

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086173.D
 Acq On : 31 Mar 2025 16:38
 Operator : JC\MD
 Sample : VN0331MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331MBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 01 01:37:32 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	191174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130669	49.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.840%		
35) Dibromofluoromethane	8.165	113	110513	51.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.180%		
50) Toluene-d8	10.565	98	388474	49.481	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.960%		
62) 4-Bromofluorobenzene	12.847	95	133564	47.703	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47960	18.936	ug/l	98
3) Chloromethane	2.359	50	37974	17.102	ug/l	98
4) Vinyl Chloride	2.512	62	38861	17.117	ug/l	99
5) Bromomethane	2.954	94	24283	15.703	ug/l	99
6) Chloroethane	3.124	64	23599	16.477	ug/l	90
7) Trichlorofluoromethane	3.501	101	71980	17.637	ug/l	96
8) Diethyl Ether	3.965	74	23518	18.824	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	40898	18.855	ug/l	97
10) Methyl Iodide	4.583	142	53264	18.846	ug/l	99
11) Tert butyl alcohol	5.518	59	29000	78.244	ug/l	99
12) 1,1-Dichloroethene	4.342	96	36622	18.698	ug/l	93
13) Acrolein	4.183	56	34782	87.986	ug/l	96
14) Allyl chloride	5.024	41	44649	18.273	ug/l	96
15) Acrylonitrile	5.724	53	95854	97.925	ug/l	100
16) Acetone	4.424	43	68551	85.713	ug/l	99
17) Carbon Disulfide	4.712	76	114746	17.815	ug/l	100
18) Methyl Acetate	5.024	43	38566	19.490	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	116135	18.095	ug/l	98
20) Methylene Chloride	5.271	84	45615	19.496	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	40342	18.848	ug/l	97
22) Diisopropyl ether	6.671	45	111232	21.362	ug/l	98
23) Vinyl Acetate	6.600	43	384571	97.430	ug/l	98
24) 1,1-Dichloroethane	6.571	63	73016	19.070	ug/l	98
25) 2-Butanone	7.483	43	104561	90.606	ug/l	95
26) 2,2-Dichloropropane	7.489	77	62843	17.048	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	45601	18.748	ug/l	98
28) Bromochloromethane	7.812	49	36257	22.350	ug/l	98
29) Tetrahydrofuran	7.841	42	69769	97.928	ug/l	98
30) Chloroform	7.965	83	79600	18.808	ug/l	96
31) Cyclohexane	8.259	56	59675	18.295	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	71698	17.897	ug/l	96
36) 1,1-Dichloropropene	8.371	75	51894	18.219	ug/l	98
37) Ethyl Acetate	7.559	43	48044	19.993	ug/l	97
38) Carbon Tetrachloride	8.359	117	66116	17.654	ug/l	92
39) Methylcyclohexane	9.600	83	47088	16.662	ug/l	94
40) Benzene	8.606	78	171456	19.175	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	23304	20.309	ug/l	94
42) 1,2-Dichloroethane	8.671	62	57033	18.305	ug/l	98
43) Isopropyl Acetate	8.688	43	78805	15.134	ug/l	97
44) Trichloroethene	9.347	130	41402	17.865	ug/l	91
45) 1,2-Dichloropropane	9.618	63	41207	20.261	ug/l	93
46) Dibromomethane	9.706	93	31374	19.616	ug/l	96
47) Bromodichloromethane	9.888	83	63409	18.969	ug/l	94
48) Methyl methacrylate	9.677	41	32312	18.804	ug/l	96
49) 1,4-Dioxane	9.694	88	15306	376.802	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	225816	98.330	ug/l	96
52) Toluene	10.624	92	106824	19.465	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	59309	18.270	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	63845	18.640	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	41871	19.989	ug/l	96
56) Ethyl methacrylate	10.871	69	52527	18.487	ug/l	97
57) 1,3-Dichloropropane	11.165	76	68681	19.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	132454	119.843	ug/l	98
59) 2-Hexanone	11.194	43	160940	96.199	ug/l	94
60) Dibromochloromethane	11.359	129	50281	18.602	ug/l	97
61) 1,2-Dibromoethane	11.465	107	42035	19.547	ug/l	100
64) Tetrachloroethene	11.100	164	41885	18.747	ug/l	97
65) Chlorobenzene	11.888	112	116127	18.119	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	42800	17.965	ug/l	95
67) Ethyl Benzene	11.959	91	177146	17.279	ug/l	99
68) m/p-Xylenes	12.071	106	147225	36.537	ug/l	95
69) o-Xylene	12.394	106	66882	18.085	ug/l	95
70) Styrene	12.412	104	112466	17.804	ug/l	99
71) Bromoform	12.576	173	34892	17.519	ug/l #	100
73) Isopropylbenzene	12.694	105	159207	16.616	ug/l	99
74) N-amyl acetate	12.494	43	58149	18.139	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	57701	17.800	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	54892m	17.474	ug/l	
77) Bromobenzene	12.976	156	46829	17.528	ug/l	100
78) n-propylbenzene	13.035	91	193345	17.820	ug/l	99
79) 2-Chlorotoluene	13.123	91	124812	17.319	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	141603	17.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18939	15.940	ug/l	92
82) 4-Chlorotoluene	13.218	91	130069	17.551	ug/l	96
83) tert-Butylbenzene	13.435	119	110294	15.941	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	143198	17.550	ug/l	98
85) sec-Butylbenzene	13.612	105	156266	17.313	ug/l	99
86) p-Isopropyltoluene	13.729	119	129254	16.917	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	87297	18.127	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	84864	16.772	ug/l	98
89) n-Butylbenzene	14.053	91	99841	16.047	ug/l	98
90) Hexachloroethane	14.335	117	30017	17.027	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	81985	17.125	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10840	16.752	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	35513	14.753	ug/l	98
94) Hexachlorobutadiene	15.500	225	20945	14.998	ug/l	100
95) Naphthalene	15.641	128	95641	13.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	35543	15.561	ug/l	99

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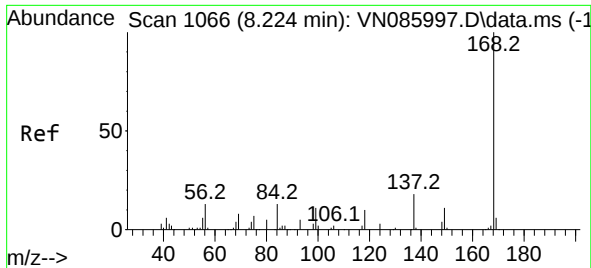
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/01/2025

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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

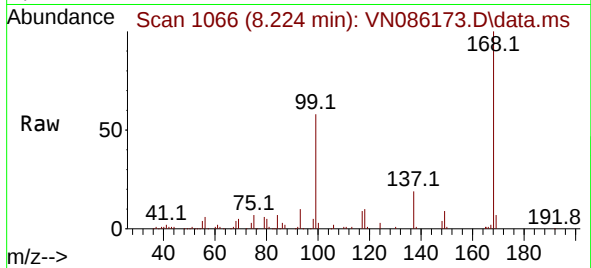
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086173.D
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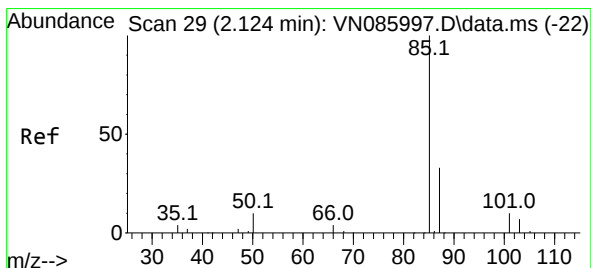
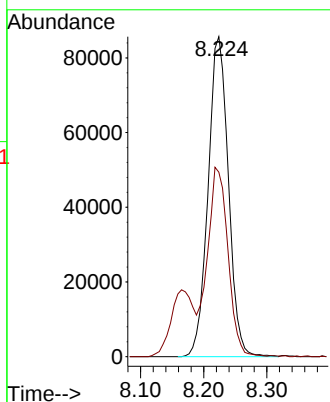
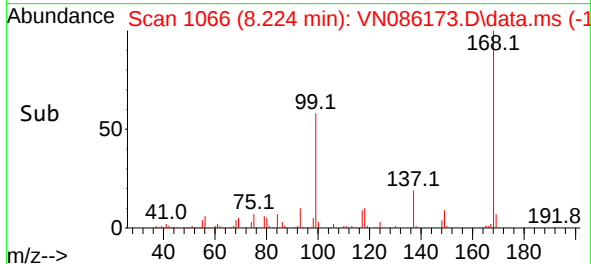
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



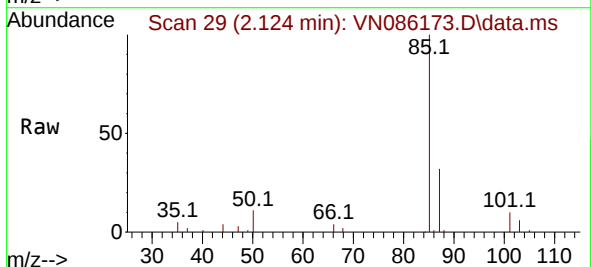
Tgt Ion:168 Resp: 191174
Ion Ratio Lower Upper
168 100
99 57.4 49.4 74.2

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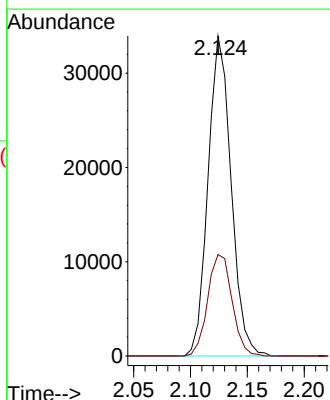
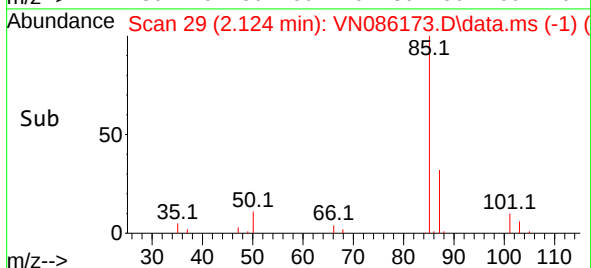
Reviewed By :John Carlone 04/01/2025
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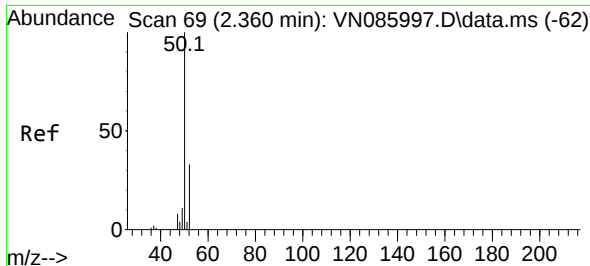


#2
Dichlorodifluoromethane
Concen: 18.936 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



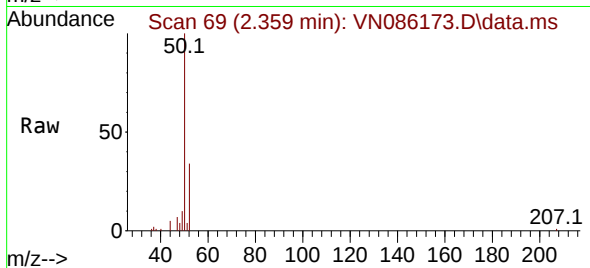
Tgt Ion: 85 Resp: 47960
Ion Ratio Lower Upper
85 100
87 31.7 16.5 49.5





#3
Chloromethane
Concen: 17.102 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

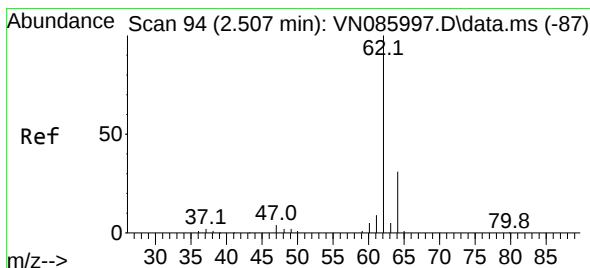
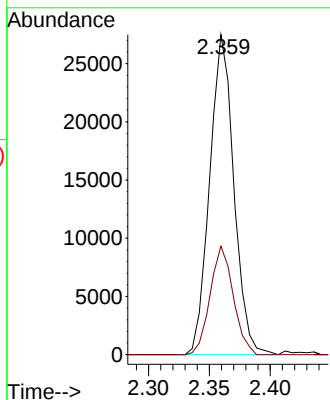
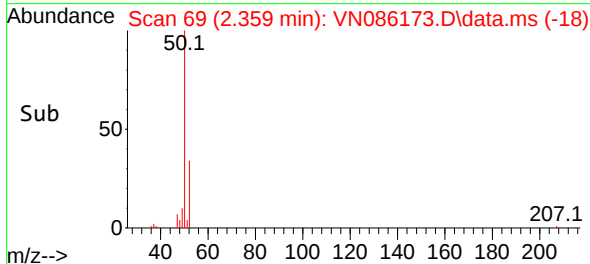
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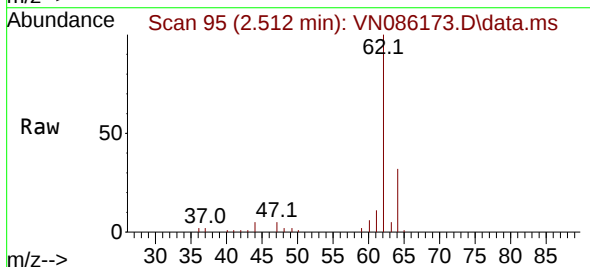
Tgt Ion: 50 Resp: 37974
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0

Manual Integrations
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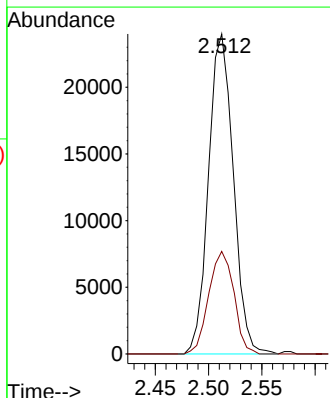
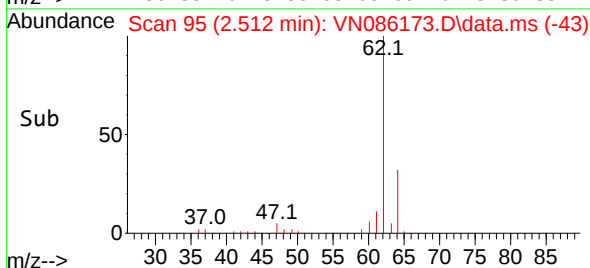
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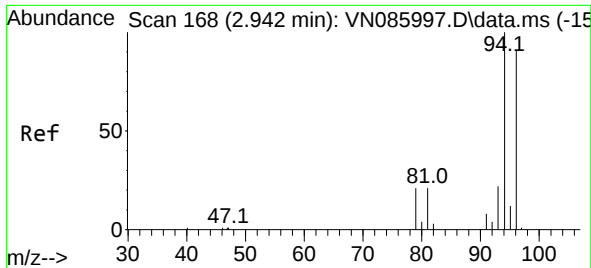


#4
Vinyl Chloride
Concen: 17.117 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



Tgt Ion: 62 Resp: 38861
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





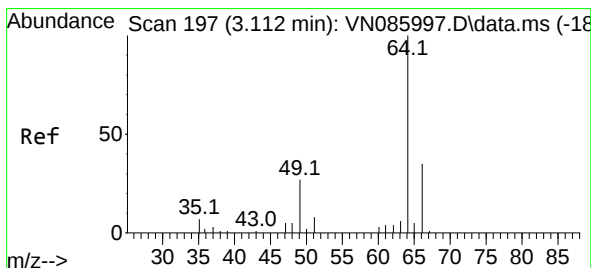
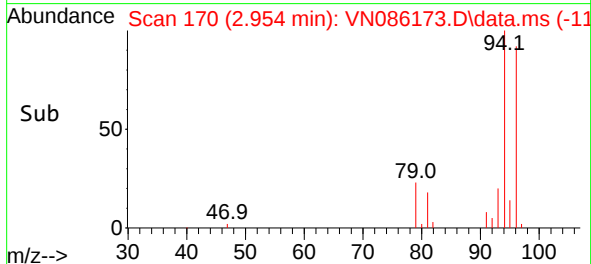
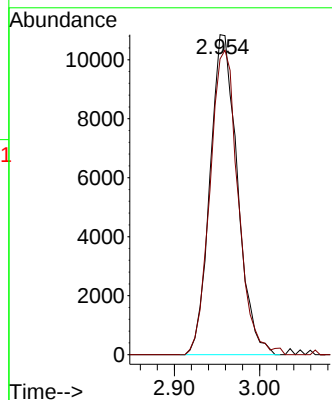
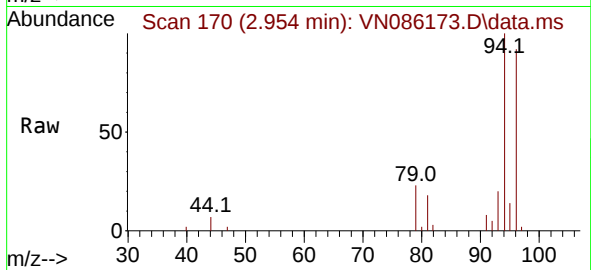
#5
Bromomethane
Concen: 15.703 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086173.D
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Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 2428
Ion Ratio Lower Upper
94 100
96 92.4 72.8 109.2

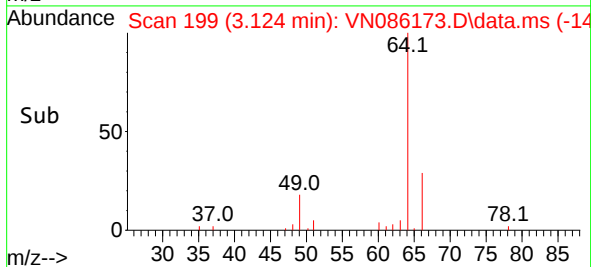
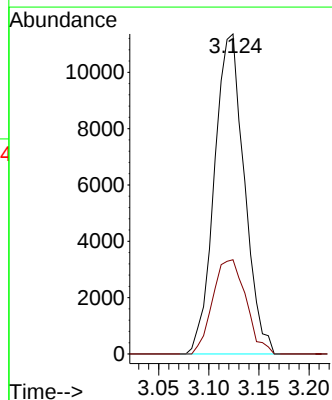
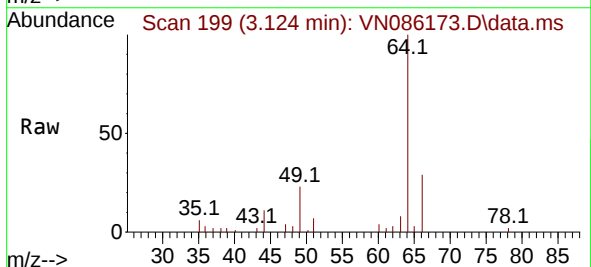
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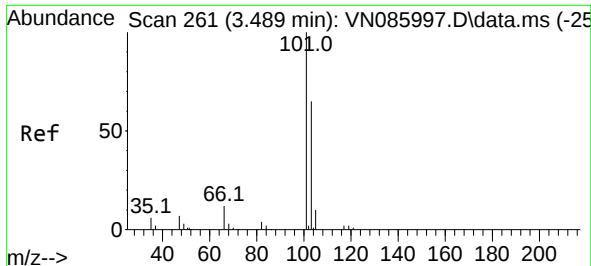
Reviewed By :John Carlone 04/01/2025
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#6
Chloroethane
Concen: 16.477 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 64 Resp: 23599
Ion Ratio Lower Upper
64 100
66 29.5 28.3 42.5





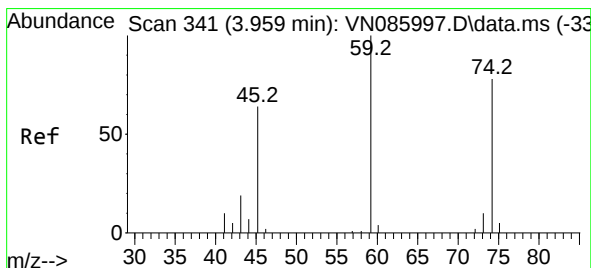
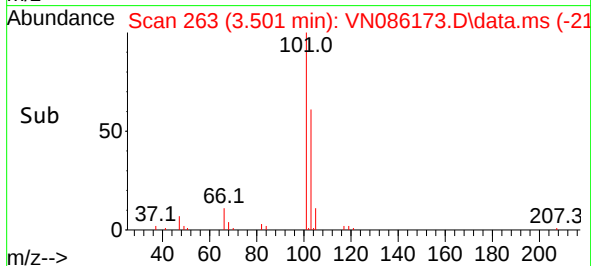
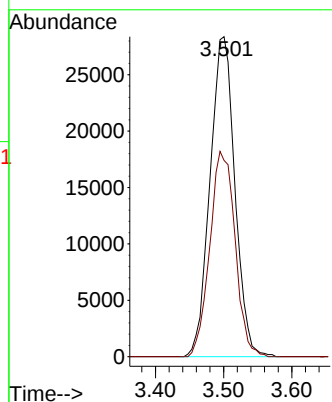
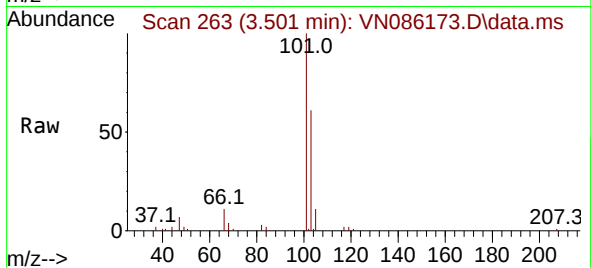
#7
Trichlorofluoromethane
Concen: 17.637 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion:101 Resp: 71980
Ion Ratio Lower Upper
101 100
103 61.4 51.7 77.5

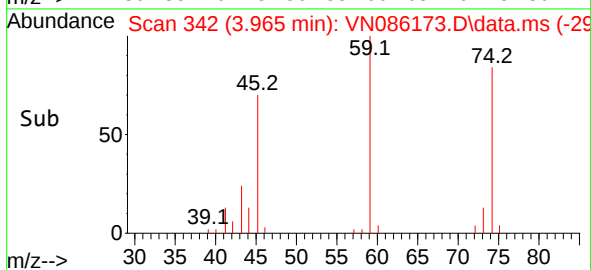
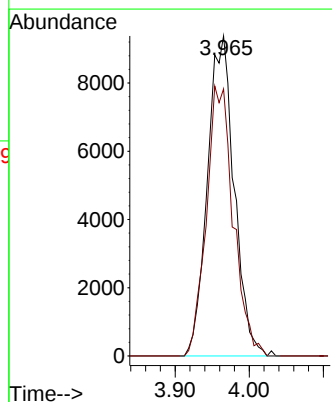
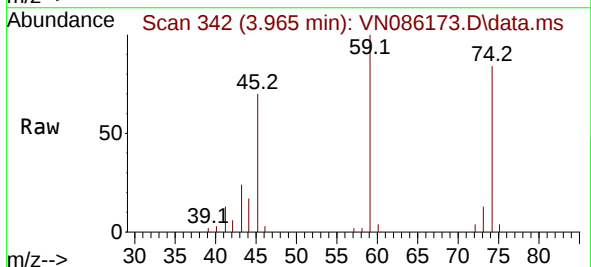
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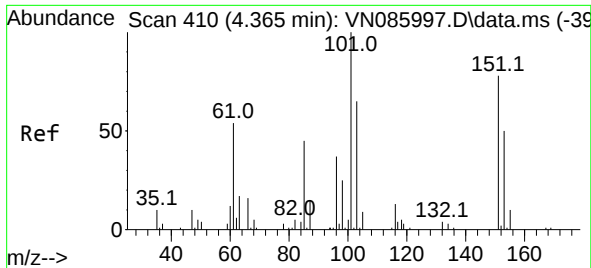
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#8
Diethyl Ether
Concen: 18.824 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 74 Resp: 23518
Ion Ratio Lower Upper
74 100
45 84.9 38.0 113.9





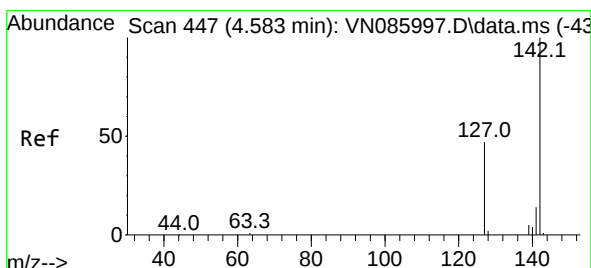
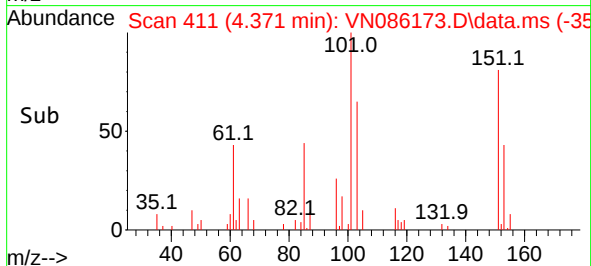
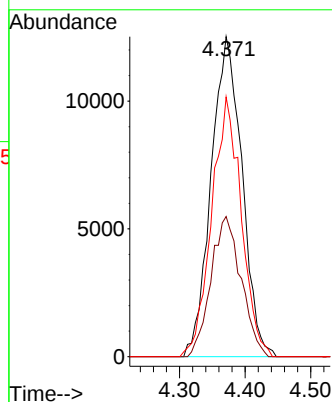
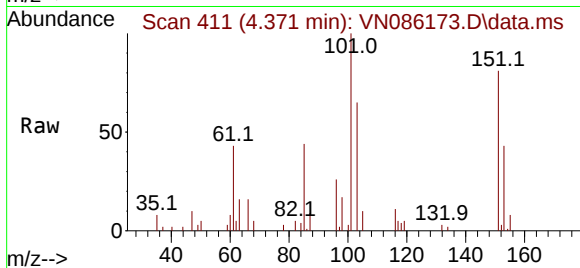
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.855 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion:101 Resp: 40898
Ion Ratio Lower Upper
101 100
85 42.8 36.5 54.7
151 77.8 63.4 95.0

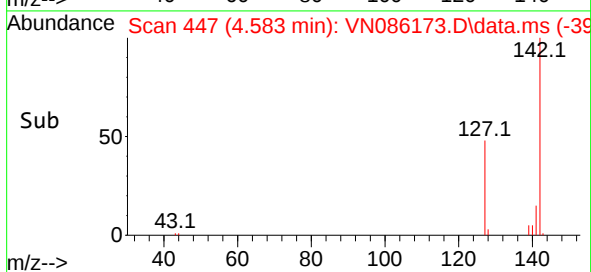
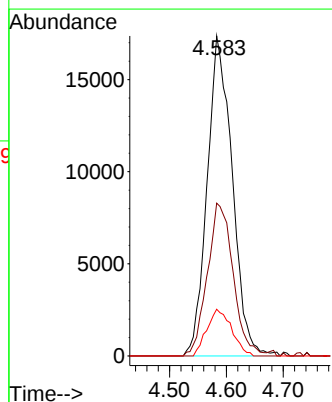
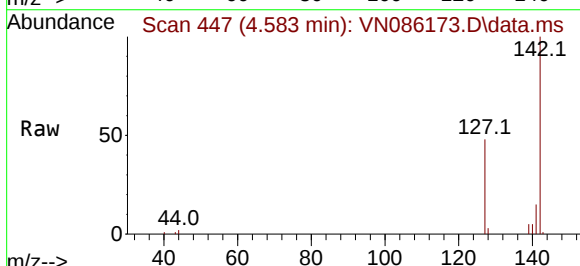
Manual Integrations
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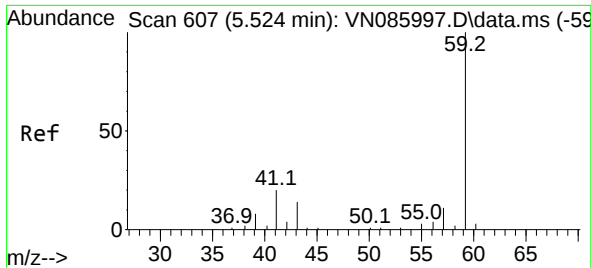
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#10
Methyl Iodide
Concen: 18.846 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion:142 Resp: 53264
Ion Ratio Lower Upper
142 100
127 47.8 37.5 56.3
141 14.6 11.0 16.6





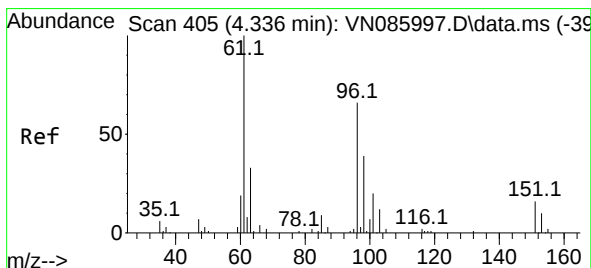
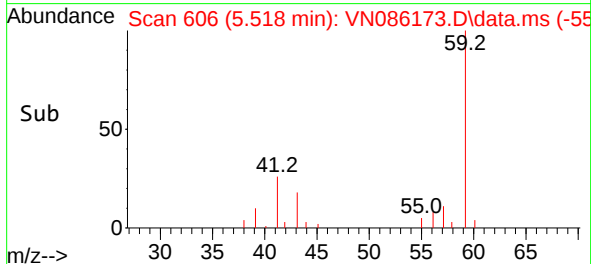
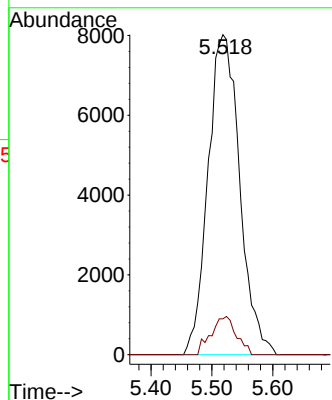
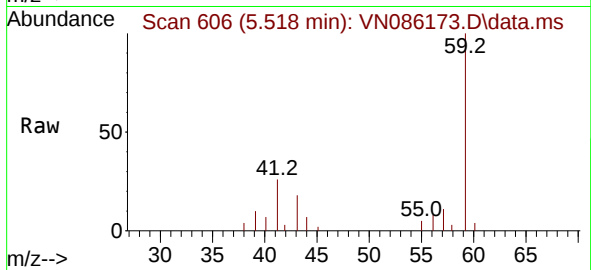
#11
Tert butyl alcohol
Concen: 78.244 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion: 59 Resp: 29000
Ion Ratio Lower Upper
59 100
57 9.5 7.9 11.9

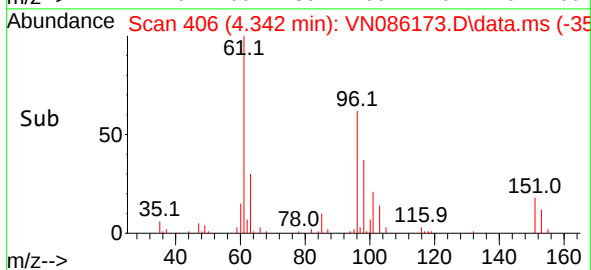
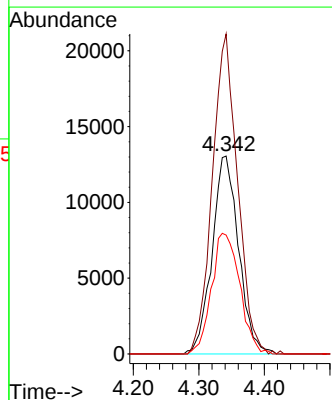
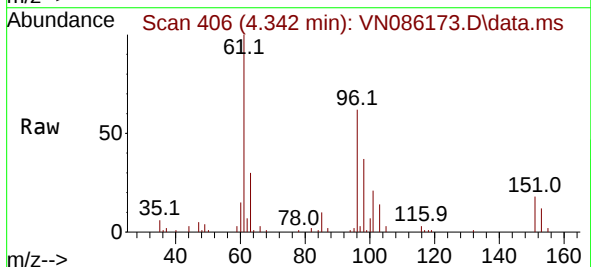
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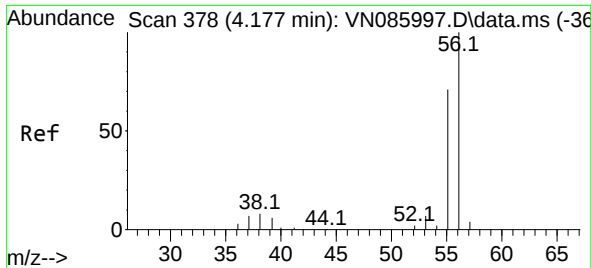
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#12
1,1-Dichloroethene
Concen: 18.698 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 96 Resp: 36622
Ion Ratio Lower Upper
96 100
61 161.7 120.5 180.7
98 60.1 47.4 71.0





#13

Acrolein

Concen: 87.986 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN0331MBS01

Tgt Ion: 56 Resp: 3478

Ion Ratio Lower Upper

56 100

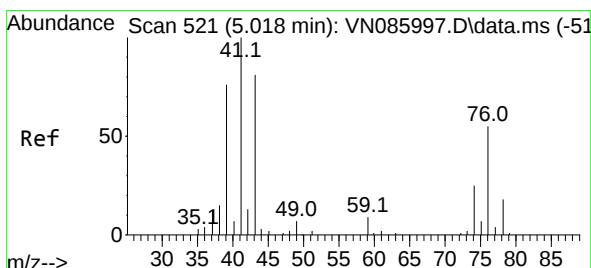
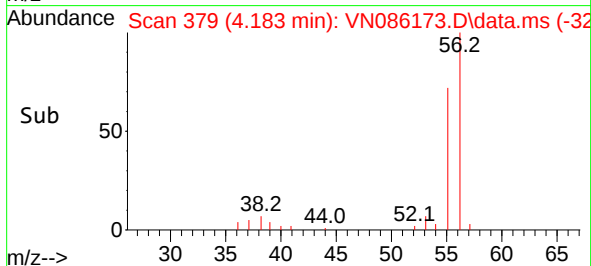
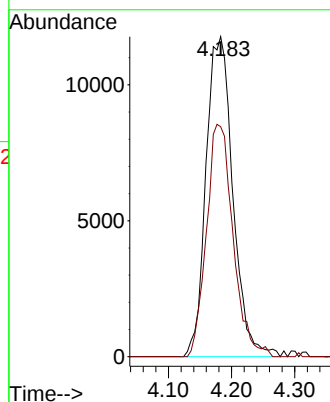
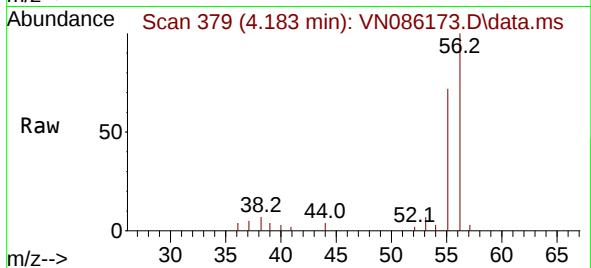
55 72.0 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#14

Allyl chloride

Concen: 18.273 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

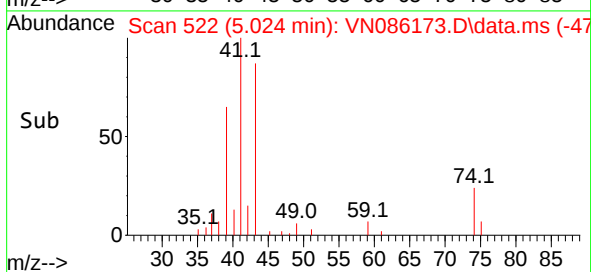
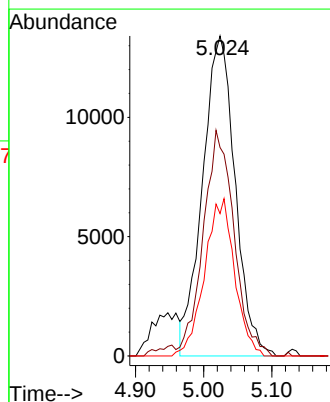
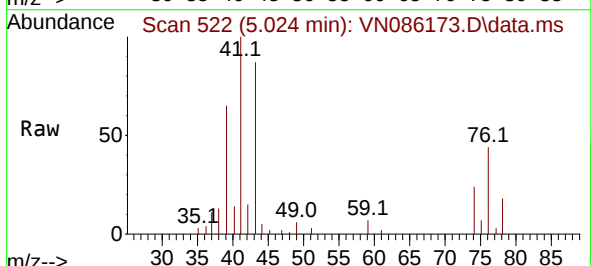
Tgt Ion: 41 Resp: 44649

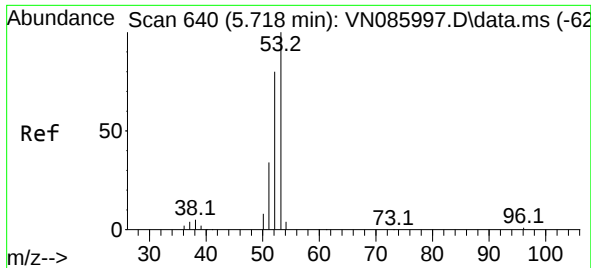
Ion Ratio Lower Upper

41 100

39 66.5 55.5 83.3

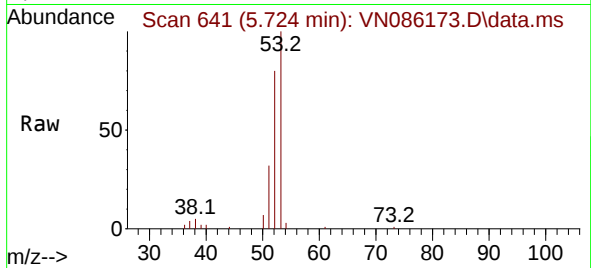
76 45.2 39.1 58.7





#15
Acrylonitrile
Concen: 97.925 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

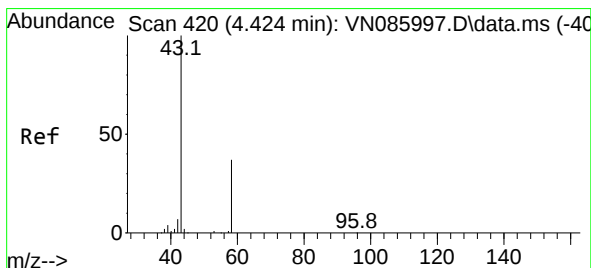
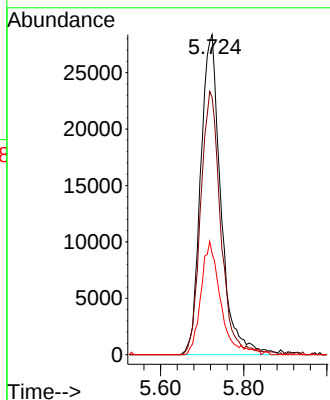
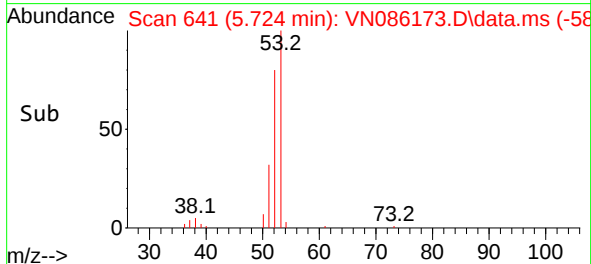
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



Tgt Ion: 53 Resp: 95854
Ion Ratio Lower Upper
53 100
52 79.9 63.9 95.9
51 34.3 27.1 40.7

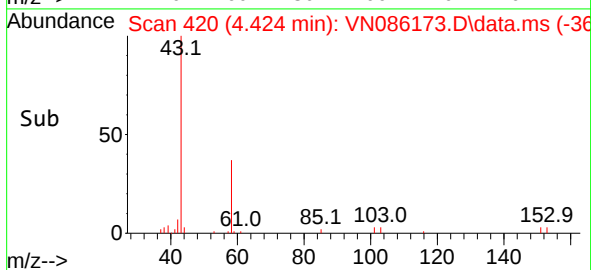
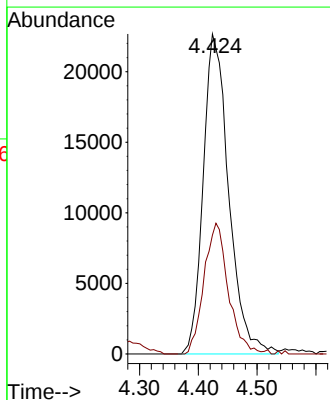
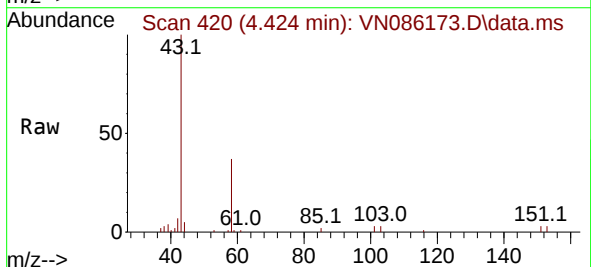
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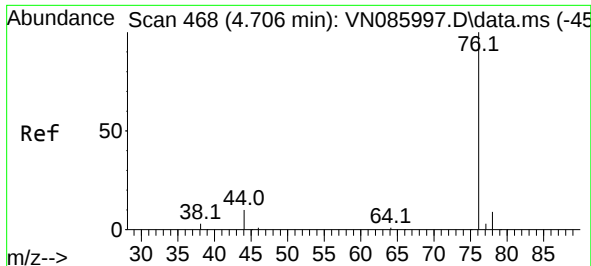
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#16
Acetone
Concen: 85.713 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 43 Resp: 68551
Ion Ratio Lower Upper
43 100
58 37.1 29.4 44.2





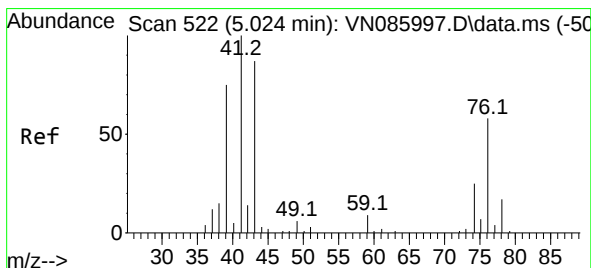
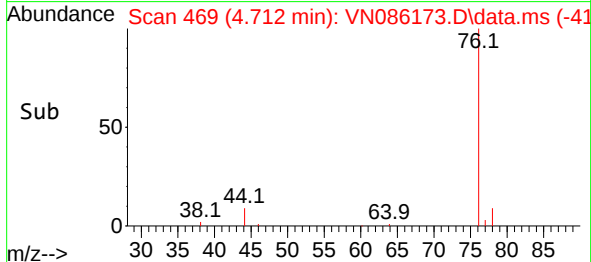
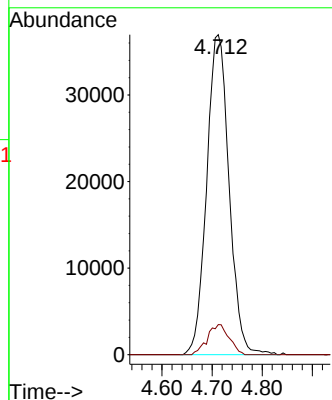
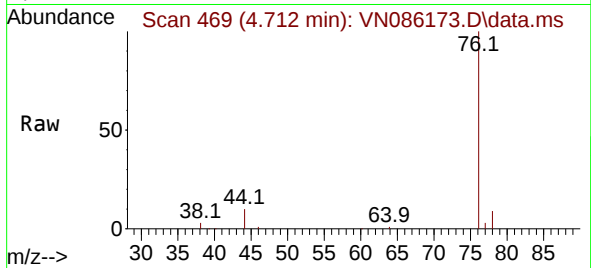
#17
Carbon Disulfide
Concen: 17.815 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion: 76 Resp: 114740
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

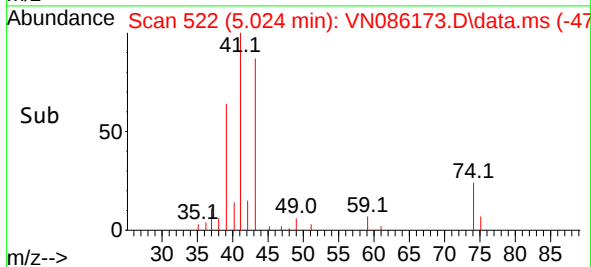
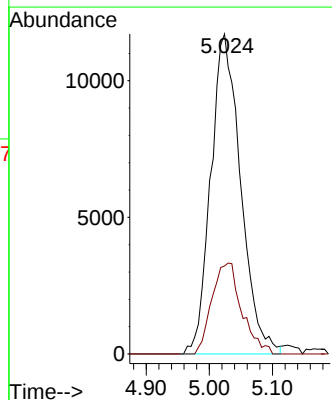
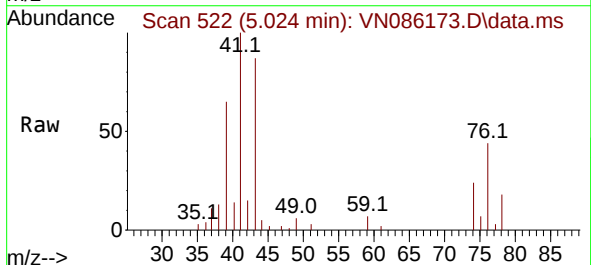
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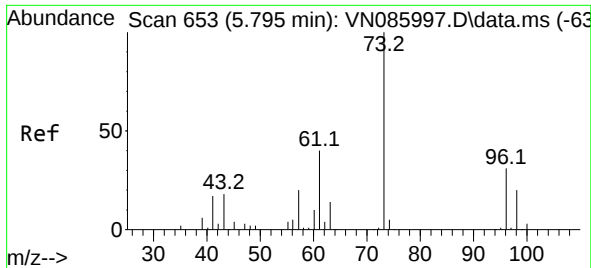
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#18
Methyl Acetate
Concen: 19.490 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 43 Resp: 38566
Ion Ratio Lower Upper
43 100
74 28.3 23.9 35.9





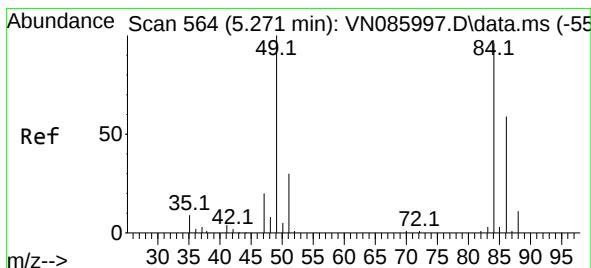
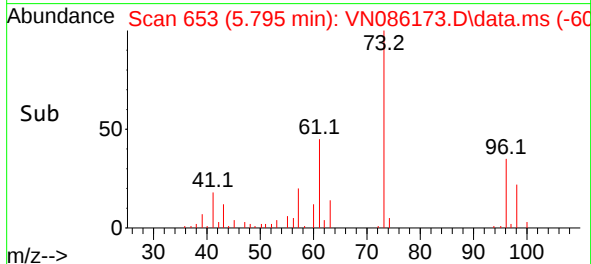
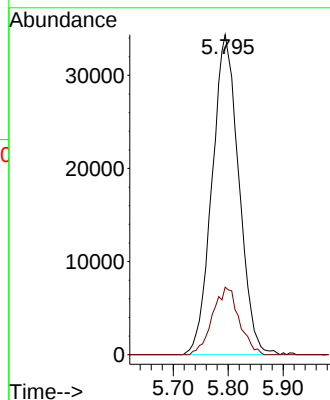
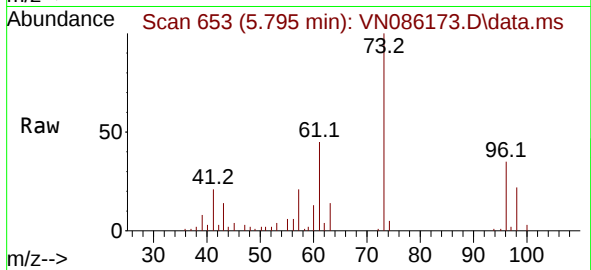
#19
Methyl tert-butyl Ether
Concen: 18.095 ug/l
RT: 5.795 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion: 73 Resp: 11613
Ion Ratio Lower Upper
73 100
57 21.1 16.1 24.1

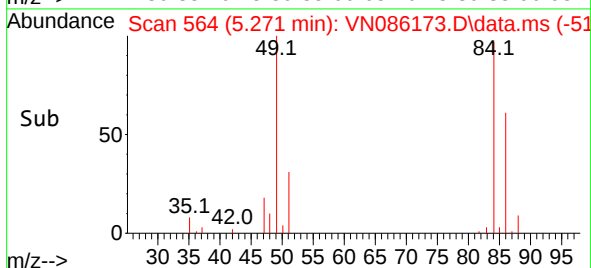
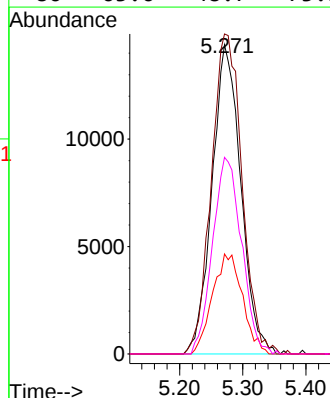
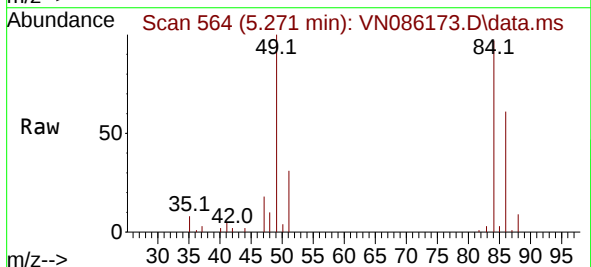
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 19.496 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

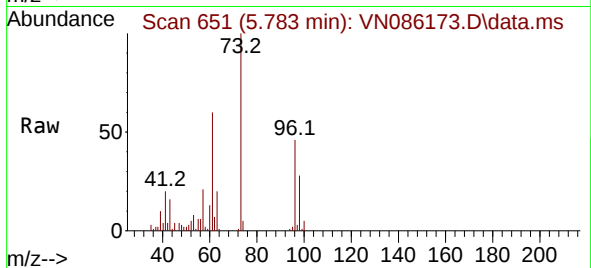
Tgt Ion: 84 Resp: 45615
Ion Ratio Lower Upper
84 100
49 103.5 83.3 124.9
51 32.4 24.8 37.2
86 63.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 18.848 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

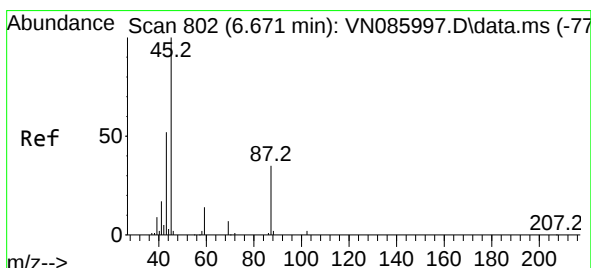
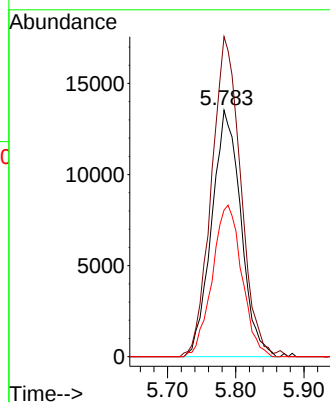
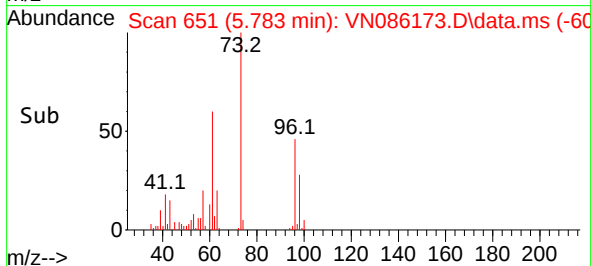
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



Tgt Ion: 96 Resp: 4034
Ion Ratio Lower Upper
96 100
61 129.9 106.6 160.0
98 59.5 50.0 75.0

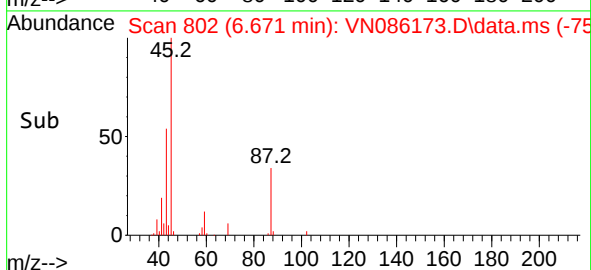
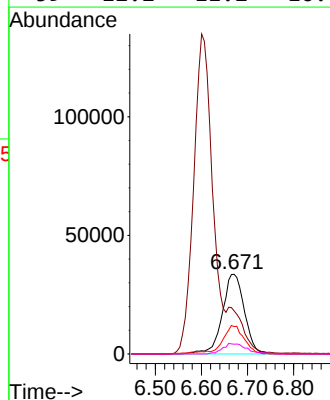
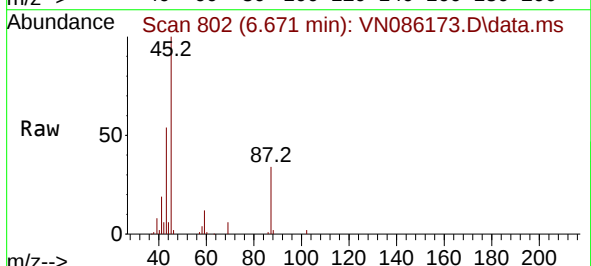
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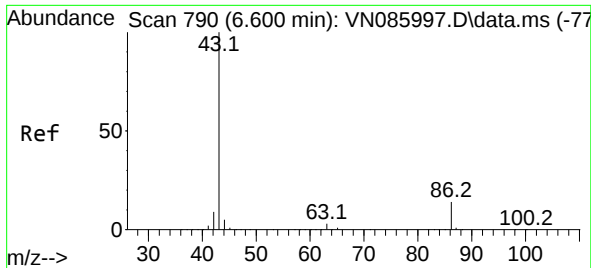
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#22
Diisopropyl ether
Concen: 21.362 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 45 Resp: 111232
Ion Ratio Lower Upper
45 100
43 52.9 41.2 61.8
87 34.4 28.5 42.7
59 12.2 11.2 16.8





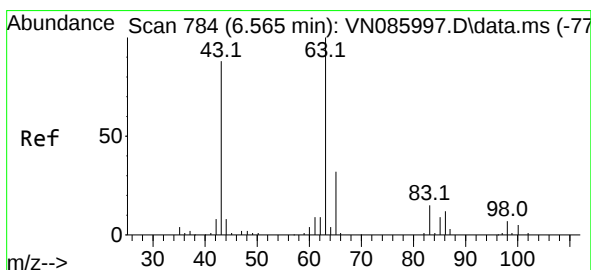
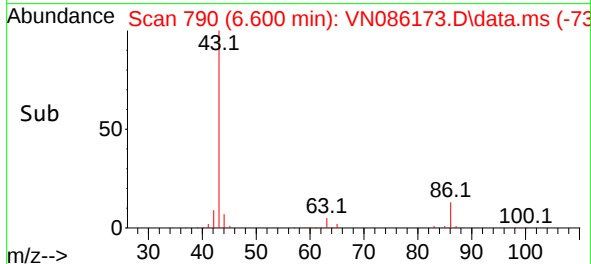
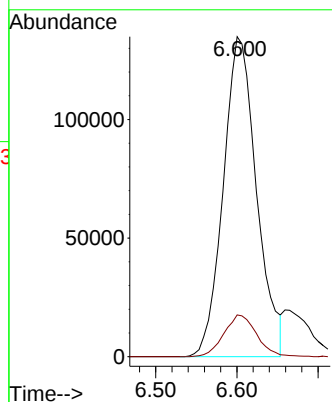
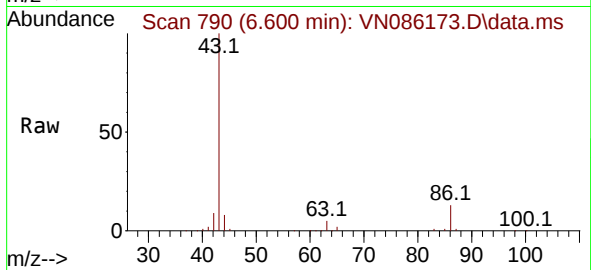
#23
 Vinyl Acetate
 Concen: 97.430 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086173.D
 Acq: 31 Mar 2025 16:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331MBS01

Tgt Ion: 43 Resp: 38457
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.2 16.8

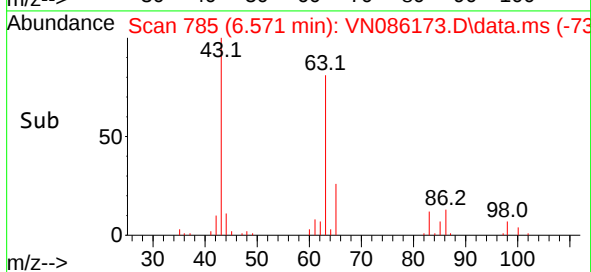
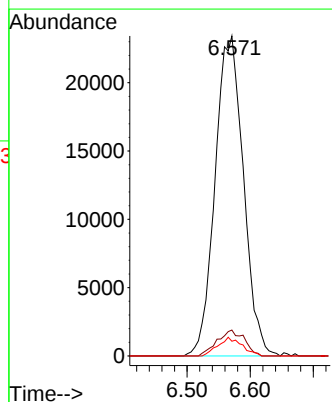
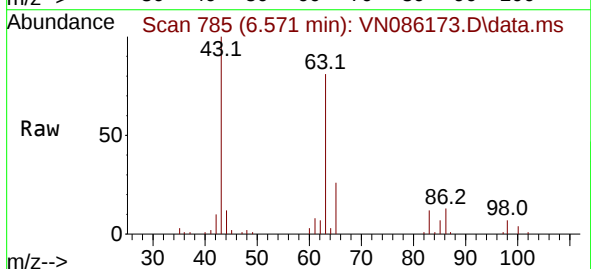
Manual Integrations
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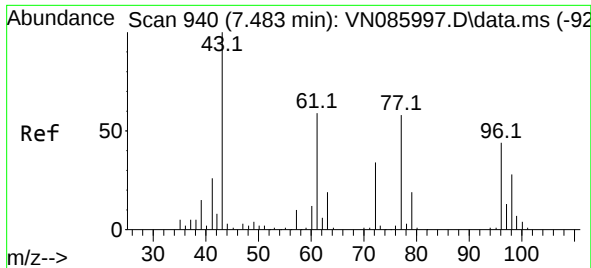
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#24
 1,1-Dichloroethane
 Concen: 19.070 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086173.D
 Acq: 31 Mar 2025 16:38

Tgt Ion: 63 Resp: 73016
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 4.6 2.5 7.5





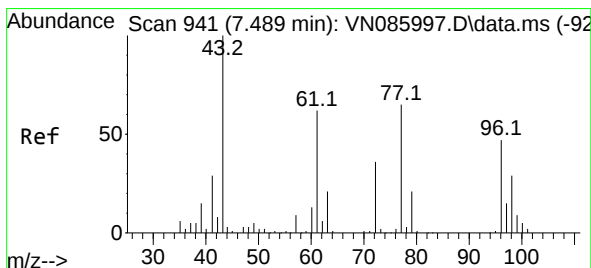
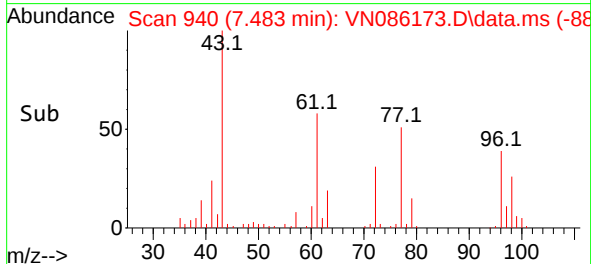
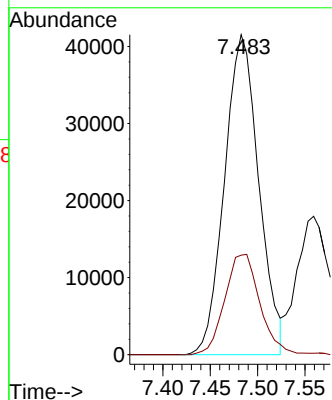
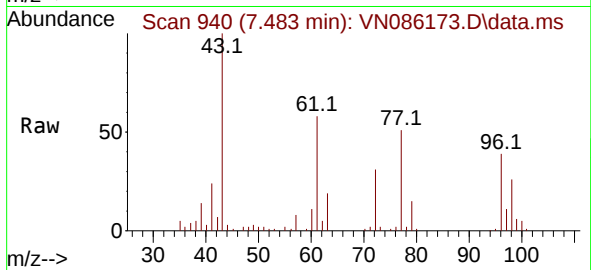
#25
2-Butanone
Concen: 90.606 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion: 43 Resp: 10456
Ion Ratio Lower Upper
43 100
72 31.1 27.4 41.0

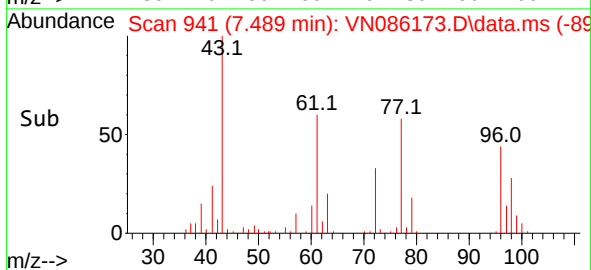
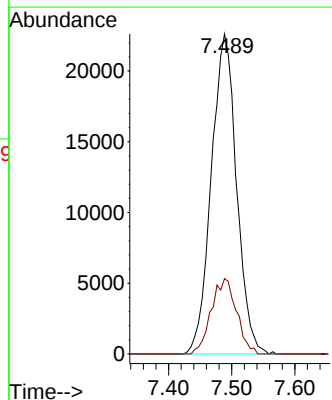
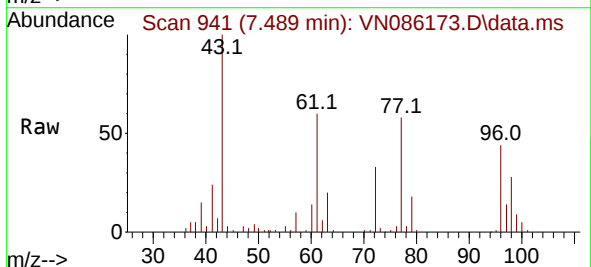
Manual Integrations
APPROVED

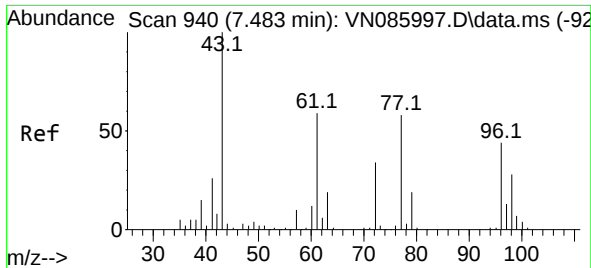
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#26
2,2-Dichloropropane
Concen: 17.048 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

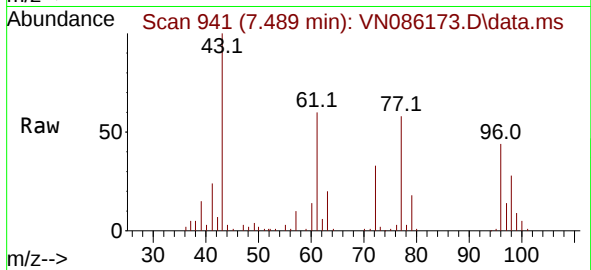
Tgt Ion: 77 Resp: 62843
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.748 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086173.D
 Acq: 31 Mar 2025 16:38

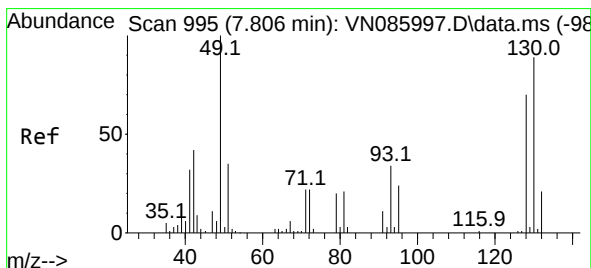
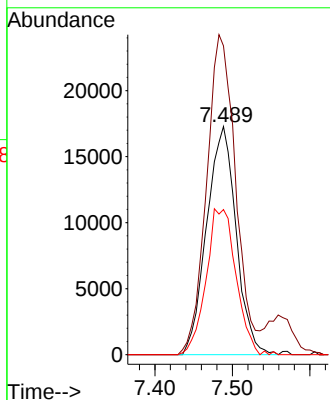
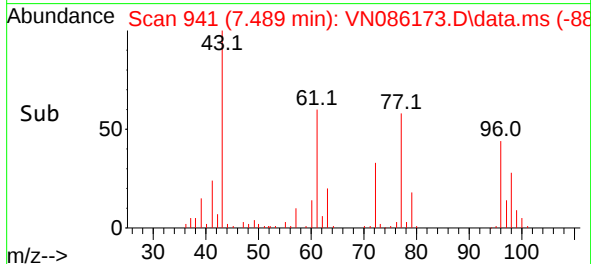
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331MBS01



Tgt Ion: 96 Resp: 4560
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 272.8
 98 65.0 0.0 124.8

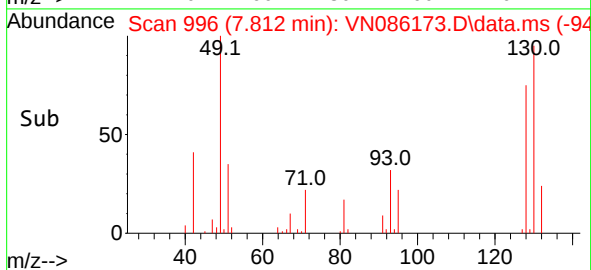
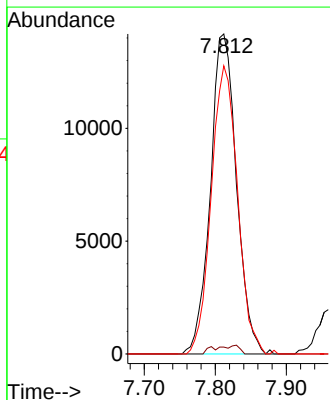
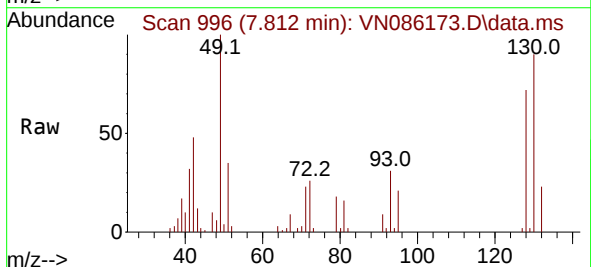
Manual Integrations
 APPROVED

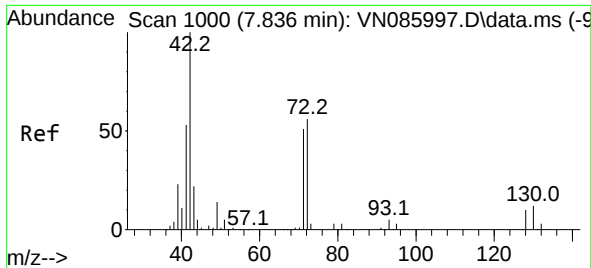
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#28
 Bromochloromethane
 Concen: 22.350 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086173.D
 Acq: 31 Mar 2025 16:38

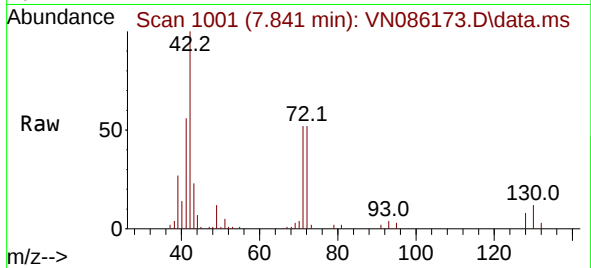
Tgt Ion: 49 Resp: 36257
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.2
 130 90.5 74.2 111.4





#29
Tetrahydrofuran
Concen: 97.928 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

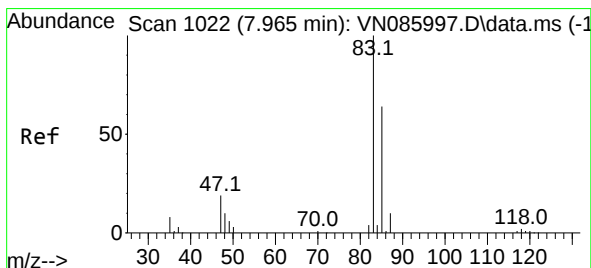
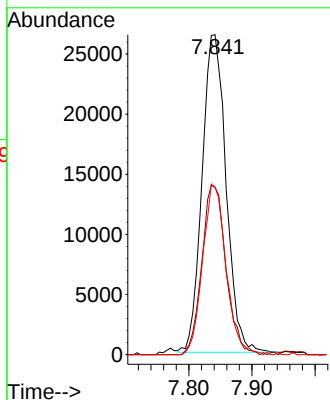
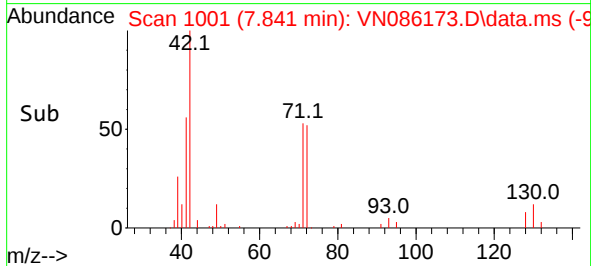
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



Tgt Ion: 42 Resp: 69769
Ion Ratio Lower Upper
42 100
72 53.7 45.0 67.4
71 52.1 41.9 62.9

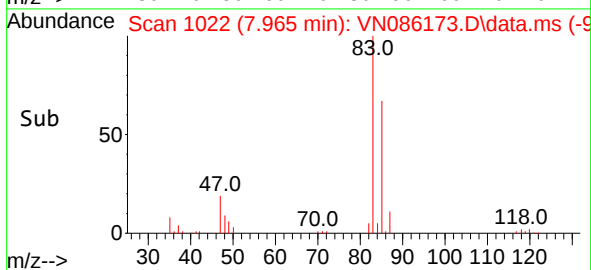
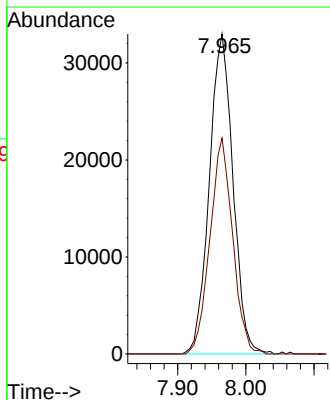
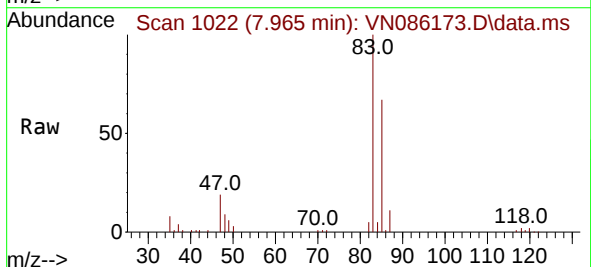
Manual Integrations
APPROVED

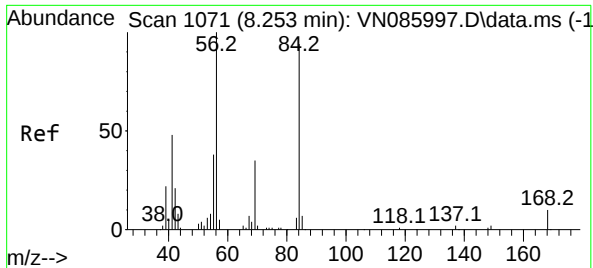
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#30
Chloroform
Concen: 18.808 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

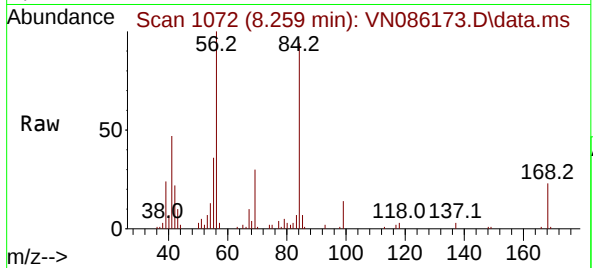
Tgt Ion: 83 Resp: 79600
Ion Ratio Lower Upper
83 100
85 67.5 51.5 77.3





#31
Cyclohexane
Concen: 18.295 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

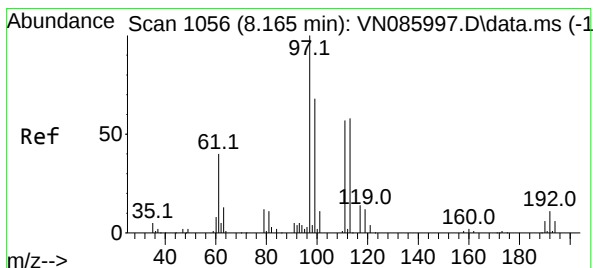
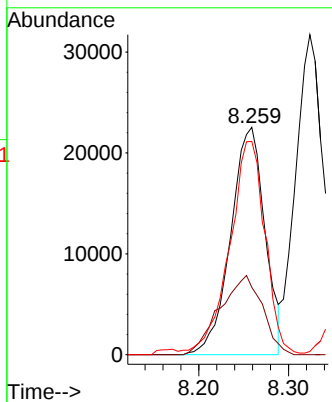
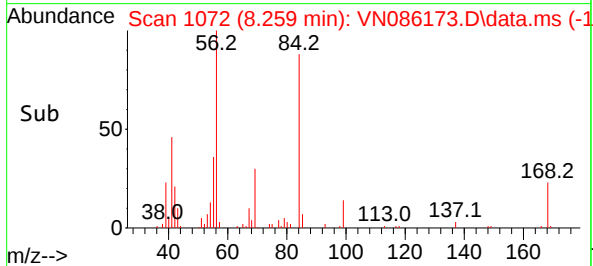
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



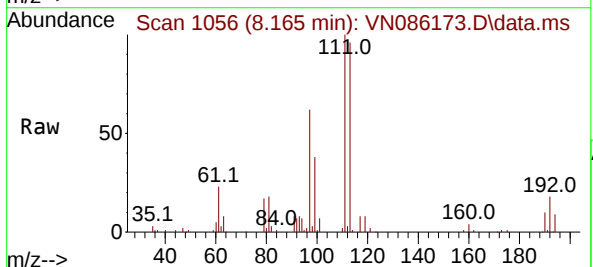
Tgt Ion: 56 Resp: 5967
Ion Ratio Lower Upper
56 100
69 29.7 28.0 42.0
84 92.3 75.0 112.6

Manual Integrations
APPROVED

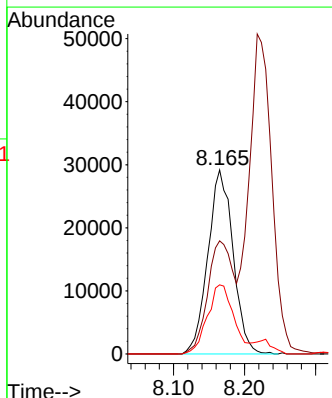
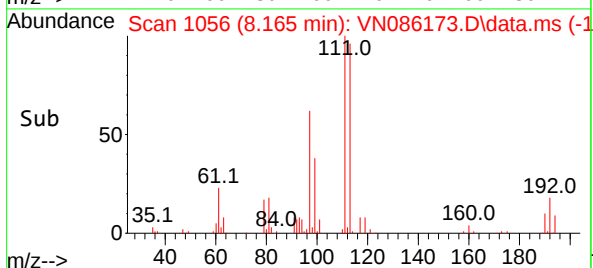
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#32
1,1,1-Trichloroethane
Concen: 17.897 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



Tgt Ion: 97 Resp: 71698
Ion Ratio Lower Upper
97 100
99 62.4 52.8 79.2
61 39.3 33.6 50.4





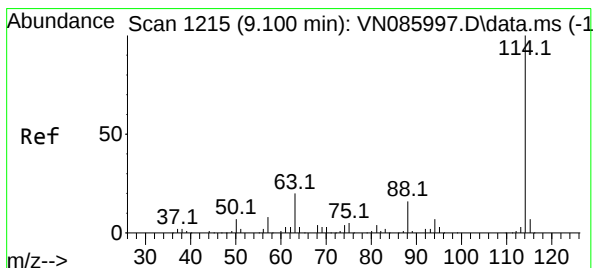
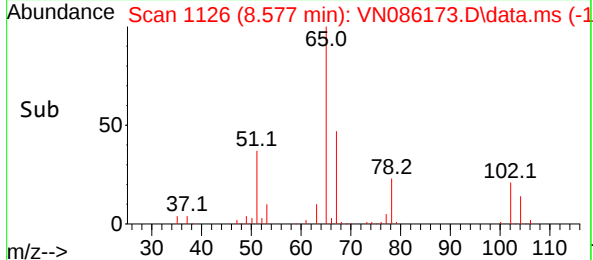
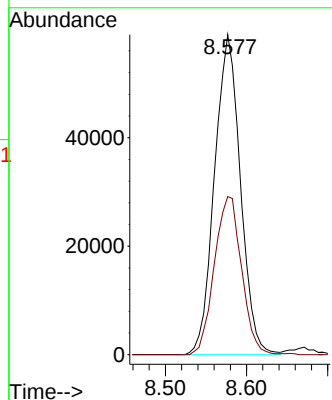
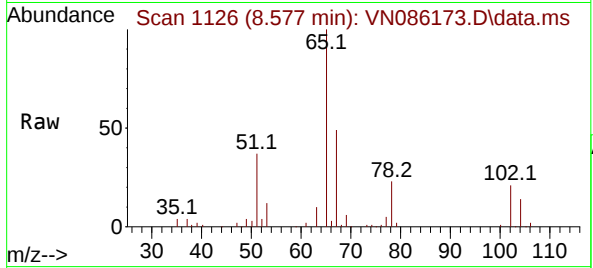
#33
 1,2-Dichloroethane-d4
 Concen: 49.915 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086173.D
 Acq: 31 Mar 2025 16:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331MBS01

Tgt Ion: 65 Resp: 130669
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.2

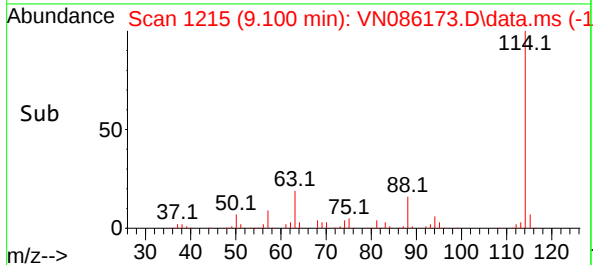
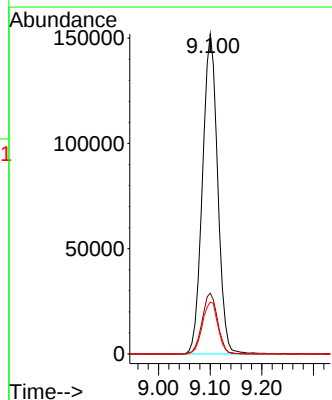
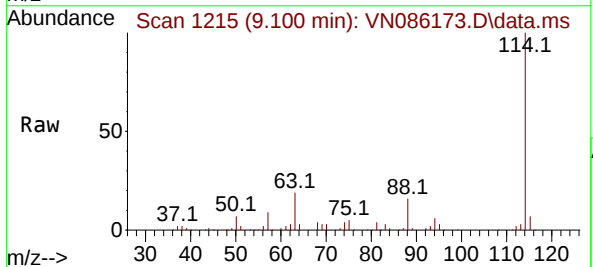
Manual Integrations
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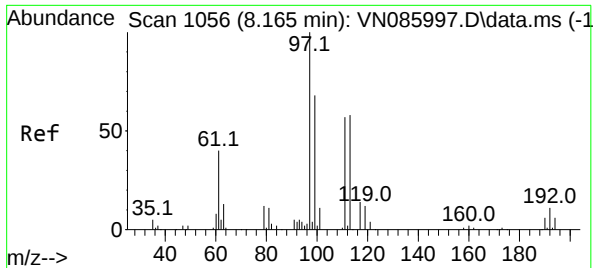
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086173.D
 Acq: 31 Mar 2025 16:38

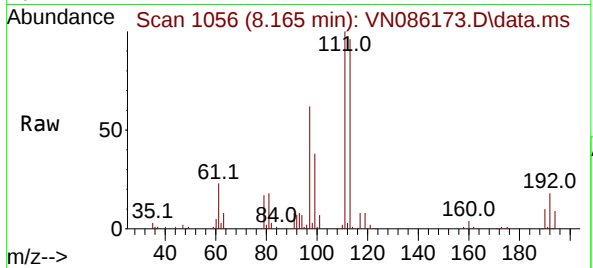
Tgt Ion:114 Resp: 309921
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 16.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

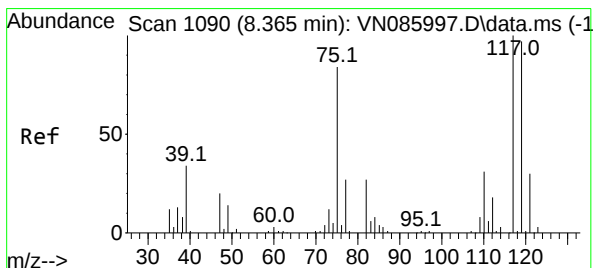
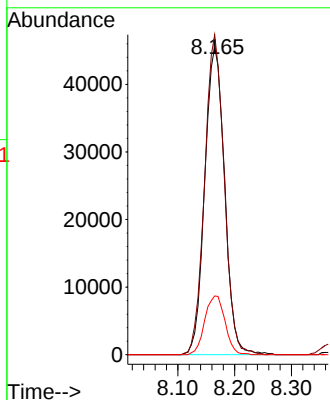
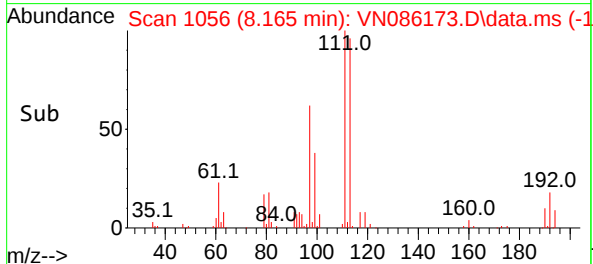
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



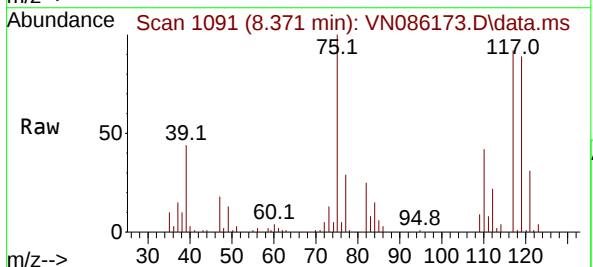
Tgt Ion: 113 Resp: 11051
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 19.4 15.9 23.9

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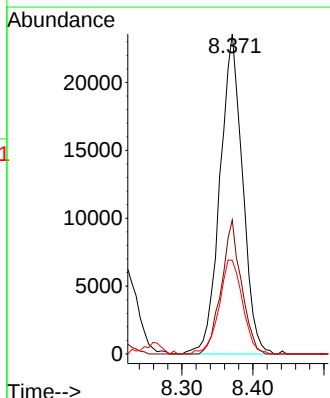
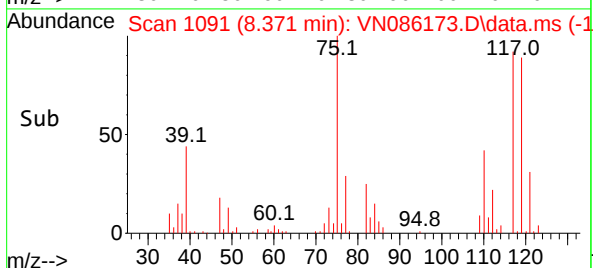
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

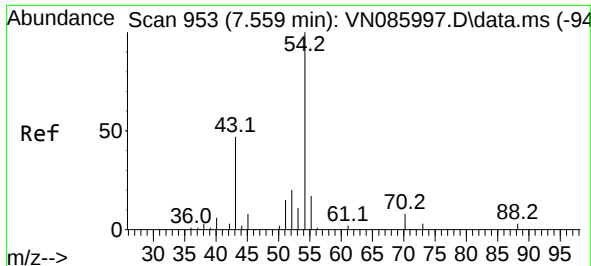


#36
1,1-Dichloropropene
Concen: 18.219 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



Tgt Ion: 75 Resp: 51894
Ion Ratio Lower Upper
75 100
110 36.9 17.8 53.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 19.993 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

Instrument :

MSVOA_N

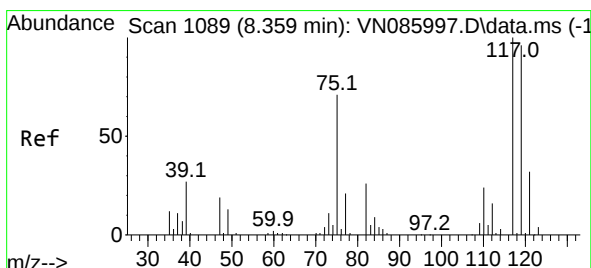
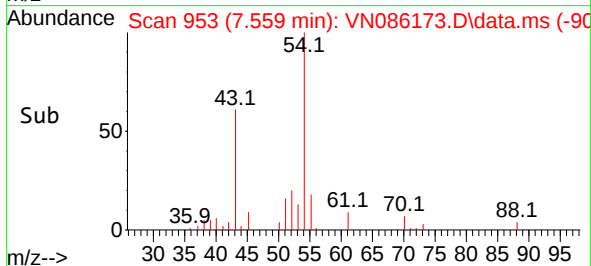
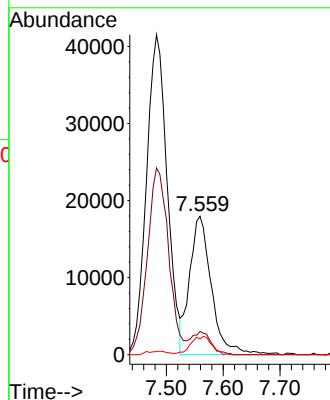
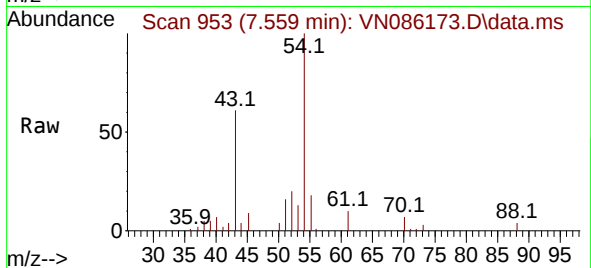
ClientSampleId :

VN0331MBS01

Tgt Ion:	43	Resp:	4804
Ion	Ratio	Lower	Upper
43	100		
61	14.8	13.0	19.4
70	12.6	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: 17.654 ug/l

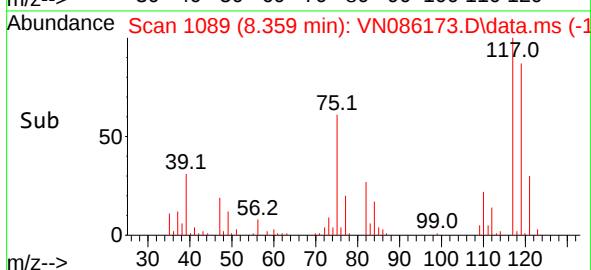
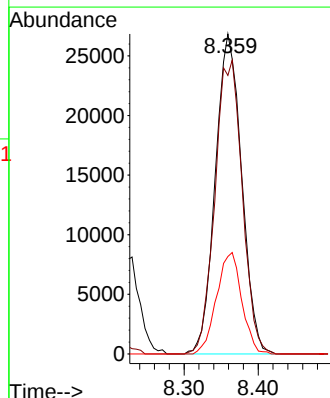
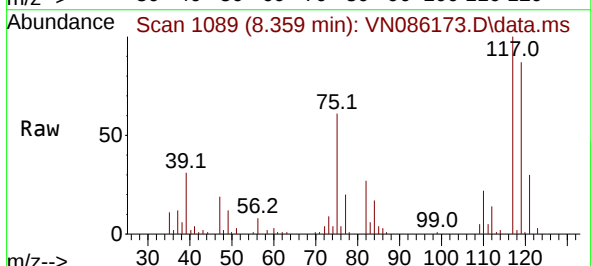
RT: 8.359 min Scan# 1089

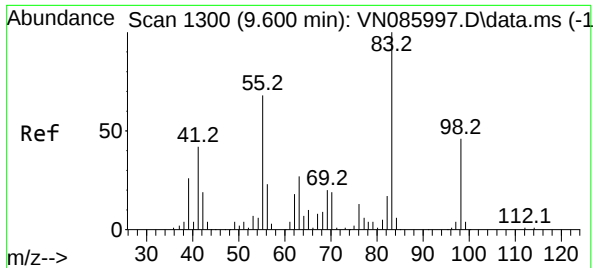
Delta R.T. -0.000 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

Tgt Ion:	117	Resp:	66116
Ion	Ratio	Lower	Upper
117	100		
119	87.1	77.0	115.4
121	30.4	25.6	38.4





#39

Methylcyclohexane

Concen: 16.662 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN0331MBS01

Tgt Ion: 83 Resp: 47088

Ion Ratio Lower Upper

83 100

55 73.4 54.2 81.2

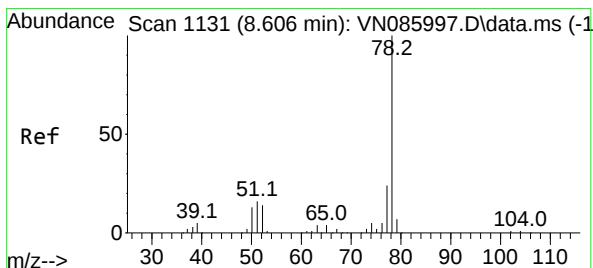
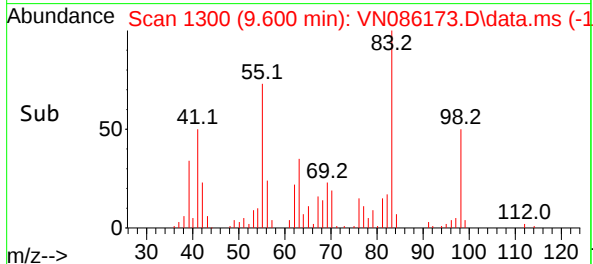
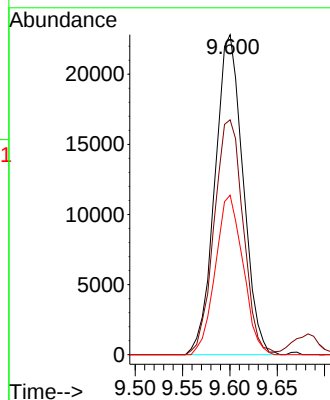
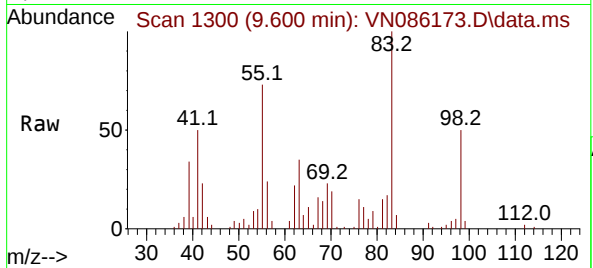
98 49.8 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#40

Benzene

Concen: 19.175 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086173.D

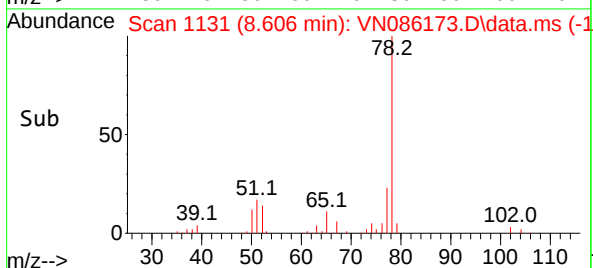
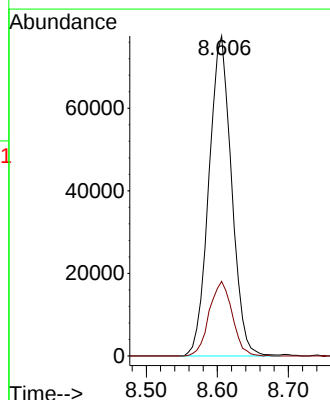
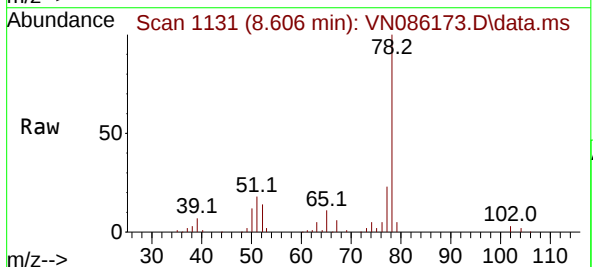
Acq: 31 Mar 2025 16:38

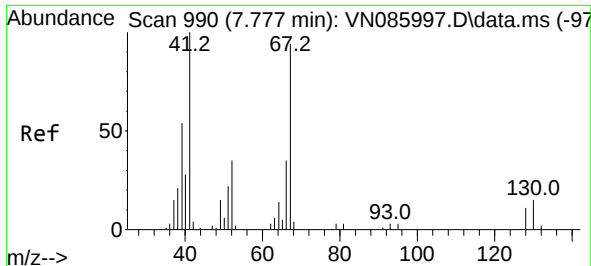
Tgt Ion: 78 Resp: 171456

Ion Ratio Lower Upper

78 100

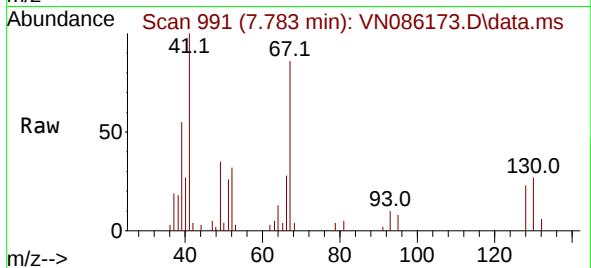
77 23.3 18.9 28.3





#41
Methacrylonitrile
Concen: 20.309 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

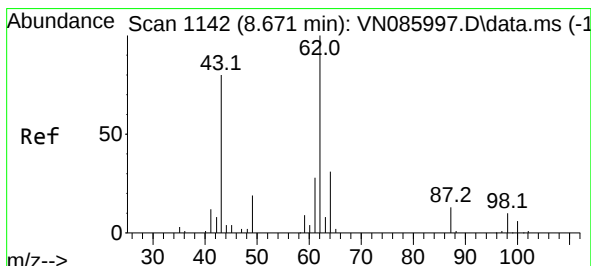
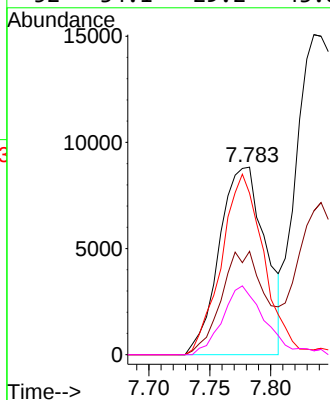
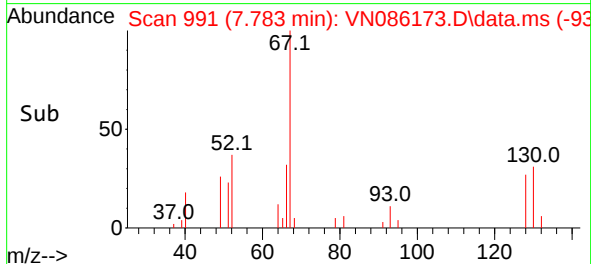
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



Tgt Ion: 41 Resp: 23304
Ion Ratio Lower Upper
41 100
39 52.6 46.2 69.2
67 89.3 75.9 113.9
52 34.1 29.2 43.8

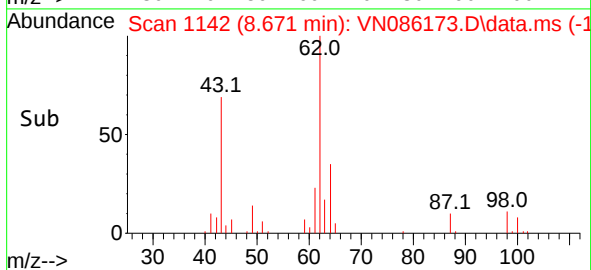
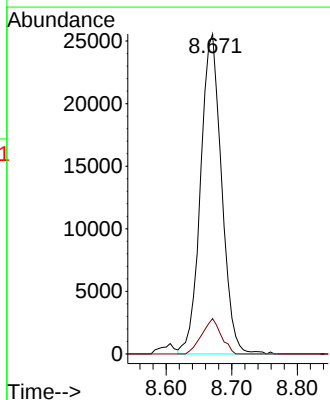
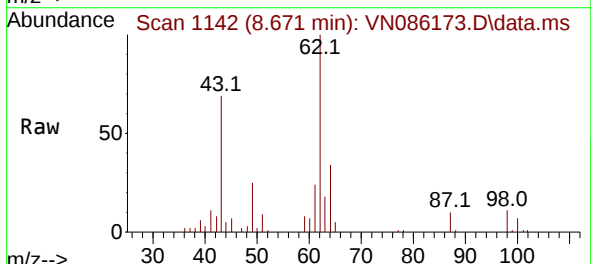
Manual Integrations
APPROVED

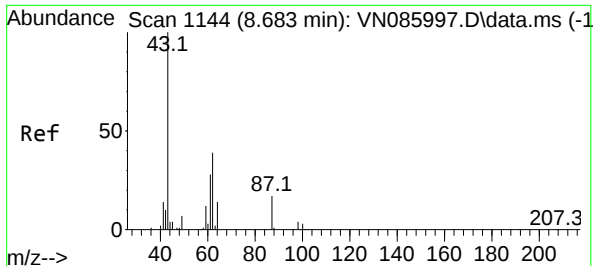
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#42
1,2-Dichloroethane
Concen: 18.305 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 62 Resp: 57033
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.6





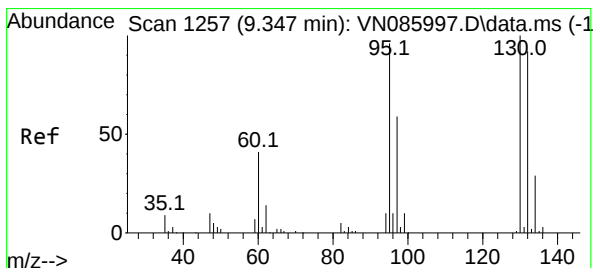
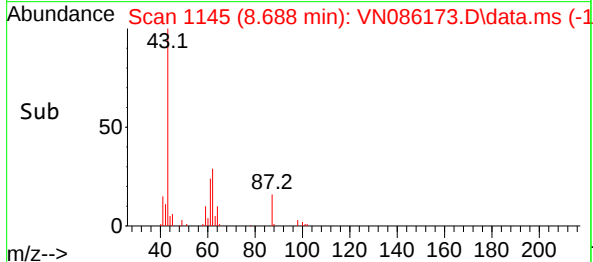
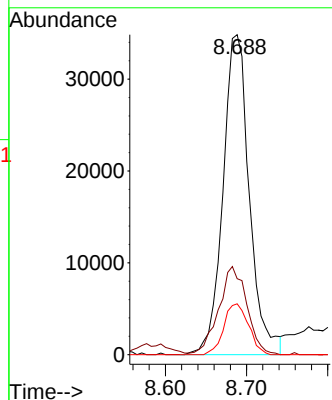
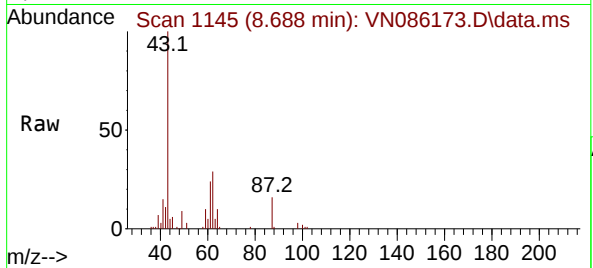
#43
Isopropyl Acetate
Concen: 15.134 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion: 43 Resp: 7880
Ion Ratio Lower Upper
43 100
61 29.5 25.0 37.6
87 14.9 13.0 19.4

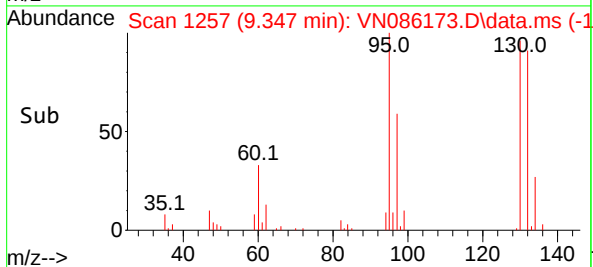
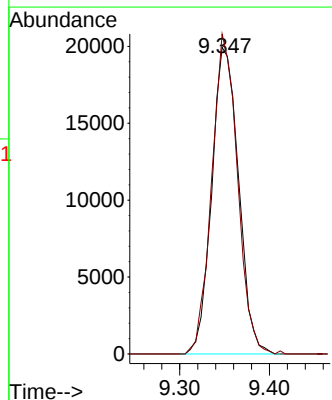
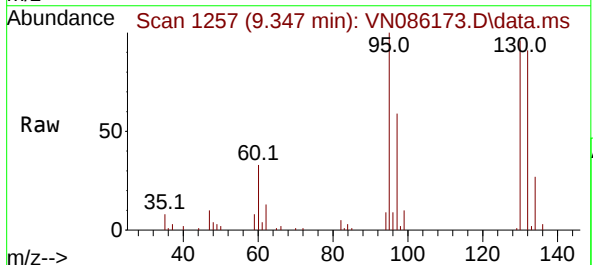
Manual Integrations
APPROVED

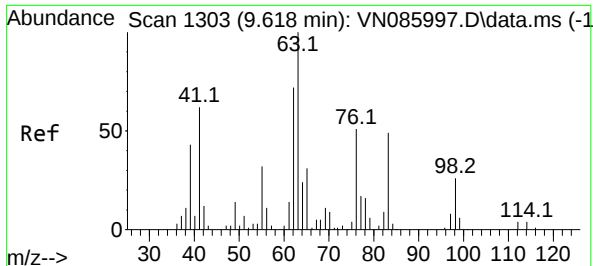
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#44
Trichloroethene
Concen: 17.865 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion:130 Resp: 41402
Ion Ratio Lower Upper
130 100
95 104.4 0.0 191.6





#45

1,2-Dichloropropane

Concen: 20.261 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN0331MBS01

Tgt Ion: 63 Resp: 4120

Ion Ratio Lower Upper

63 100

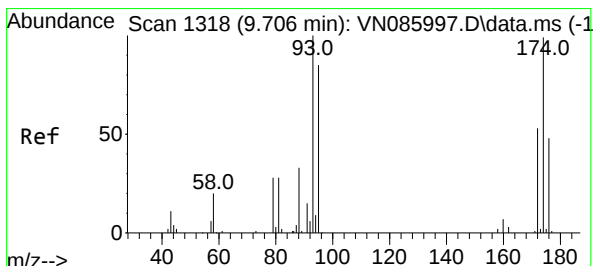
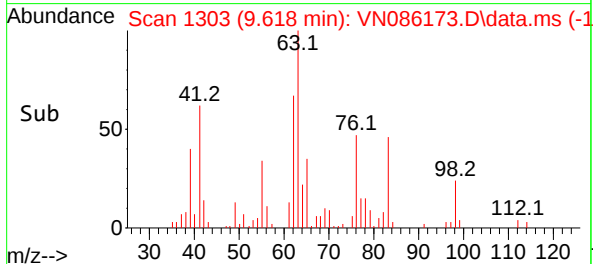
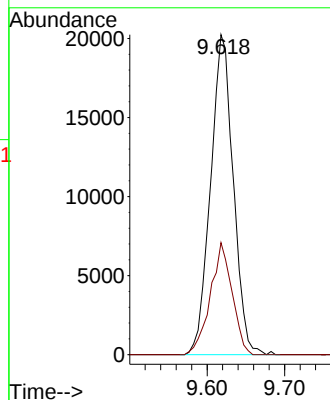
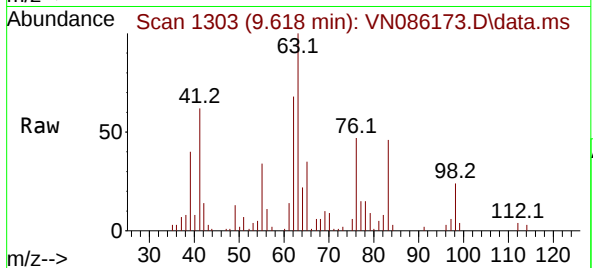
65 35.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#46

Dibromomethane

Concen: 19.616 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

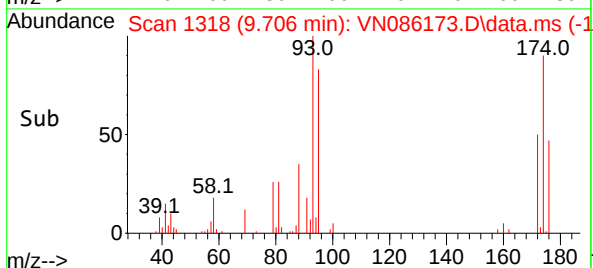
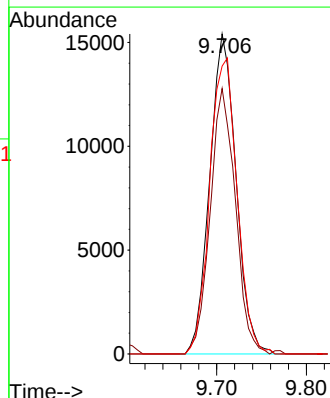
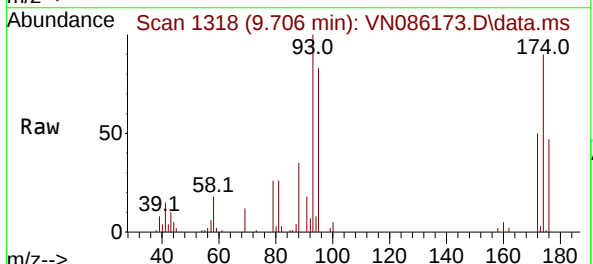
Tgt Ion: 93 Resp: 31374

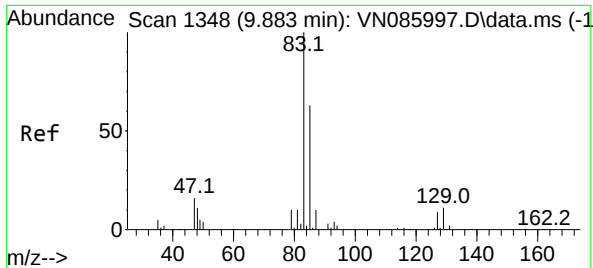
Ion Ratio Lower Upper

93 100

95 79.5 66.2 99.2

174 96.3 80.1 120.1





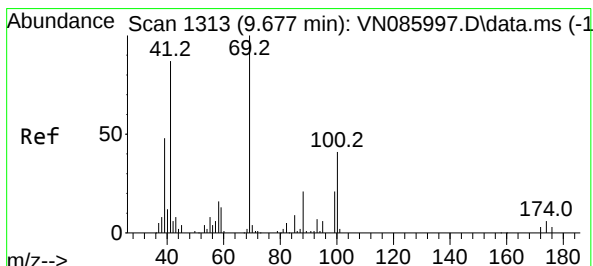
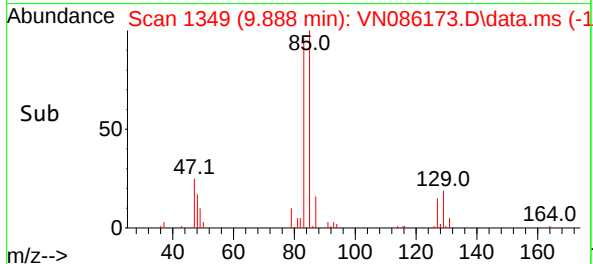
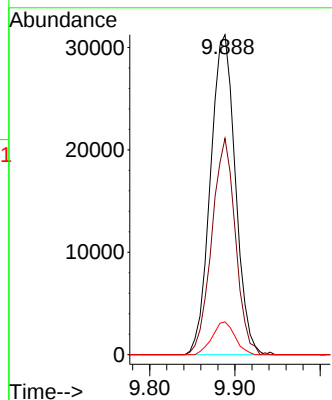
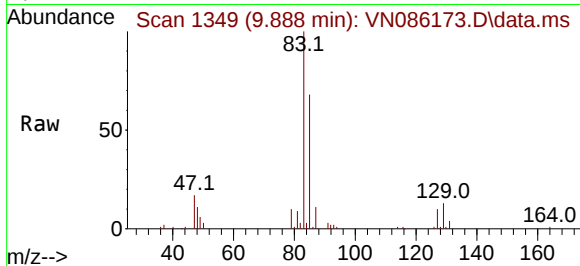
#47
Bromodichloromethane
Concen: 18.969 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion: 83 Resp: 63409
Ion Ratio Lower Upper
83 100
85 67.6 50.2 75.2
127 10.2 7.1 10.7

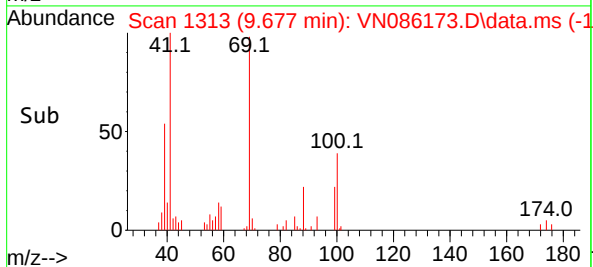
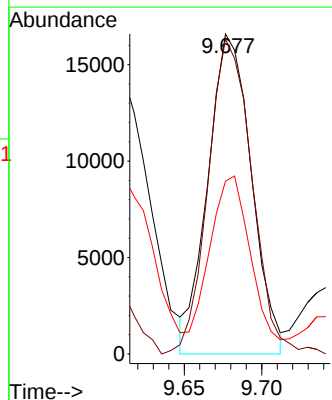
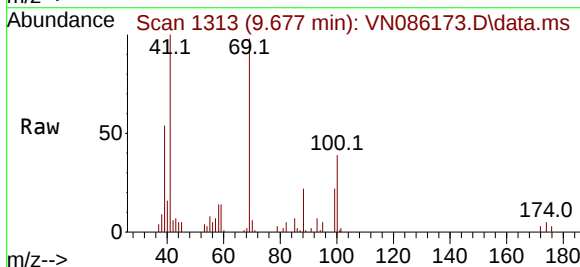
Manual Integrations
APPROVED

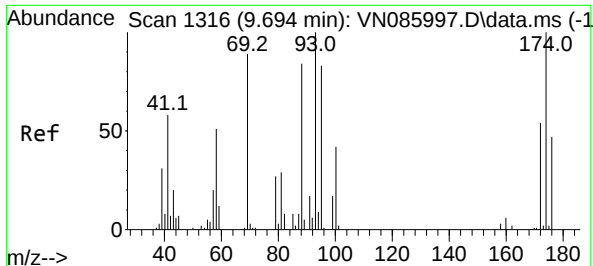
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#48
Methyl methacrylate
Concen: 18.804 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

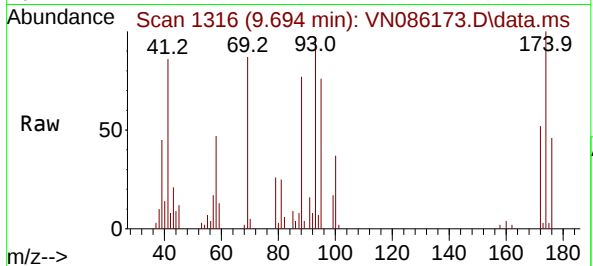
Tgt Ion: 41 Resp: 32312
Ion Ratio Lower Upper
41 100
69 99.6 83.1 124.7
39 54.4 45.6 68.4





#49
1,4-Dioxane
Concen: 376.802 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

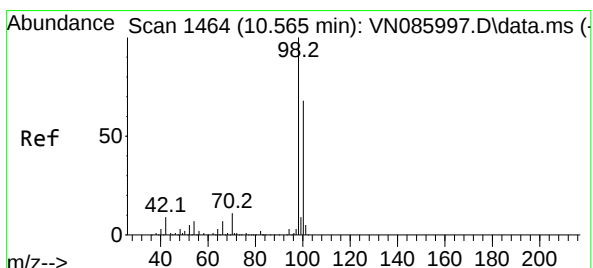
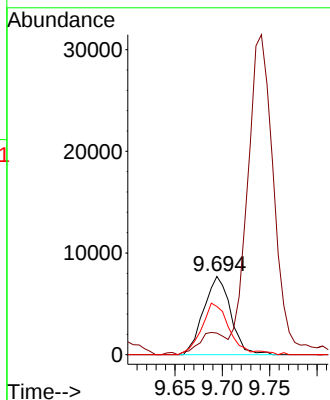
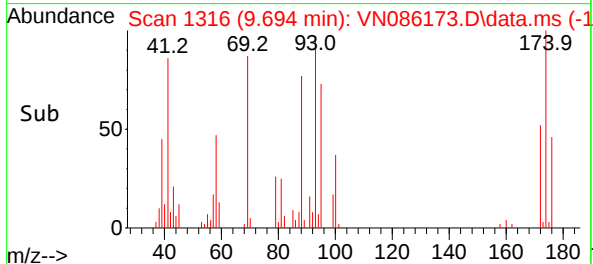
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



Tgt Ion: 88 Resp: 15300
Ion Ratio Lower Upper
88 100
43 28.4 21.7 32.5
58 68.7 50.4 75.6

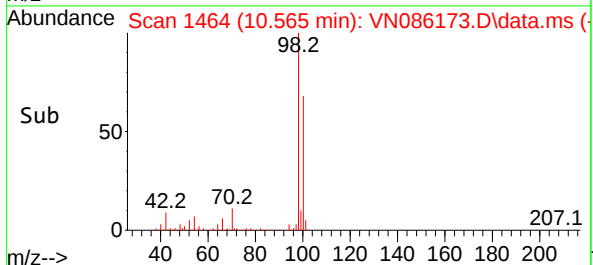
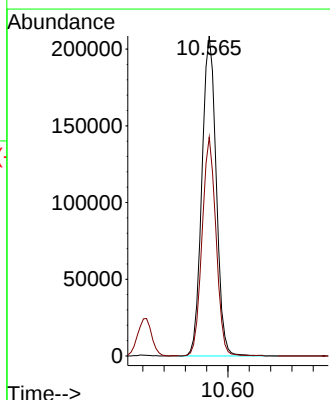
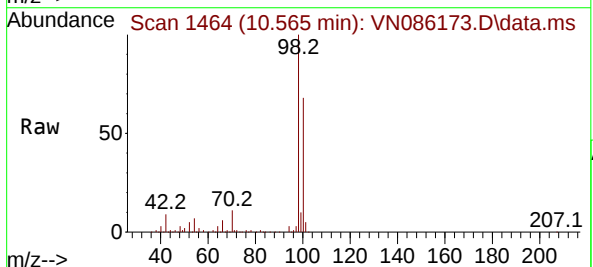
Manual Integrations
APPROVED

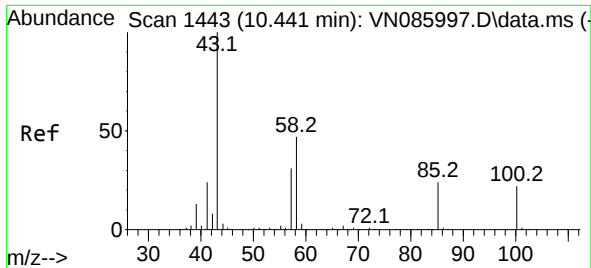
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#50
Toluene-d8
Concen: 49.481 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 98 Resp: 388474
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





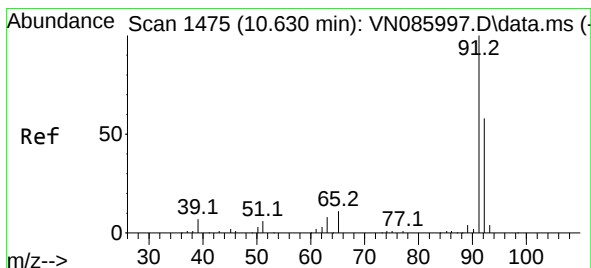
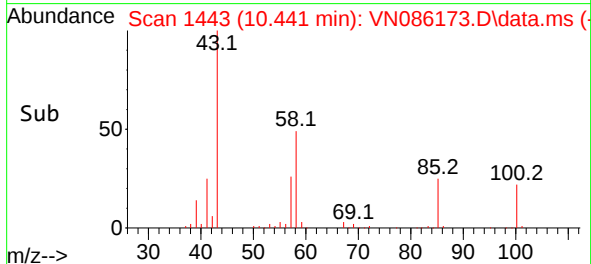
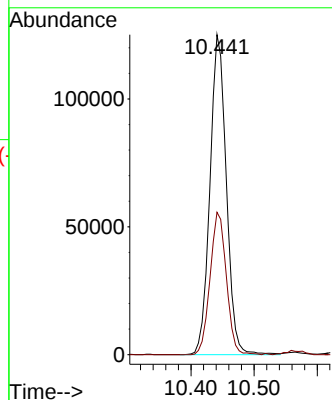
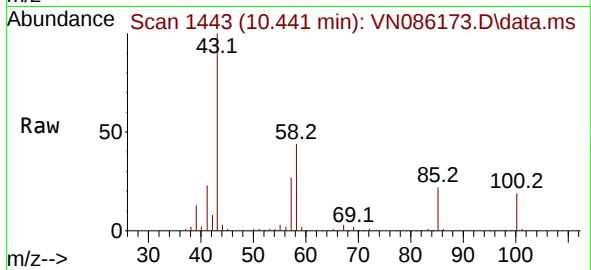
#51
4-Methyl-2-Pentanone
Concen: 98.330 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion: 43 Resp: 225810
Ion Ratio Lower Upper
43 100
58 44.1 37.4 56.0

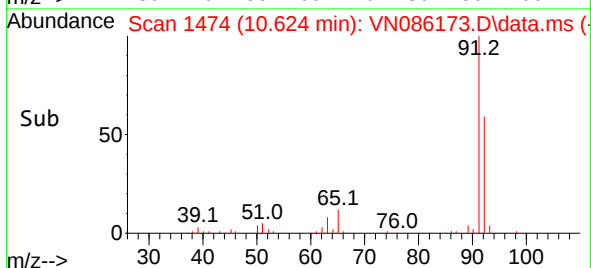
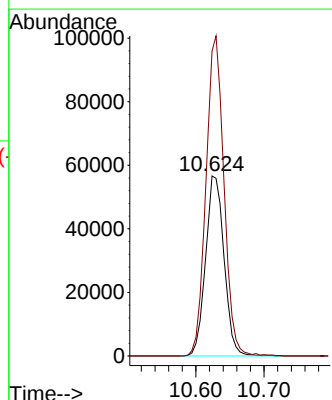
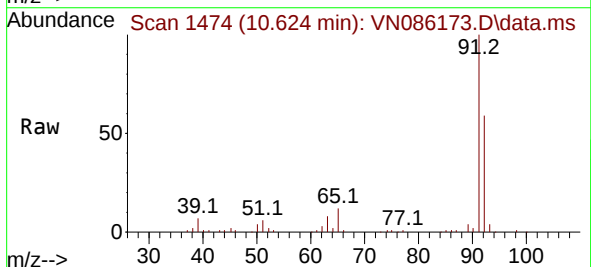
Manual Integrations
APPROVED

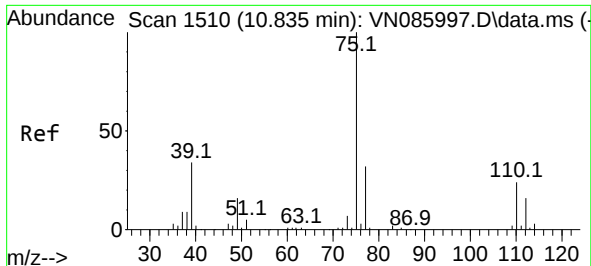
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#52
Toluene
Concen: 19.465 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

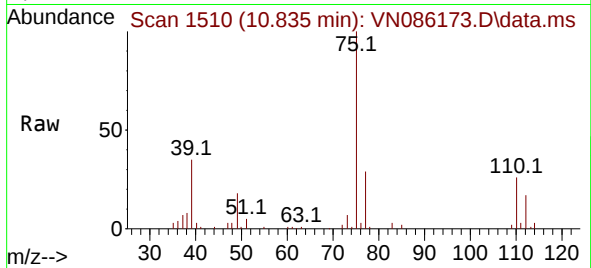
Tgt Ion: 92 Resp: 106824
Ion Ratio Lower Upper
92 100
91 173.1 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 18.270 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

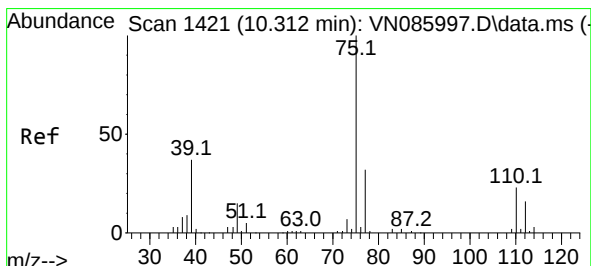
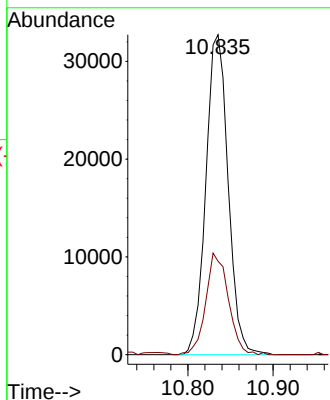
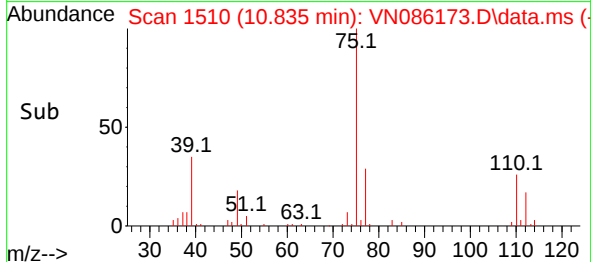
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



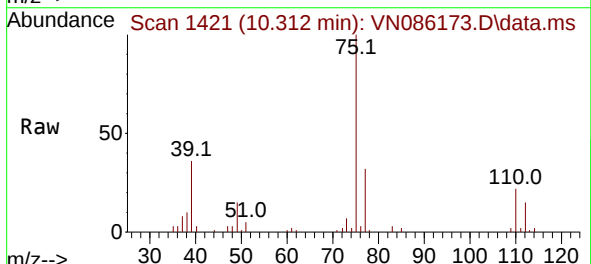
Tgt Ion: 75 Resp: 59309
Ion Ratio Lower Upper
75 100
77 29.2 25.3 37.9

Manual Integrations
APPROVED

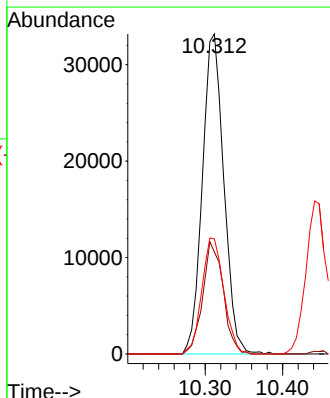
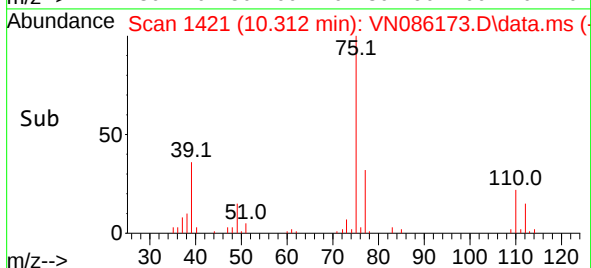
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

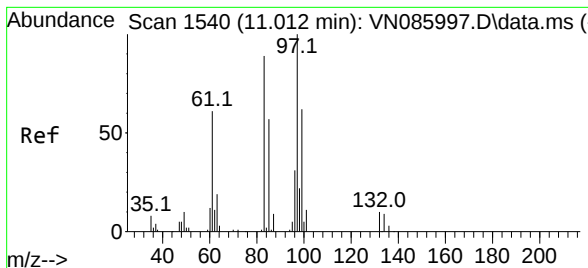


#54
cis-1,3-Dichloropropene
Concen: 18.640 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



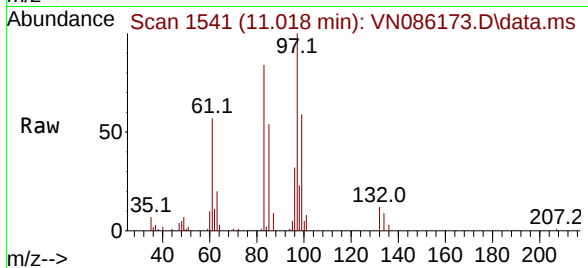
Tgt Ion: 75 Resp: 63845
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 35.9 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 19.989 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

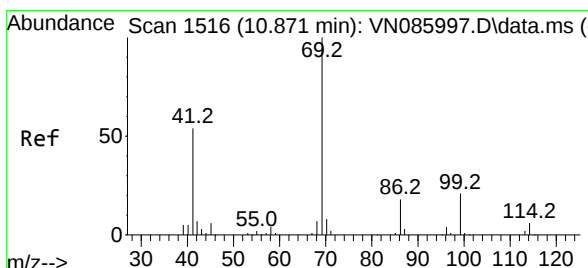
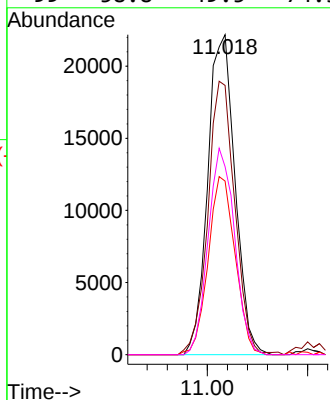
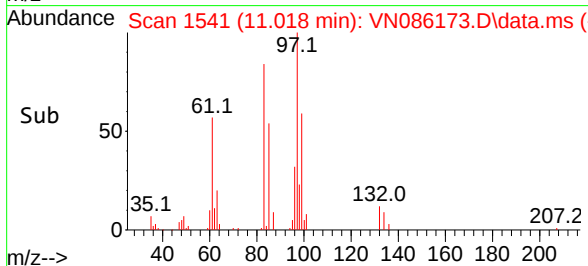
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



Tgt Ion: 97	Resp: 4187
Ion Ratio	Lower Upper
97 100	
83 84.2	71.2 106.8
85 54.3	45.4 68.0
99 58.8	49.5 74.3

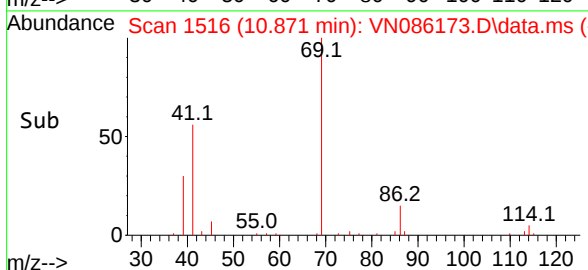
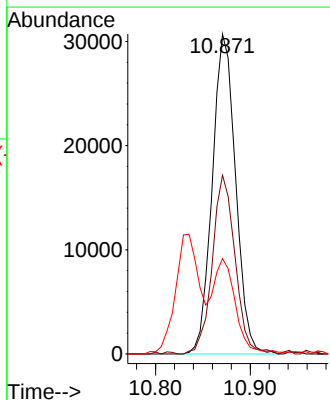
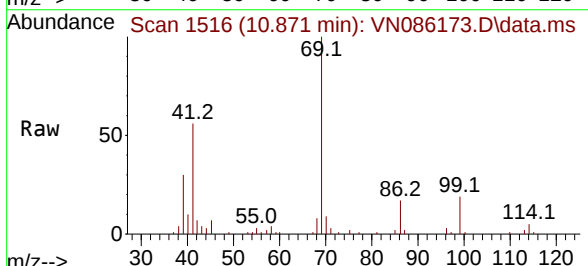
Manual Integrations
APPROVED

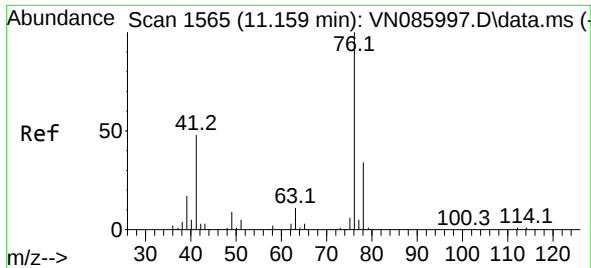
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#56
Ethyl methacrylate
Concen: 18.487 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 69	Resp: 52527
Ion Ratio	Lower Upper
69 100	
41 54.4	41.6 62.4
39 27.9	21.8 32.8





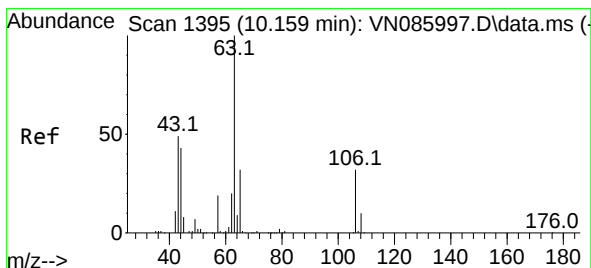
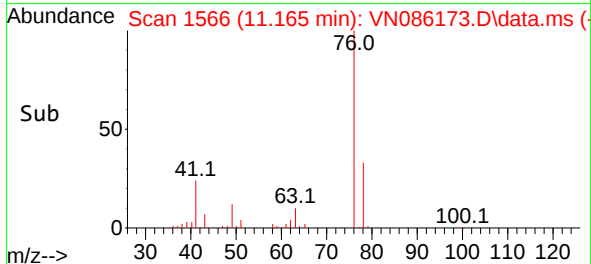
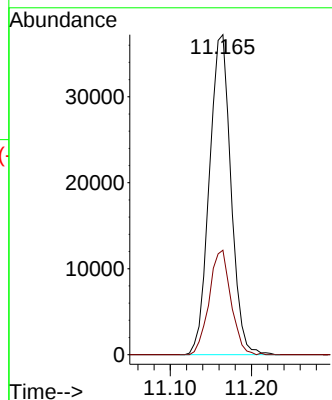
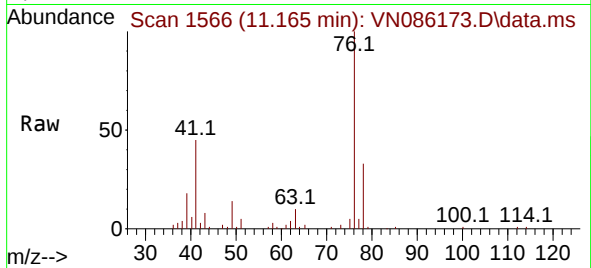
#57
1,3-Dichloropropane
Concen: 19.305 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion: 76 Resp: 6868
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.6

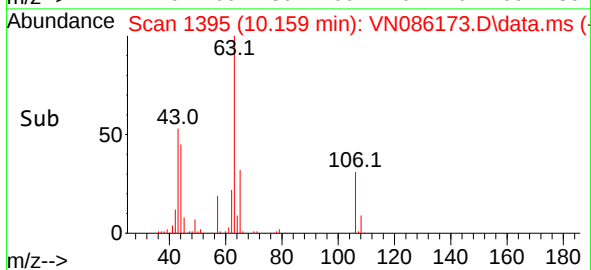
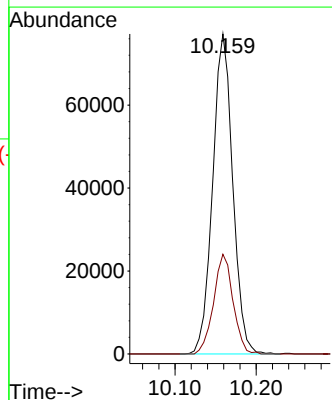
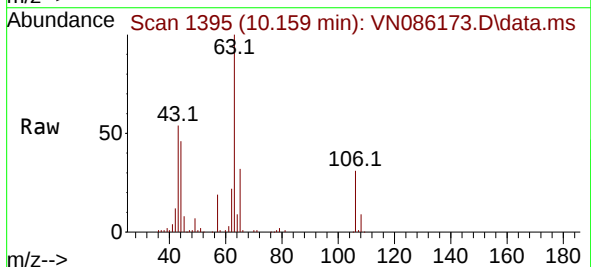
Manual Integrations
APPROVED

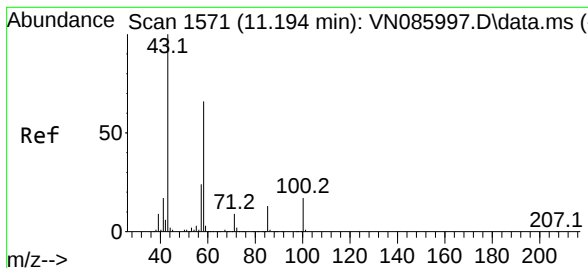
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#58
2-Chloroethyl Vinyl ether
Concen: 119.843 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

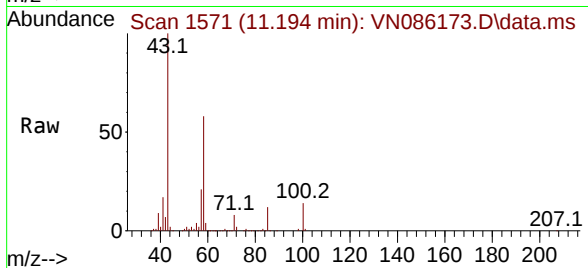
Tgt Ion: 63 Resp: 132454
Ion Ratio Lower Upper
63 100
106 30.2 25.0 37.6





#59
2-Hexanone
Concen: 96.199 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

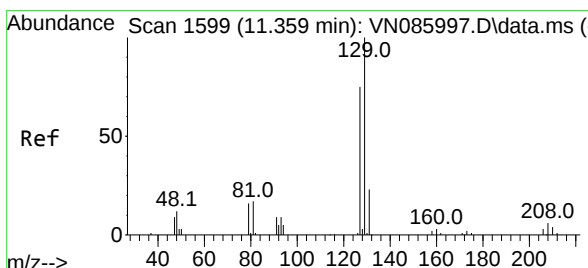
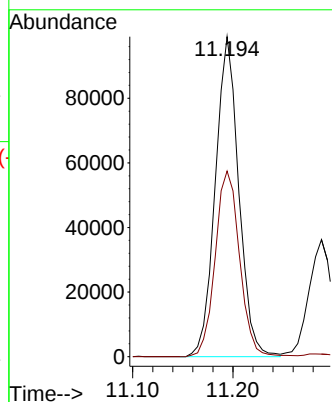
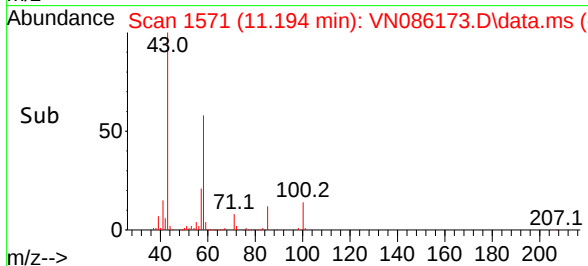
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



Tgt Ion: 43 Resp: 160940
Ion Ratio Lower Upper
43 100
58 60.3 32.4 97.2

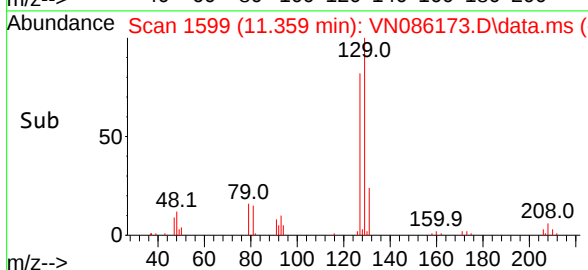
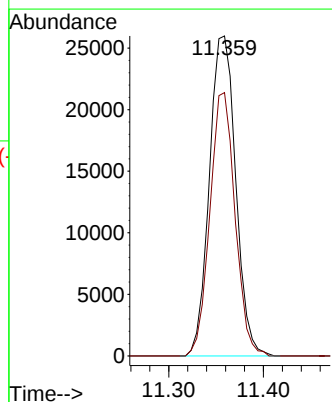
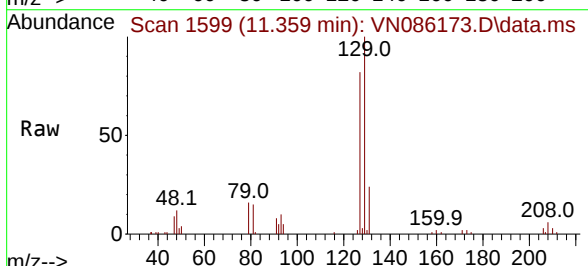
Manual Integrations
APPROVED

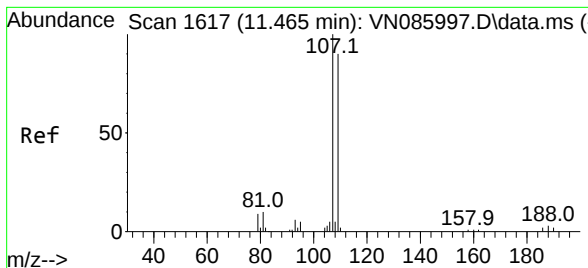
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#60
Dibromochloromethane
Concen: 18.602 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

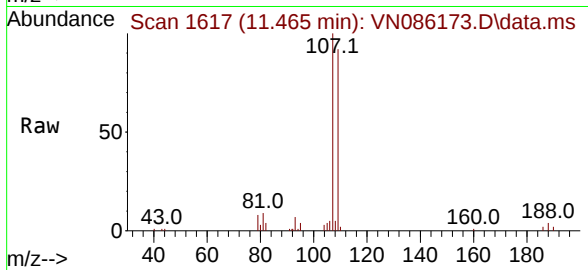
Tgt Ion:129 Resp: 50281
Ion Ratio Lower Upper
129 100
127 78.4 37.8 113.4





#61
1,2-Dibromoethane
Concen: 19.547 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

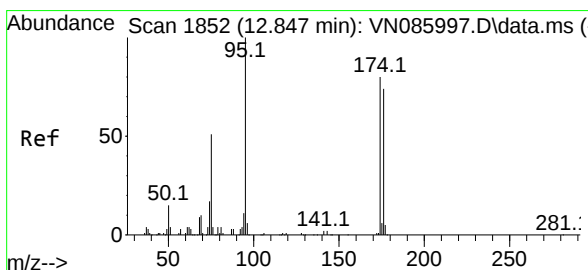
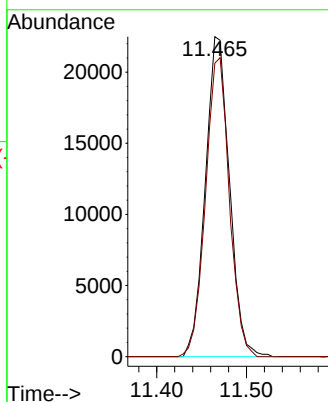
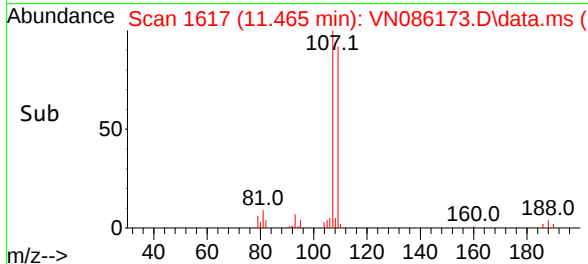
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



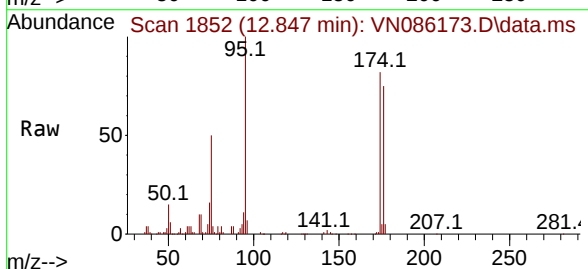
Tgt Ion:107 Resp: 42035
Ion Ratio Lower Upper
107 100
109 92.0 73.3 109.9

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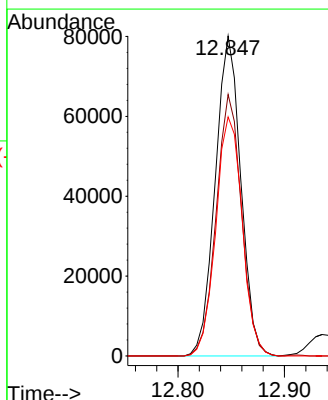
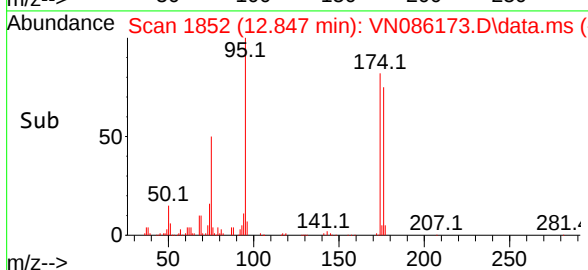
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

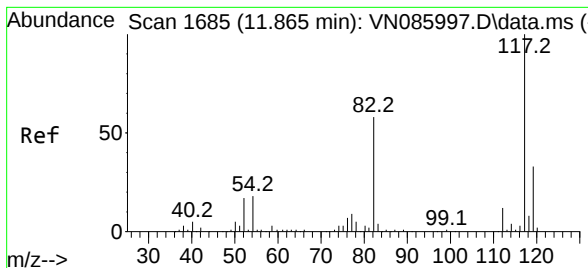


#62
4-Bromofluorobenzene
Concen: 47.703 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



Tgt Ion: 95 Resp: 133564
Ion Ratio Lower Upper
95 100
174 81.0 0.0 156.8
176 77.2 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN0331MBS01

Tgt Ion:117 Resp: 280079

Ion Ratio Lower Upper

117 100

82 58.0 46.7 70.1

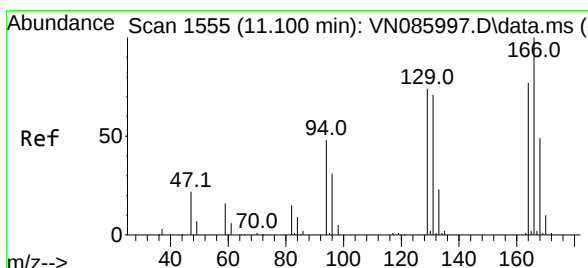
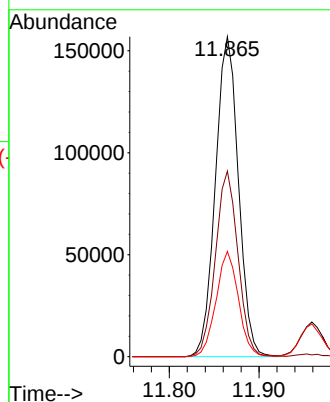
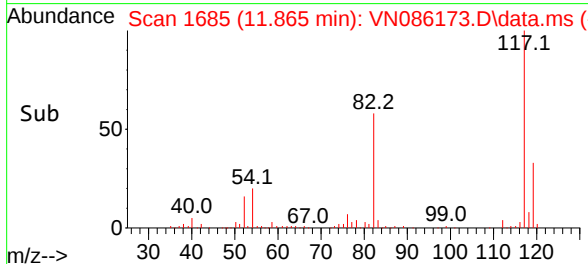
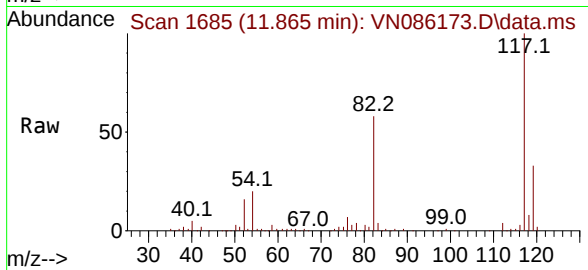
119 32.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#64

Tetrachloroethene

Concen: 18.747 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

Tgt Ion:164 Resp: 41885

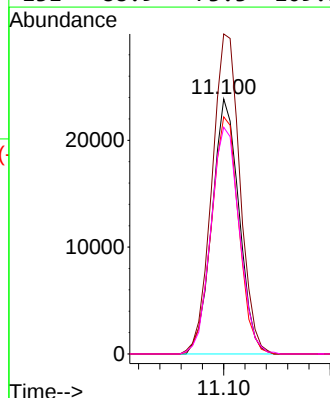
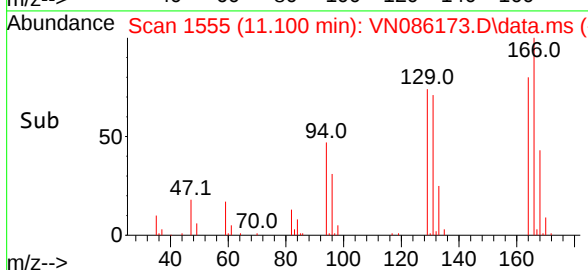
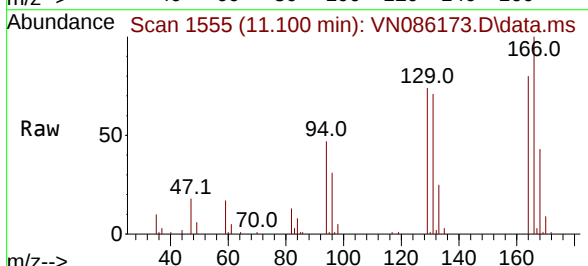
Ion Ratio Lower Upper

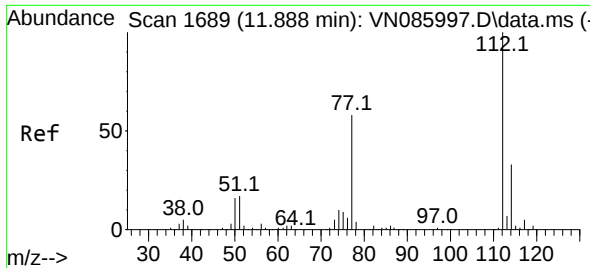
164 100

166 125.5 103.7 155.5

129 93.0 77.1 115.7

131 88.9 73.3 109.9





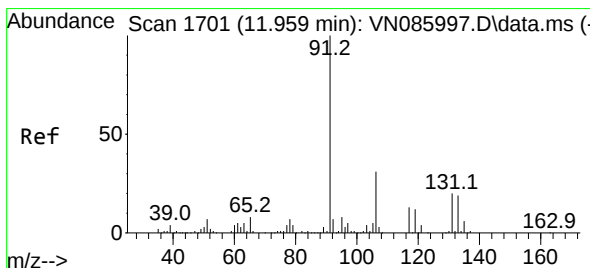
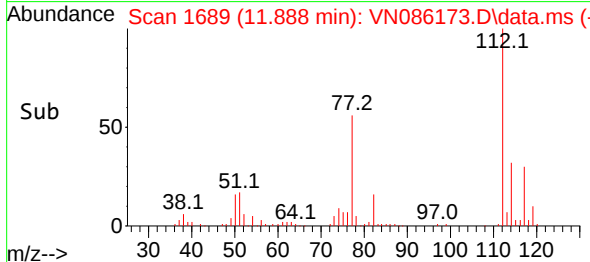
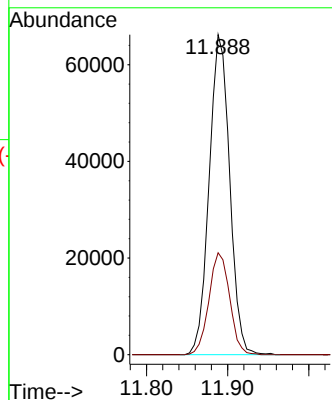
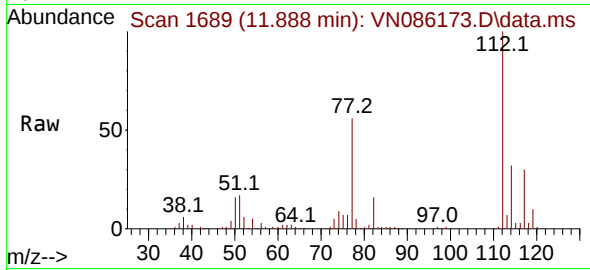
#65
Chlorobenzene
Concen: 18.119 ug/l
RT: 11.888 min Scan# 11612
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion:112 Resp: 11612
Ion Ratio Lower Upper
112 100
114 31.8 26.3 39.5

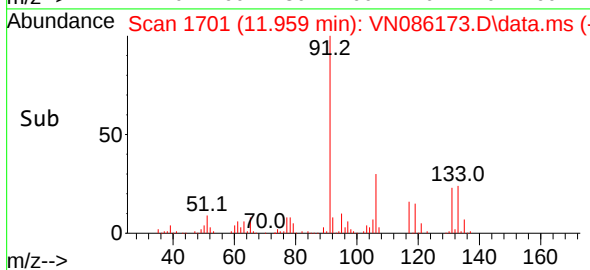
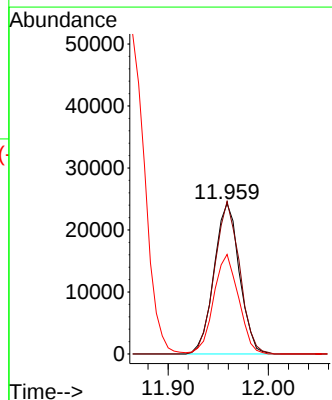
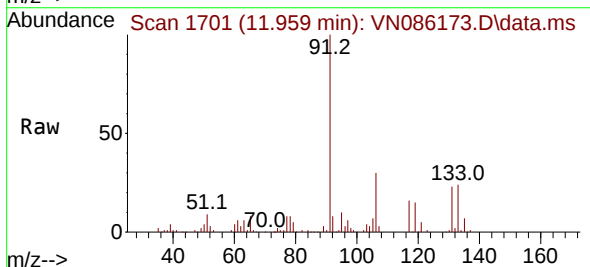
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 17.965 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

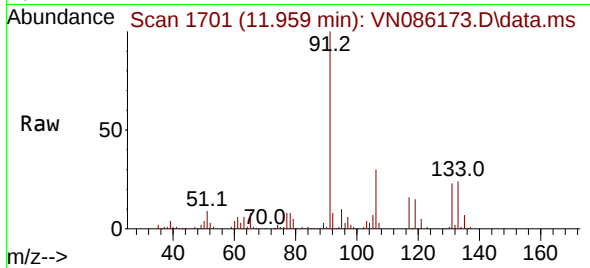
Tgt Ion:131 Resp: 42800
Ion Ratio Lower Upper
131 100
133 100.1 47.0 141.0
119 64.9 31.4 94.0





#67
Ethyl Benzene
Concen: 17.279 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

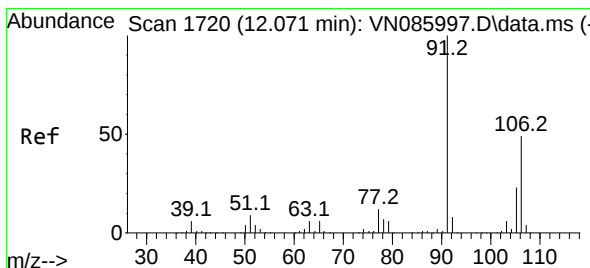
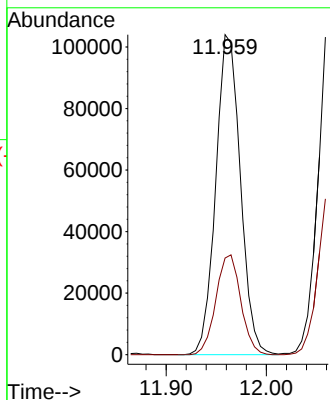
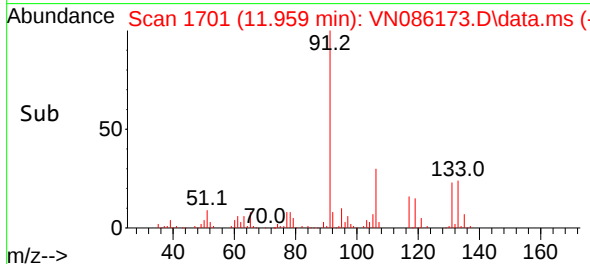
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



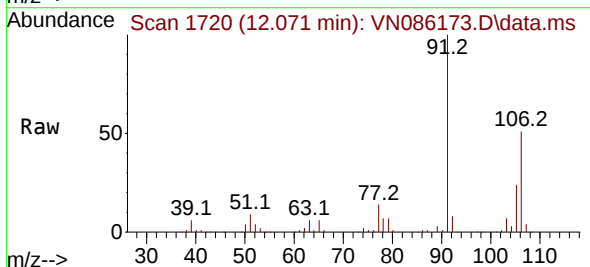
Tgt Ion: 91 Resp: 177140
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7

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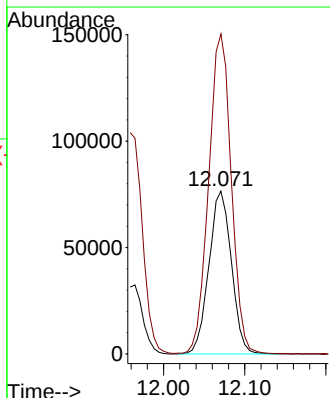
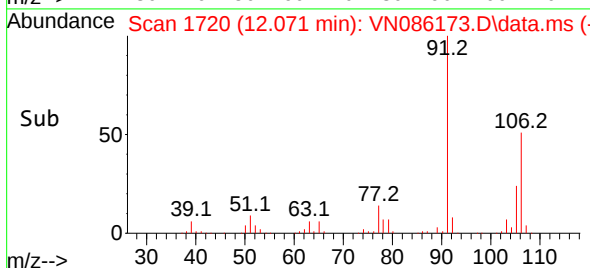
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

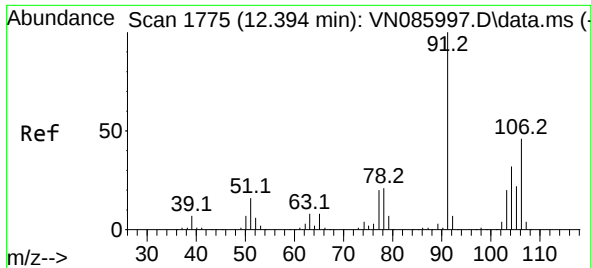


#68
m/p-Xylenes
Concen: 36.537 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



Tgt Ion:106 Resp: 147225
Ion Ratio Lower Upper
106 100
91 197.8 163.9 245.9





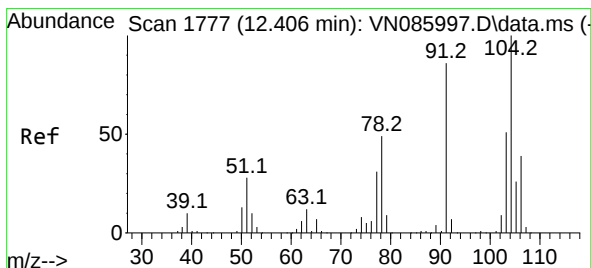
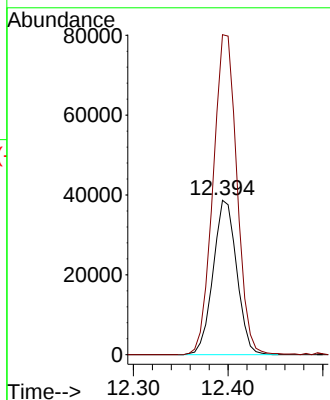
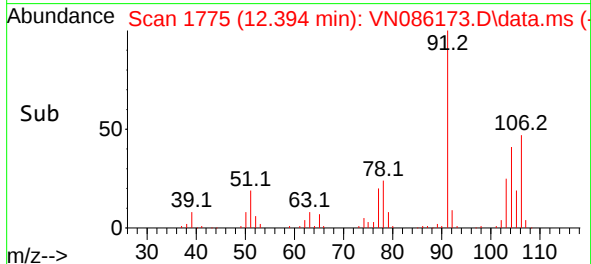
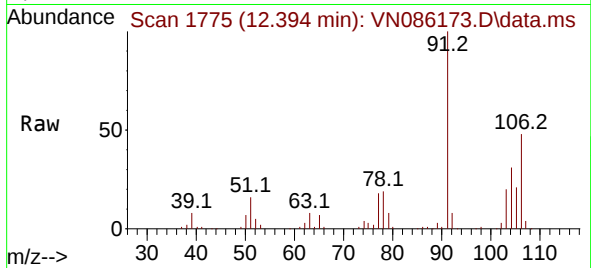
#69
o-Xylene
Concen: 18.085 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion:106 Resp: 6688
Ion Ratio Lower Upper
106 100
91 210.1 109.1 327.2

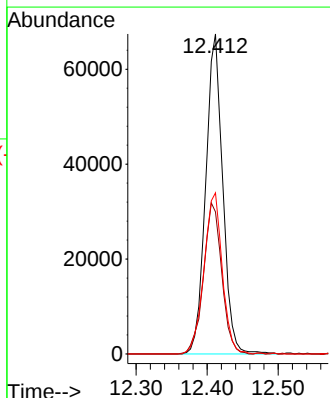
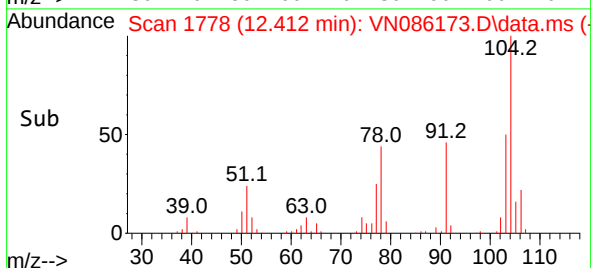
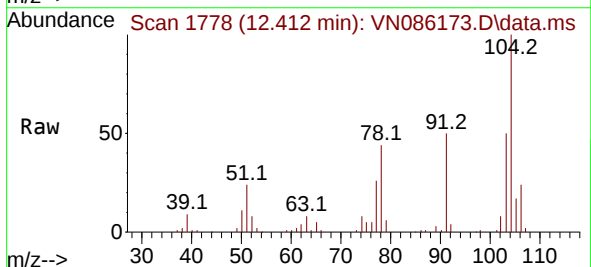
Manual Integrations
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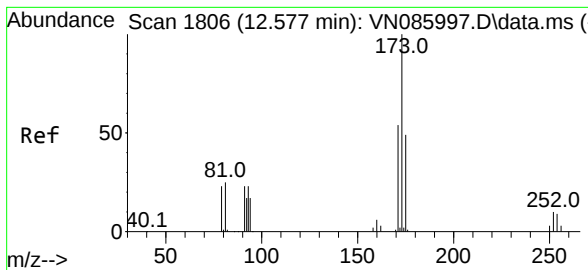
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#70
Styrene
Concen: 17.804 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion:104 Resp: 112466
Ion Ratio Lower Upper
104 100
78 50.5 41.4 62.2
103 54.1 42.9 64.3





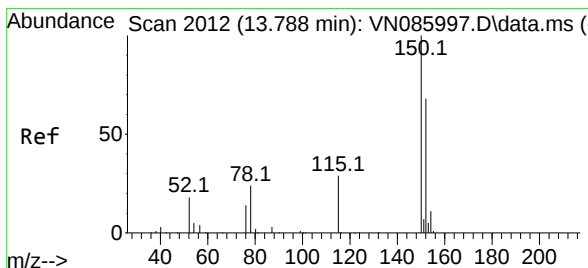
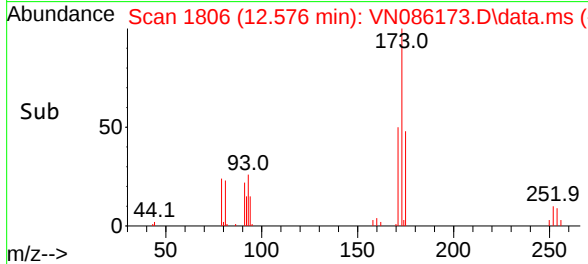
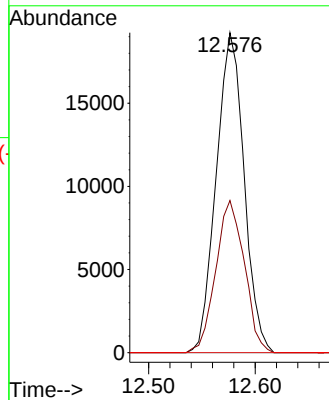
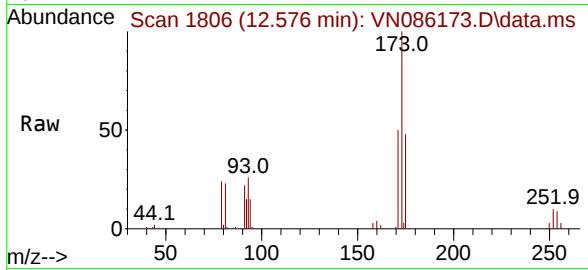
#71
Bromoform
Concen: 17.519 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion:173 Resp: 3489
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

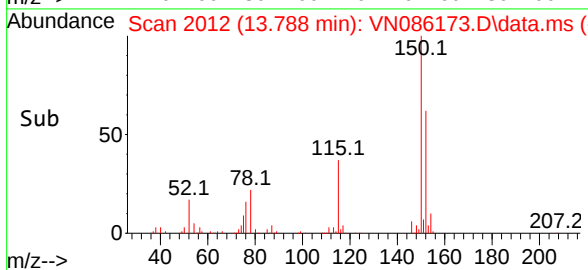
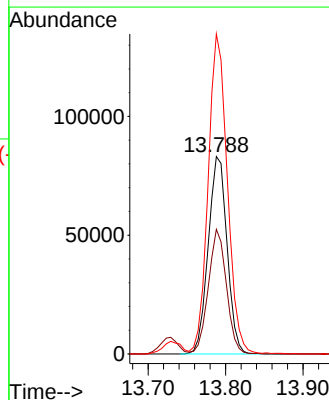
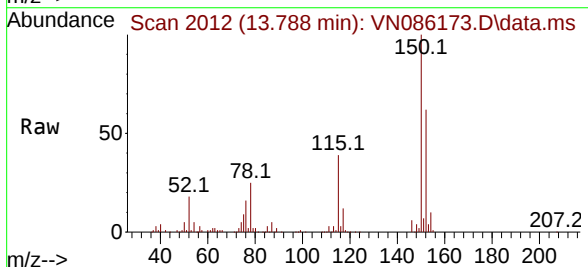
Manual Integrations
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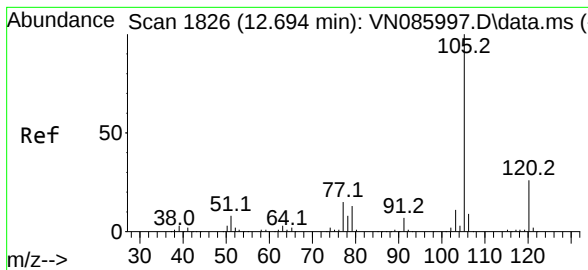
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion:152 Resp: 140310
Ion Ratio Lower Upper
152 100
115 60.5 31.1 93.2
150 165.1 0.0 359.6





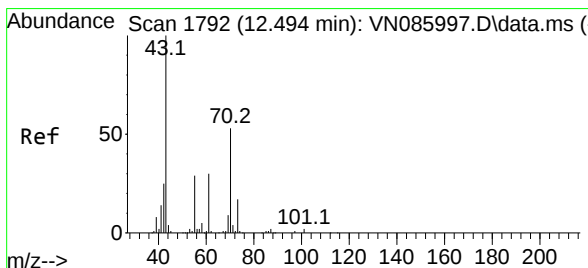
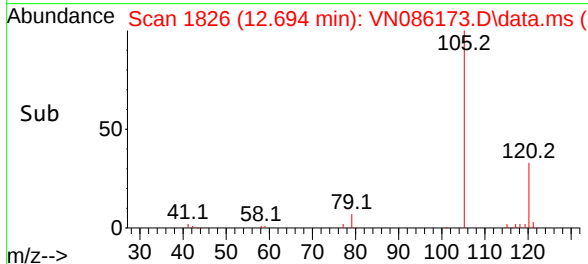
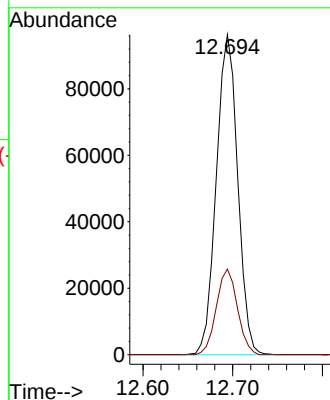
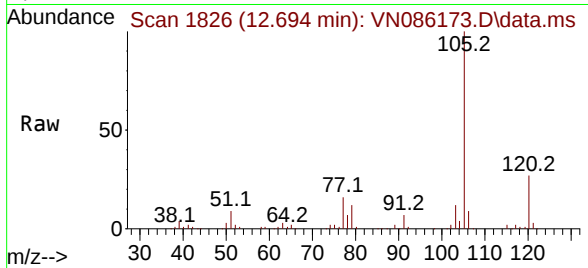
#73
Isopropylbenzene
Concen: 16.616 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion:105 Resp: 15920
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

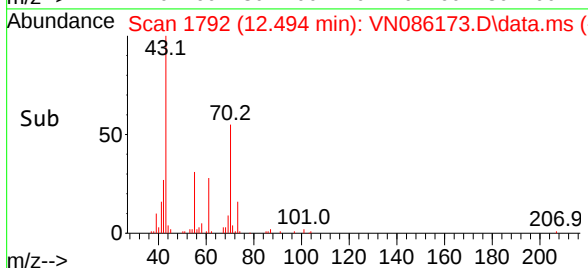
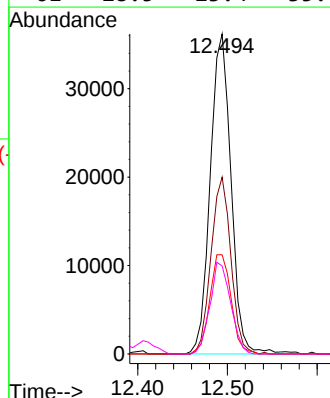
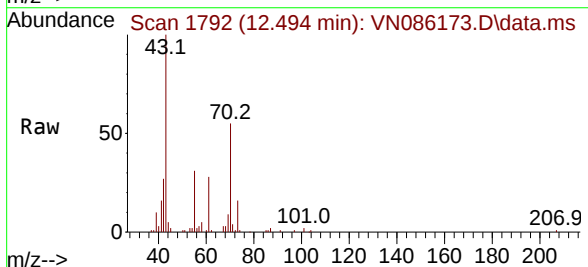
Manual Integrations
APPROVED

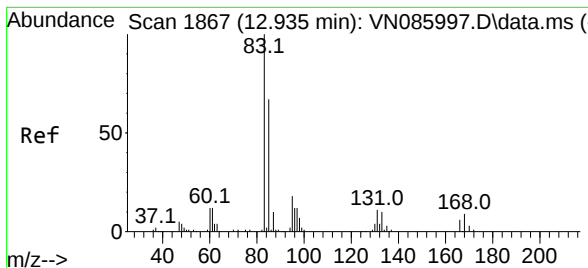
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#74
N-ethyl acetate
Concen: 18.139 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 43 Resp: 58149
Ion Ratio Lower Upper
43 100
70 52.9 43.0 64.4
55 31.8 23.8 35.8
61 28.5 23.4 35.0





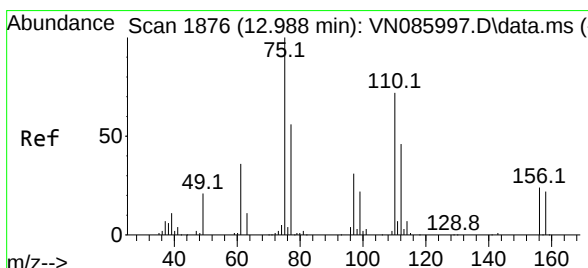
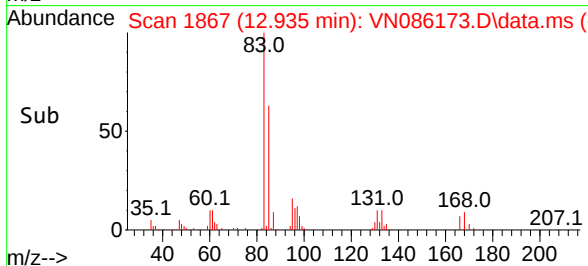
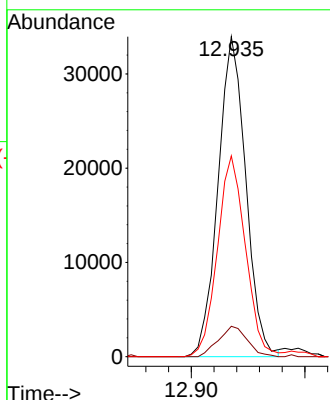
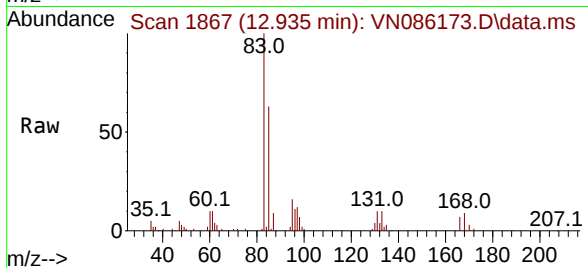
#75
1,1,2,2-Tetrachloroethane
Concen: 17.800 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion: 83 Resp: 5770
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.5 32.6 97.8

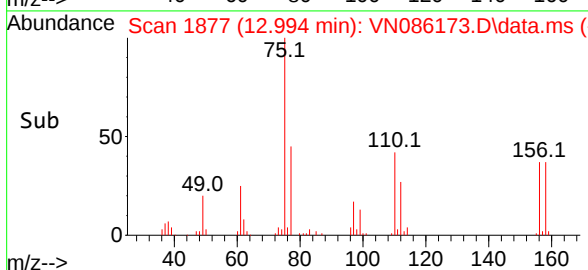
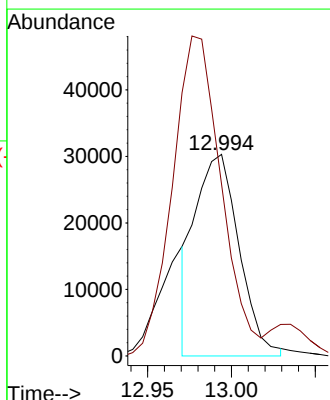
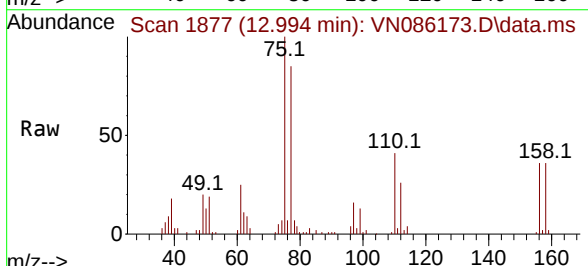
Manual Integrations
APPROVED

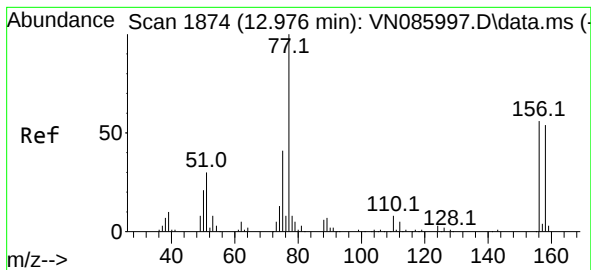
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#76
1,2,3-Trichloropropane
Concen: 17.474 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

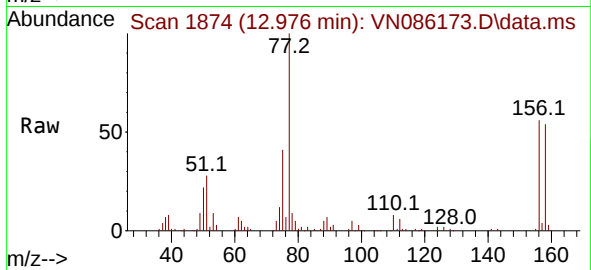
Tgt Ion: 75 Resp: 54892
Ion Ratio Lower Upper
75 100
77 177.4 83.7 251.0





#77
Bromobenzene
Concen: 17.528 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

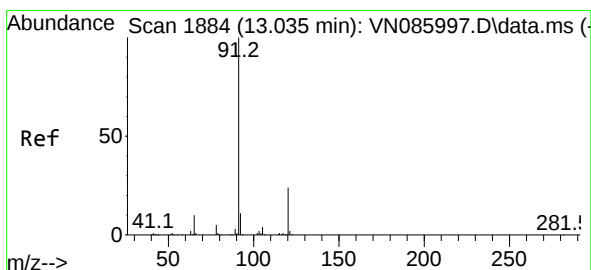
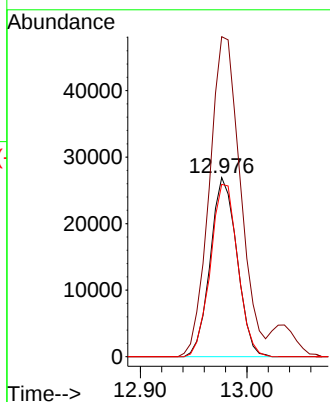
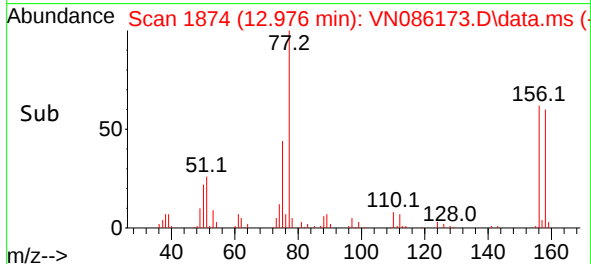
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



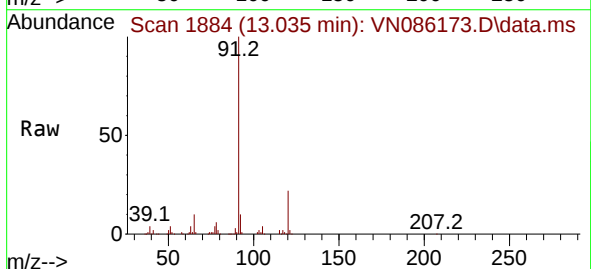
Tgt Ion:156 Resp: 46829
Ion Ratio Lower Upper
156 100
77 207.9 104.1 312.3
158 98.4 49.0 147.0

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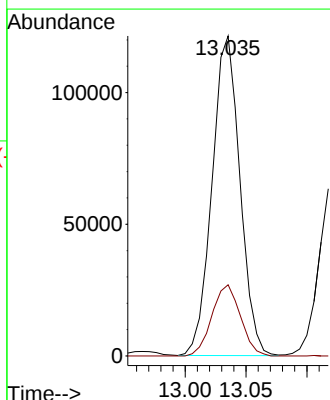
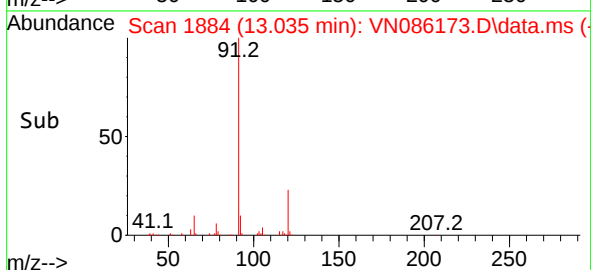
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

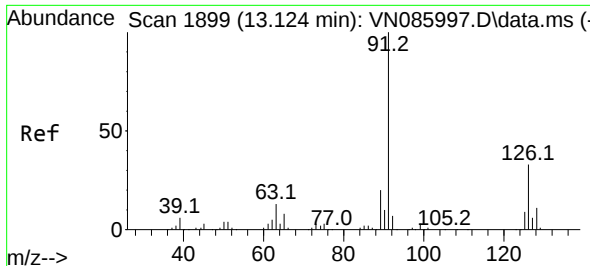


#78
n-propylbenzene
Concen: 17.820 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



Tgt Ion: 91 Resp: 193345
Ion Ratio Lower Upper
91 100
120 22.7 11.7 35.0





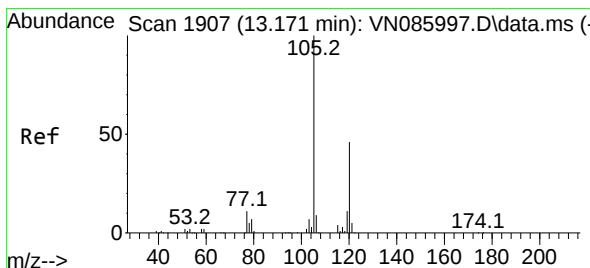
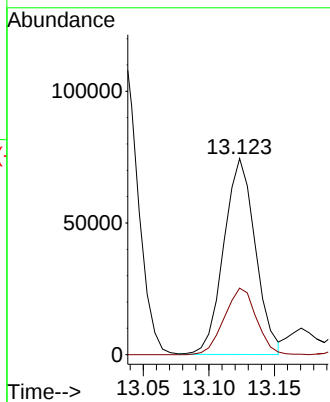
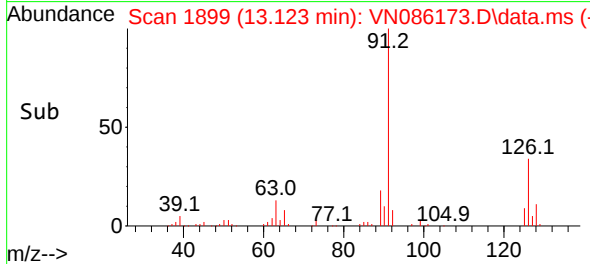
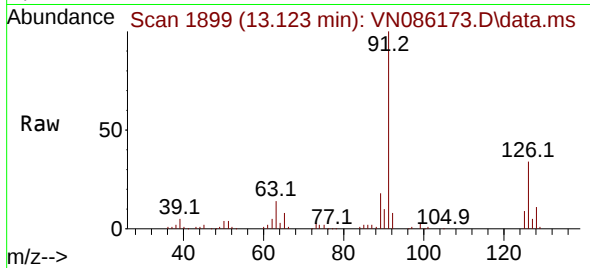
#79
2-Chlorotoluene
Concen: 17.319 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion: 91 Resp: 124812
Ion Ratio Lower Upper
91 100
126 34.5 16.4 49.2

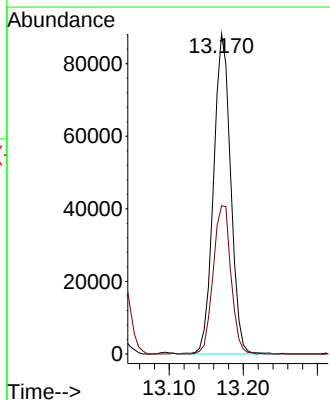
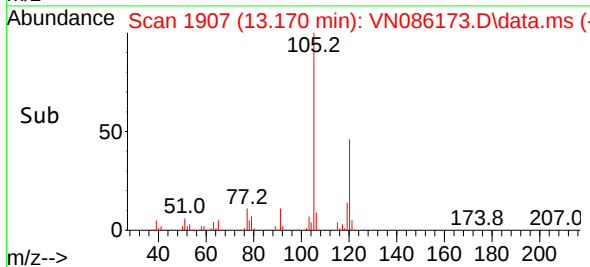
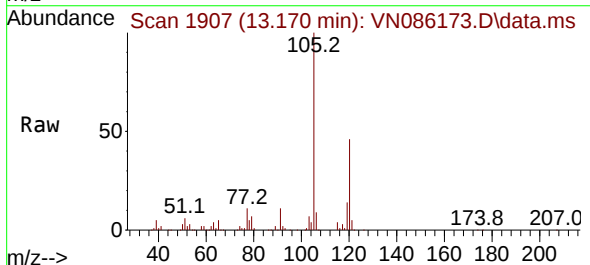
Manual Integrations
APPROVED

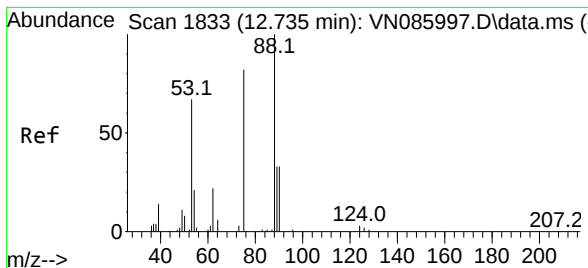
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.504 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

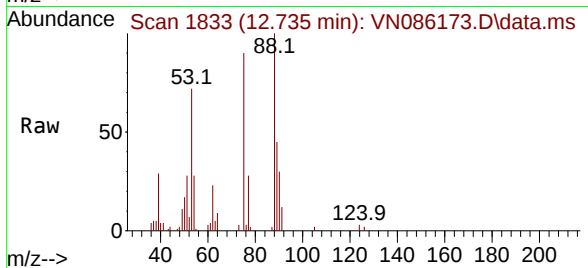
Tgt Ion:105 Resp: 141603
Ion Ratio Lower Upper
105 100
120 48.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 15.940 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

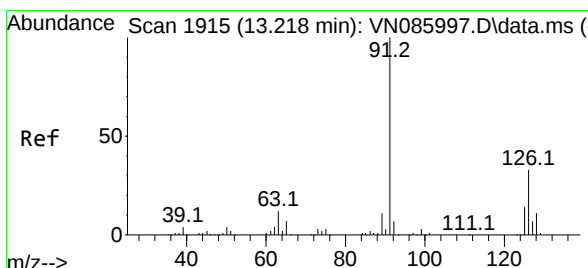
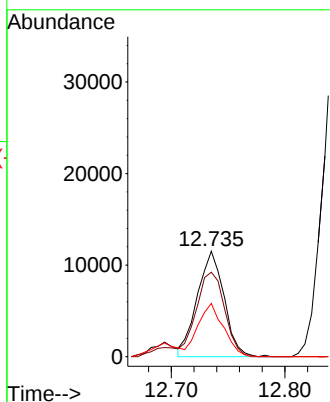
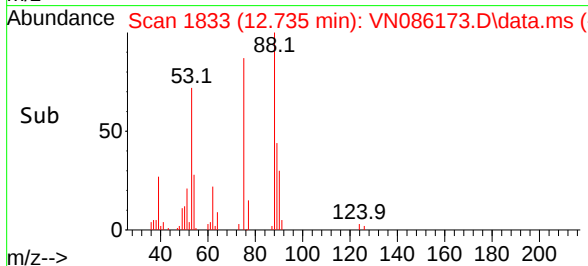
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



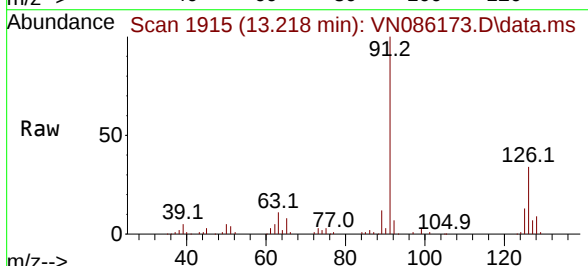
Tgt Ion: 75 Resp: 18939
Ion Ratio Lower Upper
75 100
53 93.2 66.0 99.0
89 47.5 36.9 55.3

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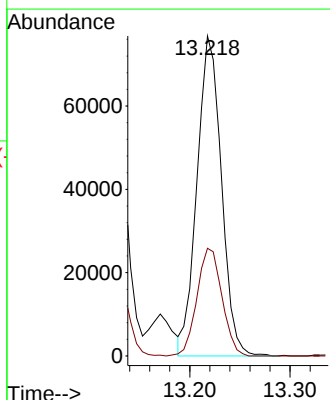
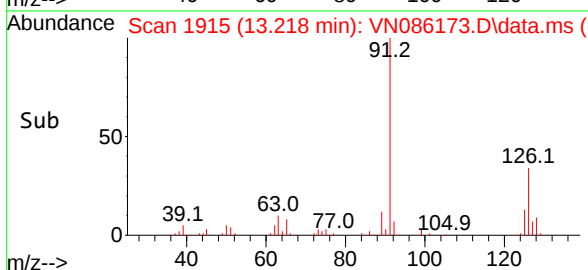
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

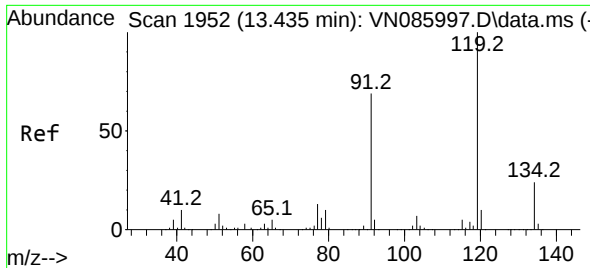


#82
4-Chlorotoluene
Concen: 17.551 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



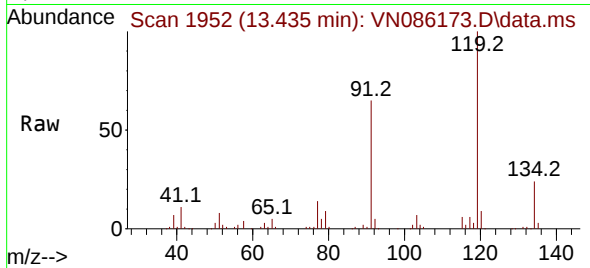
Tgt Ion: 91 Resp: 130069
Ion Ratio Lower Upper
91 100
126 34.4 16.1 48.2





#83
tert-Butylbenzene
Concen: 15.941 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

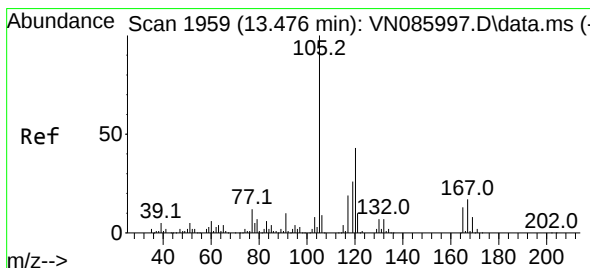
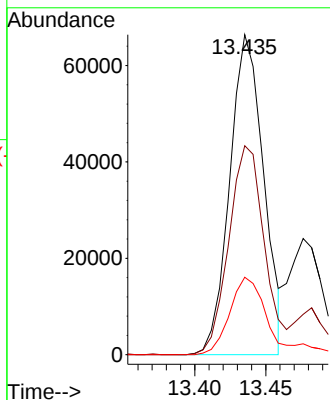
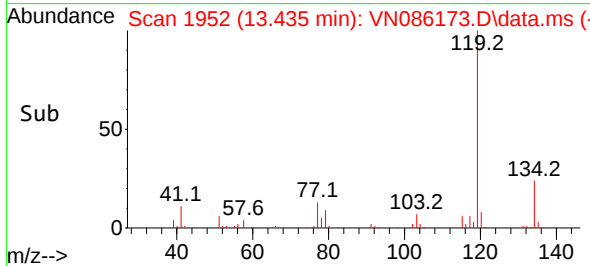
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



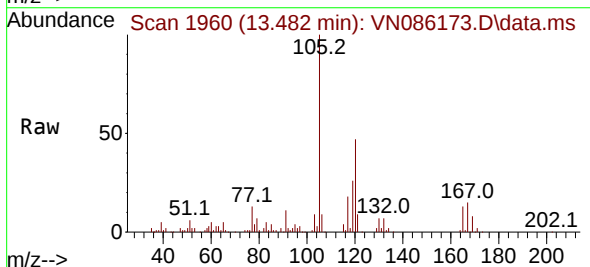
Tgt Ion:119 Resp: 110294
Ion Ratio Lower Upper
119 100
91 68.7 34.3 102.9
134 27.4 13.5 40.5

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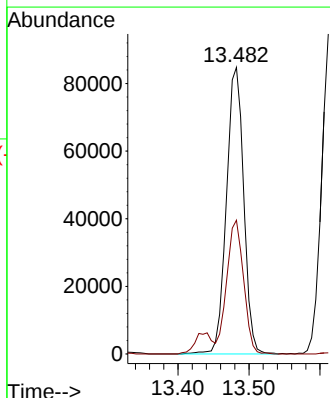
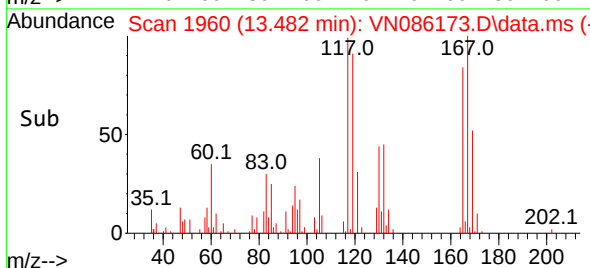
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

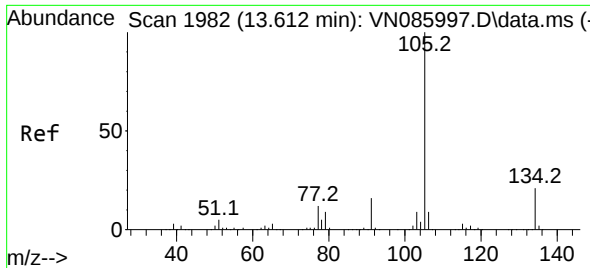


#84
1,2,4-Trimethylbenzene
Concen: 17.550 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



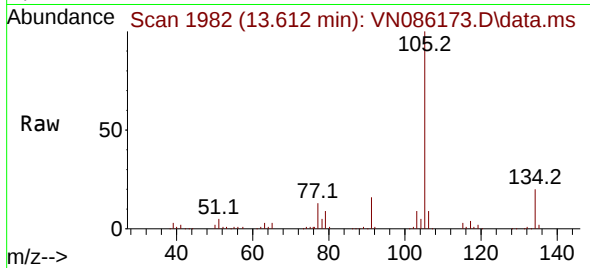
Tgt Ion:105 Resp: 143198
Ion Ratio Lower Upper
105 100
120 45.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 17.313 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086173.D
 Acq: 31 Mar 2025 16:38

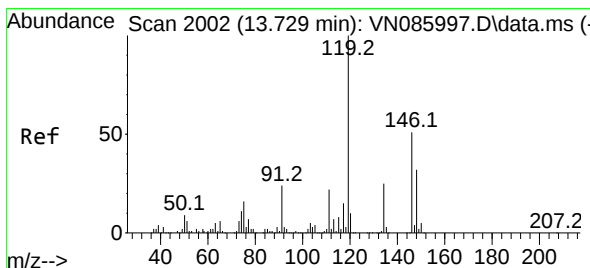
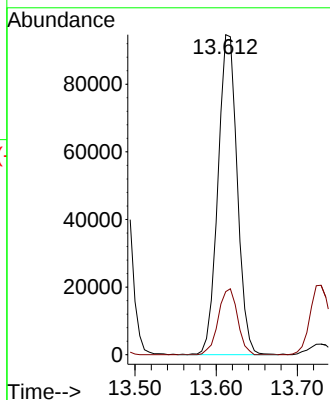
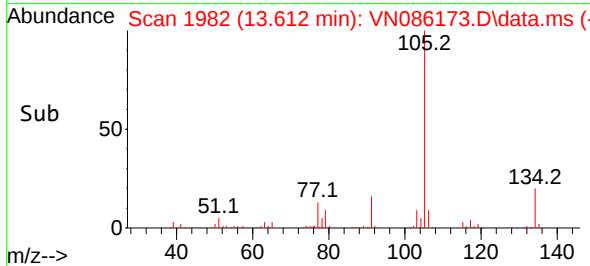
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331MBS01



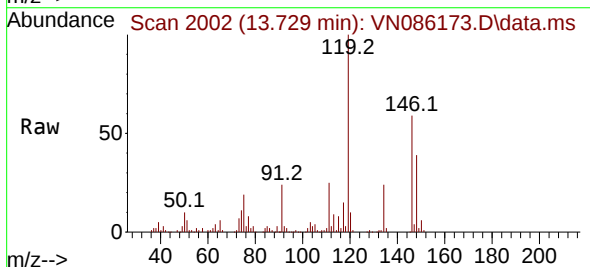
Tgt Ion:105 Resp: 156260
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

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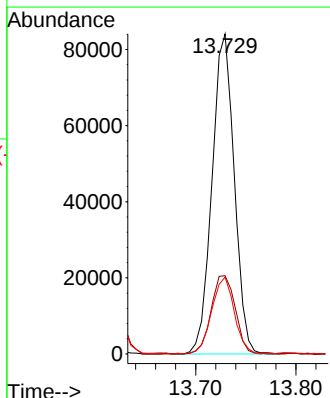
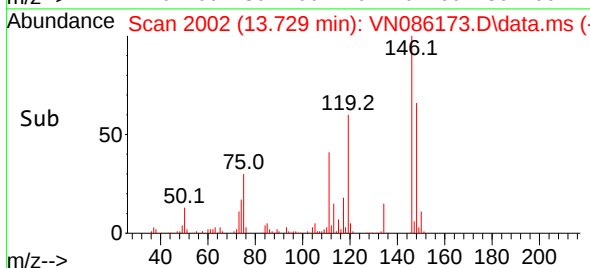
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025

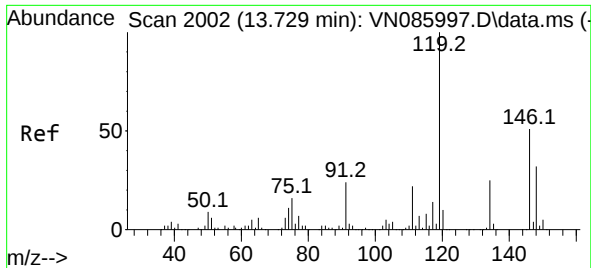


#86
 p-Isopropyltoluene
 Concen: 16.917 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086173.D
 Acq: 31 Mar 2025 16:38



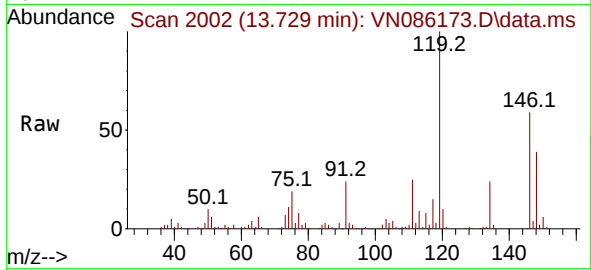
Tgt Ion:119 Resp: 129254
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 24.6 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 18.127 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

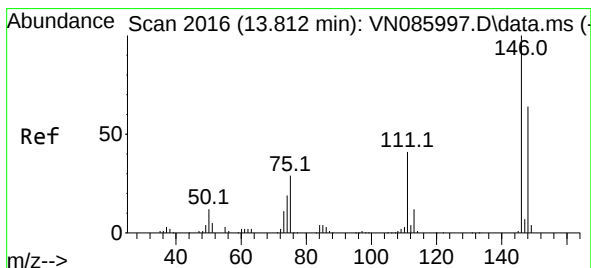
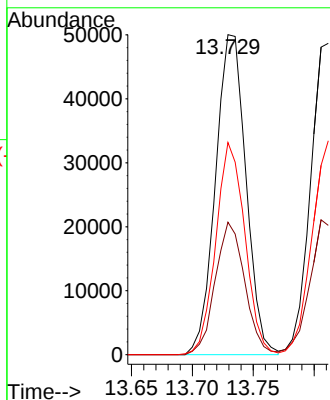
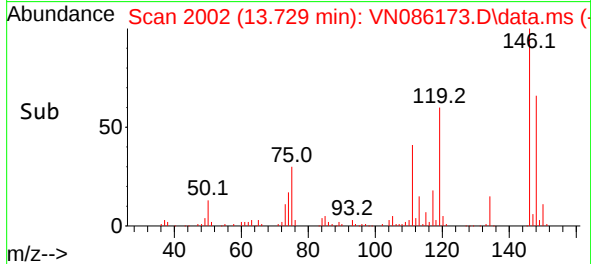
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



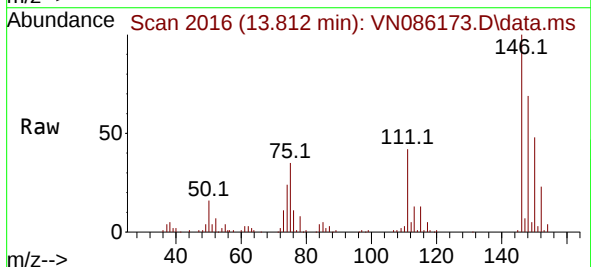
Tgt Ion:146 Resp: 8729
Ion Ratio Lower Upper
146 100
111 40.1 21.2 63.6
148 63.2 31.8 95.4

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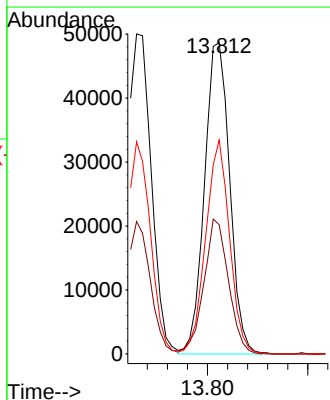
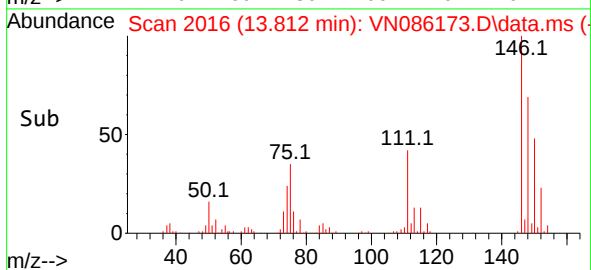
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

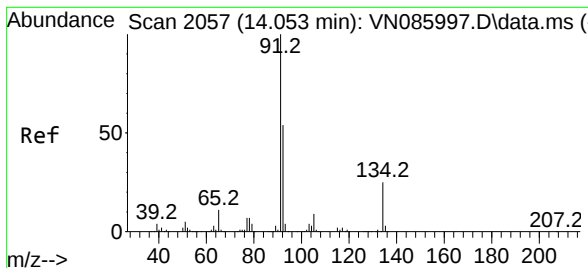


#88
1,4-Dichlorobenzene
Concen: 16.772 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



Tgt Ion:146 Resp: 84864
Ion Ratio Lower Upper
146 100
111 42.5 20.4 61.3
148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 16.047 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN0331MBS01

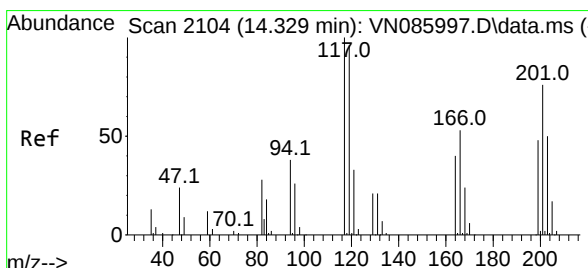
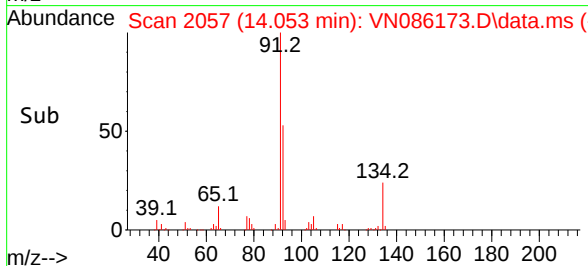
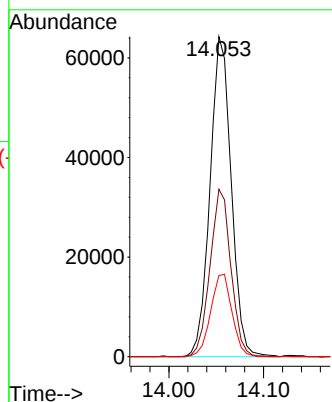
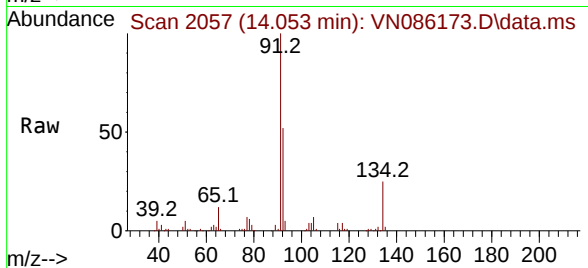
Tgt Ion:	91	Resp:	9984
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.9	80.6
134	25.9	13.0	39.0

Manual Integrations

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Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#90

Hexachloroethane

Concen: 17.027 ug/l

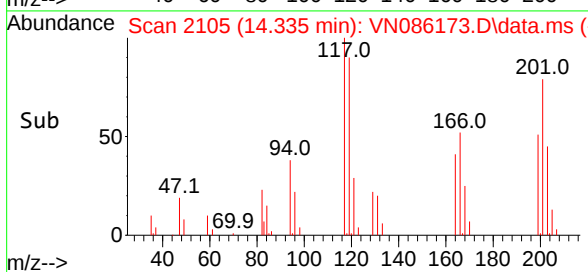
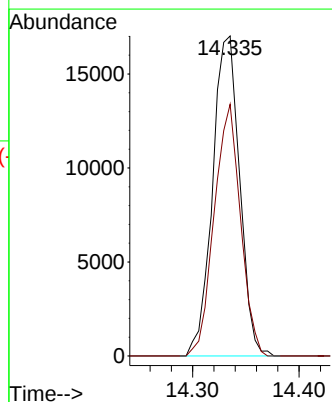
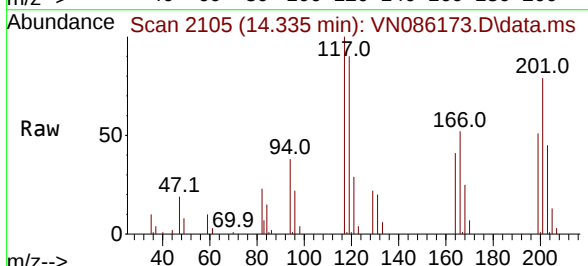
RT: 14.335 min Scan# 2105

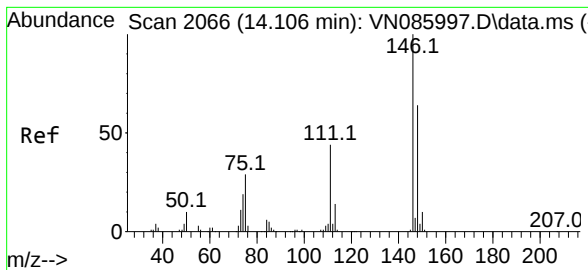
Delta R.T. 0.006 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

Tgt Ion:	117	Resp:	30017
Ion	Ratio	Lower	Upper
117	100		
201	76.4	39.1	117.3





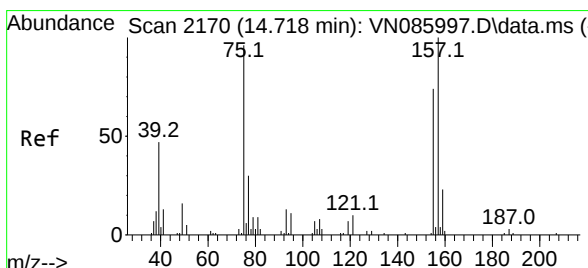
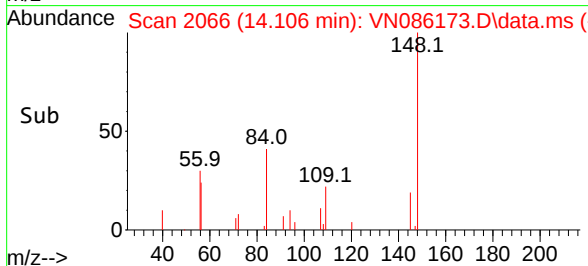
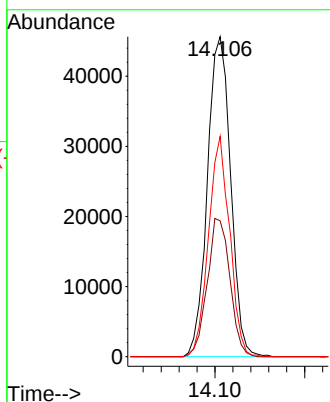
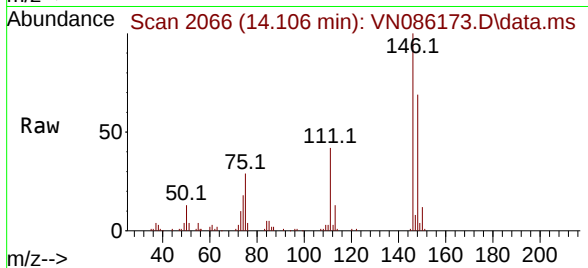
#91
1,2-Dichlorobenzene
Concen: 17.125 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01

Tgt Ion:146 Resp: 81985
Ion Ratio Lower Upper
146 100
111 42.2 22.3 66.8
148 62.8 32.1 96.5

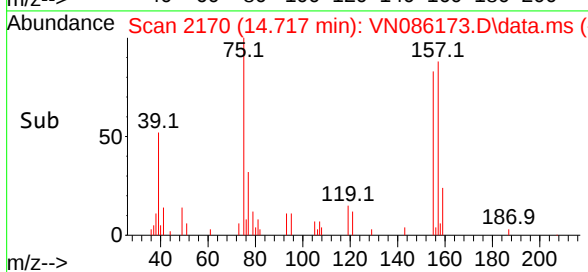
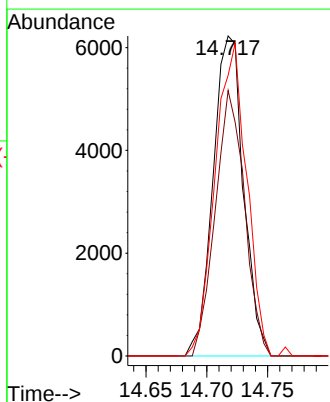
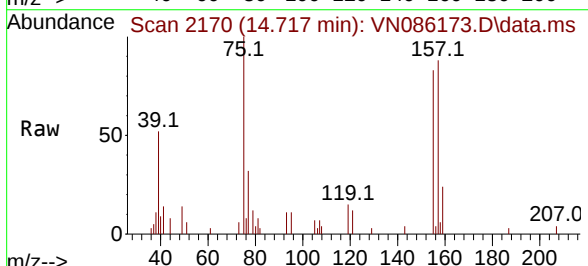
Manual Integrations
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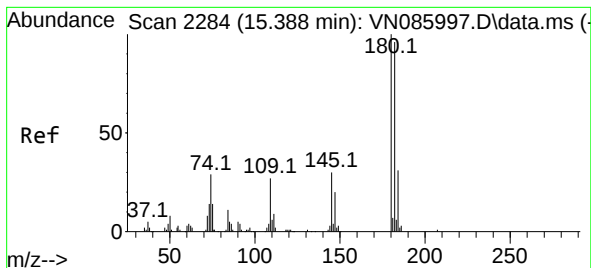
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.752 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

Tgt Ion: 75 Resp: 10840
Ion Ratio Lower Upper
75 100
155 79.9 41.0 123.0
157 101.2 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 14.753 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

Instrument :

MSVOA_N

ClientSampleId :

VN0331MBS01

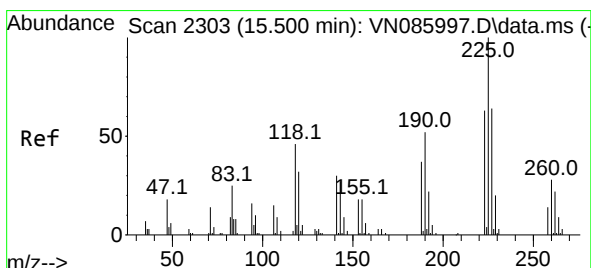
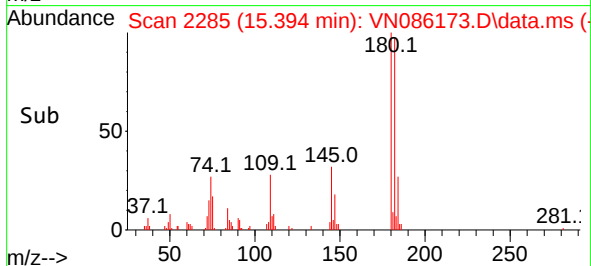
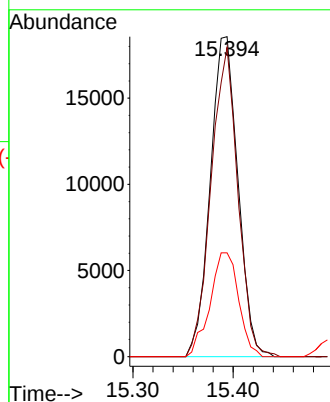
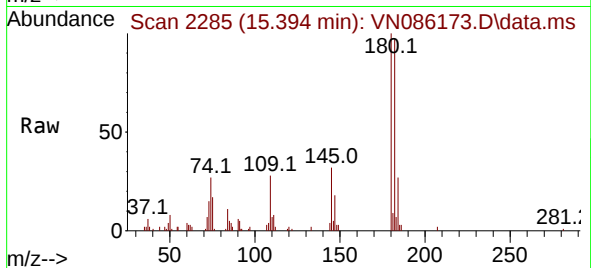
Tgt Ion:180	Resp:	3551
Ion Ratio	Lower	Upper
180	100	
182	93.5	47.0 141.0
145	33.6	15.5 46.5

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#94

Hexachlorobutadiene

Concen: 14.998 ug/l

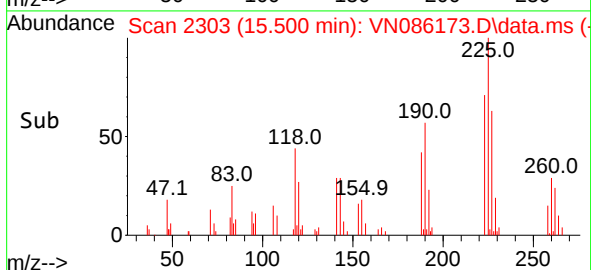
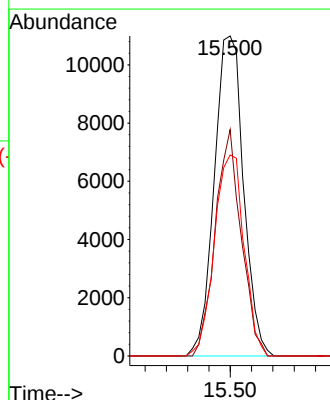
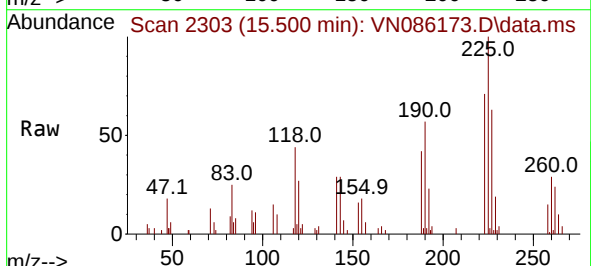
RT: 15.500 min Scan# 2303

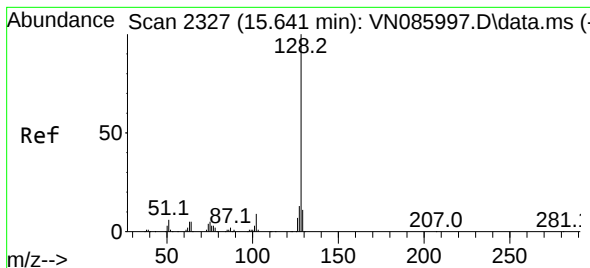
Delta R.T. -0.000 min

Lab File: VN086173.D

Acq: 31 Mar 2025 16:38

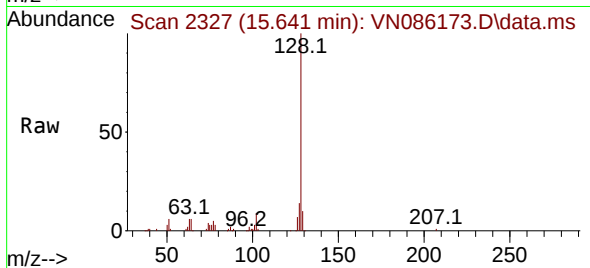
Tgt Ion:225	Resp:	20945
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.3 93.9
227	63.8	32.1 96.3





#95
Naphthalene
Concen: 13.721 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38

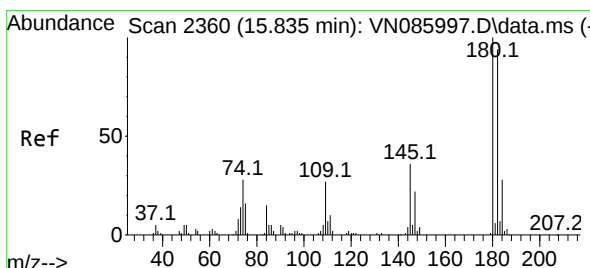
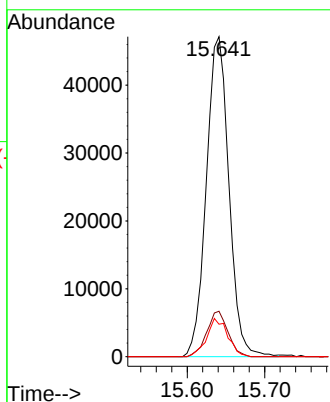
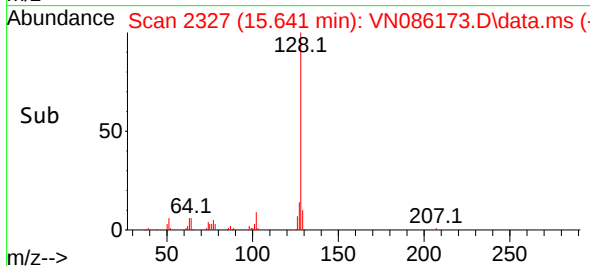
Instrument :
MSVOA_N
ClientSampleId :
VN0331MBS01



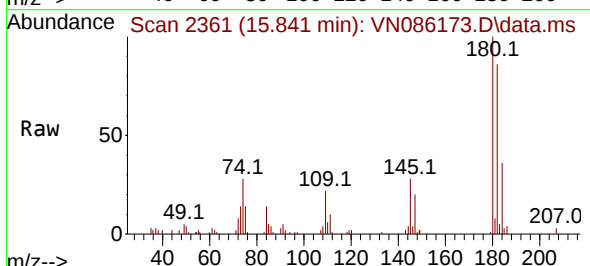
Tgt Ion:128 Resp: 9564
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.1 9.0 13.6

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Supervised By :Mahesh Dadoda 04/01/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.561 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086173.D
Acq: 31 Mar 2025 16:38



Tgt Ion:180 Resp: 35543
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 33.4 17.7 53.1

