

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086172.D
 Acq On : 31 Mar 2025 16:04
 Operator : JC\MD
 Sample : VN0331WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2025
 Supervised By : Mahesh Dadoda 04/01/2025

Quant Time: Apr 01 01:37:07 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	231058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	374245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154297	48.767	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.540%		
35) Dibromofluoromethane	8.165	113	131431	50.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.620%		
50) Toluene-d8	10.565	98	488462	51.523	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.040%		
62) 4-Bromofluorobenzene	12.847	95	167562	49.560	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53595	17.508	ug/l	100
3) Chloromethane	2.359	50	41789	15.572	ug/l	97
4) Vinyl Chloride	2.512	62	43880	15.992	ug/l	98
5) Bromomethane	2.953	94	30694	16.422	ug/l	95
6) Chloroethane	3.118	64	28384	16.397	ug/l	92
7) Trichlorofluoromethane	3.495	101	82421	16.710	ug/l	98
8) Diethyl Ether	3.965	74	25302	16.756	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	47209	18.008	ug/l	97
10) Methyl Iodide	4.589	142	57692	16.889	ug/l	99
11) Tert butyl alcohol	5.518	59	31223	69.700	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	41531	17.544	ug/l	99
13) Acrolein	4.171	56	37824	79.165	ug/l	96
14) Allyl chloride	5.018	41	51006	17.272	ug/l	95
15) Acrylonitrile	5.718	53	103291	87.308	ug/l	100
16) Acetone	4.424	43	74616	77.192	ug/l	98
17) Carbon Disulfide	4.712	76	131008	16.828	ug/l	97
18) Methyl Acetate	5.030	43	41394	17.308	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	126924	16.363	ug/l	98
20) Methylene Chloride	5.271	84	52484	18.560	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	45488	17.583	ug/l	94
22) Diisopropyl ether	6.671	45	120549	19.155	ug/l	97
23) Vinyl Acetate	6.600	43	419326	87.897	ug/l	98
24) 1,1-Dichloroethane	6.565	63	83820	18.113	ug/l	96
25) 2-Butanone	7.483	43	114093	81.800	ug/l	96
26) 2,2-Dichloropropane	7.488	77	72728	16.324	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	49959	16.994	ug/l	96
28) Bromochloromethane	7.812	49	42255	21.551	ug/l	95
29) Tetrahydrofuran	7.835	42	77940	90.514	ug/l	94
30) Chloroform	7.959	83	89143	17.427	ug/l	100
31) Cyclohexane	8.253	56	69752	17.693	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	81330	16.797	ug/l	97
36) 1,1-Dichloropropene	8.371	75	59825	17.393	ug/l	98
37) Ethyl Acetate	7.559	43	48826	16.826	ug/l	98
38) Carbon Tetrachloride	8.359	117	75043	16.593	ug/l	97
39) Methylcyclohexane	9.600	83	55540	16.275	ug/l	96
40) Benzene	8.600	78	190823	17.673	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23873	17.229	ug/l	99
42) 1,2-Dichloroethane	8.665	62	63363	16.841	ug/l	100
43) Isopropyl Acetate	8.682	43	87037	13.842	ug/l	96
44) Trichloroethene	9.347	130	45922	16.409	ug/l	96
45) 1,2-Dichloropropane	9.618	63	46317	18.860	ug/l	97
46) Dibromomethane	9.706	93	34120	17.666	ug/l	97
47) Bromodichloromethane	9.888	83	69613	17.246	ug/l	99
48) Methyl methacrylate	9.682	41	34297	16.529	ug/l	98
49) 1,4-Dioxane	9.694	88	16898	344.494	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	251711	90.767	ug/l	96
52) Toluene	10.629	92	122468	18.480	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	66133	16.870	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	72851	17.614	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	45854	18.128	ug/l	97
56) Ethyl methacrylate	10.871	69	60354	17.665	ug/l	99
57) 1,3-Dichloropropane	11.159	76	76703	17.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	157461	118.201	ug/l	98
59) 2-Hexanone	11.194	43	178810	88.510	ug/l	95
60) Dibromochloromethane	11.359	129	56864	17.422	ug/l	100
61) 1,2-Dibromoethane	11.465	107	45450	17.503	ug/l	100
64) Tetrachloroethene	11.100	164	46091	17.112	ug/l	99
65) Chlorobenzene	11.888	112	130674	16.913	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	49871	17.363	ug/l	99
67) Ethyl Benzene	11.959	91	207085	16.755	ug/l	99
68) m/p-Xylenes	12.071	106	170387	35.075	ug/l	98
69) o-Xylene	12.394	106	76240	17.100	ug/l	98
70) Styrene	12.412	104	132664	17.421	ug/l	98
71) Bromoform	12.576	173	39341	16.385	ug/l #	98
73) Isopropylbenzene	12.694	105	187890	16.044	ug/l	98
74) N-amyl acetate	12.494	43	65679	16.763	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	64278	16.224	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	61731m	16.078	ug/l	
77) Bromobenzene	12.976	156	52696	16.137	ug/l	99
78) n-propylbenzene	13.035	91	223945	16.887	ug/l	100
79) 2-Chlorotoluene	13.123	91	144506	16.406	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	168065	16.998	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	24118	16.608	ug/l	91
82) 4-Chlorotoluene	13.217	91	149375	16.491	ug/l	98
83) tert-Butylbenzene	13.435	119	131050	15.497	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	165553	16.601	ug/l	98
85) sec-Butylbenzene	13.612	105	183528	16.637	ug/l	100
86) p-Isopropyltoluene	13.729	119	151974	16.274	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	98692	16.767	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	95087	15.376	ug/l	99
89) n-Butylbenzene	14.053	91	115279	15.159	ug/l	97
90) Hexachloroethane	14.329	117	33456	15.527	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	90624	15.488	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11784	14.900	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	38858	13.207	ug/l	98
94) Hexachlorobutadiene	15.500	225	23056	13.507	ug/l	100
95) Naphthalene	15.641	128	103632	12.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	40081	14.357	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

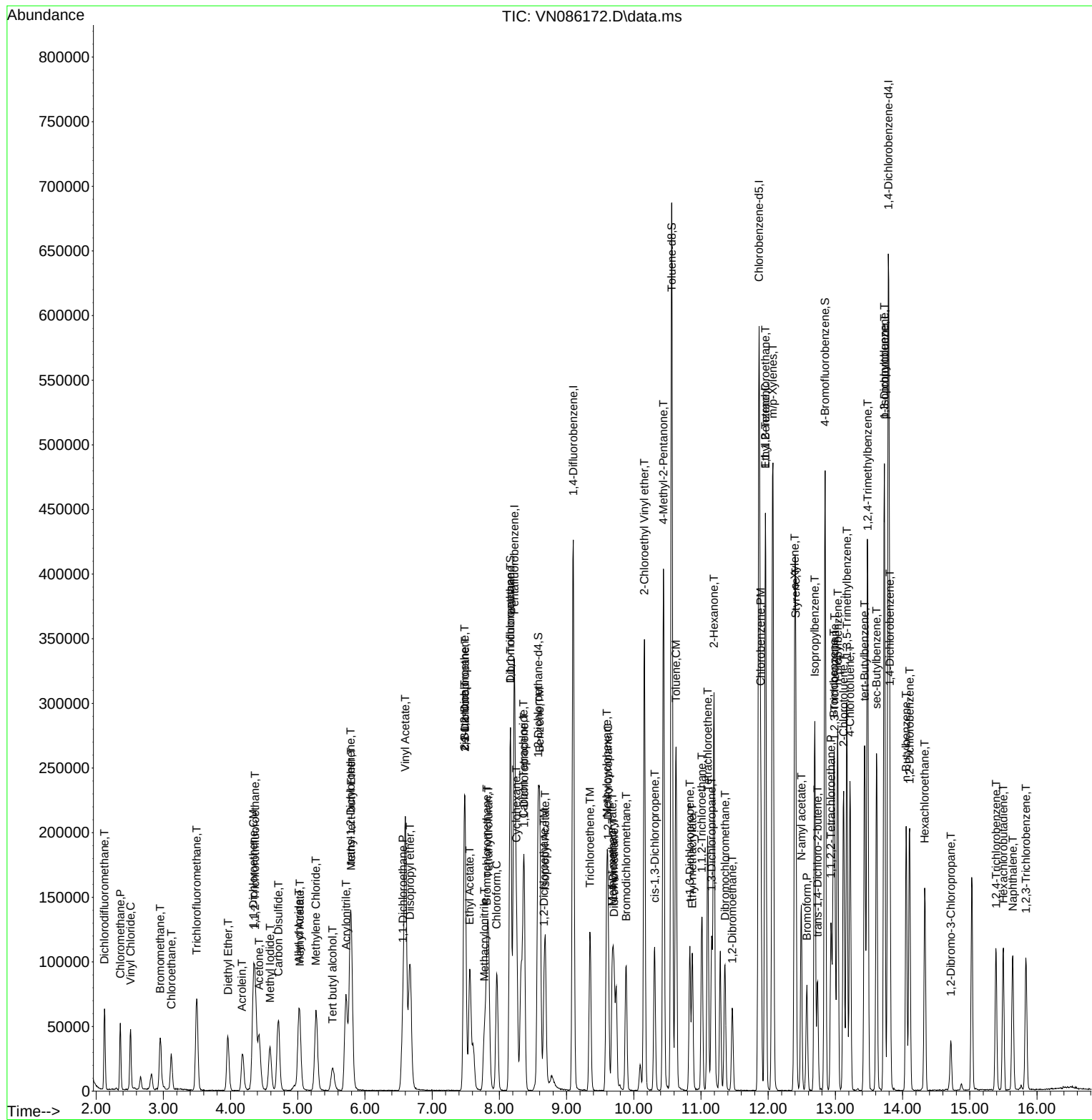
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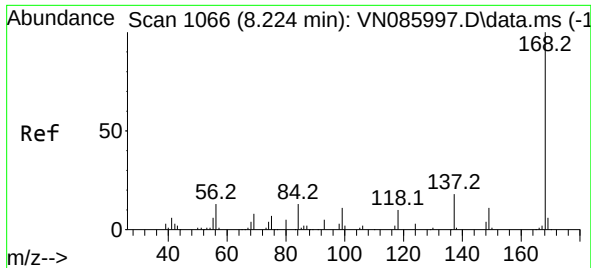
Instrument :
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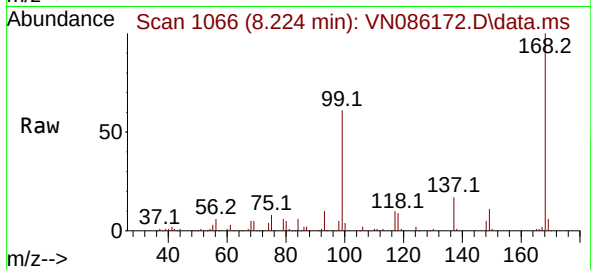
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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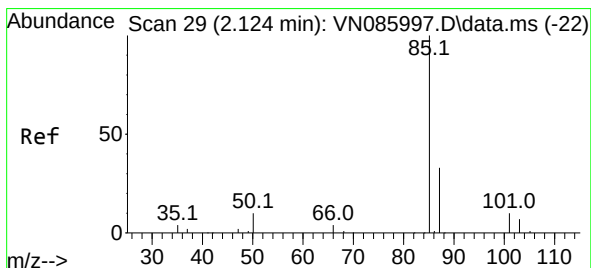
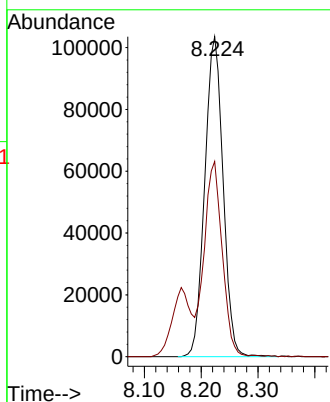
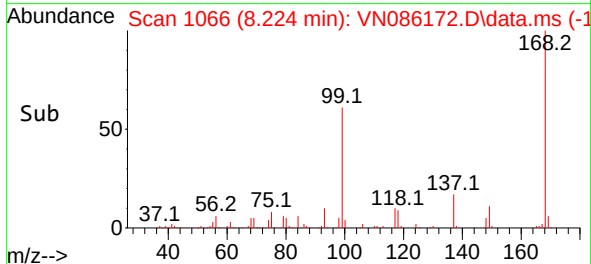
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 231058
Ion Ratio Lower Upper
168 100
99 61.0 49.4 74.2

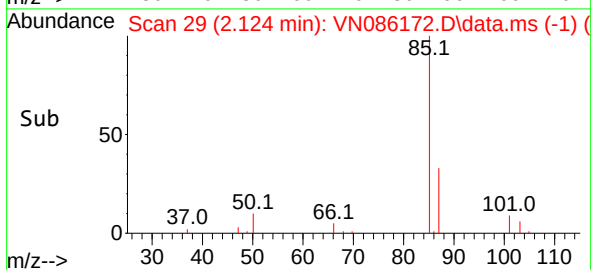
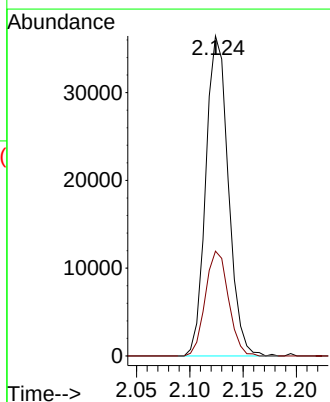
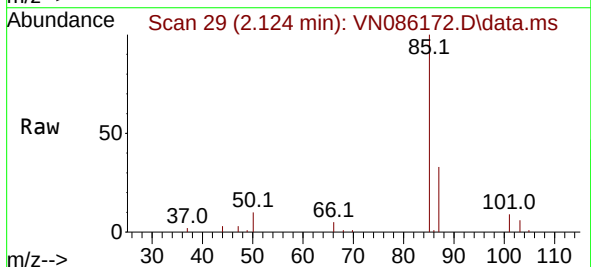
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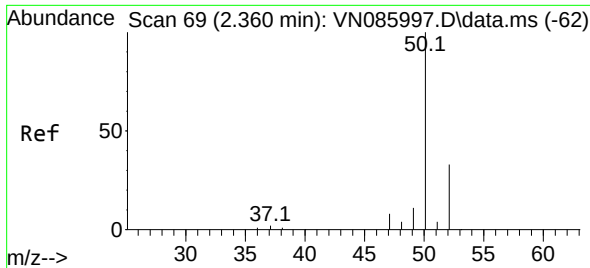
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#2
Dichlorodifluoromethane
Concen: 17.508 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Tgt Ion: 85 Resp: 53595
Ion Ratio Lower Upper
85 100
87 32.7 16.5 49.5





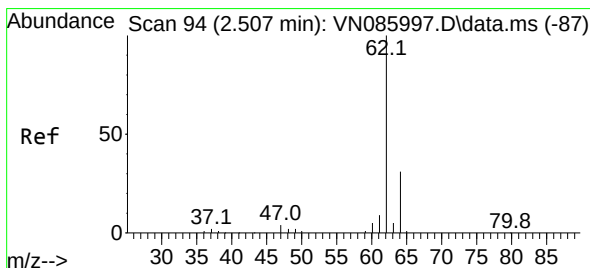
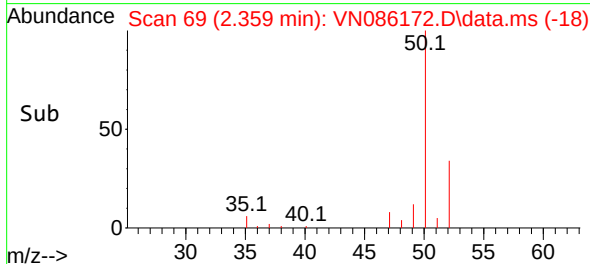
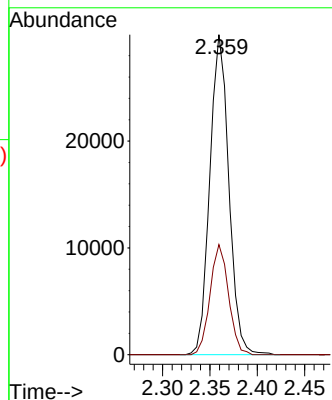
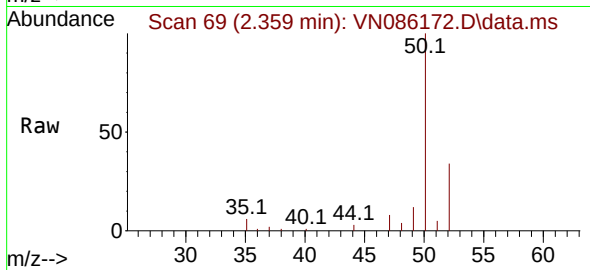
#3
Chloromethane
Concen: 15.572 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

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Tgt Ion: 50 Resp: 41789
Ion Ratio Lower Upper
50 100
52 34.4 26.0 39.0

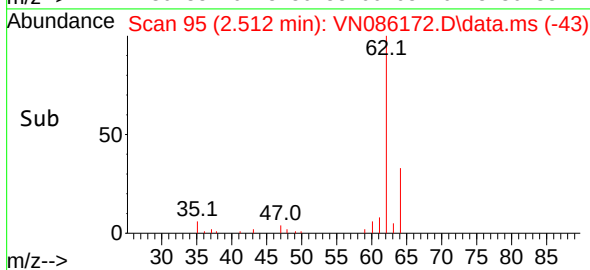
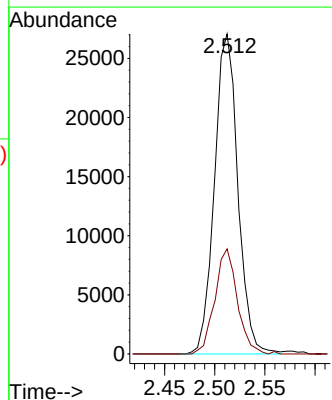
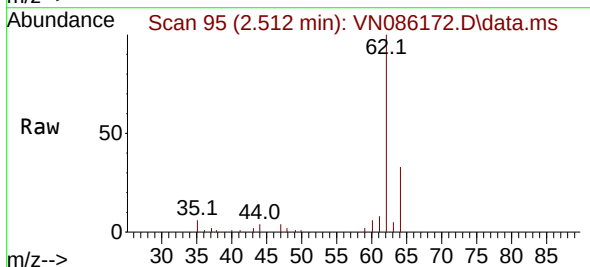
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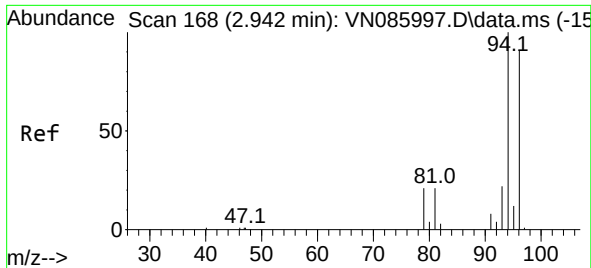
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#4
Vinyl Chloride
Concen: 15.992 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Tgt Ion: 62 Resp: 43880
Ion Ratio Lower Upper
62 100
64 32.8 25.2 37.8





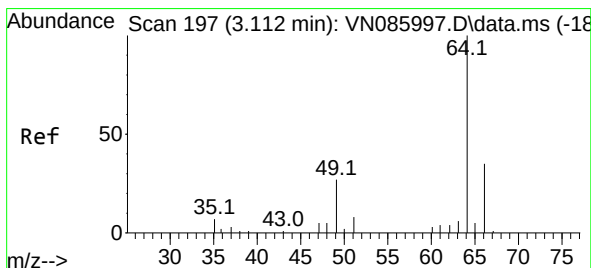
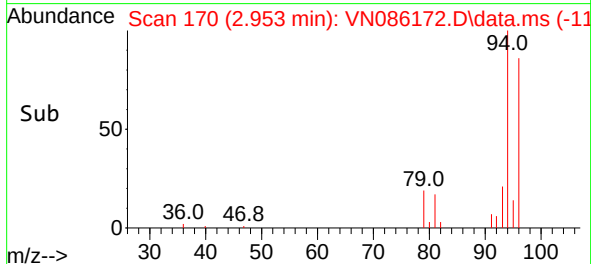
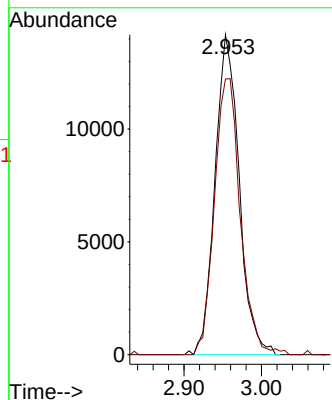
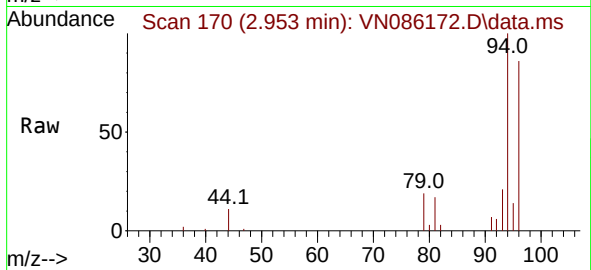
#5
Bromomethane
Concen: 16.422 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
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Tgt Ion: 94 Resp: 30694
Ion Ratio Lower Upper
94 100
96 86.1 72.8 109.2

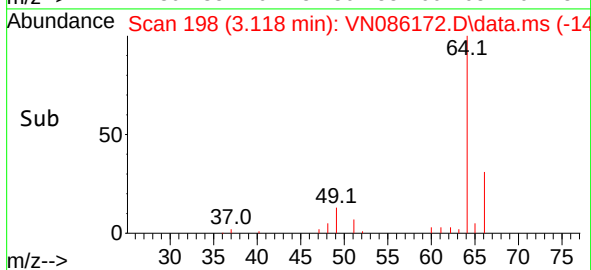
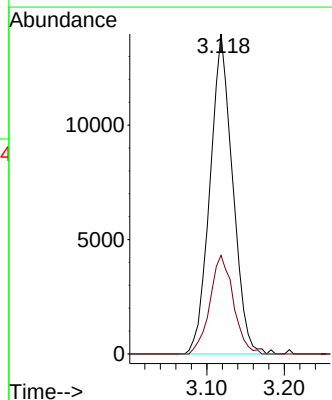
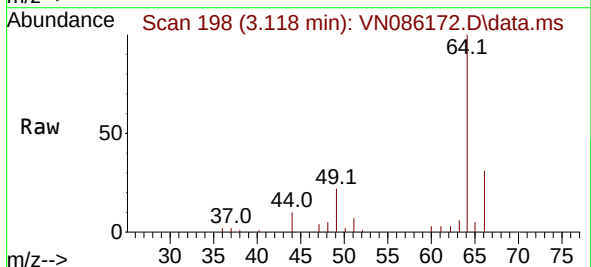
Manual Integrations
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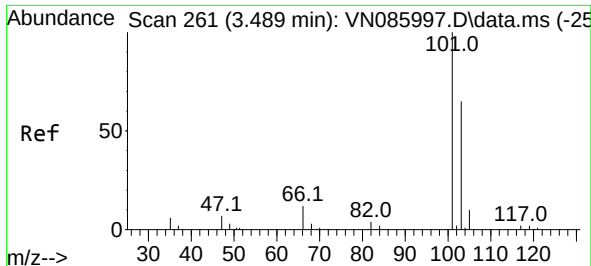
Reviewed By :John Carlone 04/01/2025
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#6
Chloroethane
Concen: 16.397 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

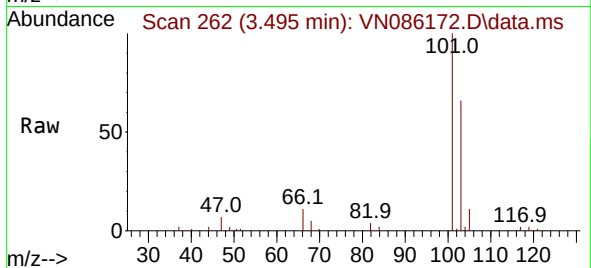
Tgt Ion: 64 Resp: 28384
Ion Ratio Lower Upper
64 100
66 30.8 28.3 42.5





#7
 Trichlorofluoromethane
 Concen: 16.710 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VN086172.D
 Acq: 31 Mar 2025 16:04

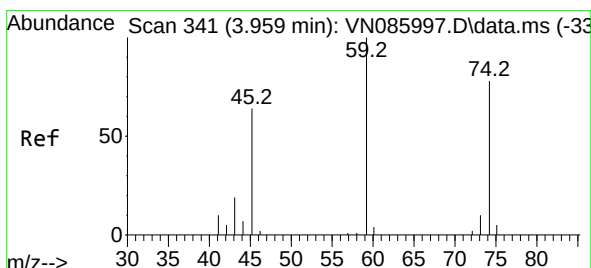
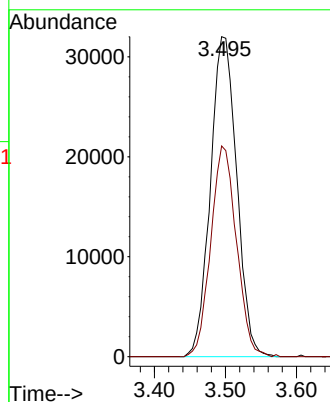
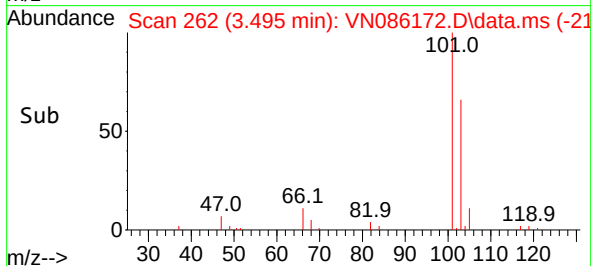
Instrument :
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Tgt Ion:101 Resp: 8242
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.7 77.5

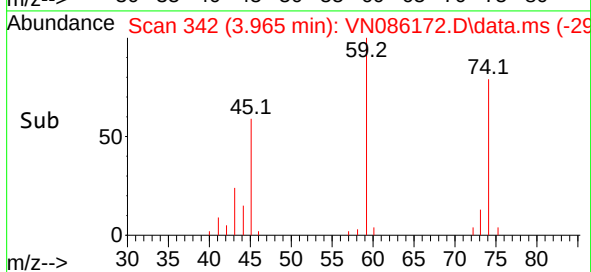
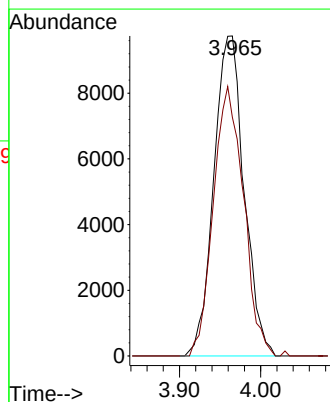
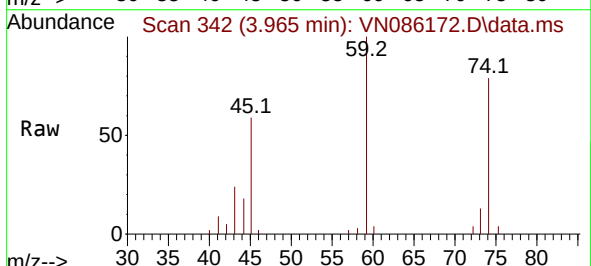
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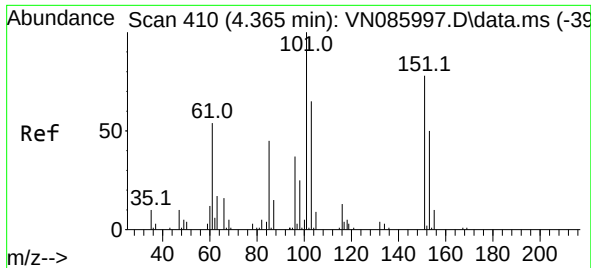
Reviewed By :John Carlone 04/01/2025
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#8
 Diethyl Ether
 Concen: 16.756 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN086172.D
 Acq: 31 Mar 2025 16:04

Tgt Ion: 74 Resp: 25302
 Ion Ratio Lower Upper
 74 100
 45 83.9 38.0 113.9





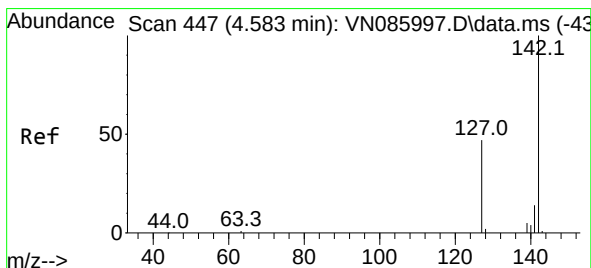
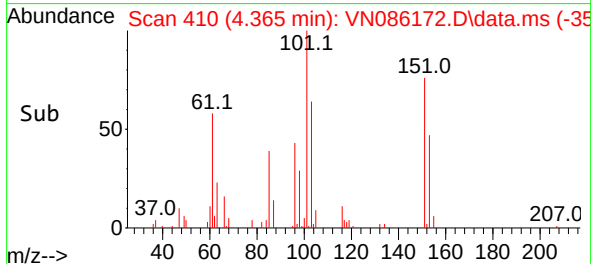
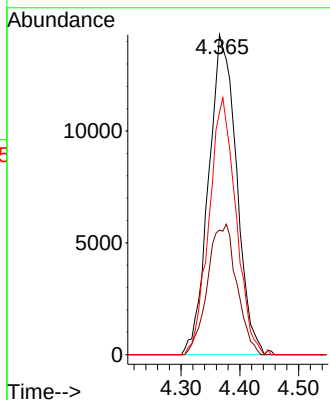
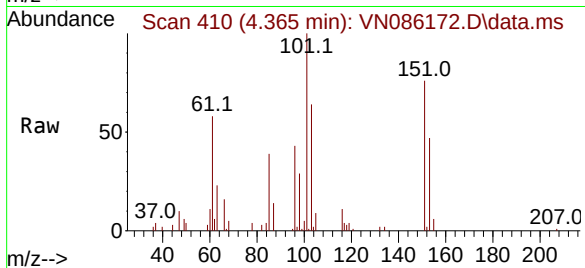
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.008 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion:101 Resp: 47209
Ion Ratio Lower Upper
101 100
85 42.6 36.5 54.7
151 77.1 63.4 95.0

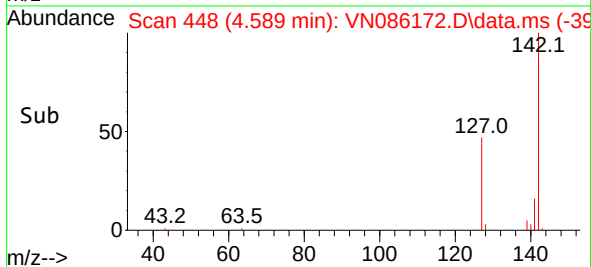
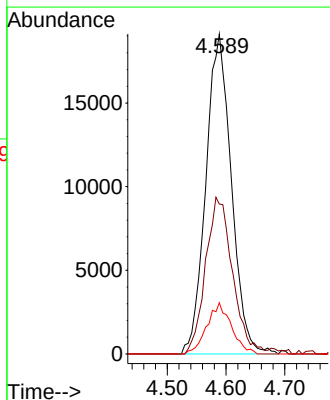
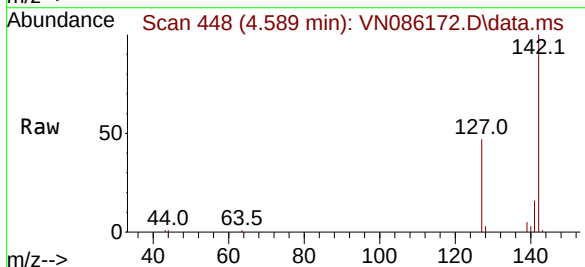
Manual Integrations
APPROVED

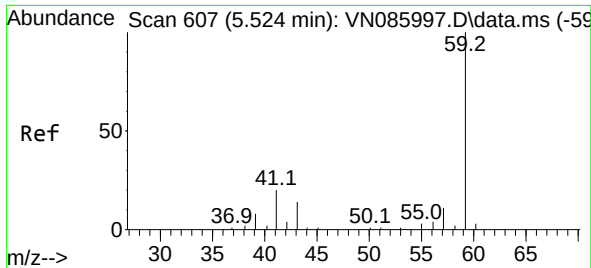
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#10
Methyl Iodide
Concen: 16.889 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

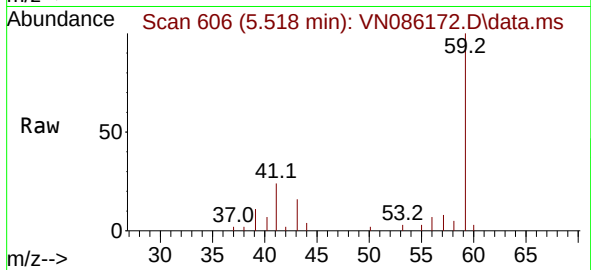
Tgt Ion:142 Resp: 57692
Ion Ratio Lower Upper
142 100
127 46.8 37.5 56.3
141 16.0 11.0 16.6





#11
Tert butyl alcohol
Concen: 69.700 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

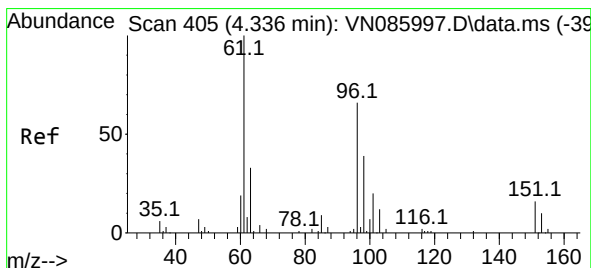
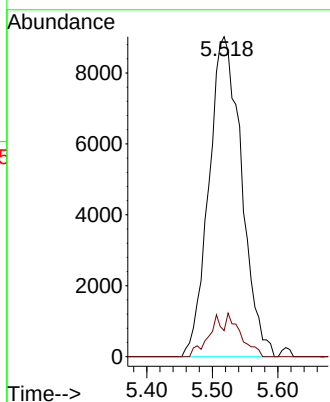
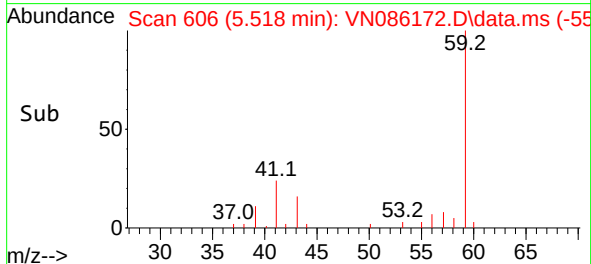
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



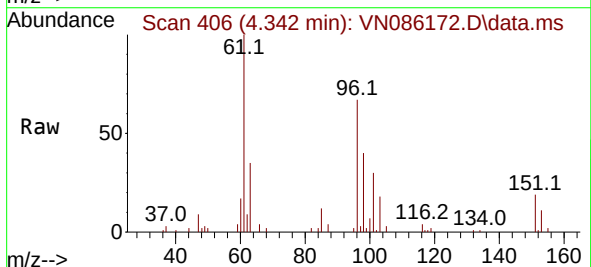
Tgt Ion: 59 Resp: 3122
Ion Ratio Lower Upper
59 100
57 6.0 7.9 11.9

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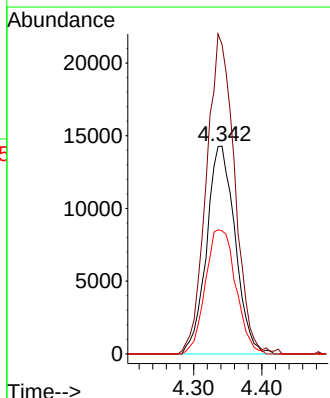
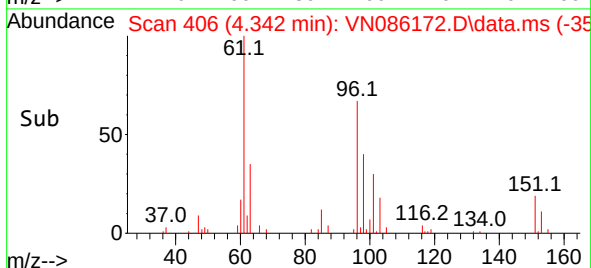
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

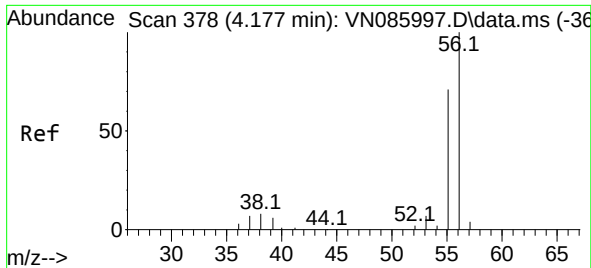


#12
1,1-Dichloroethene
Concen: 17.544 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



Tgt Ion: 96 Resp: 41531
Ion Ratio Lower Upper
96 100
61 148.9 120.5 180.7
98 59.2 47.4 71.0





#13

Acrolein

Concen: 79.165 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN086172.D

Acq: 31 Mar 2025 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

Tgt Ion: 56 Resp: 37824

Ion Ratio Lower Upper

56 100

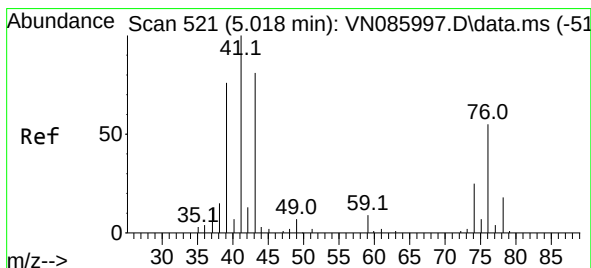
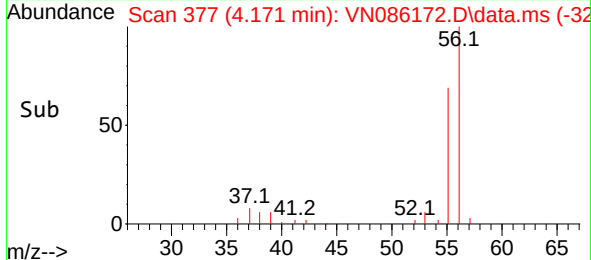
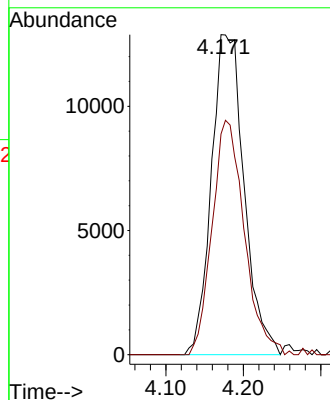
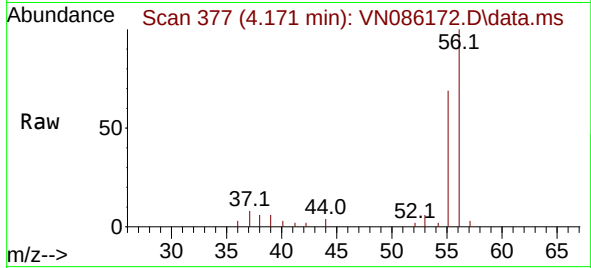
55 72.0 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#14

Allyl chloride

Concen: 17.272 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN086172.D

Acq: 31 Mar 2025 16:04

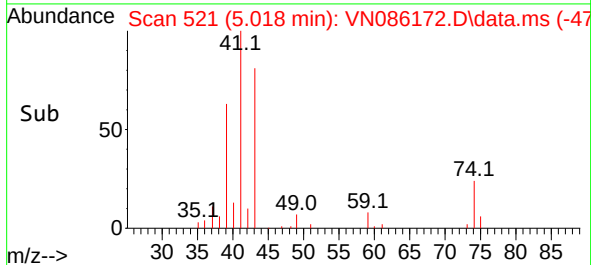
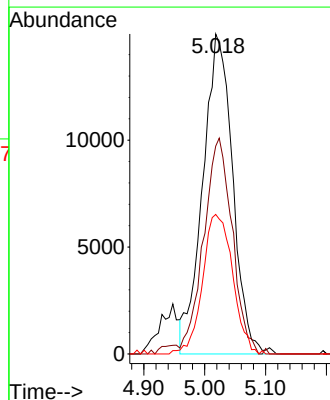
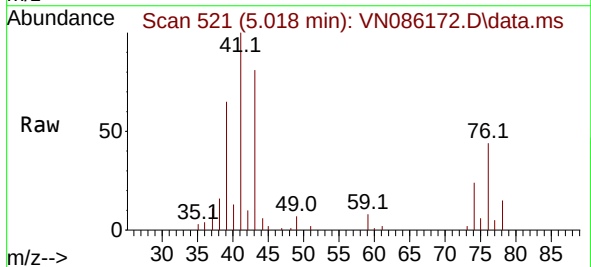
Tgt Ion: 41 Resp: 51006

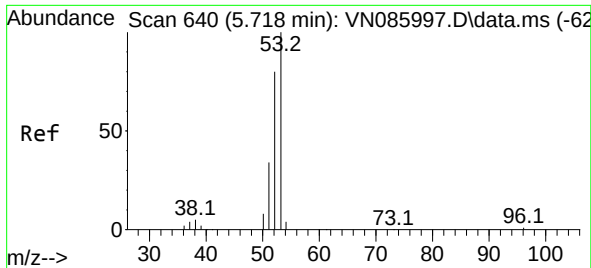
Ion Ratio Lower Upper

41 100

39 66.3 55.5 83.3

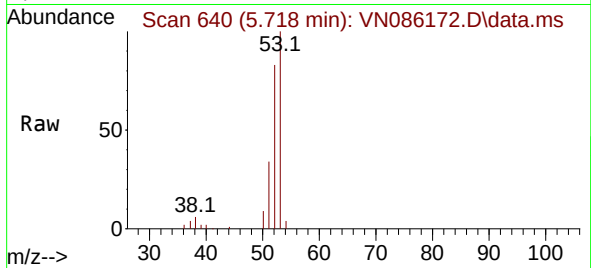
76 43.8 39.1 58.7





#15
Acrylonitrile
Concen: 87.308 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

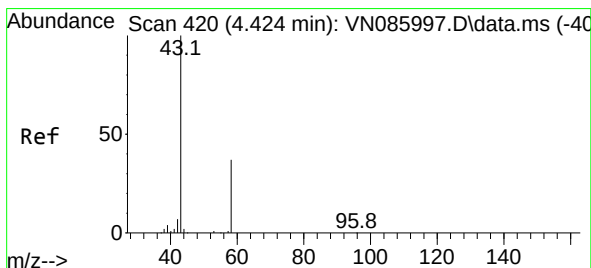
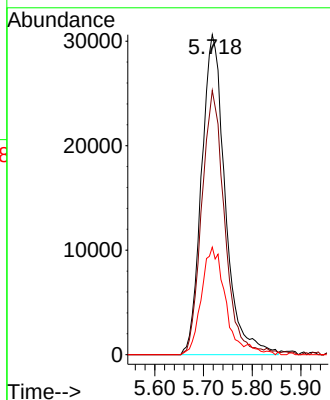
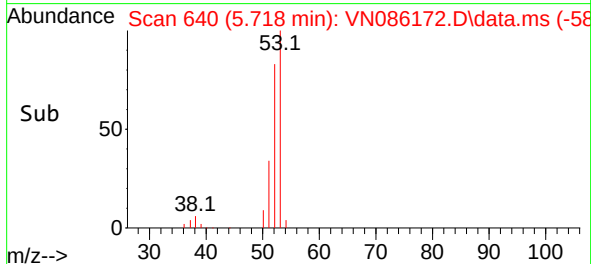
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 53 Resp: 10329
Ion Ratio Lower Upper
53 100
52 80.0 63.9 95.9
51 34.3 27.1 40.7

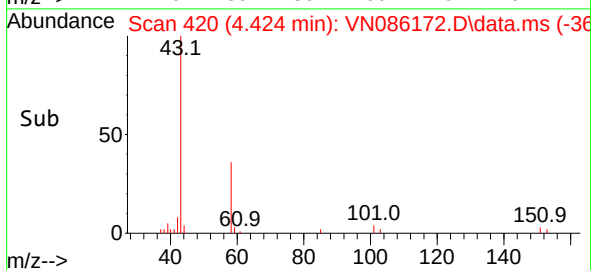
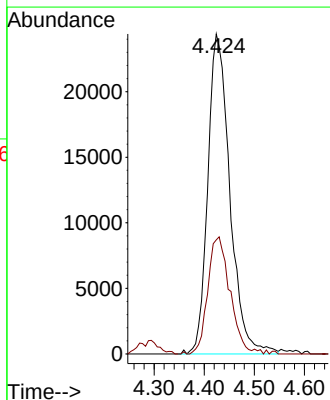
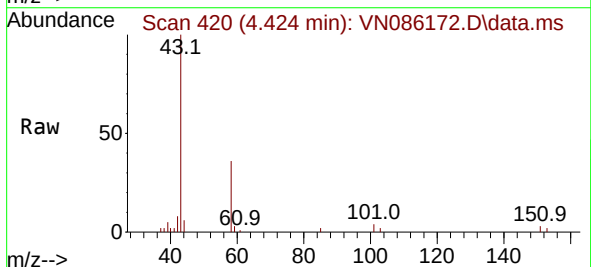
Manual Integrations
APPROVED

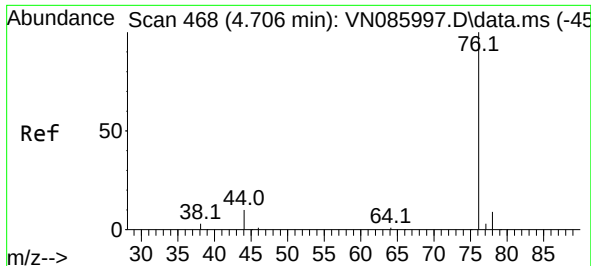
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#16
Acetone
Concen: 77.192 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Tgt Ion: 43 Resp: 74616
Ion Ratio Lower Upper
43 100
58 35.6 29.4 44.2





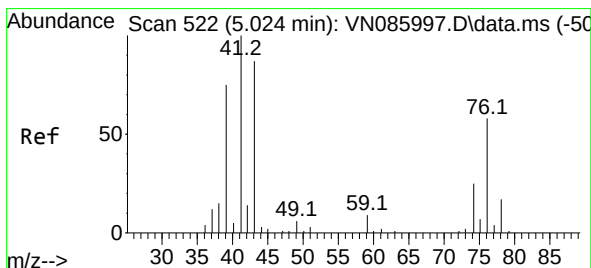
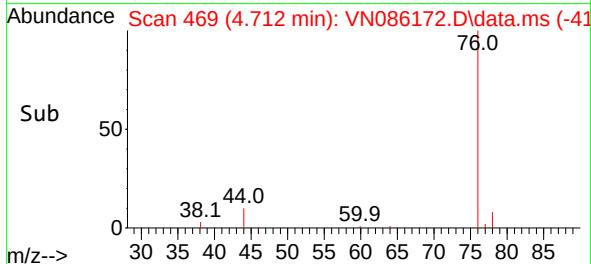
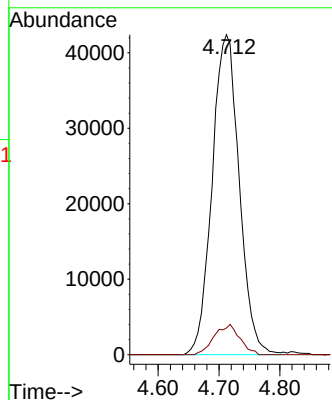
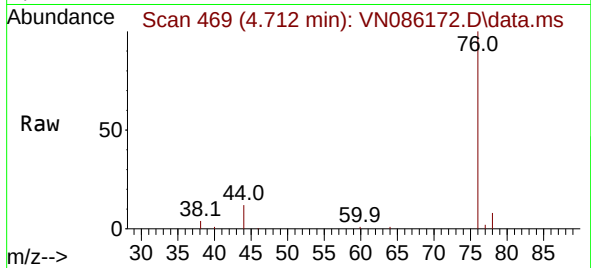
#17
Carbon Disulfide
Concen: 16.828 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion: 76 Resp: 131008
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

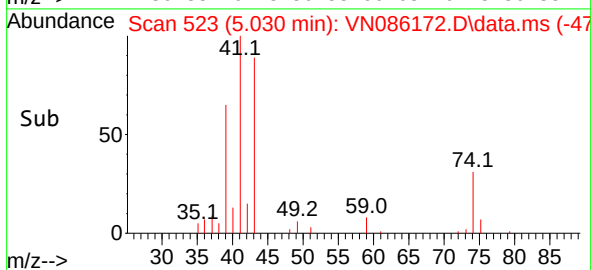
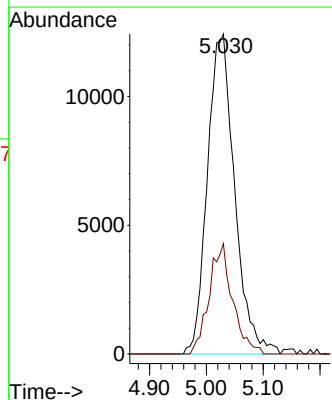
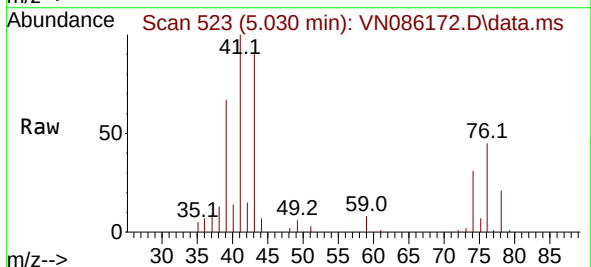
Manual Integrations
APPROVED

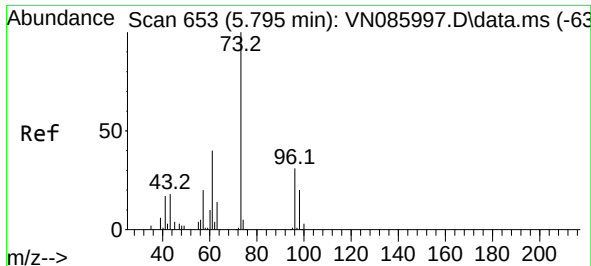
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#18
Methyl Acetate
Concen: 17.308 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

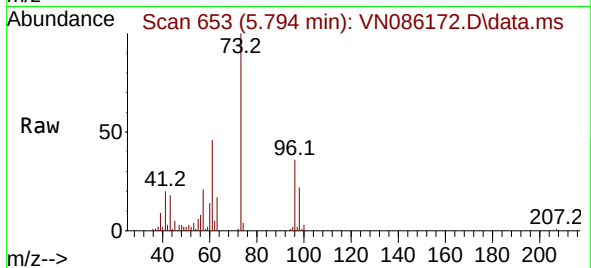
Tgt Ion: 43 Resp: 41394
Ion Ratio Lower Upper
43 100
74 29.7 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 16.363 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

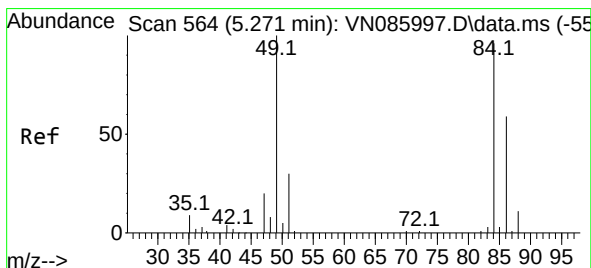
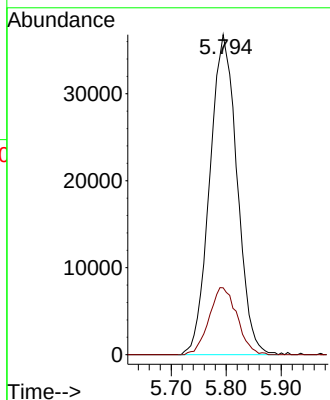
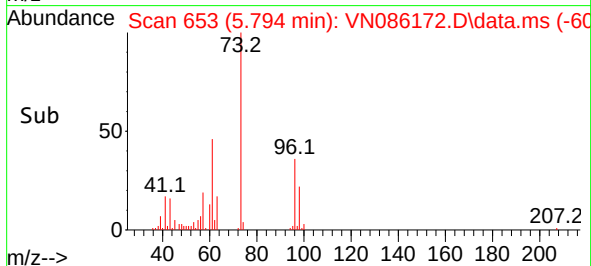
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 73 Resp: 126924
Ion Ratio Lower Upper
73 100
57 20.9 16.1 24.1

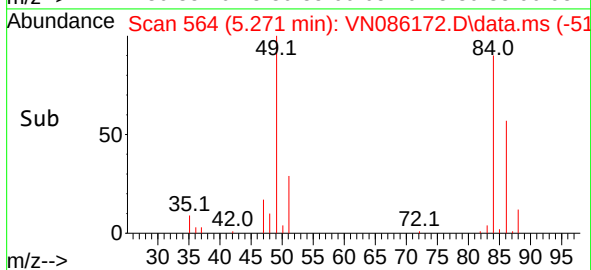
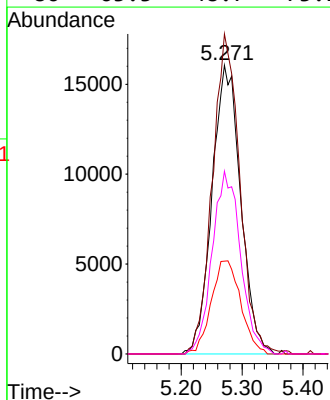
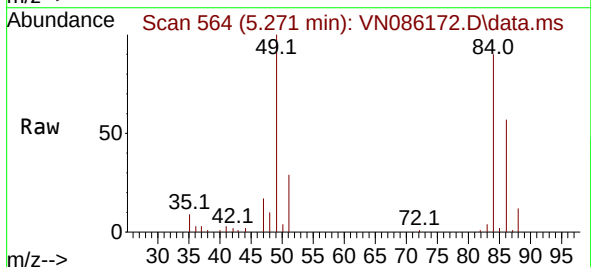
Manual Integrations
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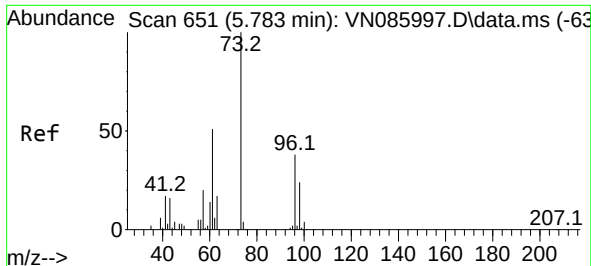
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#20
Methylene Chloride
Concen: 18.560 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

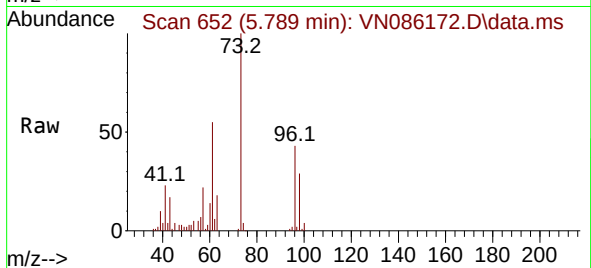
Tgt Ion: 84 Resp: 52484
Ion Ratio Lower Upper
84 100
49 110.9 83.3 124.9
51 32.2 24.8 37.2
86 63.3 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 17.583 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

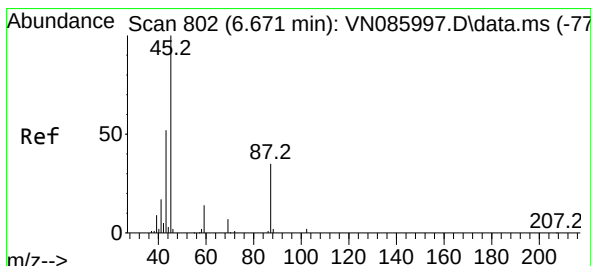
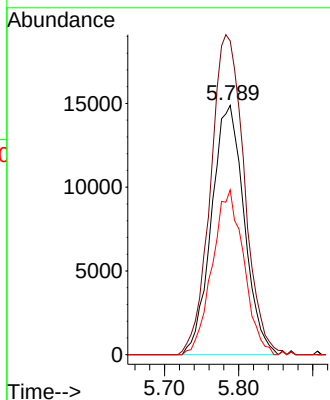
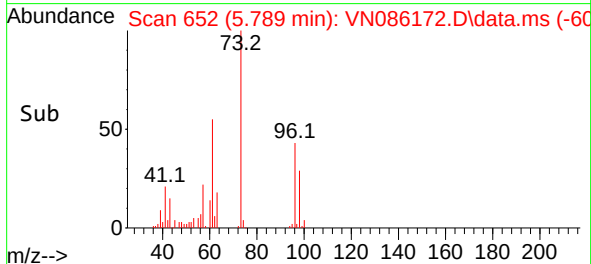
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 96 Resp: 45488
Ion Ratio Lower Upper
96 100
61 125.8 106.6 160.0
98 66.1 50.0 75.0

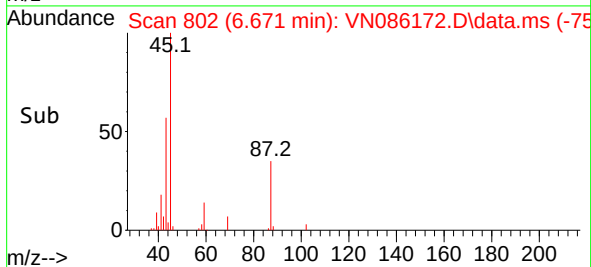
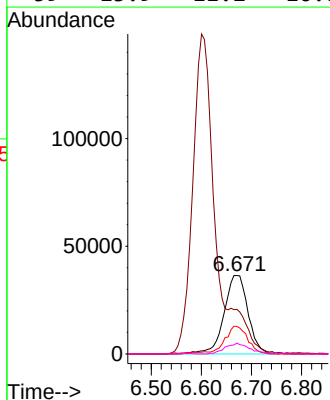
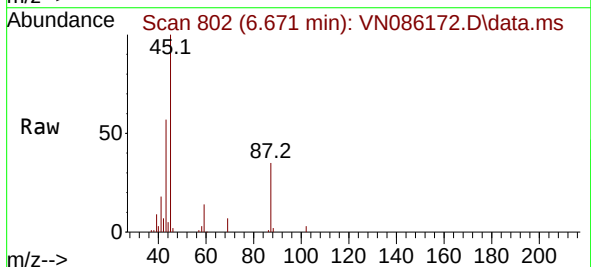
Manual Integrations
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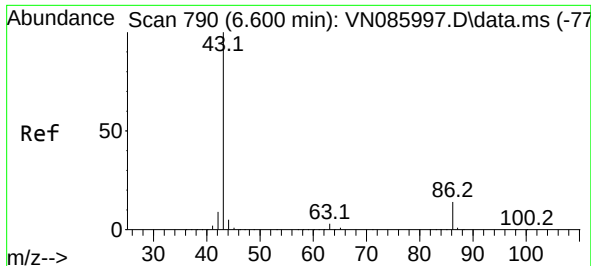
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#22
Diisopropyl ether
Concen: 19.155 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

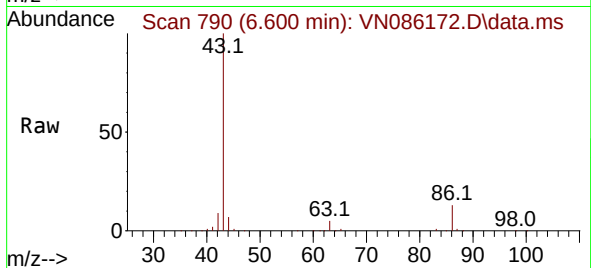
Tgt Ion: 45 Resp: 120549
Ion Ratio Lower Upper
45 100
43 55.0 41.2 61.8
87 35.1 28.5 42.7
59 13.9 11.2 16.8





#23
 Vinyl Acetate
 Concen: 87.897 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086172.D
 Acq: 31 Mar 2025 16:04

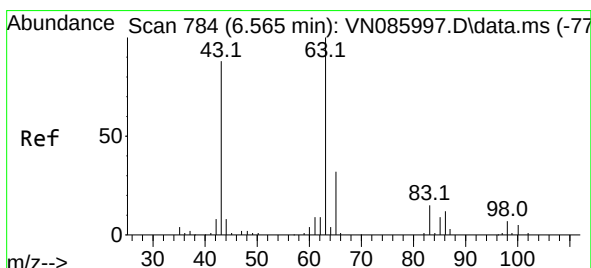
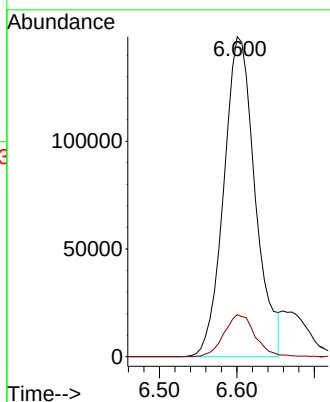
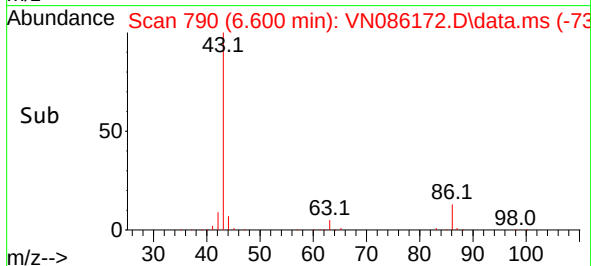
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01



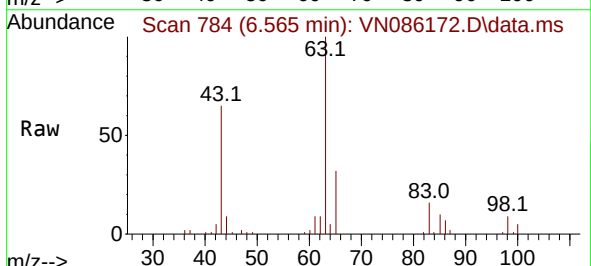
Tgt Ion: 43 Resp: 419320
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.2 16.8

Manual Integrations
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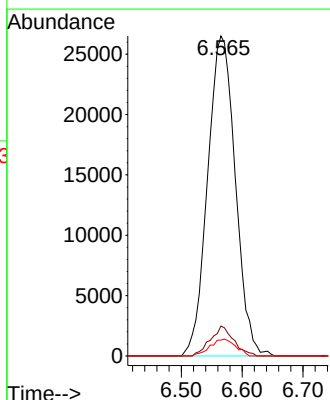
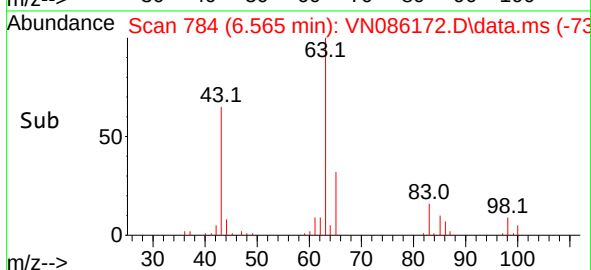
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025

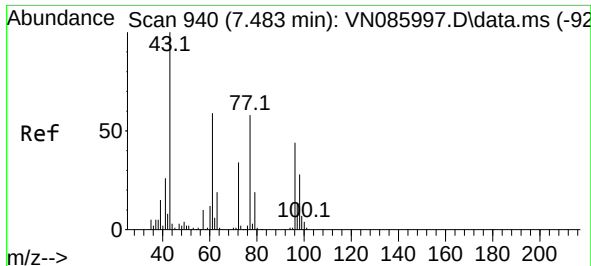


#24
 1,1-Dichloroethane
 Concen: 18.113 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086172.D
 Acq: 31 Mar 2025 16:04



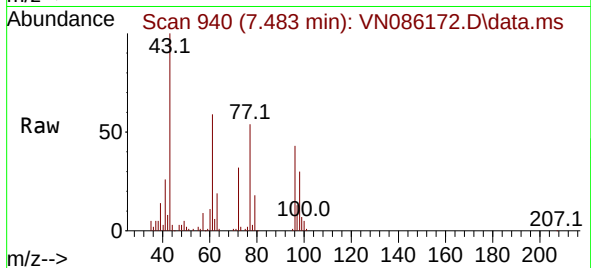
Tgt Ion: 63 Resp: 83820
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.6 10.9
 100 4.9 2.5 7.5





#25
2-Butanone
Concen: 81.800 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

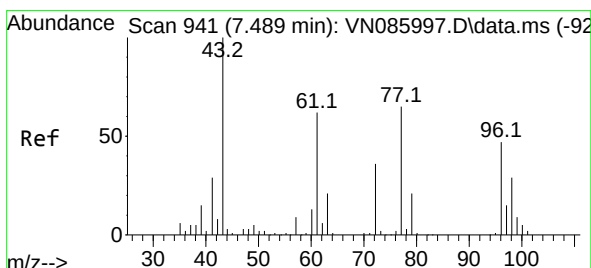
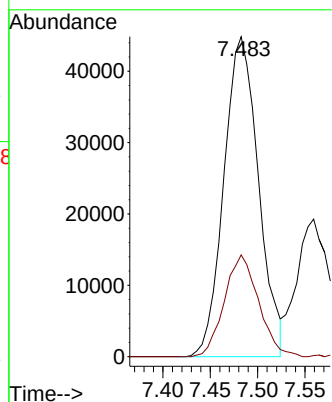
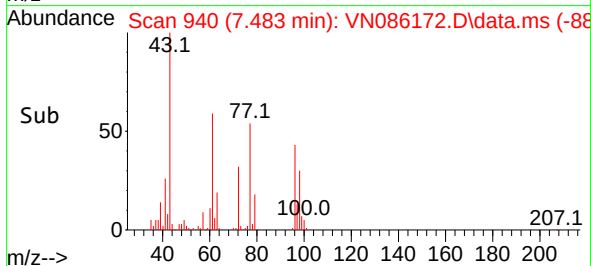
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 43 Resp: 11409
Ion Ratio Lower Upper
43 100
72 31.8 27.4 41.0

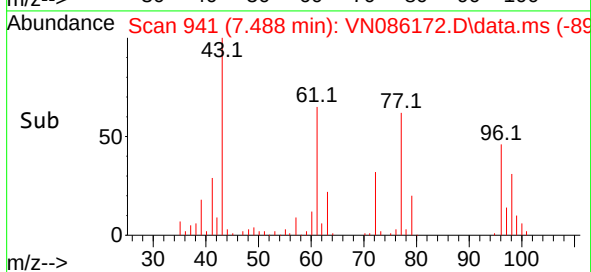
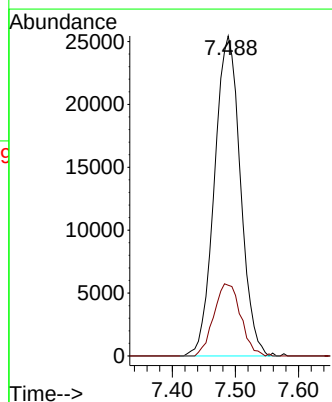
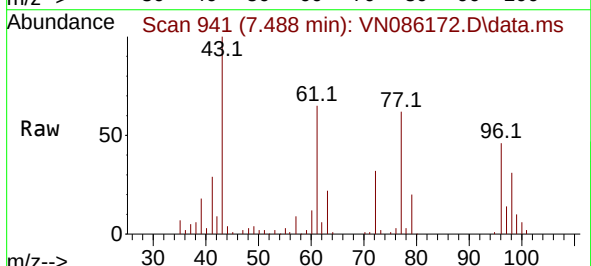
Manual Integrations
APPROVED

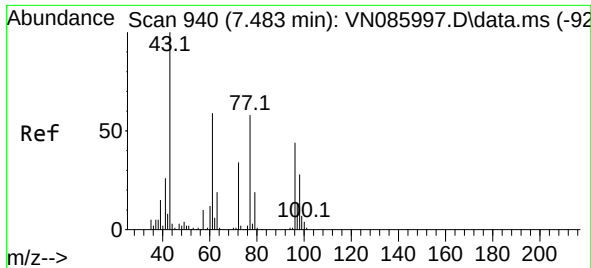
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#26
2,2-Dichloropropane
Concen: 16.324 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

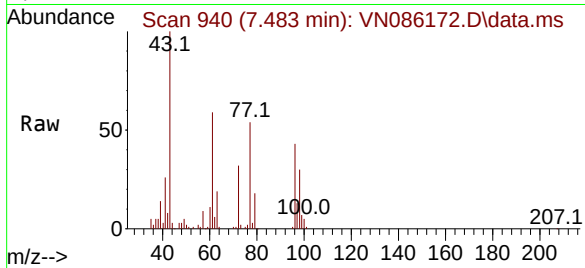
Tgt Ion: 77 Resp: 72728
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.5





#27
cis-1,2-Dichloroethene
Concen: 16.994 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

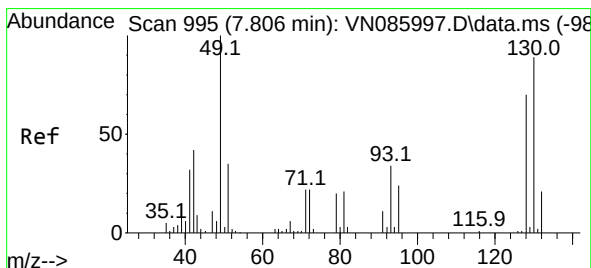
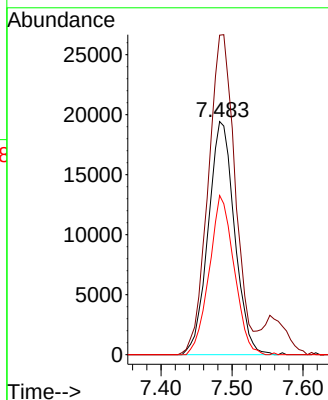
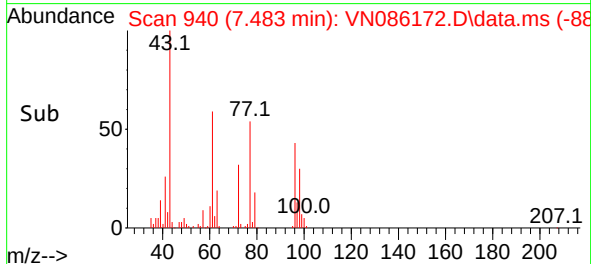
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 96 Resp: 4995
Ion Ratio Lower Upper
96 100
61 141.2 0.0 272.8
98 64.5 0.0 124.8

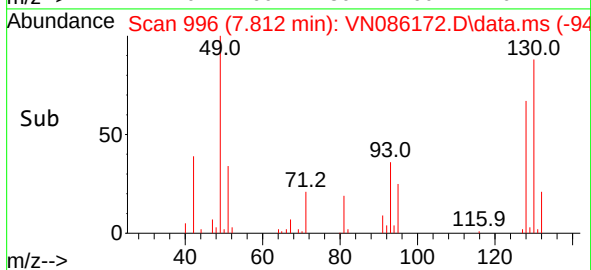
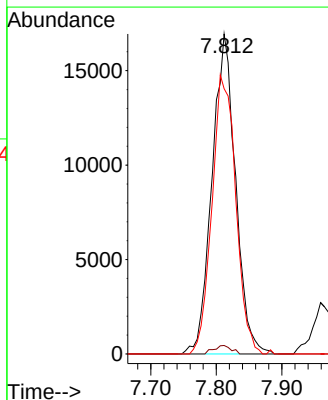
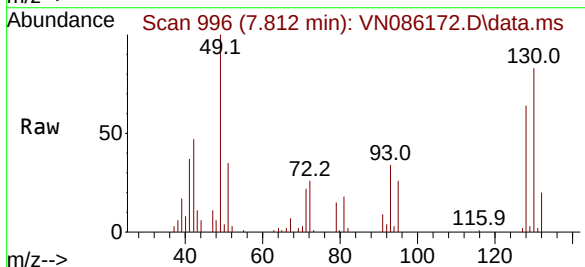
Manual Integrations
APPROVED

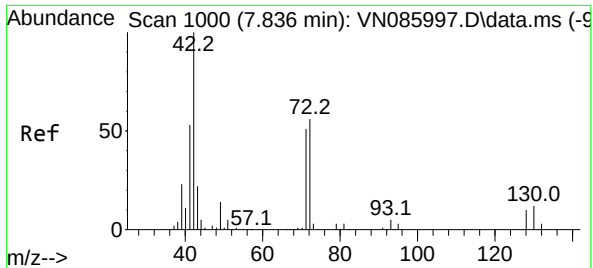
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#28
Bromochloromethane
Concen: 21.551 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Tgt Ion: 49 Resp: 42255
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 87.9 74.2 111.4





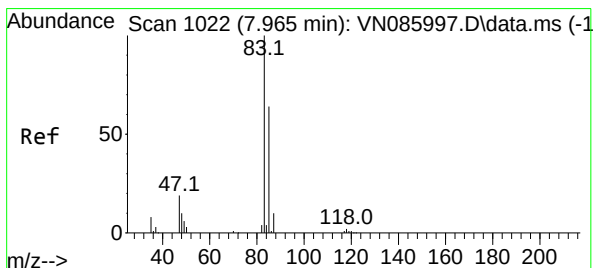
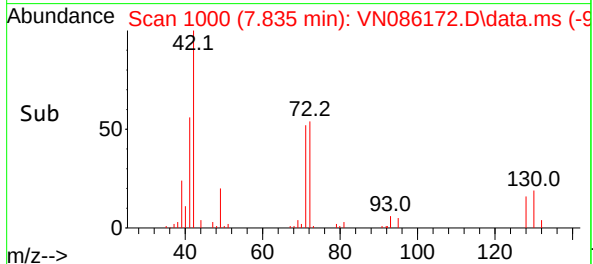
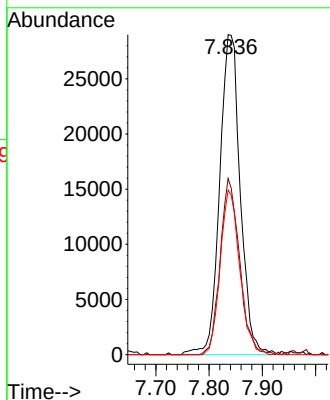
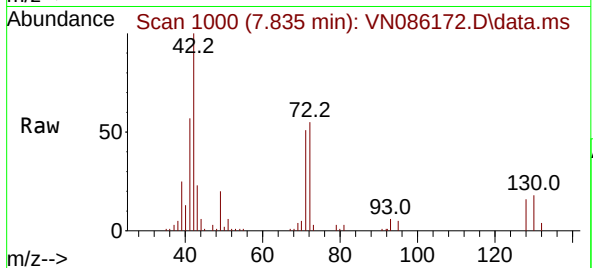
#29
Tetrahydrofuran
Concen: 90.514 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion: 42 Resp: 77940
Ion Ratio Lower Upper
42 100
72 51.6 45.0 67.4
71 48.8 41.9 62.9

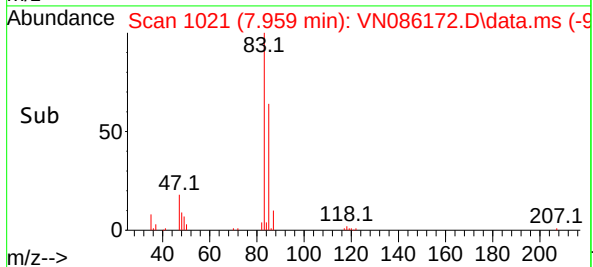
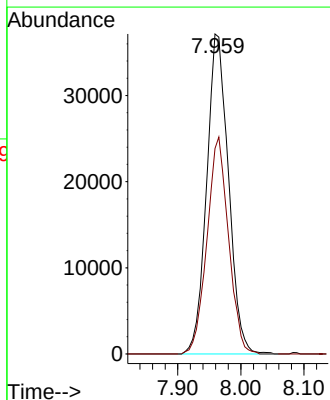
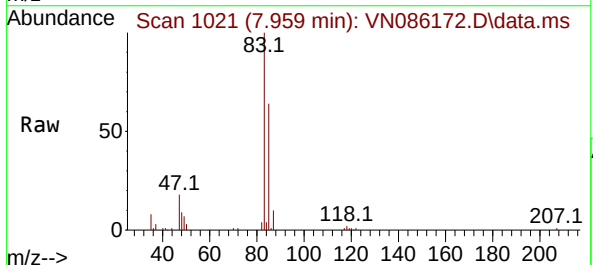
Manual Integrations
APPROVED

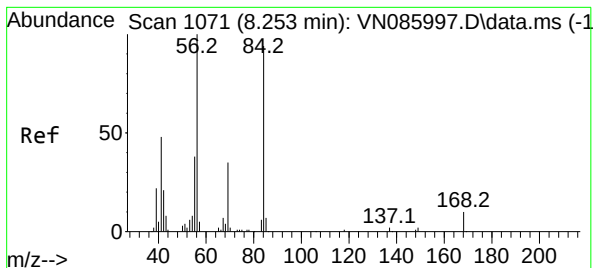
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#30
Chloroform
Concen: 17.427 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Tgt Ion: 83 Resp: 89143
Ion Ratio Lower Upper
83 100
85 64.2 51.5 77.3





#31

Cyclohexane

Concen: 17.693 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086172.D

Acq: 31 Mar 2025 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

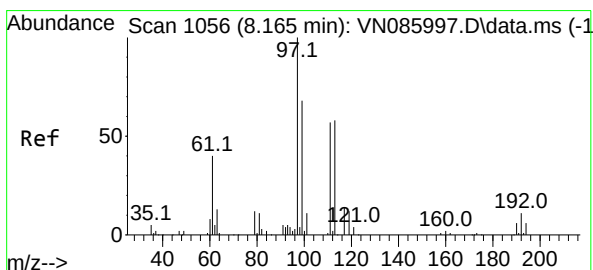
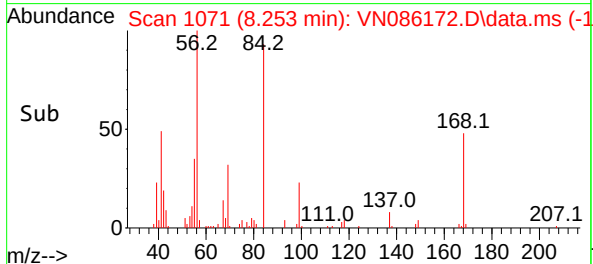
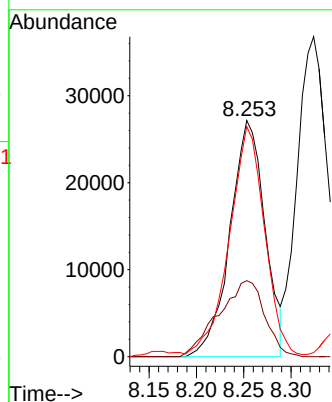
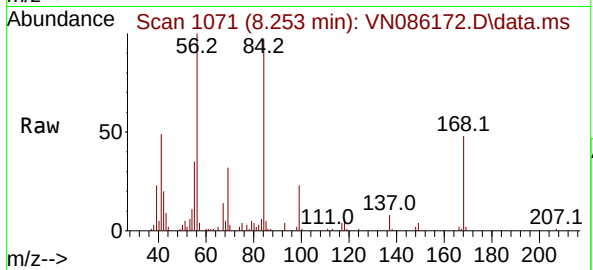
Tgt Ion:	56	Resp:	6975
Ion Ratio	Lower	Upper	
56	100		
69	32.2	28.0	42.0
84	95.6	75.0	112.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#32

1,1,1-Trichloroethane

Concen: 16.797 ug/l

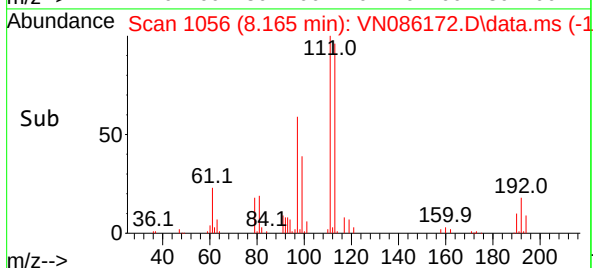
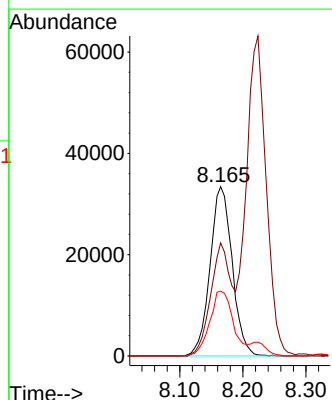
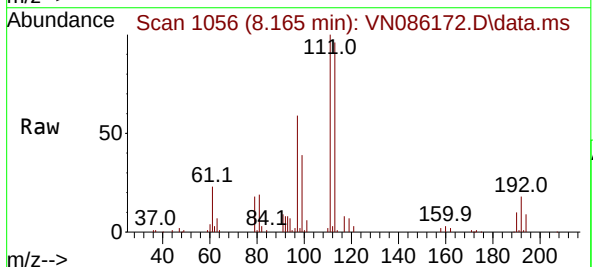
RT: 8.165 min Scan# 1056

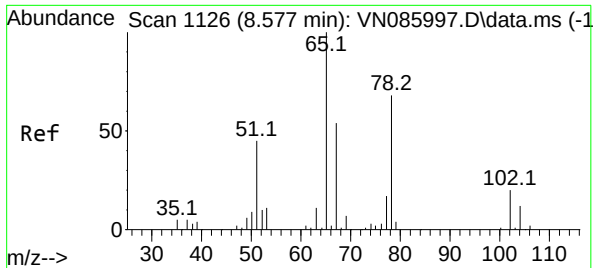
Delta R.T. -0.000 min

Lab File: VN086172.D

Acq: 31 Mar 2025 16:04

Tgt Ion:	97	Resp:	81330
Ion Ratio	Lower	Upper	
97	100		
99	63.1	52.8	79.2
61	40.5	33.6	50.4





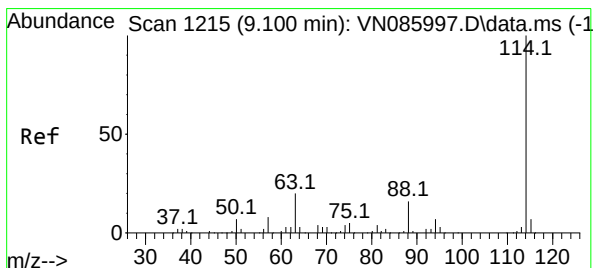
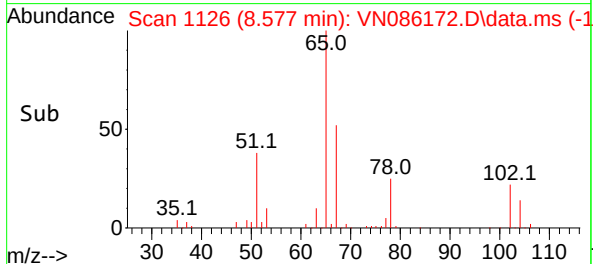
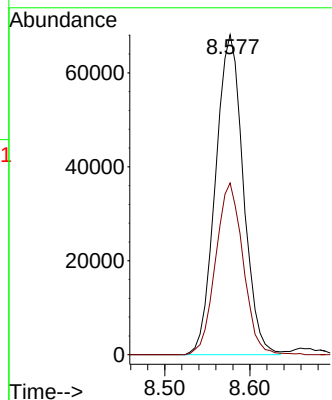
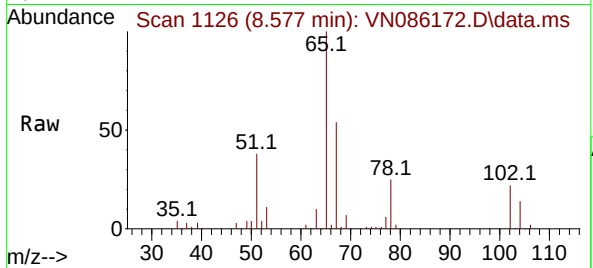
#33
1,2-Dichloroethane-d4
Concen: 48.767 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion: 65 Resp: 15429
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.2

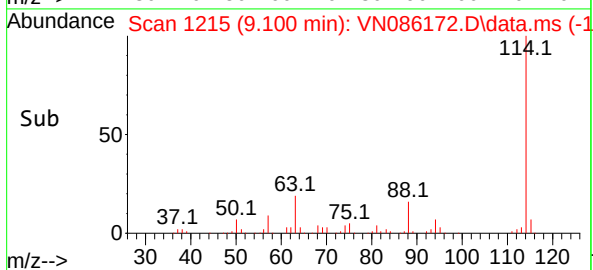
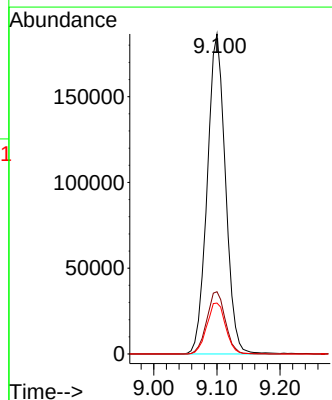
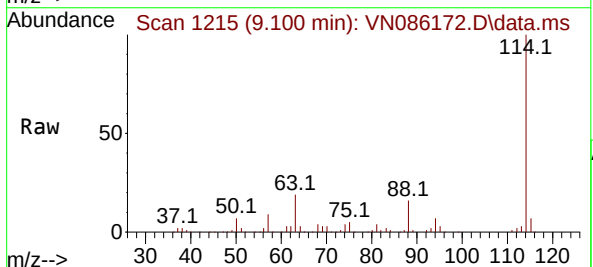
Manual Integrations
APPROVED

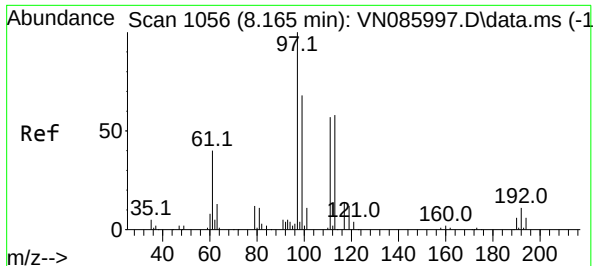
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Tgt Ion:114 Resp: 374245
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.315 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086172.D

Acq: 31 Mar 2025 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

Tgt Ion: 113 Resp: 13143

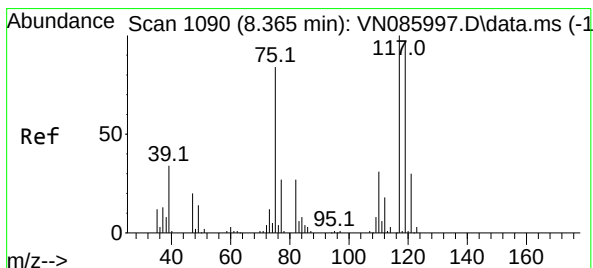
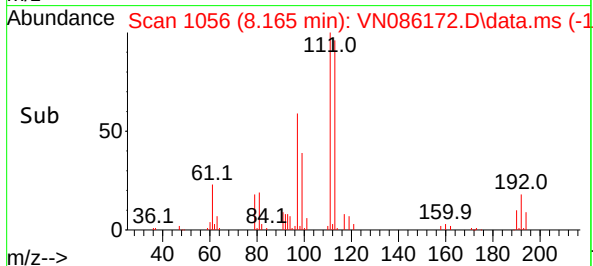
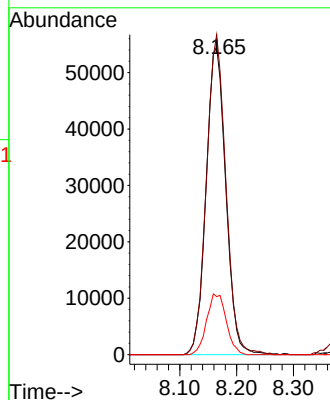
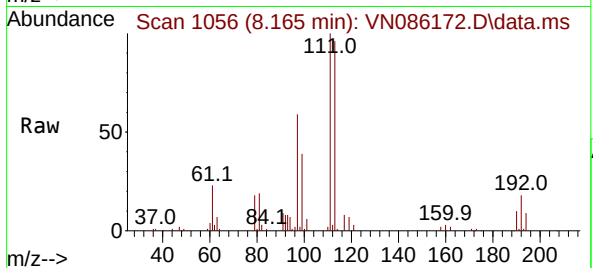
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	19.6	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#36

1,1-Dichloropropene

Concen: 17.393 ug/l

RT: 8.371 min Scan# 1091

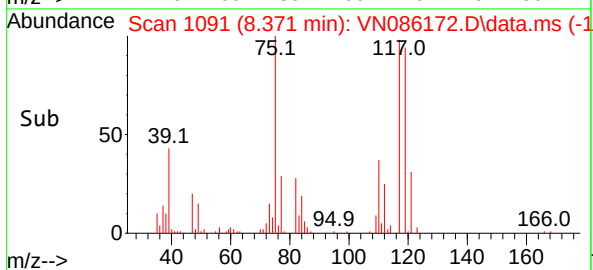
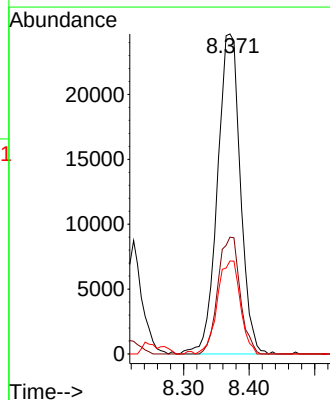
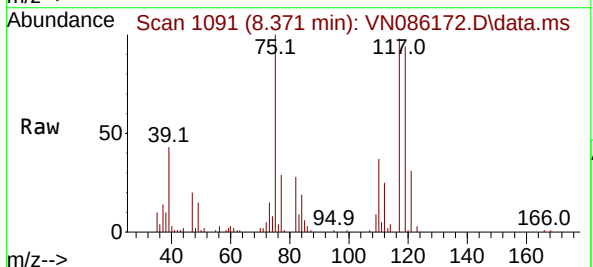
Delta R.T. 0.006 min

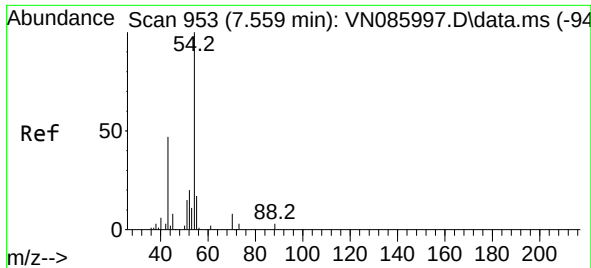
Lab File: VN086172.D

Acq: 31 Mar 2025 16:04

Tgt Ion: 75 Resp: 59825

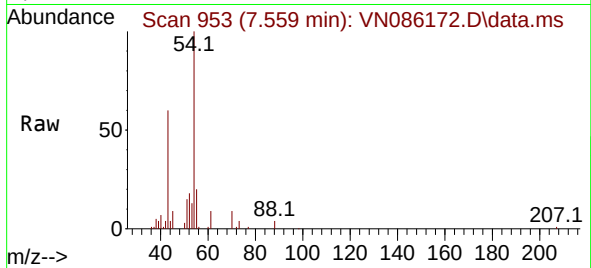
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.8	53.3
77	29.1	25.0	37.4





#37
Ethyl Acetate
Concen: 16.826 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

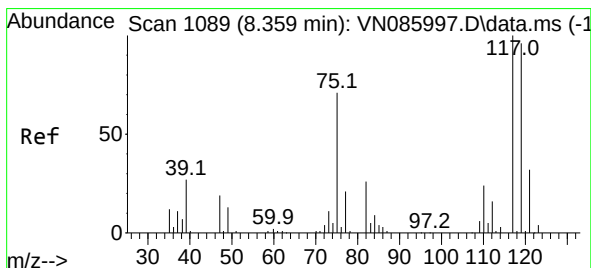
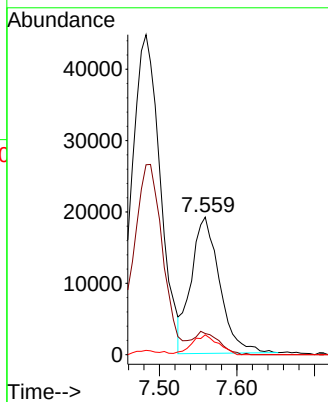
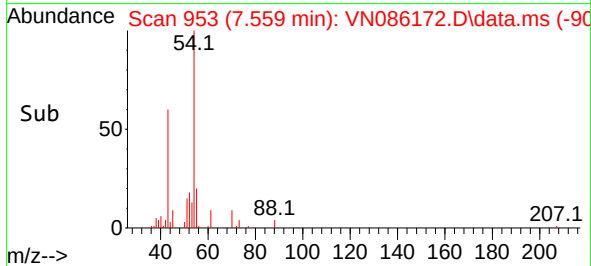
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 43 Resp: 48820
Ion Ratio Lower Upper
43 100
61 15.1 13.0 19.4
70 13.4 11.0 16.6

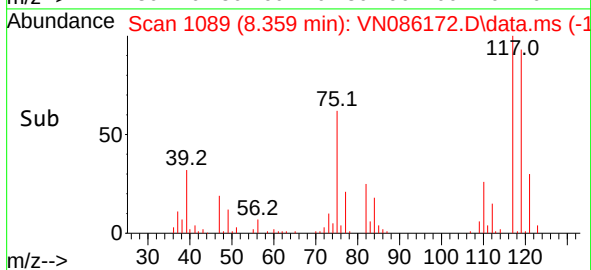
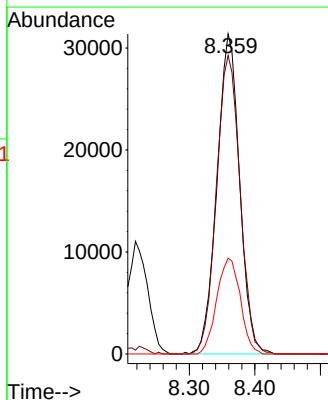
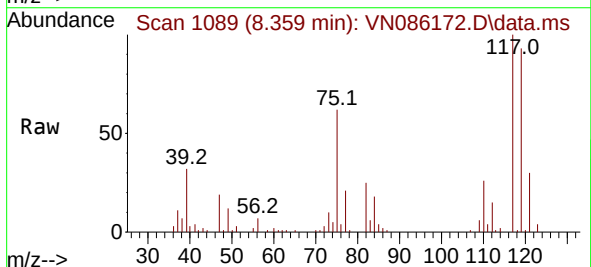
Manual Integrations
APPROVED

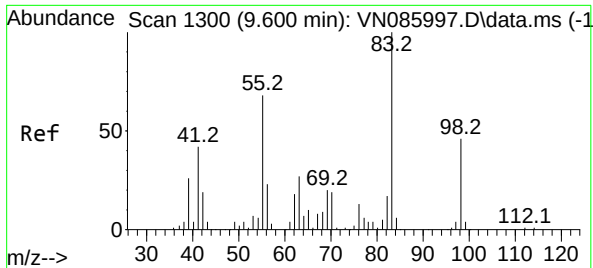
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#38
Carbon Tetrachloride
Concen: 16.593 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

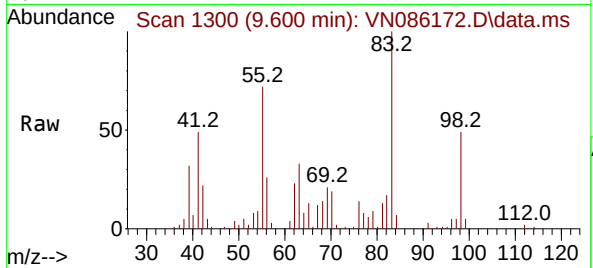
Tgt Ion:117 Resp: 75043
Ion Ratio Lower Upper
117 100
119 93.3 77.0 115.4
121 30.0 25.6 38.4





#39
Methylcyclohexane
Concen: 16.275 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

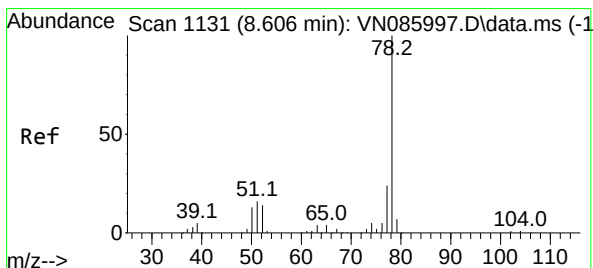
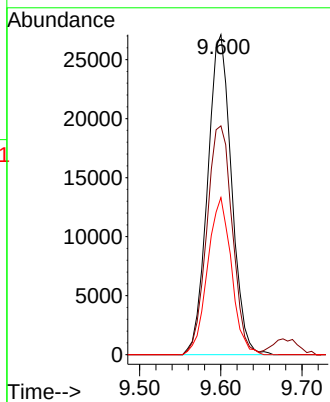
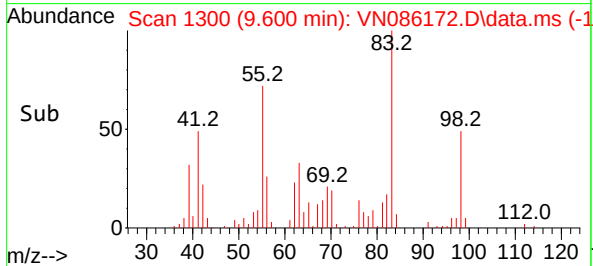
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



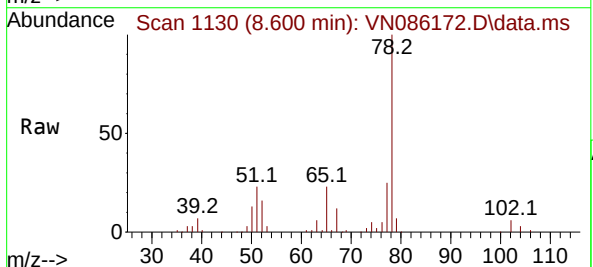
Tgt Ion: 83 Resp: 55540
Ion Ratio Lower Upper
83 100
55 71.5 54.2 81.2
98 49.1 37.1 55.7

Manual Integrations
APPROVED

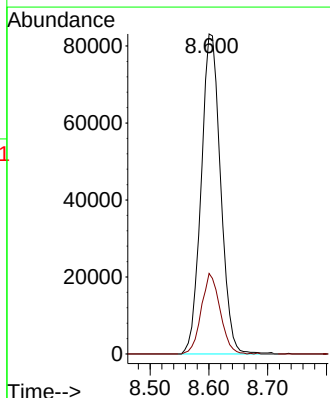
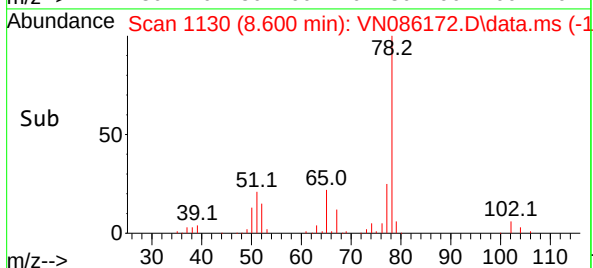
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

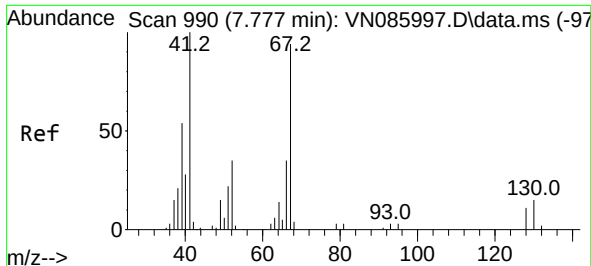


#40
Benzene
Concen: 17.673 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



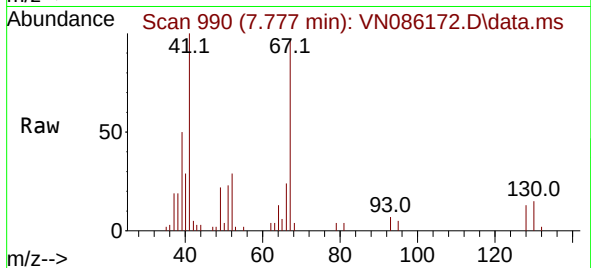
Tgt Ion: 78 Resp: 190823
Ion Ratio Lower Upper
78 100
77 25.1 18.9 28.3





#41
Methacrylonitrile
Concen: 17.229 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

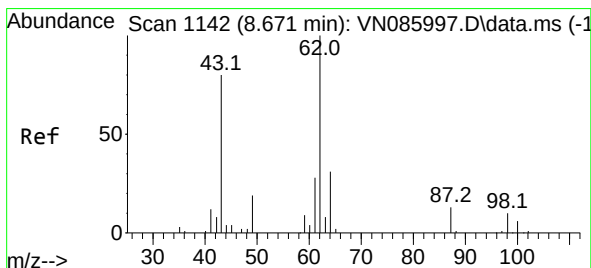
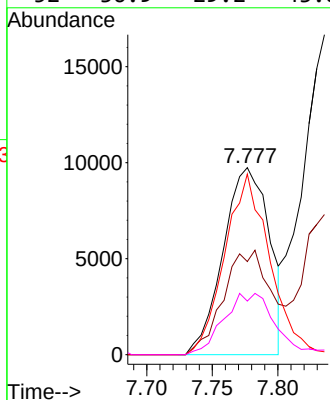
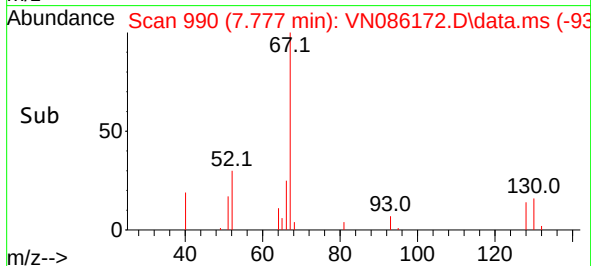
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 41	Resp: 2387
Ion Ratio	Lower Upper
41 100	
39 59.1	46.2 69.2
67 93.8	75.9 113.9
52 36.9	29.2 43.8

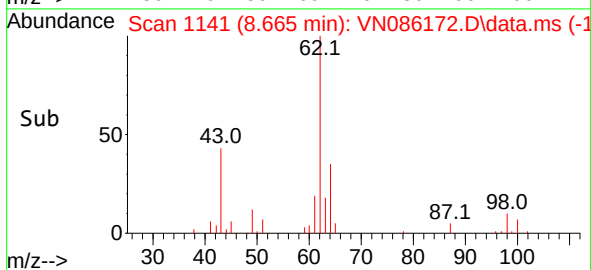
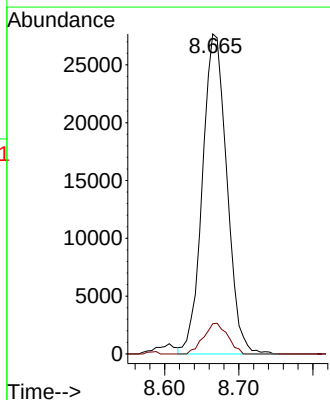
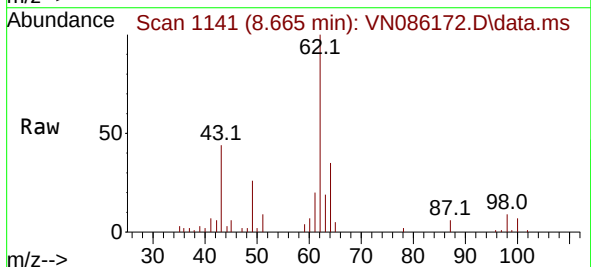
Manual Integrations
APPROVED

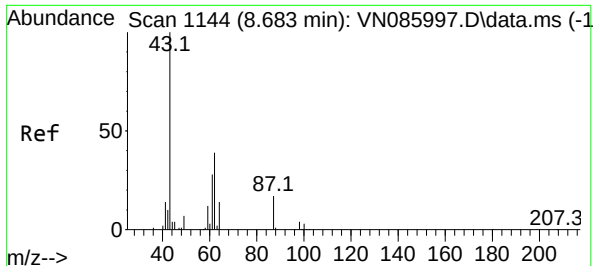
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#42
1,2-Dichloroethane
Concen: 16.841 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

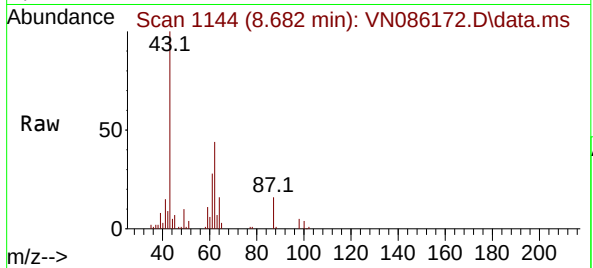
Tgt Ion: 62	Resp: 63363
Ion Ratio	Lower Upper
62 100	
98 9.5	0.0 18.6





#43
Isopropyl Acetate
Concen: 13.842 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

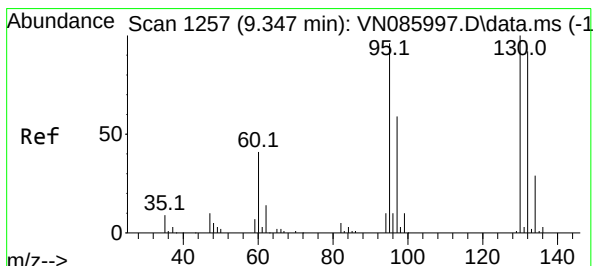
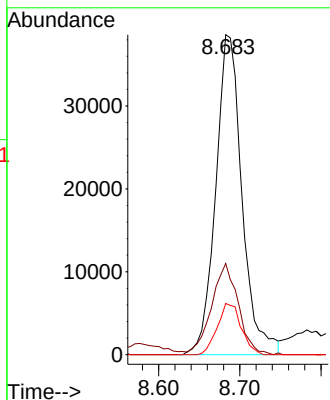
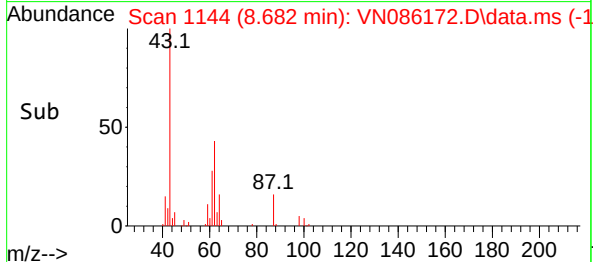
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



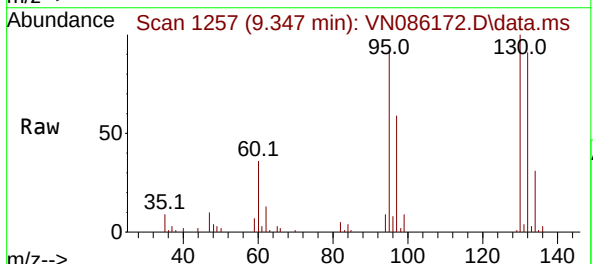
Tgt Ion: 43 Resp: 8703
Ion Ratio Lower Upper
43 100
61 29.0 25.0 37.6
87 14.5 13.0 19.4

Manual Integrations
APPROVED

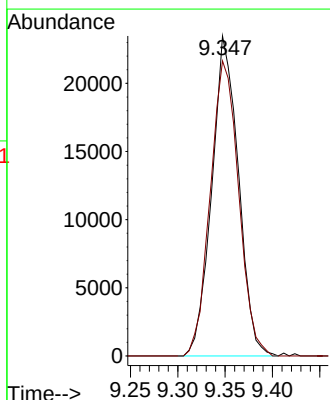
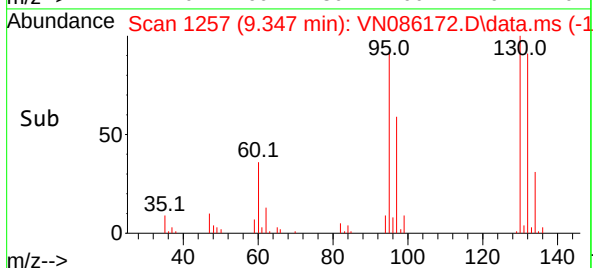
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

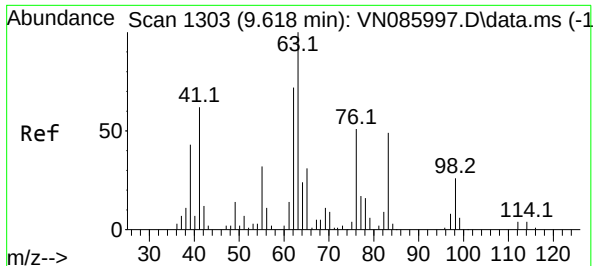


#44
Trichloroethene
Concen: 16.409 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



Tgt Ion:130 Resp: 45922
Ion Ratio Lower Upper
130 100
95 92.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 18.860 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086172.D

Acq: 31 Mar 2025 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

Tgt Ion: 63 Resp: 4631

Ion Ratio Lower Upper

63 100

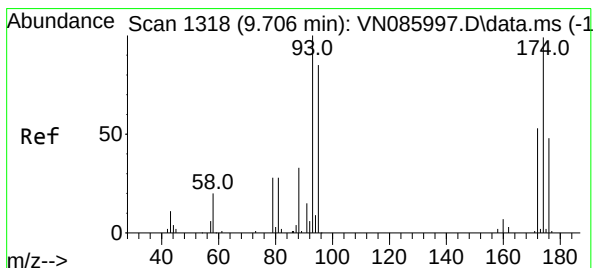
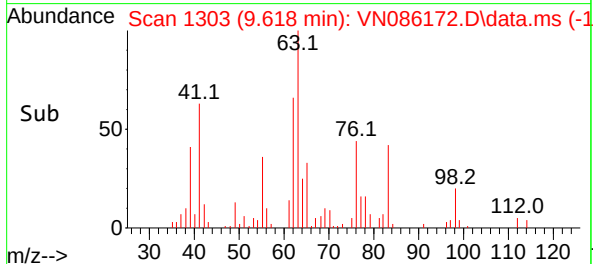
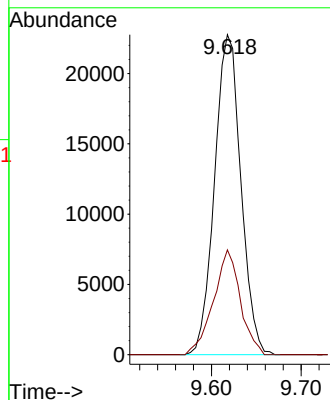
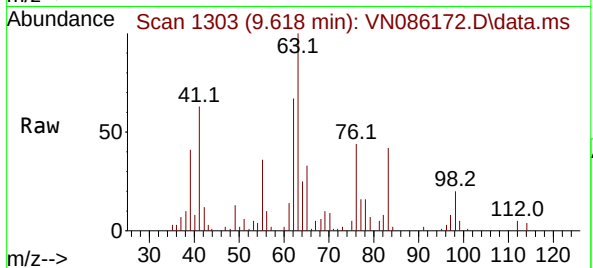
65 32.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#46

Dibromomethane

Concen: 17.666 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086172.D

Acq: 31 Mar 2025 16:04

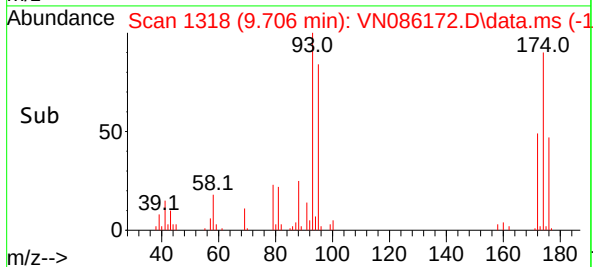
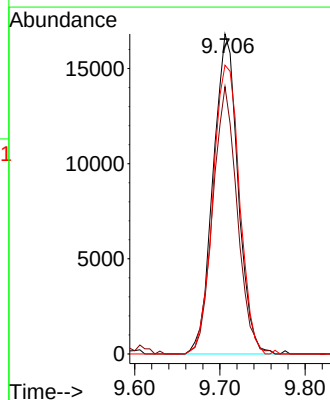
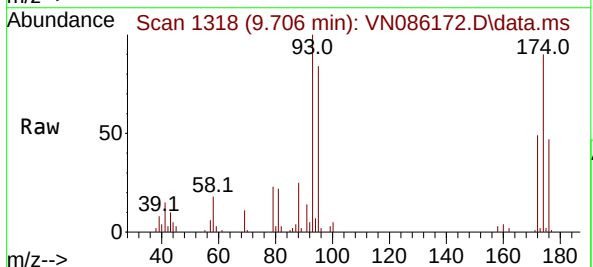
Tgt Ion: 93 Resp: 34120

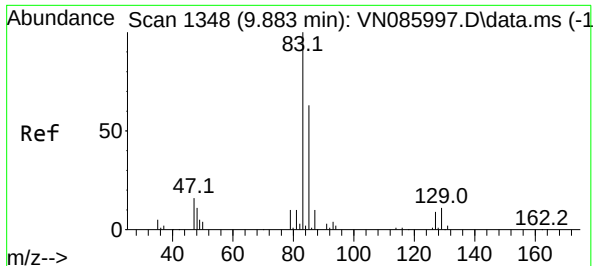
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.2

174 96.1 80.1 120.1





#47

Bromodichloromethane

Concen: 17.246 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VN086172.D

Acq: 31 Mar 2025 16:04

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

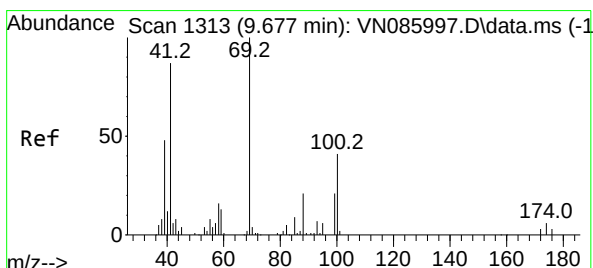
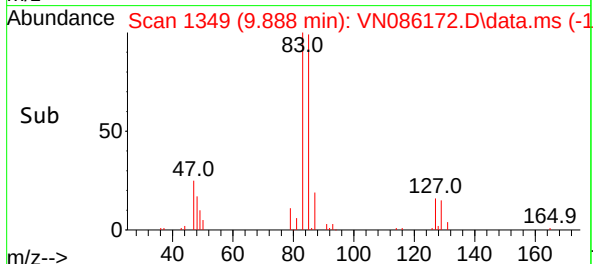
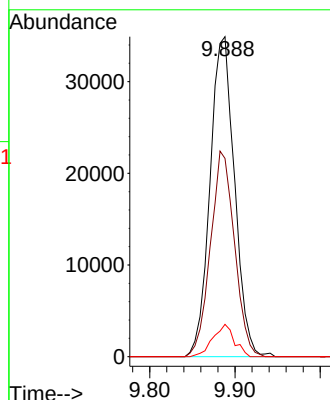
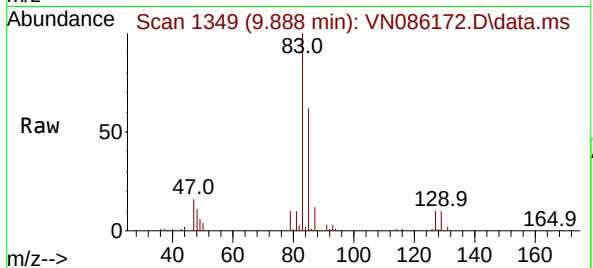
Tgt Ion:	83	Resp:	6961
Ion Ratio	Lower	Upper	
83	100		
85	62.0	50.2	75.2
127	10.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#48

Methyl methacrylate

Concen: 16.529 ug/l

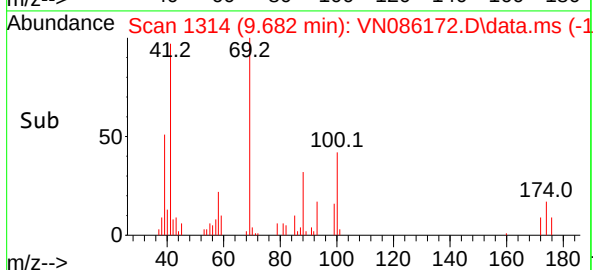
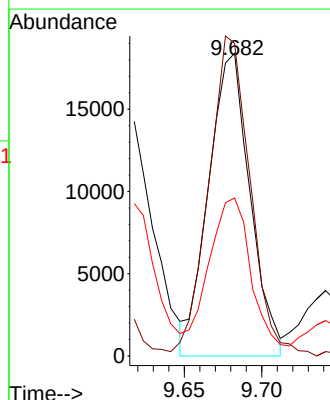
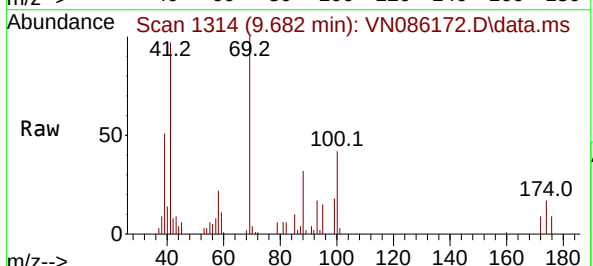
RT: 9.682 min Scan# 1314

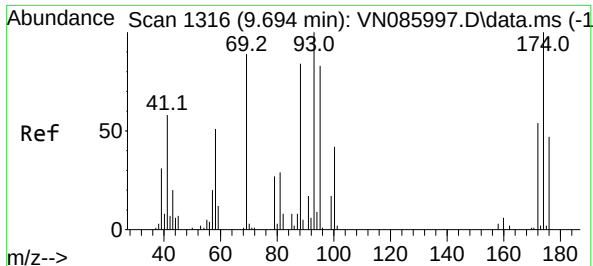
Delta R.T. 0.006 min

Lab File: VN086172.D

Acq: 31 Mar 2025 16:04

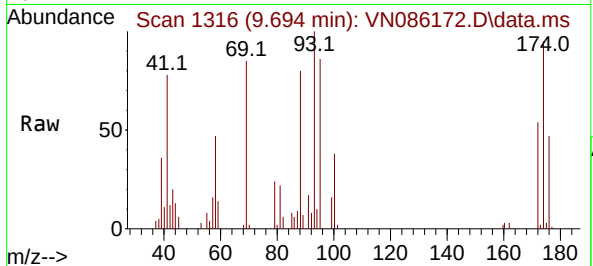
Tgt Ion:	41	Resp:	34297
Ion Ratio	Lower	Upper	
41	100		
69	105.5	83.1	124.7
39	54.9	45.6	68.4





#49
1,4-Dioxane
Concen: 344.494 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

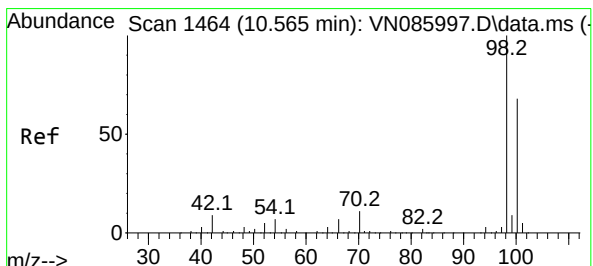
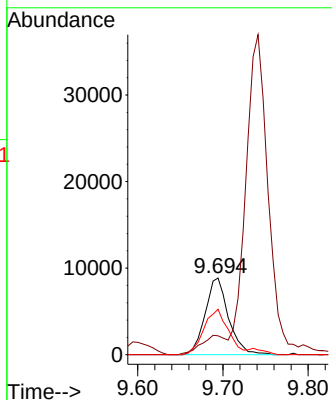
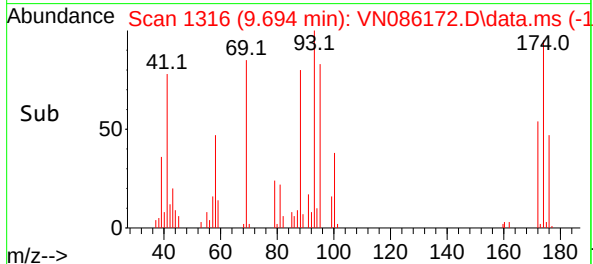
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 88 Resp: 16898
Ion Ratio Lower Upper
88 100
43 27.4 21.7 32.5
58 62.4 50.4 75.6

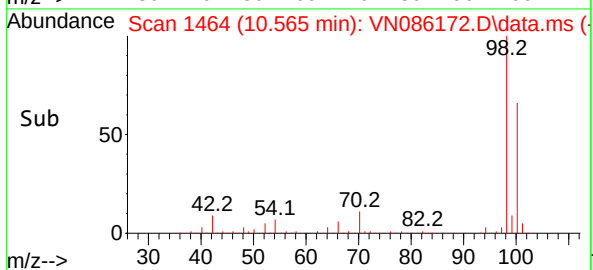
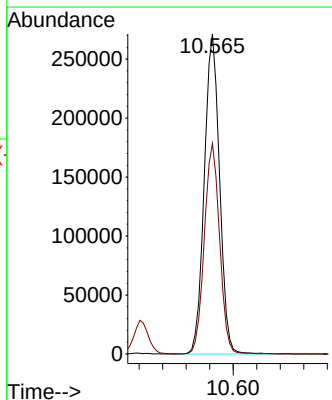
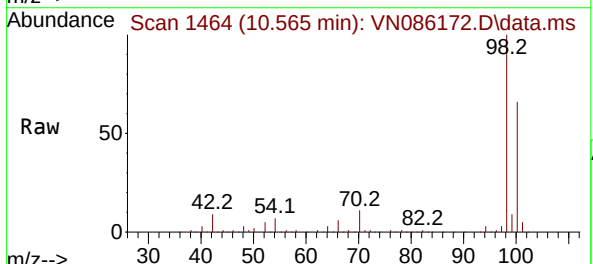
Manual Integrations
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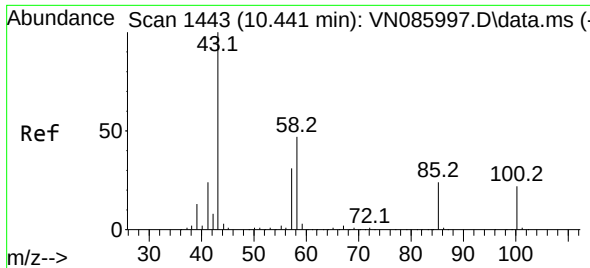
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#50
Toluene-d8
Concen: 51.523 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

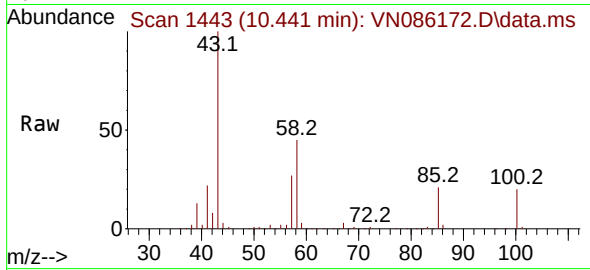
Tgt Ion: 98 Resp: 488462
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 90.767 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

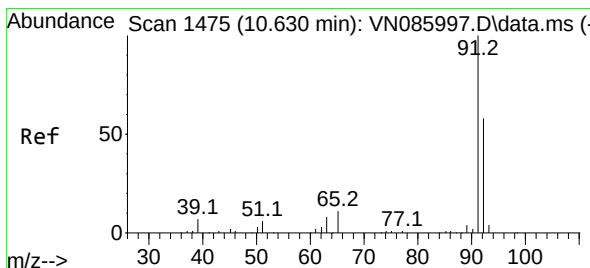
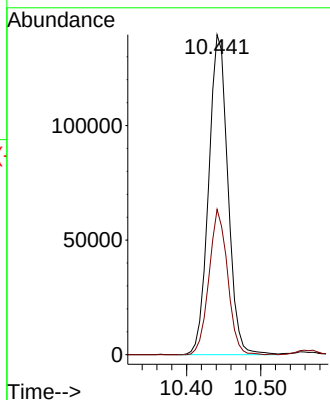
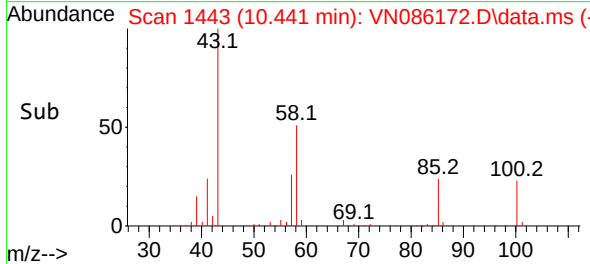
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



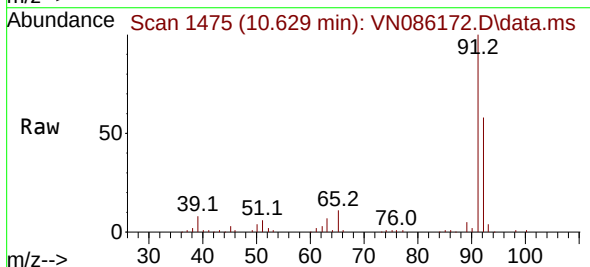
Tgt Ion: 43 Resp: 25171
Ion Ratio Lower Upper
43 100
58 43.8 37.4 56.0

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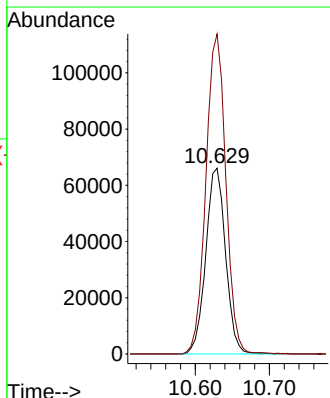
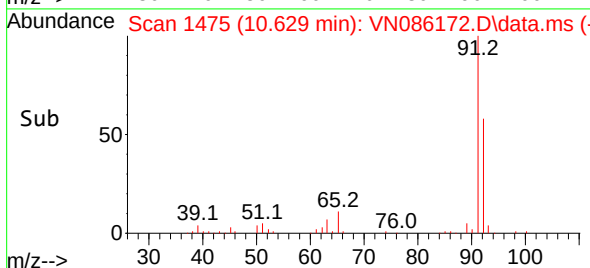
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

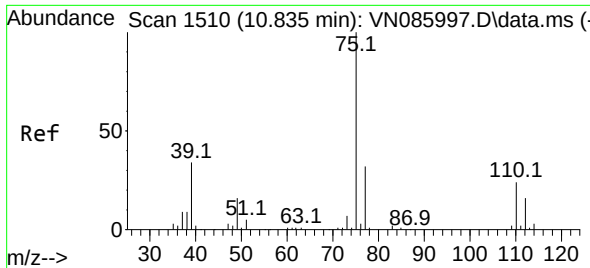


#52
Toluene
Concen: 18.480 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



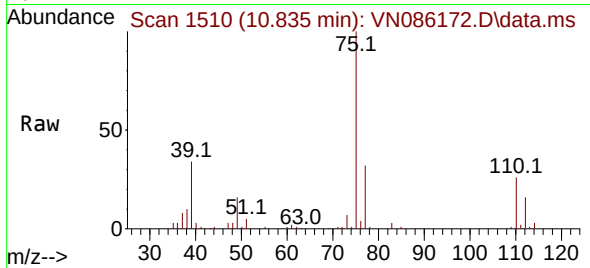
Tgt Ion: 92 Resp: 122468
Ion Ratio Lower Upper
92 100
91 173.5 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 16.870 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

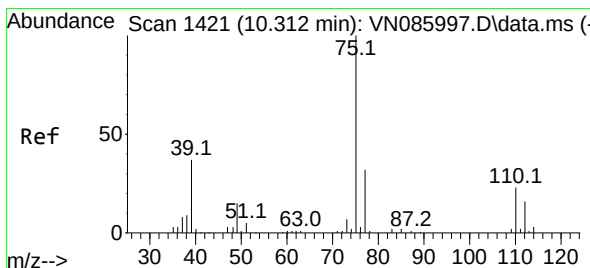
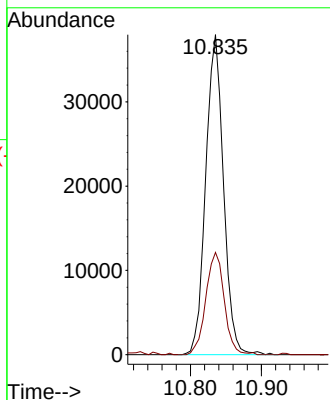
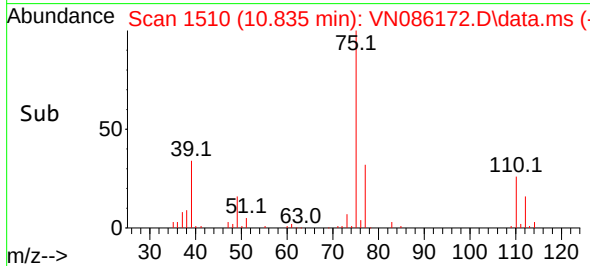
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



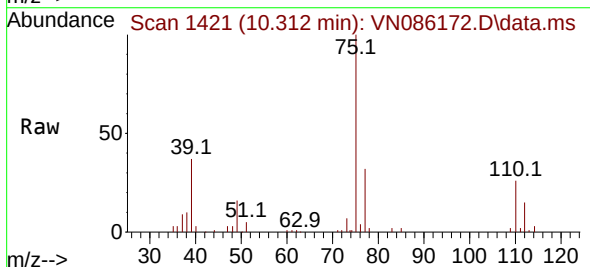
Tgt Ion: 75 Resp: 6613
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9

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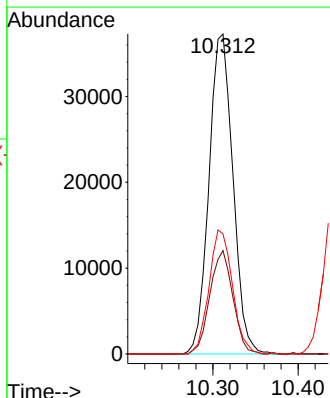
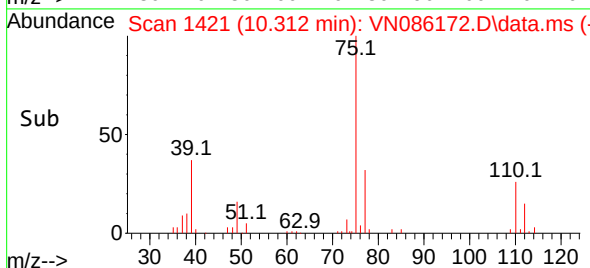
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

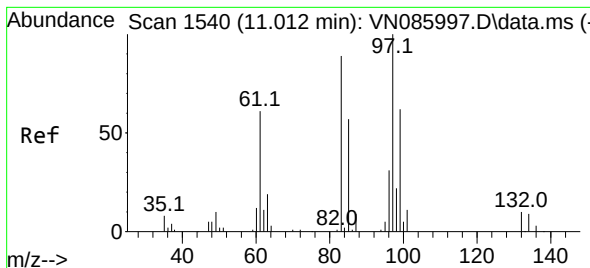


#54
cis-1,3-Dichloropropene
Concen: 17.614 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



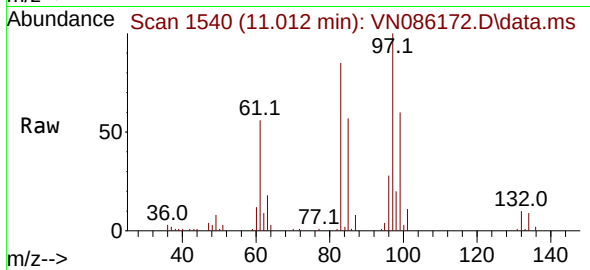
Tgt Ion: 75 Resp: 72851
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 37.5 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 18.128 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

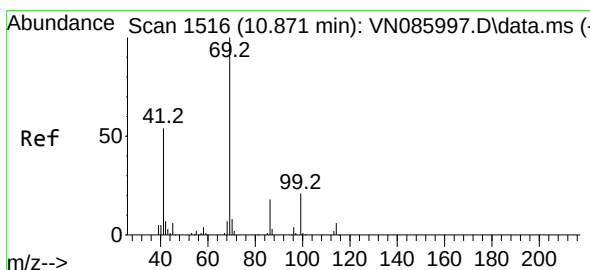
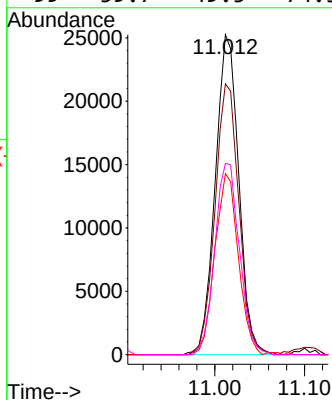
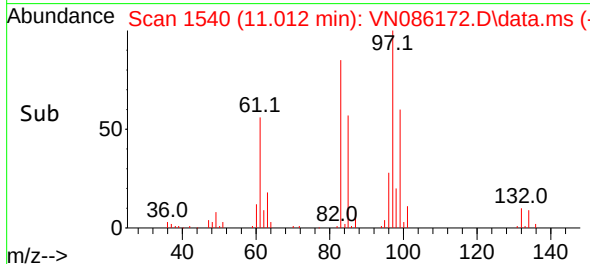
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



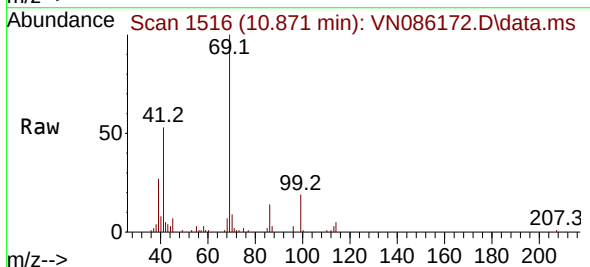
Tgt Ion: 97 Resp: 45854
Ion Ratio Lower Upper
97 100
83 84.6 71.2 106.8
85 56.5 45.4 68.0
99 59.7 49.5 74.3

Manual Integrations
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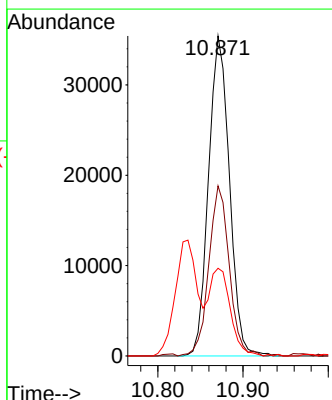
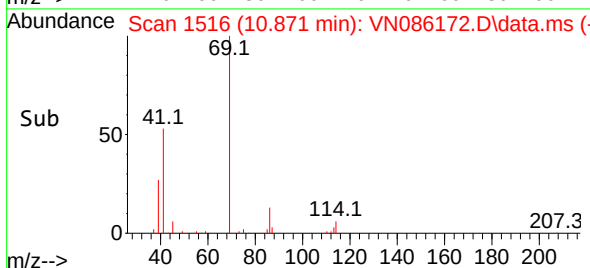
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

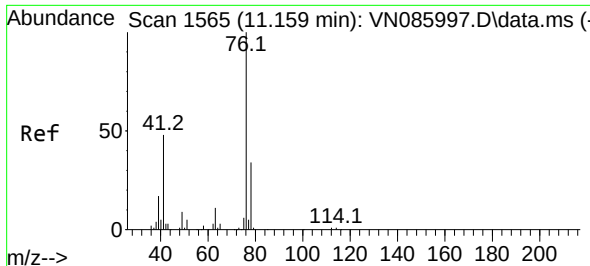


#56
Ethyl methacrylate
Concen: 17.665 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



Tgt Ion: 69 Resp: 60354
Ion Ratio Lower Upper
69 100
41 52.0 41.6 62.4
39 28.0 21.8 32.8





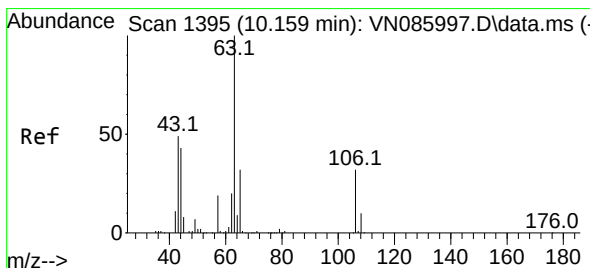
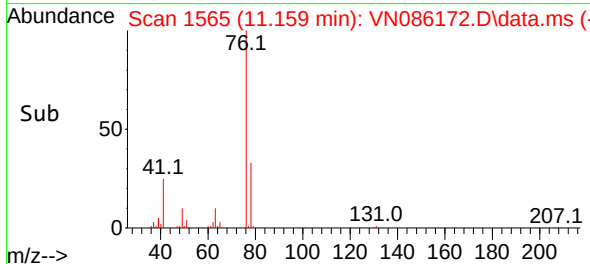
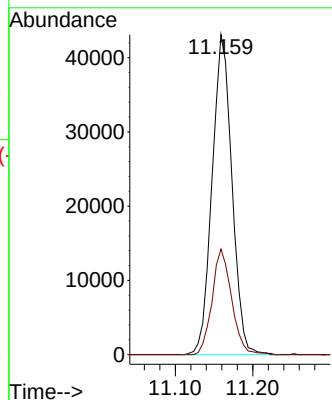
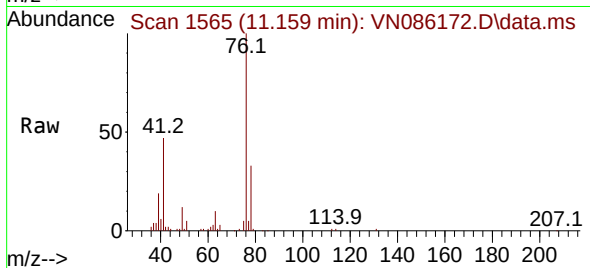
#57
1,3-Dichloropropane
Concen: 17.854 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion: 76 Resp: 7670
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6

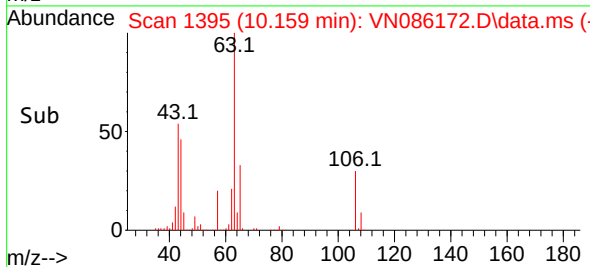
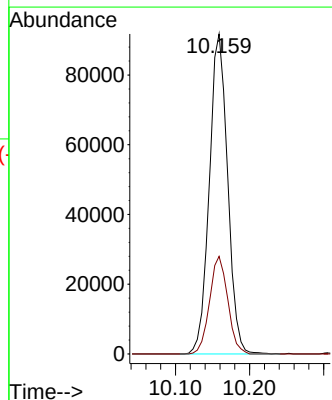
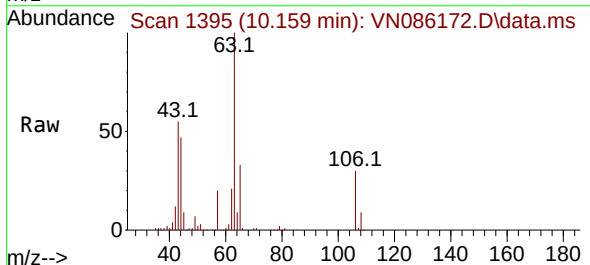
Manual Integrations
APPROVED

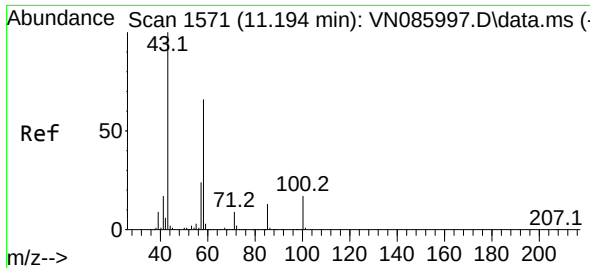
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#58
2-Chloroethyl Vinyl ether
Concen: 118.201 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

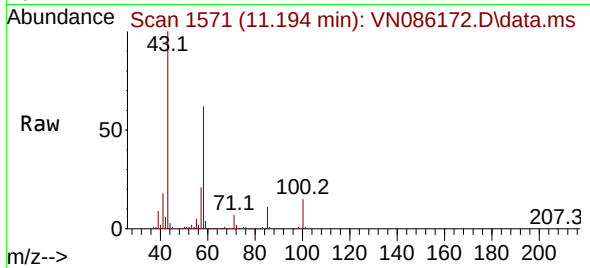
Tgt Ion: 63 Resp: 157461
Ion Ratio Lower Upper
63 100
106 30.3 25.0 37.6





#59
2-Hexanone
Concen: 88.510 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

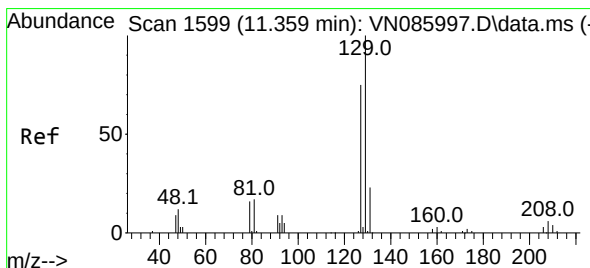
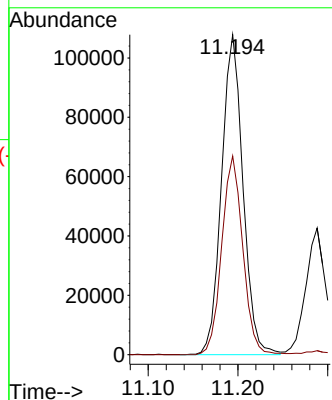
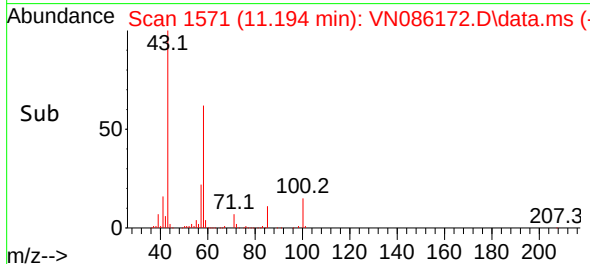
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 43 Resp: 178810
Ion Ratio Lower Upper
43 100
58 61.1 32.4 97.2

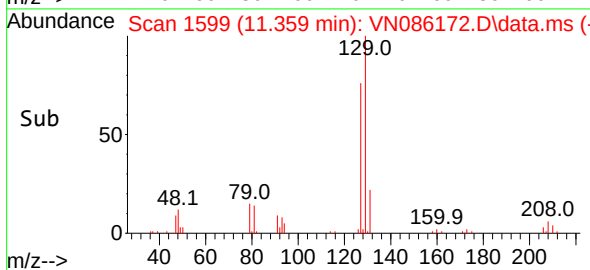
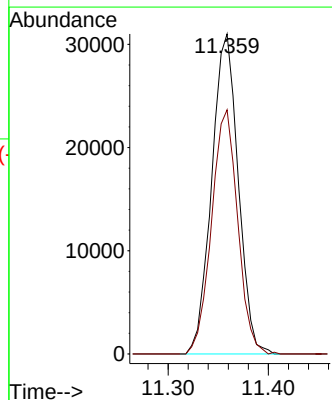
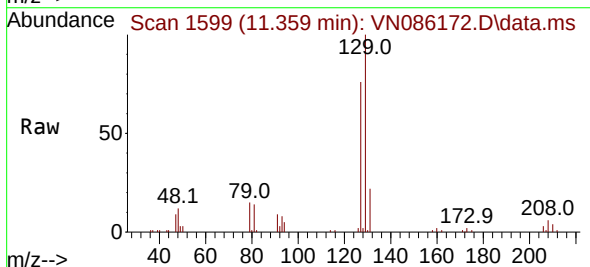
Manual Integrations
APPROVED

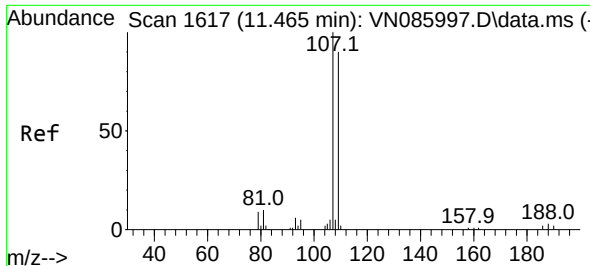
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#60
Dibromochloromethane
Concen: 17.422 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

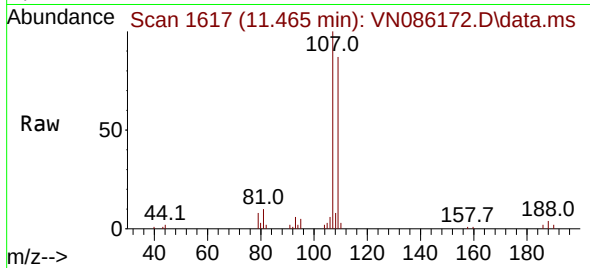
Tgt Ion:129 Resp: 56864
Ion Ratio Lower Upper
129 100
127 75.2 37.8 113.4





#61
1,2-Dibromoethane
Concen: 17.503 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

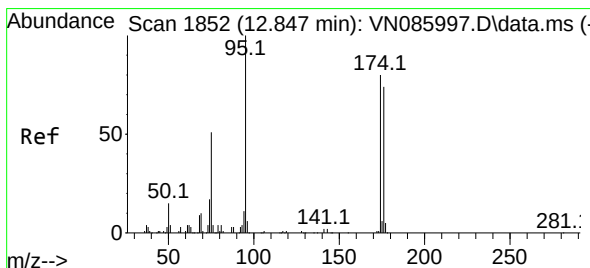
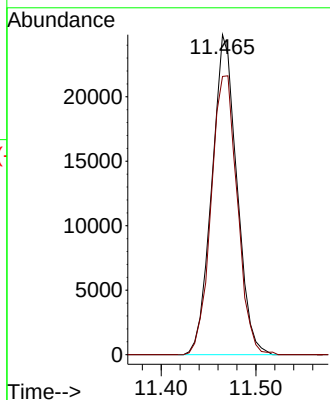
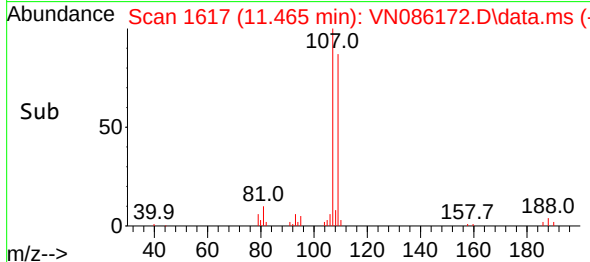
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



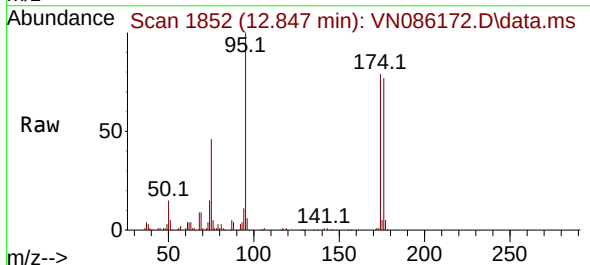
Tgt Ion:107 Resp: 45450
Ion Ratio Lower Upper
107 100
109 91.5 73.3 109.9

Manual Integrations
APPROVED

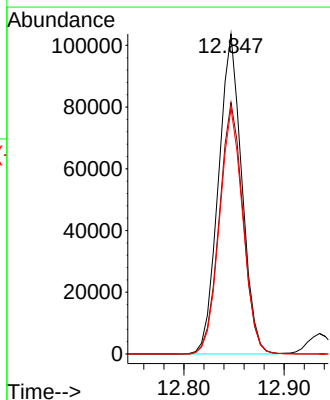
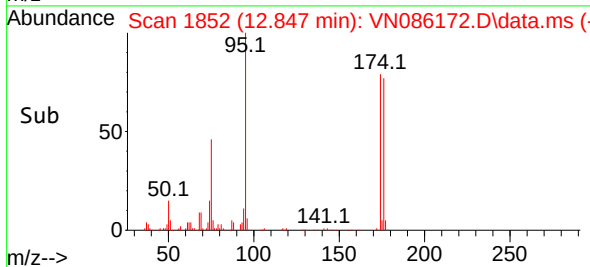
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

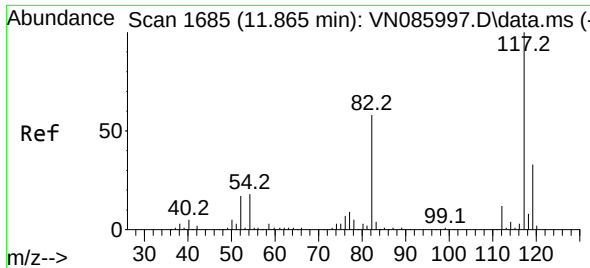


#62
4-Bromofluorobenzene
Concen: 49.560 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



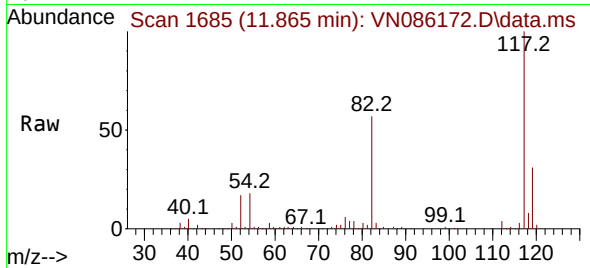
Tgt Ion: 95 Resp: 167562
Ion Ratio Lower Upper
95 100
174 79.8 0.0 156.8
176 76.8 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

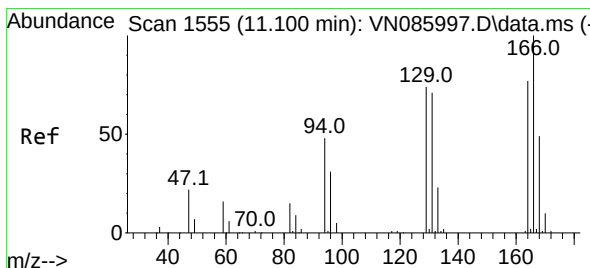
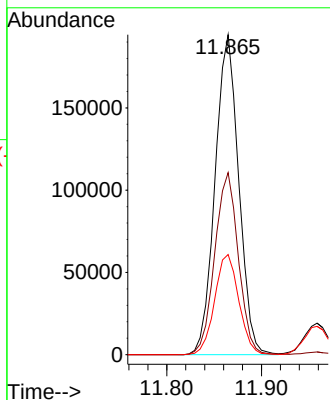
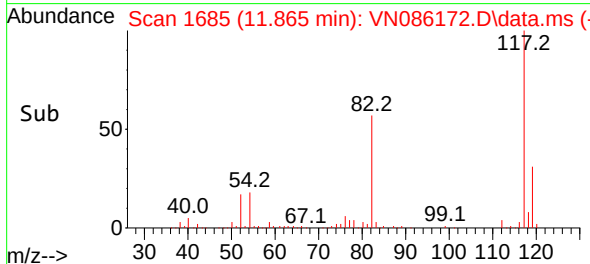
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



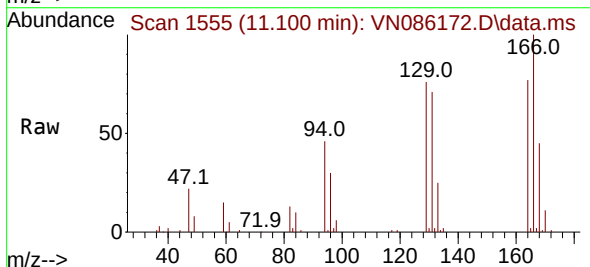
Tgt Ion:117 Resp: 337654
Ion Ratio Lower Upper
117 100
82 56.9 46.7 70.1
119 31.3 26.5 39.7

Manual Integrations
APPROVED

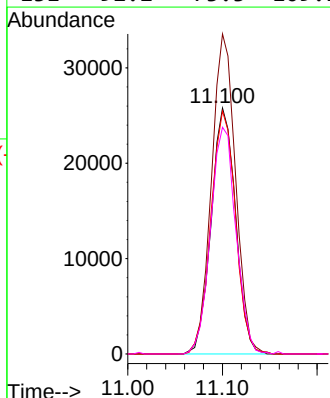
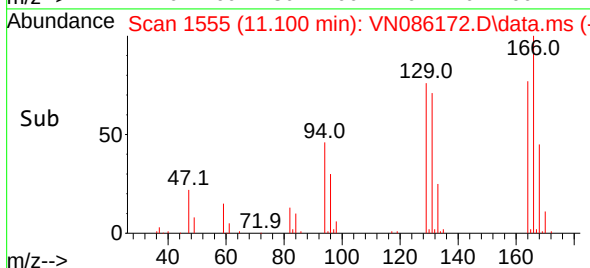
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

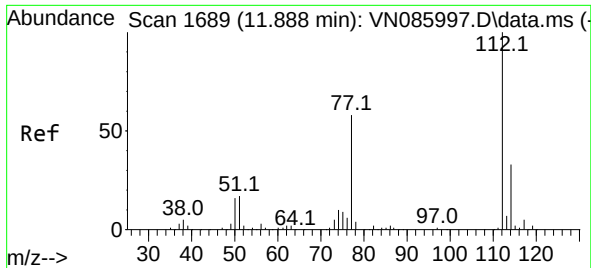


#64
Tetrachloroethene
Concen: 17.112 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



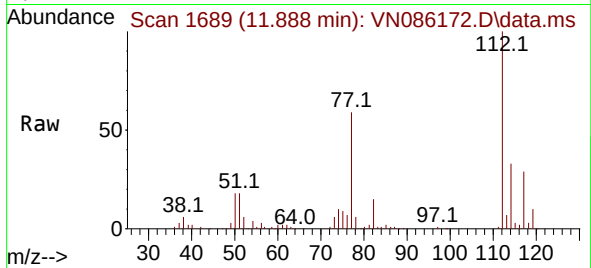
Tgt Ion:164 Resp: 46091
Ion Ratio Lower Upper
164 100
166 130.2 103.7 155.5
129 98.8 77.1 115.7
131 92.2 73.3 109.9





#65
Chlorobenzene
Concen: 16.913 ug/l
RT: 11.888 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

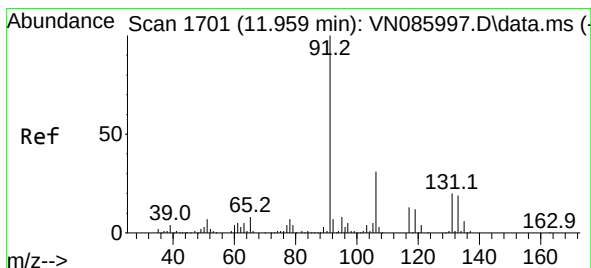
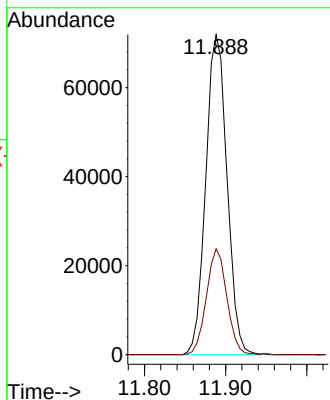
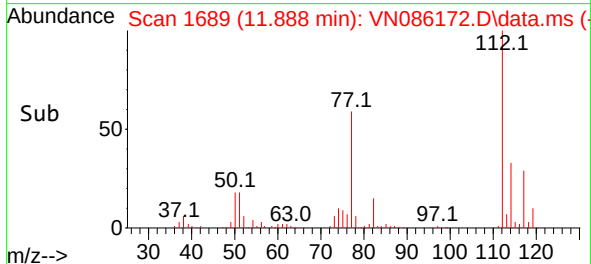
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



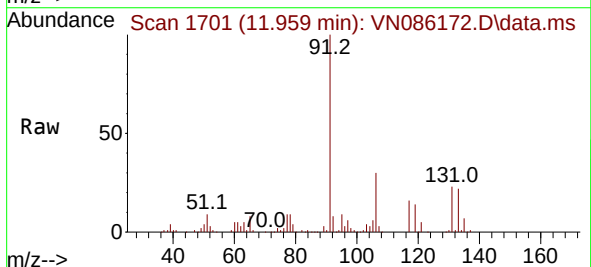
Tgt Ion:112 Resp: 130674
Ion Ratio Lower Upper
112 100
114 33.1 26.3 39.5

Manual Integrations
APPROVED

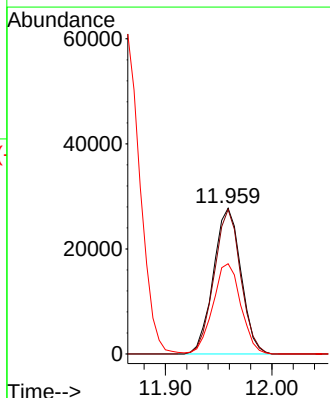
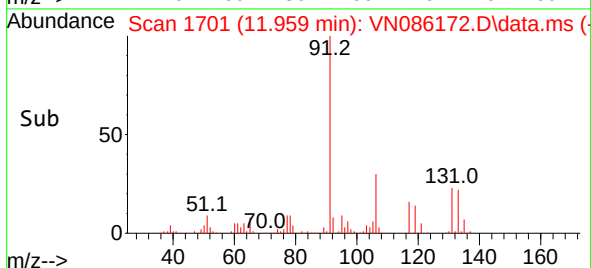
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

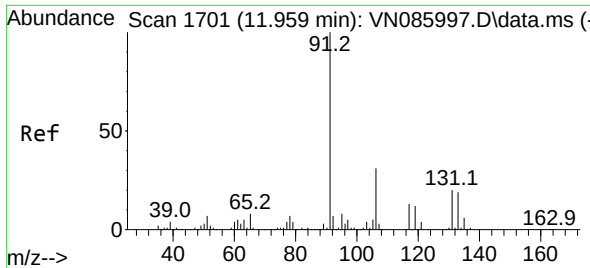


#66
1,1,1,2-Tetrachloroethane
Concen: 17.363 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



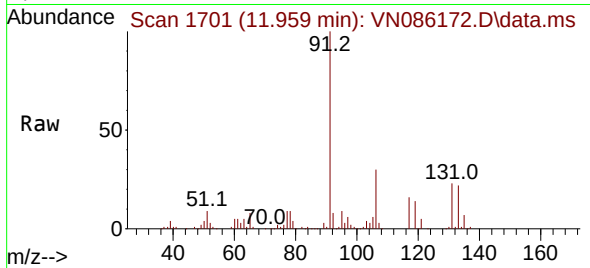
Tgt Ion:131 Resp: 49871
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.0
119 62.8 31.4 94.0





#67
Ethyl Benzene
Concen: 16.755 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

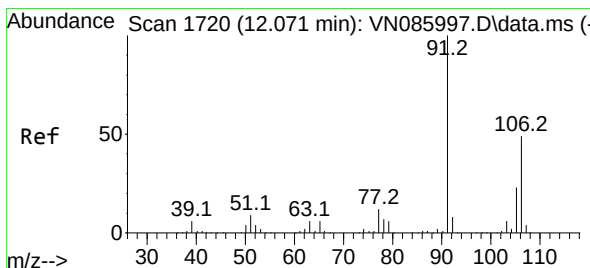
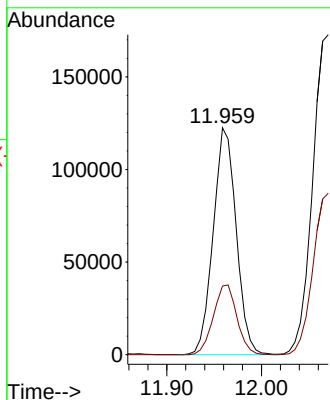
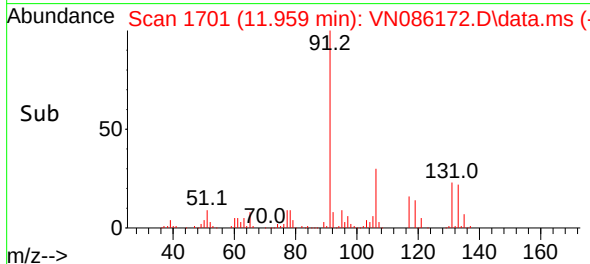
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 91 Resp: 207085
Ion Ratio Lower Upper
91 100
106 30.3 24.5 36.7

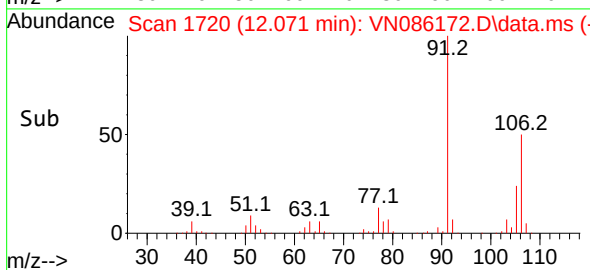
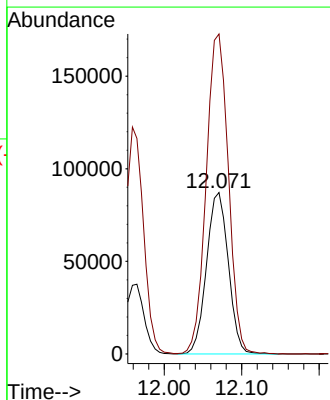
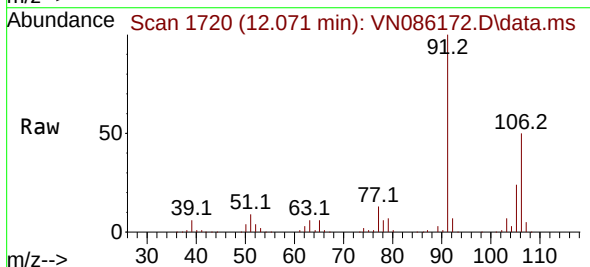
Manual Integrations
APPROVED

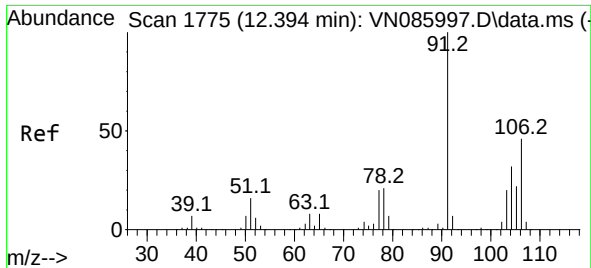
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#68
m/p-Xylenes
Concen: 35.075 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Tgt Ion:106 Resp: 170387
Ion Ratio Lower Upper
106 100
91 201.7 163.9 245.9





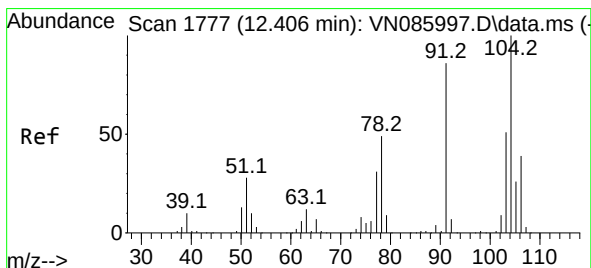
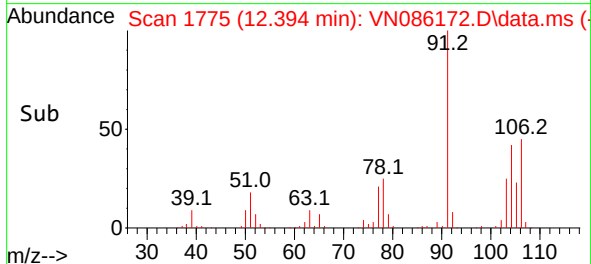
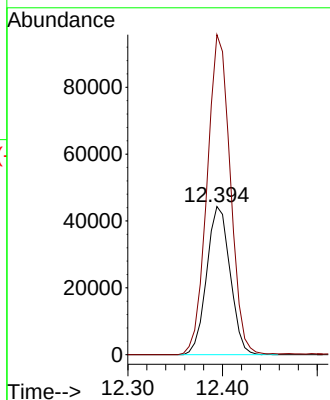
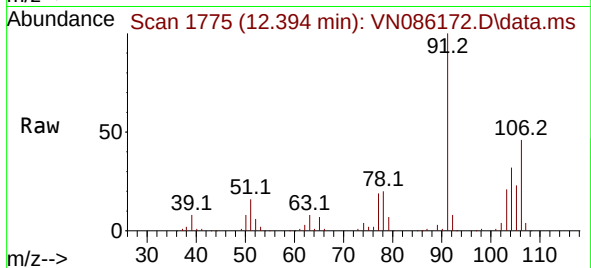
#69
o-Xylene
Concen: 17.100 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion:106 Resp: 76240
Ion Ratio Lower Upper
106 100
91 214.6 109.1 327.2

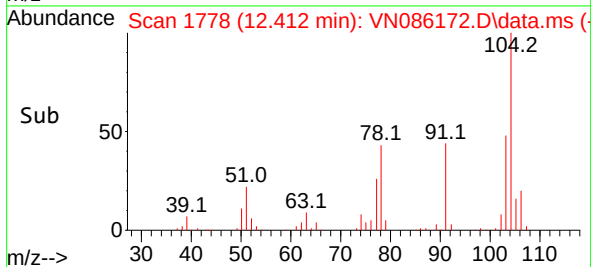
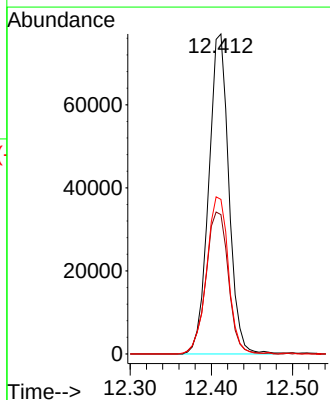
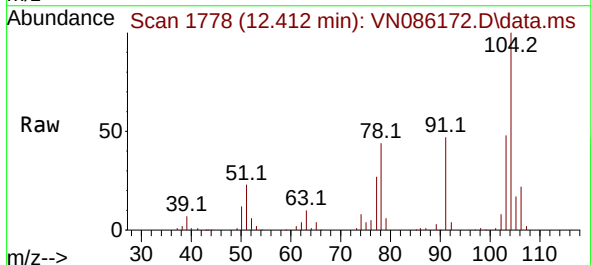
Manual Integrations
APPROVED

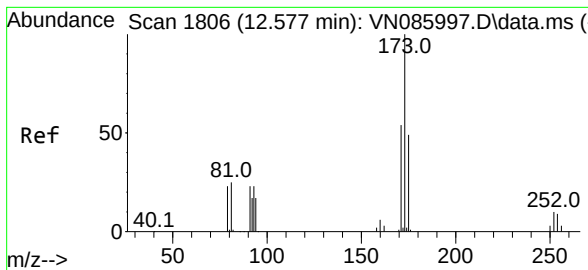
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#70
Styrene
Concen: 17.421 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Tgt Ion:104 Resp: 132664
Ion Ratio Lower Upper
104 100
78 49.5 41.4 62.2
103 53.2 42.9 64.3





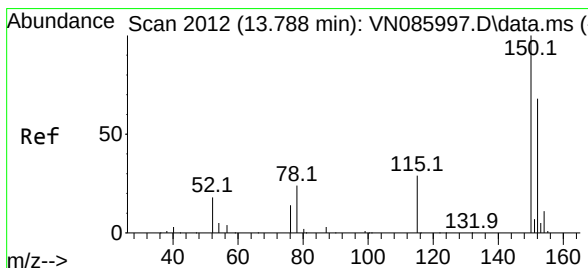
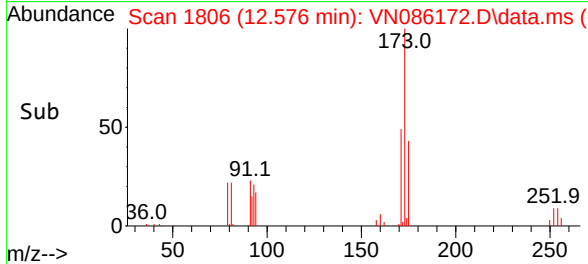
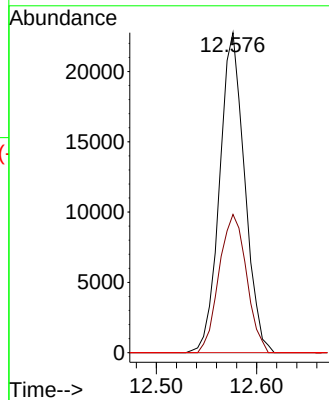
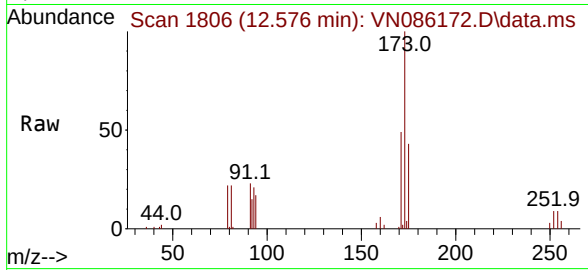
#71
Bromoform
Concen: 16.385 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion:173 Resp: 3934
Ion Ratio Lower Upper
173 100
175 47.4 24.3 73.0
254 0.0 0.0 0.0

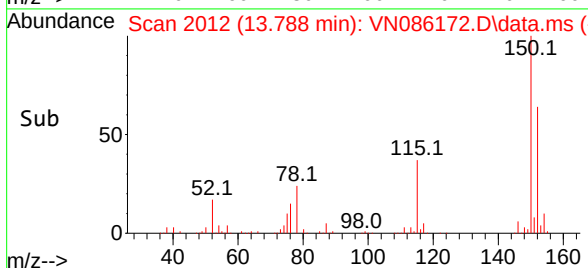
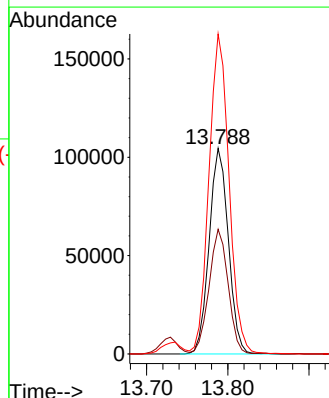
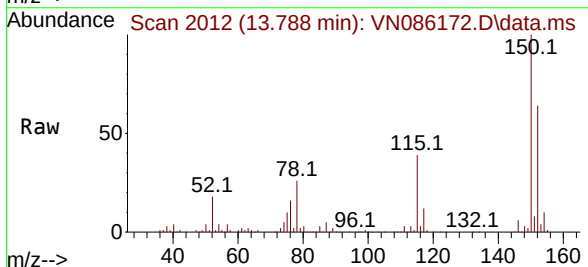
Manual Integrations
APPROVED

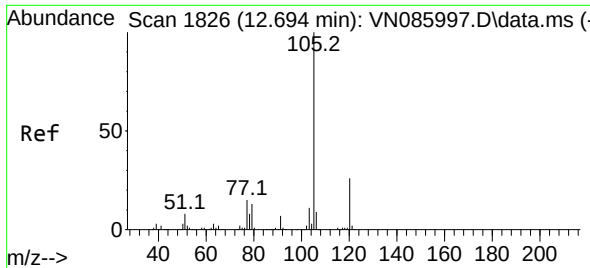
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

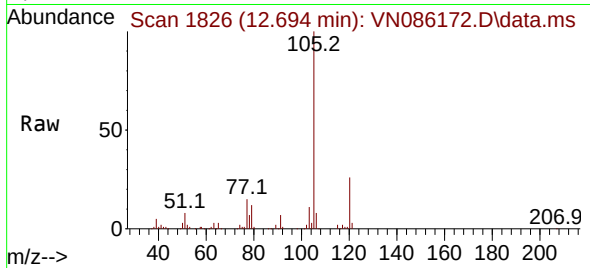
Tgt Ion:152 Resp: 171493
Ion Ratio Lower Upper
152 100
115 60.0 31.1 93.2
150 162.9 0.0 359.6





#73
Isopropylbenzene
Concen: 16.044 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

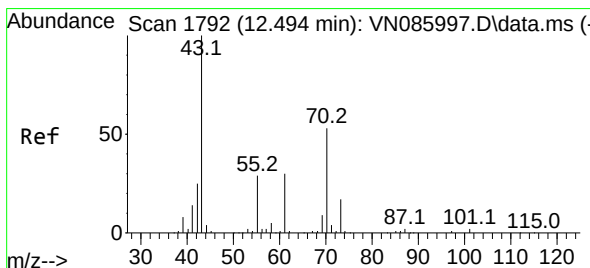
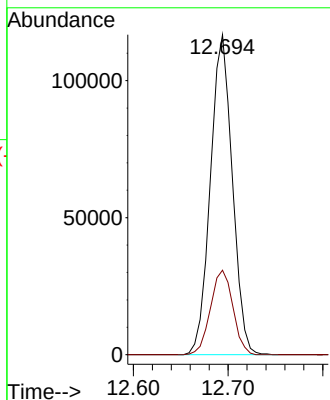
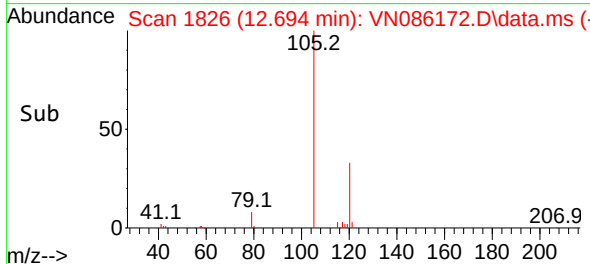
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



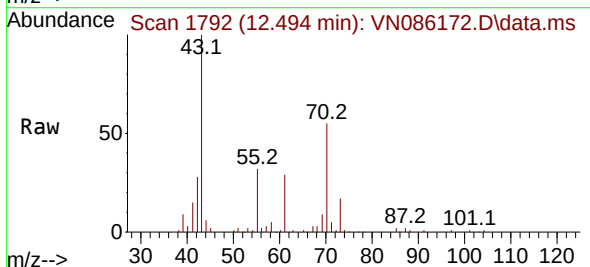
Tgt Ion:105 Resp: 187890
Ion Ratio Lower Upper
105 100
120 27.0 13.0 39.0

Manual Integrations
APPROVED

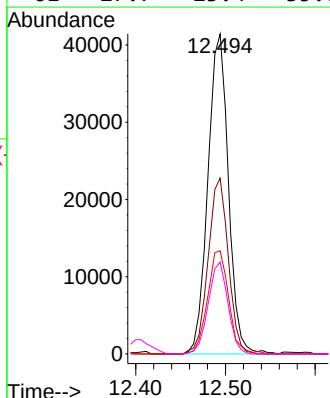
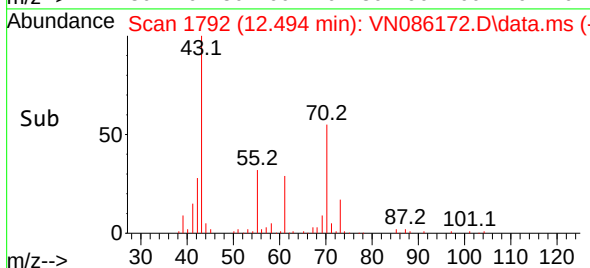
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

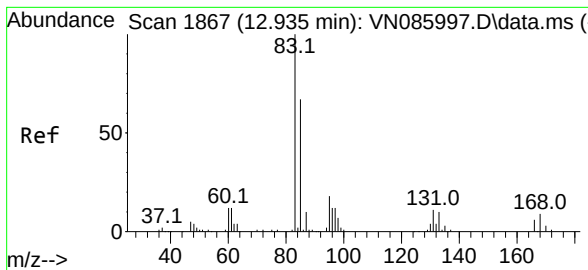


#74
N-ethyl acetate
Concen: 16.763 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



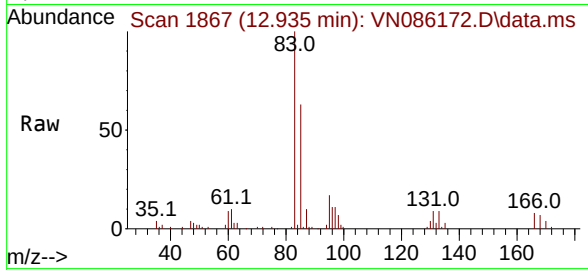
Tgt Ion: 43 Resp: 65679
Ion Ratio Lower Upper
43 100
70 54.1 43.0 64.4
55 33.3 23.8 35.8
61 27.7 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 16.224 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

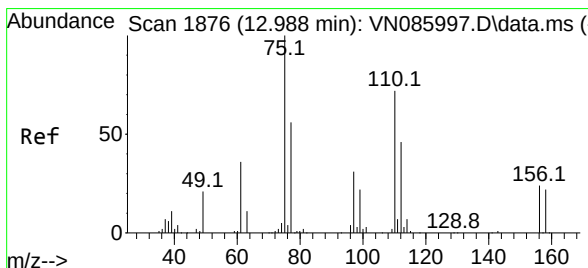
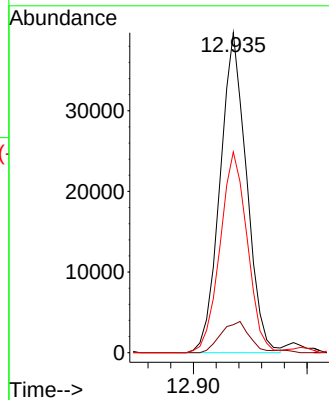
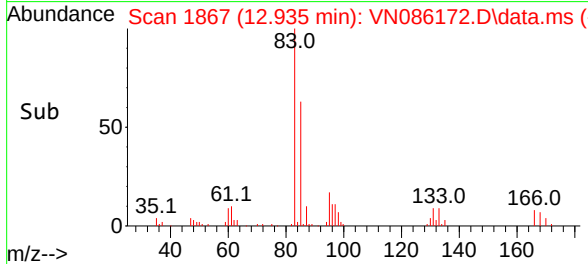
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 83 Resp: 64278
Ion Ratio Lower Upper
83 100
131 10.9 5.5 16.5
85 64.4 32.6 97.8

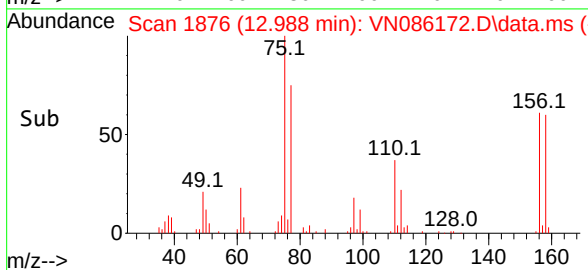
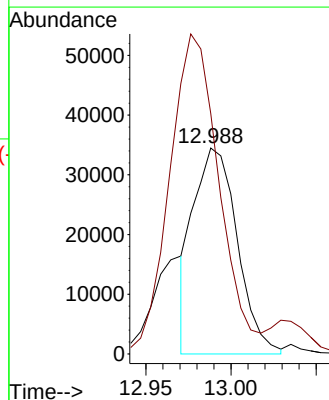
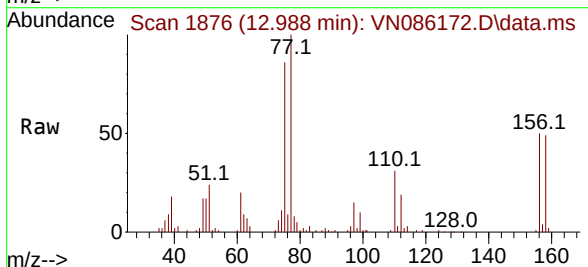
Manual Integrations
APPROVED

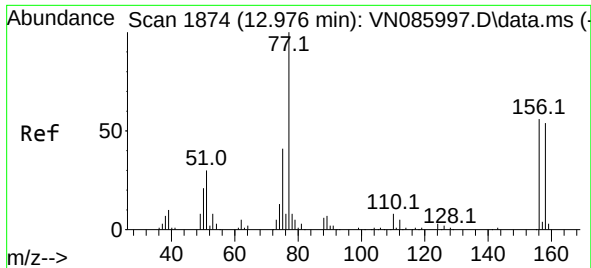
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#76
1,2,3-Trichloropropane
Concen: 16.078 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

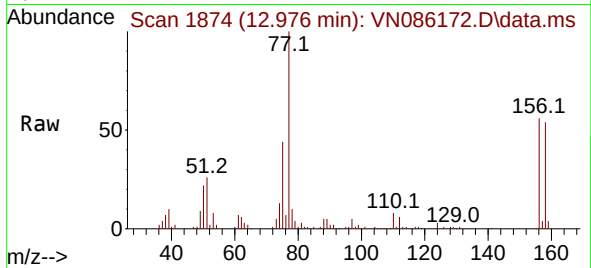
Tgt Ion: 75 Resp: 61731
Ion Ratio Lower Upper
75 100
77 176.0 83.7 251.0





#77
Bromobenzene
Concen: 16.137 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

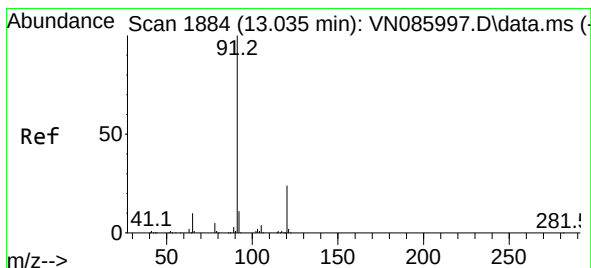
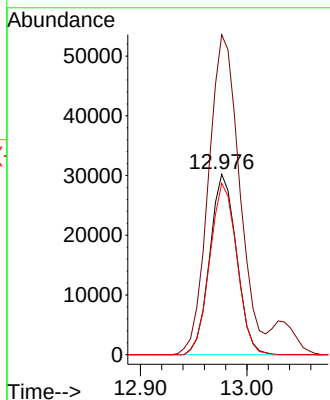
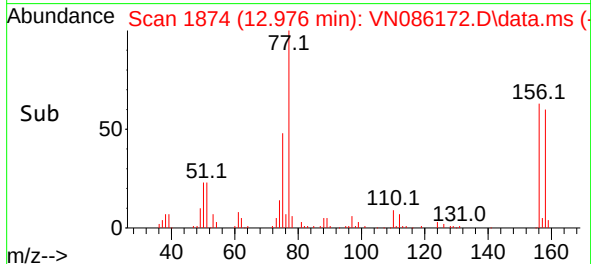
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



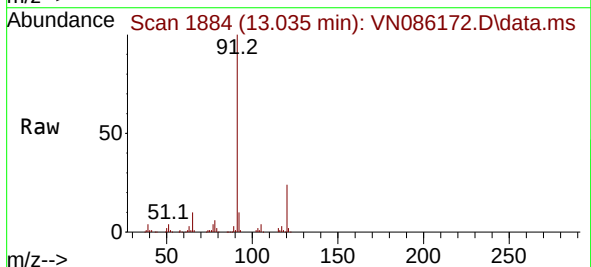
Tgt Ion:156 Resp: 52690
Ion Ratio Lower Upper
156 100
77 206.2 104.1 312.3
158 96.3 49.0 147.0

Manual Integrations
APPROVED

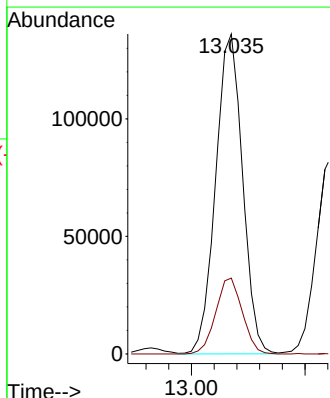
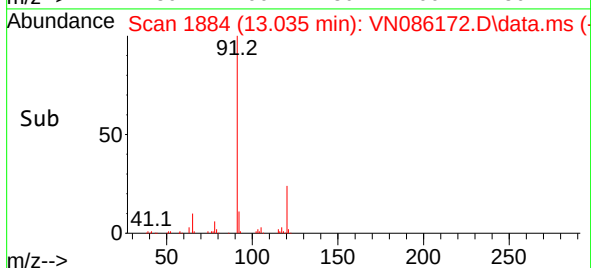
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

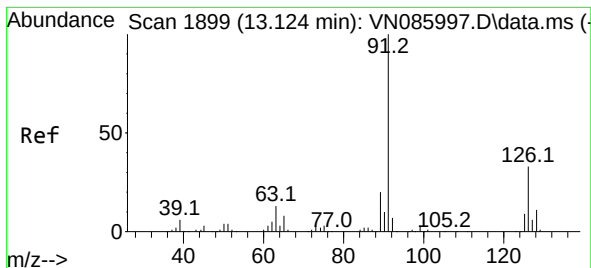


#78
n-propylbenzene
Concen: 16.887 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



Tgt Ion: 91 Resp: 223945
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.0





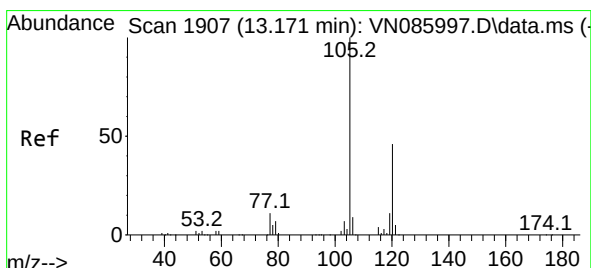
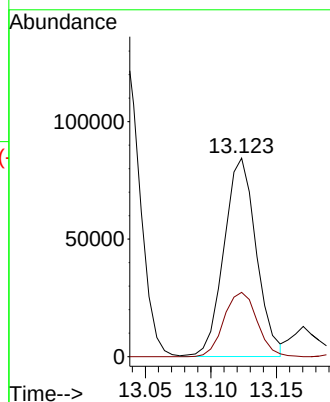
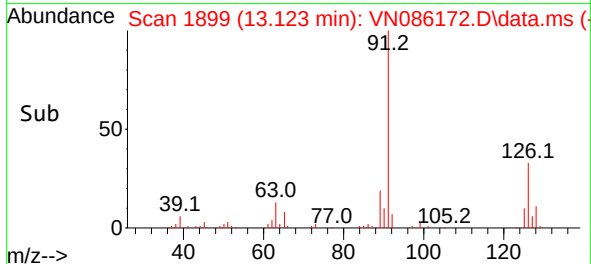
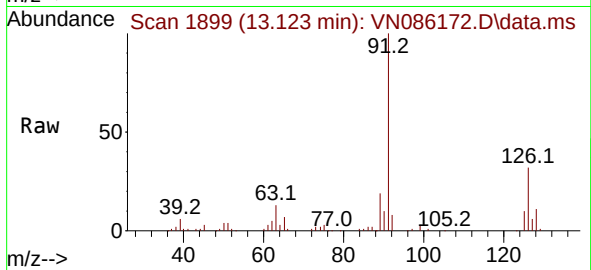
#79
2-Chlorotoluene
Concen: 16.406 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion: 91 Resp: 144500
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.2

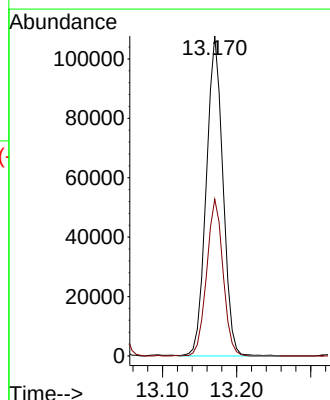
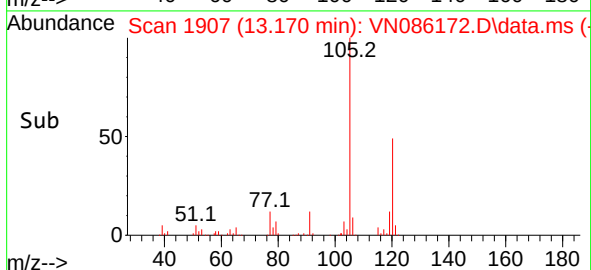
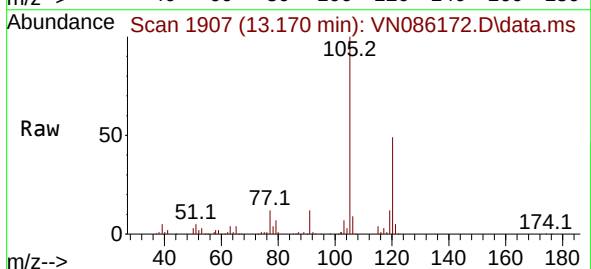
Manual Integrations
APPROVED

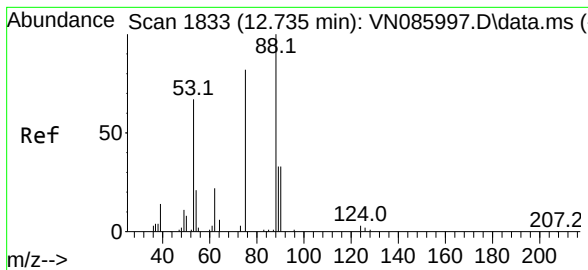
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 16.998 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

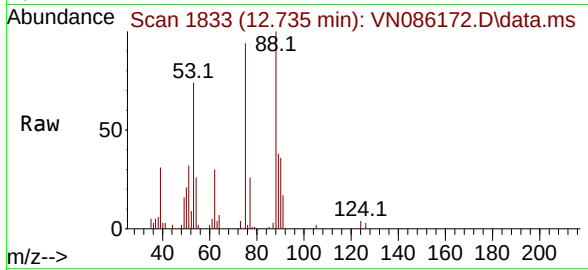
Tgt Ion:105 Resp: 168065
Ion Ratio Lower Upper
105 100
120 48.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.608 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

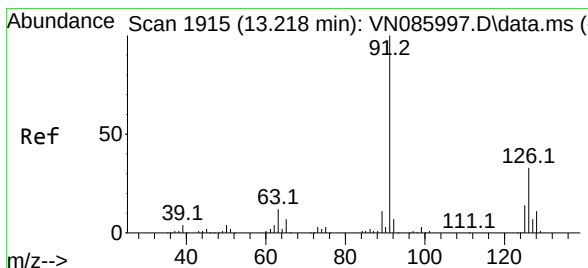
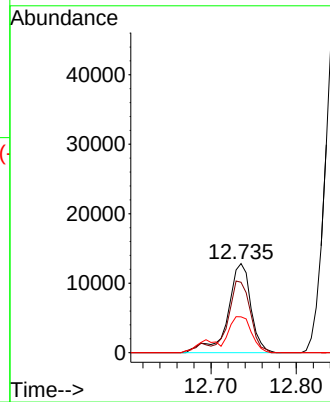
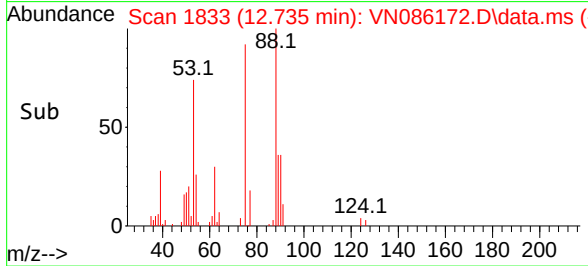
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



Tgt Ion: 75 Resp: 24118
Ion Ratio Lower Upper
75 100
53 75.5 66.0 99.0
89 39.1 36.9 55.3

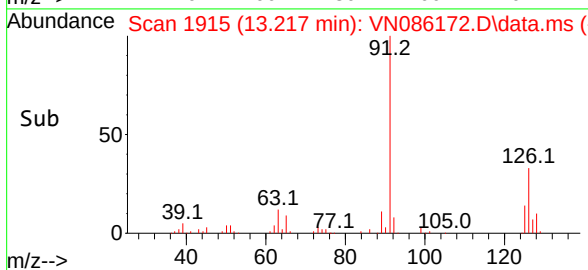
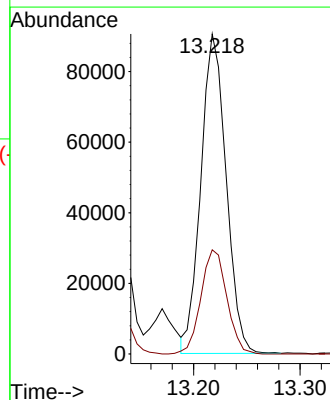
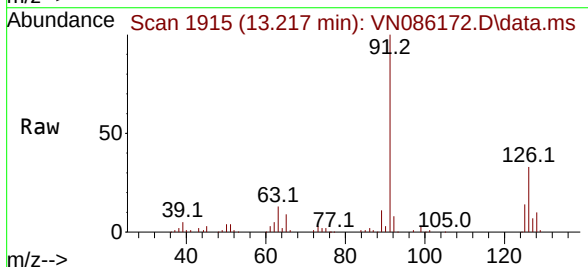
Manual Integrations
APPROVED

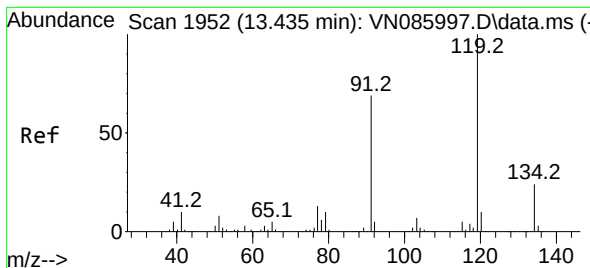
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#82
4-Chlorotoluene
Concen: 16.491 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

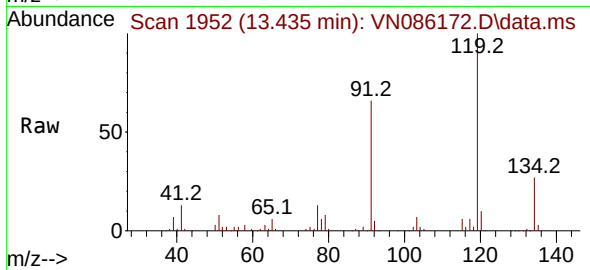
Tgt Ion: 91 Resp: 149375
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.2





#83
 tert-Butylbenzene
 Concen: 15.497 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086172.D
 Acq: 31 Mar 2025 16:04

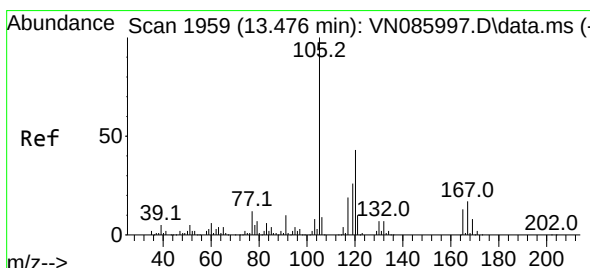
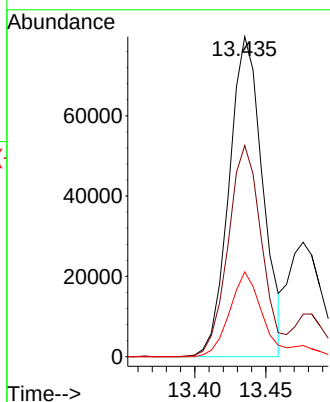
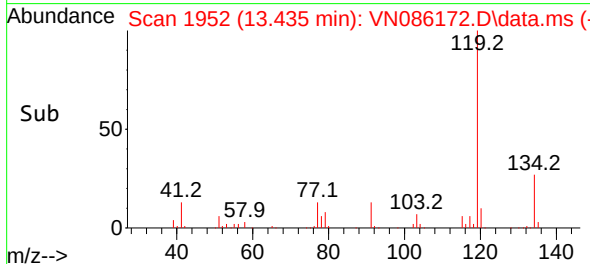
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01



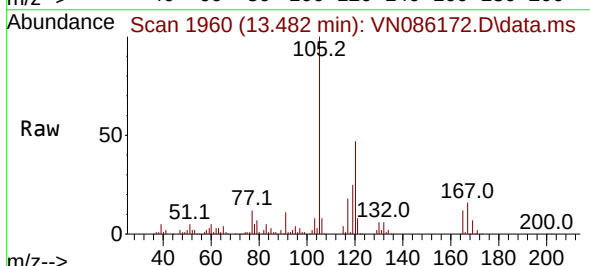
Tgt Ion:119 Resp: 131050
 Ion Ratio Lower Upper
 119 100
 91 66.6 34.3 102.9
 134 27.8 13.5 40.5

Manual Integrations
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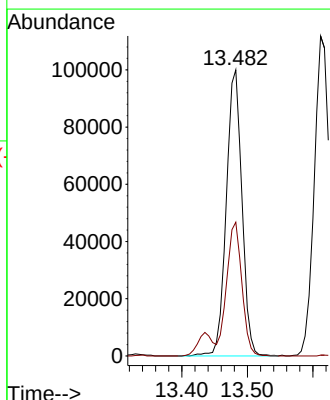
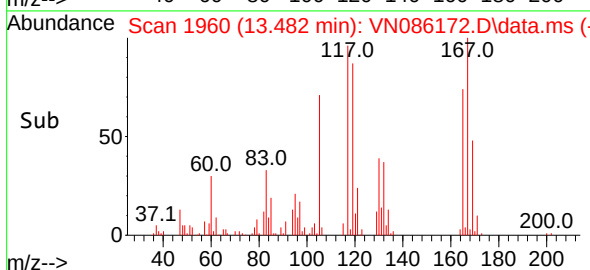
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025

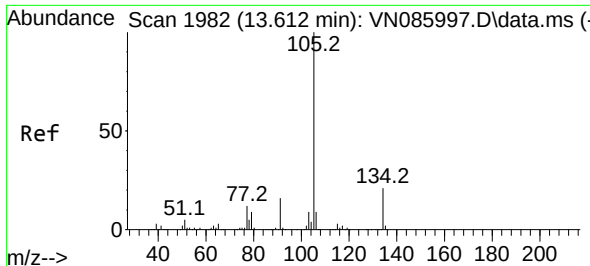


#84
 1,2,4-Trimethylbenzene
 Concen: 16.601 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN086172.D
 Acq: 31 Mar 2025 16:04



Tgt Ion:105 Resp: 165553
 Ion Ratio Lower Upper
 105 100
 120 45.3 21.9 65.8





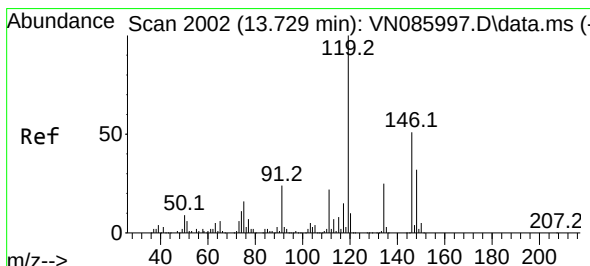
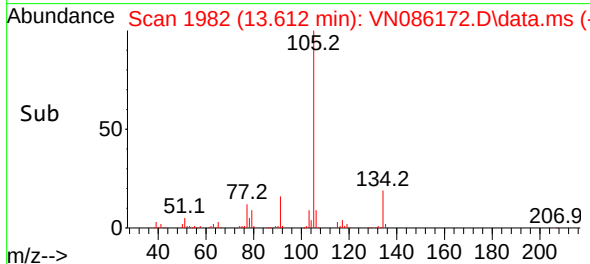
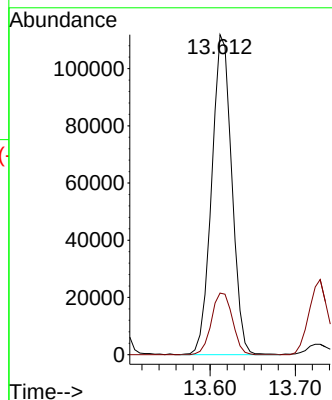
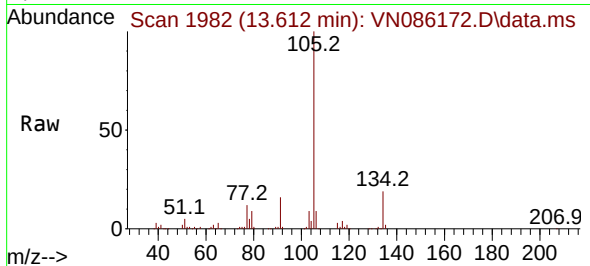
#85
 sec-Butylbenzene
 Concen: 16.637 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086172.D
 Acq: 31 Mar 2025 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

Tgt Ion:105 Resp: 183528
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

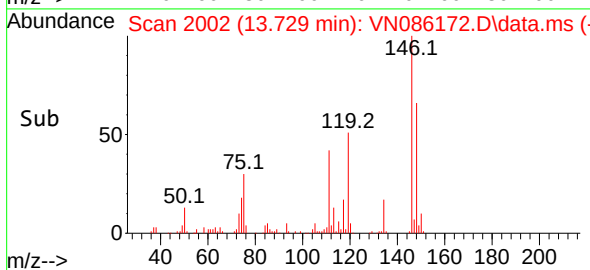
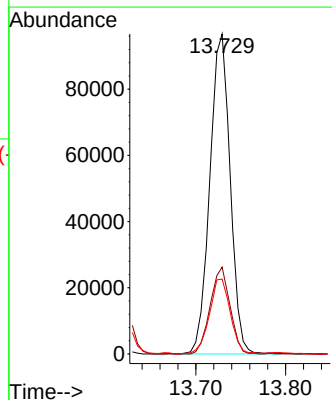
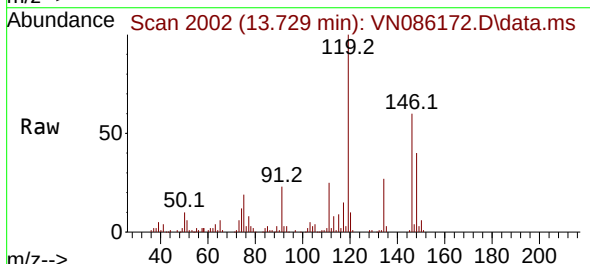
Manual Integrations
 APPROVED

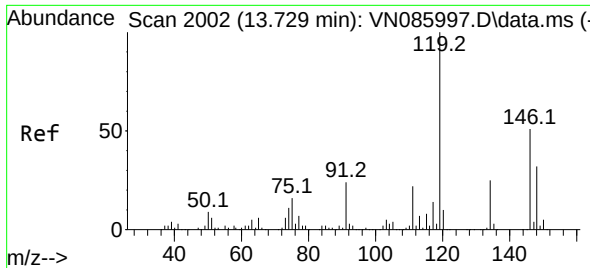
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#86
 p-Isopropyltoluene
 Concen: 16.274 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086172.D
 Acq: 31 Mar 2025 16:04

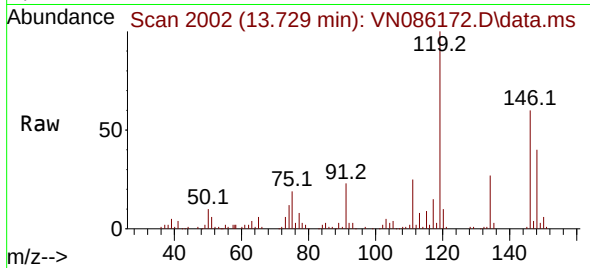
Tgt Ion:119 Resp: 151974
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.6 37.8
 91 24.2 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 16.767 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086172.D
 Acq: 31 Mar 2025 16:04

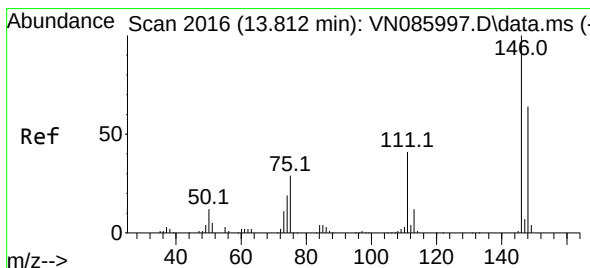
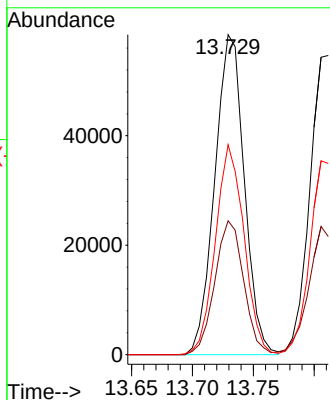
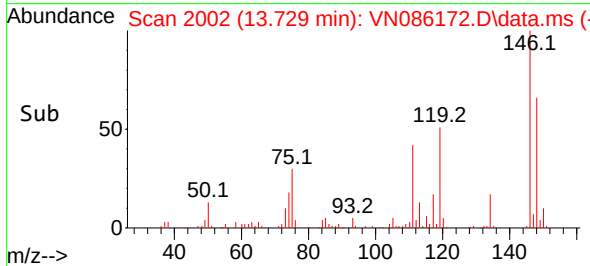
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01



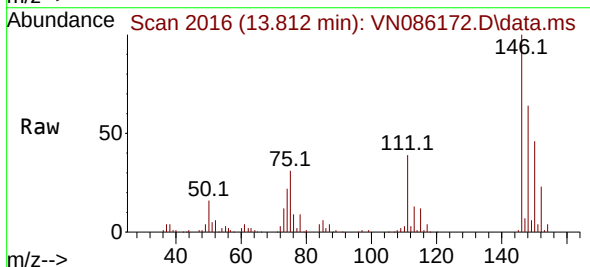
Tgt Ion:146 Resp: 98692
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.2 63.6
 148 63.5 31.8 95.4

Manual Integrations
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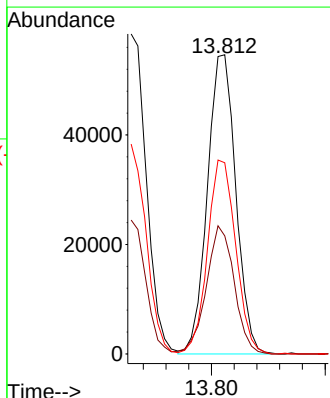
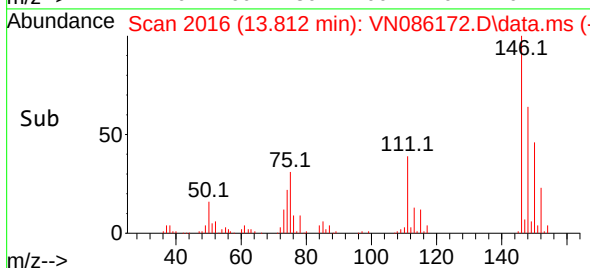
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025

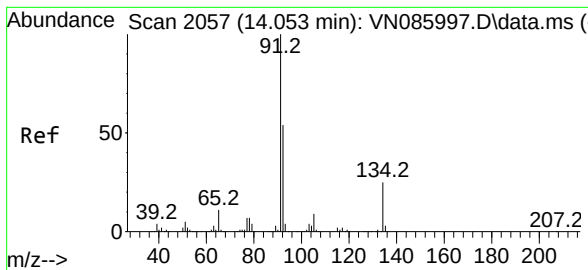


#88
 1,4-Dichlorobenzene
 Concen: 15.376 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086172.D
 Acq: 31 Mar 2025 16:04



Tgt Ion:146 Resp: 95087
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.4 61.3
 148 64.5 32.1 96.5





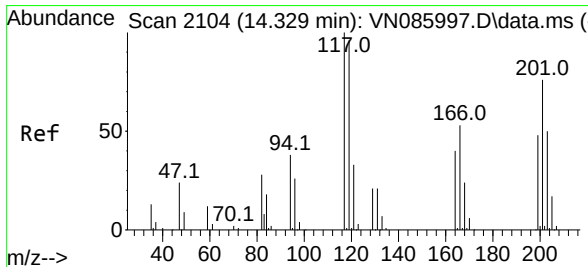
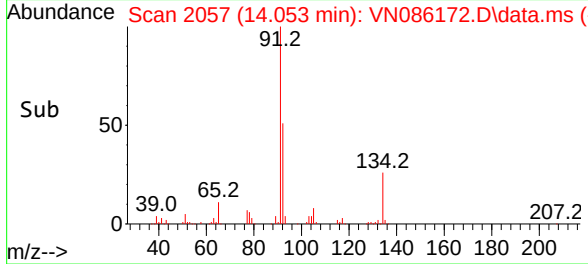
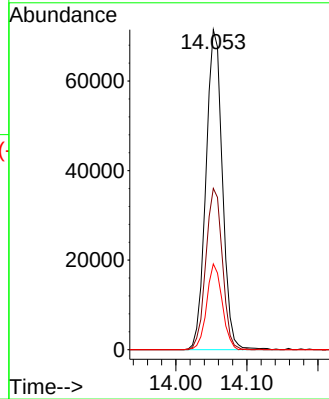
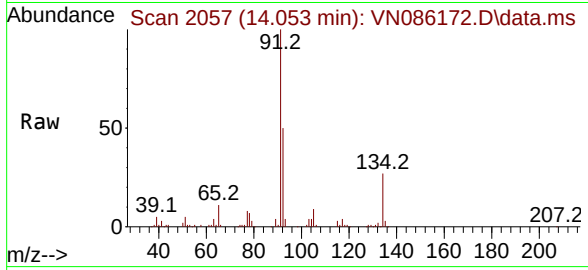
#89
n-Butylbenzene
Concen: 15.159 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion: 91 Resp: 115279
Ion Ratio Lower Upper
91 100
92 50.6 26.9 80.6
134 25.3 13.0 39.0

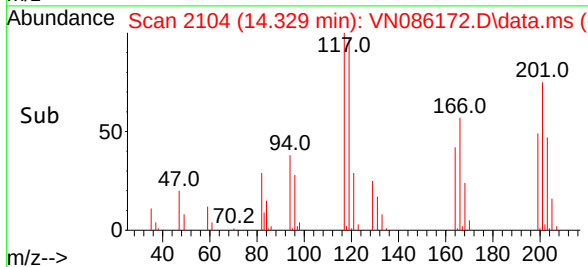
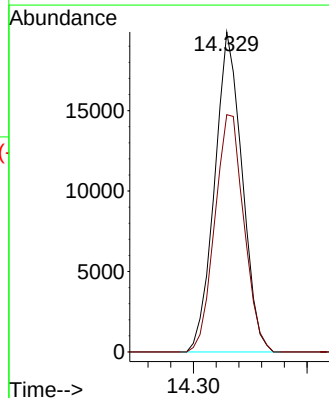
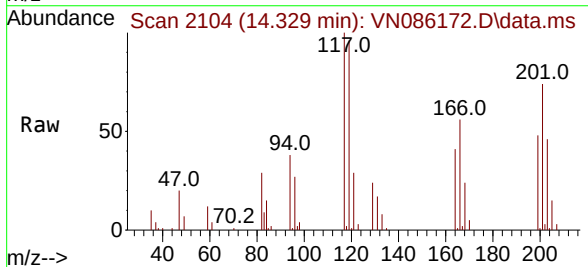
Manual Integrations
APPROVED

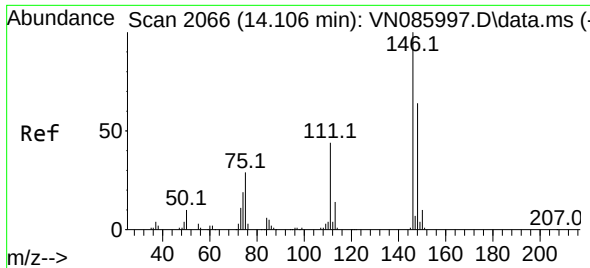
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#90
Hexachloroethane
Concen: 15.527 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Tgt Ion:117 Resp: 33456
Ion Ratio Lower Upper
117 100
201 78.5 39.1 117.3





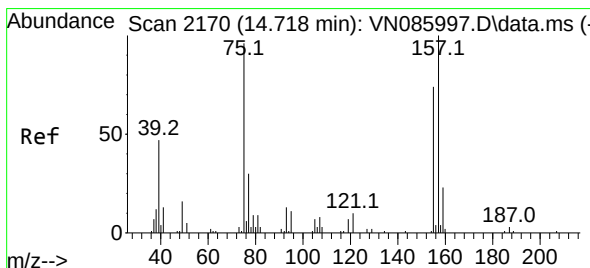
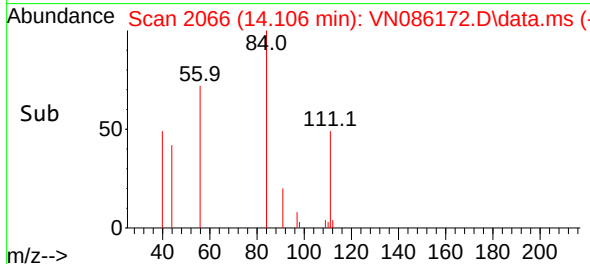
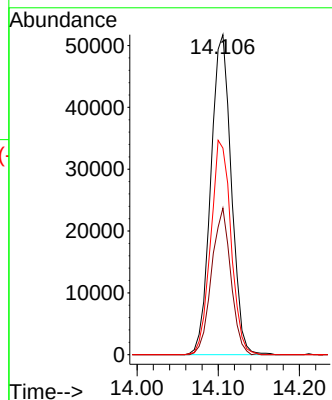
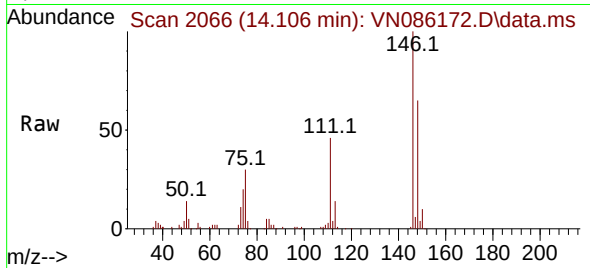
#91
1,2-Dichlorobenzene
Concen: 15.488 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion:146 Resp: 90624
Ion Ratio Lower Upper
146 100
111 43.0 22.3 66.8
148 66.3 32.1 96.5

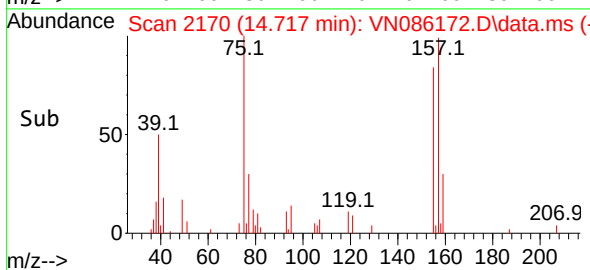
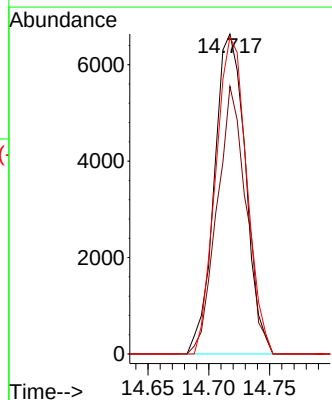
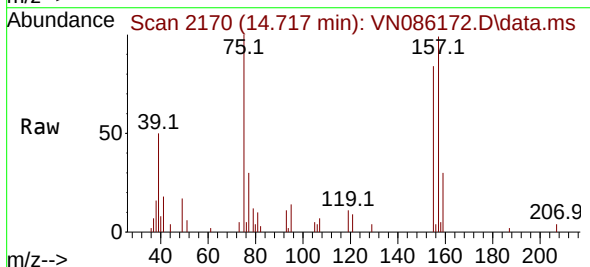
Manual Integrations
APPROVED

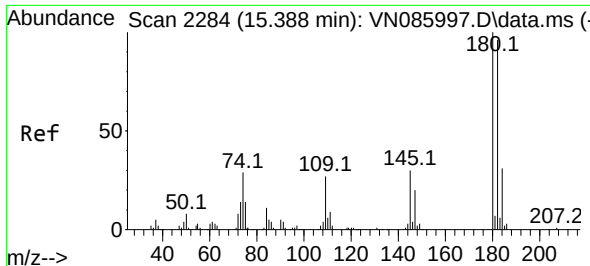
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.900 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Tgt Ion: 75 Resp: 11784
Ion Ratio Lower Upper
75 100
155 78.5 41.0 123.0
157 98.9 53.7 161.1





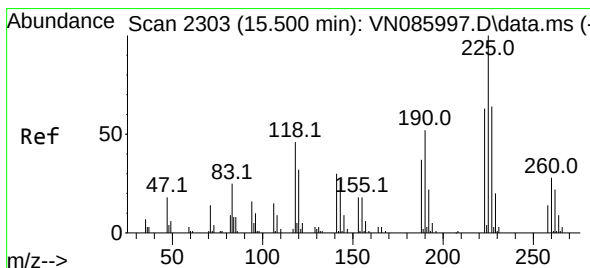
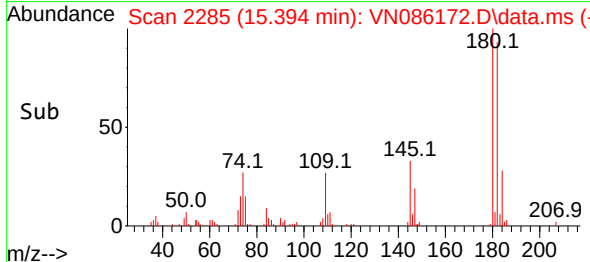
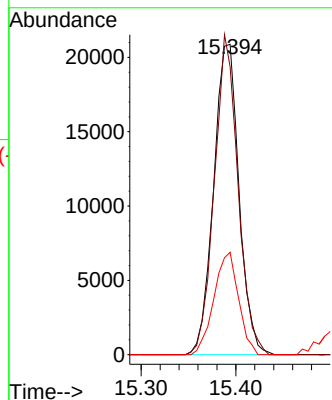
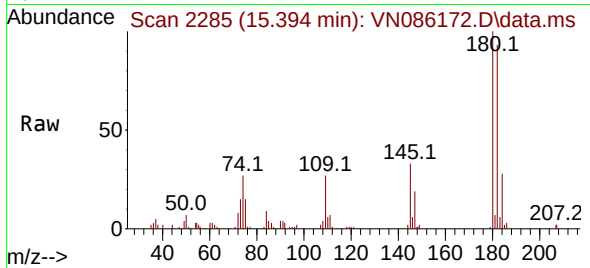
#93
1,2,4-Trichlorobenzene
Concen: 13.207 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion:180 Resp: 3885
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.0
145 32.0 15.5 46.5

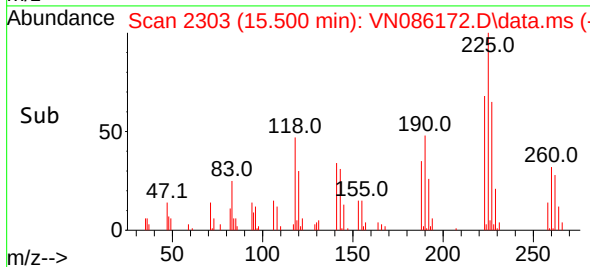
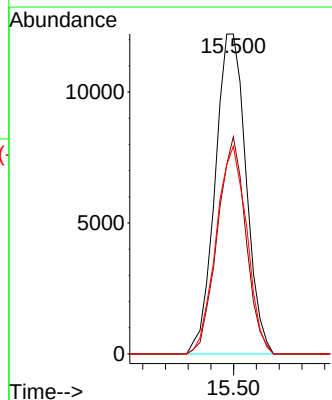
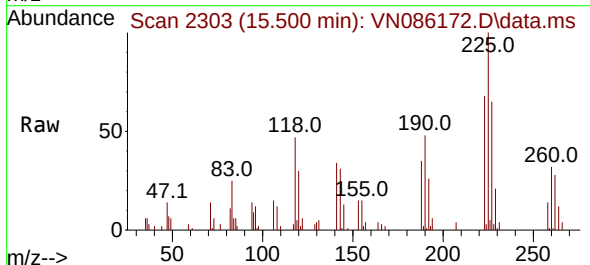
Manual Integrations
APPROVED

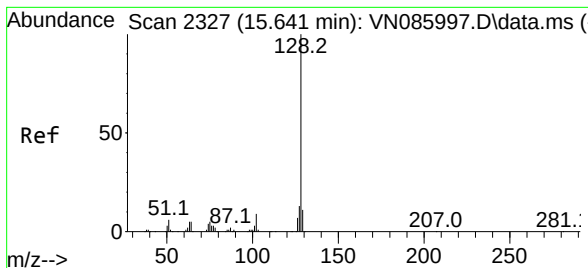
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#94
Hexachlorobutadiene
Concen: 13.507 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

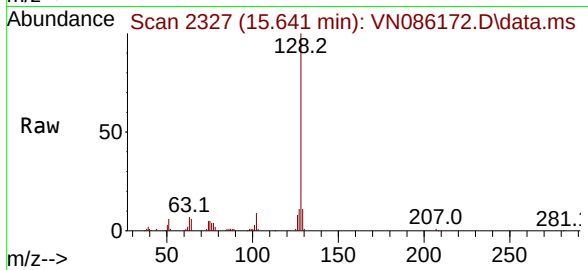
Tgt Ion:225 Resp: 23056
Ion Ratio Lower Upper
225 100
223 62.7 31.3 93.9
227 64.4 32.1 96.3





#95
Naphthalene
Concen: 12.164 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04

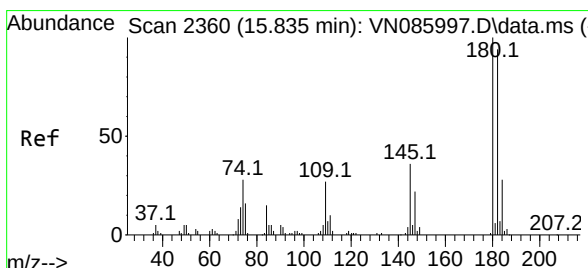
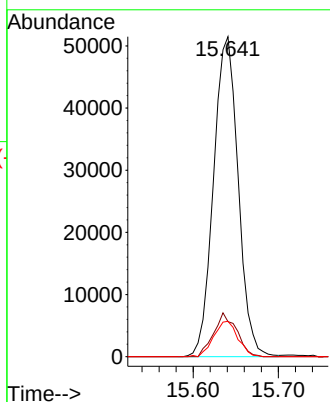
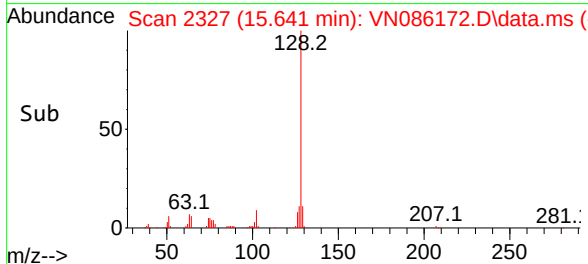
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01



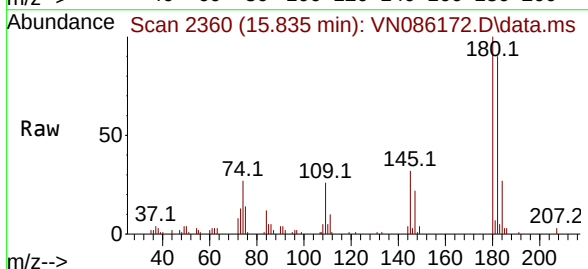
Tgt Ion:128 Resp: 103632
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#96
1,2,3-Trichlorobenzene
Concen: 14.357 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086172.D
Acq: 31 Mar 2025 16:04



Tgt Ion:180 Resp: 40081
Ion Ratio Lower Upper
180 100
182 92.9 47.5 142.5
145 32.5 17.7 53.1

