

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086131.D
 Acq On : 26 Mar 2025 17:12
 Operator : JC\MD
 Sample : VN0326WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

Quant Time: Mar 27 01:41:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	217618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146192	49.059	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.120%		
35) Dibromofluoromethane	8.165	113	122658	49.578	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.160%		
50) Toluene-d8	10.565	98	460234	51.257	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.520%		
62) 4-Bromofluorobenzene	12.847	95	160171	50.020	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52726	18.288	ug/l	100
3) Chloromethane	2.359	50	51701	20.455	ug/l	100
4) Vinyl Chloride	2.512	62	56920	22.025	ug/l	97
5) Bromomethane	2.953	94	36405	20.681	ug/l	100
6) Chloroethane	3.118	64	35696	21.895	ug/l	90
7) Trichlorofluoromethane	3.500	101	88909	19.138	ug/l	97
8) Diethyl Ether	3.959	74	28832	20.273	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	51420	20.826	ug/l	96
10) Methyl Iodide	4.589	142	62334	19.375	ug/l	98
11) Tert butyl alcohol	5.518	59	37905	89.842	ug/l	98
12) 1,1-Dichloroethene	4.341	96	45590	20.449	ug/l	95
13) Acrolein	4.177	56	26269	58.376	ug/l	94
14) Allyl chloride	5.018	41	58554	21.052	ug/l	94
15) Acrylonitrile	5.718	53	117685	105.618	ug/l	100
16) Acetone	4.424	43	86375	94.876	ug/l	100
17) Carbon Disulfide	4.712	76	131708	17.963	ug/l	98
18) Methyl Acetate	5.018	43	52974	23.518	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	149408	20.451	ug/l	97
20) Methylene Chloride	5.277	84	54473	20.453	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	49035	20.125	ug/l	96
22) Diisopropyl ether	6.671	45	142229	23.996	ug/l	97
23) Vinyl Acetate	6.600	43	484834	107.905	ug/l	99
24) 1,1-Dichloroethane	6.571	63	93185	21.380	ug/l	100
25) 2-Butanone	7.482	43	132904	101.172	ug/l	94
26) 2,2-Dichloropropane	7.488	77	83299	19.851	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	58322	21.064	ug/l	98
28) Bromochloromethane	7.812	49	41313	22.372	ug/l	91
29) Tetrahydrofuran	7.835	42	92235	113.730	ug/l	93
30) Chloroform	7.965	83	100673	20.897	ug/l	93
31) Cyclohexane	8.253	56	76546	20.616	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	92471	20.277	ug/l	97
36) 1,1-Dichloropropene	8.371	75	65752	20.184	ug/l	99
37) Ethyl Acetate	7.559	43	57314	20.854	ug/l	98
38) Carbon Tetrachloride	8.359	117	83863	19.579	ug/l	97
39) Methylcyclohexane	9.600	83	61002	18.874	ug/l	92
40) Benzene	8.600	78	217729	21.290	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30037	22.888	ug/l	92
42) 1,2-Dichloroethane	8.671	62	69679	19.554	ug/l	97
43) Isopropyl Acetate	8.682	43	110595	18.570	ug/l	91
44) Trichloroethene	9.347	130	50021	18.872	ug/l	93
45) 1,2-Dichloropropane	9.618	63	52030	22.369	ug/l	97
46) Dibromomethane	9.706	93	38095	20.826	ug/l	97
47) Bromodichloromethane	9.882	83	79279	20.737	ug/l	98
48) Methyl methacrylate	9.682	41	42220	21.483	ug/l	98
49) 1,4-Dioxane	9.694	88	18692	402.349	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	289382	110.179	ug/l	97
52) Toluene	10.629	92	135113	21.527	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	75771	20.408	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	79864	20.388	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	51159	21.355	ug/l	97
56) Ethyl methacrylate	10.870	69	70485	21.381	ug/l	97
57) 1,3-Dichloropropane	11.159	76	84009	20.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	140874	112.402	ug/l	97
59) 2-Hexanone	11.194	43	206211	107.774	ug/l	96
60) Dibromochloromethane	11.353	129	64348	20.816	ug/l	98
61) 1,2-Dibromoethane	11.465	107	50440	20.509	ug/l	96
64) Tetrachloroethene	11.100	164	51436	20.696	ug/l	93
65) Chlorobenzene	11.888	112	146258	20.515	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	54330	20.500	ug/l	97
67) Ethyl Benzene	11.959	91	236366	20.726	ug/l	99
68) m/p-Xylenes	12.070	106	188896	42.141	ug/l	100
69) o-Xylene	12.400	106	89120	21.663	ug/l	97
70) Styrene	12.406	104	149266	21.242	ug/l	99
71) Bromoform	12.576	173	42327	19.105	ug/l #	98
73) Isopropylbenzene	12.694	105	217081	20.535	ug/l	99
74) N-amyl acetate	12.488	43	75230	21.270	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	72556	20.287	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	76899m	22.188	ug/l	
77) Bromobenzene	12.976	156	58202	19.745	ug/l	99
78) n-propylbenzene	13.035	91	257802	21.536	ug/l	98
79) 2-Chlorotoluene	13.123	91	168068	21.138	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	190037	21.292	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	24273	18.516	ug/l	89
82) 4-Chlorotoluene	13.217	91	169162	20.689	ug/l	100
83) tert-Butylbenzene	13.435	119	150004	19.651	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	190106	21.118	ug/l	98
85) sec-Butylbenzene	13.617	105	213011	21.391	ug/l	100
86) p-Isopropyltoluene	13.729	119	176409	20.927	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	107947	20.316	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	106961	19.160	ug/l	99
89) n-Butylbenzene	14.053	91	134561	19.602	ug/l	99
90) Hexachloroethane	14.329	117	37196	19.123	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	104038	19.697	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13215	18.511	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	47707	17.963	ug/l	99
94) Hexachlorobutadiene	15.500	225	25540	16.575	ug/l	98
95) Naphthalene	15.641	128	128540	16.714	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	45721	18.143	ug/l	100

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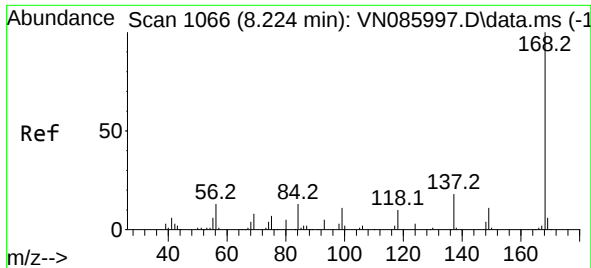
Manual Integrations
APPROVED

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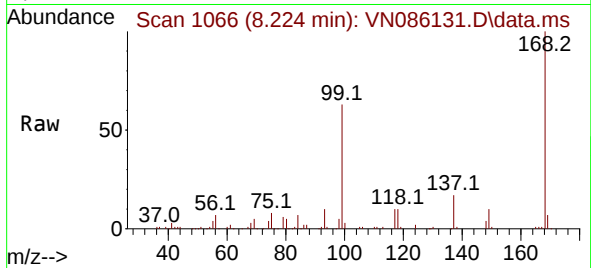
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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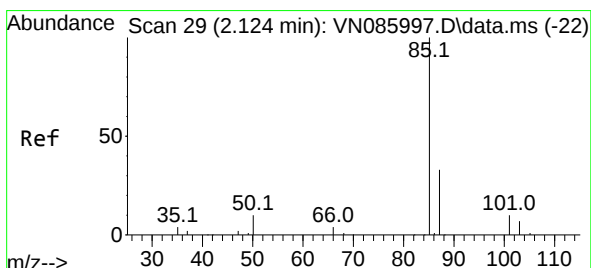
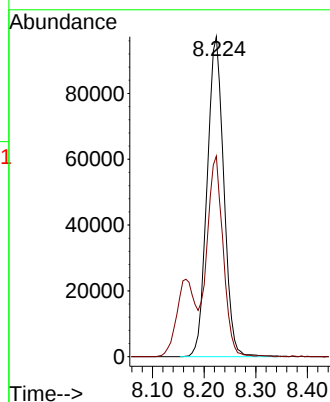
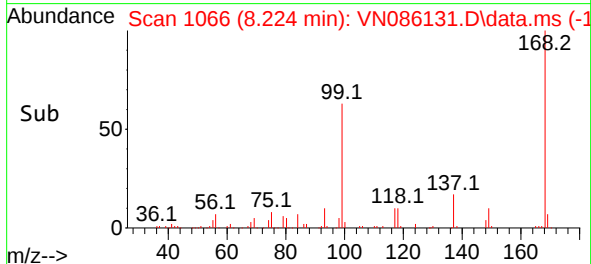
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion:168 Resp: 217618
Ion Ratio Lower Upper
168 100
99 62.5 49.4 74.2

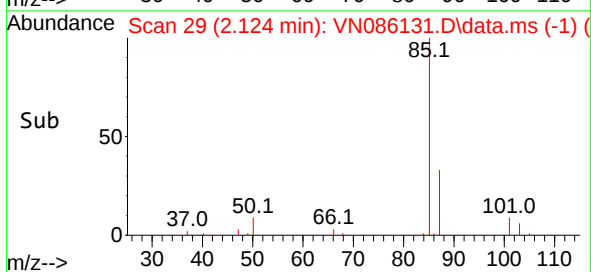
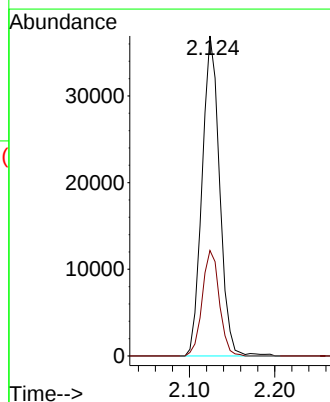
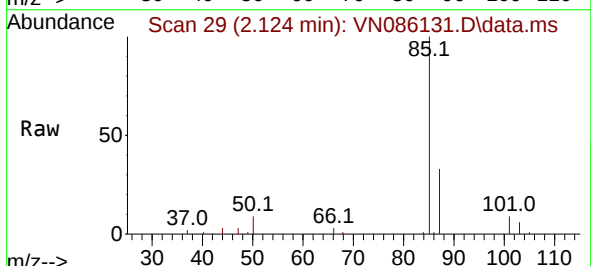
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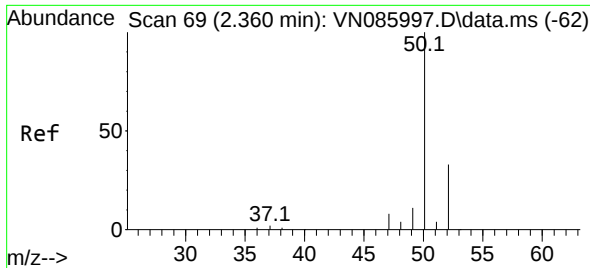
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 18.288 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion: 85 Resp: 52726
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5





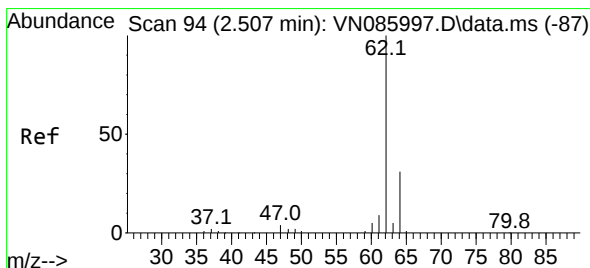
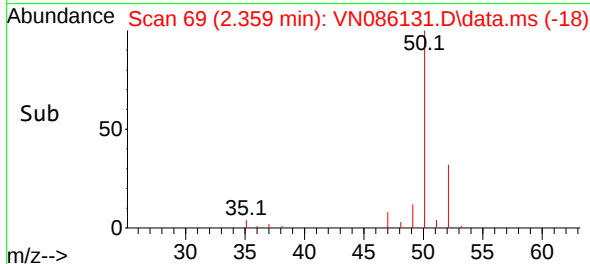
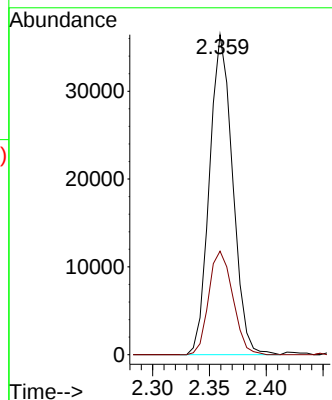
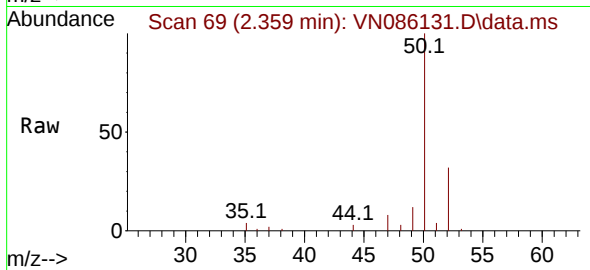
#3
Chloromethane
Concen: 20.455 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086131.D
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MSVOA_N
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Tgt Ion: 50 Resp: 5170
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0

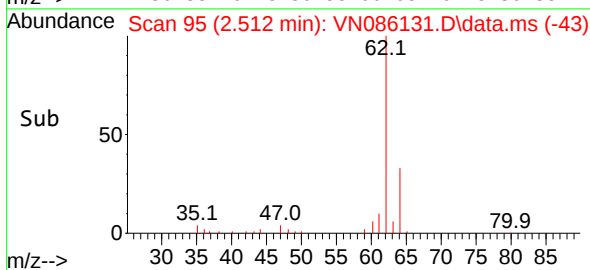
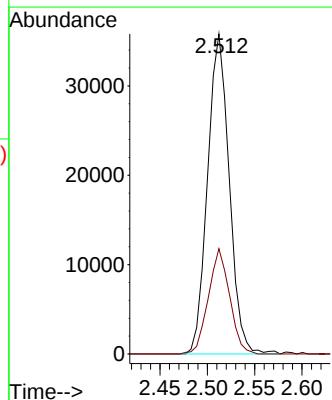
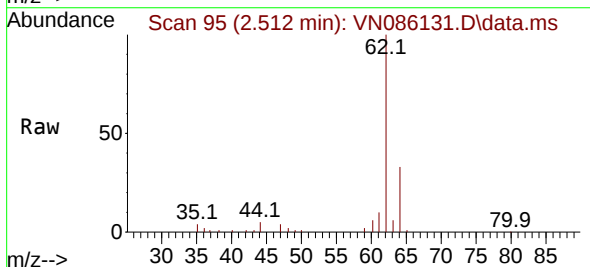
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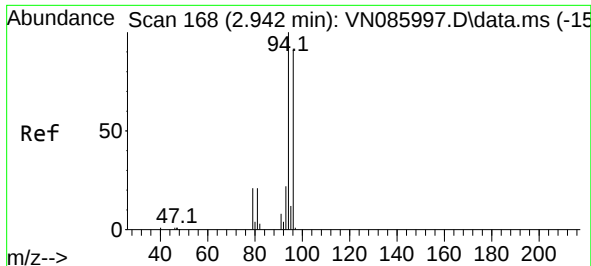
Reviewed By :John Carlone 03/28/2025
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#4
Vinyl Chloride
Concen: 22.025 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086131.D
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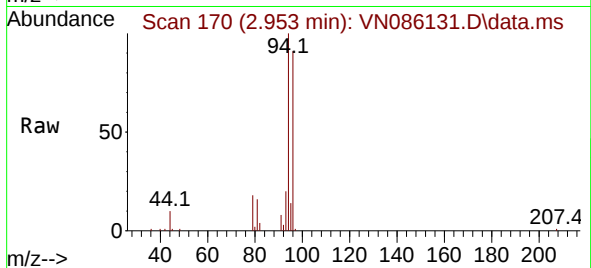
Tgt Ion: 62 Resp: 56920
Ion Ratio Lower Upper
62 100
64 32.9 25.2 37.8





#5
Bromomethane
Concen: 20.681 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN086131.D
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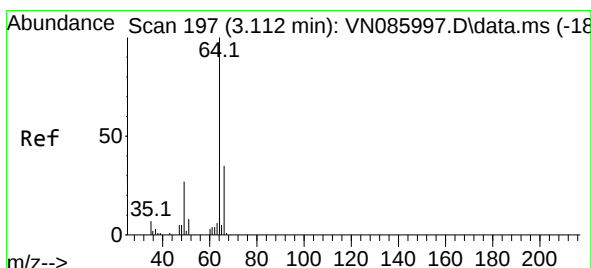
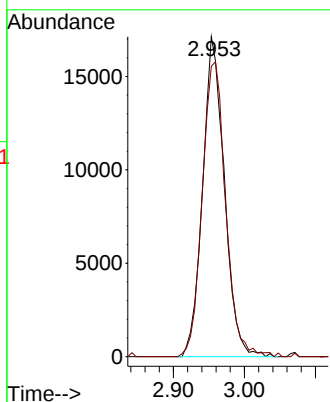
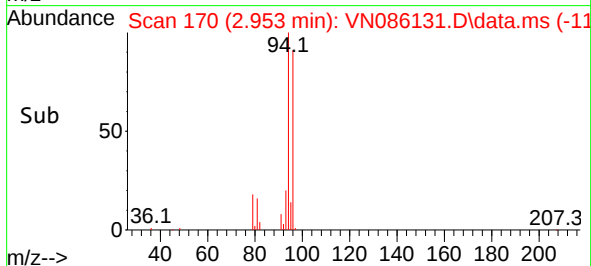
Instrument :
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Tgt Ion: 94 Resp: 3640
Ion Ratio Lower Upper
94 100
96 90.7 72.8 109.2

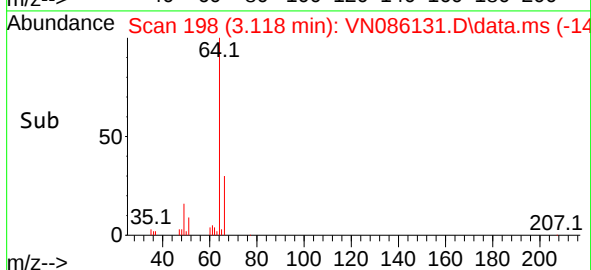
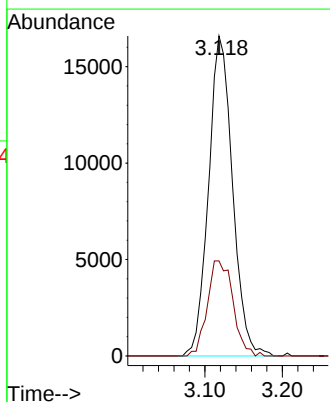
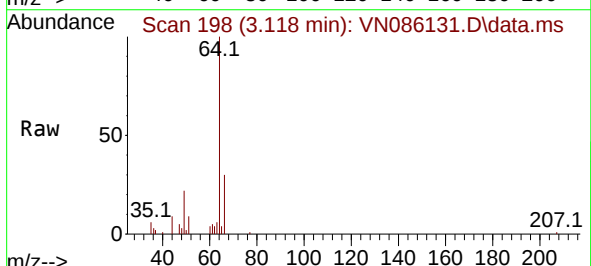
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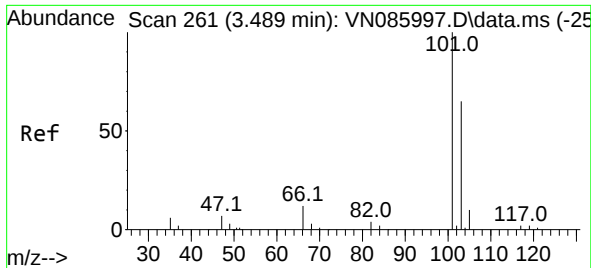
Reviewed By :John Carlone 03/28/2025
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#6
Chloroethane
Concen: 21.895 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion: 64 Resp: 35696
Ion Ratio Lower Upper
64 100
66 29.7 28.3 42.5





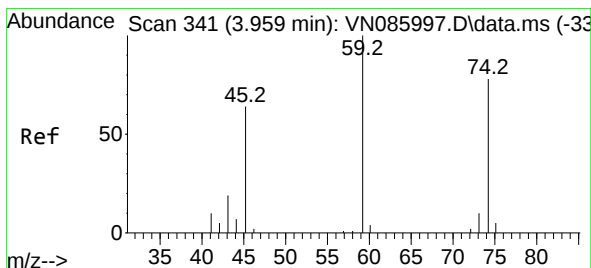
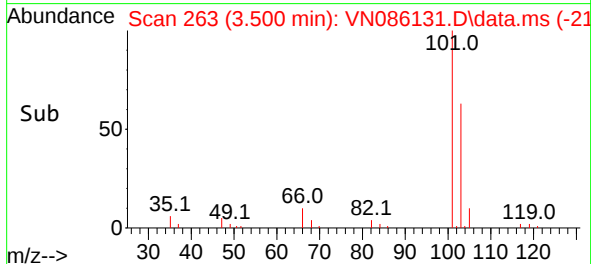
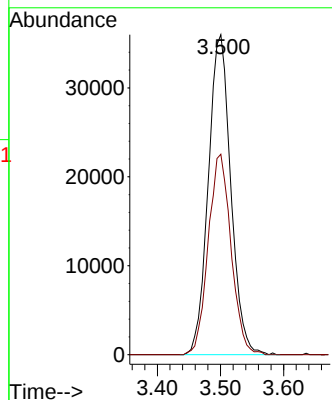
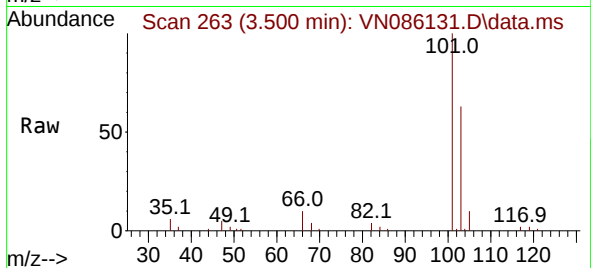
#7
Trichlorofluoromethane
Concen: 19.138 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion:101 Resp: 88909
Ion Ratio Lower Upper
101 100
103 62.6 51.7 77.5

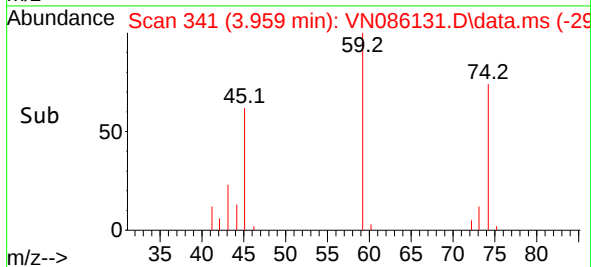
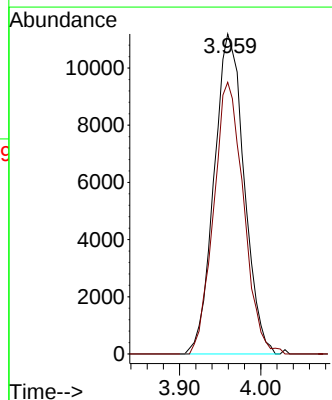
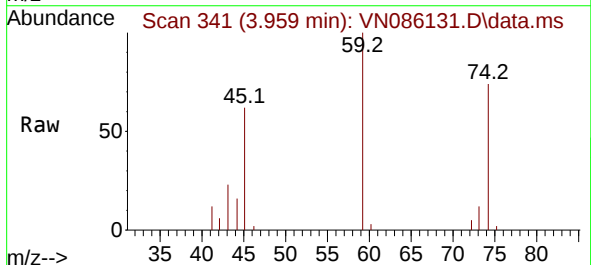
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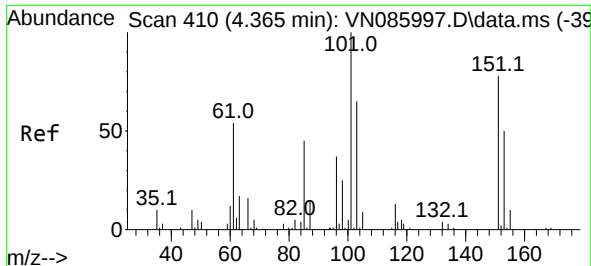
Reviewed By :John Carlone 03/28/2025
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#8
Diethyl Ether
Concen: 20.273 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion: 74 Resp: 28832
Ion Ratio Lower Upper
74 100
45 84.3 38.0 113.9





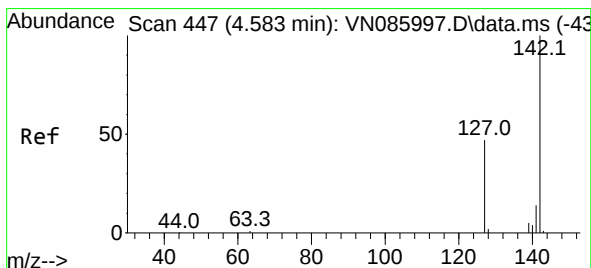
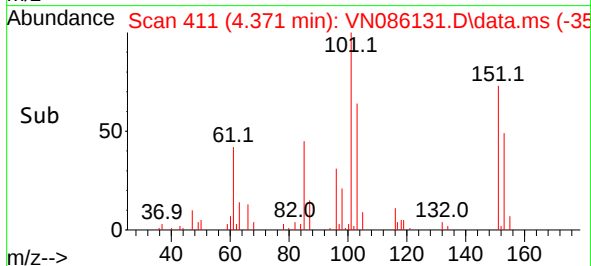
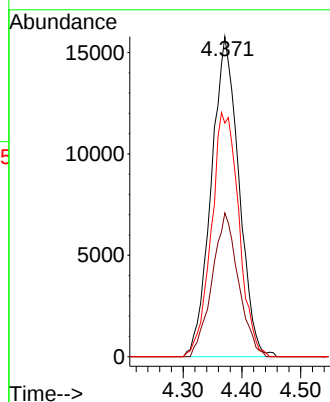
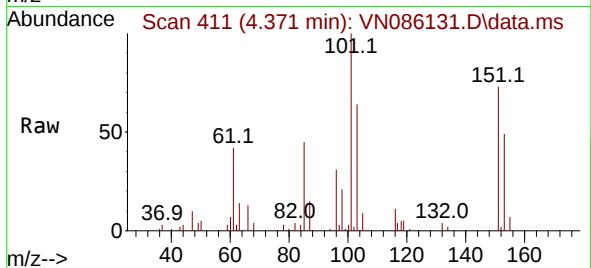
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.826 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion:101 Resp: 51420
Ion Ratio Lower Upper
101 100
85 42.9 36.5 54.7
151 76.2 63.4 95.0

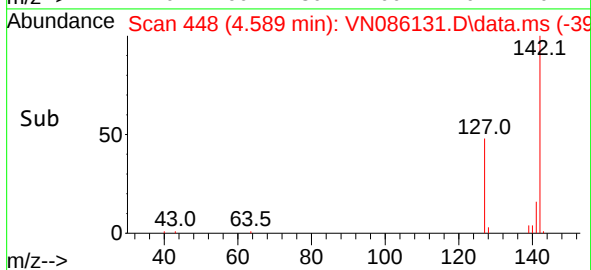
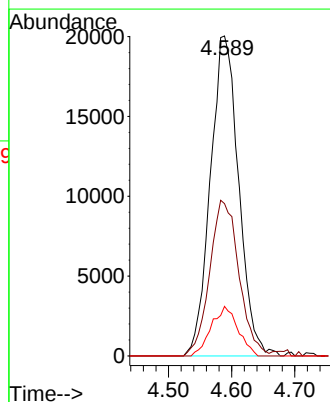
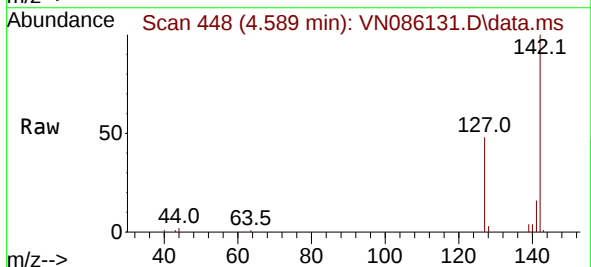
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 19.375 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

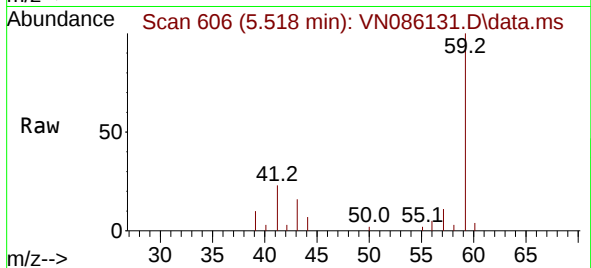
Tgt Ion:142 Resp: 62334
Ion Ratio Lower Upper
142 100
127 47.6 37.5 56.3
141 15.5 11.0 16.6





#11
Tert butyl alcohol
Concen: 89.842 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

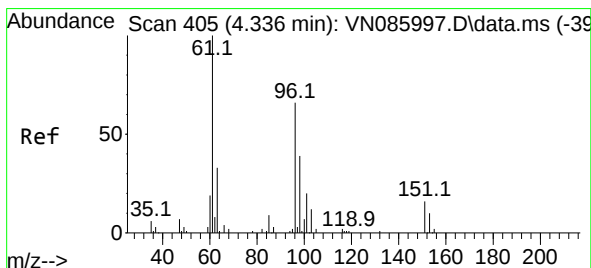
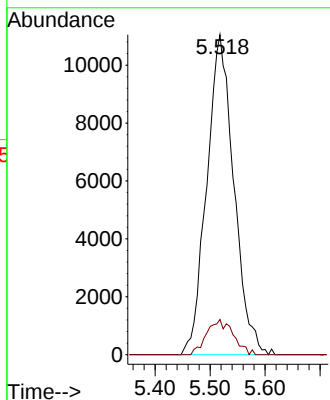
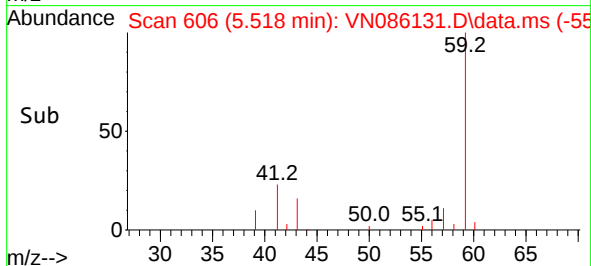
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



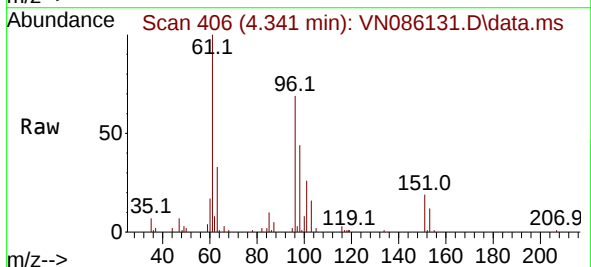
Tgt Ion: 59 Resp: 3790
Ion Ratio Lower Upper
59 100
57 10.7 7.9 11.9

Manual Integrations
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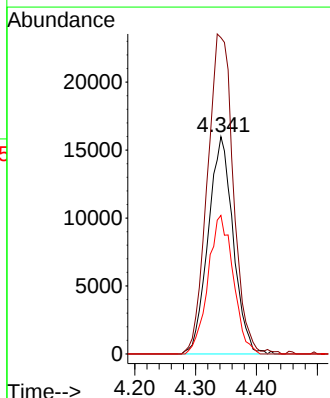
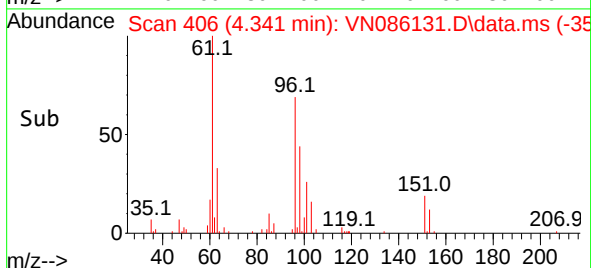
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

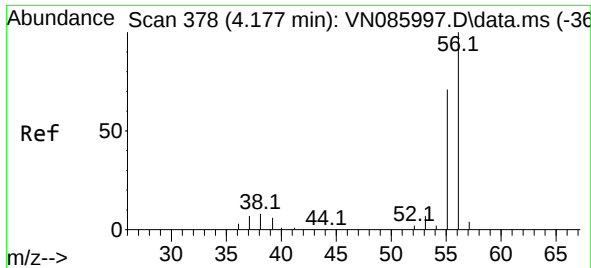


#12
1,1-Dichloroethene
Concen: 20.449 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12



Tgt Ion: 96 Resp: 45590
Ion Ratio Lower Upper
96 100
61 145.5 120.5 180.7
98 63.7 47.4 71.0





#13

Acrolein

Concen: 58.376 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086131.D

Acq: 26 Mar 2025 17:12

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBSD01

Tgt Ion: 56 Resp: 26269

Ion Ratio Lower Upper

56 100

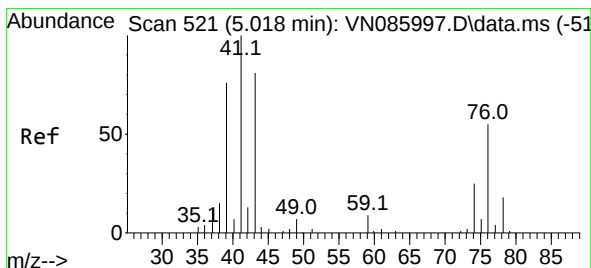
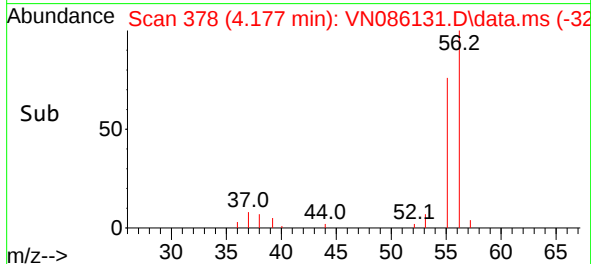
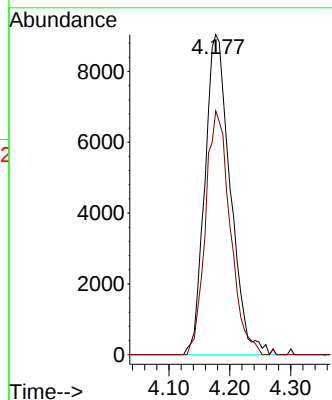
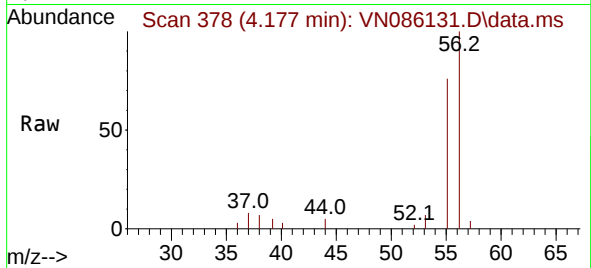
55 73.8 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#14

Allyl chloride

Concen: 21.052 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN086131.D

Acq: 26 Mar 2025 17:12

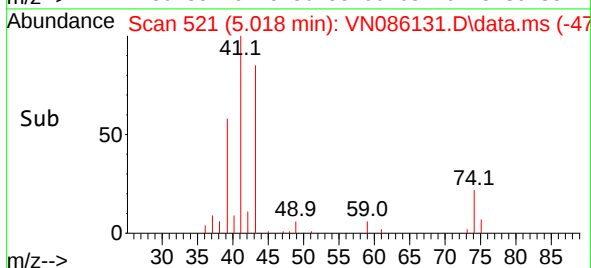
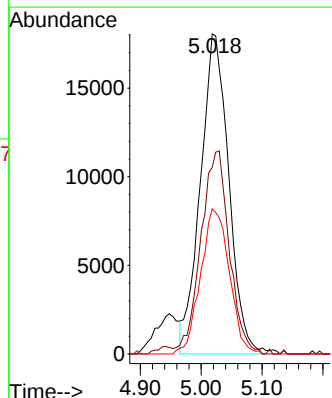
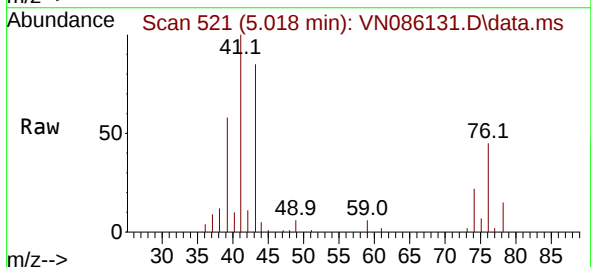
Tgt Ion: 41 Resp: 58554

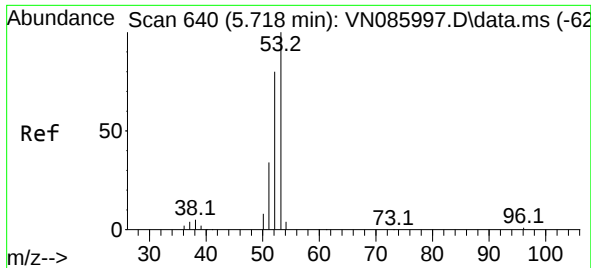
Ion Ratio Lower Upper

41 100

39 63.6 55.5 83.3

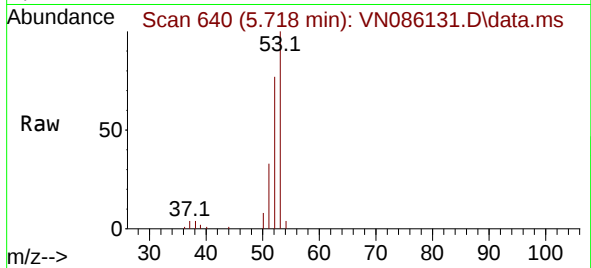
76 45.8 39.1 58.7





#15
Acrylonitrile
Concen: 105.618 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

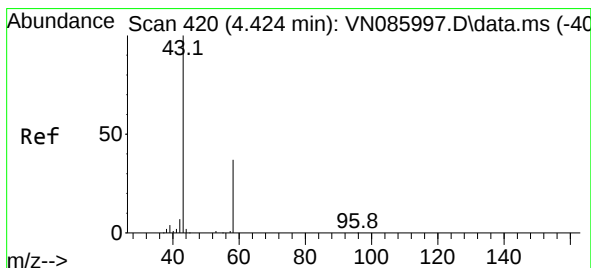
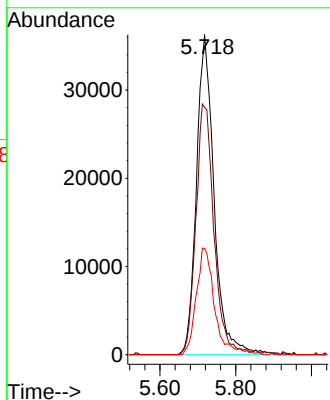
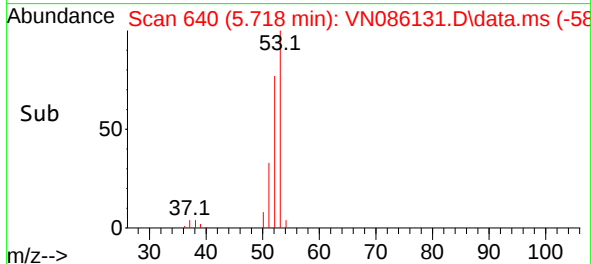
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion: 53 Resp: 117685
Ion Ratio Lower Upper
53 100
52 79.9 63.9 95.9
51 34.6 27.1 40.7

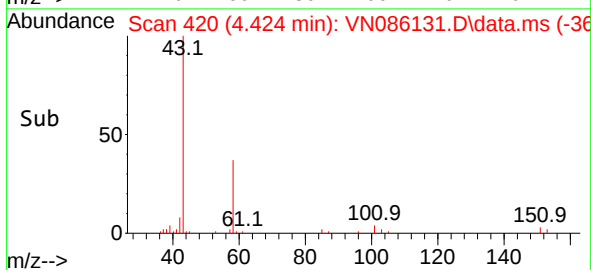
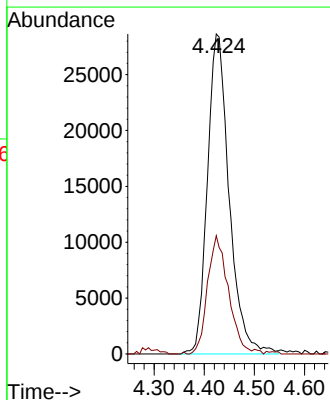
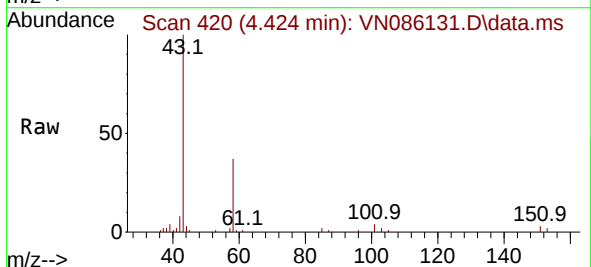
Manual Integrations
APPROVED

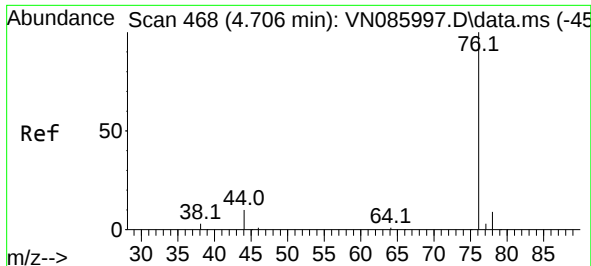
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 94.876 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion: 43 Resp: 86375
Ion Ratio Lower Upper
43 100
58 36.9 29.4 44.2





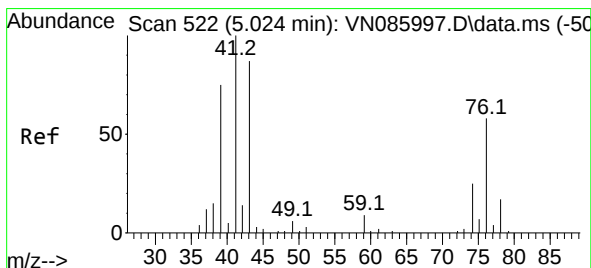
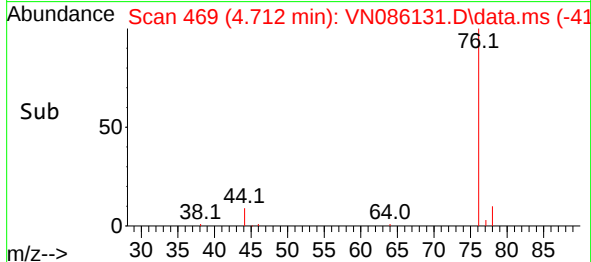
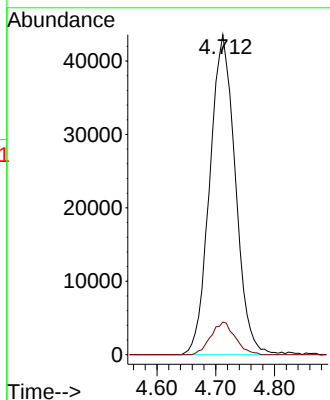
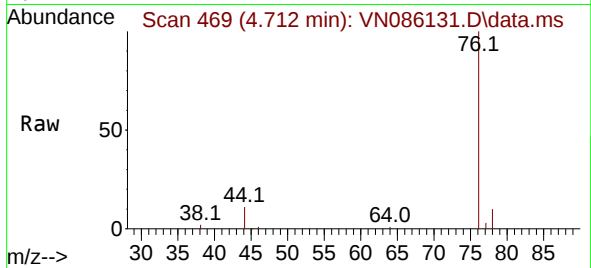
#17
Carbon Disulfide
Concen: 17.963 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion: 76 Resp: 131708
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.2

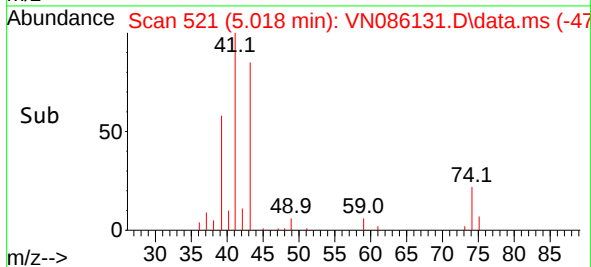
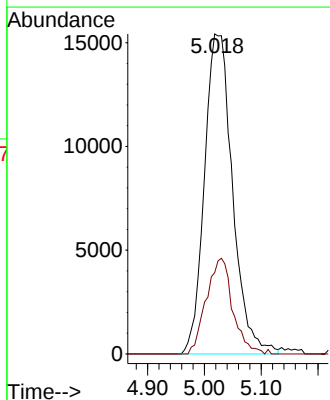
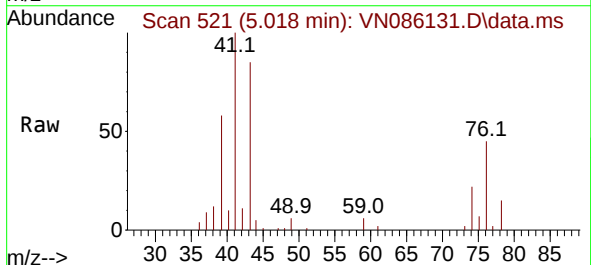
Manual Integrations
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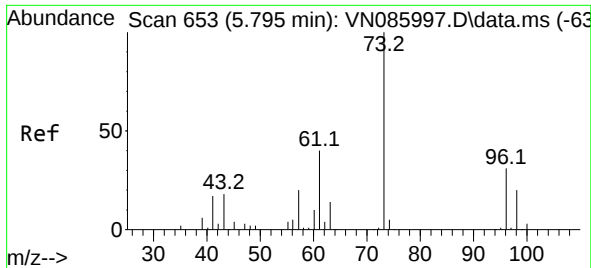
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#18
Methyl Acetate
Concen: 23.518 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion: 43 Resp: 52974
Ion Ratio Lower Upper
43 100
74 28.0 23.9 35.9





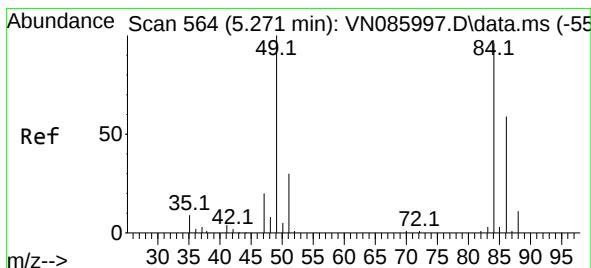
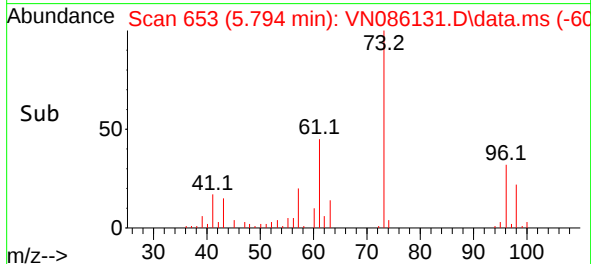
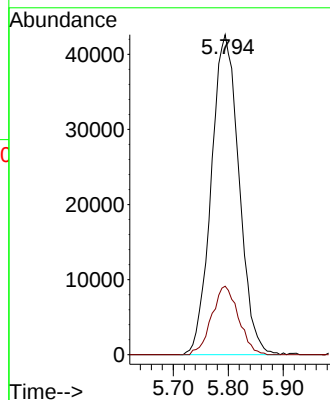
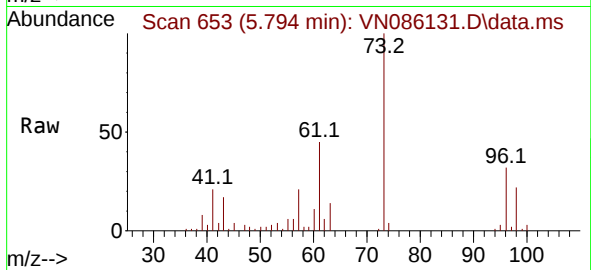
#19
Methyl tert-butyl Ether
Concen: 20.451 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion: 73 Resp: 149408
Ion Ratio Lower Upper
73 100
57 21.4 16.1 24.1

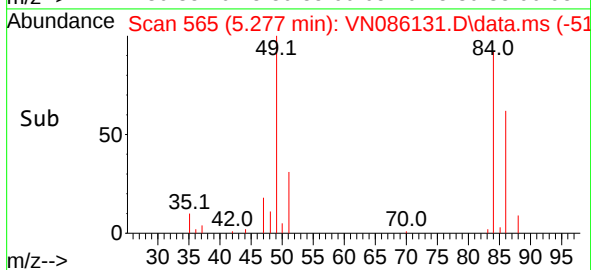
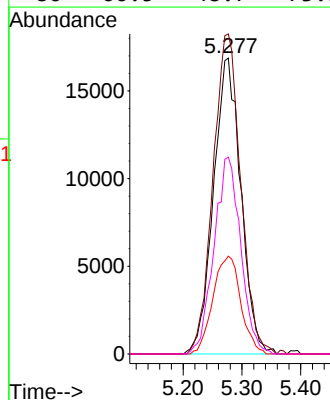
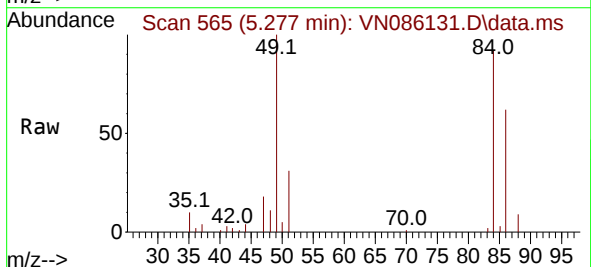
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 20.453 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

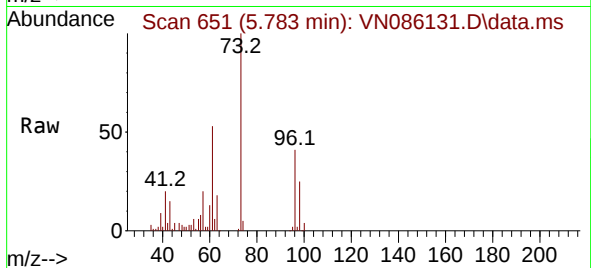
Tgt Ion: 84 Resp: 54473
Ion Ratio Lower Upper
84 100
49 108.2 83.3 124.9
51 33.0 24.8 37.2
86 66.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.125 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

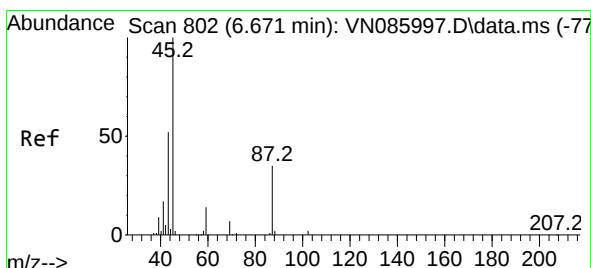
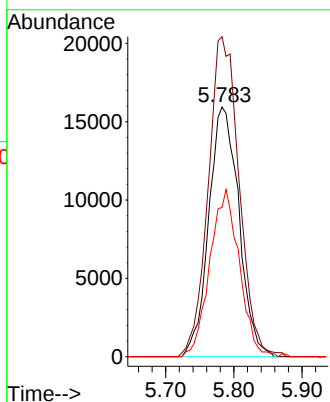
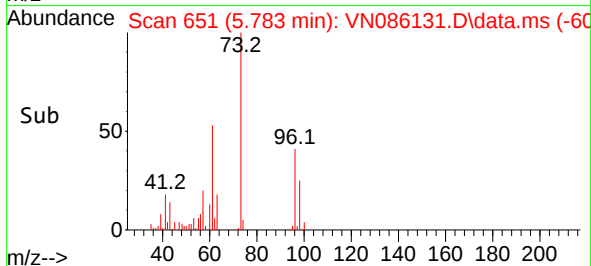
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion: 96 Resp: 4903
Ion Ratio Lower Upper
96 100
61 128.2 106.6 160.0
98 59.8 50.0 75.0

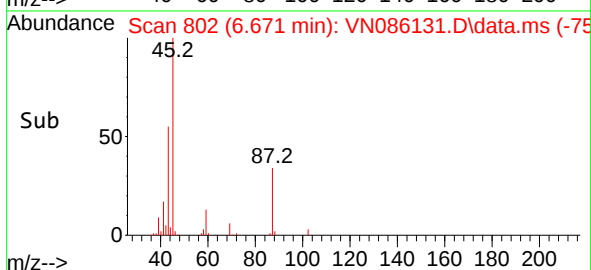
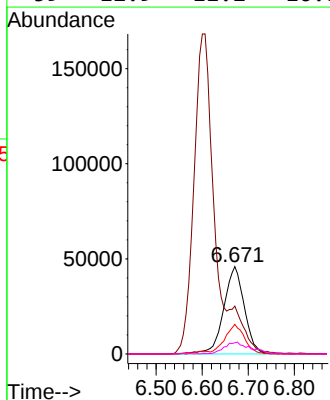
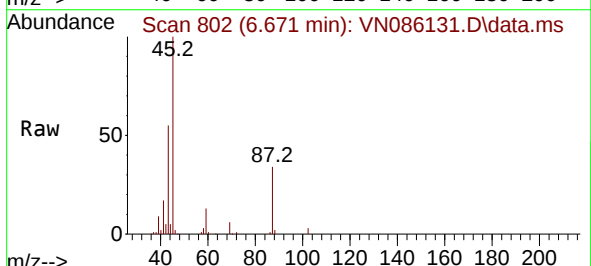
Manual Integrations
APPROVED

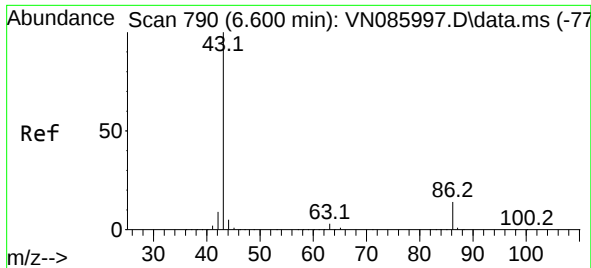
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 23.996 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

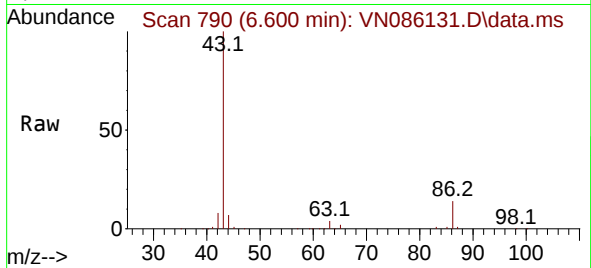
Tgt Ion: 45 Resp: 142229
Ion Ratio Lower Upper
45 100
43 53.6 41.2 61.8
87 33.9 28.5 42.7
59 12.9 11.2 16.8





#23
 Vinyl Acetate
 Concen: 107.905 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086131.D
 Acq: 26 Mar 2025 17:12

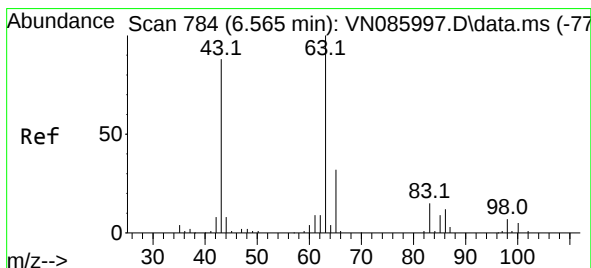
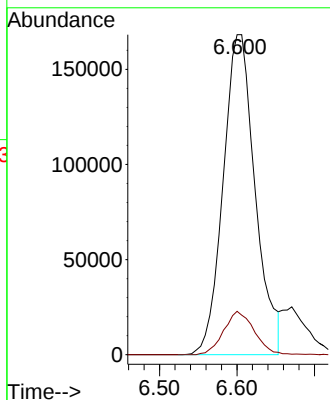
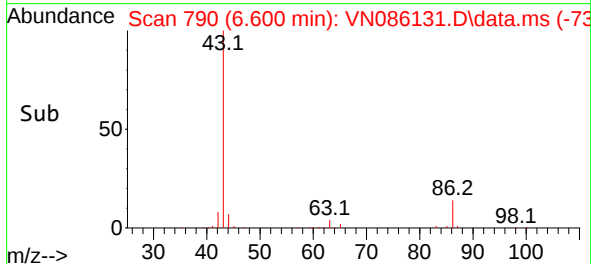
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBSD01



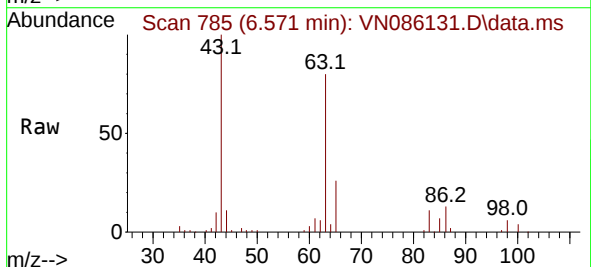
Tgt Ion: 43 Resp: 484834
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.2 16.8

Manual Integrations
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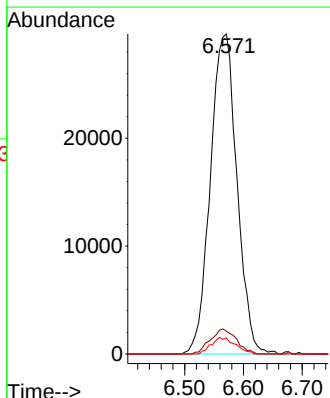
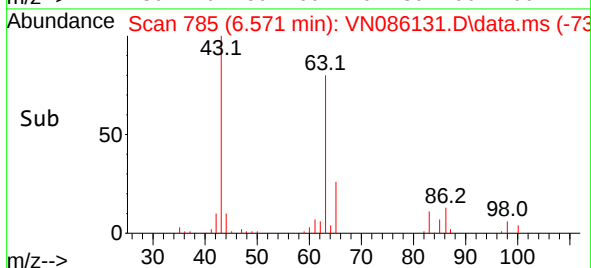
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

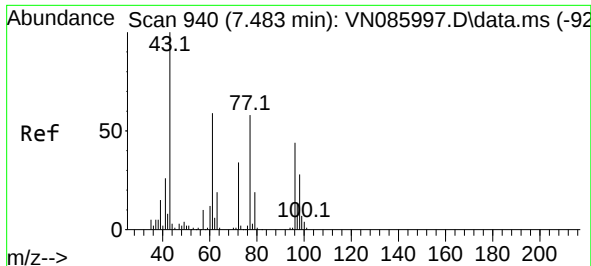


#24
 1,1-Dichloroethane
 Concen: 21.380 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086131.D
 Acq: 26 Mar 2025 17:12



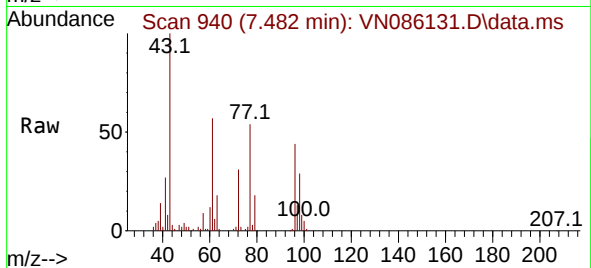
Tgt Ion: 63 Resp: 93185
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 5.0 2.5 7.5





#25
2-Butanone
Concen: 101.172 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

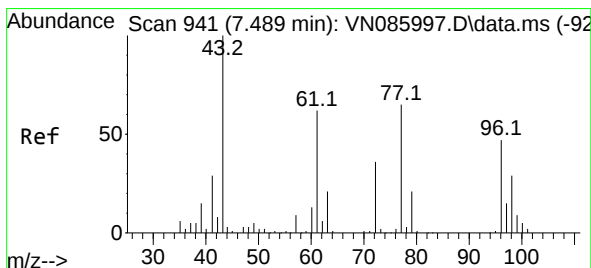
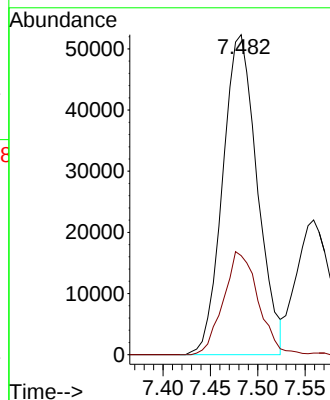
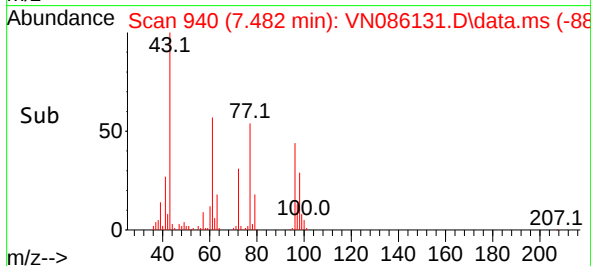
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



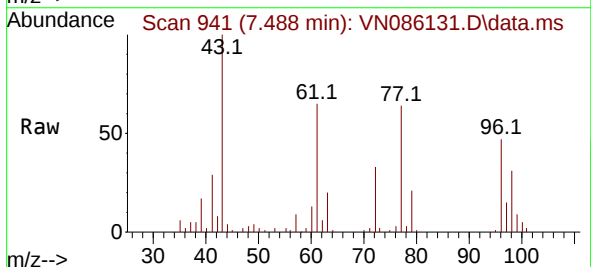
Tgt Ion: 43 Resp: 132904
Ion Ratio Lower Upper
43 100
72 31.0 27.4 41.0

Manual Integrations
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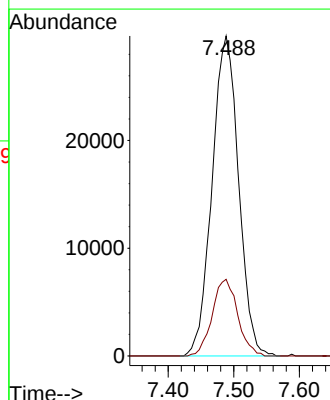
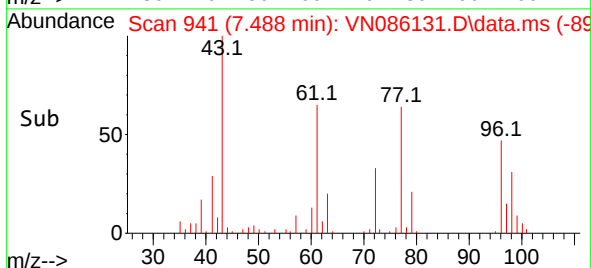
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

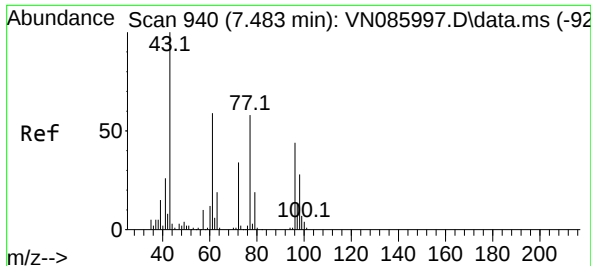


#26
2,2-Dichloropropane
Concen: 19.851 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12



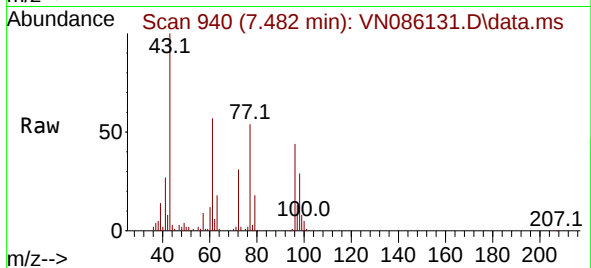
Tgt Ion: 77 Resp: 83299
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 21.064 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

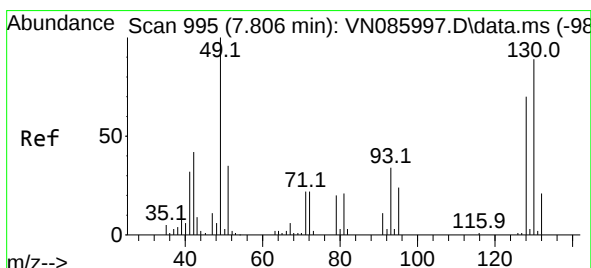
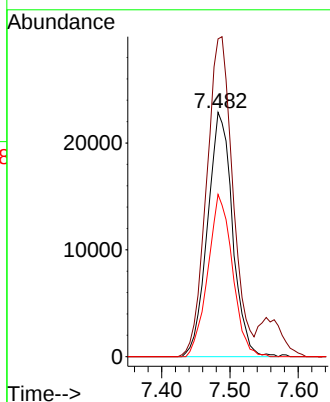
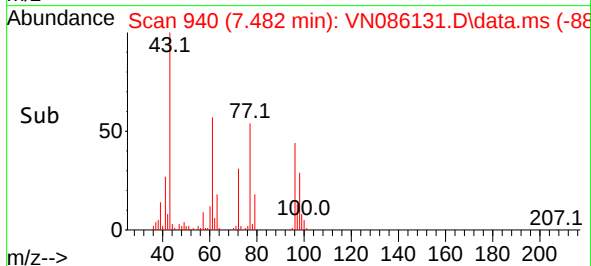
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion: 96 Resp: 5832
Ion Ratio Lower Upper
96 100
61 137.6 0.0 272.8
98 65.4 0.0 124.8

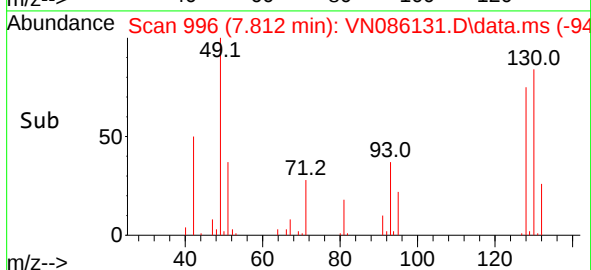
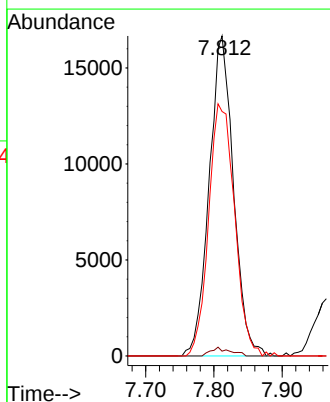
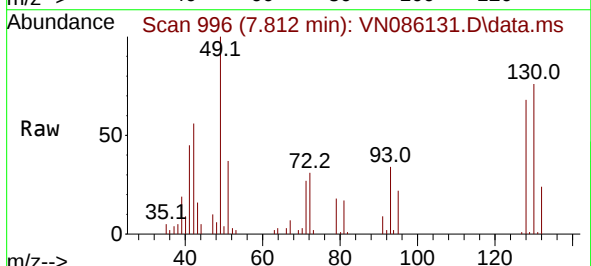
Manual Integrations
APPROVED

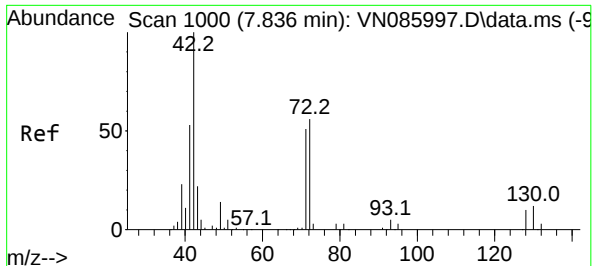
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#28
Bromochloromethane
Concen: 22.372 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion: 49 Resp: 41313
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 84.2 74.2 111.4





#29

Tetrahydrofuran

Concen: 113.730 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086131.D

Acq: 26 Mar 2025 17:12

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBSD01

Tgt Ion: 42 Resp: 92235

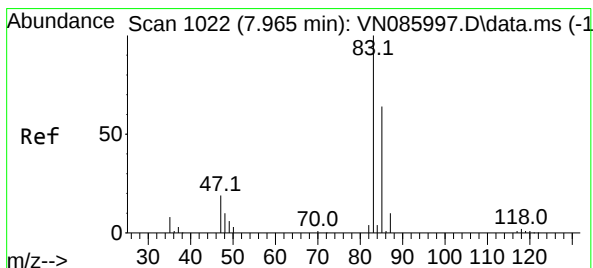
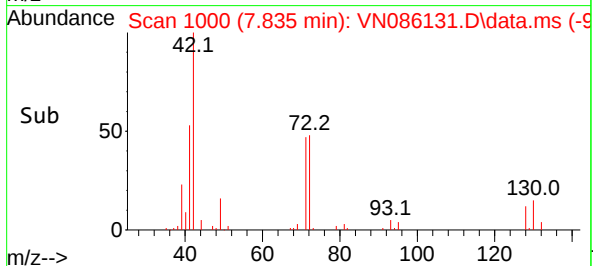
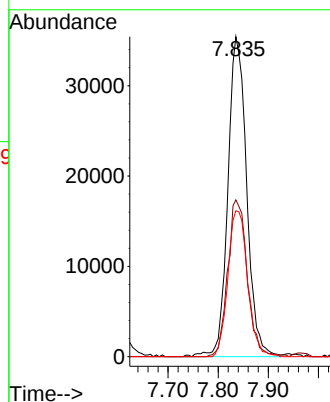
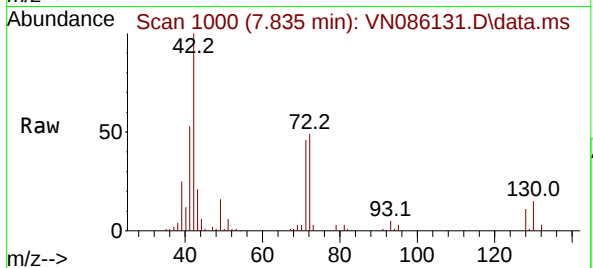
Ion	Ratio	Lower	Upper
42	100		
72	50.6	45.0	67.4
71	47.9	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#30

Chloroform

Concen: 20.897 ug/l

RT: 7.965 min Scan# 1022

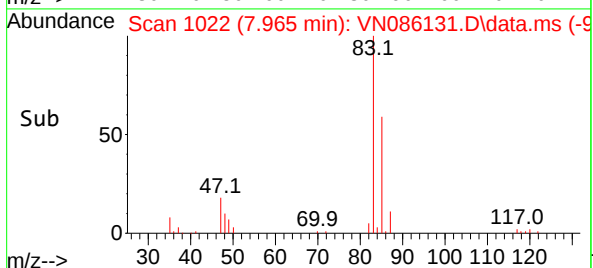
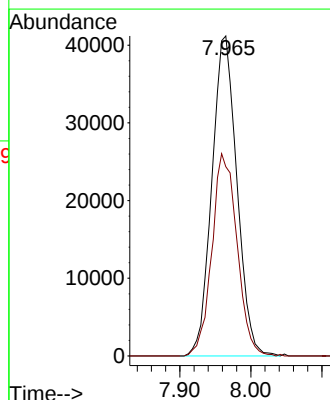
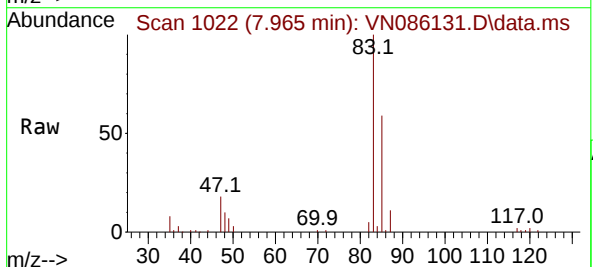
Delta R.T. -0.000 min

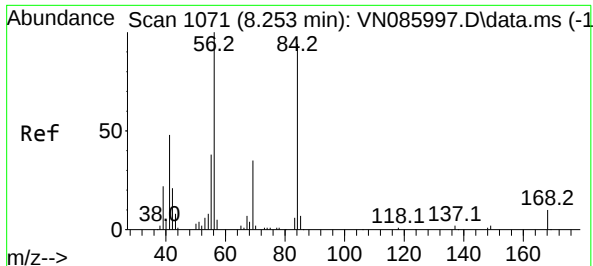
Lab File: VN086131.D

Acq: 26 Mar 2025 17:12

Tgt Ion: 83 Resp: 100673

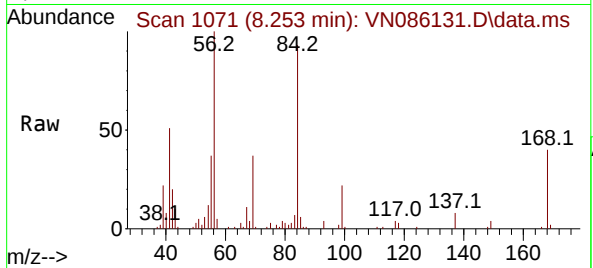
Ion	Ratio	Lower	Upper
83	100		
85	59.2	51.5	77.3





#31
Cyclohexane
Concen: 20.616 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

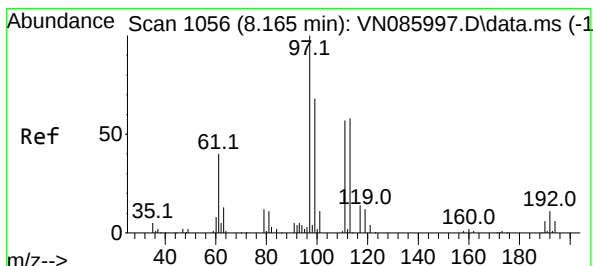
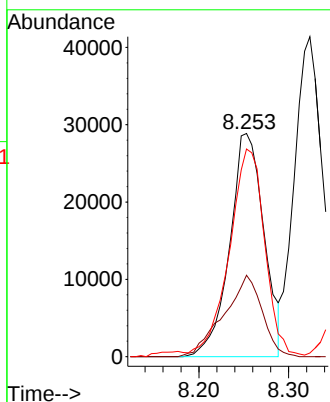
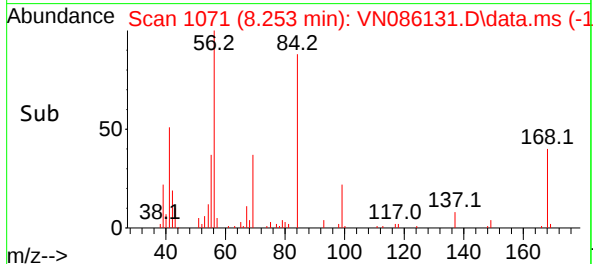
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



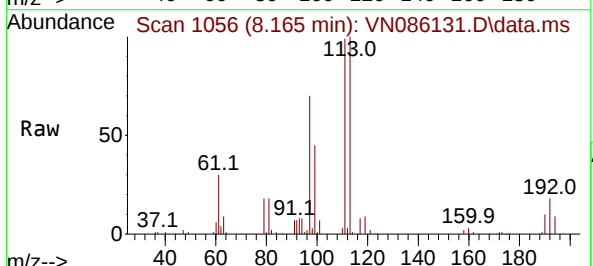
Tgt Ion: 56 Resp: 76540
Ion Ratio Lower Upper
56 100
69 36.5 28.0 42.0
84 90.6 75.0 112.6

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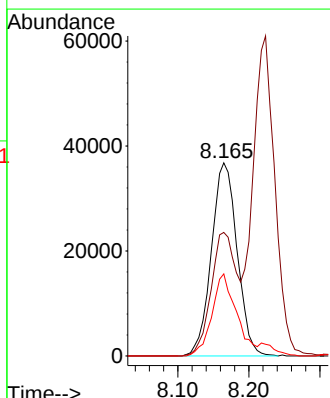
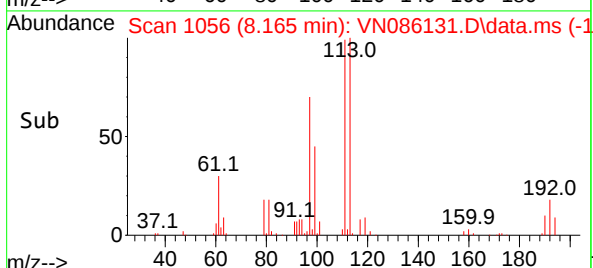
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#32
1,1,1-Trichloroethane
Concen: 20.277 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12



Tgt Ion: 97 Resp: 92471
Ion Ratio Lower Upper
97 100
99 63.4 52.8 79.2
61 40.6 33.6 50.4





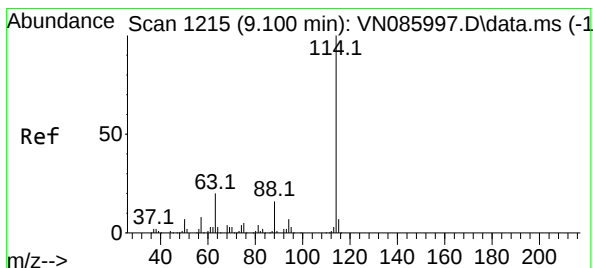
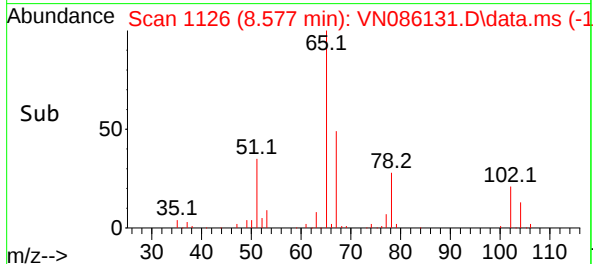
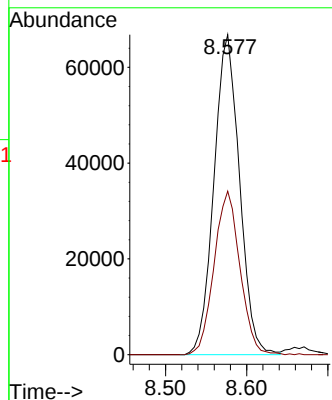
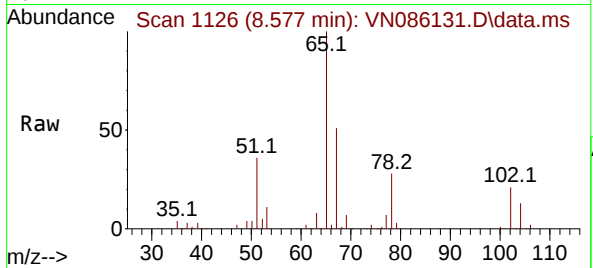
#33
1,2-Dichloroethane-d4
Concen: 49.059 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion: 65 Resp: 146192
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2

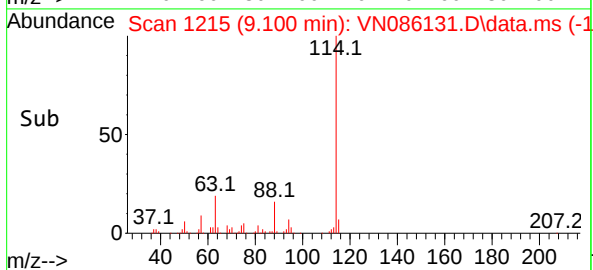
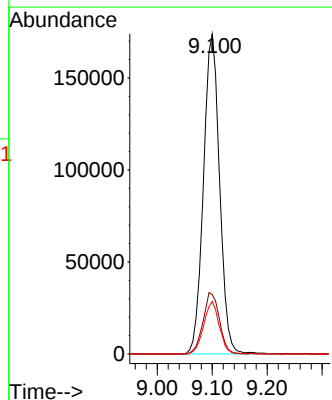
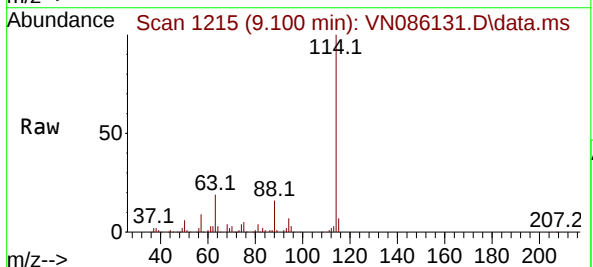
Manual Integrations
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Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion:114 Resp: 354450
Ion Ratio Lower Upper
114 100
63 18.6 0.0 39.6
88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.578 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086131.D

Acq: 26 Mar 2025 17:12

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBSD01

Tgt Ion:113 Resp: 122658

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

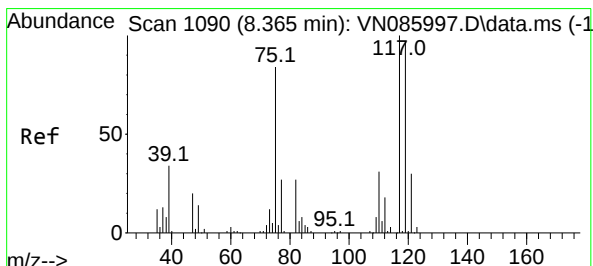
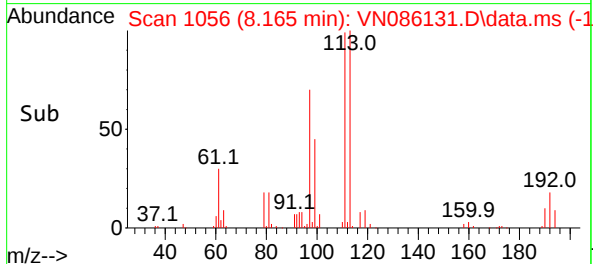
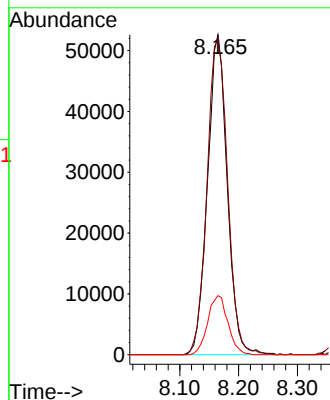
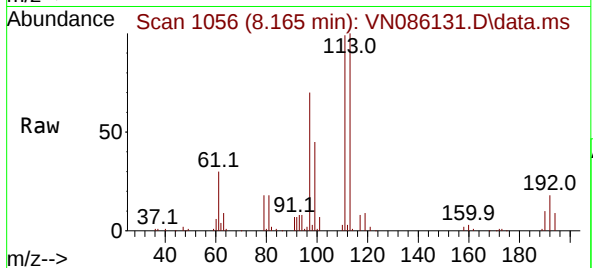
192 18.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#36

1,1-Dichloropropene

Concen: 20.184 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086131.D

Acq: 26 Mar 2025 17:12

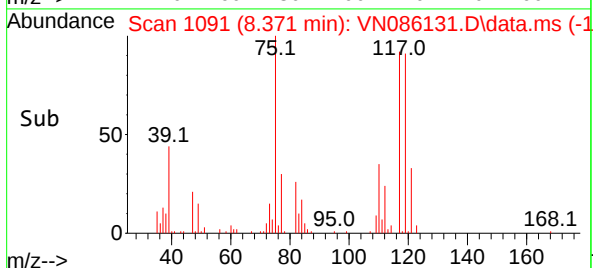
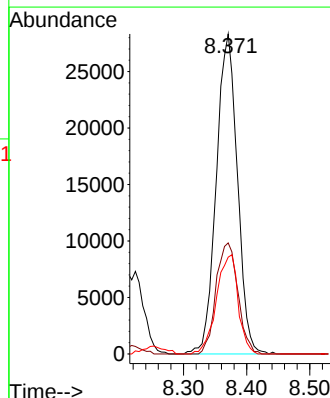
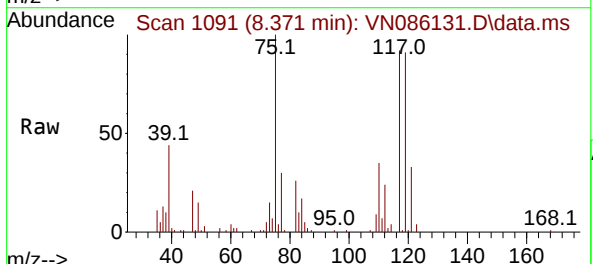
Tgt Ion: 75 Resp: 65752

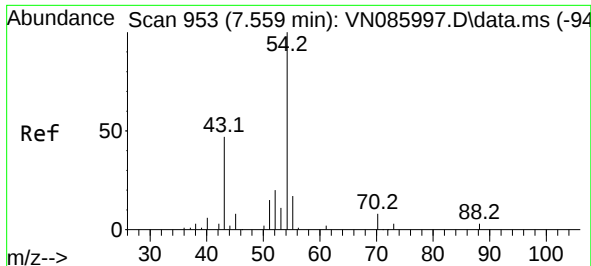
Ion Ratio Lower Upper

75 100

110 35.9 17.8 53.3

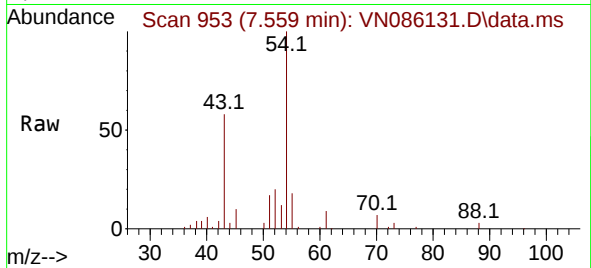
77 31.8 25.0 37.4





#37
Ethyl Acetate
Concen: 20.854 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

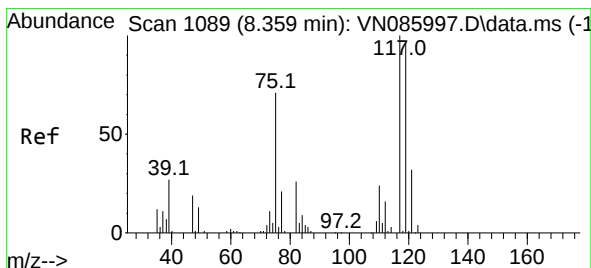
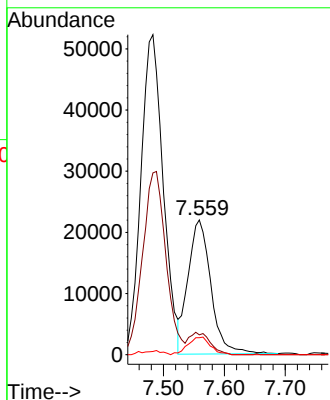
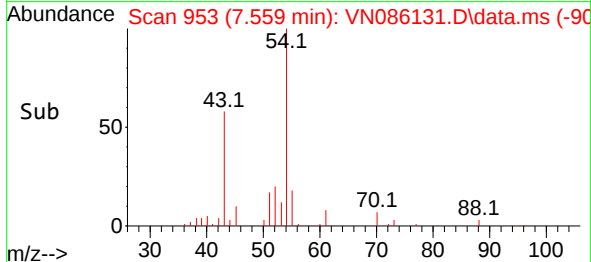
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion: 43 Resp: 57314
Ion Ratio Lower Upper
43 100
61 15.1 13.0 19.4
70 12.9 11.0 16.6

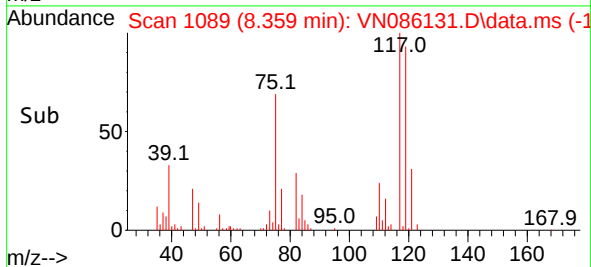
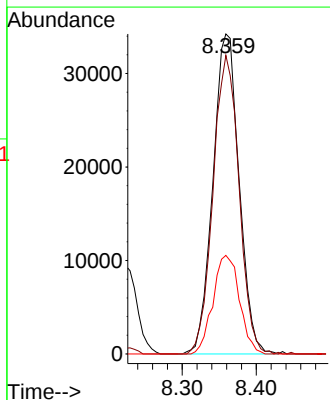
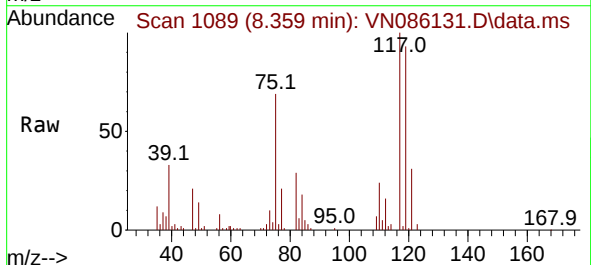
Manual Integrations
APPROVED

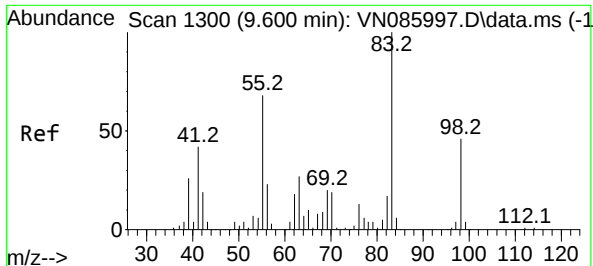
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#38
Carbon Tetrachloride
Concen: 19.579 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion:117 Resp: 83863
Ion Ratio Lower Upper
117 100
119 93.3 77.0 115.4
121 30.8 25.6 38.4





#39

Methylcyclohexane

Concen: 18.874 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086131.D

Acq: 26 Mar 2025 17:12

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBSD01

Tgt Ion: 83 Resp: 6100

Ion Ratio Lower Upper

83 100

55 77.2 54.2 81.2

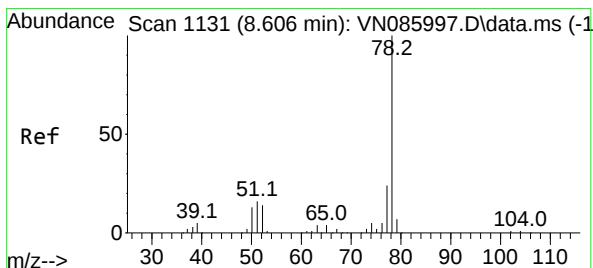
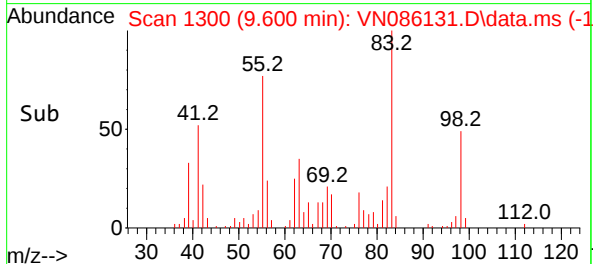
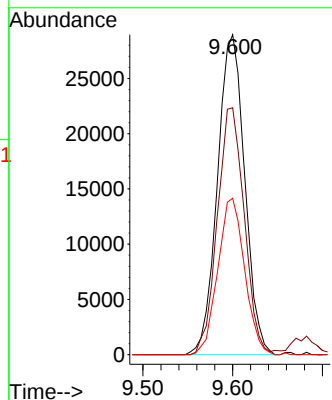
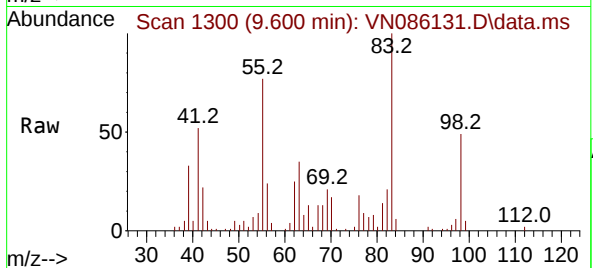
98 48.9 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#40

Benzene

Concen: 21.290 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086131.D

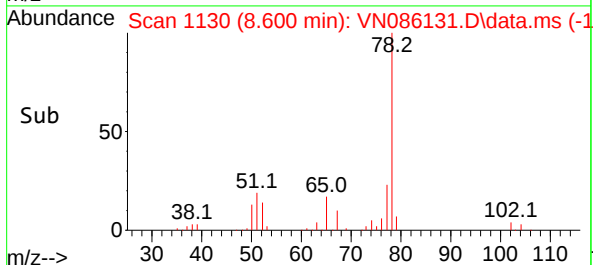
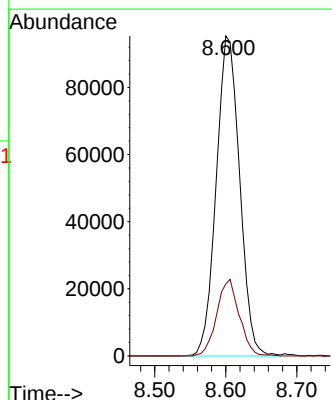
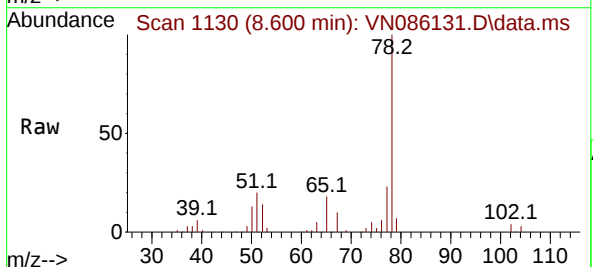
Acq: 26 Mar 2025 17:12

Tgt Ion: 78 Resp: 217729

Ion Ratio Lower Upper

78 100

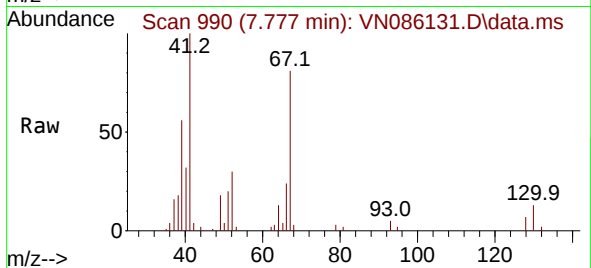
77 22.5 18.9 28.3





#41
Methacrylonitrile
Concen: 22.888 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

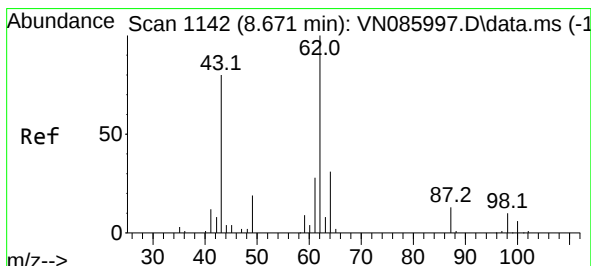
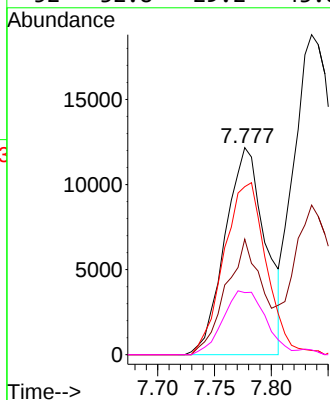
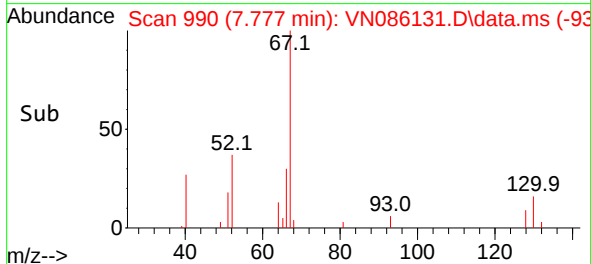
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion: 41 Resp: 3003
Ion Ratio Lower Upper
41 100
39 49.4 46.2 69.2
67 87.8 75.9 113.9
52 32.8 29.2 43.8

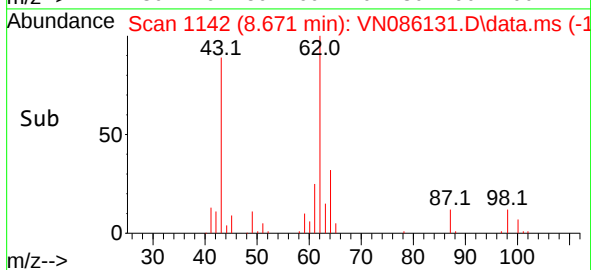
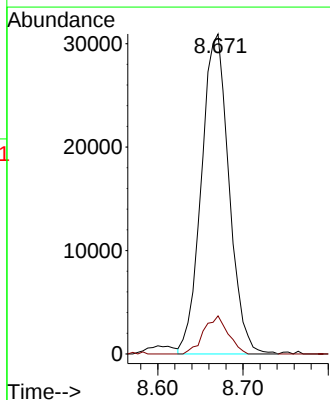
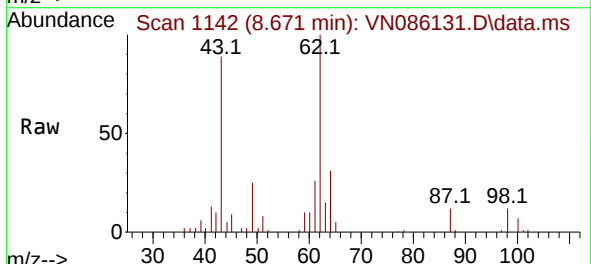
Manual Integrations
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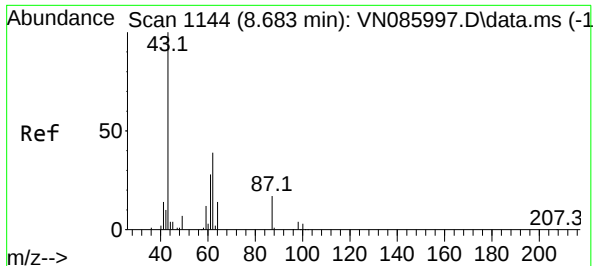
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 19.554 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

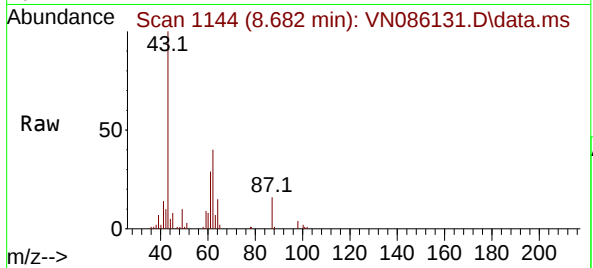
Tgt Ion: 62 Resp: 69679
Ion Ratio Lower Upper
62 100
98 10.6 0.0 18.6





#43
Isopropyl Acetate
Concen: 18.570 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

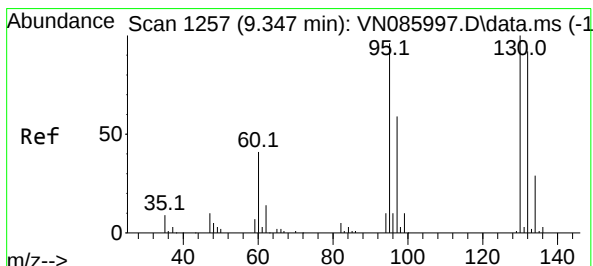
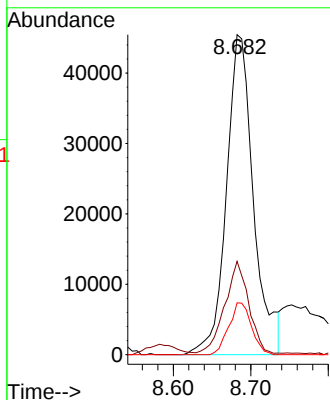
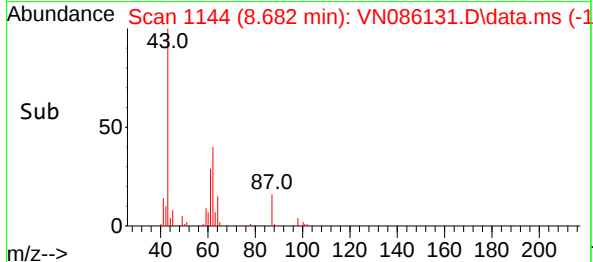
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion: 43 Resp: 11059
Ion Ratio Lower Upper
43 100
61 25.5 25.0 37.6
87 13.6 13.0 19.4

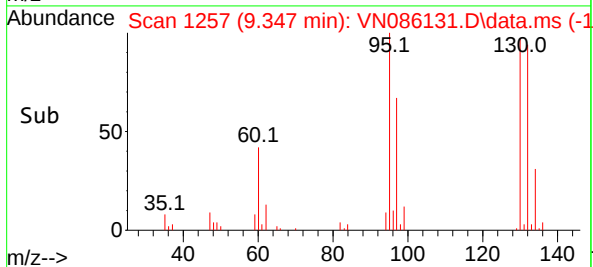
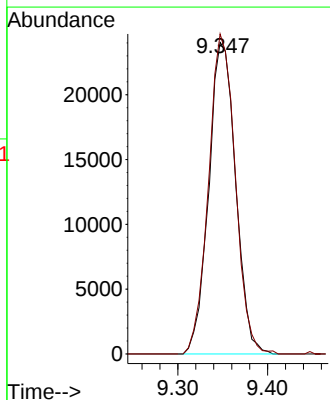
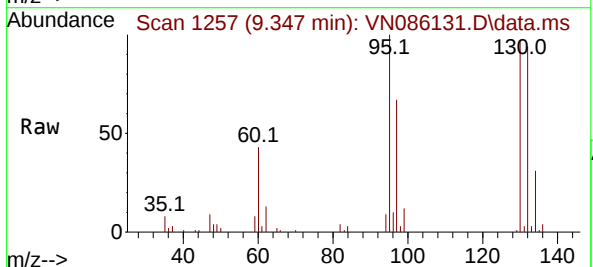
Manual Integrations
APPROVED

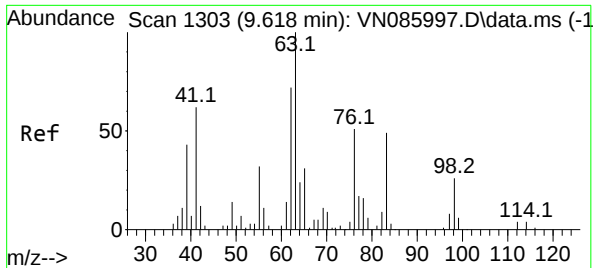
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44
Trichloroethene
Concen: 18.872 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

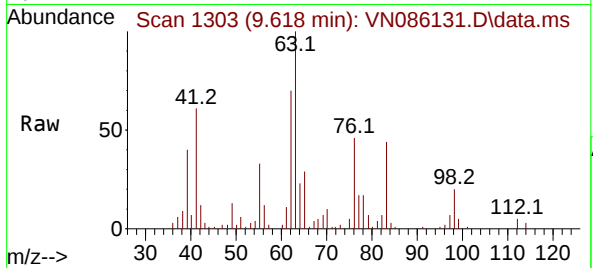
Tgt Ion:130 Resp: 50021
Ion Ratio Lower Upper
130 100
95 102.7 0.0 191.6





#45
1,2-Dichloropropane
Concen: 22.369 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

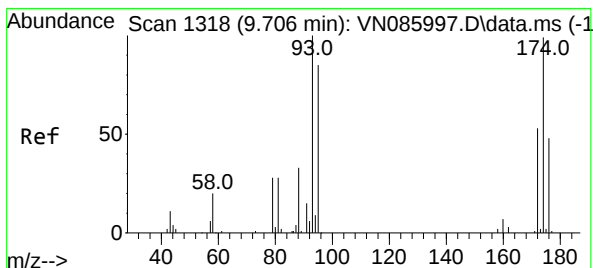
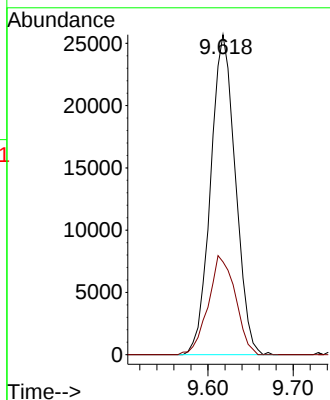
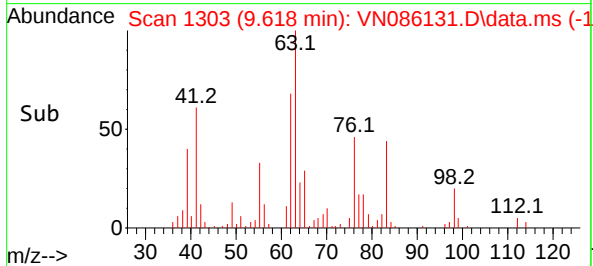
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion: 63 Resp: 52030
Ion Ratio Lower Upper
63 100
65 29.0 24.7 37.1

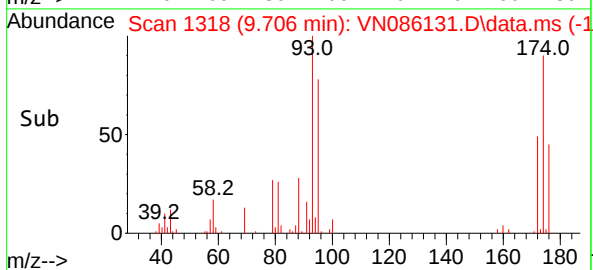
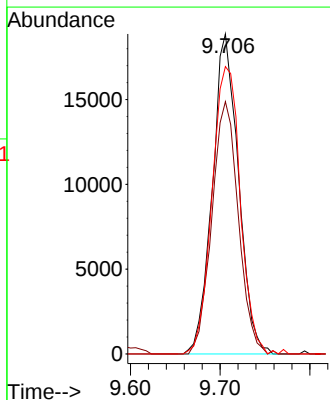
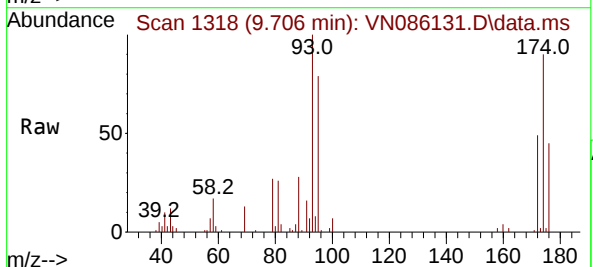
Manual Integrations
APPROVED

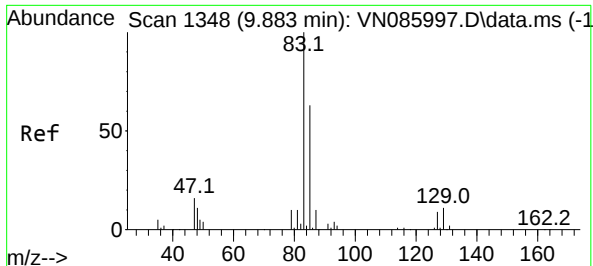
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#46
Dibromomethane
Concen: 20.826 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion: 93 Resp: 38095
Ion Ratio Lower Upper
93 100
95 80.0 66.2 99.2
174 96.9 80.1 120.1





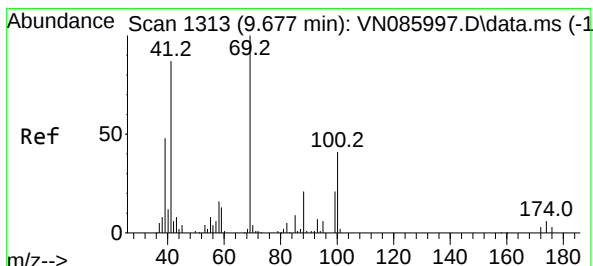
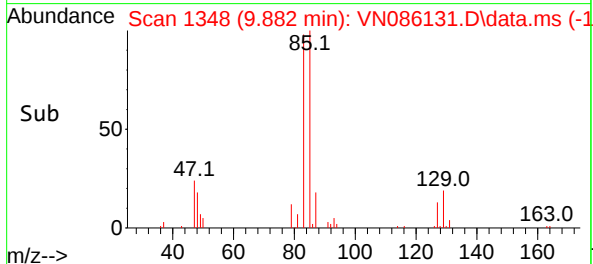
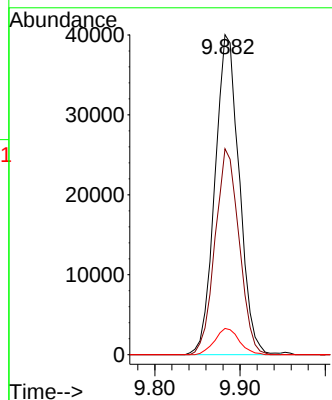
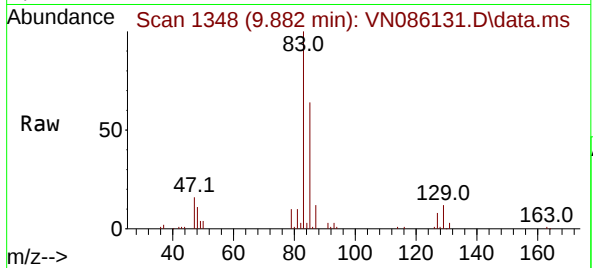
#47
Bromodichloromethane
Concen: 20.737 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion: 83 Resp: 79279
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.2
127 8.2 7.1 10.7

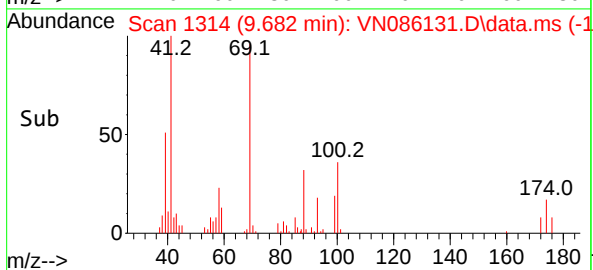
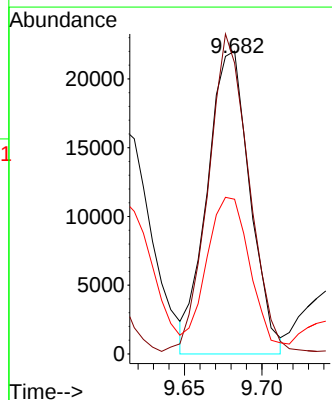
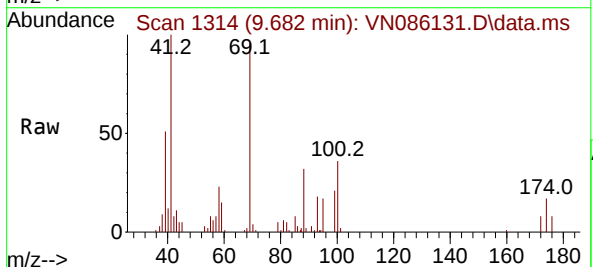
Manual Integrations
APPROVED

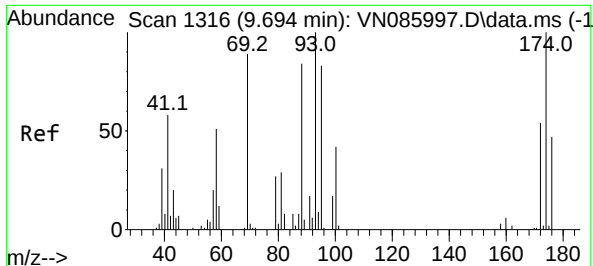
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48
Methyl methacrylate
Concen: 21.483 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion: 41 Resp: 42220
Ion Ratio Lower Upper
41 100
69 102.0 83.1 124.7
39 54.4 45.6 68.4





#49

1,4-Dioxane

Concen: 402.349 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086131.D

Acq: 26 Mar 2025 17:12

Instrument :

MSVOA_N

ClientSampleId :

VN0326WBSD01

Tgt Ion: 88 Resp: 1869

Ion Ratio Lower Upper

88 100

43 22.1 21.7 32.5

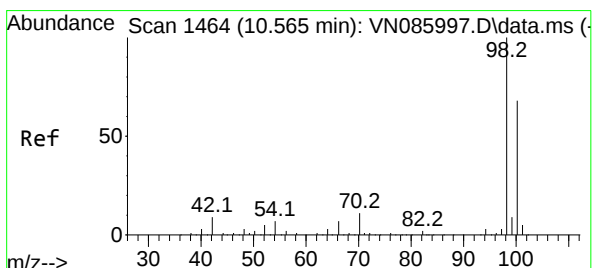
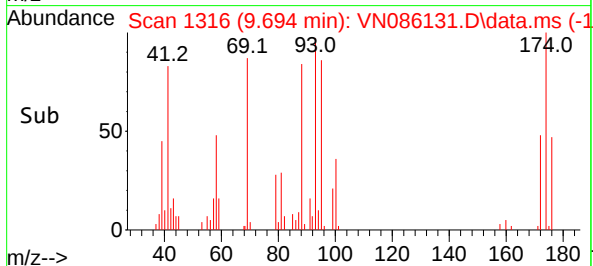
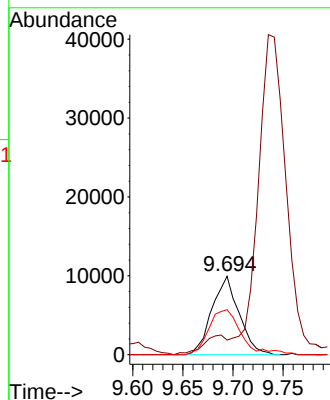
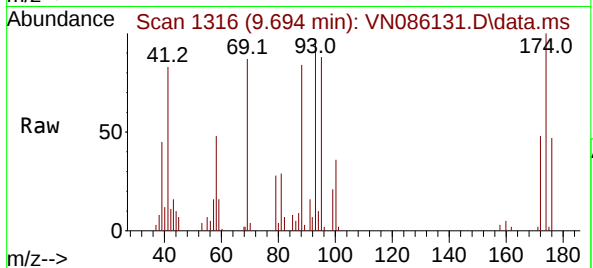
58 68.7 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#50

Toluene-d8

Concen: 51.257 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086131.D

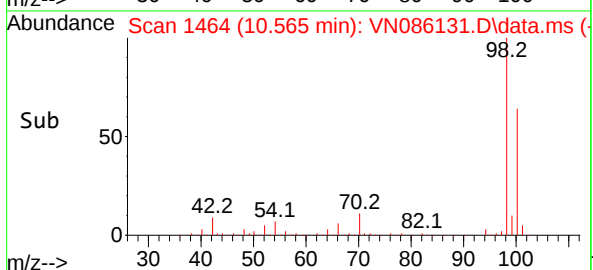
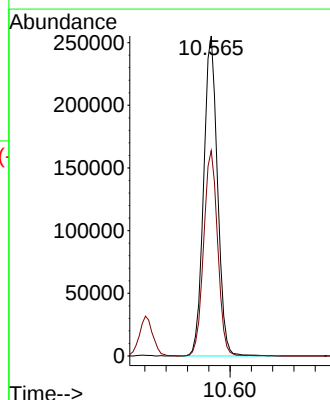
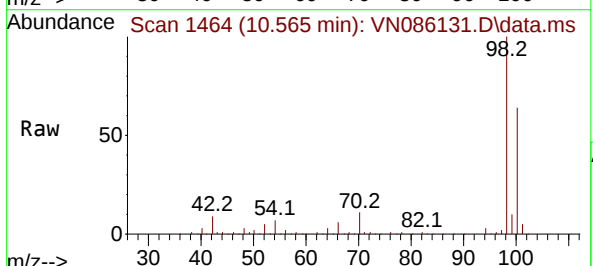
Acq: 26 Mar 2025 17:12

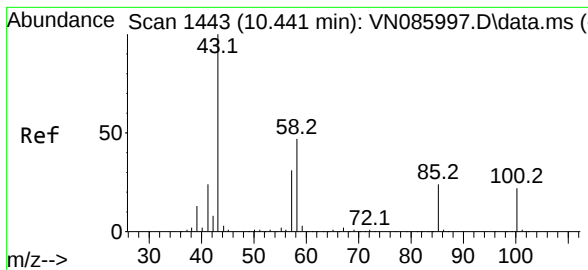
Tgt Ion: 98 Resp: 460234

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7





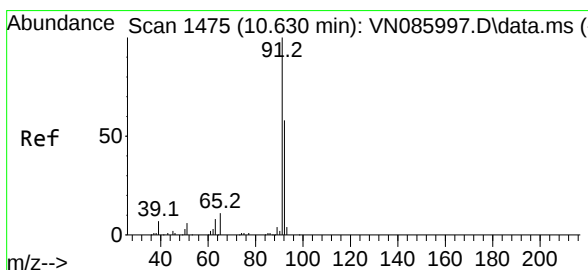
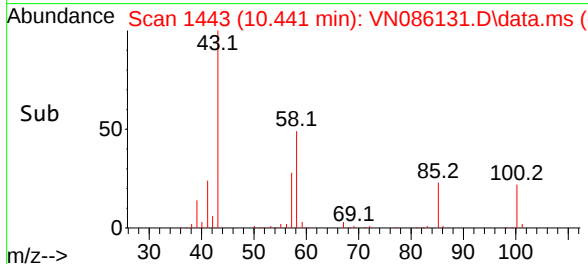
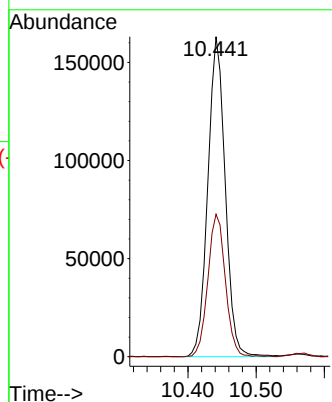
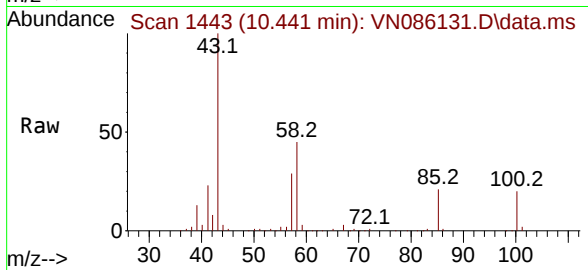
#51
4-Methyl-2-Pentanone
Concen: 110.179 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion: 43 Resp: 28938
Ion Ratio Lower Upper
43 100
58 44.9 37.4 56.0

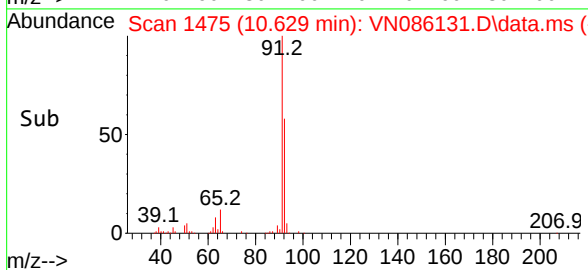
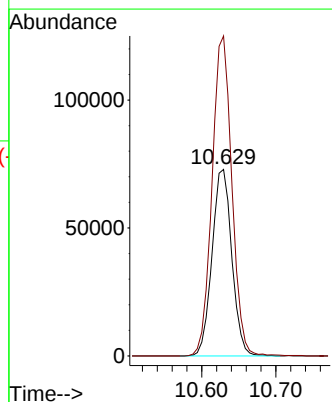
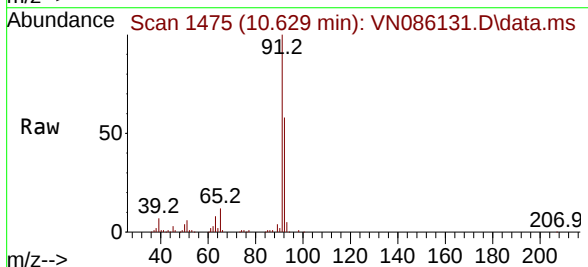
Manual Integrations
APPROVED

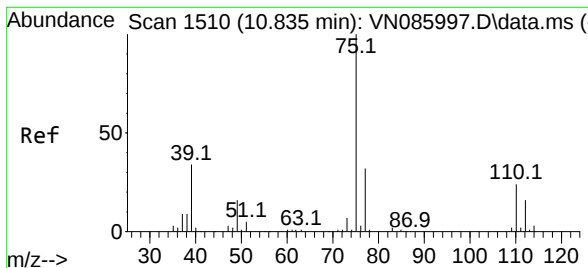
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 21.527 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

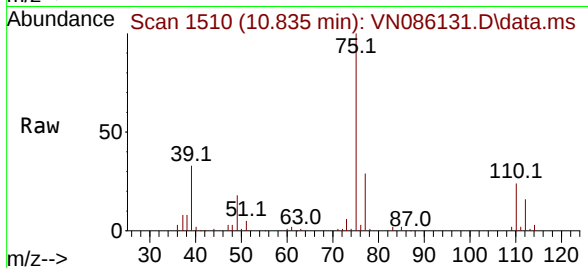
Tgt Ion: 92 Resp: 135113
Ion Ratio Lower Upper
92 100
91 171.9 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 20.408 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

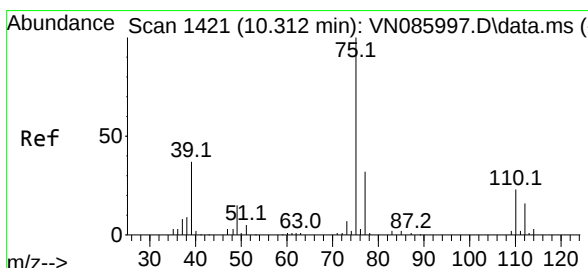
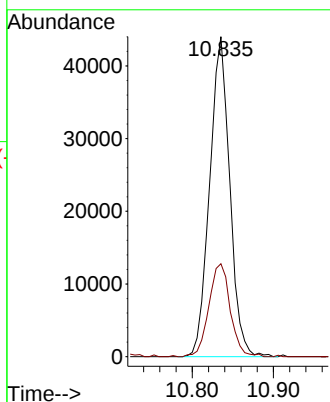
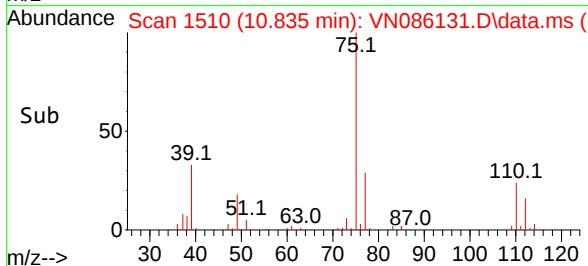
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



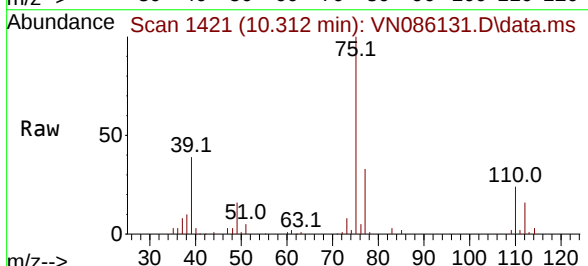
Tgt Ion: 75 Resp: 7577
Ion Ratio Lower Upper
75 100
77 29.0 25.3 37.9

Manual Integrations
APPROVED

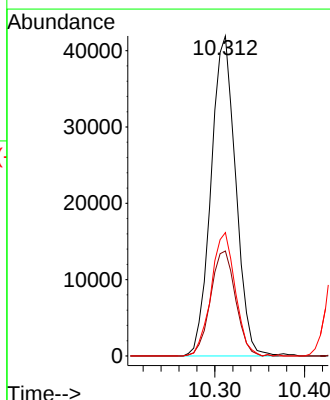
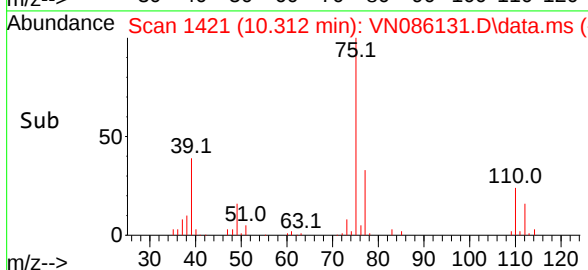
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

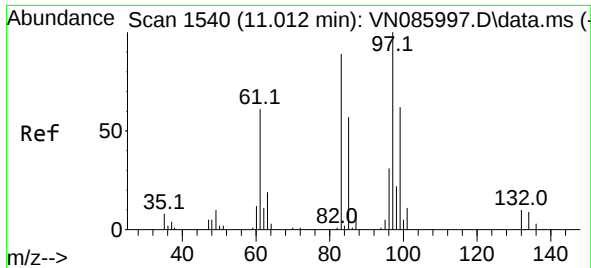


#54
cis-1,3-Dichloropropene
Concen: 20.388 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12



Tgt Ion: 75 Resp: 79864
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
39 38.6 29.6 44.4





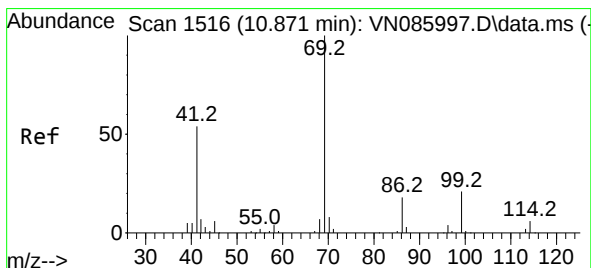
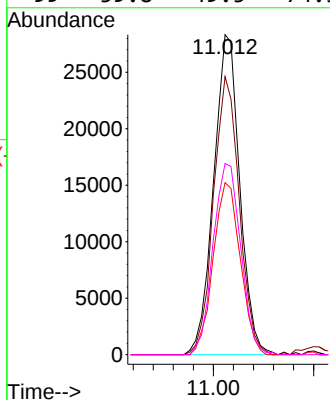
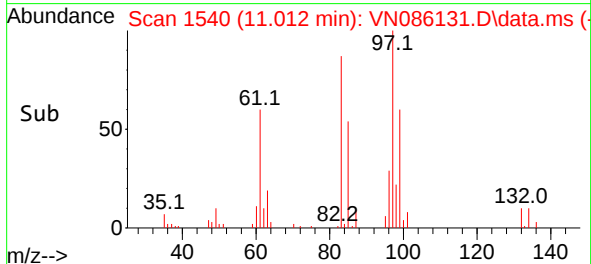
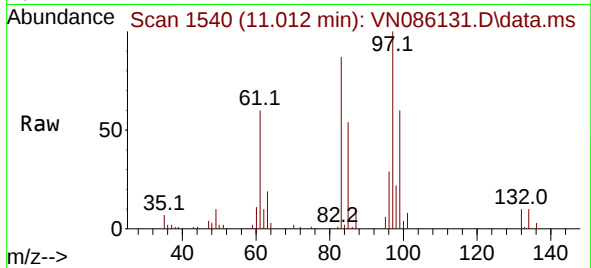
#55
1,1,2-Trichloroethane
Concen: 21.355 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument : MSVOA_N
ClientSampleId : VN0326WBSD01

Tgt Ion: 97	Resp: 5115
Ion Ratio	Lower Upper
97 100	
83 86.9	71.2 106.8
85 53.8	45.4 68.0
99 59.8	49.5 74.3

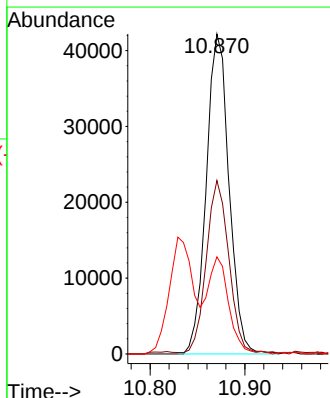
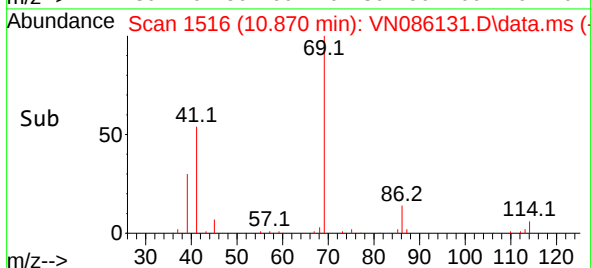
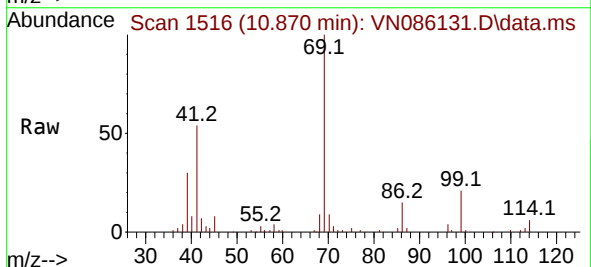
Manual Integrations
APPROVED

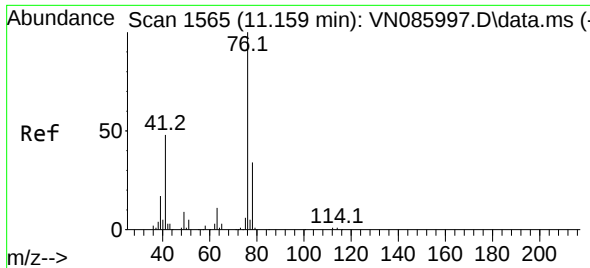
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#56
Ethyl methacrylate
Concen: 21.381 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

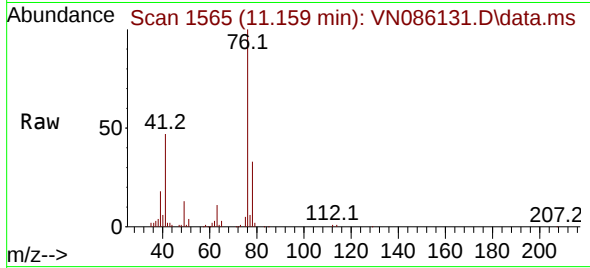
Tgt Ion: 69	Resp: 70485
Ion Ratio	Lower Upper
69 100	
41 54.4	41.6 62.4
39 28.2	21.8 32.8





#57
1,3-Dichloropropane
Concen: 20.647 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

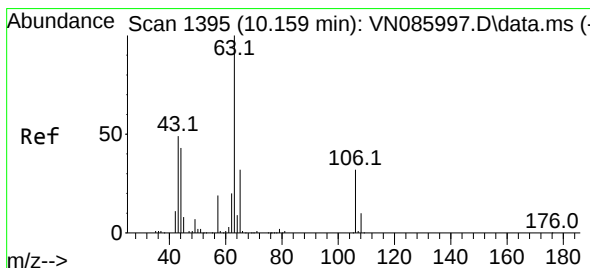
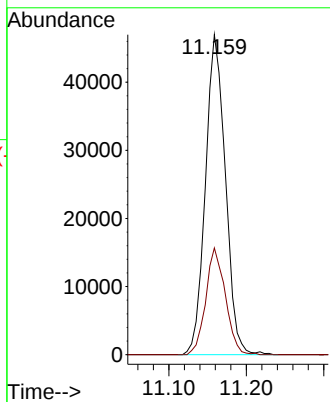
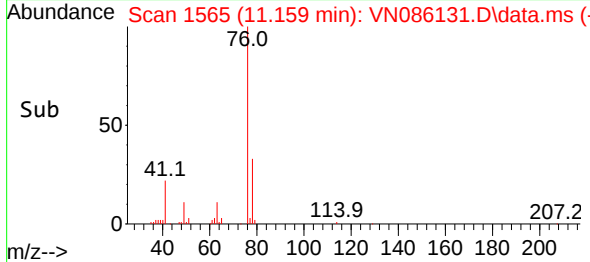
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion: 76 Resp: 84009
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

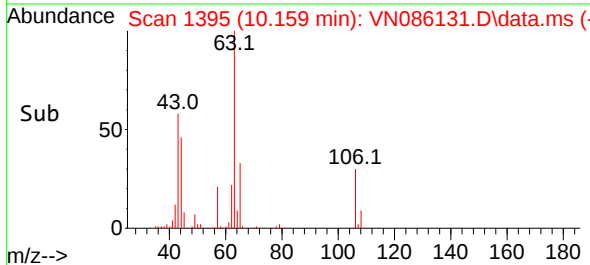
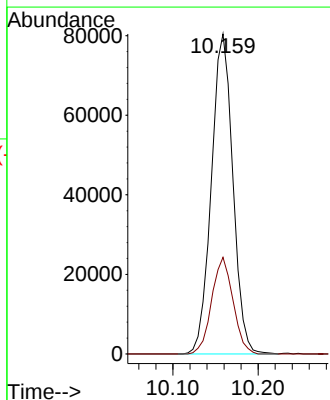
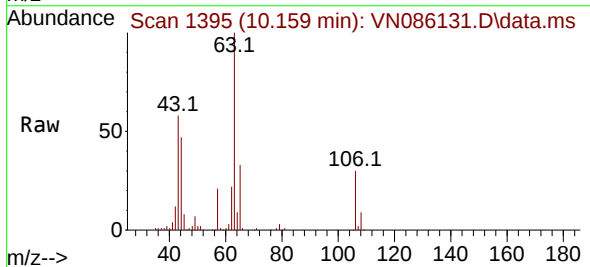
Manual Integrations
APPROVED

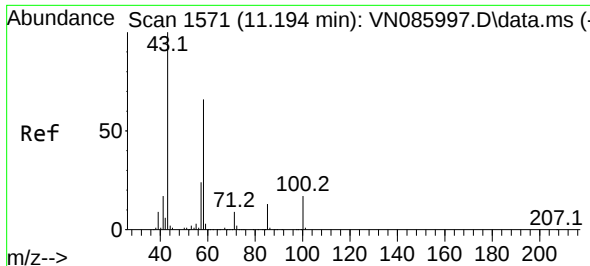
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 112.402 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

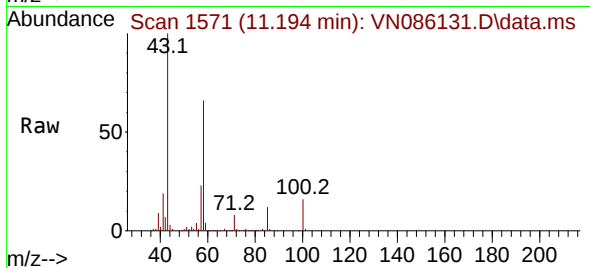
Tgt Ion: 63 Resp: 140874
Ion Ratio Lower Upper
63 100
106 29.9 25.0 37.6





#59
2-Hexanone
Concen: 107.774 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

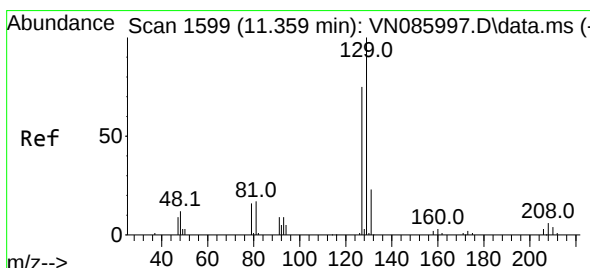
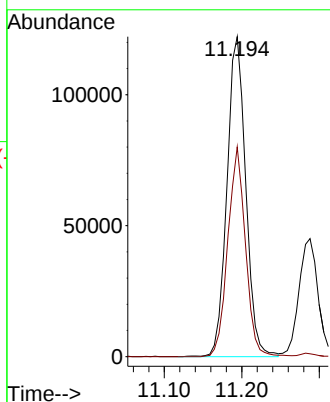
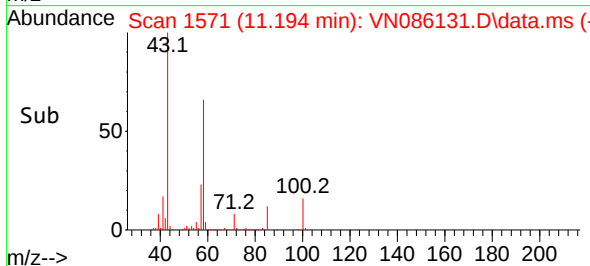
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion: 43 Resp: 20621
Ion Ratio Lower Upper
43 100
58 61.8 32.4 97.2

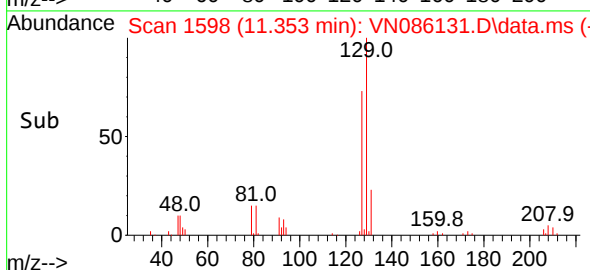
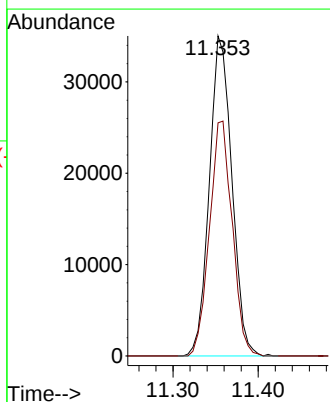
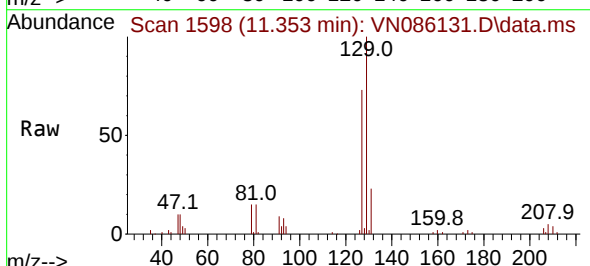
Manual Integrations
APPROVED

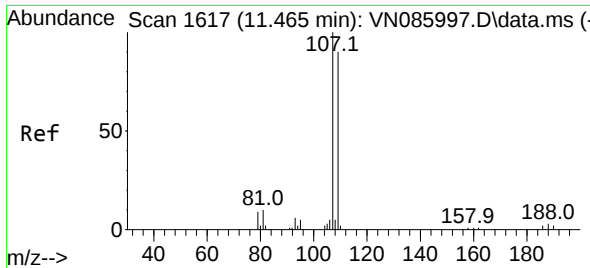
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#60
Dibromochloromethane
Concen: 20.816 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion:129 Resp: 64348
Ion Ratio Lower Upper
129 100
127 74.0 37.8 113.4





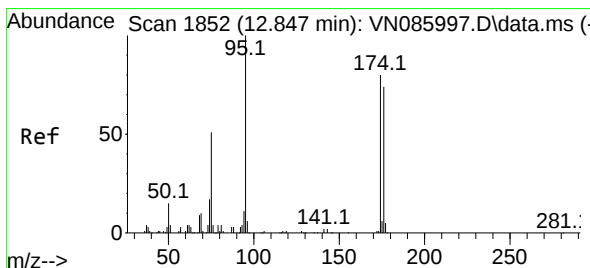
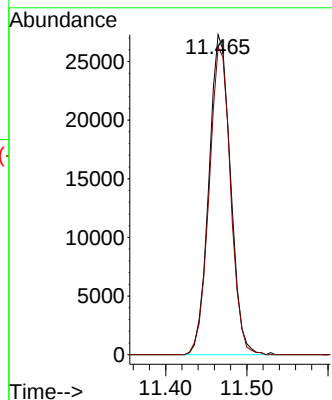
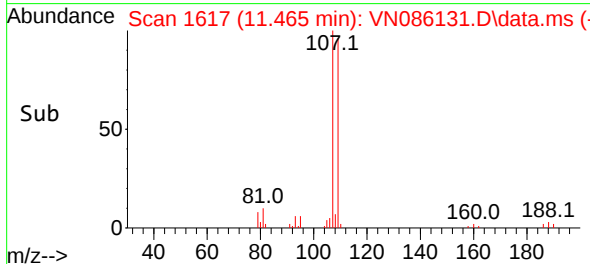
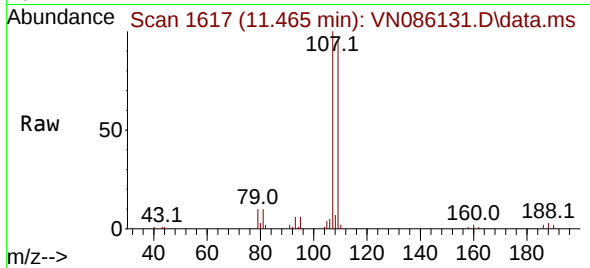
#61
1,2-Dibromoethane
Concen: 20.509 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion:107 Resp: 50440
Ion Ratio Lower Upper
107 100
109 95.1 73.3 109.9

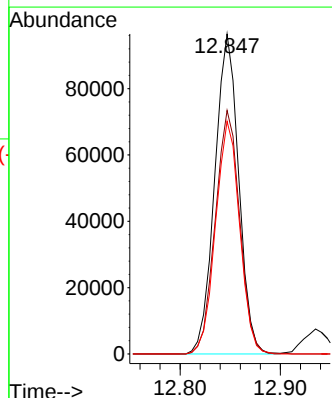
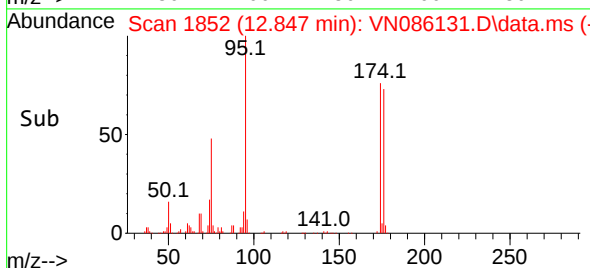
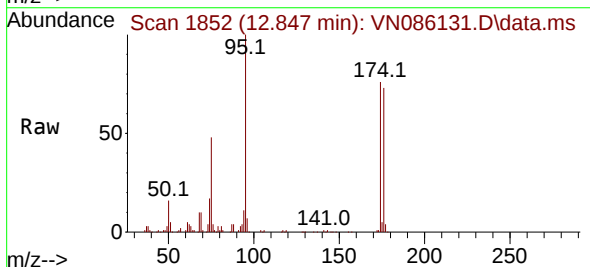
Manual Integrations
APPROVED

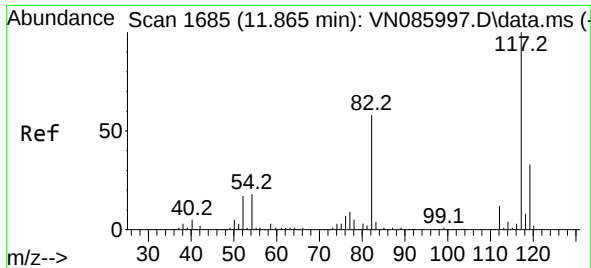
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 50.020 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

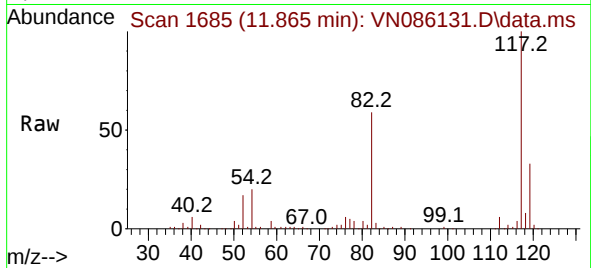
Tgt Ion: 95 Resp: 160171
Ion Ratio Lower Upper
95 100
174 77.6 0.0 156.8
176 73.1 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

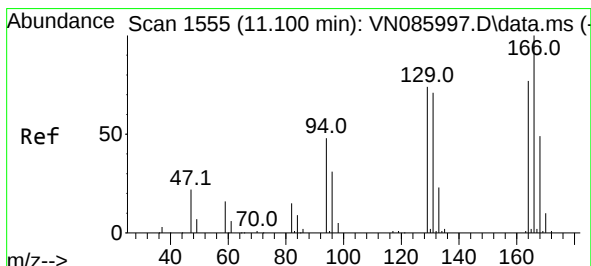
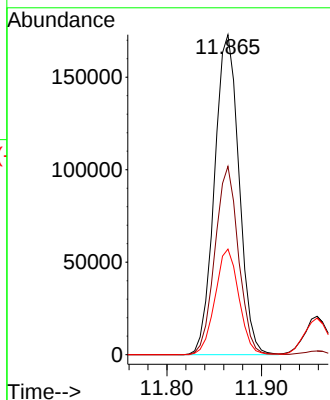
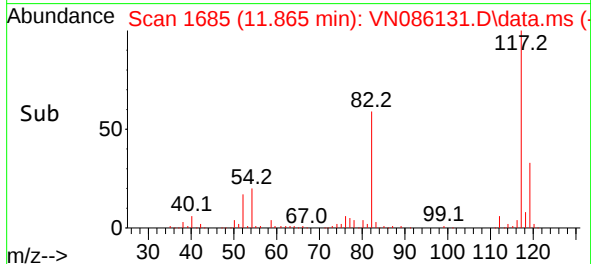
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



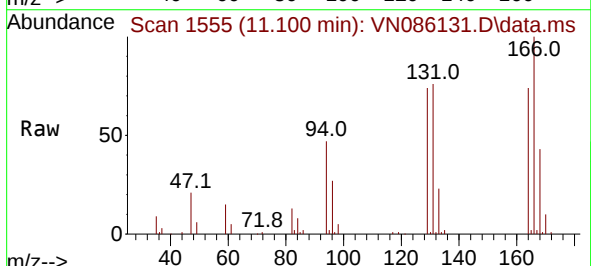
Tgt Ion:117 Resp: 311562
Ion Ratio Lower Upper
117 100
82 58.9 46.7 70.1
119 33.0 26.5 39.7

Manual Integrations
APPROVED

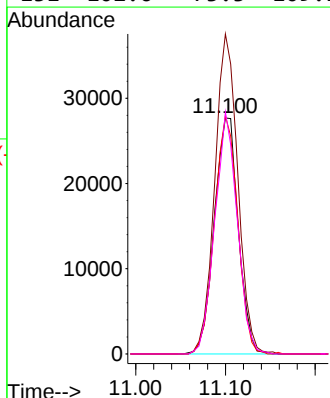
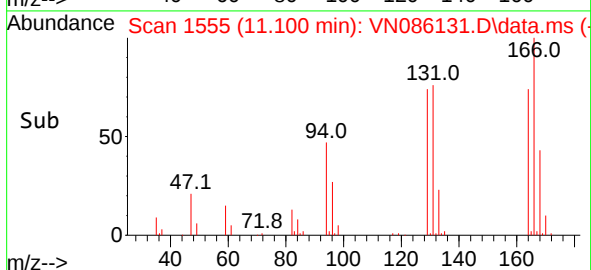
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

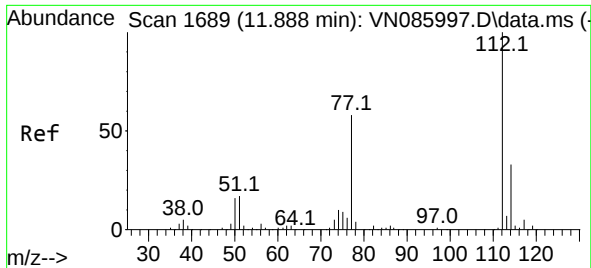


#64
Tetrachloroethene
Concen: 20.696 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12



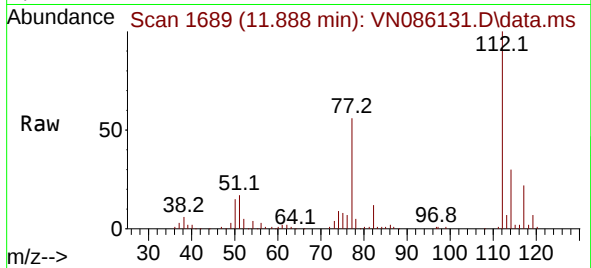
Tgt Ion:164 Resp: 51436
Ion Ratio Lower Upper
164 100
166 135.6 103.7 155.5
129 100.9 77.1 115.7
131 102.6 73.3 109.9





#65
Chlorobenzene
Concen: 20.515 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

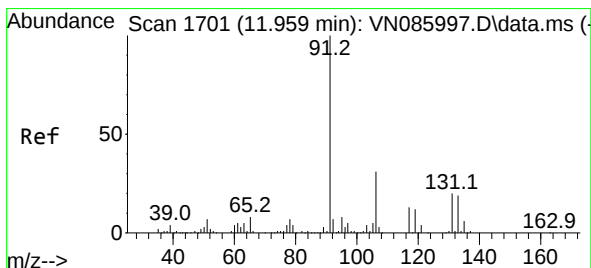
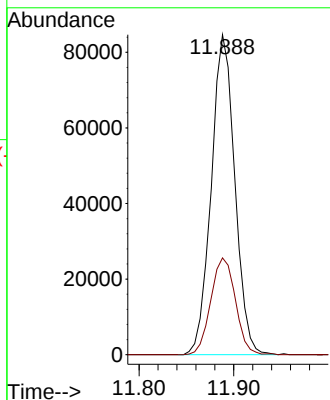
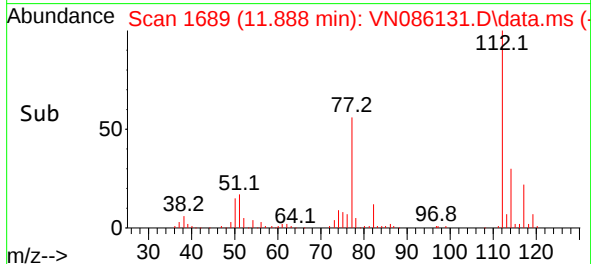
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion:112 Resp: 146258
Ion Ratio Lower Upper
112 100
114 30.3 26.3 39.5

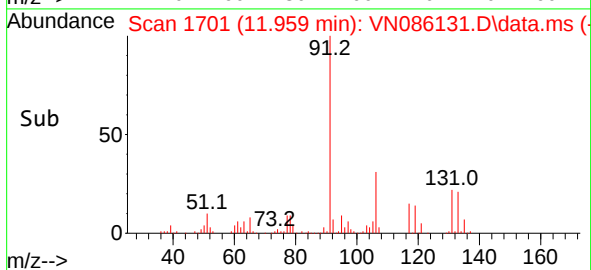
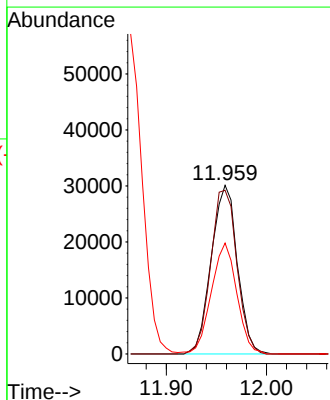
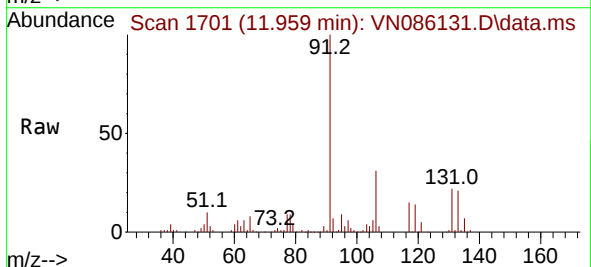
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.500 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

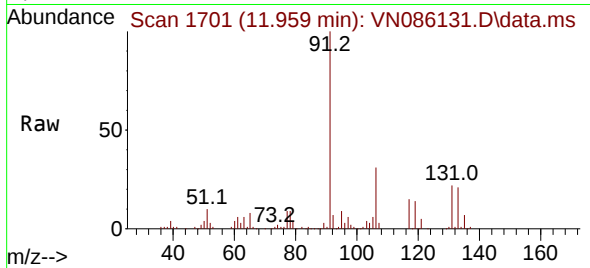
Tgt Ion:131 Resp: 54330
Ion Ratio Lower Upper
131 100
133 97.9 47.0 141.0
119 64.5 31.4 94.0





#67
Ethyl Benzene
Concen: 20.726 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

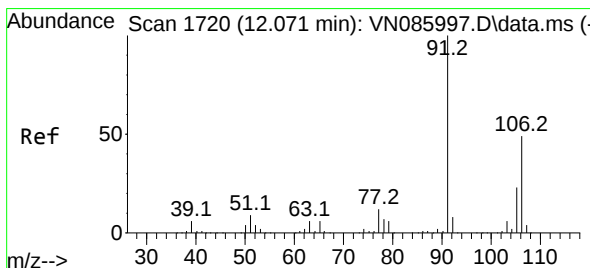
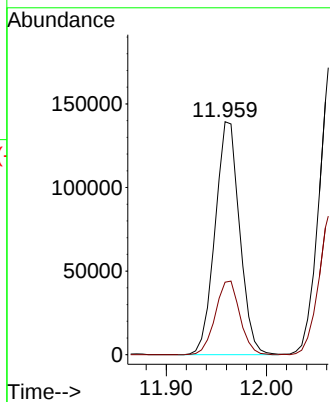
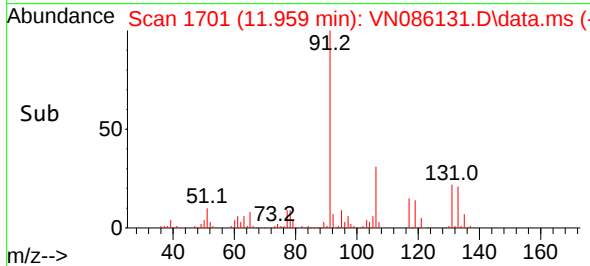
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



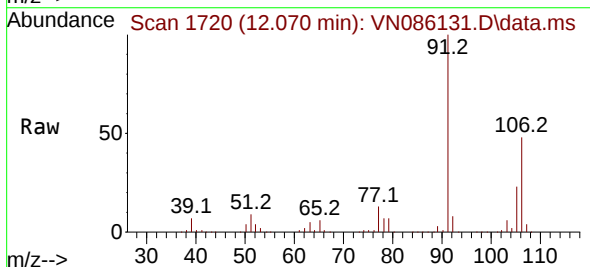
Tgt Ion: 91 Resp: 236360
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

Manual Integrations
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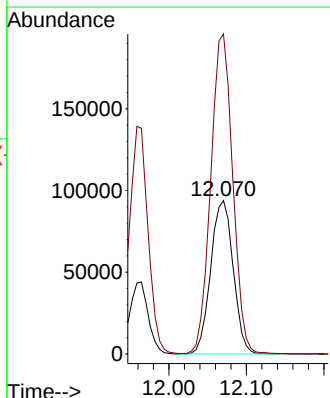
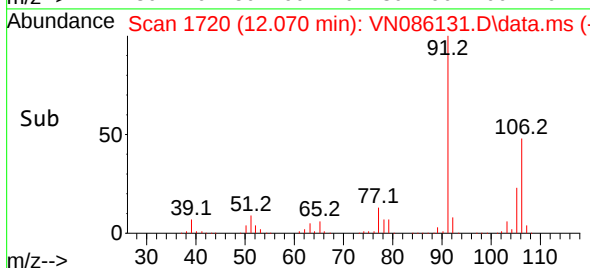
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

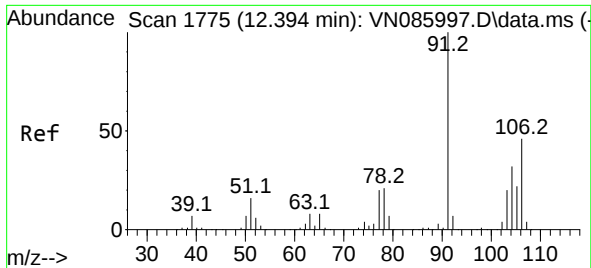


#68
m/p-Xylenes
Concen: 42.141 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12



Tgt Ion:106 Resp: 188896
Ion Ratio Lower Upper
106 100
91 204.5 163.9 245.9





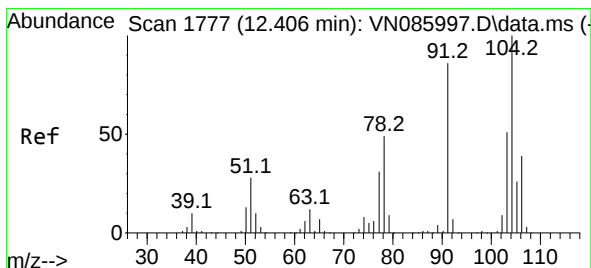
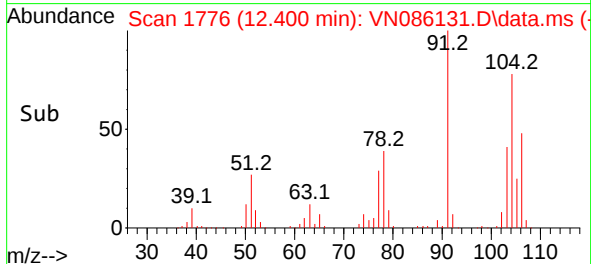
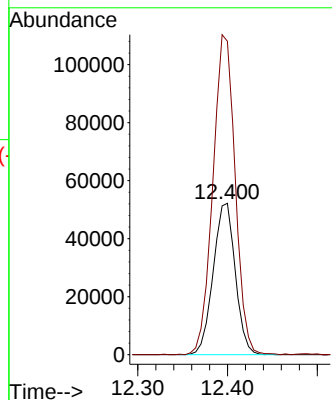
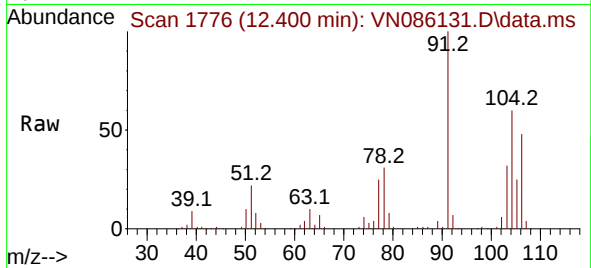
#69
o-Xylene
Concen: 21.663 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion:106 Resp: 89120
Ion Ratio Lower Upper
106 100
91 213.5 109.1 327.2

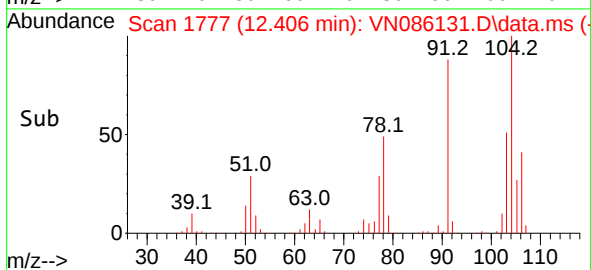
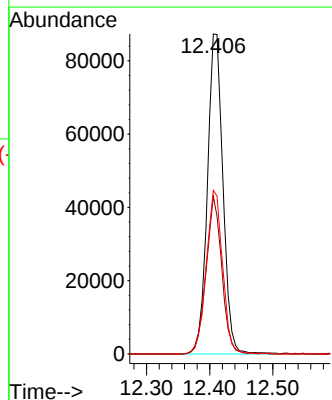
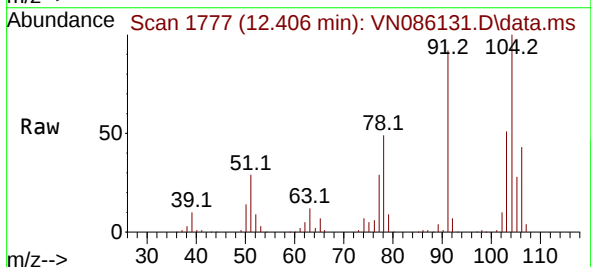
Manual Integrations
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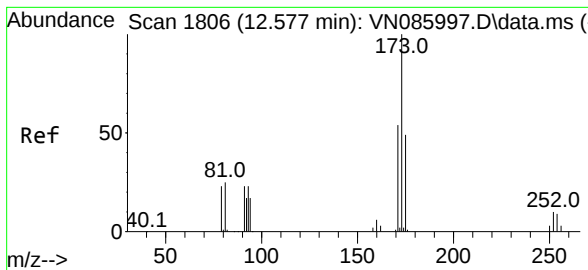
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 21.242 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion:104 Resp: 149266
Ion Ratio Lower Upper
104 100
78 49.9 41.4 62.2
103 53.7 42.9 64.3





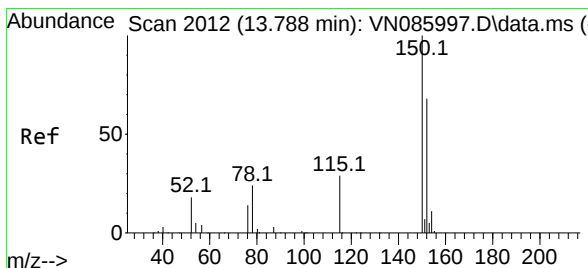
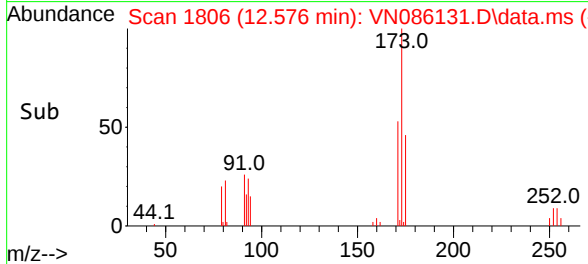
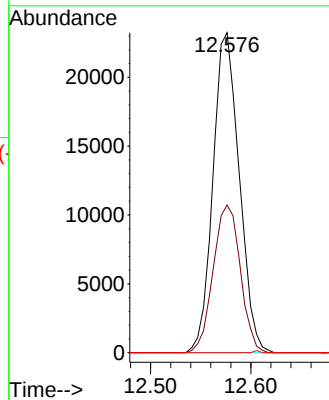
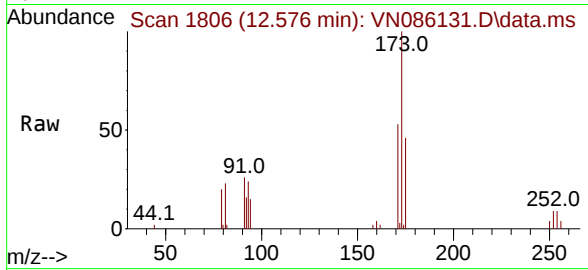
#71
Bromoform
Concen: 19.105 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion:173 Resp: 4232
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.0 0.0 0.0

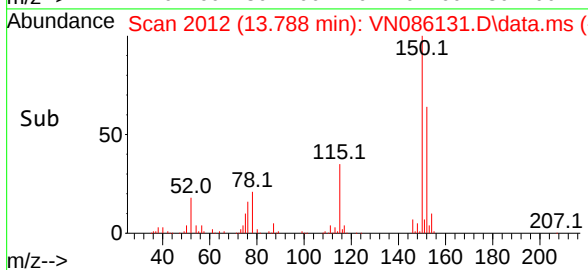
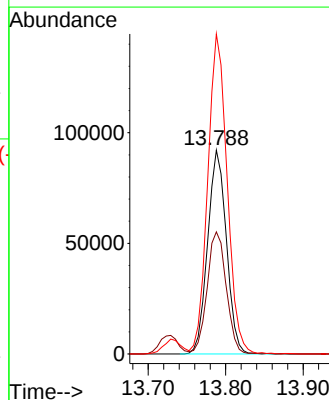
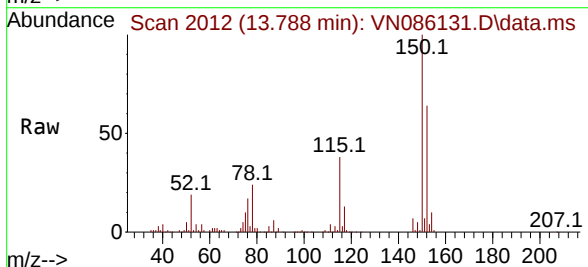
Manual Integrations
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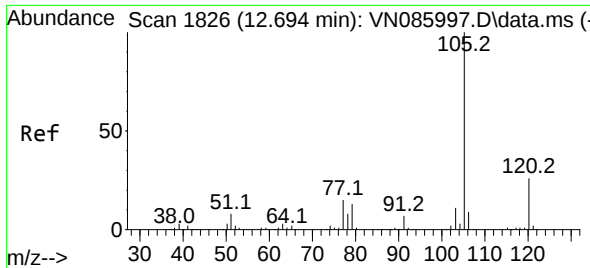
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

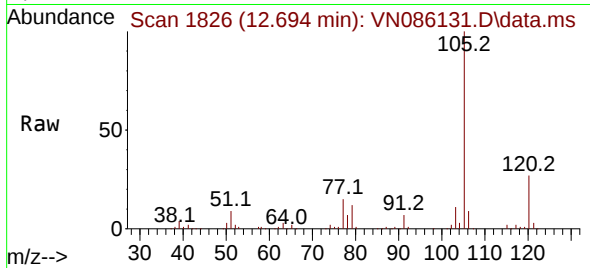
Tgt Ion:152 Resp: 154805
Ion Ratio Lower Upper
152 100
115 61.1 31.1 93.2
150 162.3 0.0 359.6





#73
Isopropylbenzene
Concen: 20.535 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

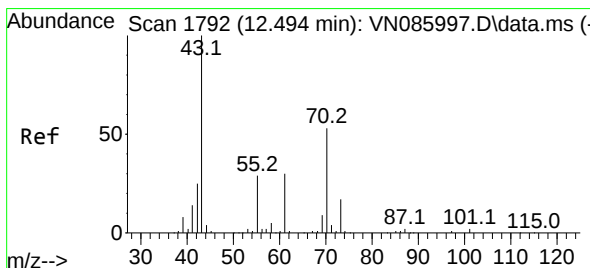
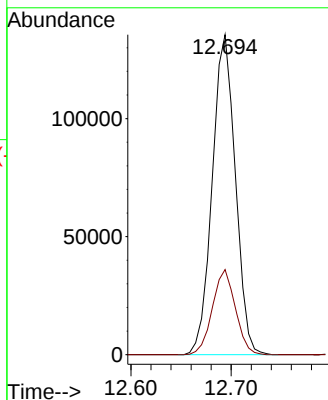
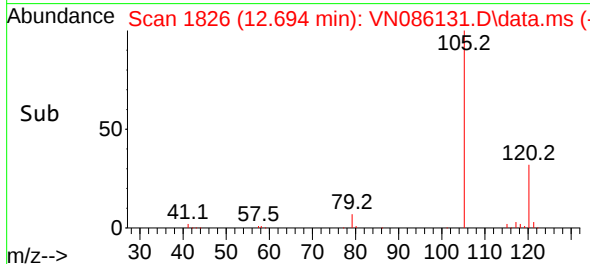
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion:105 Resp: 21708
Ion Ratio Lower Upper
105 100
120 26.4 13.0 39.0

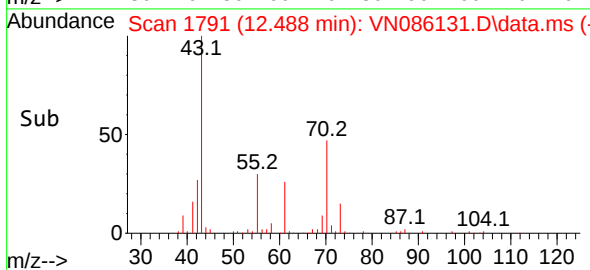
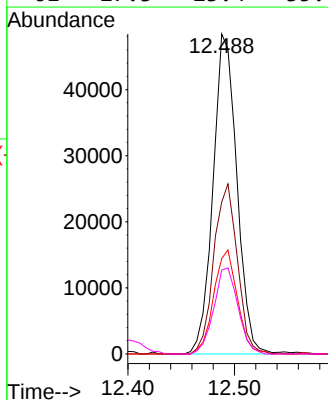
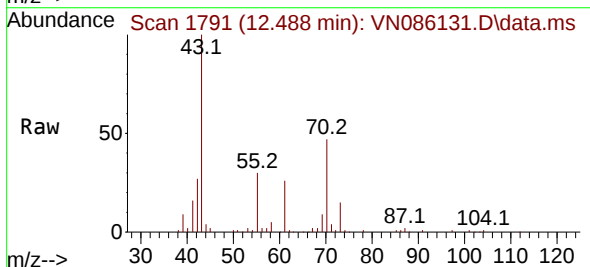
Manual Integrations
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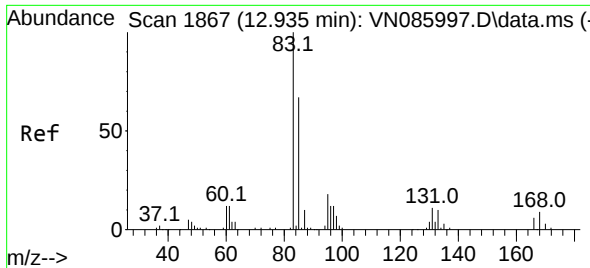
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 21.270 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

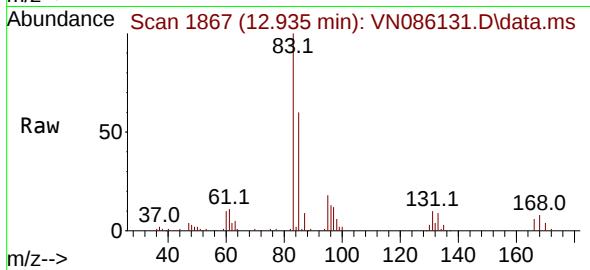
Tgt Ion: 43 Resp: 75230
Ion Ratio Lower Upper
43 100
70 52.4 43.0 64.4
55 32.3 23.8 35.8
61 27.3 23.4 35.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.287 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086131.D
 Acq: 26 Mar 2025 17:12

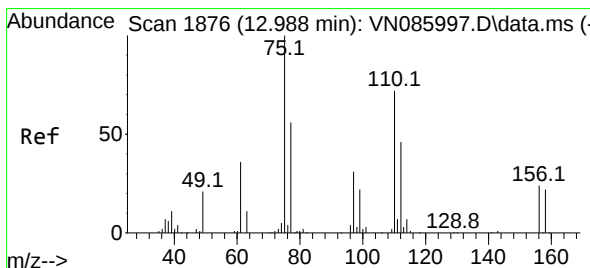
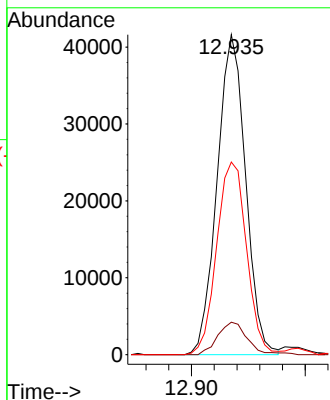
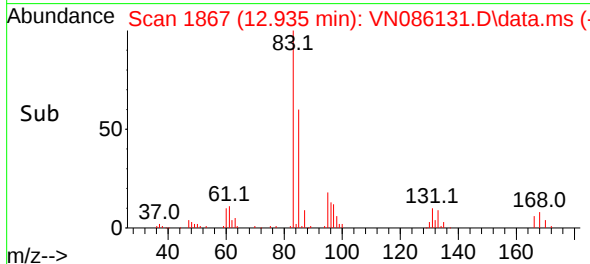
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBSD01



Tgt Ion: 83 Resp: 72550
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.5 16.5
 85 63.0 32.6 97.8

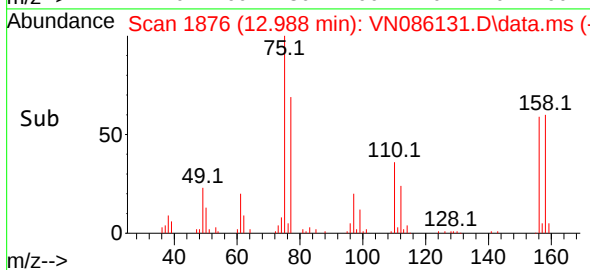
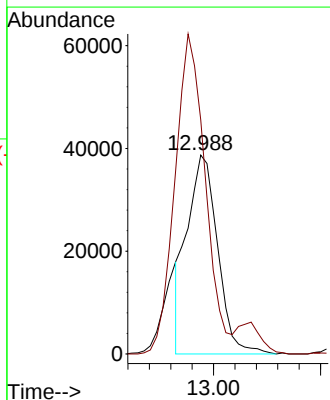
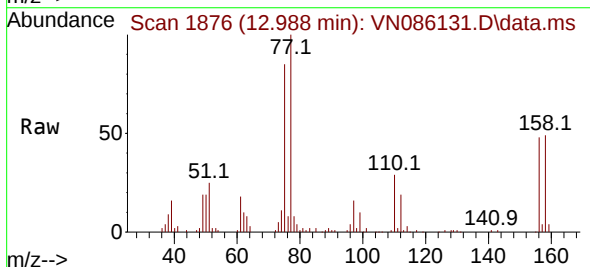
Manual Integrations
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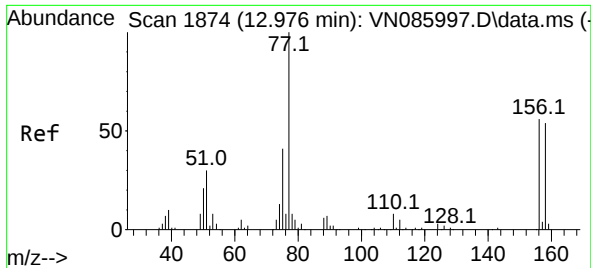
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#76
 1,2,3-Trichloropropane
 Concen: 22.188 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086131.D
 Acq: 26 Mar 2025 17:12

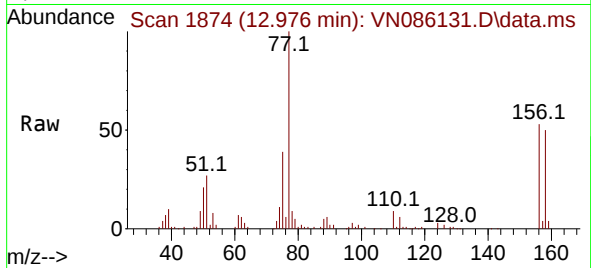
Tgt Ion: 75 Resp: 76899
 Ion Ratio Lower Upper
 75 100
 77 159.6 83.7 251.0





#77
Bromobenzene
Concen: 19.745 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

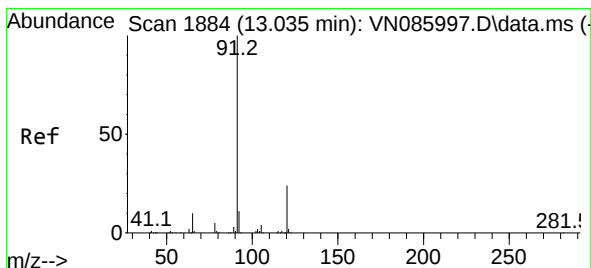
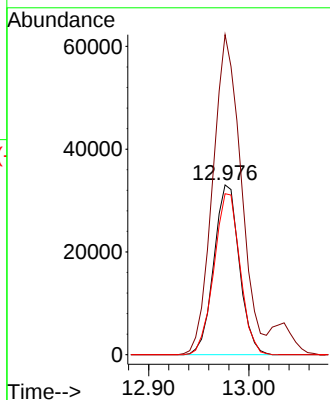
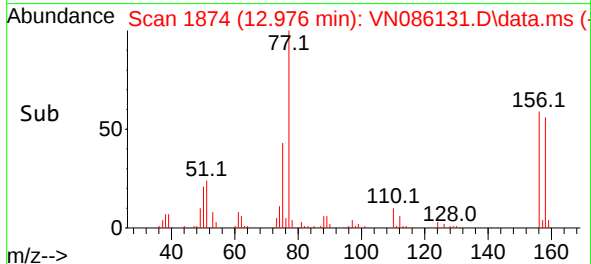
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



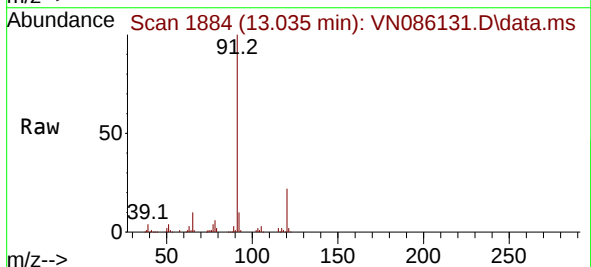
Tgt Ion:156 Resp: 58202
Ion Ratio Lower Upper
156 100
77 210.9 104.1 312.3
158 97.1 49.0 147.0

Manual Integrations
APPROVED

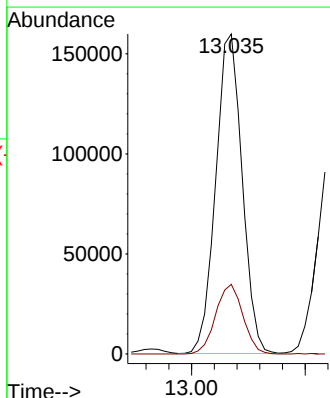
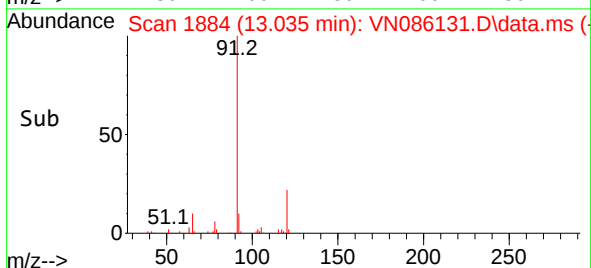
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

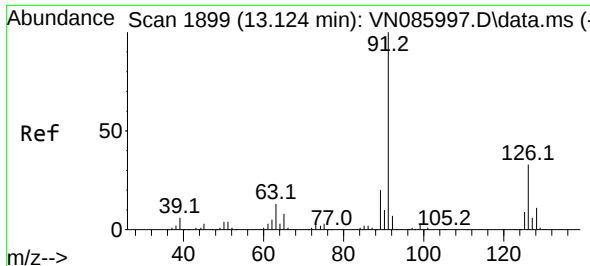


#78
n-propylbenzene
Concen: 21.536 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12



Tgt Ion: 91 Resp: 257802
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.0





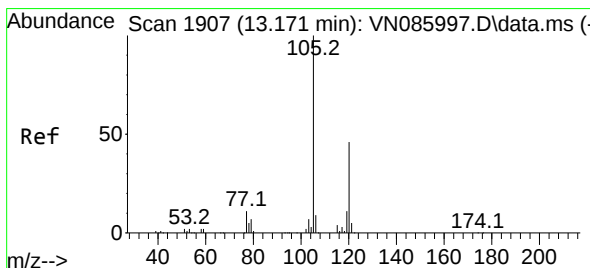
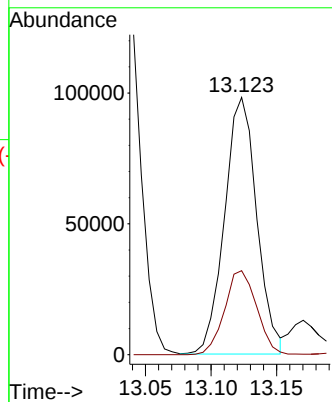
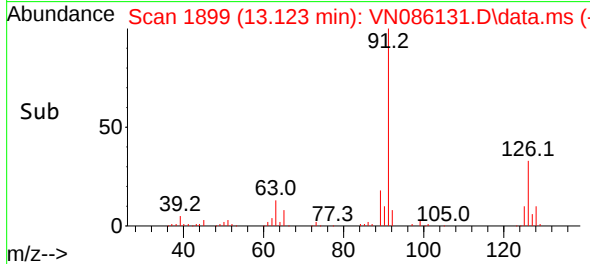
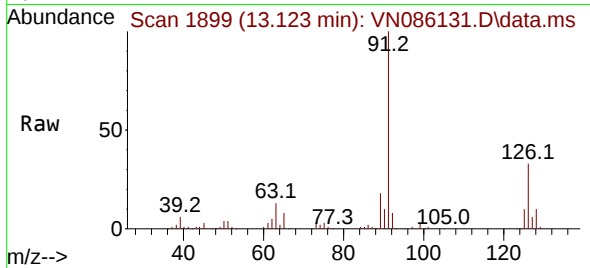
#79
2-Chlorotoluene
Concen: 21.138 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion: 91 Resp: 16806
Ion Ratio Lower Upper
91 100
126 32.6 16.4 49.2

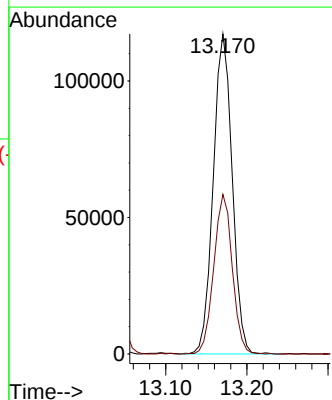
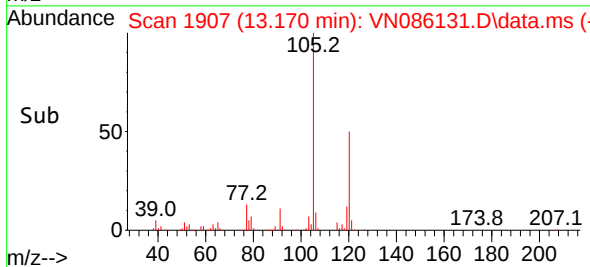
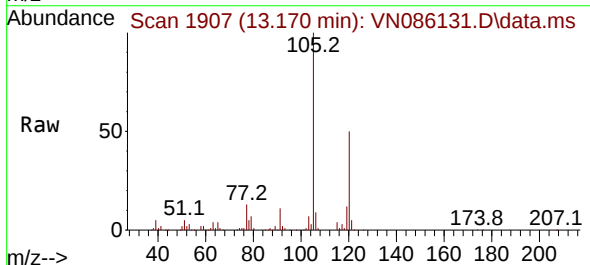
Manual Integrations
APPROVED

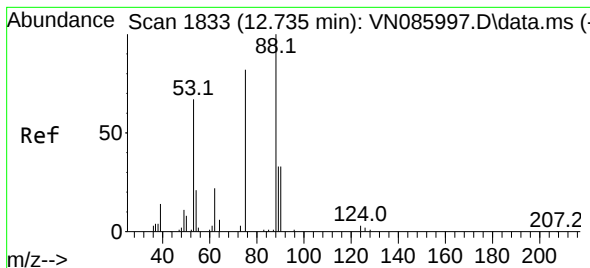
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.292 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

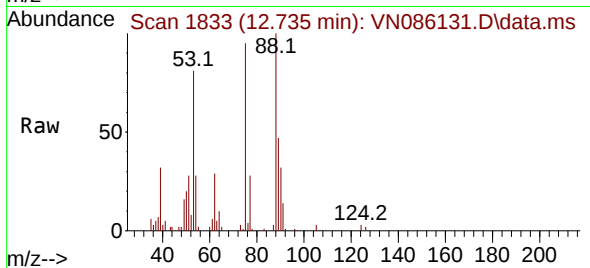
Tgt Ion:105 Resp: 190037
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.516 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

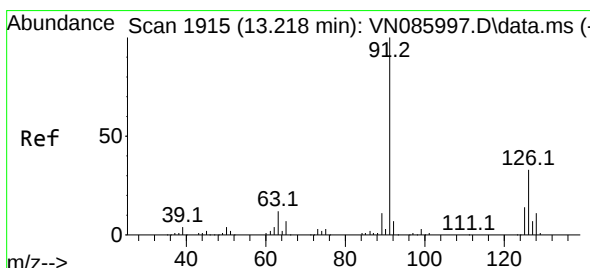
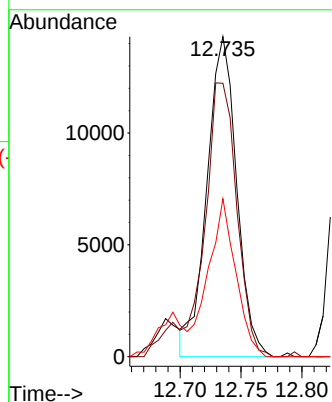
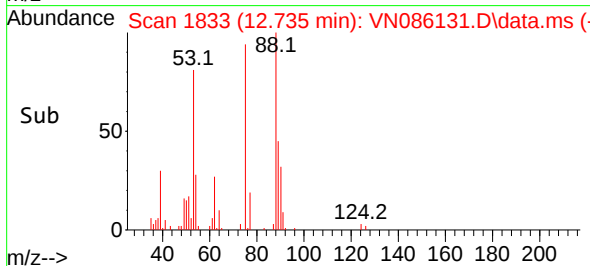
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



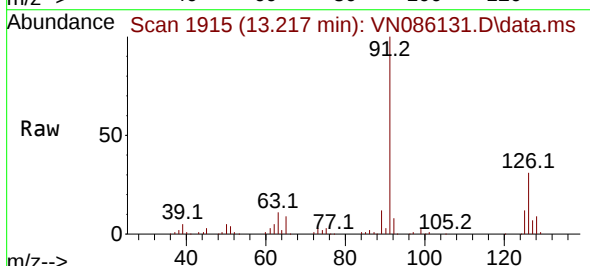
Tgt Ion: 75 Resp: 2427
Ion Ratio Lower Upper
75 100
53 97.7 66.0 99.0
89 45.8 36.9 55.3

Manual Integrations
APPROVED

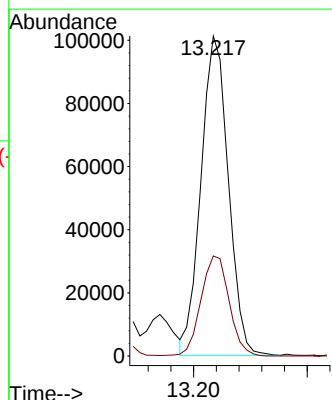
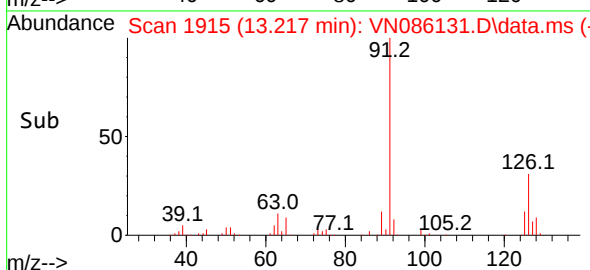
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

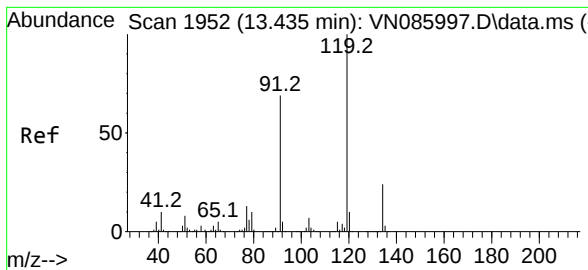


#82
4-Chlorotoluene
Concen: 20.689 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12



Tgt Ion: 91 Resp: 169162
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.2





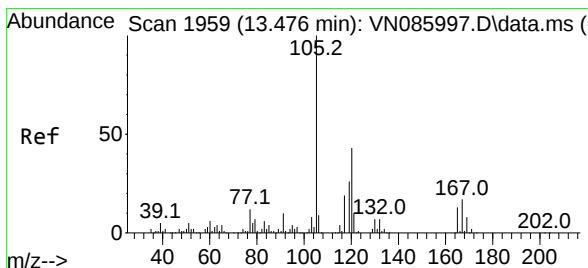
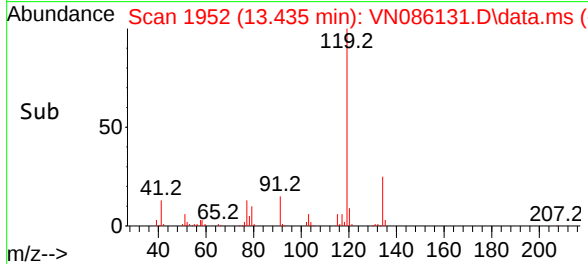
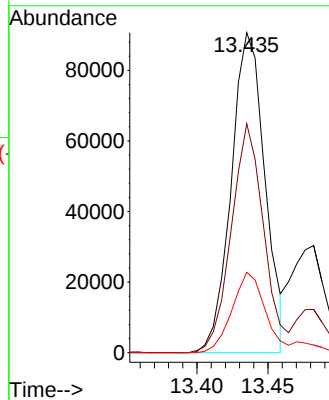
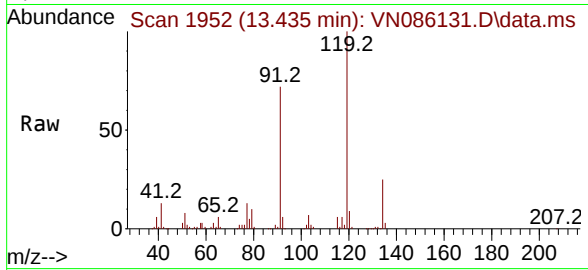
#83
tert-Butylbenzene
Concen: 19.651 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion:119 Resp: 150004
Ion Ratio Lower Upper
119 100
91 69.1 34.3 102.9
134 24.6 13.5 40.5

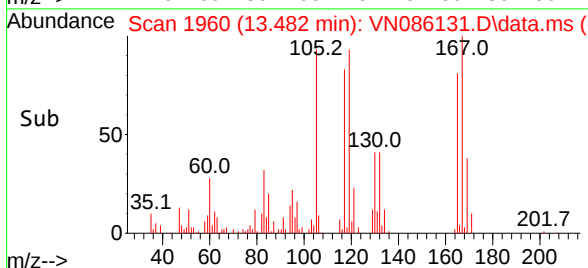
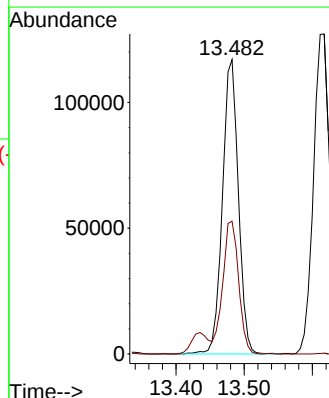
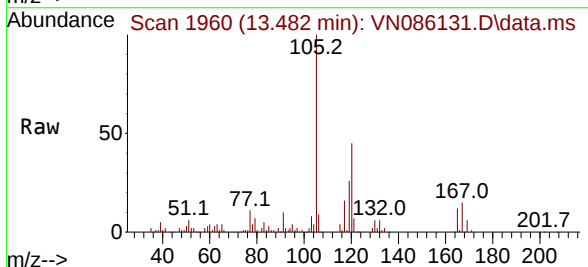
Manual Integrations
APPROVED

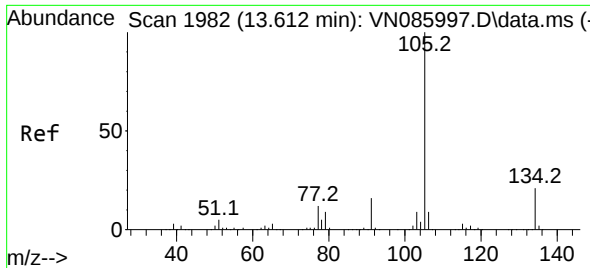
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 21.118 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion:105 Resp: 190106
Ion Ratio Lower Upper
105 100
120 45.1 21.9 65.8





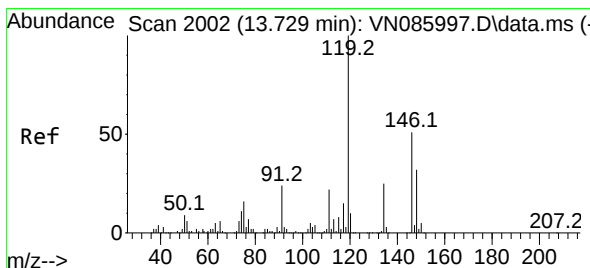
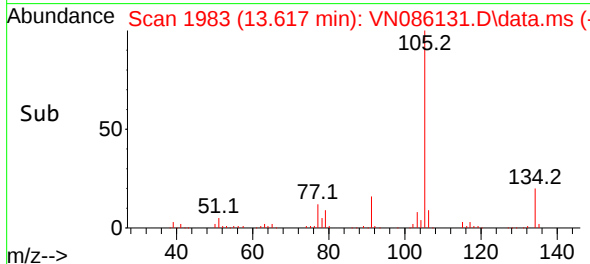
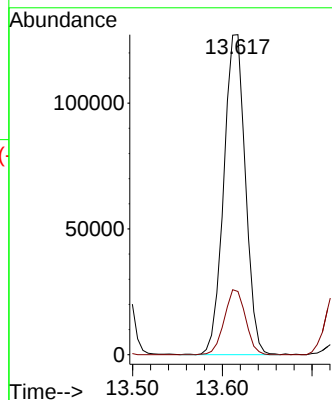
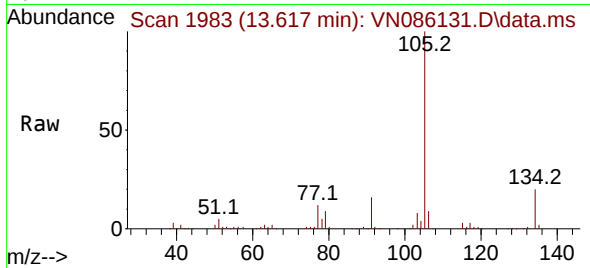
#85
 sec-Butylbenzene
 Concen: 21.391 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN086131.D
 Acq: 26 Mar 2025 17:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBSD01

Tgt Ion:105 Resp: 21301
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1

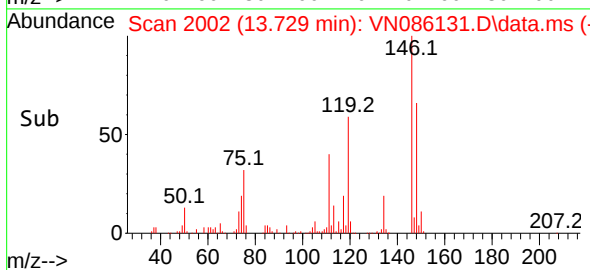
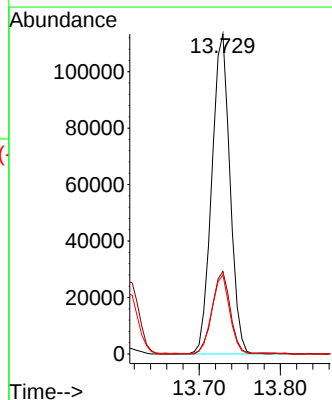
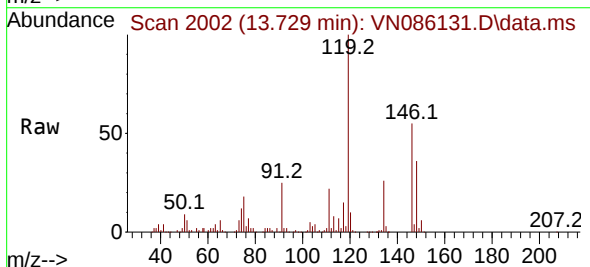
Manual Integrations
 APPROVED

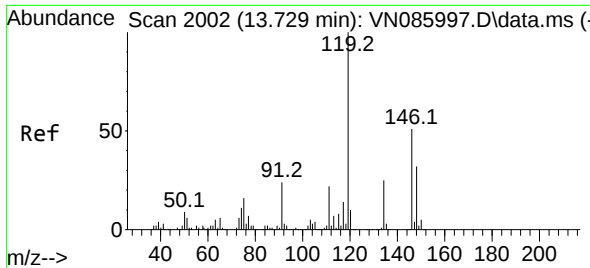
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#86
 p-Isopropyltoluene
 Concen: 20.927 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086131.D
 Acq: 26 Mar 2025 17:12

Tgt Ion:119 Resp: 176409
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.4 12.3 36.8





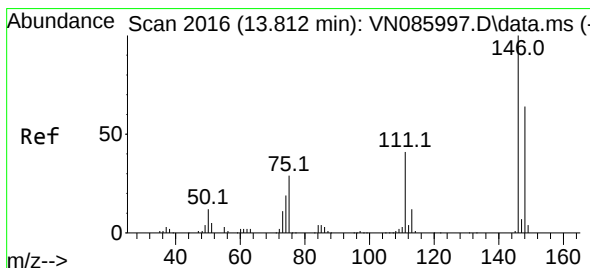
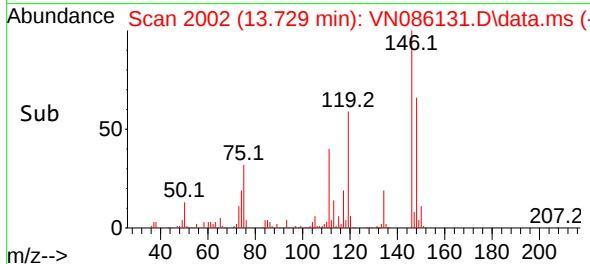
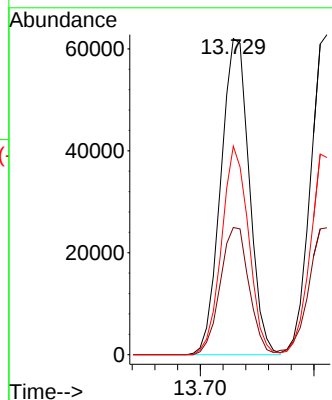
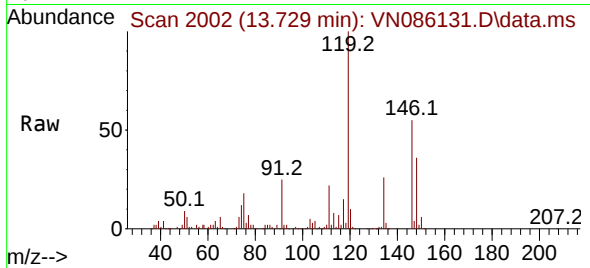
#87
1,3-Dichlorobenzene
Concen: 20.316 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion:146 Resp: 10794
Ion Ratio Lower Upper
146 100
111 40.7 21.2 63.6
148 62.6 31.8 95.4

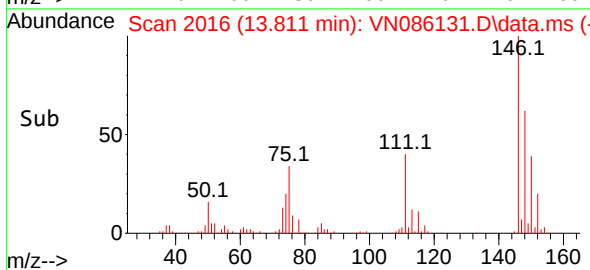
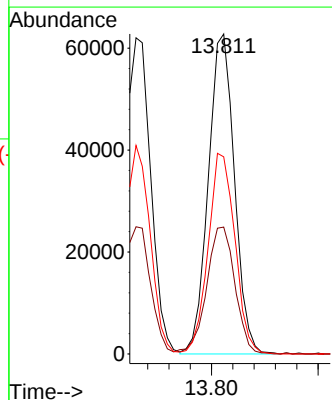
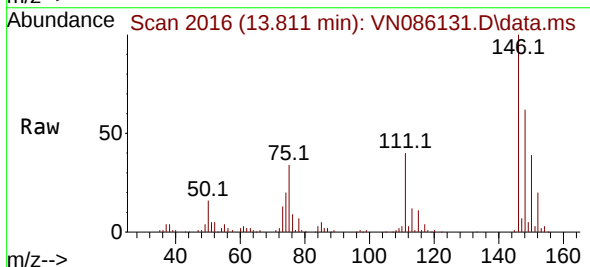
Manual Integrations
APPROVED

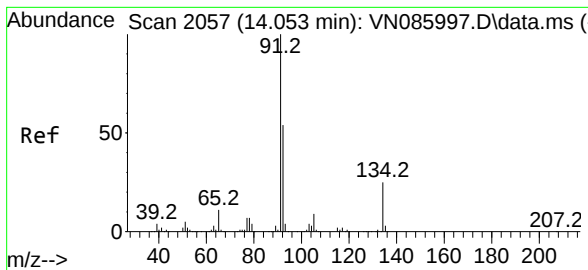
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#88
1,4-Dichlorobenzene
Concen: 19.160 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion:146 Resp: 106961
Ion Ratio Lower Upper
146 100
111 43.1 20.4 61.3
148 64.3 32.1 96.5





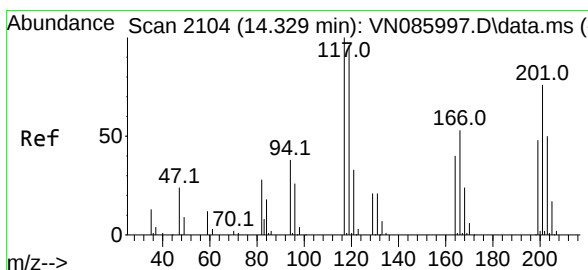
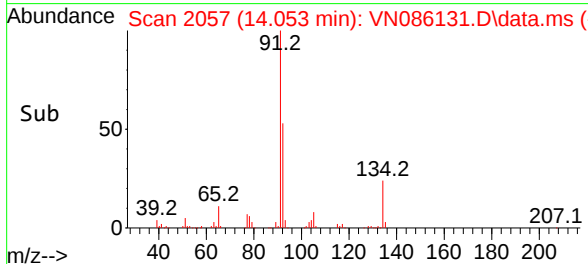
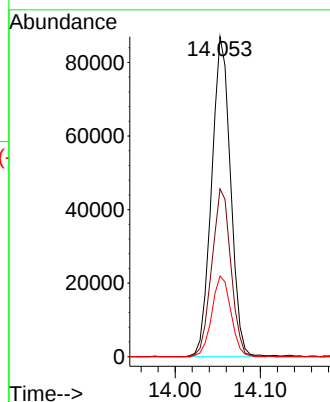
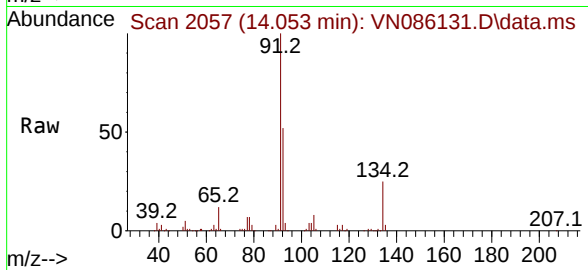
#89
n-Butylbenzene
Concen: 19.602 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion: 91 Resp: 13456
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.6
134 25.3 13.0 39.0

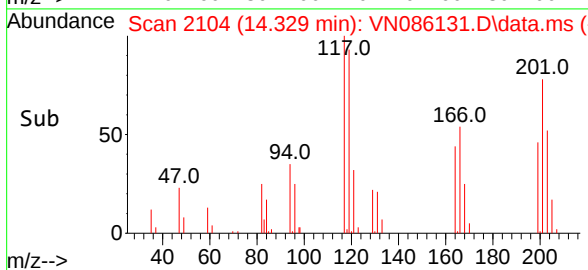
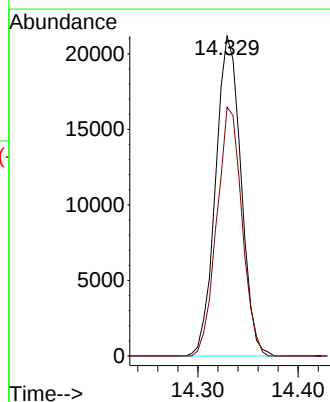
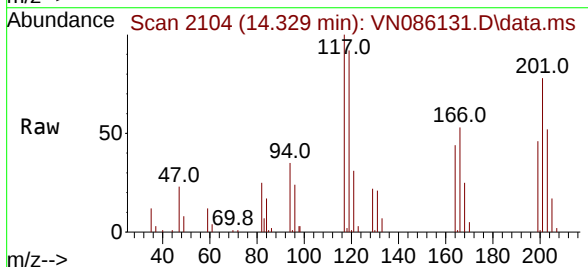
Manual Integrations
APPROVED

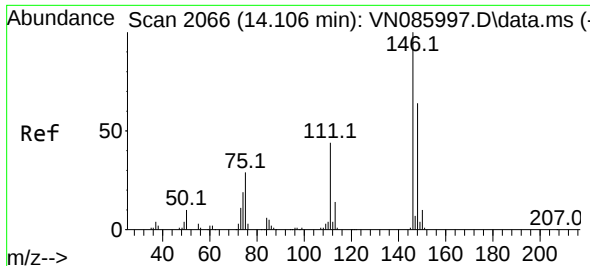
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90
Hexachloroethane
Concen: 19.123 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion:117 Resp: 37196
Ion Ratio Lower Upper
117 100
201 77.1 39.1 117.3





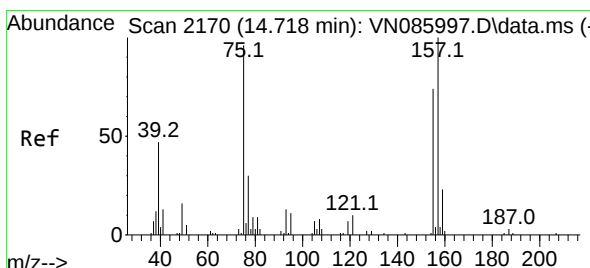
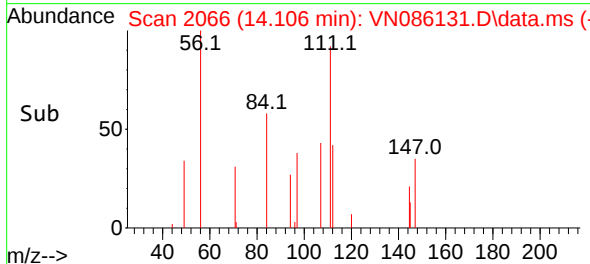
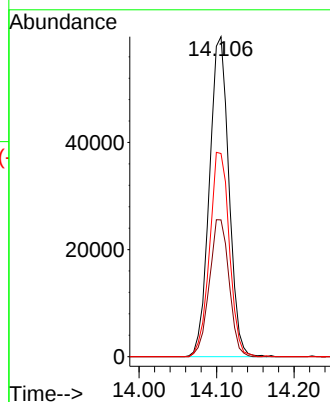
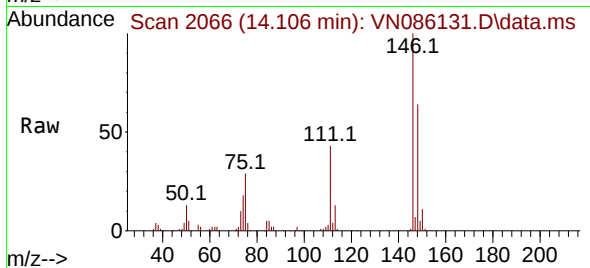
#91
1,2-Dichlorobenzene
Concen: 19.697 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Tgt Ion:146 Resp: 104038
Ion Ratio Lower Upper
146 100
111 43.4 22.3 66.8
148 64.8 32.1 96.5

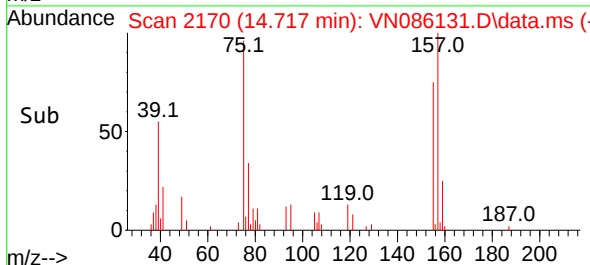
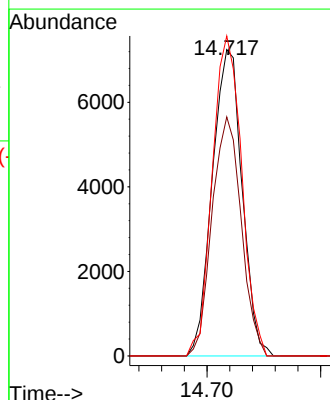
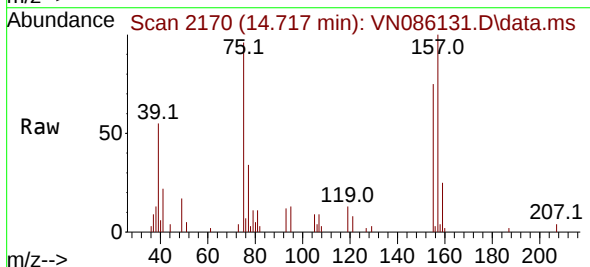
Manual Integrations
APPROVED

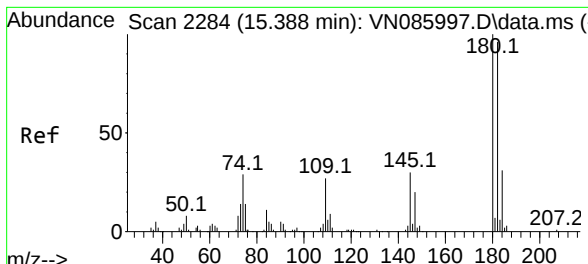
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.511 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

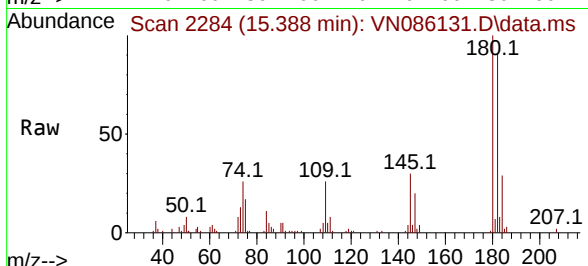
Tgt Ion: 75 Resp: 13215
Ion Ratio Lower Upper
75 100
155 76.3 41.0 123.0
157 102.5 53.7 161.1





#93
 1,2,4-Trichlorobenzene
 Concen: 17.963 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086131.D
 Acq: 26 Mar 2025 17:12

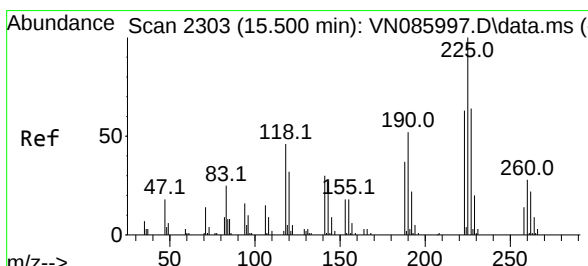
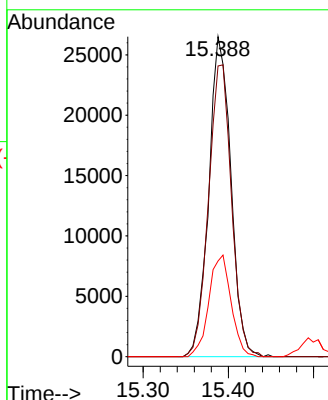
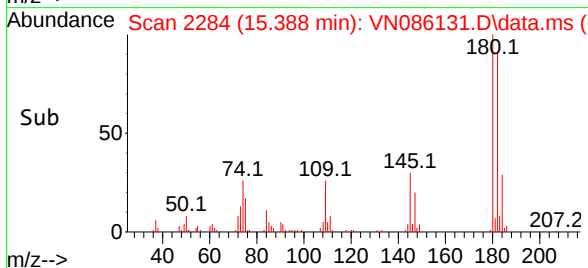
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBSD01



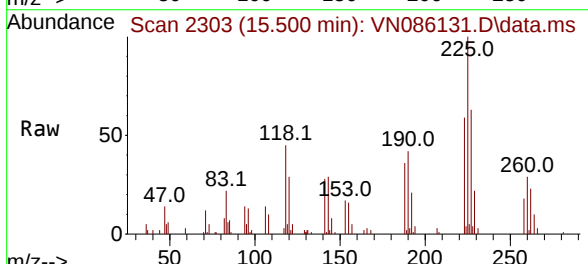
Tgt Ion:180 Resp: 4770
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.0 141.0
 145 31.9 15.5 46.5

Manual Integrations
 APPROVED

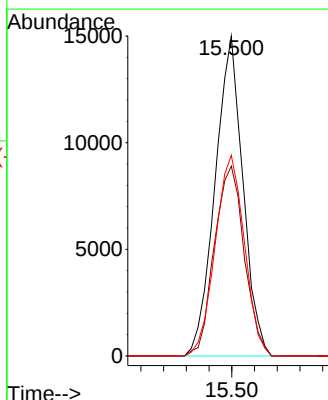
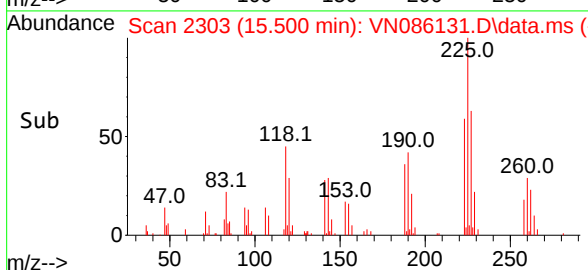
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

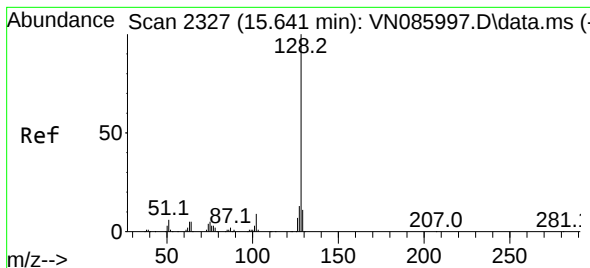


#94
 Hexachlorobutadiene
 Concen: 16.575 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN086131.D
 Acq: 26 Mar 2025 17:12



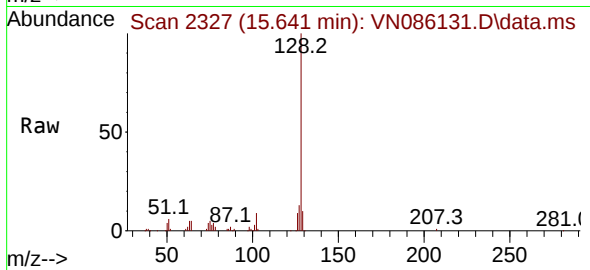
Tgt Ion:225 Resp: 25540
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.3 93.9
 227 65.8 32.1 96.3





#95
Naphthalene
Concen: 16.714 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

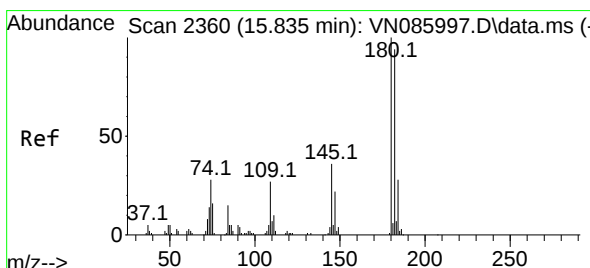
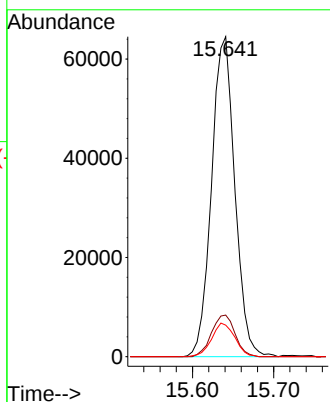
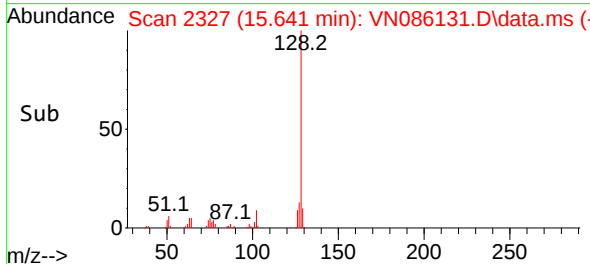
Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01



Tgt Ion:128 Resp: 128540
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.4 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.143 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086131.D
Acq: 26 Mar 2025 17:12

Tgt Ion:180 Resp: 45721
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 35.0 17.7 53.1

