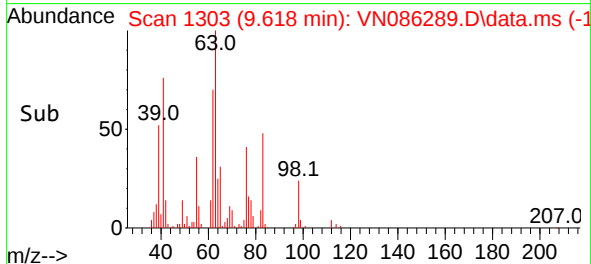
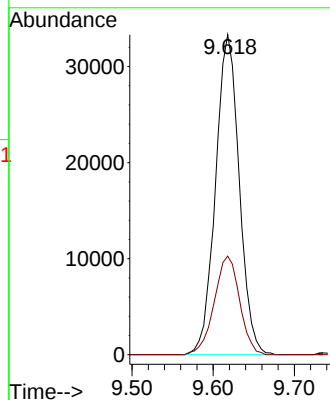
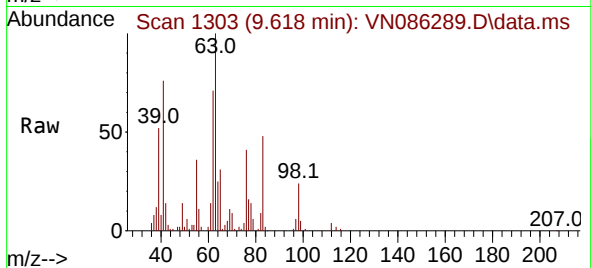
65 30.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#46

Dibromomethane

Concen: 18.324 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086289.D

Acq: 16 Apr 2025 11:52

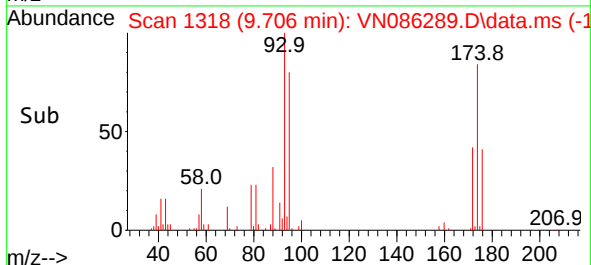
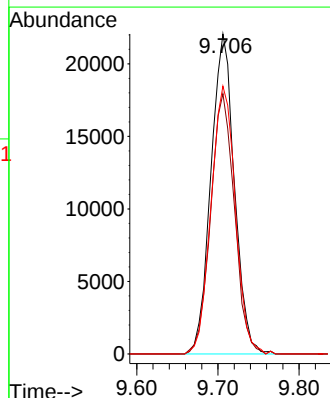
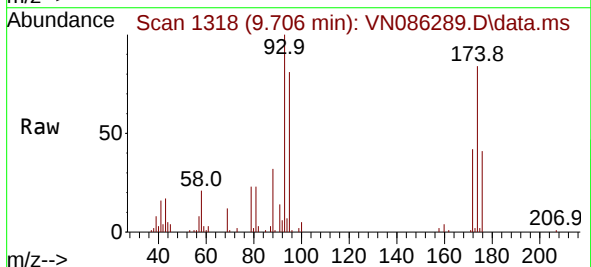
Tgt Ion: 93 Resp: 44348

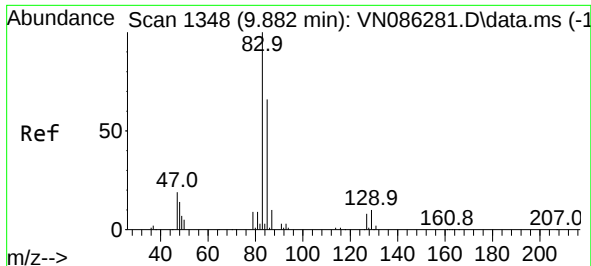
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

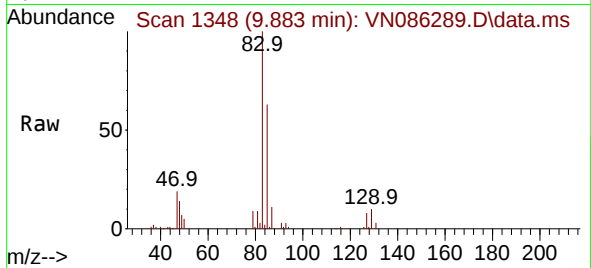
174 86.7 67.8 101.6





#47
Bromodichloromethane
Concen: 18.079 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

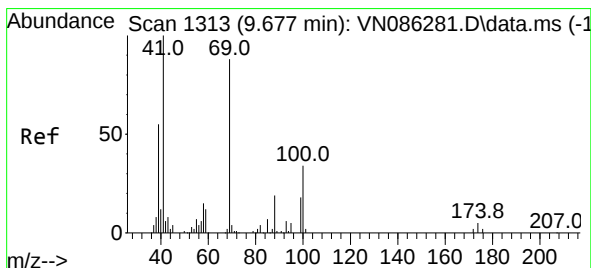
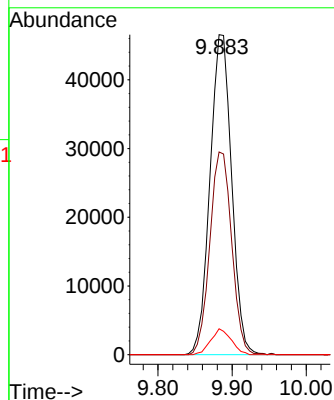
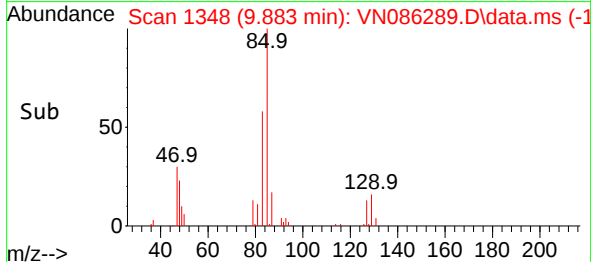
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



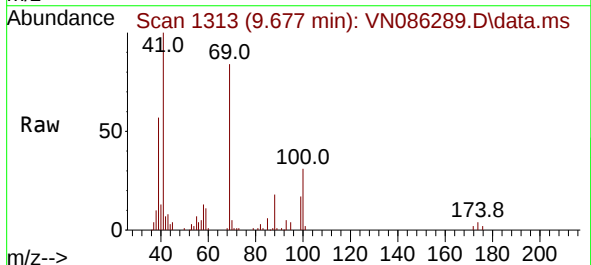
Tgt Ion: 83 Resp: 94500
Ion Ratio Lower Upper
83 100
85 63.4 52.6 78.8
127 8.1 6.1 9.1

Manual Integrations
APPROVED

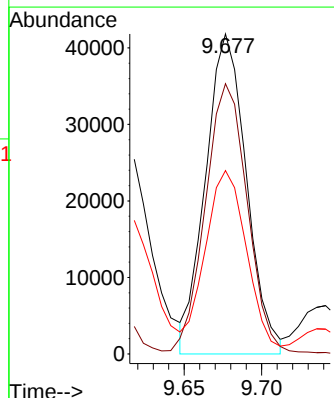
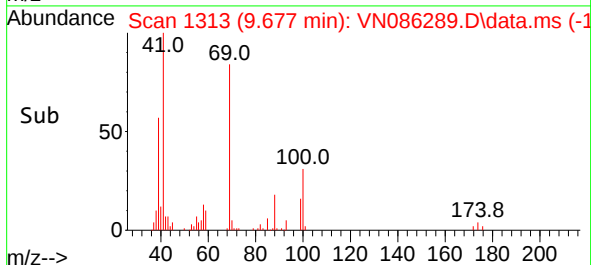
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

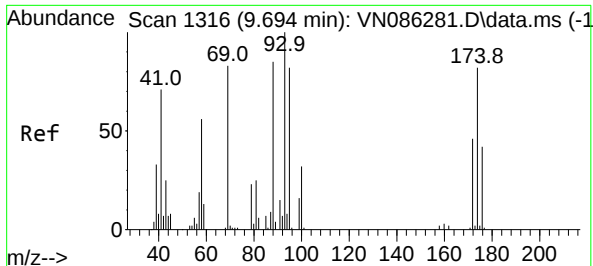


#48
Methyl methacrylate
Concen: 17.127 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



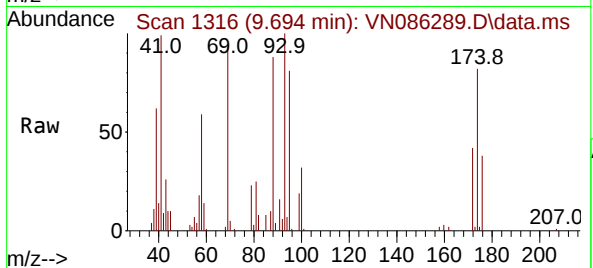
Tgt Ion: 41 Resp: 76692
Ion Ratio Lower Upper
41 100
69 87.5 68.2 102.2
39 58.8 45.2 67.8





#49
1,4-Dioxane
Concen: 360.936 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

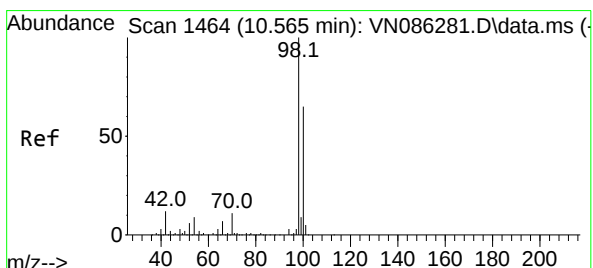
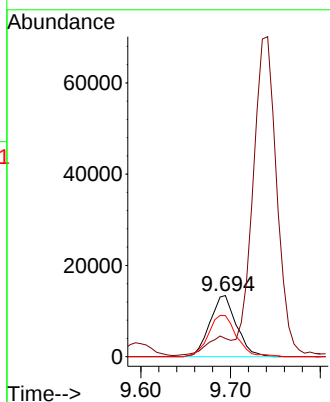
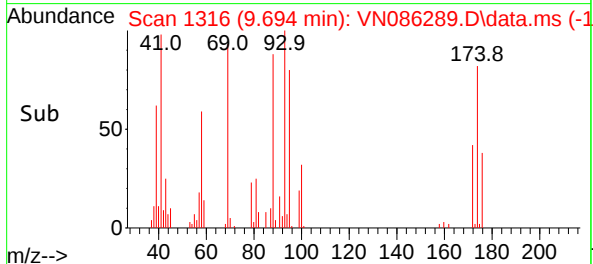
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 88 Resp: 27492
Ion Ratio Lower Upper
88 100
43 28.3 23.8 35.8
58 71.7 57.4 86.2

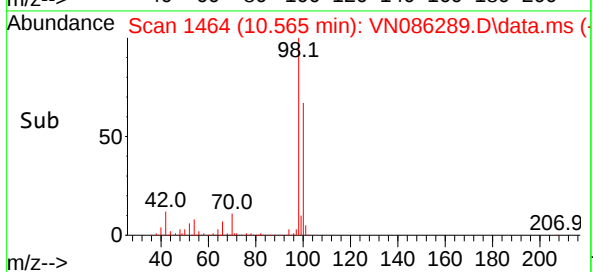
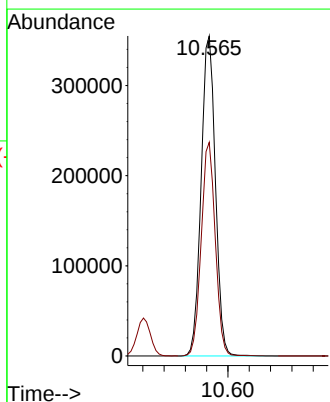
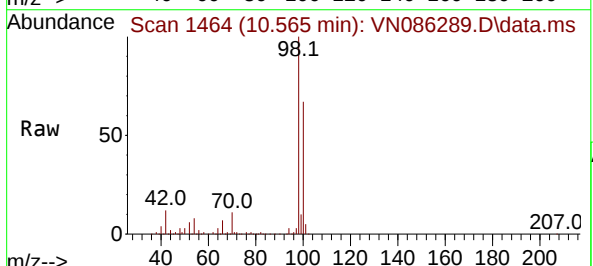
Manual Integrations
APPROVED

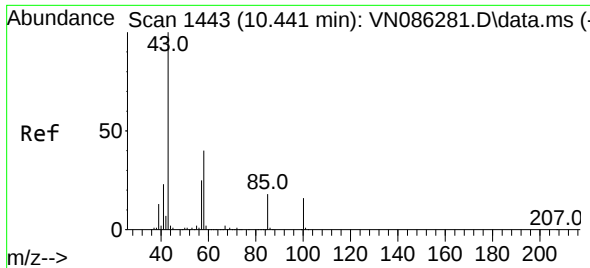
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#50
Toluene-d8
Concen: 50.809 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

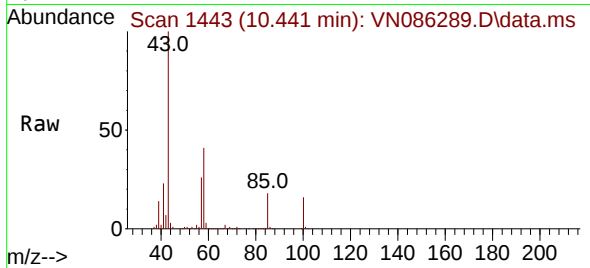
Tgt Ion: 98 Resp: 658487
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 89.934 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

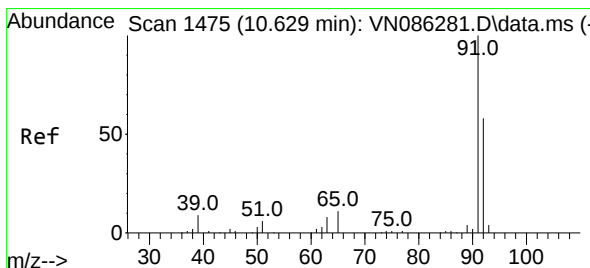
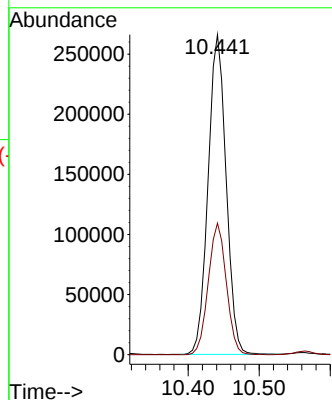
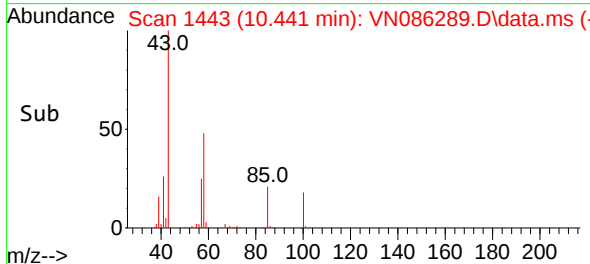
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



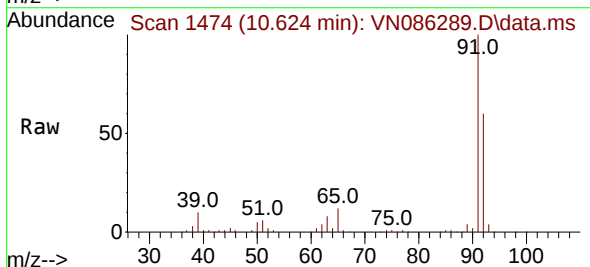
Tgt Ion: 43 Resp: 46959
Ion Ratio Lower Upper
43 100
58 41.1 32.2 48.4

Manual Integrations
APPROVED

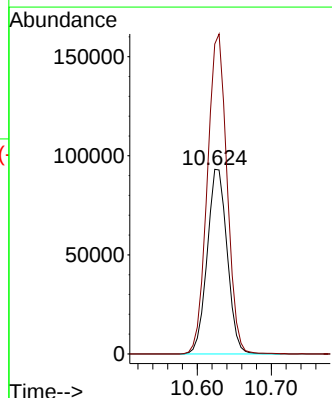
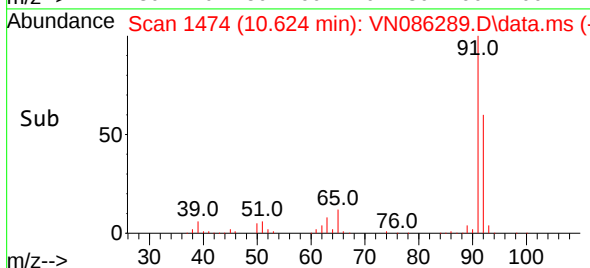
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

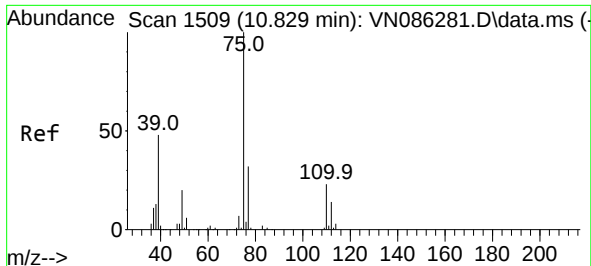


#52
Toluene
Concen: 18.029 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



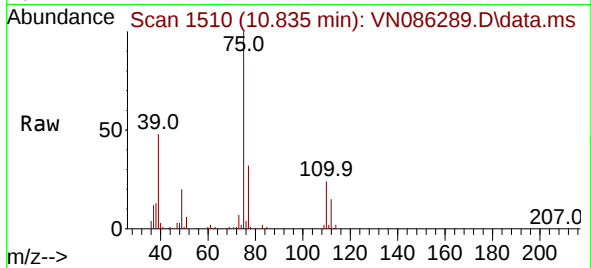
Tgt Ion: 92 Resp: 174573
Ion Ratio Lower Upper
92 100
91 170.9 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 18.151 ug/l
RT: 10.835 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

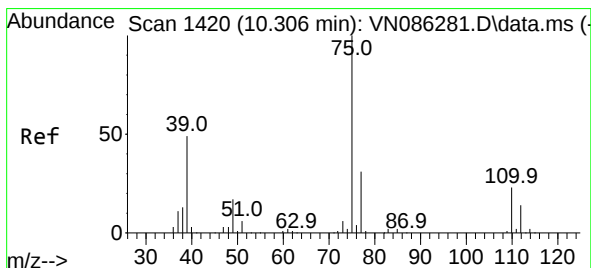
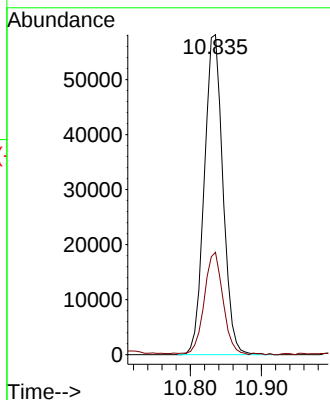
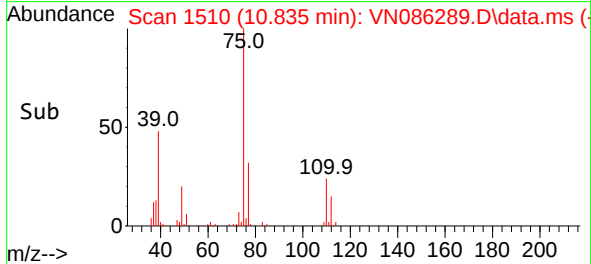
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 75 Resp: 105914
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

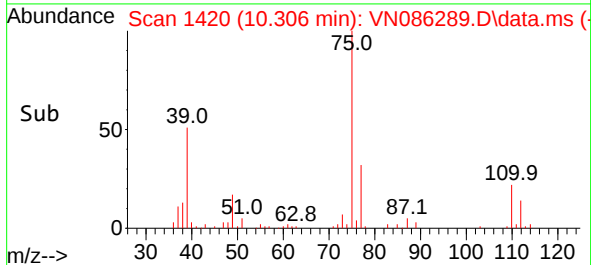
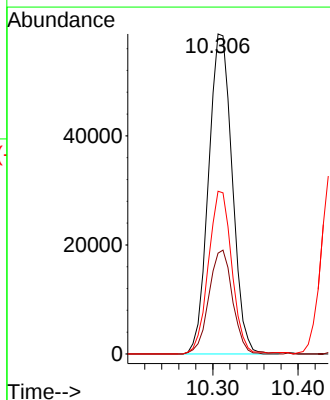
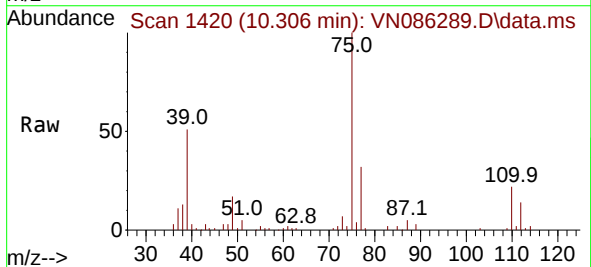
Manual Integrations
APPROVED

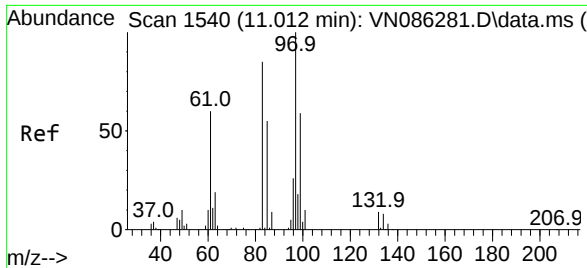
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#54
cis-1,3-Dichloropropene
Concen: 17.722 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

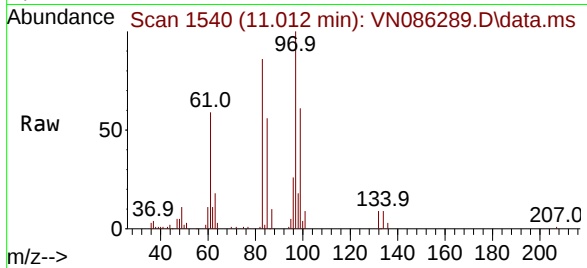
Tgt Ion: 75 Resp: 113584
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 50.9 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 17.895 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

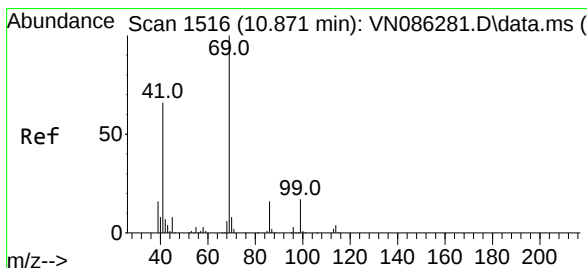
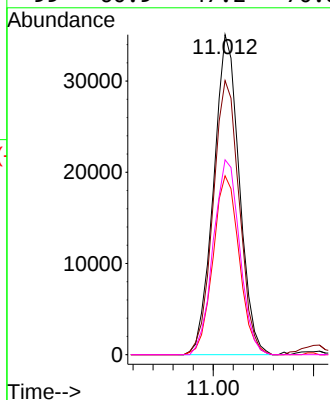
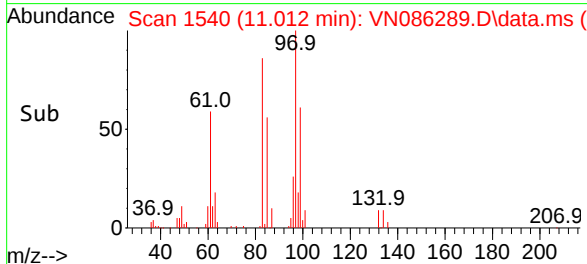
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



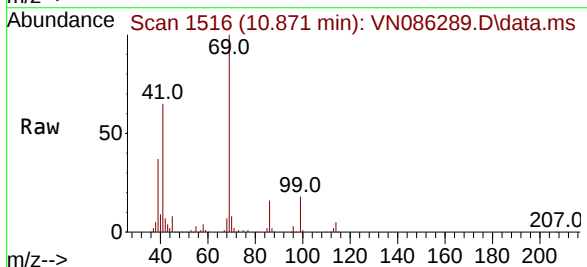
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.4	102.6
85	55.9	43.9	65.9
99	60.9	47.2	70.8

Manual Integrations
APPROVED

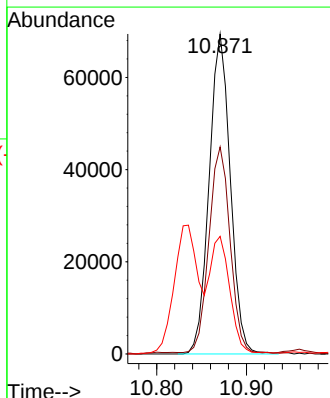
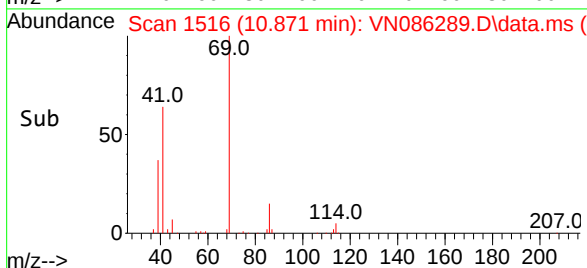
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

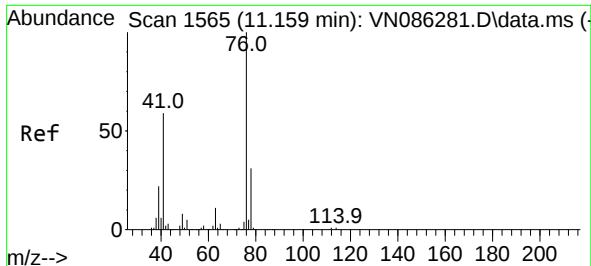


#56
Ethyl methacrylate
Concen: 17.763 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



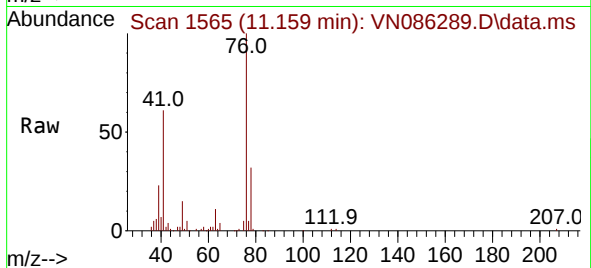
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.7	77.5
39	33.9	26.3	39.5





#57
1,3-Dichloropropane
Concen: 17.939 ug/l
RT: 11.159 min Scan# 110884
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

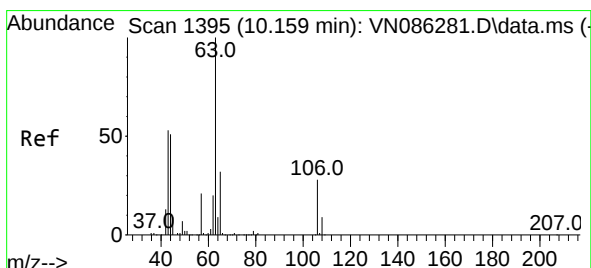
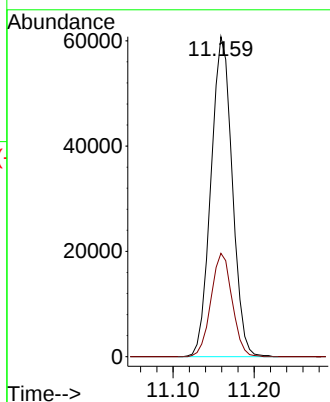
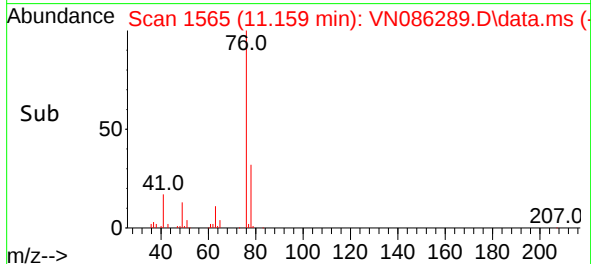
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



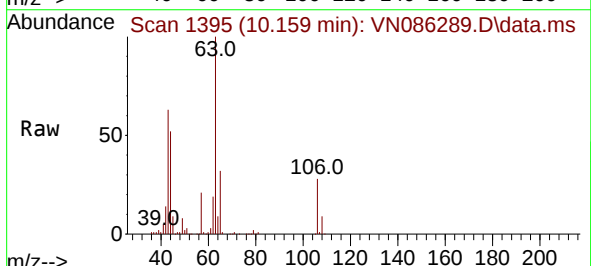
Tgt Ion: 76 Resp: 110884
Ion Ratio Lower Upper
76 100
78 32.0 25.6 38.4

Manual Integrations
APPROVED

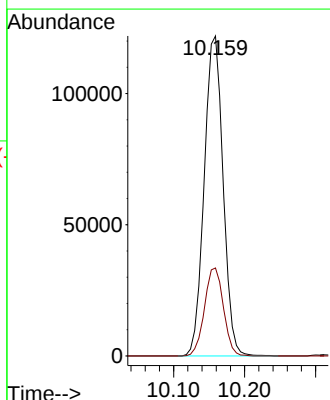
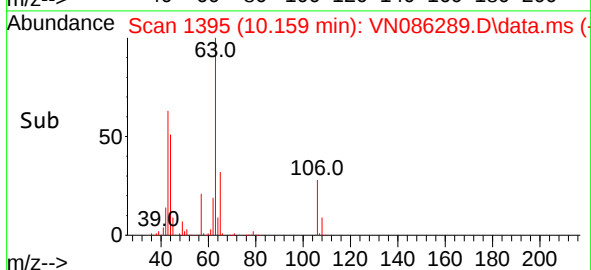
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

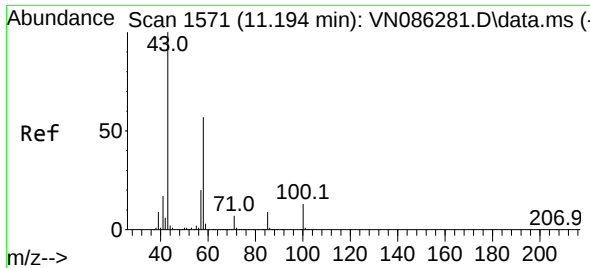


#58
2-Chloroethyl Vinyl ether
Concen: 74.181 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



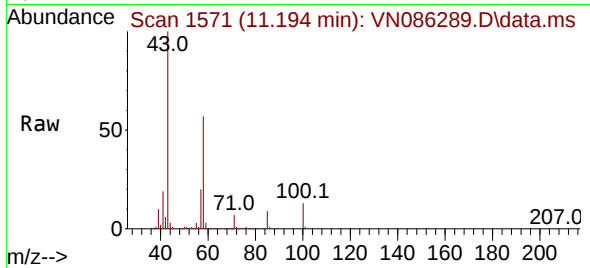
Tgt Ion: 63 Resp: 225469
Ion Ratio Lower Upper
63 100
106 27.6 22.2 33.2





#59
2-Hexanone
Concen: 92.611 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

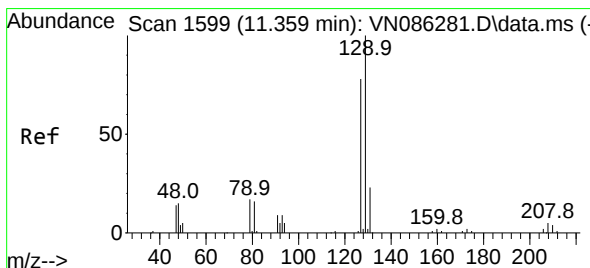
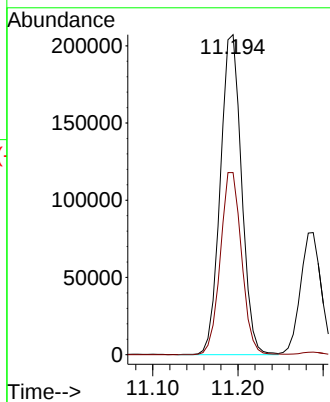
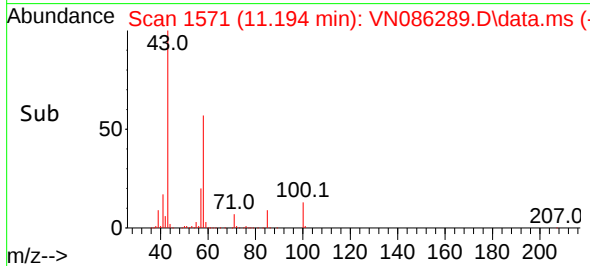
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 43 Resp: 35868
Ion Ratio Lower Upper
43 100
58 57.0 28.3 85.0

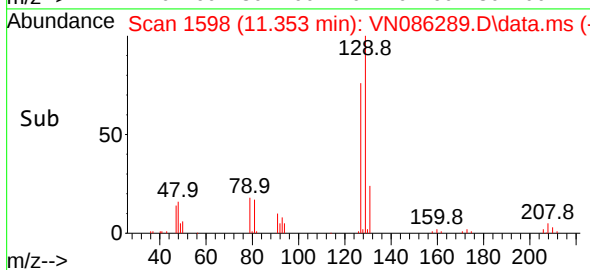
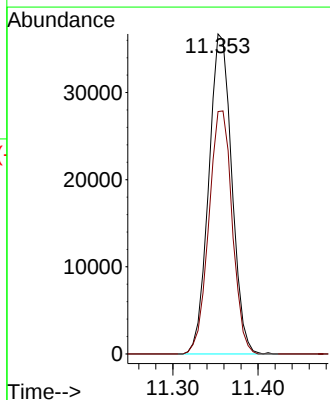
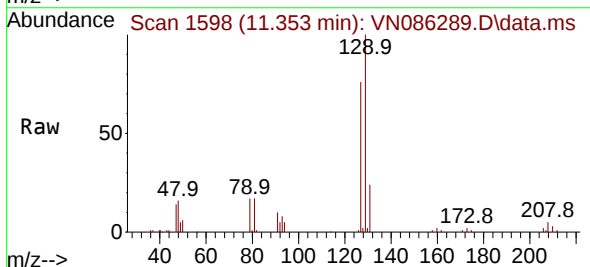
Manual Integrations
APPROVED

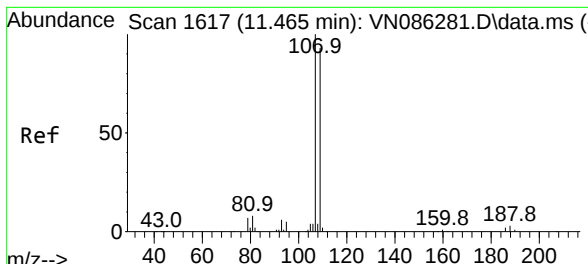
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#60
Dibromochloromethane
Concen: 18.045 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion:129 Resp: 69031
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





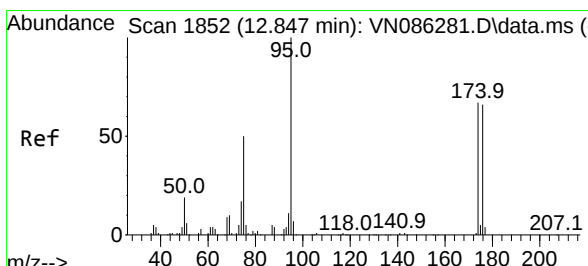
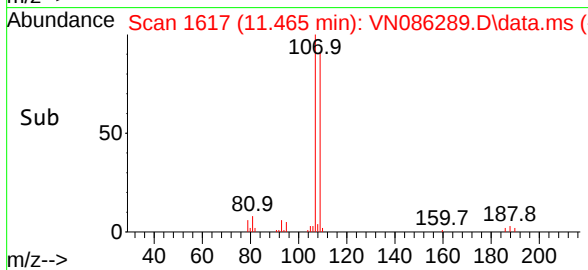
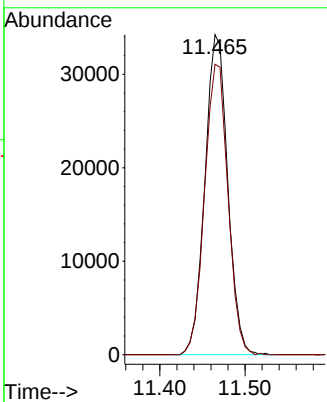
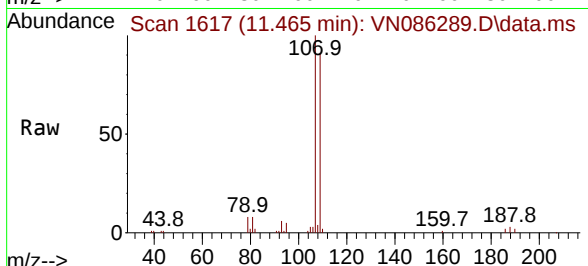
#61
 1,2-Dibromoethane
 Concen: 18.134 ug/l
 RT: 11.465 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52

Instrument : MSVOA_N
 ClientSampleId : VN0416WBS01

Tgt Ion:	107	Resp:	63744
Ion Ratio	Lower	Upper	
107	100		
109	93.0	75.4	113.0

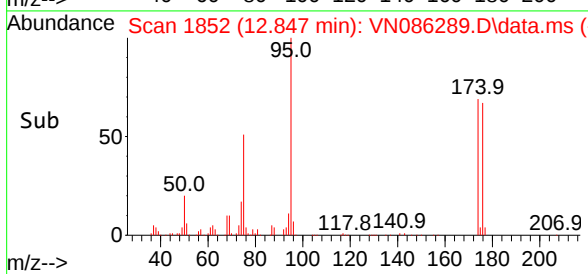
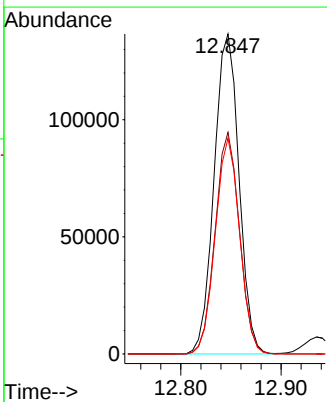
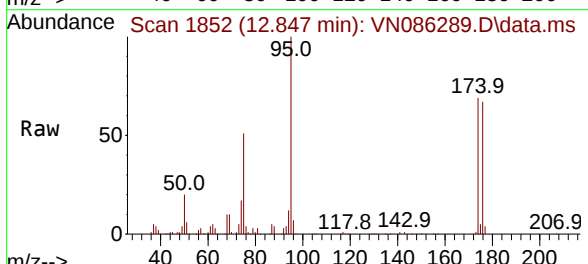
Manual Integrations
 APPROVED

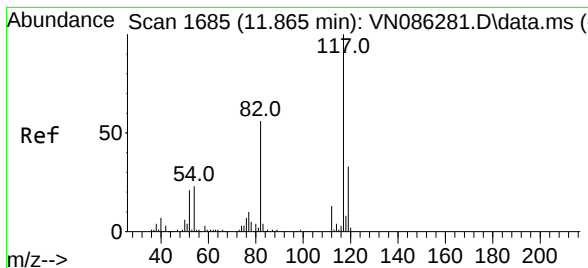
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#62
 4-Bromofluorobenzene
 Concen: 49.777 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52

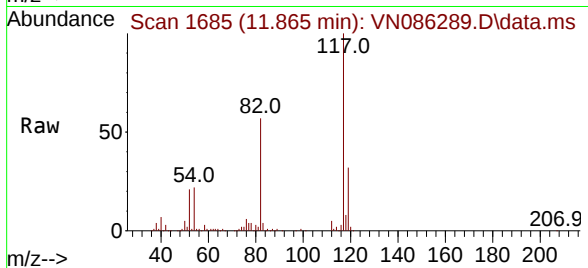
Tgt Ion:	95	Resp:	235301
Ion Ratio	Lower	Upper	
95	100		
174	67.8	0.0	133.4
176	66.0	0.0	129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

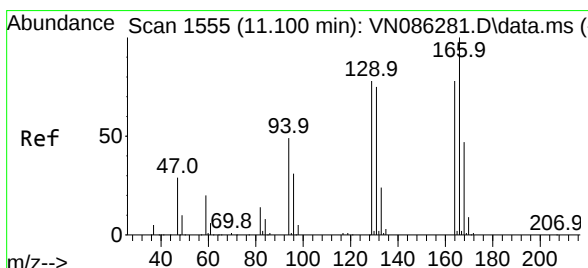
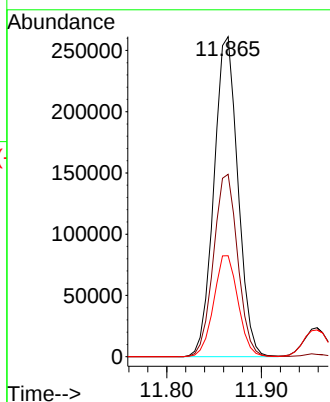
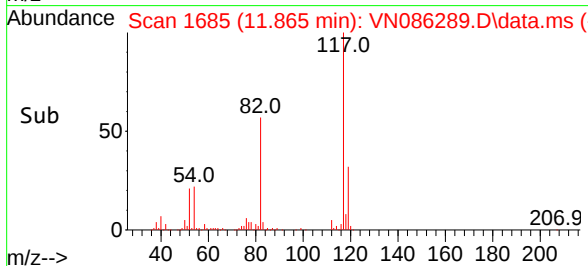
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



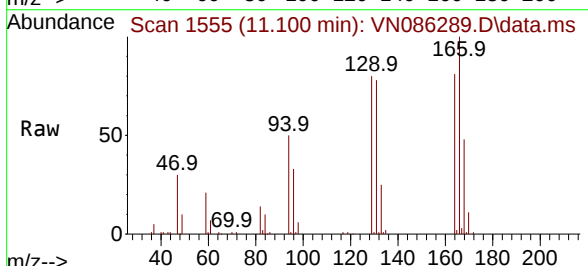
Tgt Ion:117 Resp: 46015
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 31.6 26.4 39.6

Manual Integrations
APPROVED

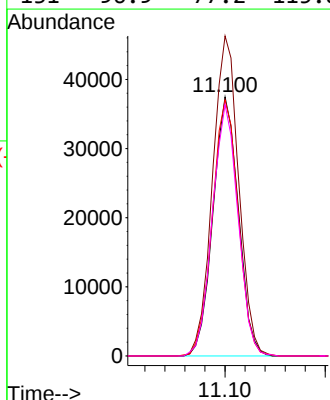
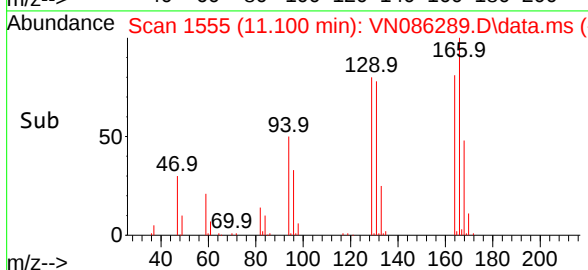
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

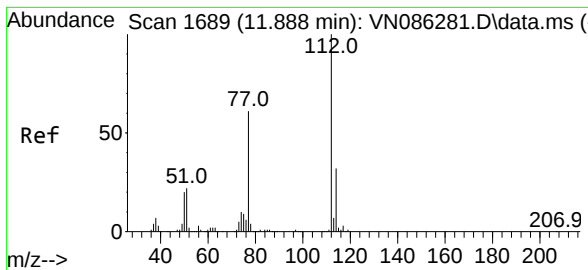


#64
Tetrachloroethene
Concen: 18.639 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



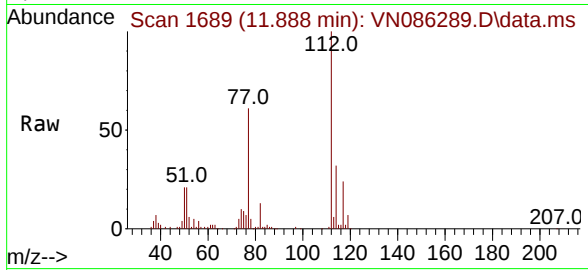
Tgt Ion:164 Resp: 65974
Ion Ratio Lower Upper
164 100
166 123.5 103.0 154.4
129 98.7 80.1 120.1
131 96.9 77.2 115.8





#65
Chlorobenzene
Concen: 17.923 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

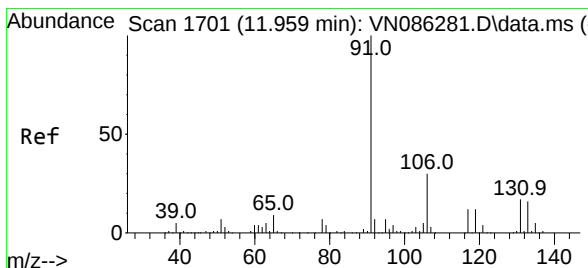
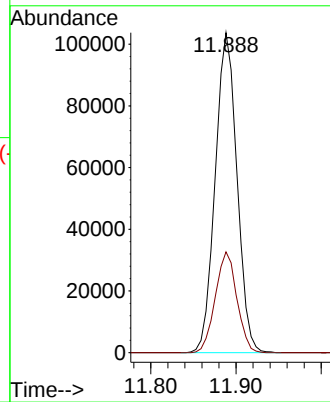
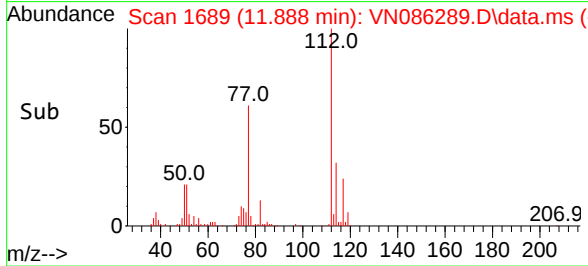
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



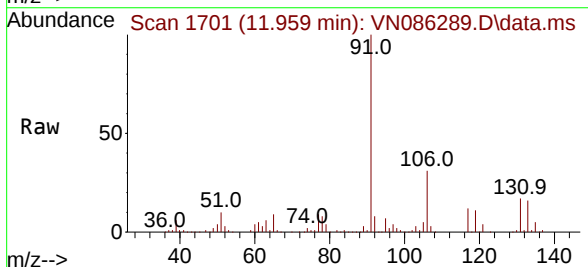
Tgt Ion:112 Resp: 18405
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

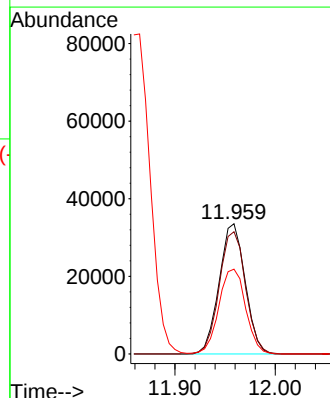
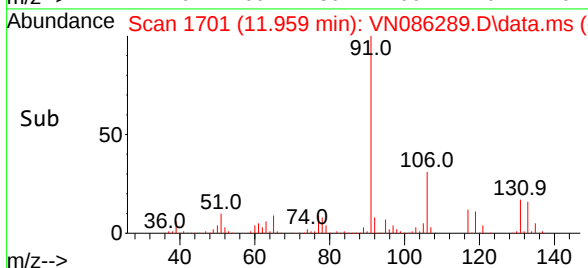
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

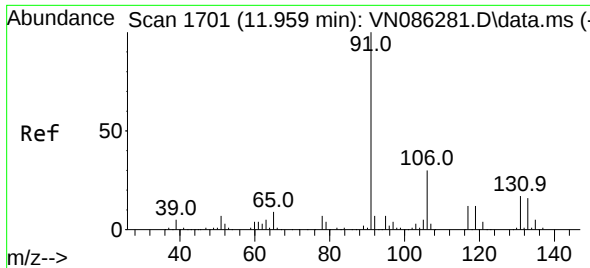


#66
1,1,1,2-Tetrachloroethane
Concen: 17.852 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



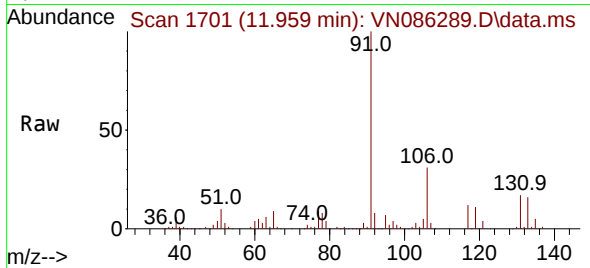
Tgt Ion:131 Resp: 60477
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.3
119 67.0 33.8 101.4





#67
Ethyl Benzene
Concen: 17.959 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

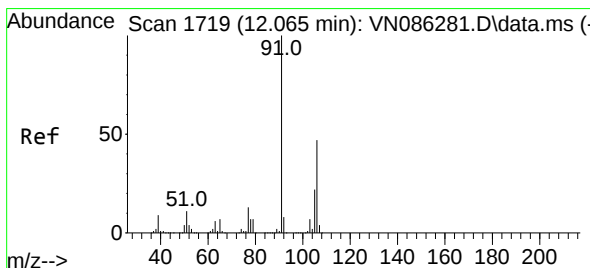
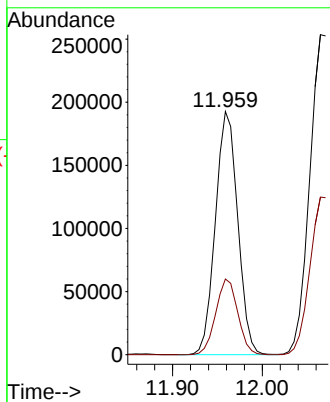
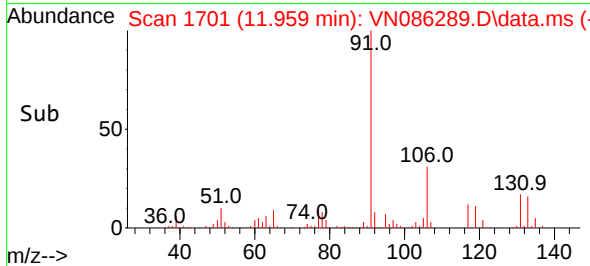
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



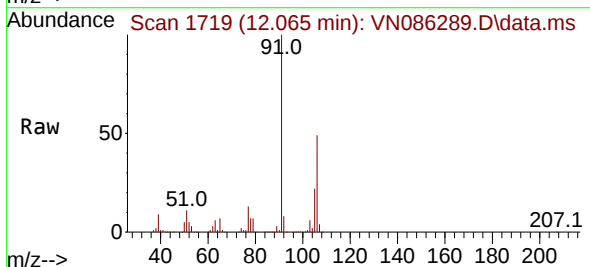
Tgt Ion: 91 Resp: 332795
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5

Manual Integrations
APPROVED

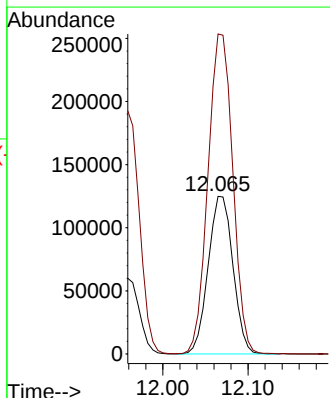
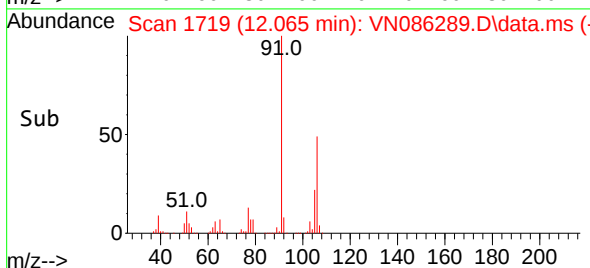
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

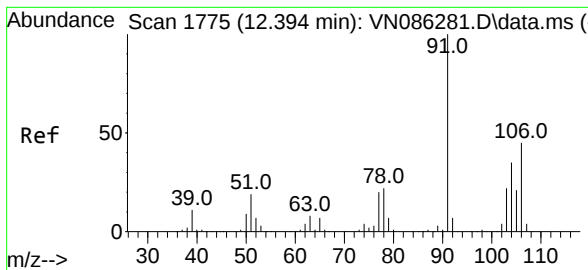


#68
m/p-Xylenes
Concen: 36.335 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



Tgt Ion:106 Resp: 252292
Ion Ratio Lower Upper
106 100
91 203.6 166.5 249.7





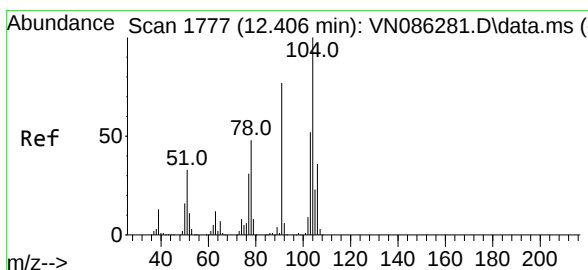
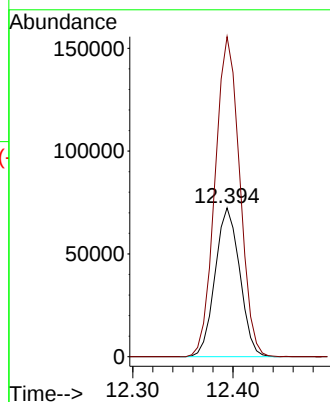
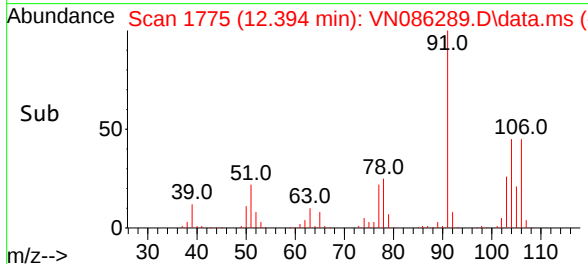
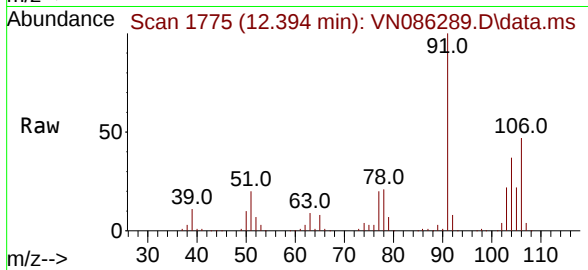
#69
o-Xylene
Concen: 17.991 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Tgt Ion:106 Resp: 123540
Ion Ratio Lower Upper
106 100
91 215.6 109.7 329.0

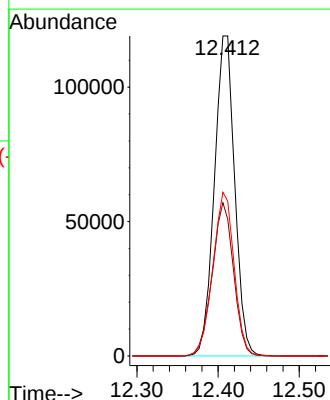
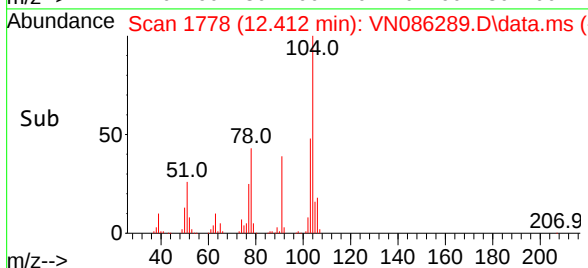
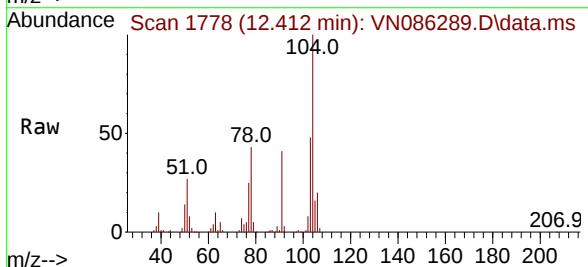
Manual Integrations
APPROVED

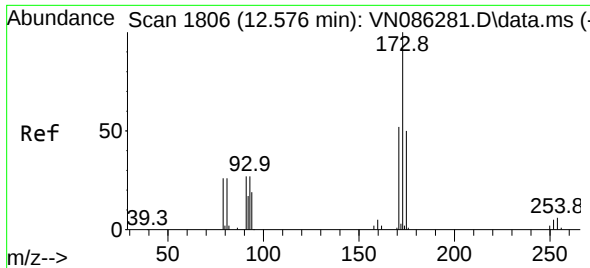
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#70
Styrene
Concen: 18.137 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

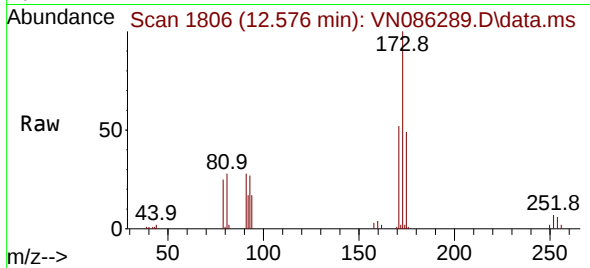
Tgt Ion:104 Resp: 207507
Ion Ratio Lower Upper
104 100
78 50.0 40.6 61.0
103 53.6 43.6 65.4





#71
Bromoform
Concen: 18.067 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

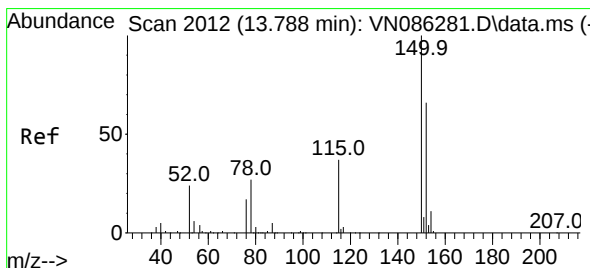
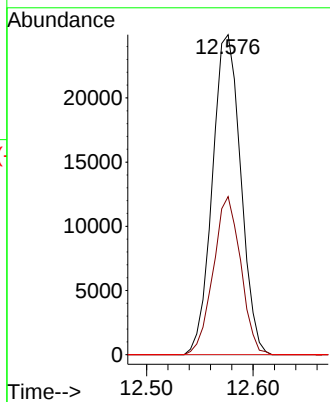
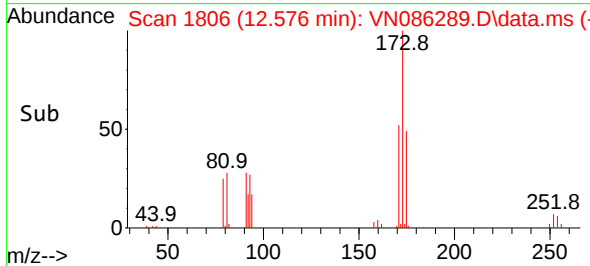
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



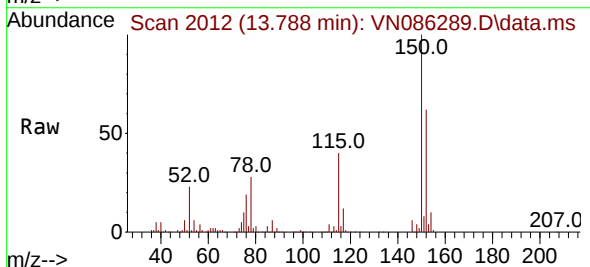
Tgt Ion:173 Resp: 4608
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

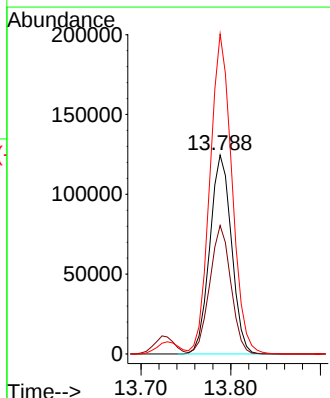
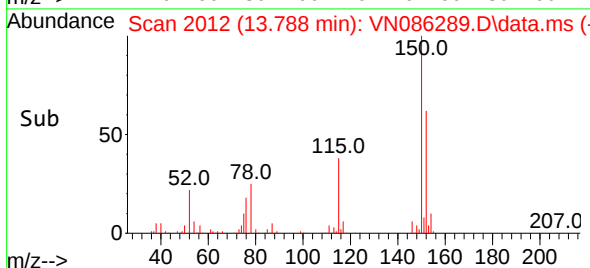
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

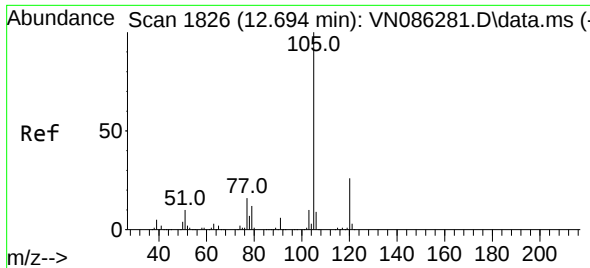


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



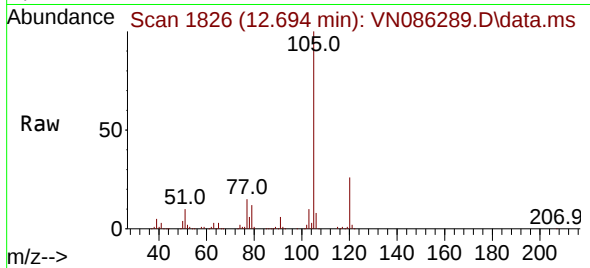
Tgt Ion:152 Resp: 208645
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.9
150 163.6 0.0 352.0





#73
Isopropylbenzene
Concen: 17.829 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

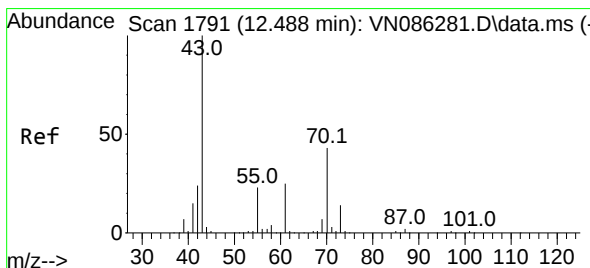
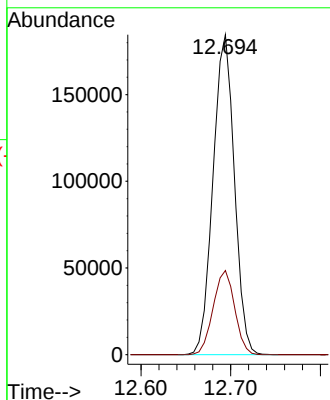
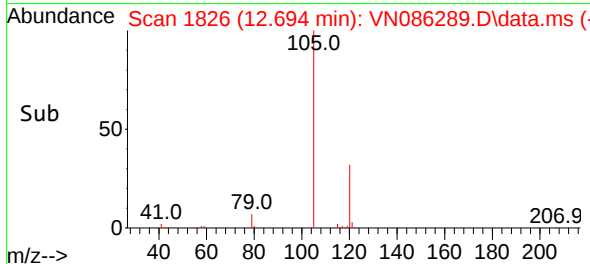
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 105 Resp: 30430
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

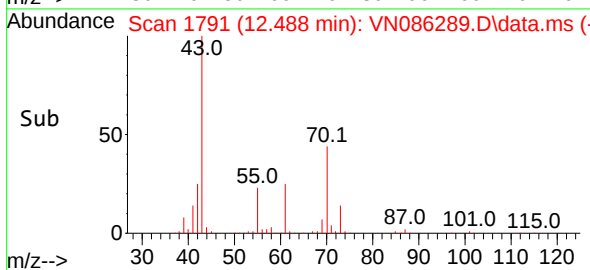
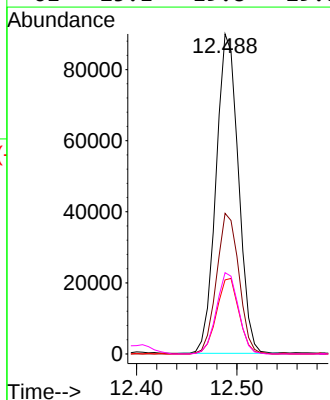
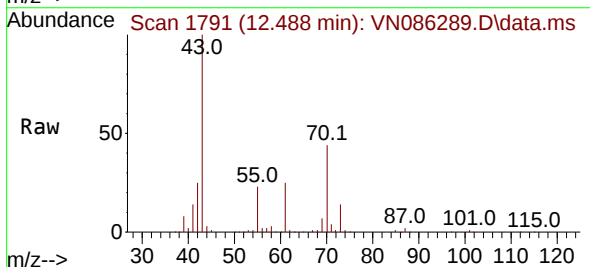
Manual Integrations
APPROVED

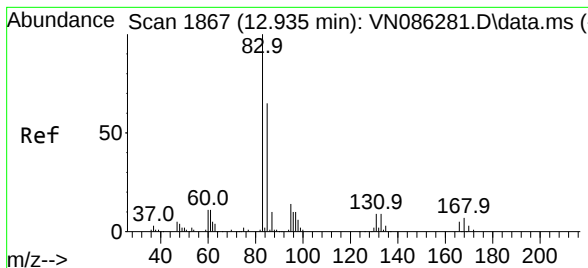
Reviewed By : John Carlone 04/17/2025
Supervised By : Mahesh Dadoda 04/17/2025



#74
N-ethyl acetate
Concen: 16.378 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion: 43 Resp: 139157
Ion Ratio Lower Upper
43 100
70 44.0 35.0 52.4
55 23.8 19.0 28.4
61 25.1 19.8 29.8





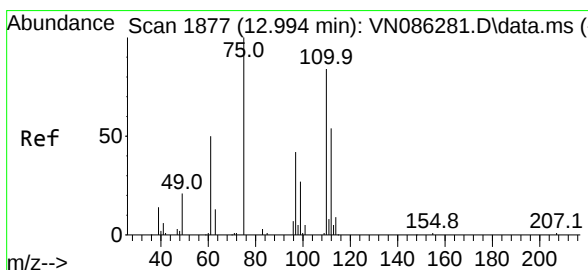
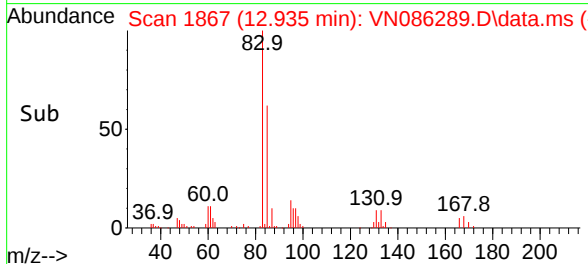
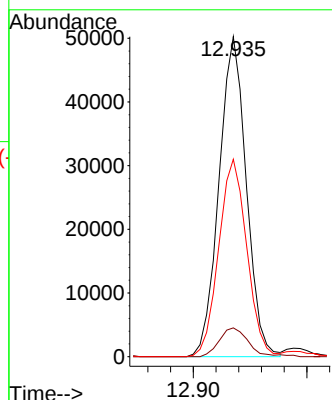
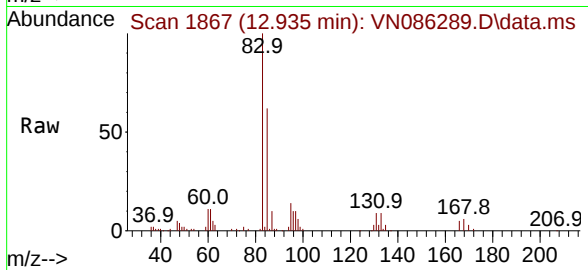
#75
1,1,2,2-Tetrachloroethane
Concen: 17.086 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Tgt Ion: 83 Resp: 8384
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 63.5 32.7 98.1

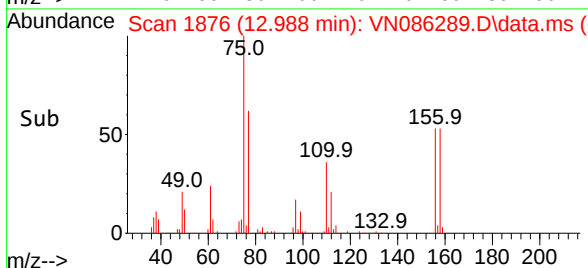
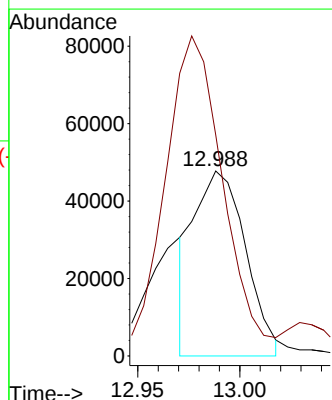
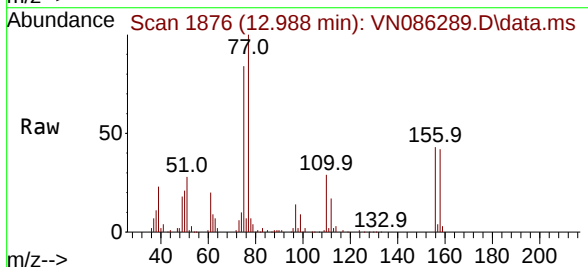
Manual Integrations
APPROVED

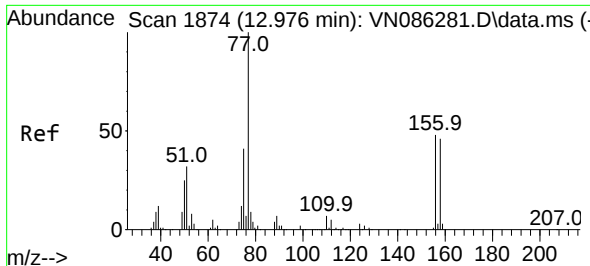
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#76
1,2,3-Trichloropropane
Concen: 17.073 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion: 75 Resp: 84064
Ion Ratio Lower Upper
75 100
77 195.7 98.8 296.4





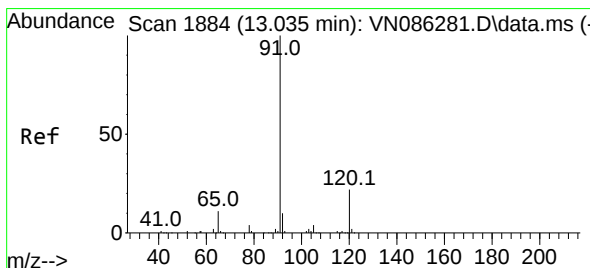
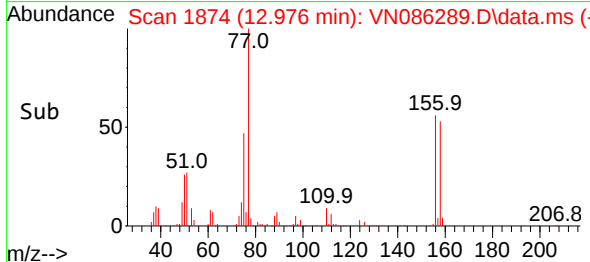
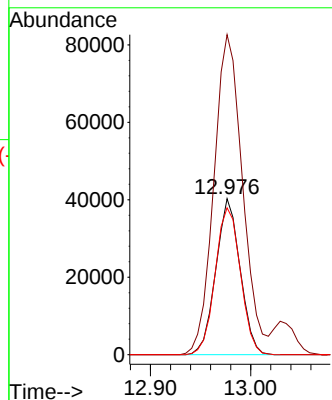
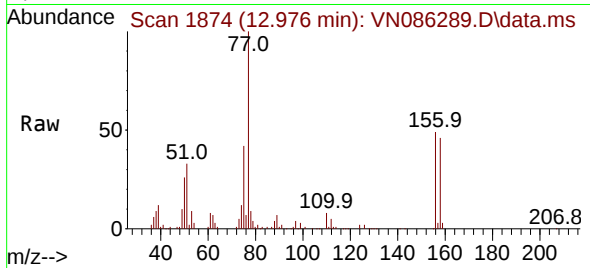
#77
Bromobenzene
Concen: 17.946 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Tgt Ion:156 Resp: 6786
Ion Ratio Lower Upper
156 100
77 242.4 121.1 363.1
158 97.6 47.9 143.6

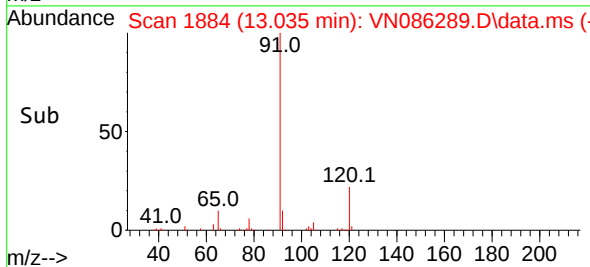
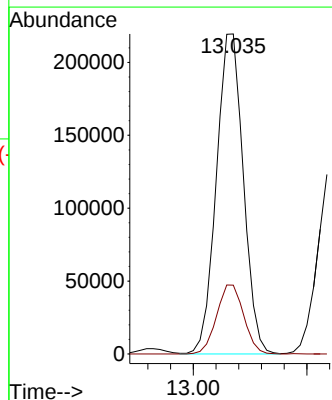
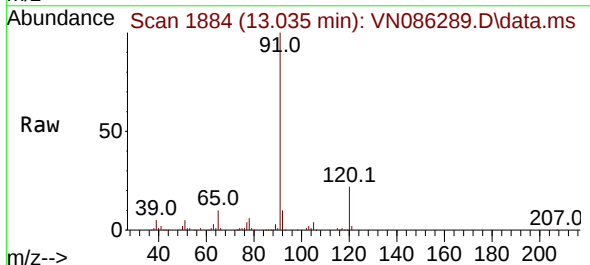
Manual Integrations
APPROVED

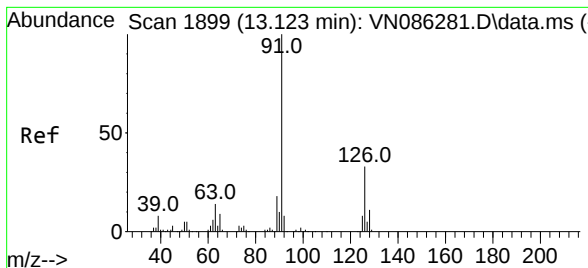
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#78
n-propylbenzene
Concen: 18.018 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion: 91 Resp: 362369
Ion Ratio Lower Upper
91 100
120 21.6 11.1 33.3





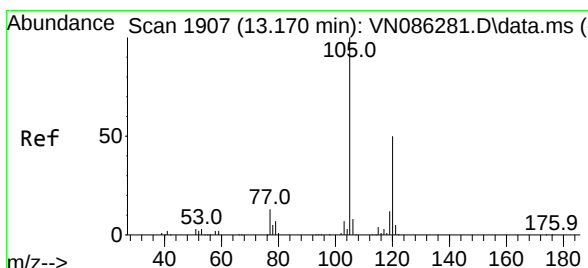
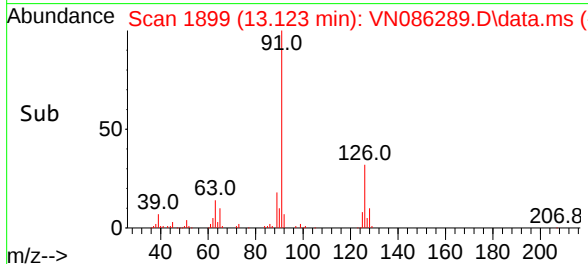
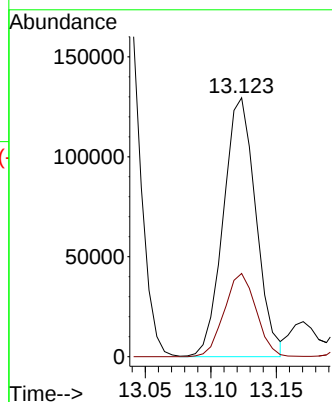
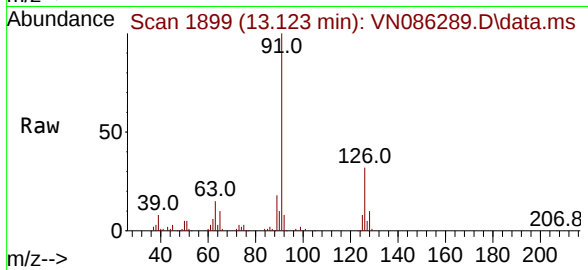
#79
2-Chlorotoluene
Concen: 17.790 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Tgt Ion: 91 Resp: 223889
Ion Ratio Lower Upper
91 100
126 31.4 16.1 48.2

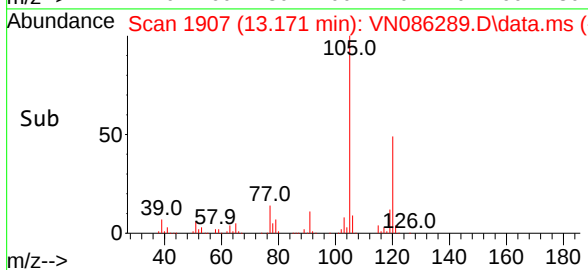
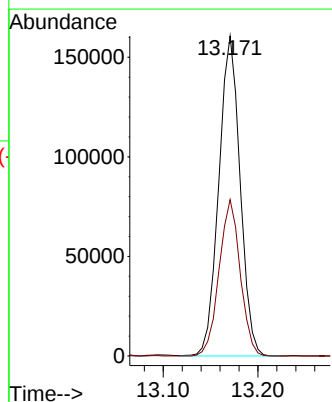
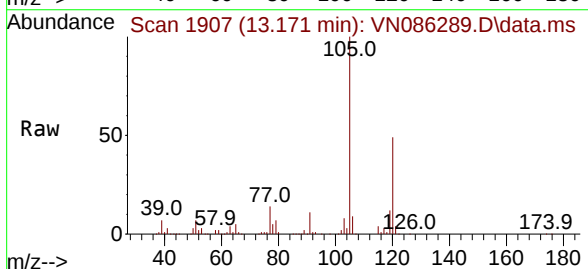
Manual Integrations
APPROVED

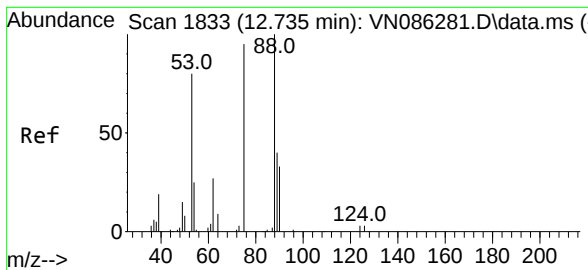
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.981 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

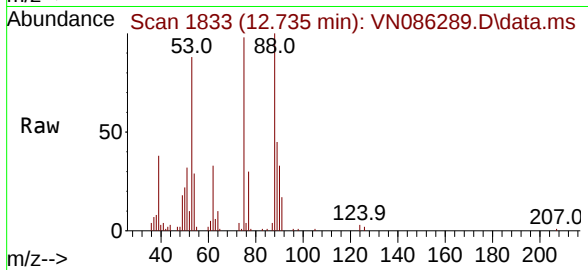
Tgt Ion:105 Resp: 251187
Ion Ratio Lower Upper
105 100
120 48.3 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.443 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

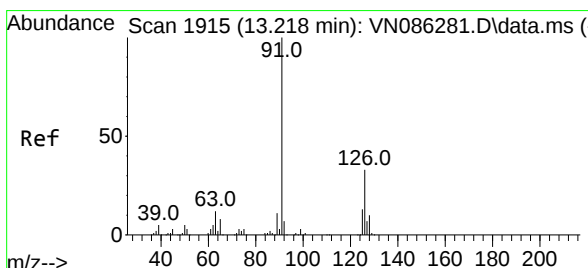
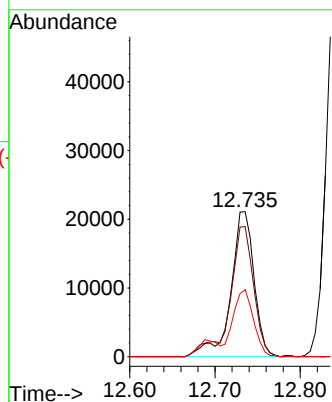
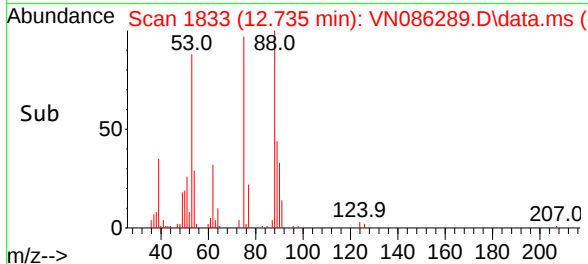
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 75 Resp: 3986
Ion Ratio Lower Upper
75 100
53 92.1 79.2 118.8
89 41.4 35.7 53.5

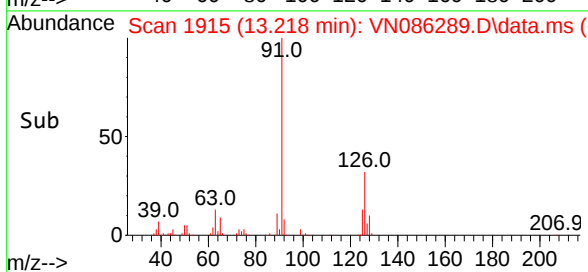
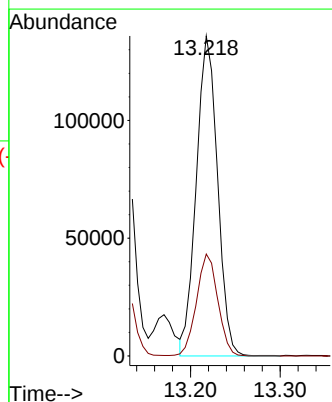
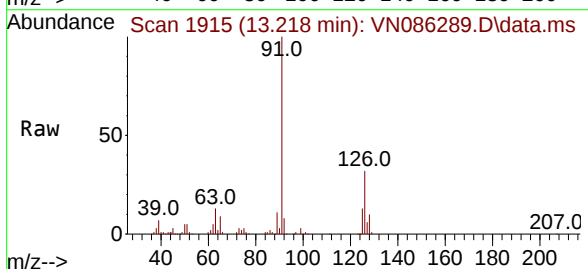
Manual Integrations
APPROVED

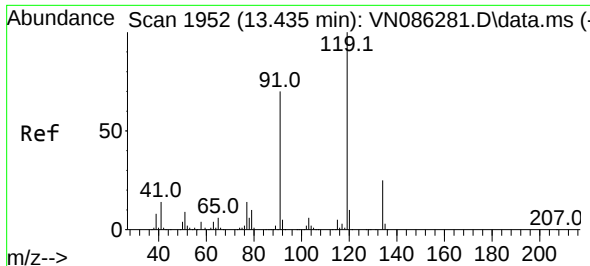
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#82
4-Chlorotoluene
Concen: 17.831 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion: 91 Resp: 222909
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6





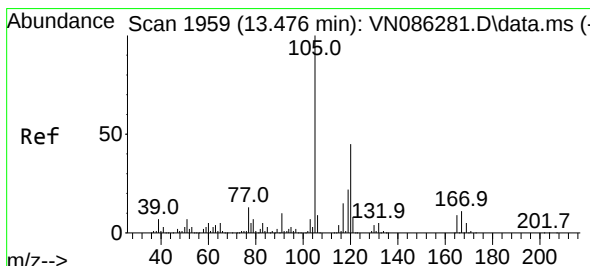
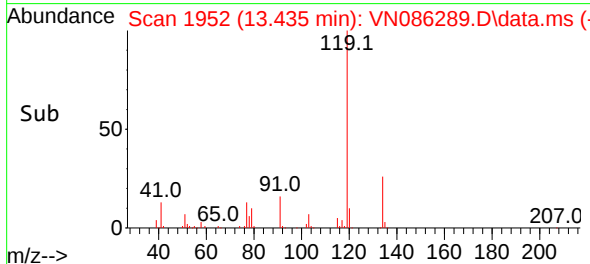
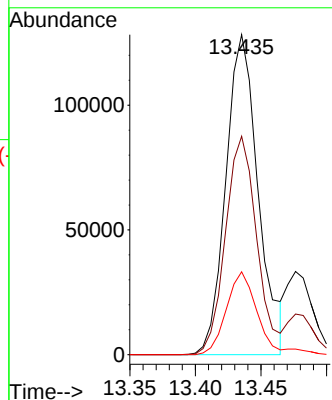
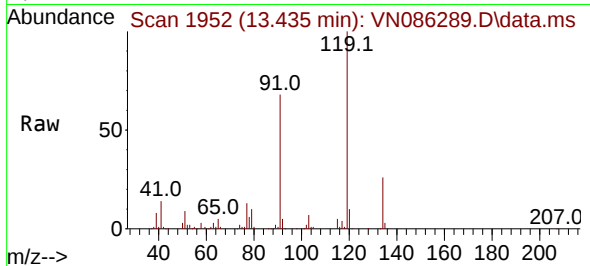
#83
tert-Butylbenzene
Concen: 18.186 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01

Tgt Ion:119 Resp: 22012
Ion Ratio Lower Upper
119 100
91 66.2 34.4 103.3
134 25.2 13.0 39.0

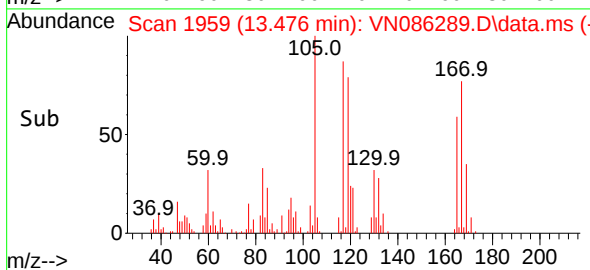
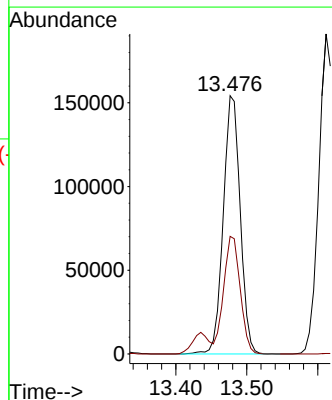
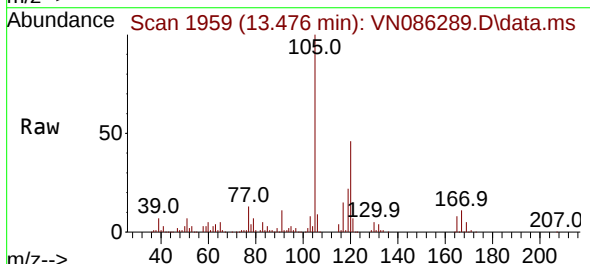
Manual Integrations
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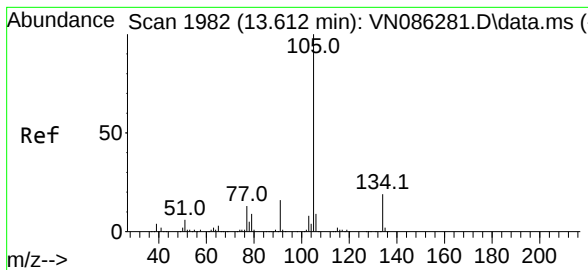
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#84
1,2,4-Trimethylbenzene
Concen: 17.909 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion:105 Resp: 254651
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3





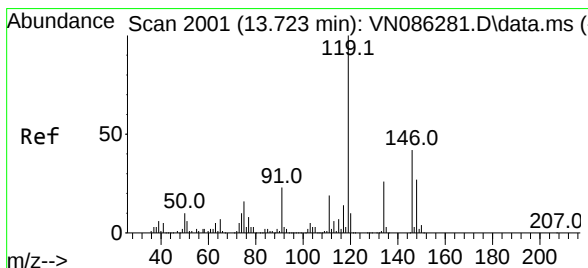
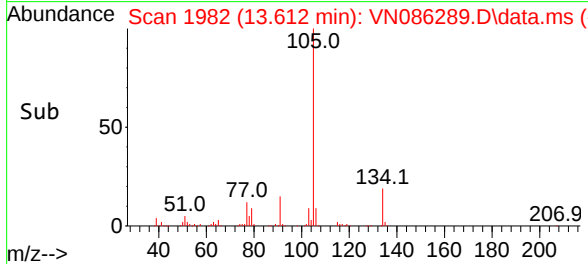
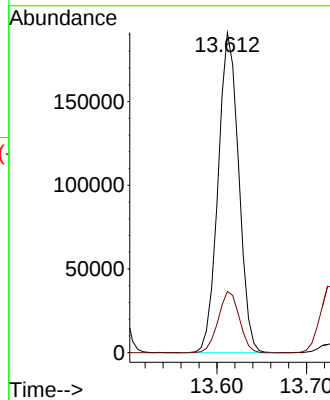
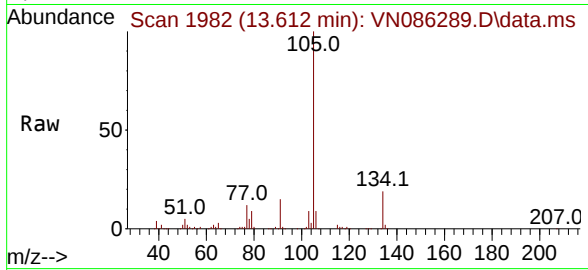
#85
 sec-Butylbenzene
 Concen: 18.159 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01

Tgt Ion:105 Resp: 30487
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

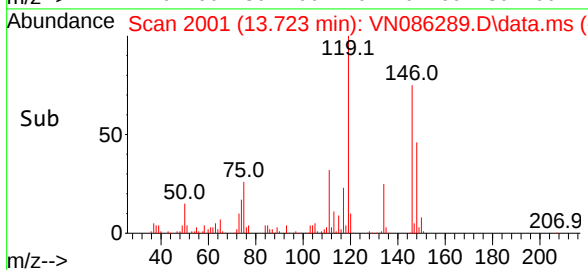
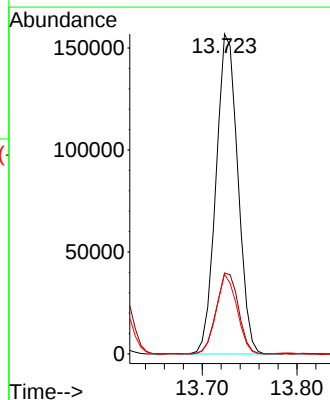
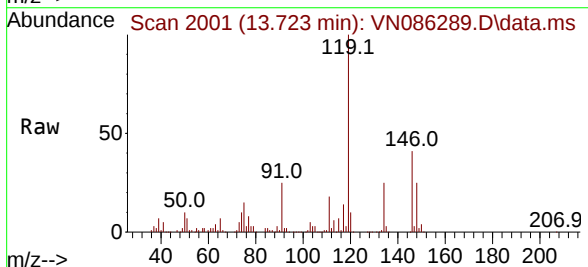
Manual Integrations
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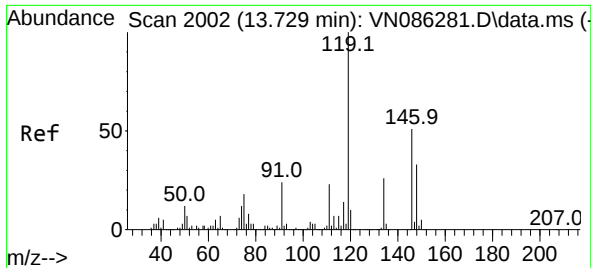
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#86
 p-Isopropyltoluene
 Concen: 18.177 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52

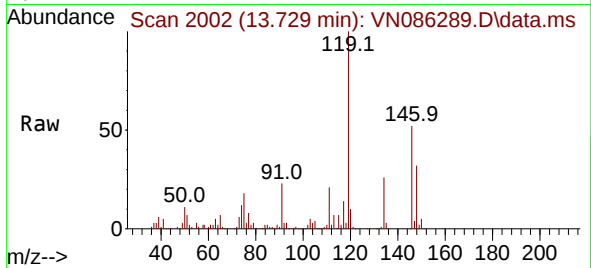
Tgt Ion:119 Resp: 251538
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 23.8 11.9 35.9





#87
 1,3-Dichlorobenzene
 Concen: 17.998 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52

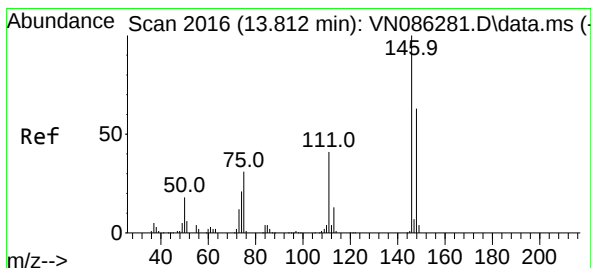
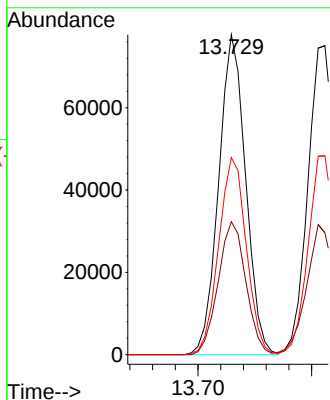
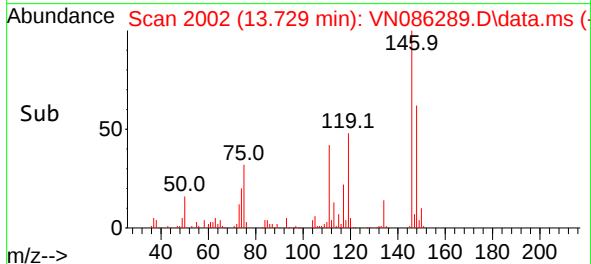
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS01



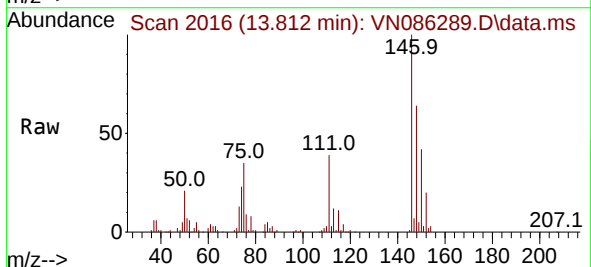
Tgt Ion:146 Resp: 12795
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.9 65.7
 148 63.3 31.9 95.5

Manual Integrations
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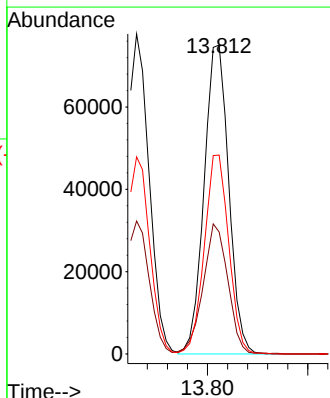
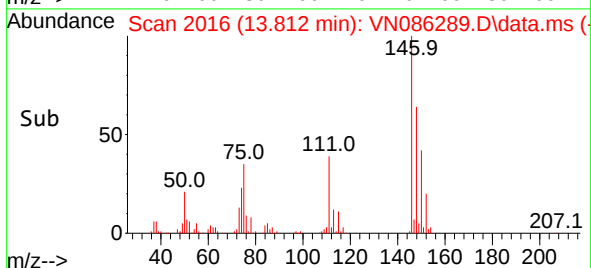
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#88
 1,4-Dichlorobenzene
 Concen: 17.933 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN086289.D
 Acq: 16 Apr 2025 11:52



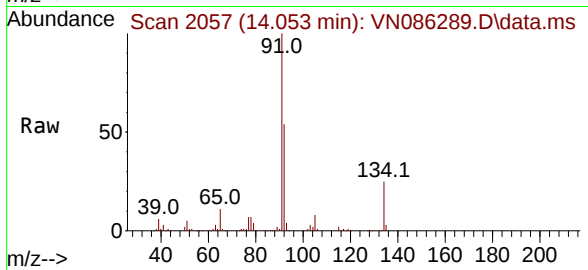
Tgt Ion:146 Resp: 128408
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.9
 148 63.8 31.9 95.9





#89
n-Butylbenzene
Concen: 18.579 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

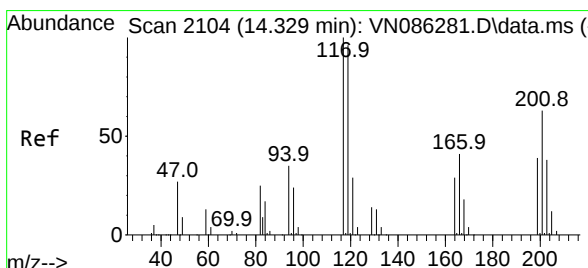
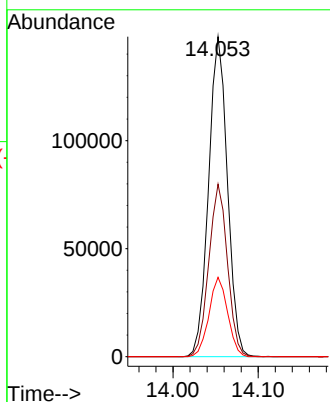
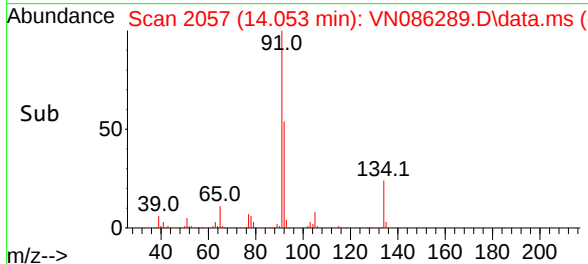
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion: 91 Resp: 227898
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.4
134 24.6 12.2 36.6

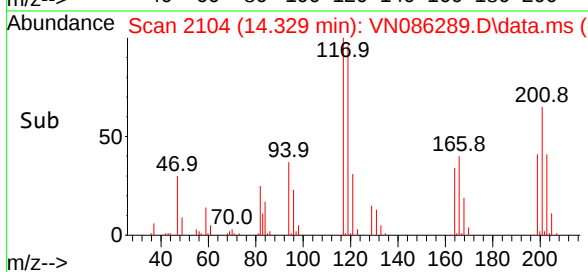
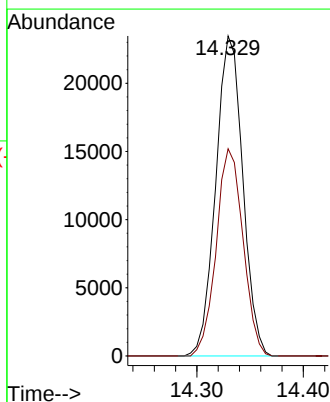
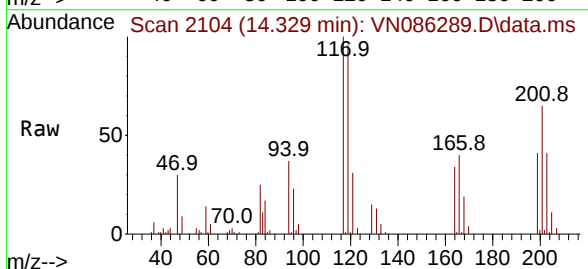
Manual Integrations
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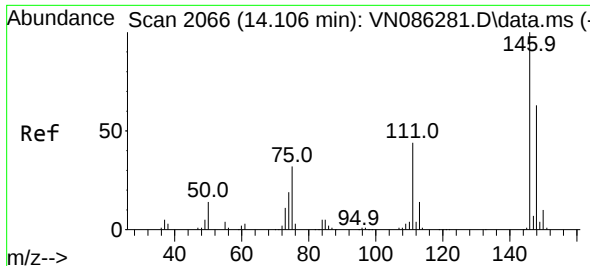
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#90
Hexachloroethane
Concen: 17.753 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

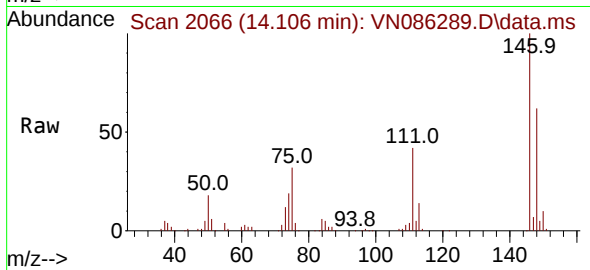
Tgt Ion:117 Resp: 41324
Ion Ratio Lower Upper
117 100
201 64.1 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 17.926 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

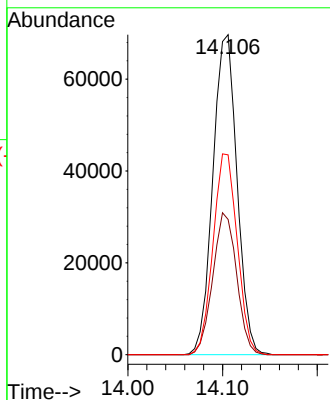
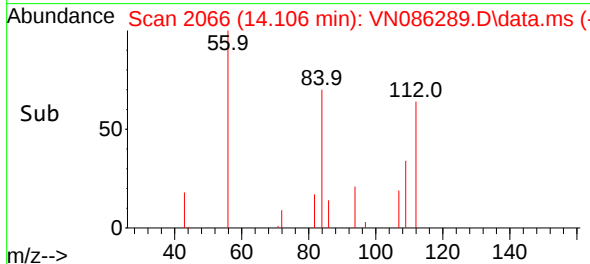
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



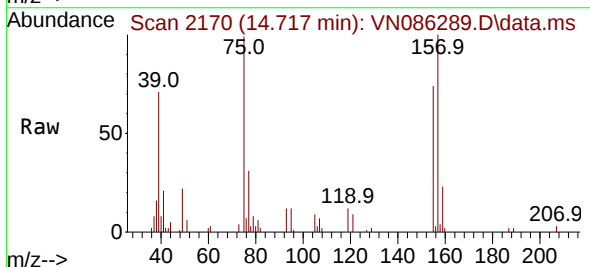
Tgt Ion:146 Resp: 123552
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 62.9 31.8 95.4

Manual Integrations
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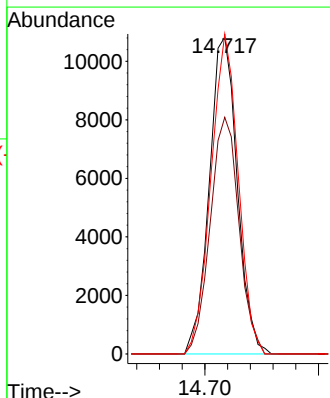
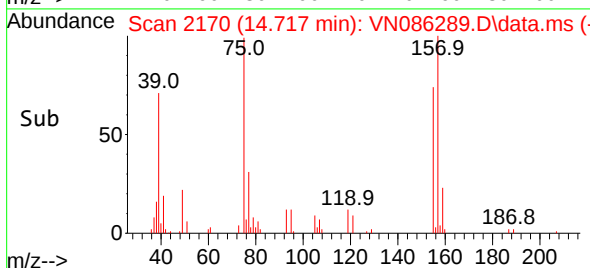
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

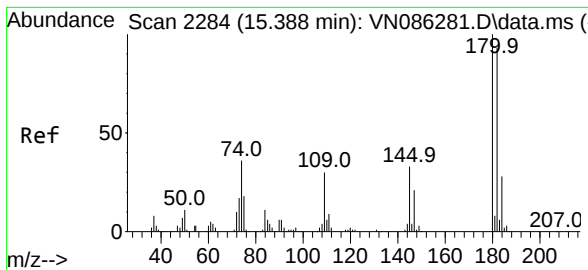


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.727 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



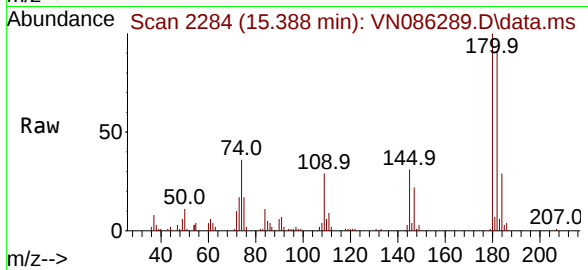
Tgt Ion: 75 Resp: 18530
Ion Ratio Lower Upper
75 100
155 76.7 40.3 120.9
157 98.3 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 19.355 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

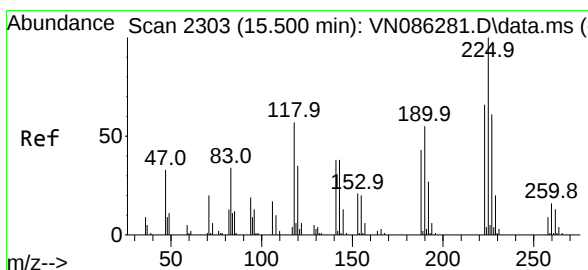
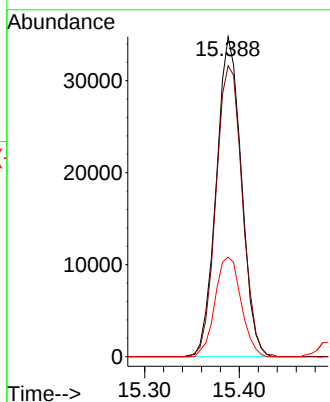
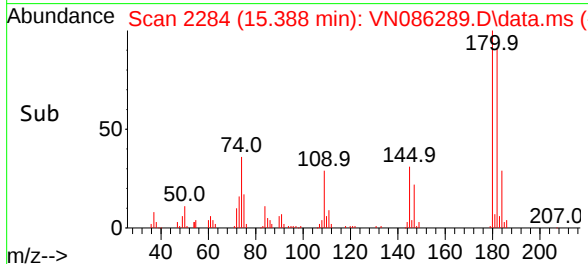
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



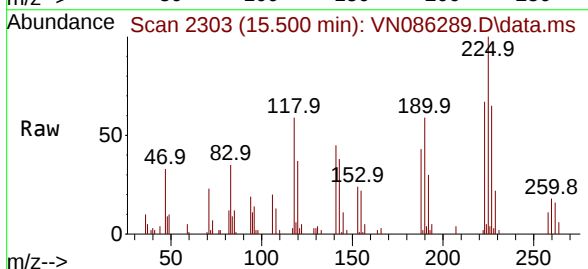
Tgt Ion:180 Resp: 63878
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 32.4 16.4 49.1

Manual Integrations
APPROVED

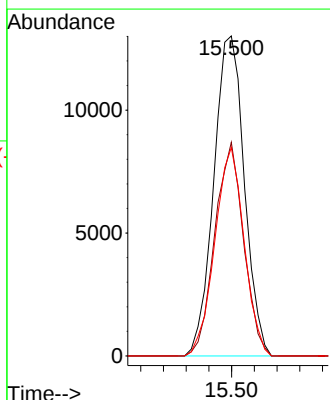
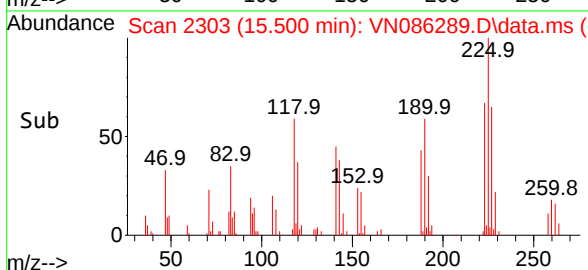
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

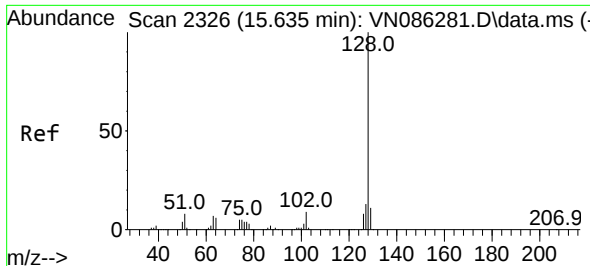


#94
Hexachlorobutadiene
Concen: 19.564 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52



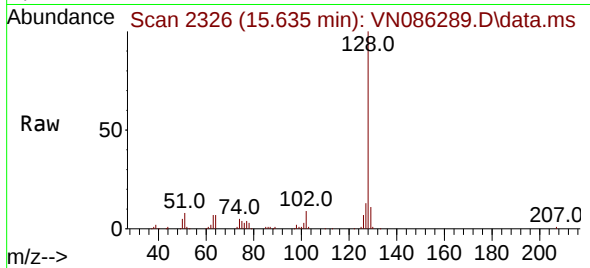
Tgt Ion:225 Resp: 24374
Ion Ratio Lower Upper
225 100
223 62.7 32.8 98.3
227 62.2 31.4 94.0





#95
Naphthalene
Concen: 19.041 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

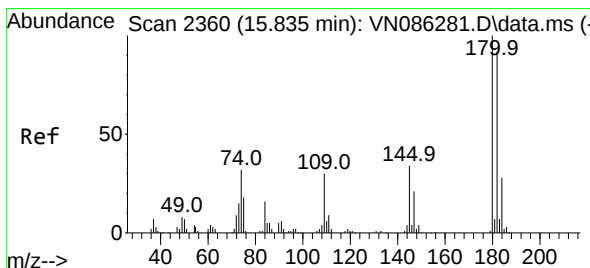
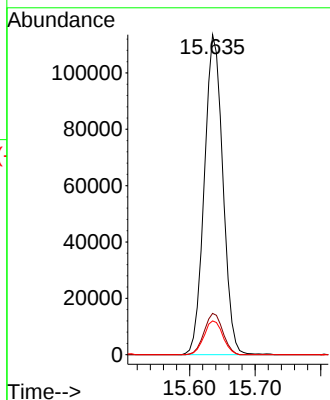
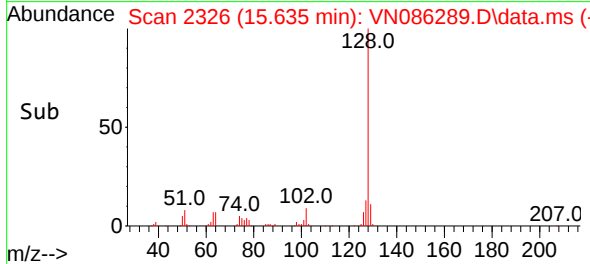
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS01



Tgt Ion:128 Resp: 222770
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.6 13.0

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Supervised By :Mahesh Dadoda 04/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.024 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086289.D
Acq: 16 Apr 2025 11:52

Tgt Ion:180 Resp: 59442
Ion Ratio Lower Upper
180 100
182 93.9 47.3 142.0
145 33.9 17.2 51.5

