

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086164.D
 Acq On : 28 Mar 2025 20:42
 Operator : JC\MD
 Sample : Q1664-06MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-001-01MSD

Quant Time: Mar 28 23:40:57 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

Manual Integrations APPROVED

Reviewed By : John Carlone 03/31/2025
 Supervised By : Mahesh Dadoda 03/31/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	211032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	165361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139967	48.436	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.880%		
35) Dibromofluoromethane	8.165	113	98177	41.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.840%		
50) Toluene-d8	10.565	98	445431	51.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.540%		
62) 4-Bromofluorobenzene	12.847	95	161458	52.623	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	127192	45.493	ug/l	98
3) Chloromethane	2.359	50	116321	47.458	ug/l	97
4) Vinyl Chloride	2.512	62	120703	48.164	ug/l	99
5) Bromomethane	2.948	94	74985	43.926	ug/l	98
6) Chloroethane	3.112	64	64005	40.484	ug/l	98
7) Trichlorofluoromethane	3.501	101	178447	39.610	ug/l	99
8) Diethyl Ether	3.959	74	72670	52.692	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	121188	50.614	ug/l	99
10) Methyl Iodide	4.589	142	158899	50.932	ug/l	99
11) Tert butyl alcohol	5.512	59	83937	205.156	ug/l	98
12) 1,1-Dichloroethene	4.336	96	115856	53.587	ug/l	97
13) Acrolein	4.177	56	90073	206.411	ug/l	98
14) Allyl chloride	5.018	41	135720	50.318	ug/l	98
15) Acrylonitrile	5.718	53	285641	264.353	ug/l	99
16) Acetone	4.424	43	253604	287.258	ug/l	98
17) Carbon Disulfide	4.712	76	312709	43.980	ug/l	100
18) Methyl Acetate	5.024	43	138411	63.366	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	371659	52.460	ug/l	98
20) Methylene Chloride	5.277	84	141769	54.892	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	122782	51.966	ug/l	98
22) Diisopropyl ether	6.671	45	303286	52.766	ug/l	99
23) Vinyl Acetate	6.671	43	165978	38.093	ug/l #	66
24) 1,1-Dichloroethane	6.565	63	221680	52.448	ug/l	99
25) 2-Butanone	7.483	43	340080	266.962	ug/l	96
26) 2,2-Dichloropropane	7.489	77	160675	39.486	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	145644	54.244	ug/l	98
28) Bromochloromethane	7.812	49	99124	55.354	ug/l	93
29) Tetrahydrofuran	7.836	42	221840	282.076	ug/l	94
30) Chloroform	7.965	83	241165	51.621	ug/l	100
31) Cyclohexane	8.253	56	186803	51.880	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	219727	49.686	ug/l	99
36) 1,1-Dichloropropene	8.371	75	163612	52.417	ug/l	99
37) Ethyl Acetate	7.559	43	120762	45.859	ug/l	98
38) Carbon Tetrachloride	8.359	117	202403	49.318	ug/l	99
39) Methylcyclohexane	9.600	83	166661	53.817	ug/l	96
40) Benzene	8.606	78	527165	53.800	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75956	60.406	ug/l	92
42) 1,2-Dichloroethane	8.665	62	166260	48.695	ug/l	98
43) Isopropyl Acetate	8.683	43	225330	39.488	ug/l	99
44) Trichloroethene	9.347	130	187133	73.686	ug/l	97
45) 1,2-Dichloropropane	9.618	63	125905	56.494	ug/l	97
46) Dibromomethane	9.706	93	91354	52.122	ug/l	99
47) Bromodichloromethane	9.883	83	191064	52.160	ug/l	99
48) Methyl methacrylate	9.677	41	97891	51.987	ug/l	96
49) 1,4-Dioxane	9.694	88	46544	1045.620	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	713371	283.468	ug/l	97
52) Toluene	10.630	92	338846	56.343	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	186698	52.481	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	201114	53.583	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	125256	54.569	ug/l	98
56) Ethyl methacrylate	10.871	69	179897	50.201	ug/l	98
57) 1,3-Dichloropropane	11.159	76	213787	54.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	416791	293.456	ug/l	98
59) 2-Hexanone	11.194	43	536279	292.519	ug/l	97
60) Dibromochloromethane	11.353	129	155904	52.636	ug/l	98
61) 1,2-Dibromoethane	11.465	107	125166	53.116	ug/l	99
64) Tetrachloroethene	11.100	164	200899	80.742	ug/l	98
65) Chlorobenzene	11.888	112	362817	50.833	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	135988	51.254	ug/l	99
67) Ethyl Benzene	11.959	91	619894	54.295	ug/l	99
68) m/p-Xylenes	12.071	106	497659	110.900	ug/l	99
69) o-Xylene	12.394	106	235729	57.235	ug/l	97
70) Styrene	12.406	104	403513	57.360	ug/l	99
71) Bromoform	12.576	173	106894	48.194	ug/l #	99
73) Isopropylbenzene	12.694	105	581850	51.526	ug/l	99
74) N-amyl acetate	12.488	43	183222	48.497	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	67661	17.711	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	164661m	44.478	ug/l	
77) Bromobenzene	12.976	156	152223	48.344	ug/l	99
78) n-propylbenzene	13.035	91	688082	53.812	ug/l	99
79) 2-Chlorotoluene	13.123	91	439506	51.748	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	505392	53.010	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	66221	47.291	ug/l	96
82) 4-Chlorotoluene	13.218	91	441745	50.578	ug/l	98
83) tert-Butylbenzene	13.435	119	413107	50.663	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	515282	53.586	ug/l	99
85) sec-Butylbenzene	13.612	105	578990	54.431	ug/l	99
86) p-Isopropyltoluene	13.723	119	491467	54.580	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	285296	50.267	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	283074	47.471	ug/l	99
89) n-Butylbenzene	14.053	91	395798	53.978	ug/l	98
90) Hexachloroethane	14.329	117	95068	45.756	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	274237	48.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33782	44.299	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	134893	47.549	ug/l	99
94) Hexachlorobutadiene	15.494	225	69127	41.999	ug/l	99
95) Naphthalene	15.635	128	397198	48.351	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	134358	49.911	ug/l	98

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

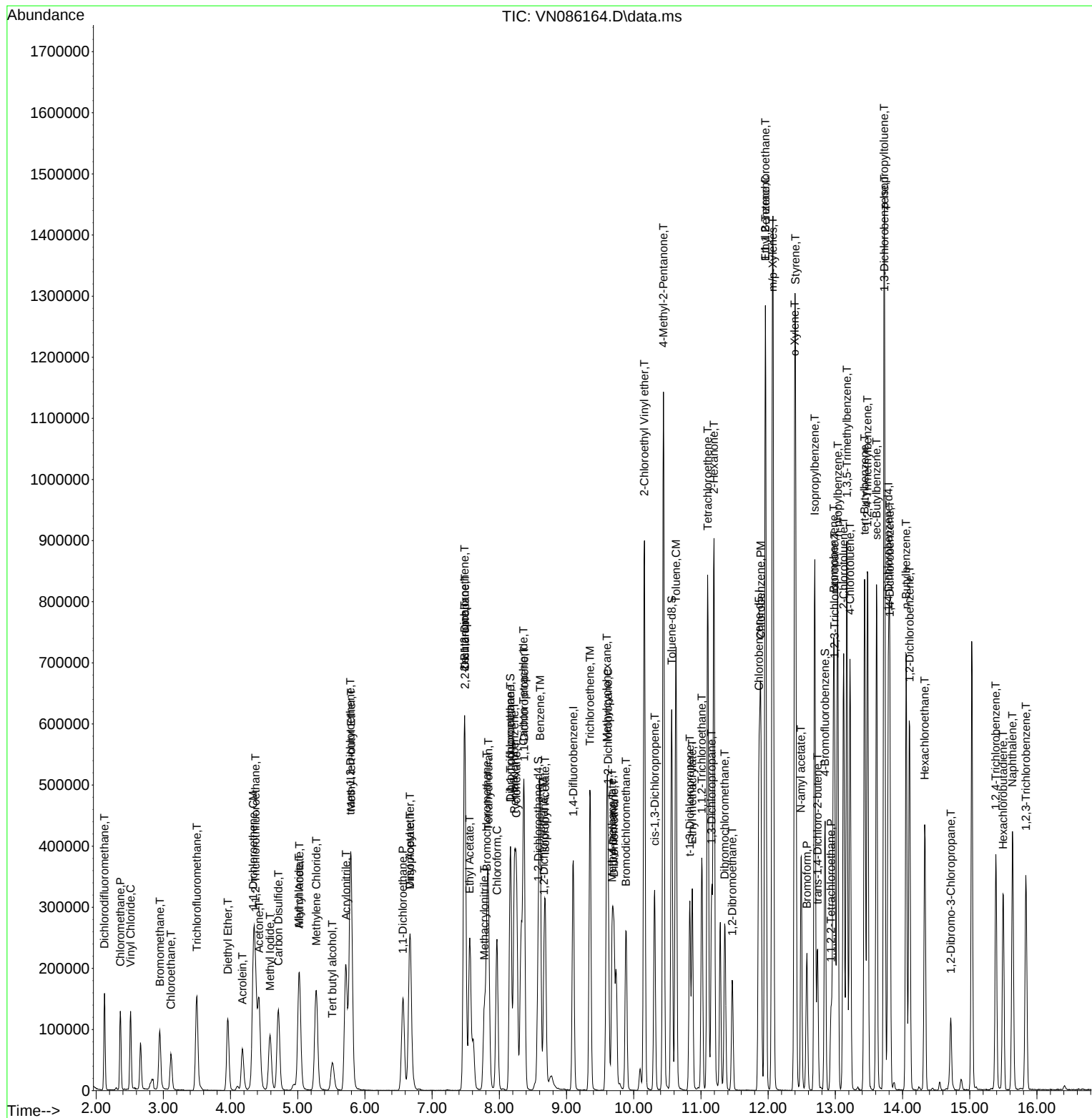
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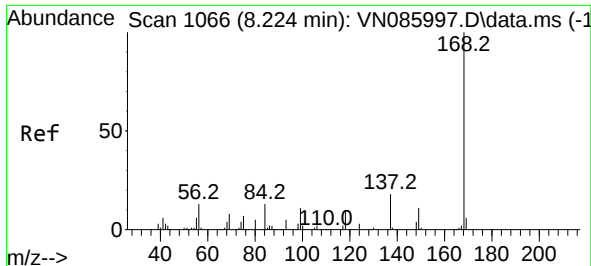
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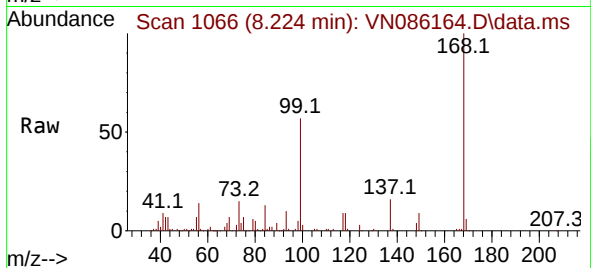
Reviewed By : John Carlone 03/31/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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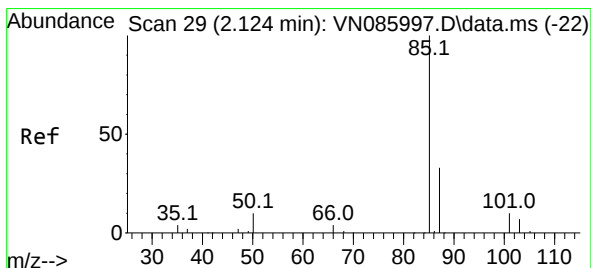
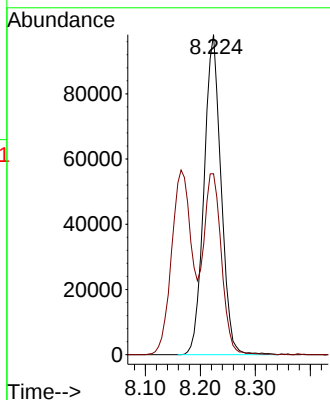
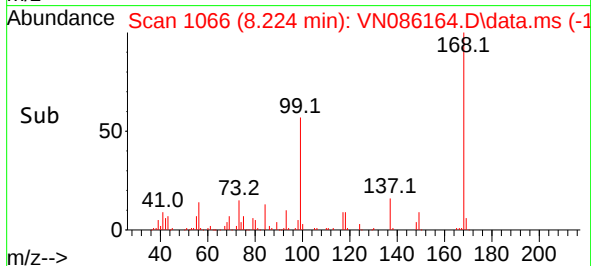
Instrument :
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ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion:168 Resp: 21103
Ion Ratio Lower Upper
168 100
99 56.5 49.4 74.2

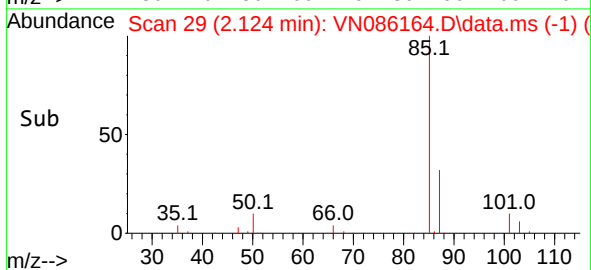
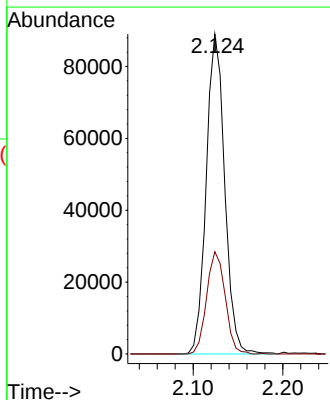
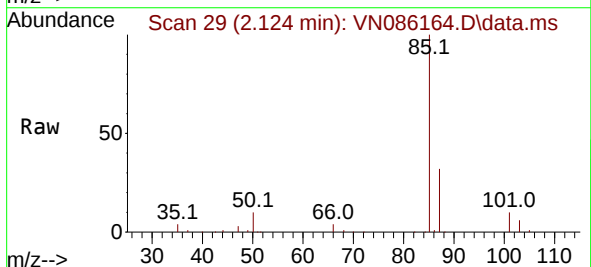
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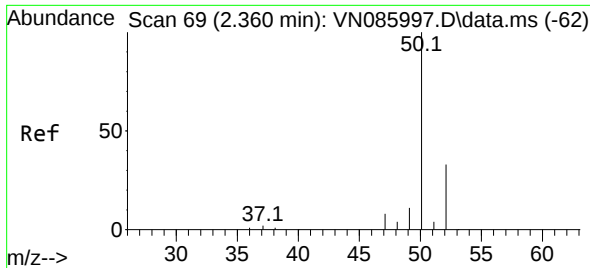
Reviewed By :John Carlone 03/31/2025
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#2
Dichlorodifluoromethane
Concen: 45.493 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Tgt Ion: 85 Resp: 127192
Ion Ratio Lower Upper
85 100
87 31.9 16.5 49.5





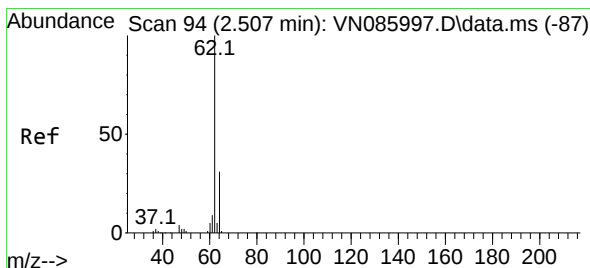
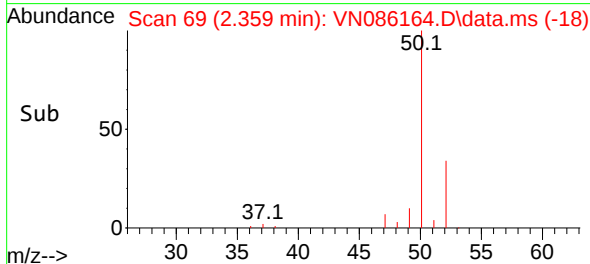
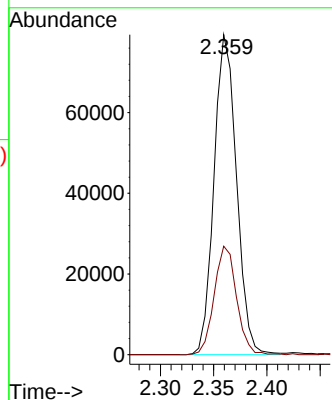
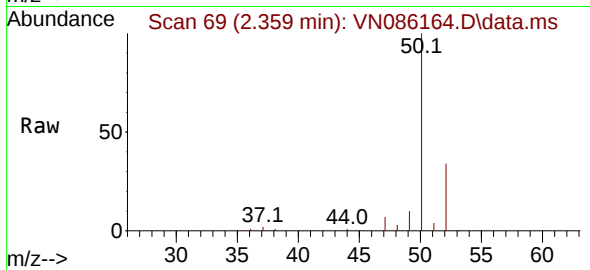
#3
Chloromethane
Concen: 47.458 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

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Tgt Ion: 50 Resp: 11632
Ion Ratio Lower Upper
50 100
52 33.9 26.0 39.0

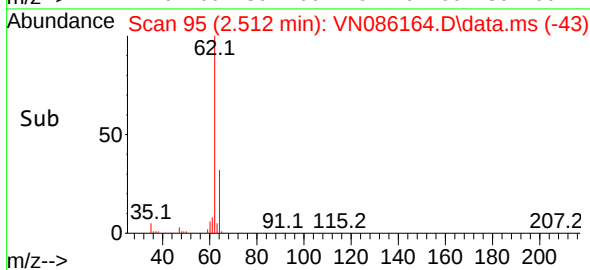
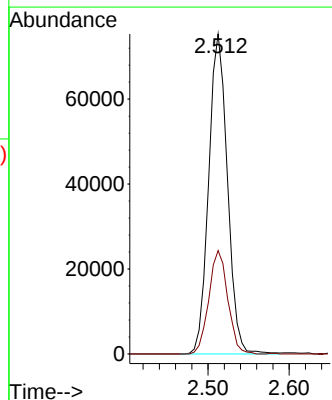
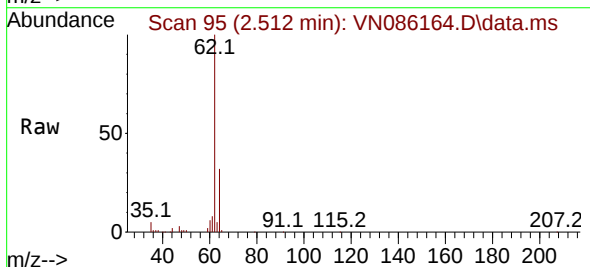
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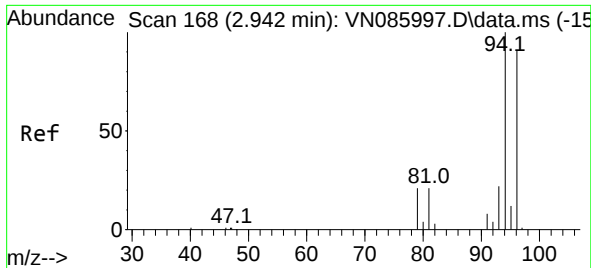
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#4
Vinyl Chloride
Concen: 48.164 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Tgt Ion: 62 Resp: 120703
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8





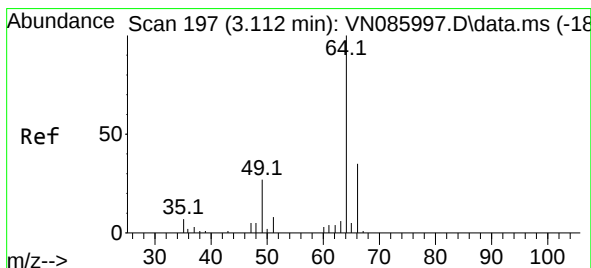
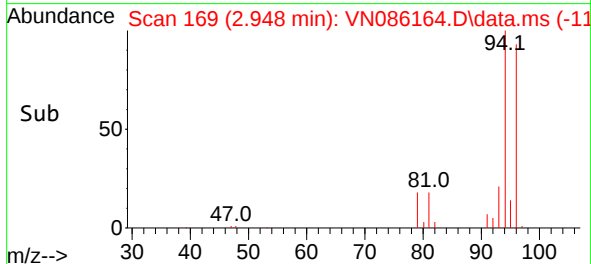
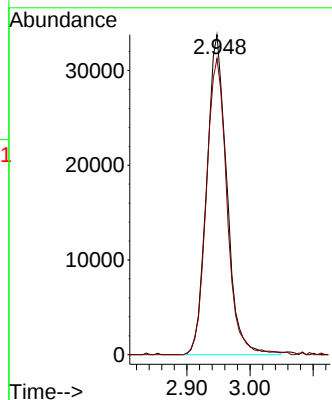
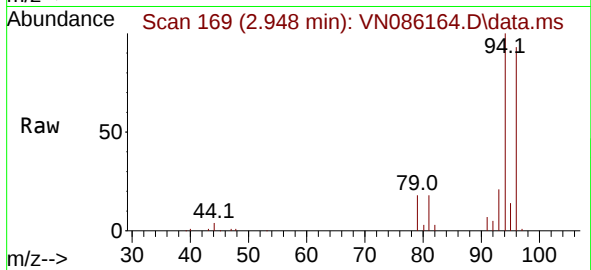
#5
Bromomethane
Concen: 43.926 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 74985
Ion Ratio Lower Upper
94 100
96 92.5 72.8 109.2

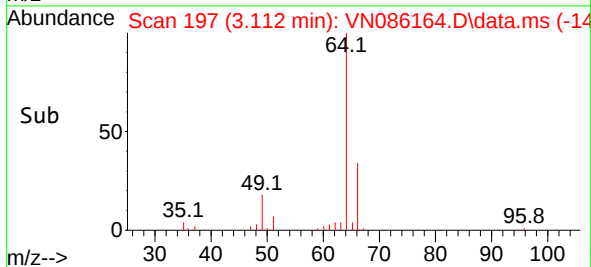
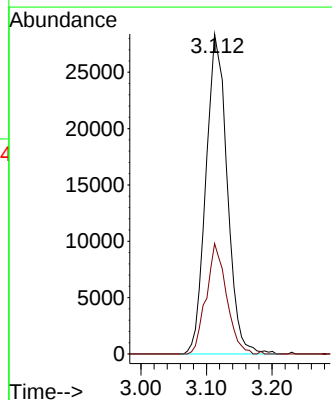
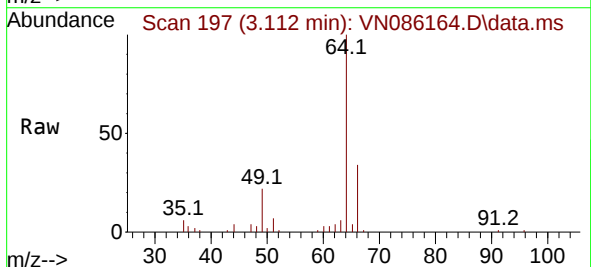
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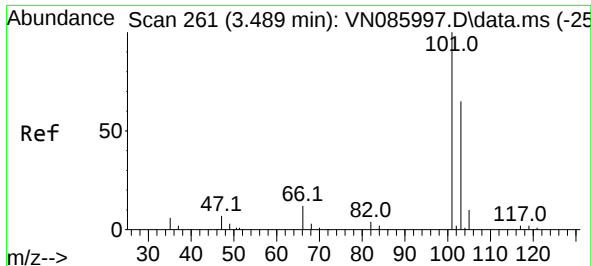
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#6
Chloroethane
Concen: 40.484 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

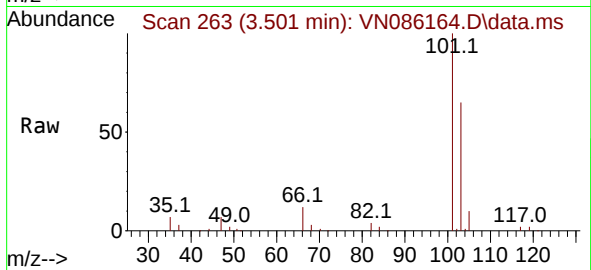
Tgt Ion: 64 Resp: 64005
Ion Ratio Lower Upper
64 100
66 34.5 28.3 42.5





#7
Trichlorofluoromethane
Concen: 39.610 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.012 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

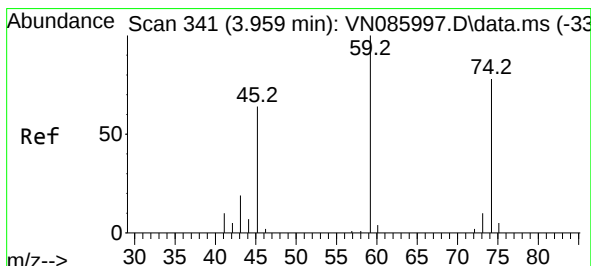
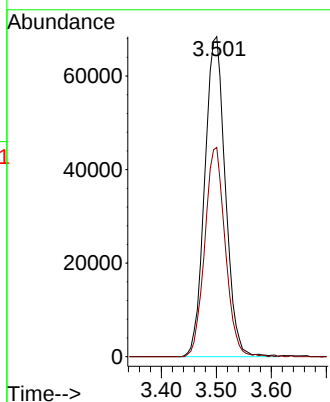
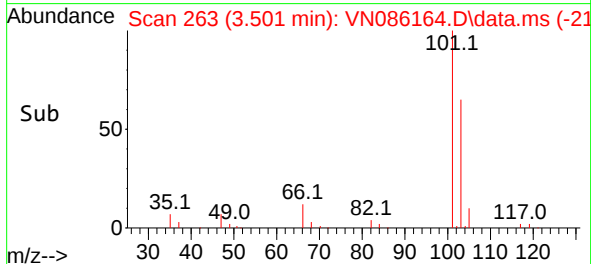
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Tgt Ion:101 Resp: 17844
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5

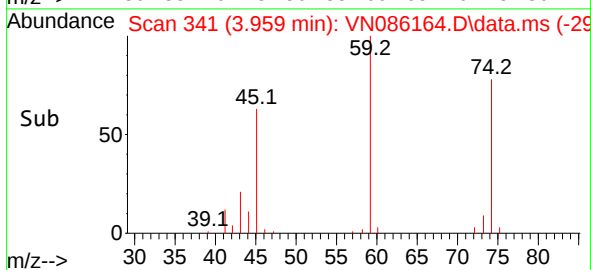
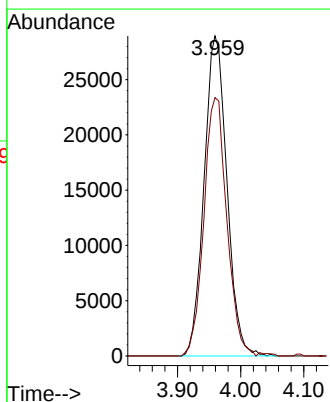
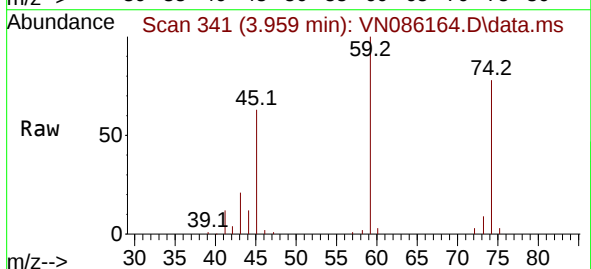
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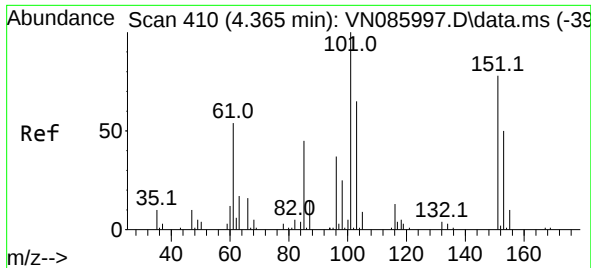
Reviewed By :John Carlone 03/31/2025
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#8
Diethyl Ether
Concen: 52.692 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Tgt Ion: 74 Resp: 72670
Ion Ratio Lower Upper
74 100
45 81.2 38.0 113.9





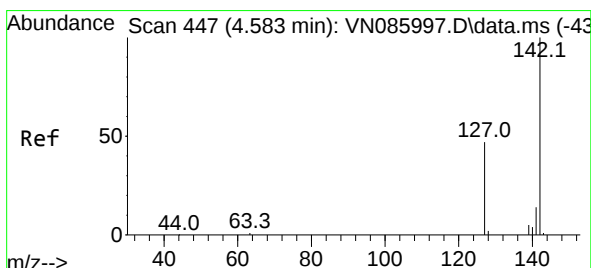
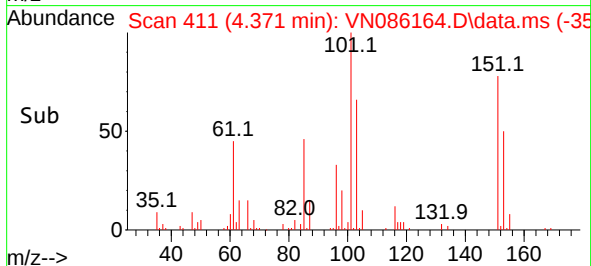
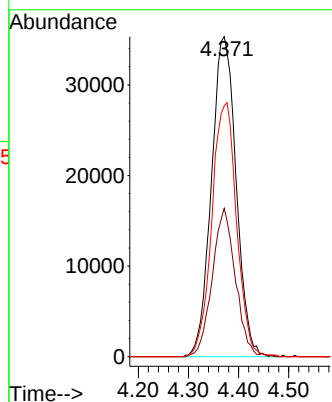
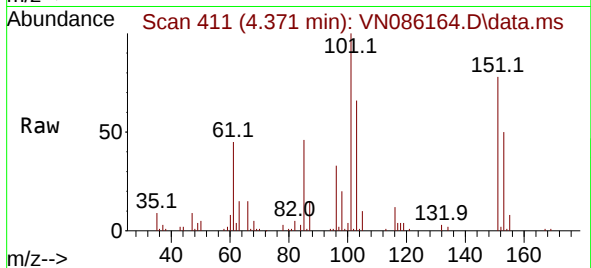
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.614 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD

Tgt Ion:101 Resp: 12118
Ion Ratio Lower Upper
101 100
85 43.3 36.5 54.7
151 79.1 63.4 95.0

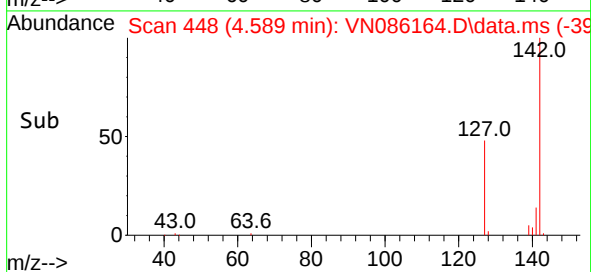
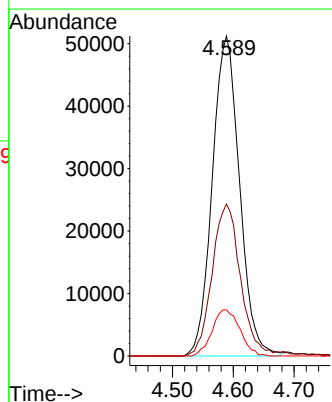
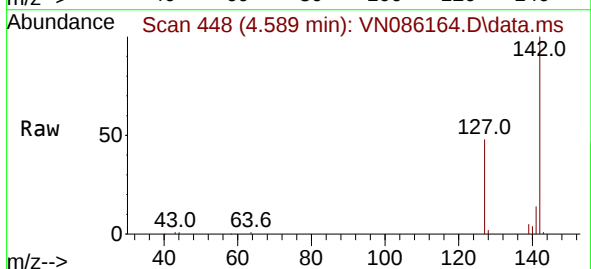
Manual Integrations
APPROVED

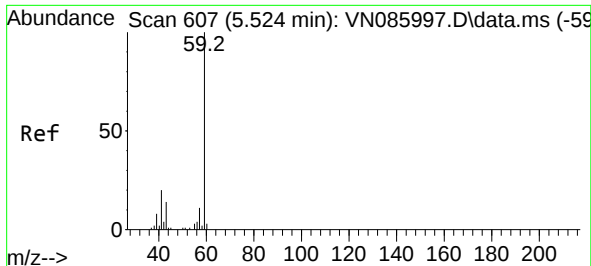
Reviewed By :John Carbone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#10
Methyl Iodide
Concen: 50.932 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

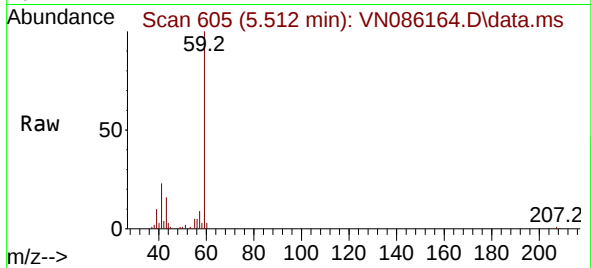
Tgt Ion:142 Resp: 158899
Ion Ratio Lower Upper
142 100
127 47.5 37.5 56.3
141 14.4 11.0 16.6





#11
Tert butyl alcohol
Concen: 205.156 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

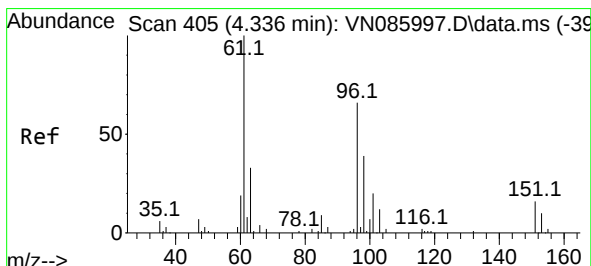
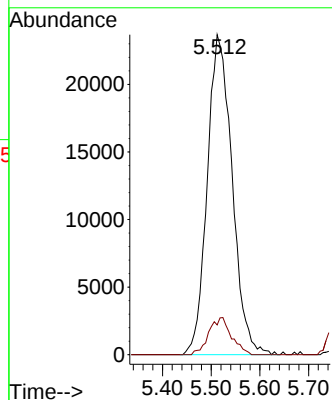
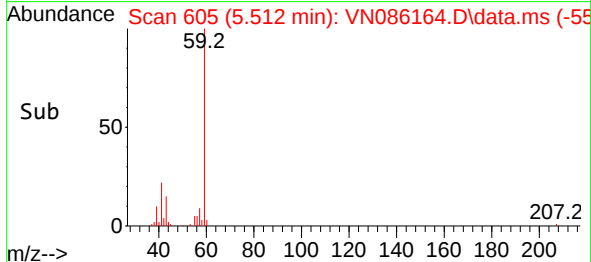
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



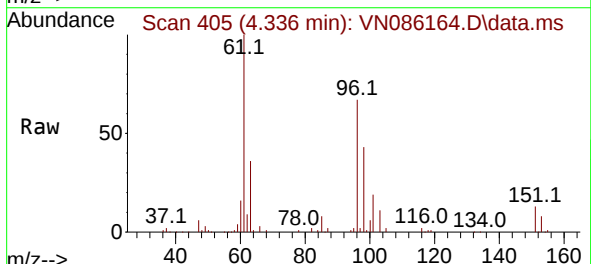
Tgt Ion: 59 Resp: 8393
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9

Manual Integrations
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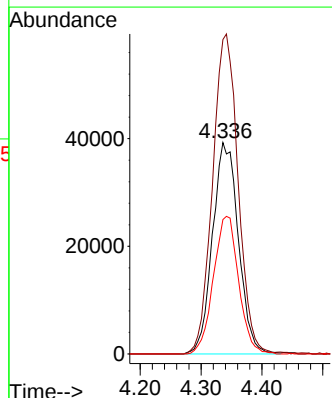
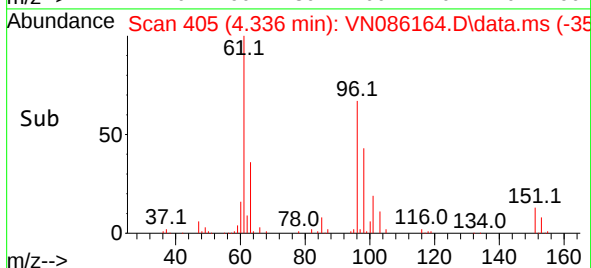
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

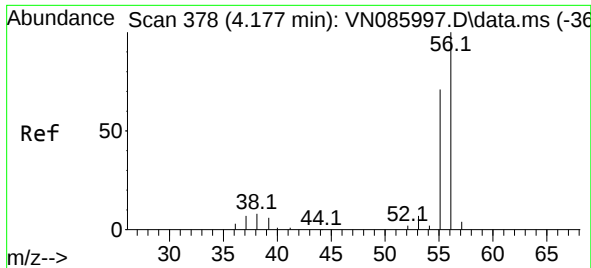


#12
1,1-Dichloroethene
Concen: 53.587 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



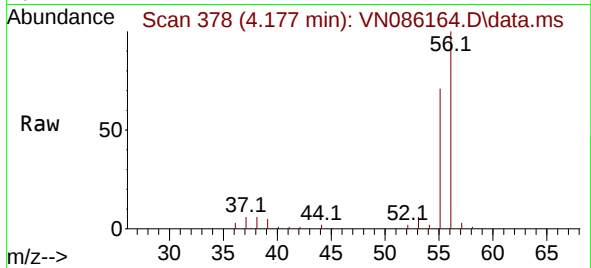
Tgt Ion: 96 Resp: 115856
Ion Ratio Lower Upper
96 100
61 148.8 120.5 180.7
98 63.6 47.4 71.0





#13
Acrolein
Concen: 206.411 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

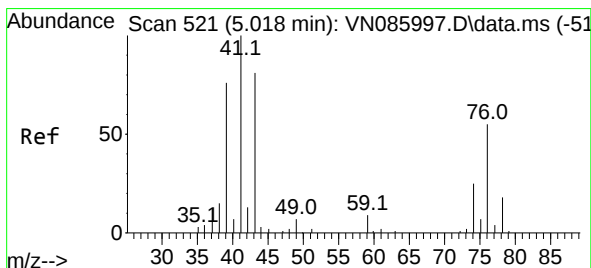
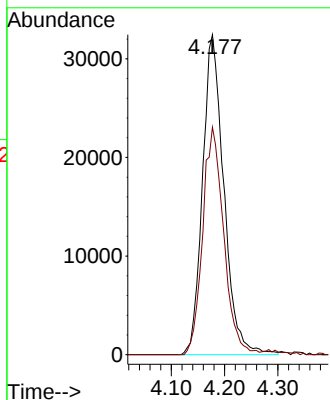
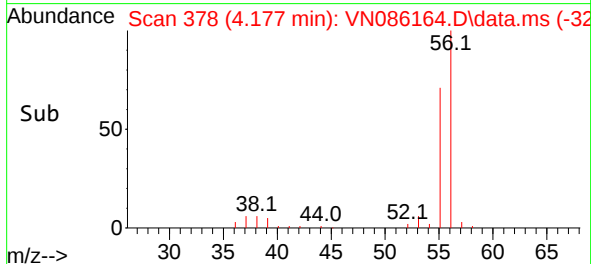
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



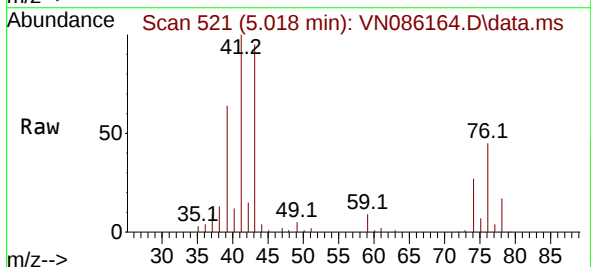
Tgt Ion: 56 Resp: 9007
Ion Ratio Lower Upper
56 100
55 70.2 55.1 82.7

Manual Integrations
APPROVED

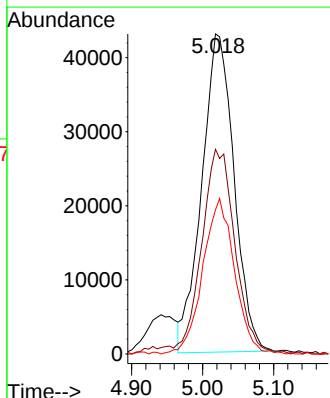
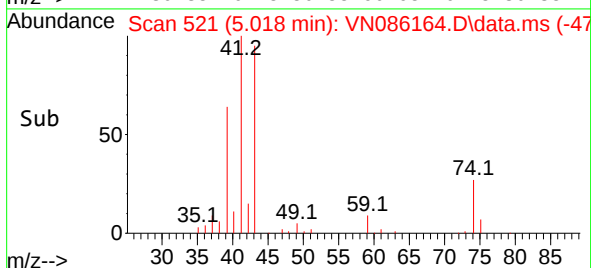
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#14
Allyl chloride
Concen: 50.318 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



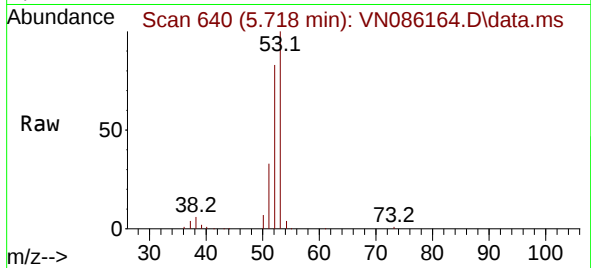
Tgt Ion: 41 Resp: 135720
Ion Ratio Lower Upper
41 100
39 67.1 55.5 83.3
76 48.1 39.1 58.7





#15
Acrylonitrile
Concen: 264.353 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

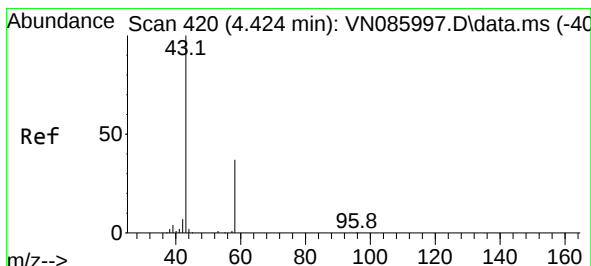
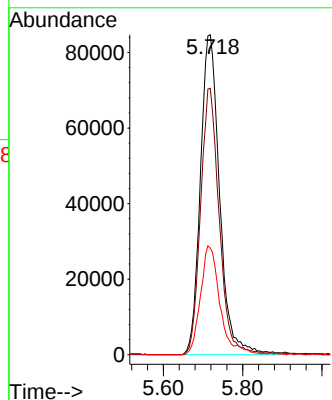
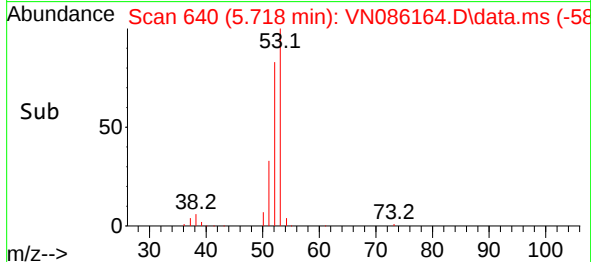
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 53 Resp: 28564
Ion Ratio Lower Upper
53 100
52 80.4 63.9 95.9
51 34.4 27.1 40.7

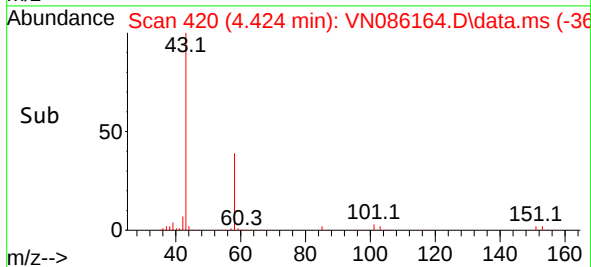
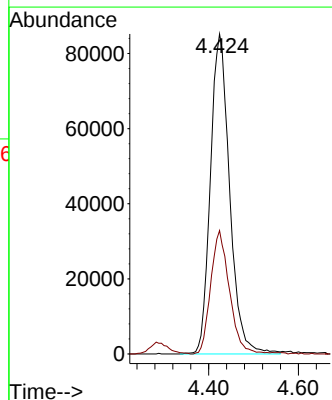
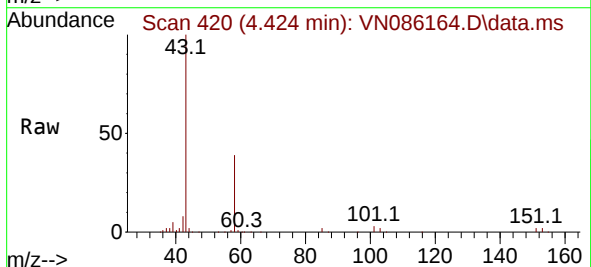
Manual Integrations
APPROVED

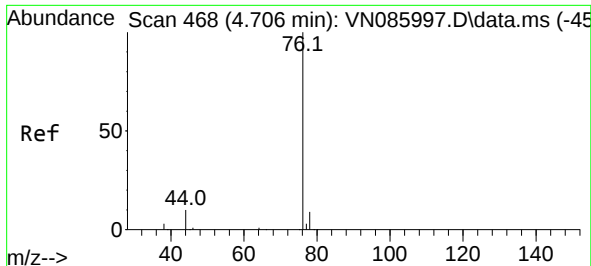
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#16
Acetone
Concen: 287.258 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

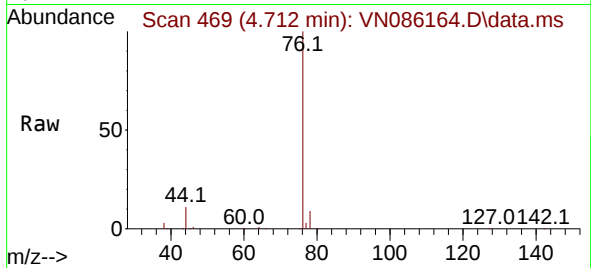
Tgt Ion: 43 Resp: 253604
Ion Ratio Lower Upper
43 100
58 38.2 29.4 44.2





#17
Carbon Disulfide
Concen: 43.980 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

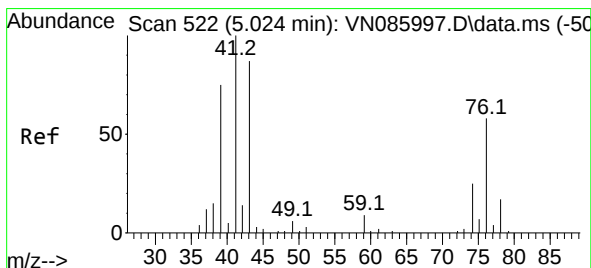
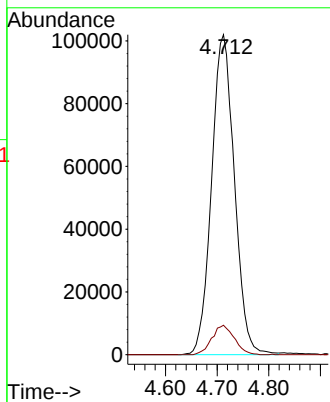
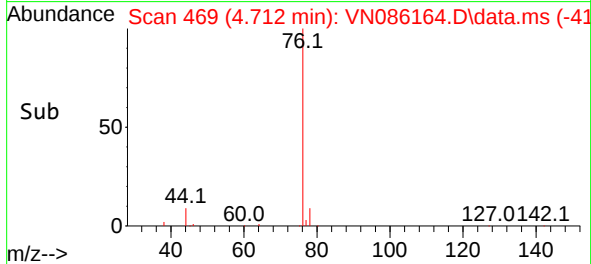
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 76 Resp: 312709
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

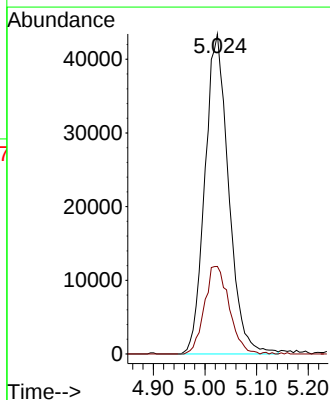
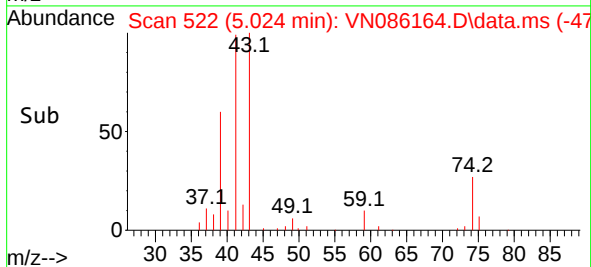
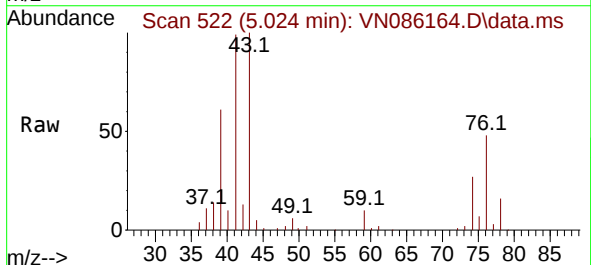
Manual Integrations
APPROVED

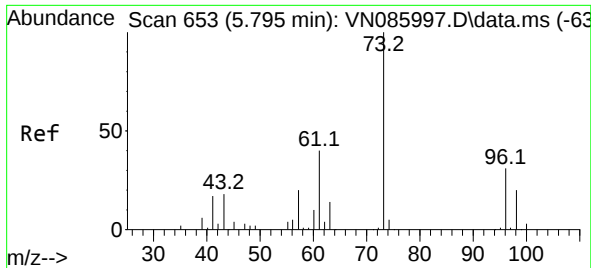
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#18
Methyl Acetate
Concen: 63.366 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

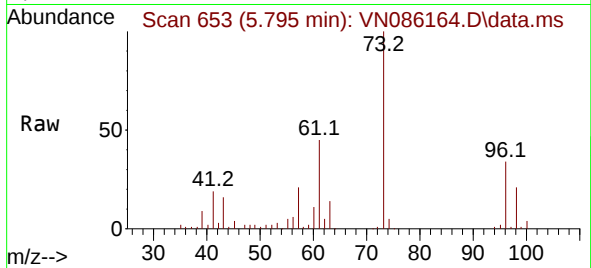
Tgt Ion: 43 Resp: 138411
Ion Ratio Lower Upper
43 100
74 28.5 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 52.460 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

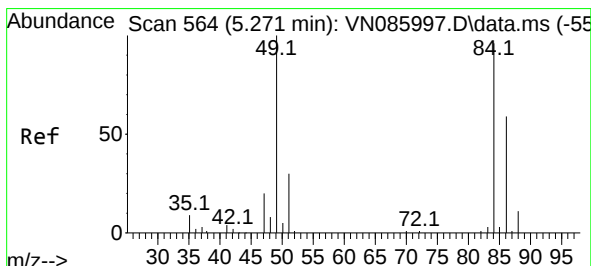
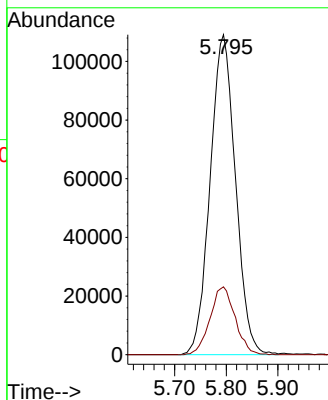
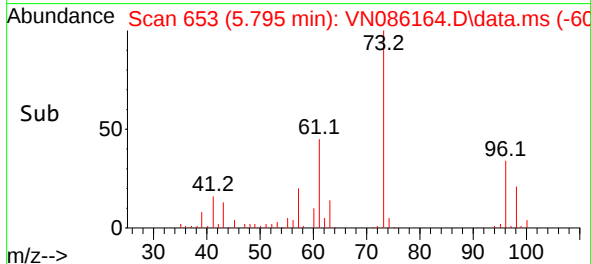
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 73 Resp: 371659
Ion Ratio Lower Upper
73 100
57 21.2 16.1 24.1

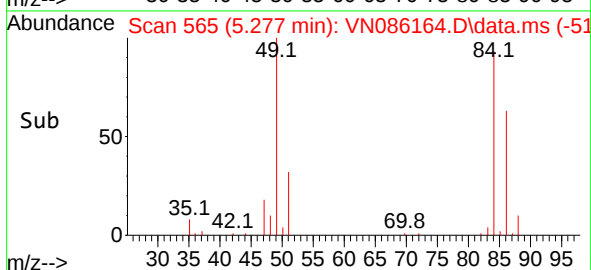
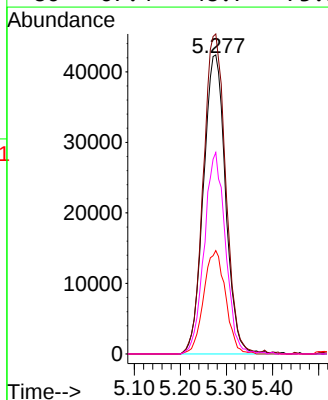
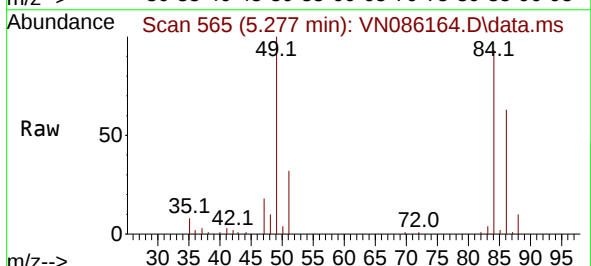
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#20
Methylene Chloride
Concen: 54.892 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

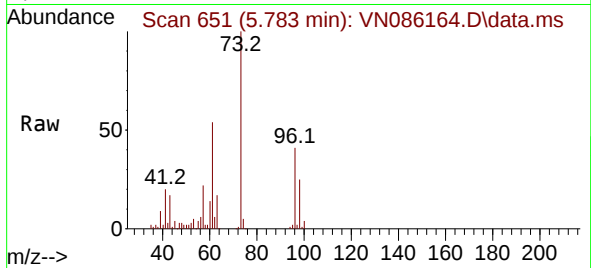
Tgt Ion: 84 Resp: 141769
Ion Ratio Lower Upper
84 100
49 107.0 83.3 124.9
51 34.6 24.8 37.2
86 67.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 51.966 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

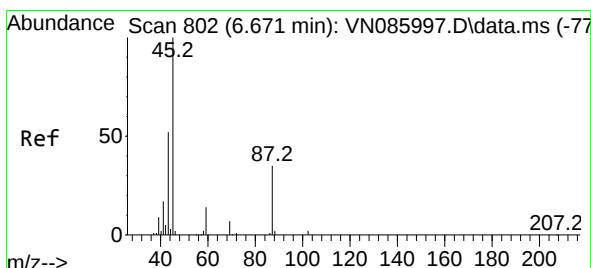
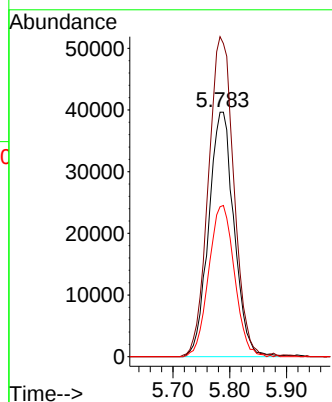
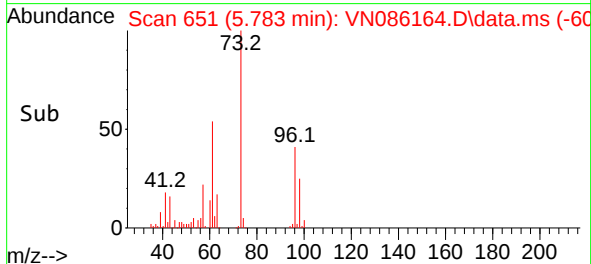
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 96 Resp: 12278
Ion Ratio Lower Upper
96 100
61 130.9 106.6 160.0
98 61.3 50.0 75.0

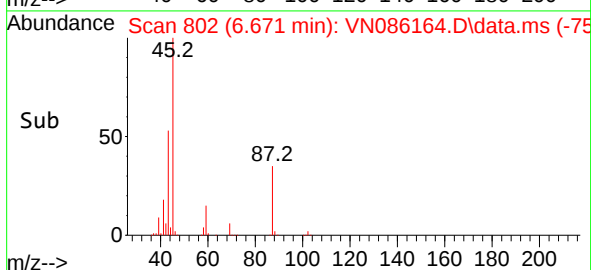
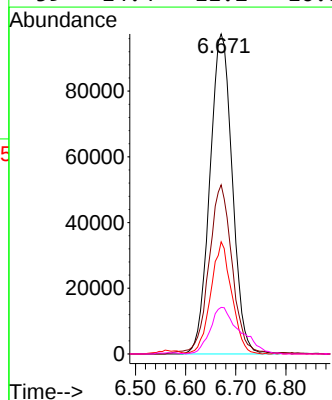
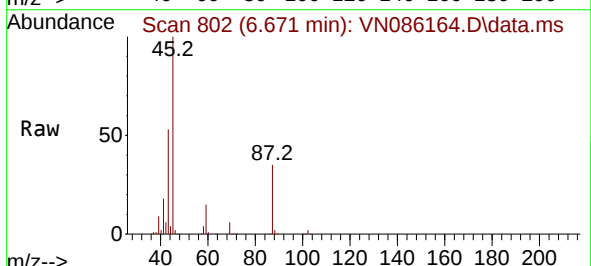
Manual Integrations
APPROVED

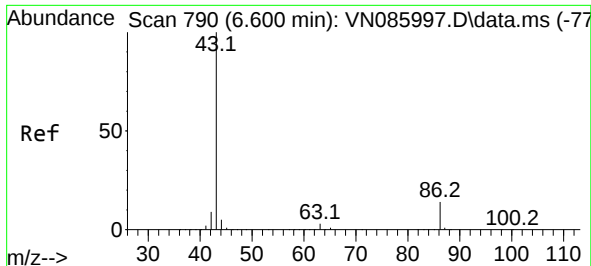
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#22
Diisopropyl ether
Concen: 52.766 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

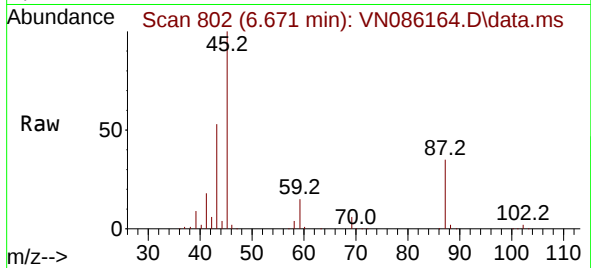
Tgt Ion: 45 Resp: 303286
Ion Ratio Lower Upper
45 100
43 52.5 41.2 61.8
87 34.9 28.5 42.7
59 14.4 11.2 16.8





#23
 Vinyl Acetate
 Concen: 38.093 ug/l
 RT: 6.671 min Scan# 802
 Delta R.T. 0.071 min
 Lab File: VN086164.D
 Acq: 28 Mar 2025 20:42

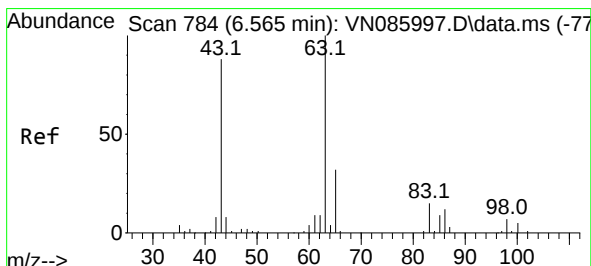
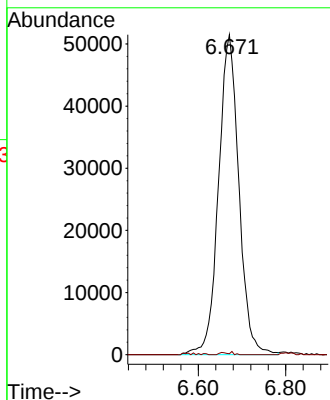
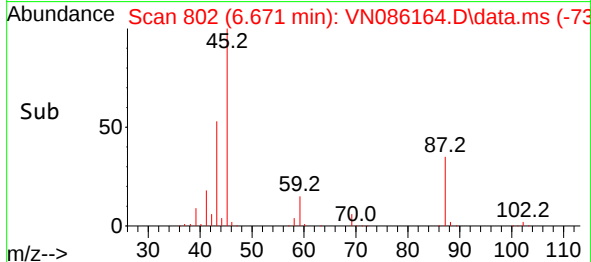
Instrument :
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 ClientSampleId :
 P001-BBDGA-001-01MSD



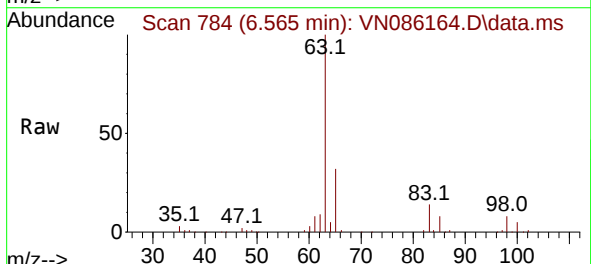
Tgt Ion: 43 Resp: 165978
 Ion Ratio Lower Upper
 43 100
 86 0.3 11.2 16.8

Manual Integrations
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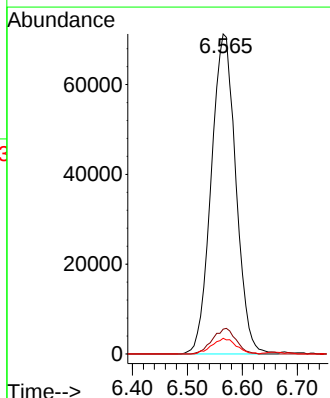
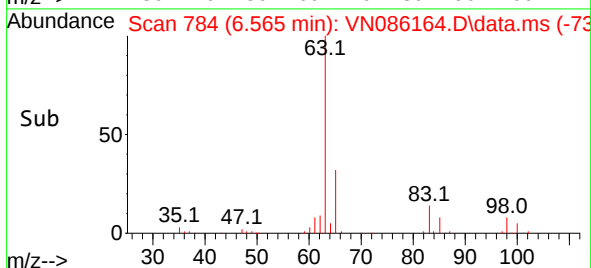
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025

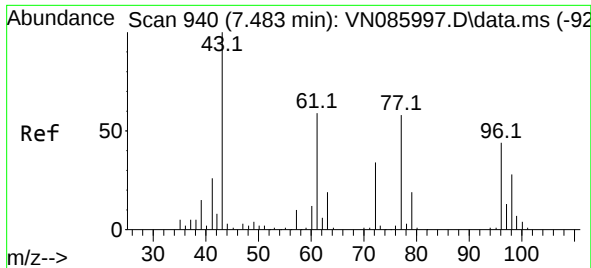


#24
 1,1-Dichloroethane
 Concen: 52.448 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086164.D
 Acq: 28 Mar 2025 20:42



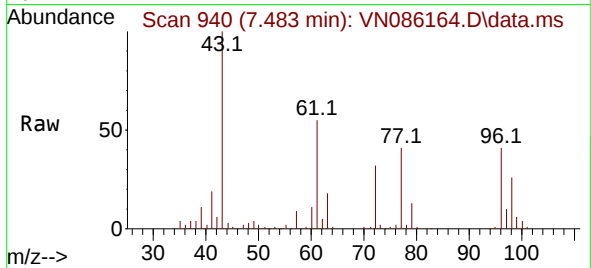
Tgt Ion: 63 Resp: 221680
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.9
 100 4.9 2.5 7.5





#25
2-Butanone
Concen: 266.962 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

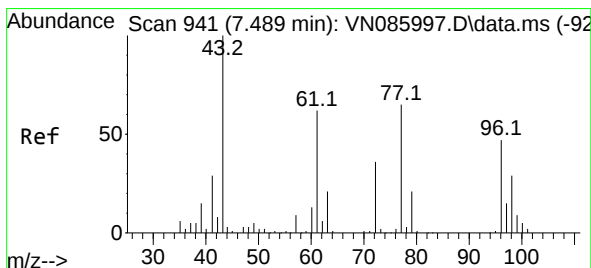
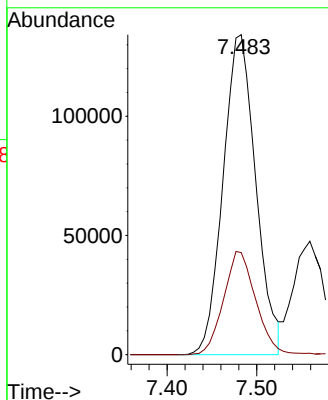
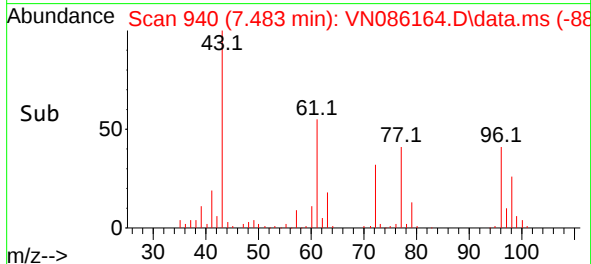
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



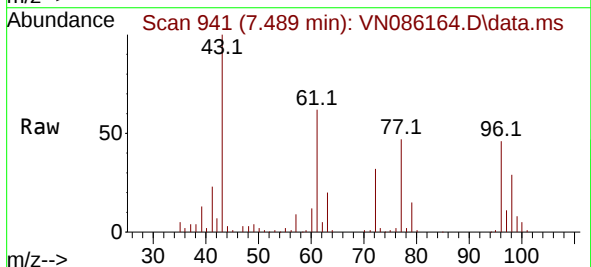
Tgt Ion: 43 Resp: 340080
Ion Ratio Lower Upper
43 100
72 31.9 27.4 41.0

Manual Integrations
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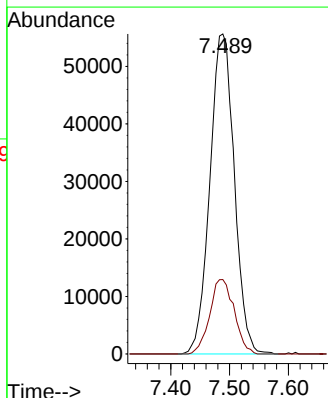
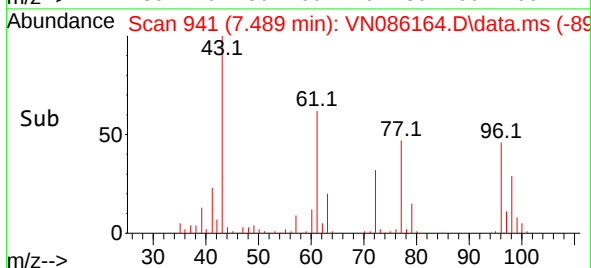
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#26
2,2-Dichloropropane
Concen: 39.486 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



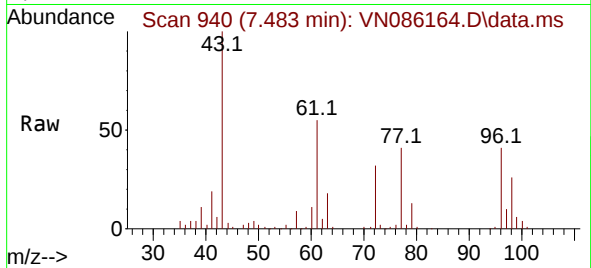
Tgt Ion: 77 Resp: 160675
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.244 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086164.D
 Acq: 28 Mar 2025 20:42

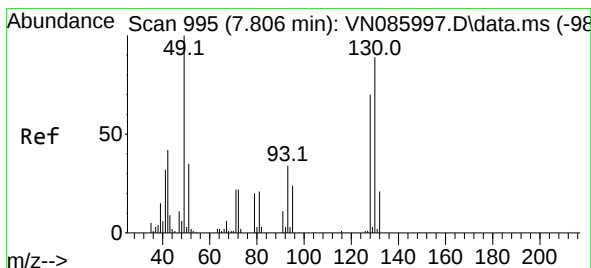
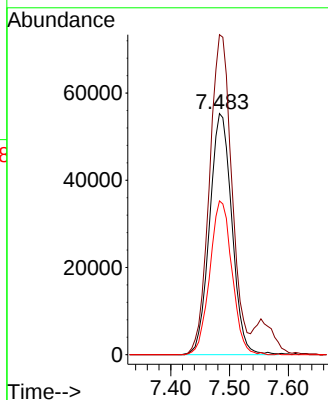
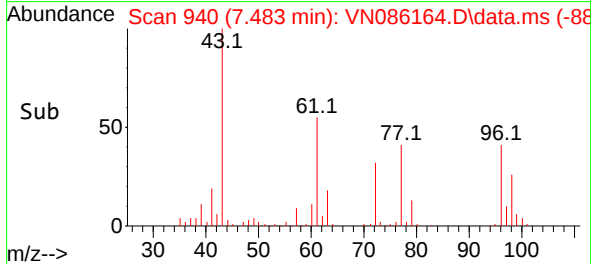
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-001-01MSD



Tgt Ion: 96 Resp: 145644
 Ion Ratio Lower Upper
 96 100
 61 133.6 0.0 272.8
 98 63.4 0.0 124.8

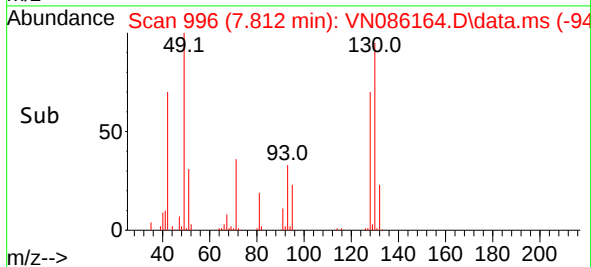
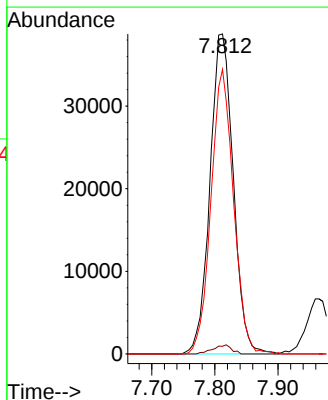
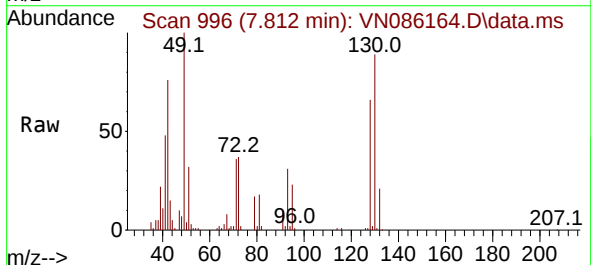
Manual Integrations
 APPROVED

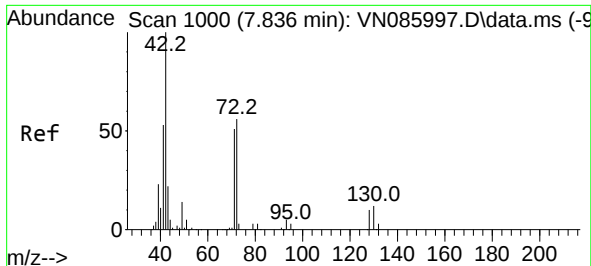
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025



#28
 Bromochloromethane
 Concen: 55.354 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086164.D
 Acq: 28 Mar 2025 20:42

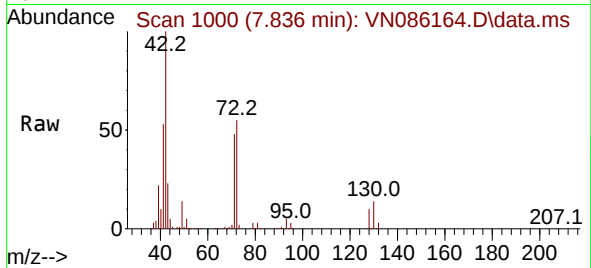
Tgt Ion: 49 Resp: 99124
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 86.1 74.2 111.4





#29
Tetrahydrofuran
Concen: 282.076 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

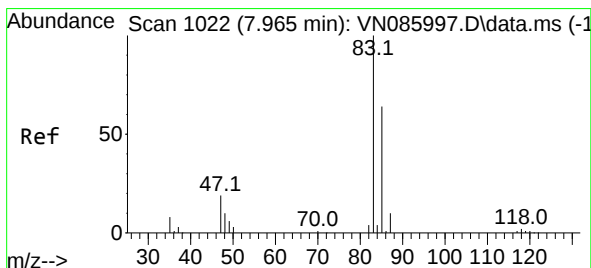
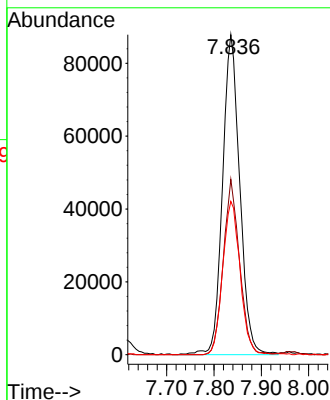
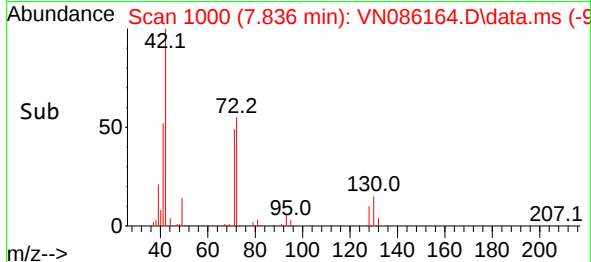
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 42 Resp: 221840
Ion Ratio Lower Upper
42 100
72 51.7 45.0 67.4
71 48.4 41.9 62.9

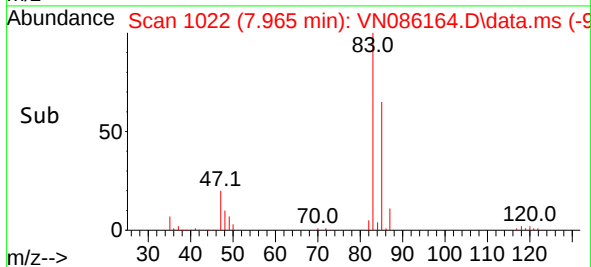
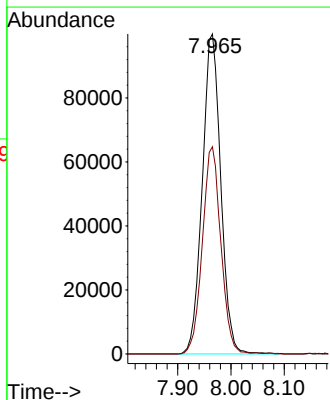
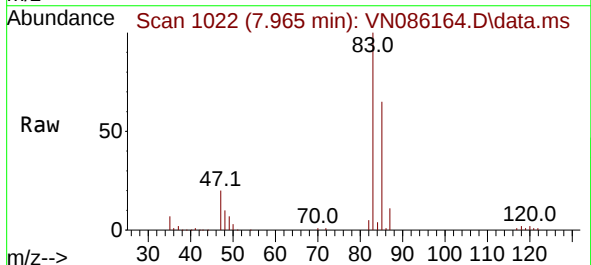
Manual Integrations
APPROVED

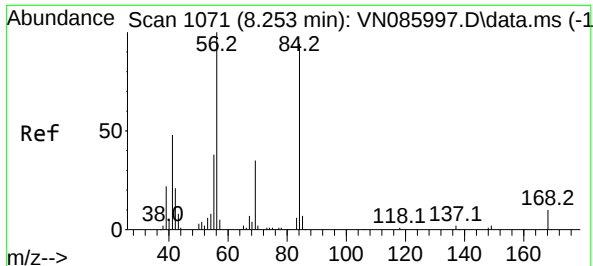
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#30
Chloroform
Concen: 51.621 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

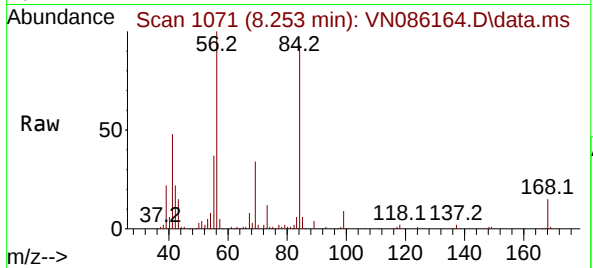
Tgt Ion: 83 Resp: 241165
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3





#31
Cyclohexane
Concen: 51.880 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

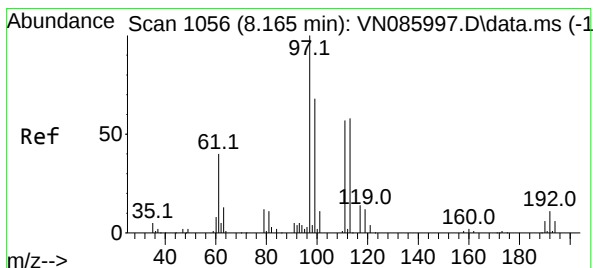
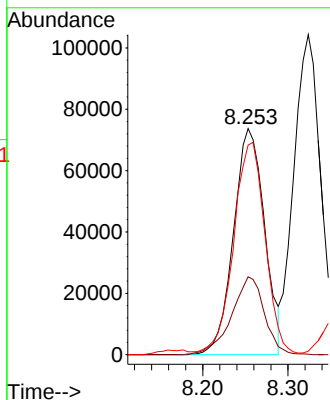
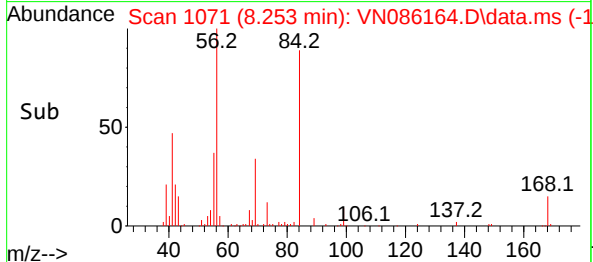
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



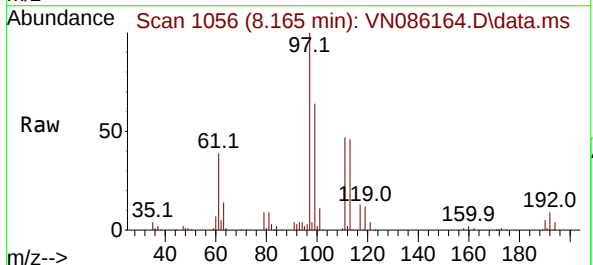
Tgt Ion: 56 Resp: 18680
Ion Ratio Lower Upper
56 100
69 34.5 28.0 42.0
84 90.9 75.0 112.6

Manual Integrations
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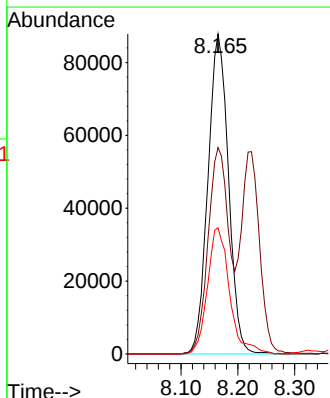
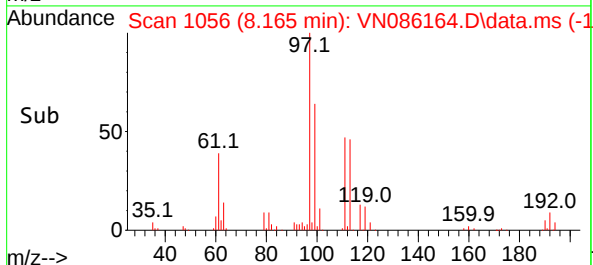
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#32
1,1,1-Trichloroethane
Concen: 49.686 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



Tgt Ion: 97 Resp: 219727
Ion Ratio Lower Upper
97 100
99 65.4 52.8 79.2
61 42.5 33.6 50.4





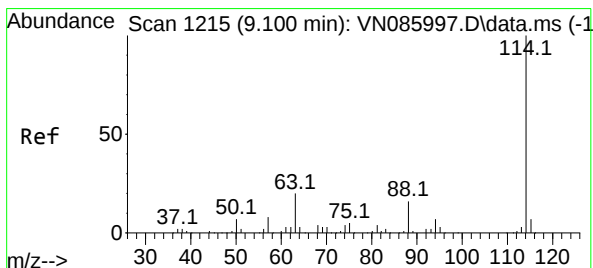
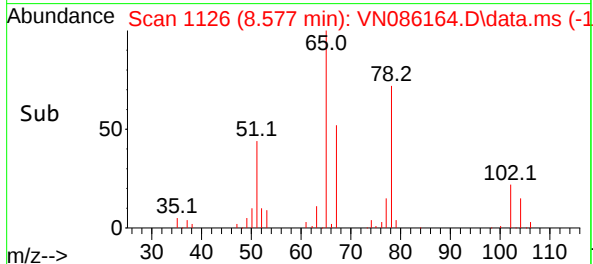
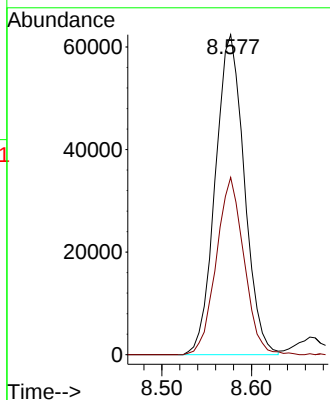
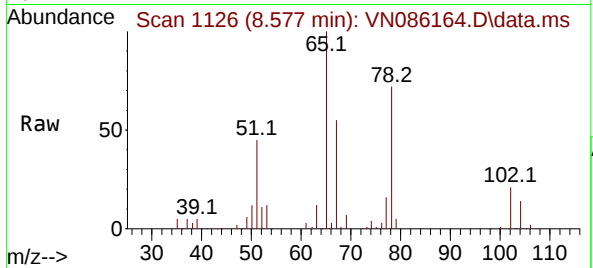
#33
 1,2-Dichloroethane-d4
 Concen: 48.436 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086164.D
 Acq: 28 Mar 2025 20:42

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-001-01MSD

Tgt Ion: 65 Resp: 13996
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.2

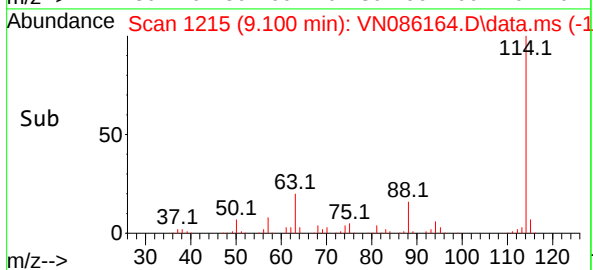
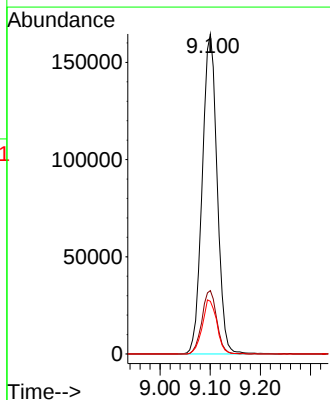
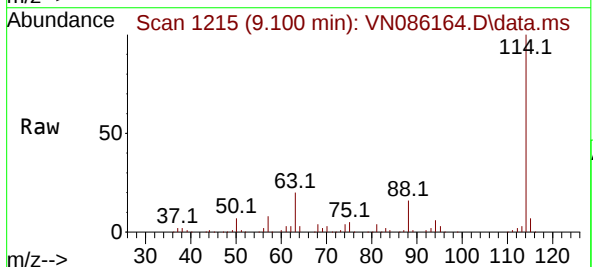
Manual Integrations
 APPROVED

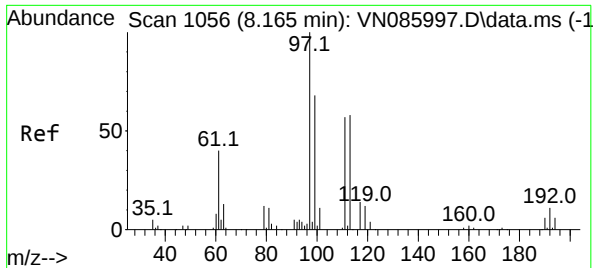
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086164.D
 Acq: 28 Mar 2025 20:42

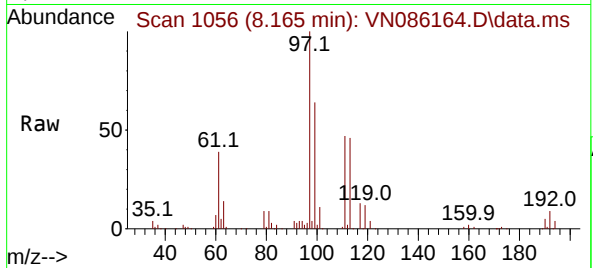
Tgt Ion:114 Resp: 339619
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 16.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 41.416 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

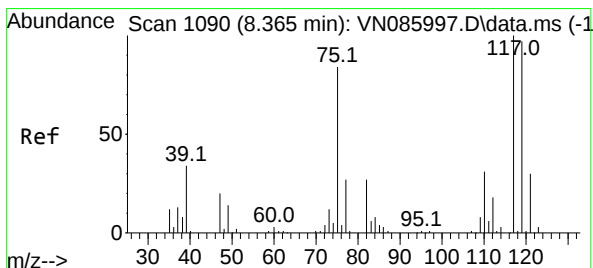
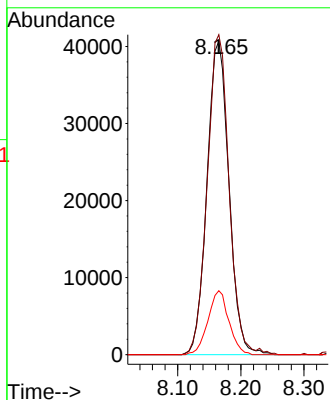
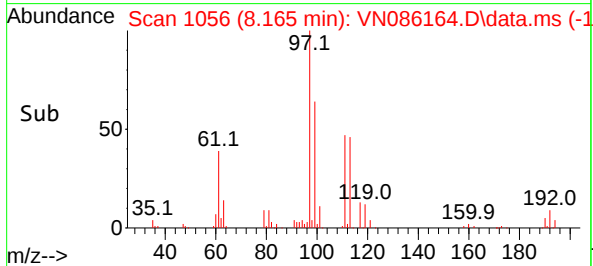
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



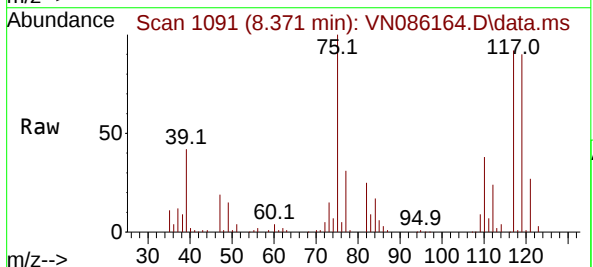
Tgt Ion: 113 Resp: 9817
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.8
192 19.4 15.9 23.9

Manual Integrations
APPROVED

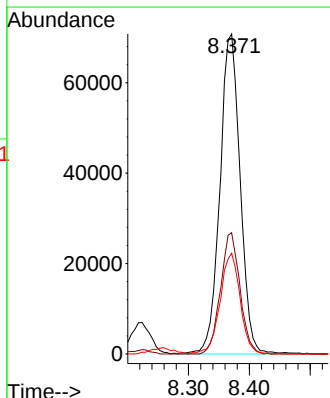
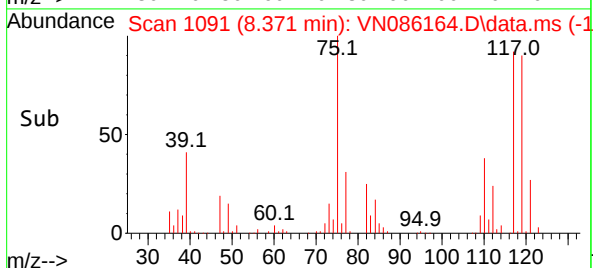
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

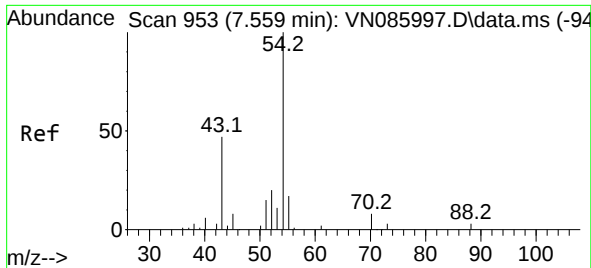


#36
1,1-Dichloropropene
Concen: 52.417 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



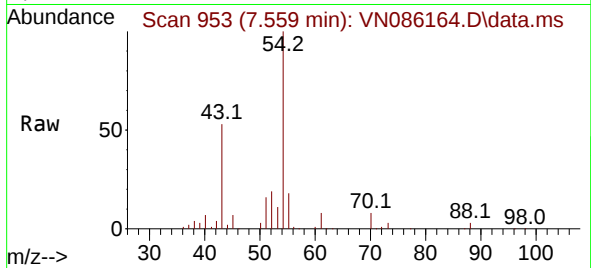
Tgt Ion: 75 Resp: 163612
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.3
77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 45.859 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

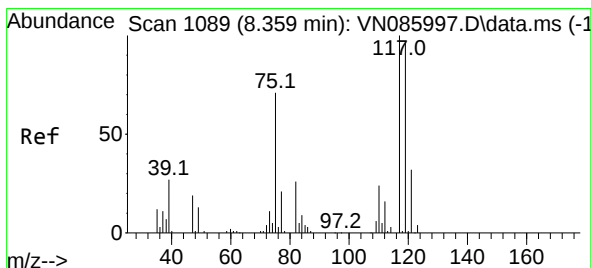
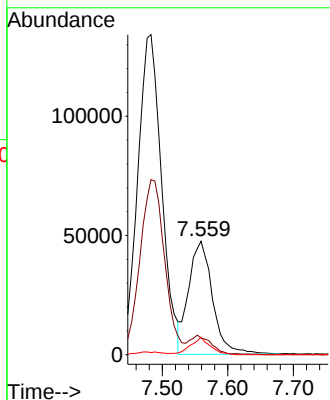
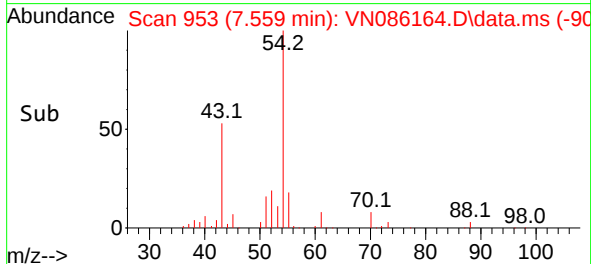
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 43 Resp: 120762
Ion Ratio Lower Upper
43 100
61 15.4 13.0 19.4
70 12.7 11.0 16.6

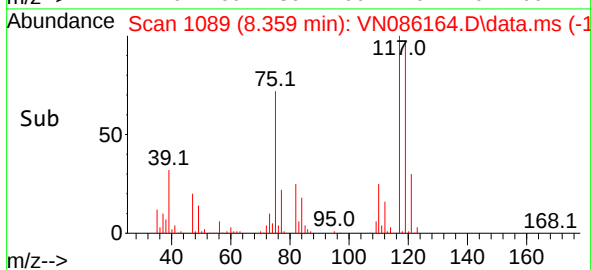
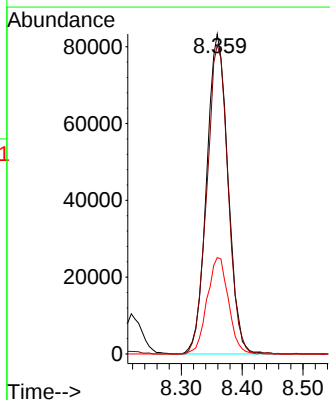
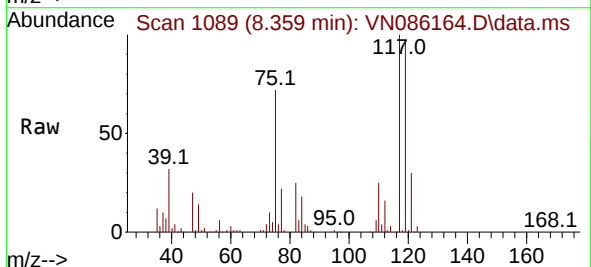
Manual Integrations
APPROVED

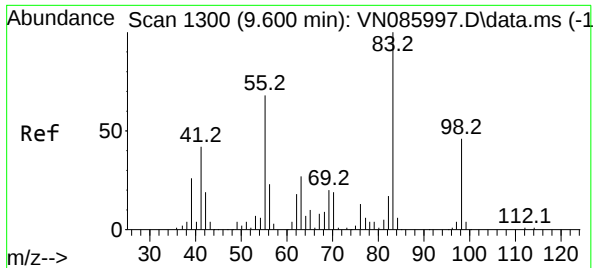
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#38
Carbon Tetrachloride
Concen: 49.318 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Tgt Ion:117 Resp: 202403
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.4
121 30.1 25.6 38.4





#39

Methylcyclohexane

Concen: 53.817 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086164.D

Acq: 28 Mar 2025 20:42

Instrument :

MSVOA_N

ClientSampleId :

P001-BBDGA-001-01MSD

Tgt Ion: 83 Resp: 16666

Ion Ratio Lower Upper

83 100

55 72.2 54.2 81.2

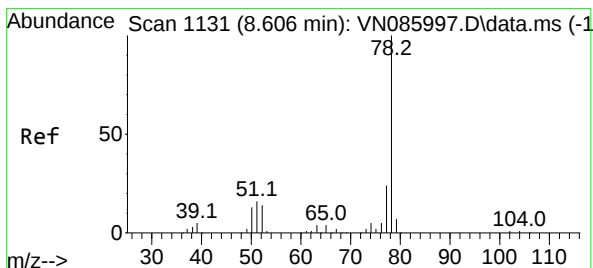
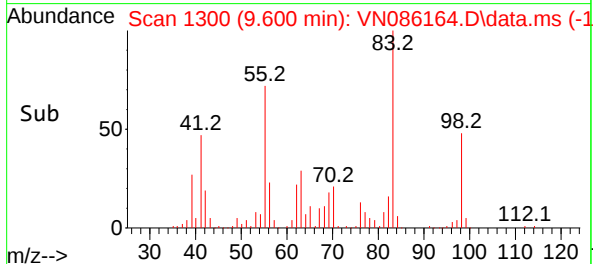
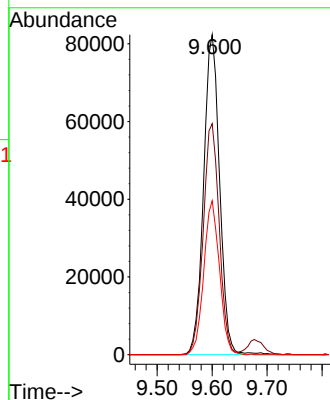
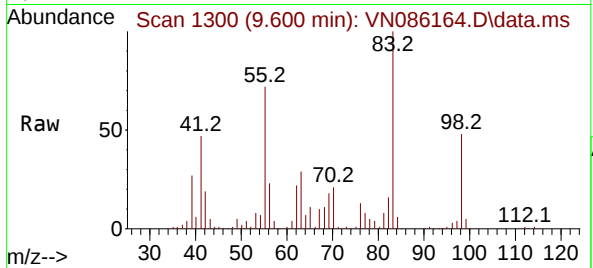
98 48.1 37.1 55.7

Manual Integrations

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Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#40

Benzene

Concen: 53.800 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086164.D

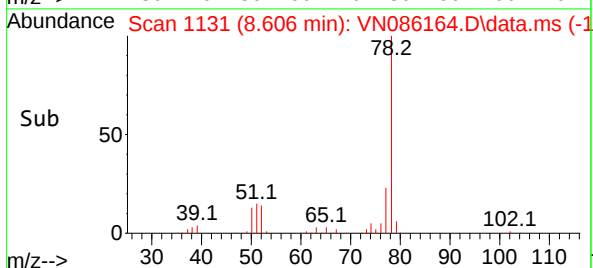
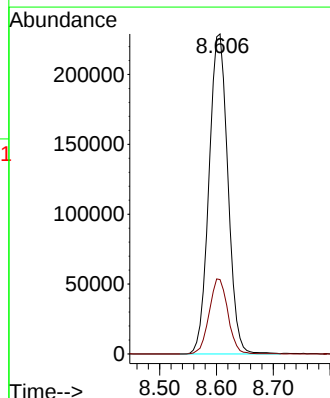
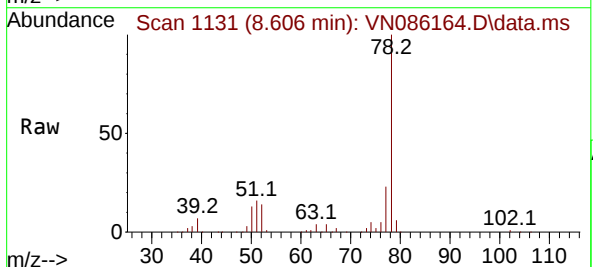
Acq: 28 Mar 2025 20:42

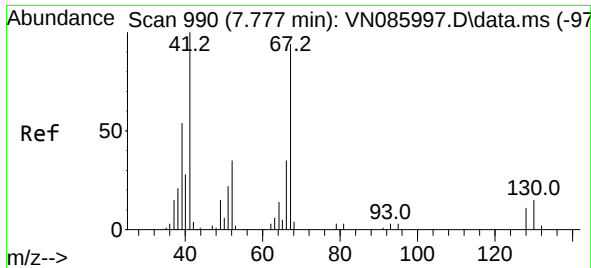
Tgt Ion: 78 Resp: 527165

Ion Ratio Lower Upper

78 100

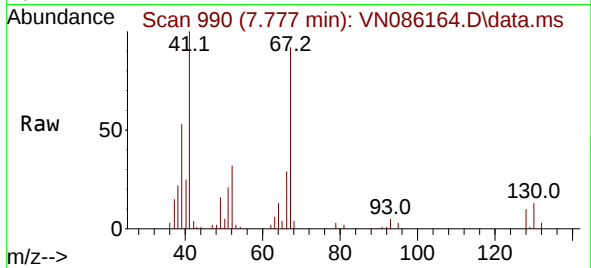
77 23.3 18.9 28.3





#41
Methacrylonitrile
Concen: 60.406 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

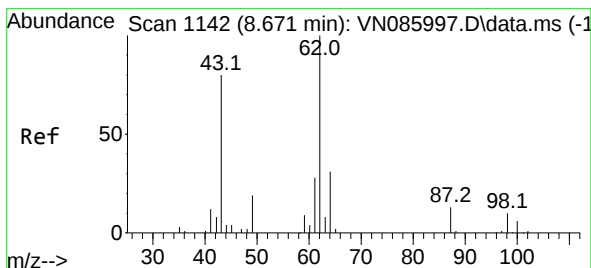
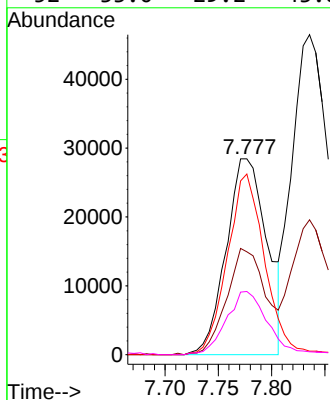
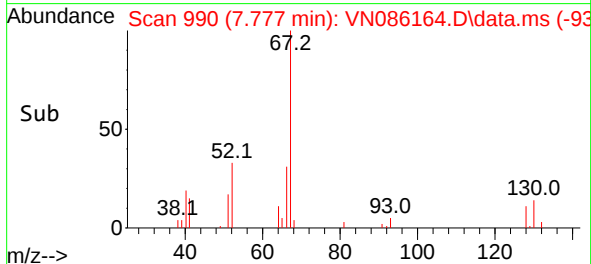
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 41 Resp: 75950
Ion Ratio Lower Upper
41 100
39 52.3 46.2 69.2
67 85.3 75.9 113.9
52 33.0 29.2 43.8

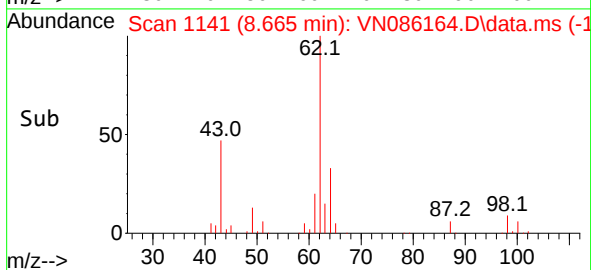
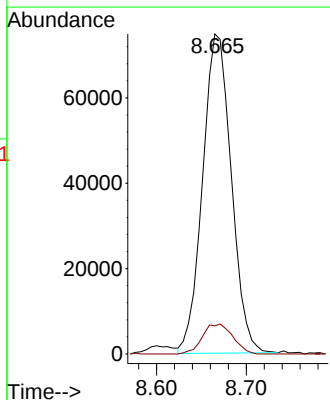
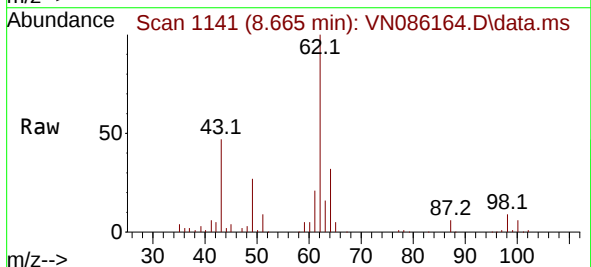
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#42
1,2-Dichloroethane
Concen: 48.695 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

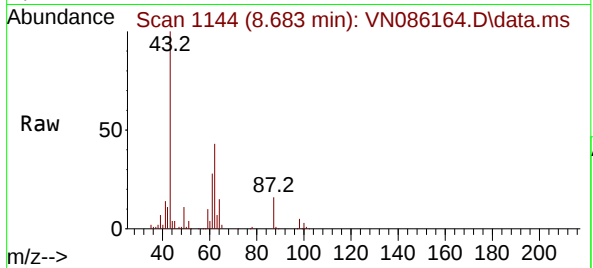
Tgt Ion: 62 Resp: 166260
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.6





#43
Isopropyl Acetate
Concen: 39.488 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

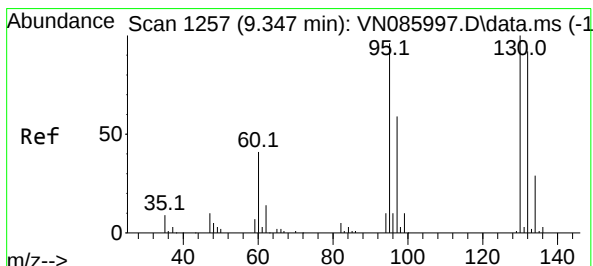
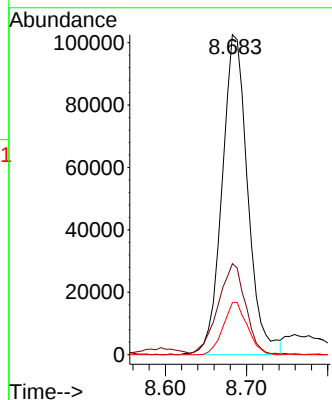
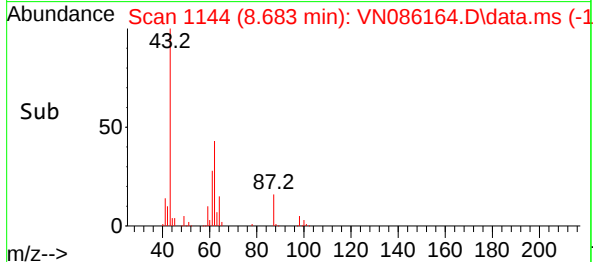
Instrument : MSVOA_N
ClientSampleId : P001-BBDGA-001-01MSD



Tgt Ion: 43 Resp: 225330
Ion Ratio Lower Upper
43 100
61 30.7 25.0 37.6
87 15.3 13.0 19.4

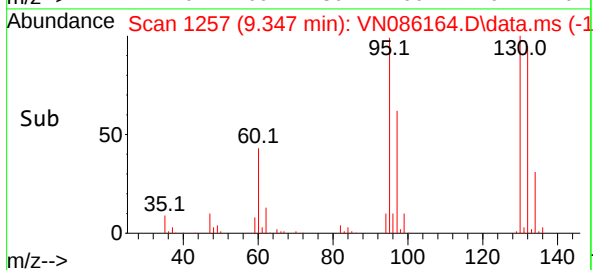
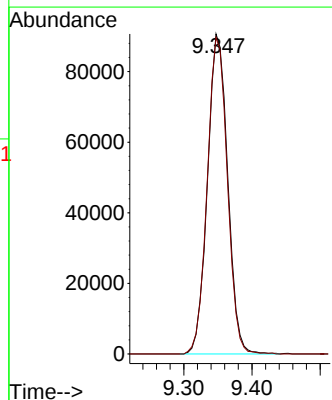
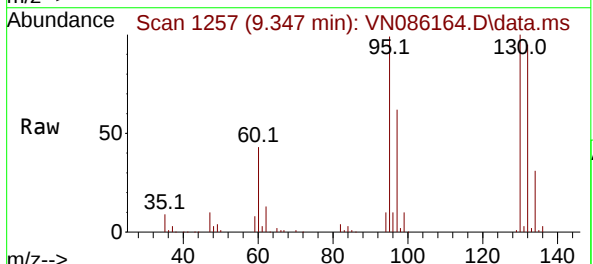
Manual Integrations
APPROVED

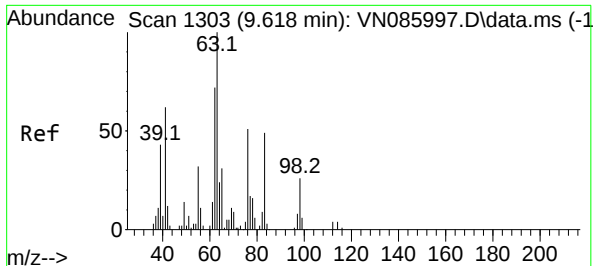
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#44
Trichloroethene
Concen: 73.686 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Tgt Ion:130 Resp: 187133
Ion Ratio Lower Upper
130 100
95 98.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 56.494 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086164.D

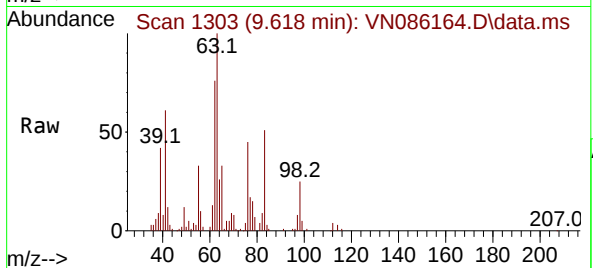
Acq: 28 Mar 2025 20:42

Instrument :

MSVOA_N

ClientSampleId :

P001-BBDGA-001-01MSD



Tgt Ion: 63 Resp: 12590

Ion Ratio Lower Upper

63 100

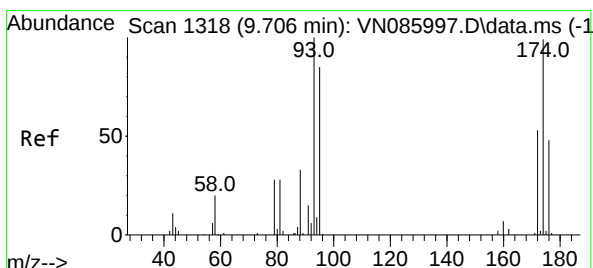
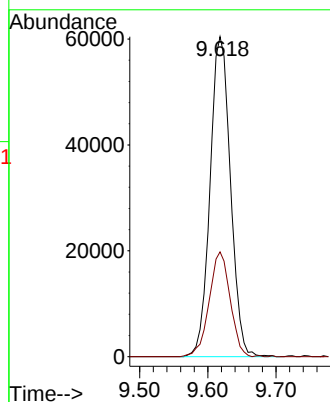
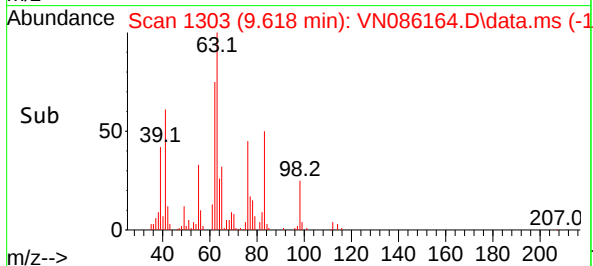
65 32.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#46

Dibromomethane

Concen: 52.122 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086164.D

Acq: 28 Mar 2025 20:42

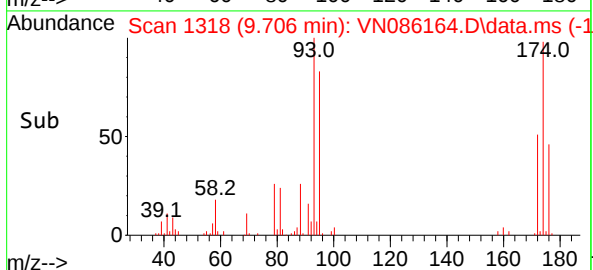
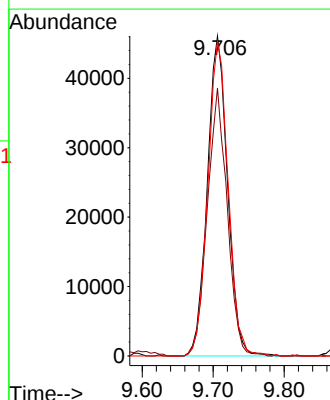
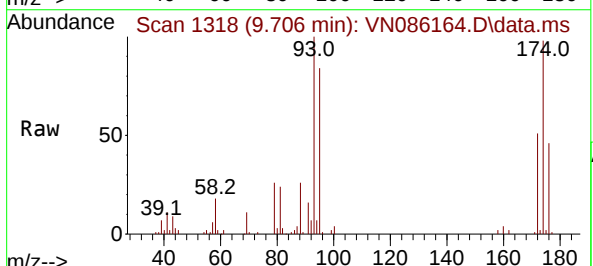
Tgt Ion: 93 Resp: 91354

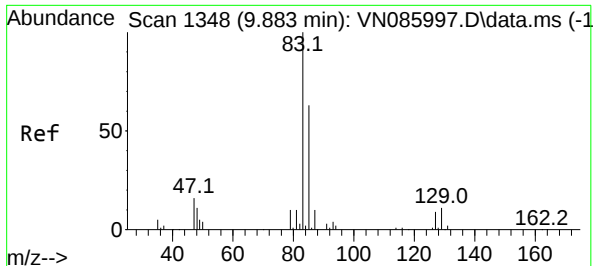
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.2

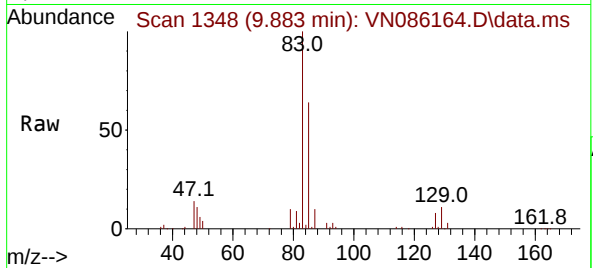
174 98.9 80.1 120.1





#47
Bromodichloromethane
Concen: 52.160 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

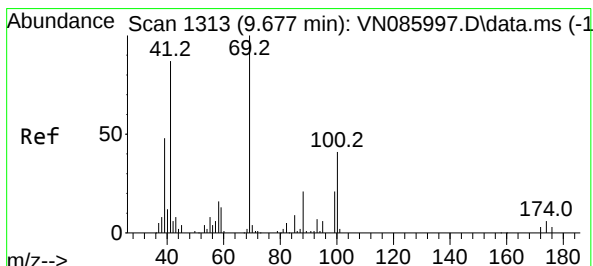
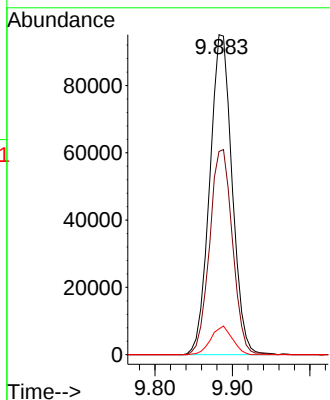
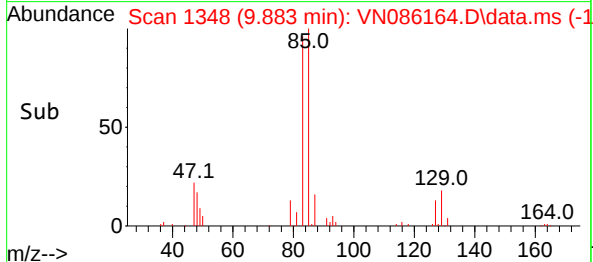
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 83 Resp: 191064
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.2
127 8.1 7.1 10.7

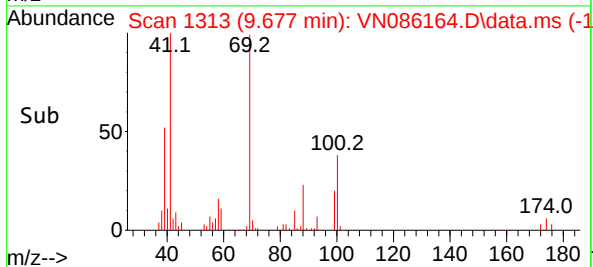
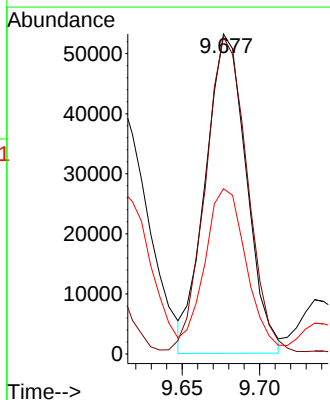
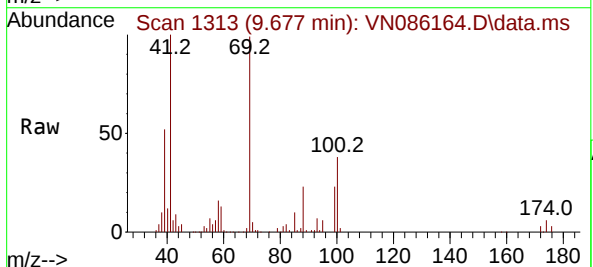
Manual Integrations
APPROVED

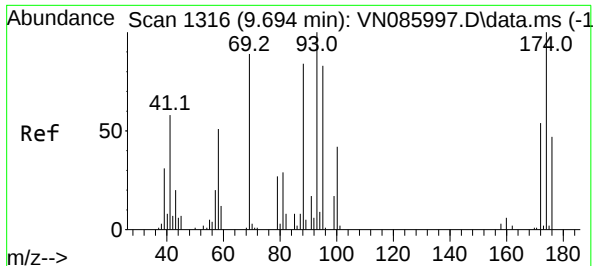
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#48
Methyl methacrylate
Concen: 51.987 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

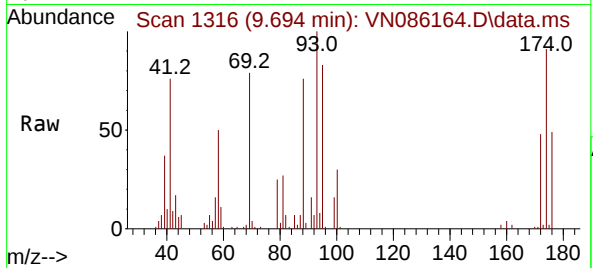
Tgt Ion: 41 Resp: 97891
Ion Ratio Lower Upper
41 100
69 100.6 83.1 124.7
39 53.7 45.6 68.4





#49
1,4-Dioxane
Concen: 1045.620 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

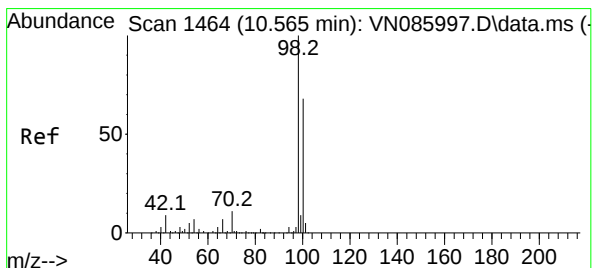
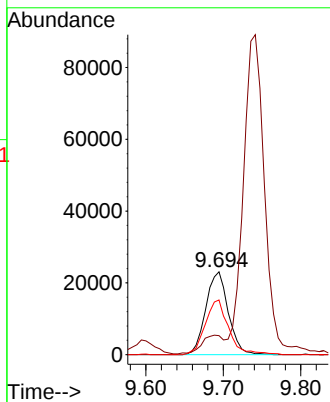
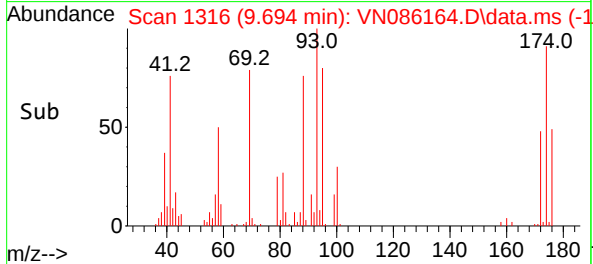
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 88 Resp: 46544
Ion Ratio Lower Upper
88 100
43 21.1 21.7 32.5
58 69.0 50.4 75.6

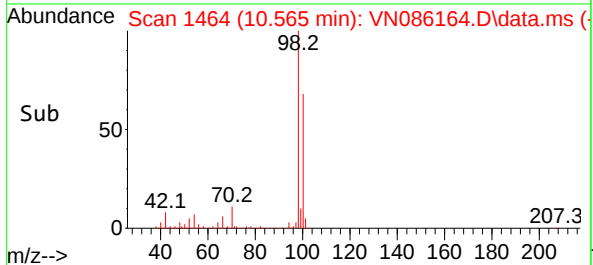
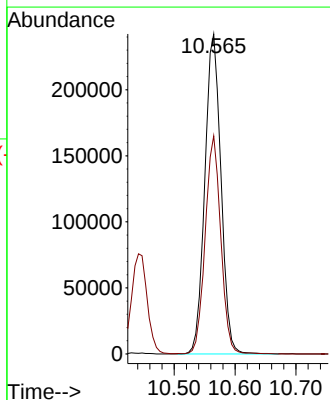
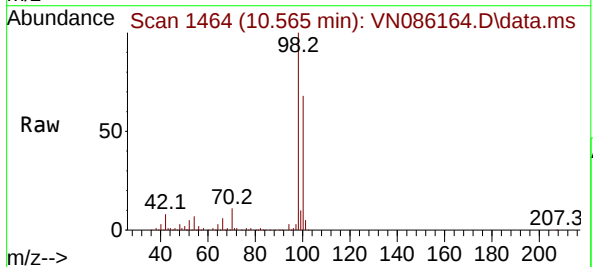
Manual Integrations
APPROVED

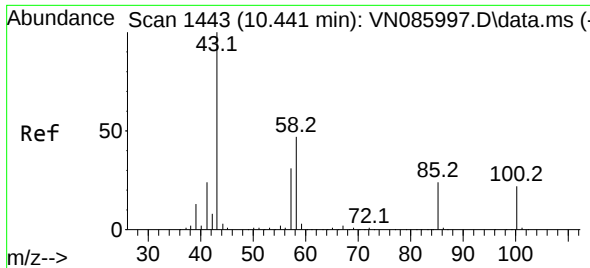
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#50
Toluene-d8
Concen: 51.775 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

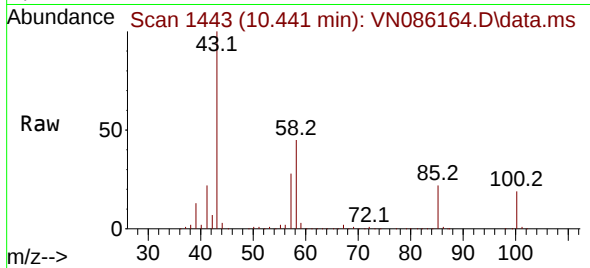
Tgt Ion: 98 Resp: 445431
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 283.468 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

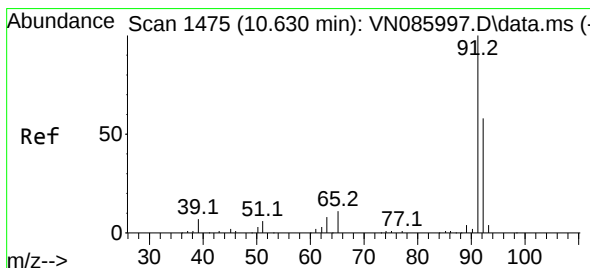
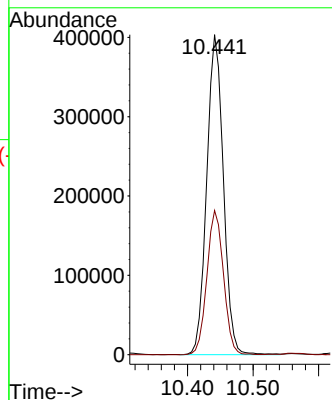
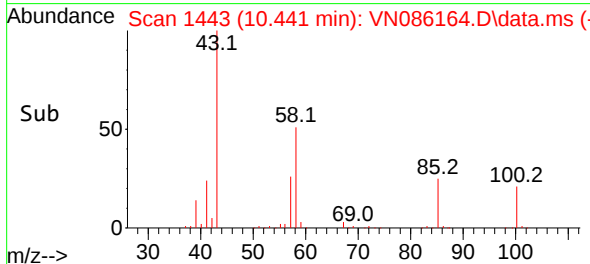
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 43 Resp: 71337
Ion Ratio Lower Upper
43 100
58 44.9 37.4 56.0

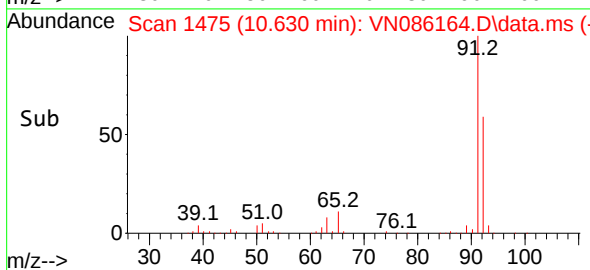
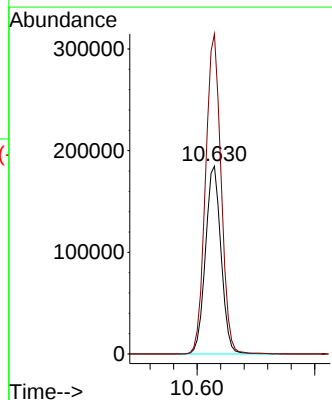
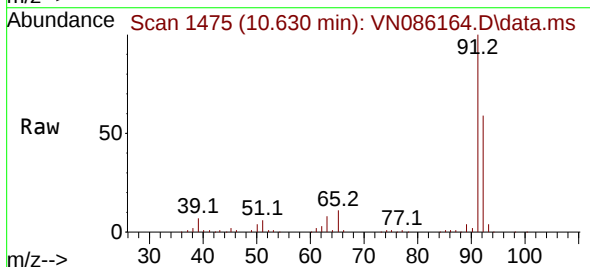
Manual Integrations
APPROVED

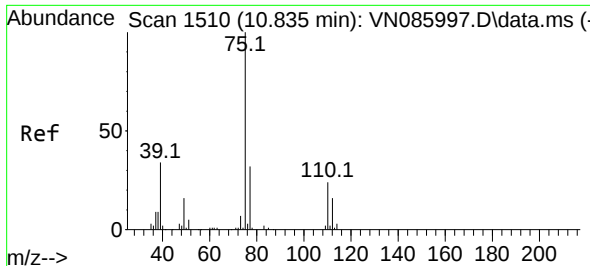
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#52
Toluene
Concen: 56.343 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

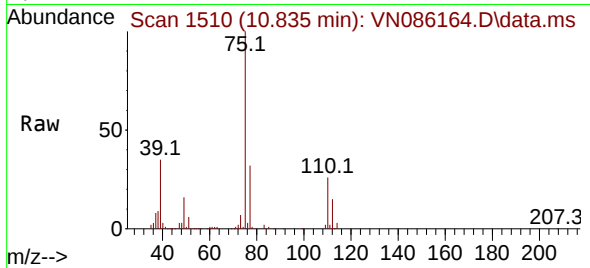
Tgt Ion: 92 Resp: 338846
Ion Ratio Lower Upper
92 100
91 170.0 136.2 204.4





#53
 t-1,3-Dichloropropene
 Concen: 52.481 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086164.D
 Acq: 28 Mar 2025 20:42

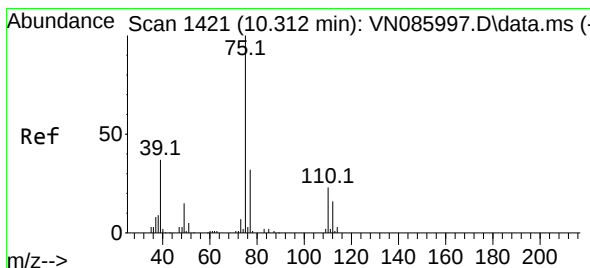
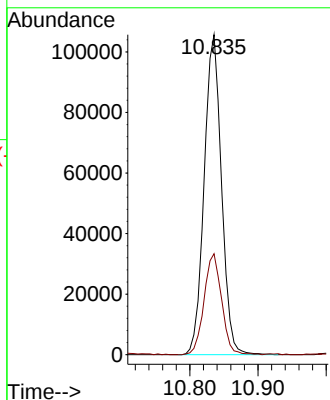
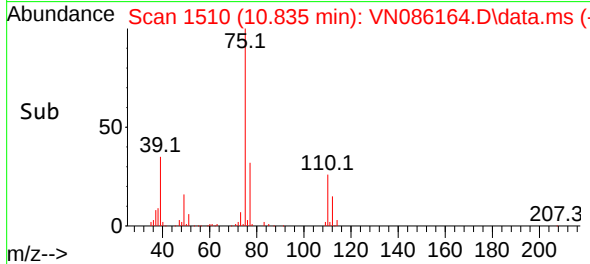
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-001-01MSD



Tgt Ion: 75 Resp: 186698
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9

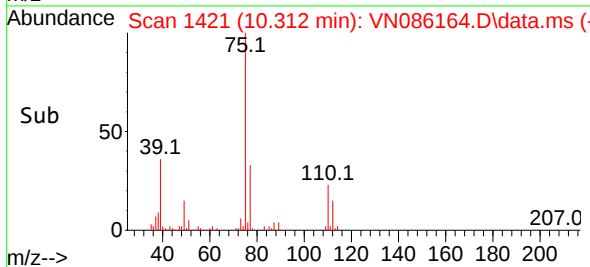
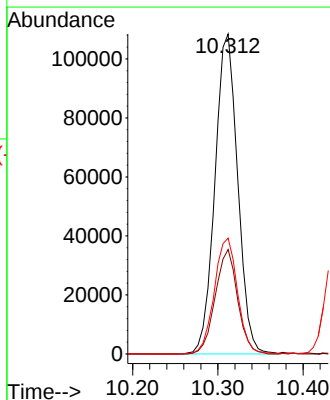
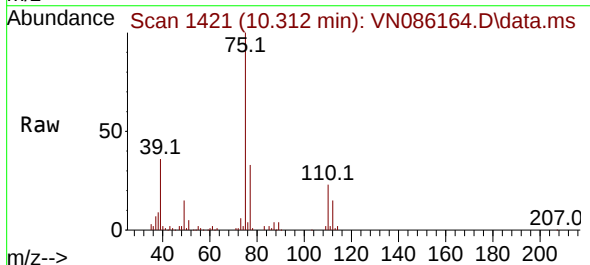
Manual Integrations
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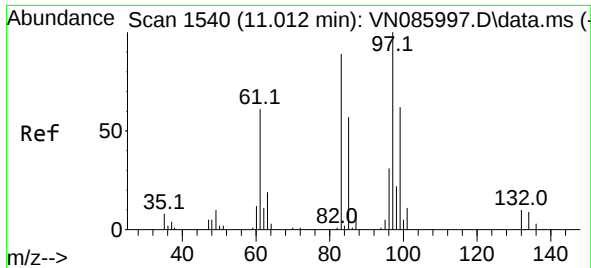
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025



#54
 cis-1,3-Dichloropropene
 Concen: 53.583 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086164.D
 Acq: 28 Mar 2025 20:42

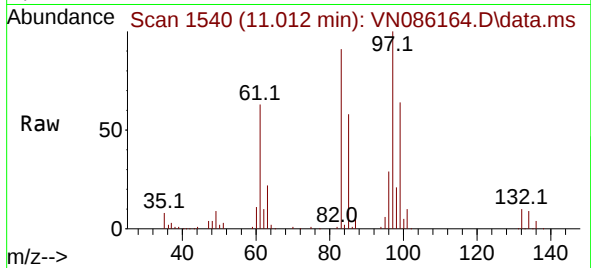
Tgt Ion: 75 Resp: 201114
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9
 39 36.2 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 54.569 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

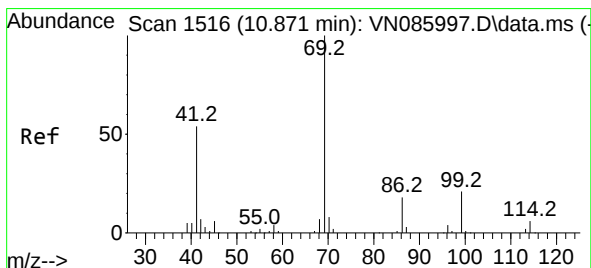
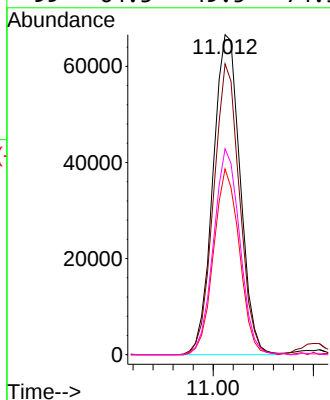
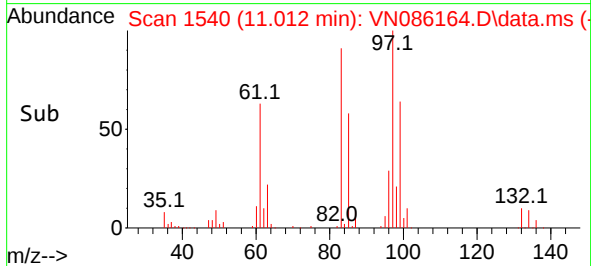
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 97 Resp: 125250
Ion Ratio Lower Upper
97 100
83 90.9 71.2 106.8
85 58.1 45.4 68.0
99 64.3 49.5 74.3

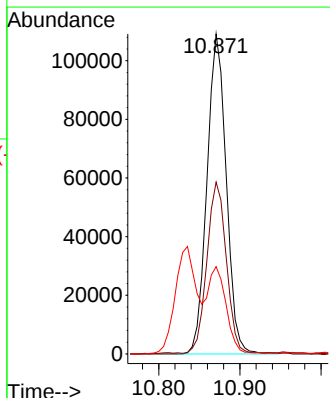
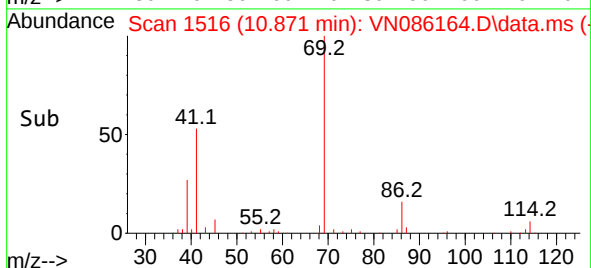
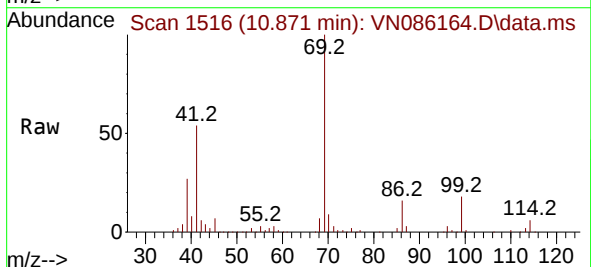
Manual Integrations
APPROVED

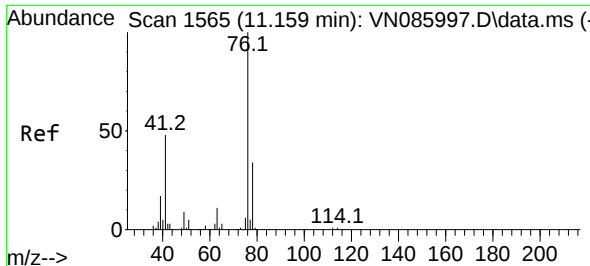
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#56
Ethyl methacrylate
Concen: 50.201 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Tgt Ion: 69 Resp: 179897
Ion Ratio Lower Upper
69 100
41 53.7 41.6 62.4
39 26.1 21.8 32.8





#57

1,3-Dichloropropane

Concen: 54.836 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086164.D

Acq: 28 Mar 2025 20:42

Instrument :

MSVOA_N

ClientSampleId :

P001-BBDGA-001-01MSD

Tgt Ion: 76 Resp: 21378

Ion Ratio Lower Upper

76 100

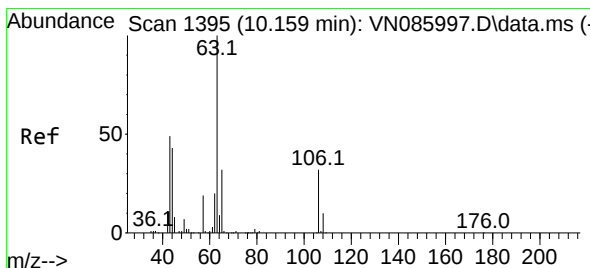
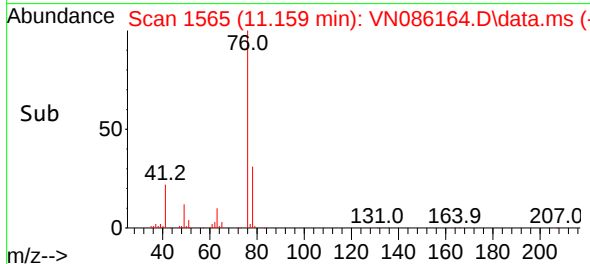
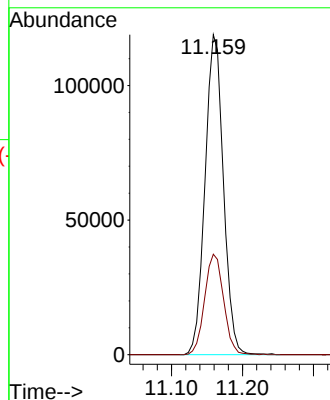
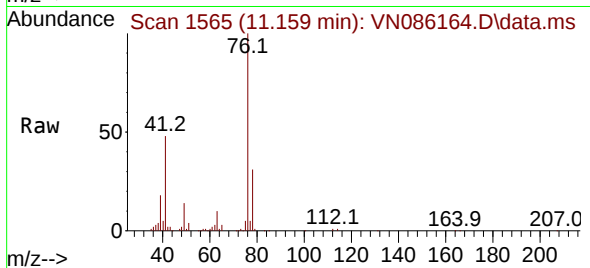
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#58

2-Chloroethyl Vinyl ether

Concen: 293.456 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086164.D

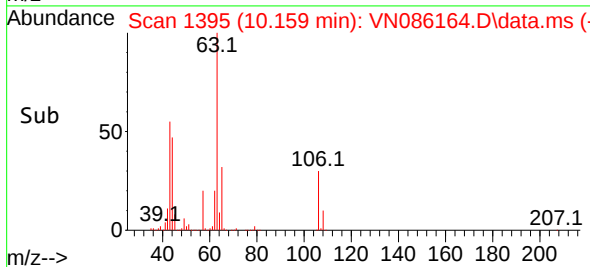
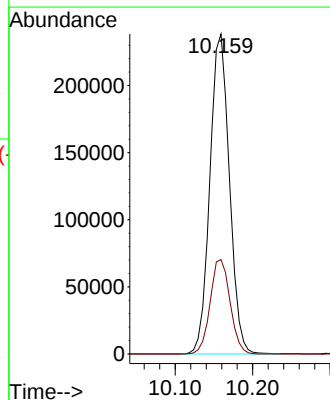
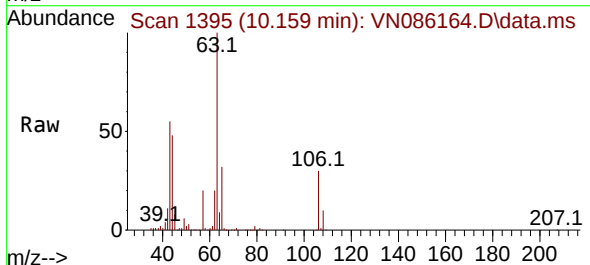
Acq: 28 Mar 2025 20:42

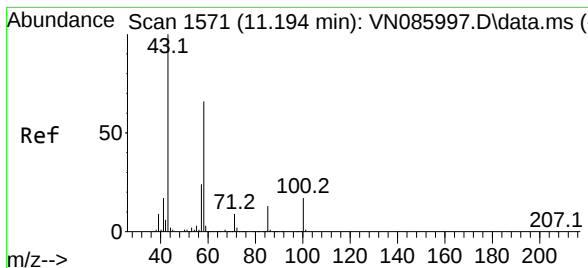
Tgt Ion: 63 Resp: 416791

Ion Ratio Lower Upper

63 100

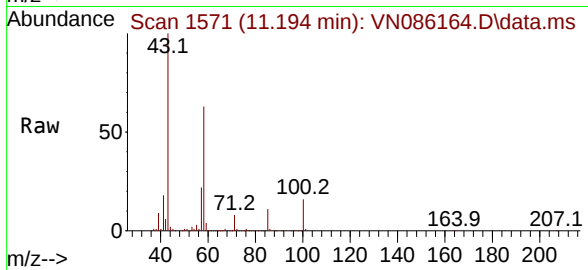
106 30.1 25.0 37.6





#59
2-Hexanone
Concen: 292.519 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

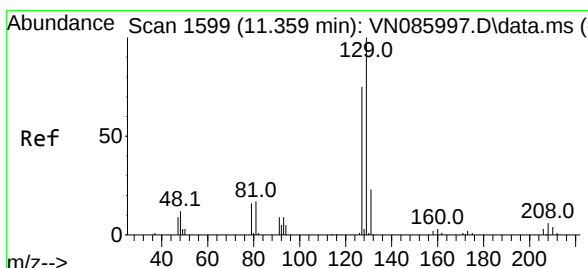
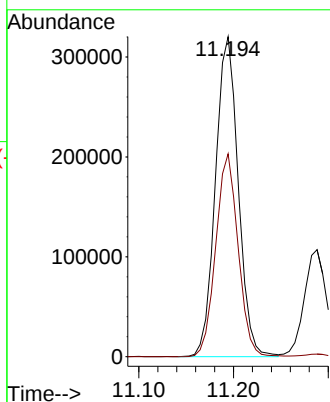
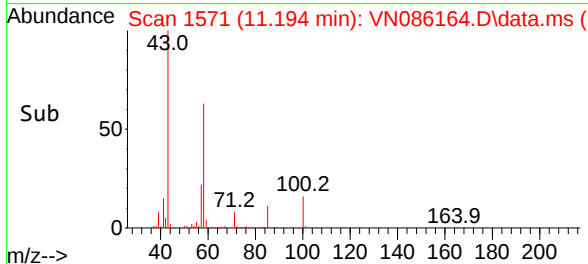
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 43 Resp: 536279
Ion Ratio Lower Upper
43 100
58 62.1 32.4 97.2

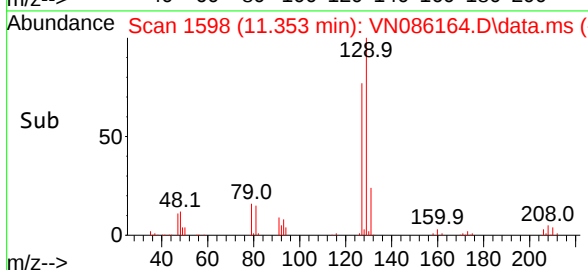
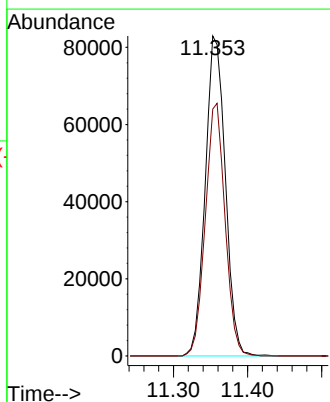
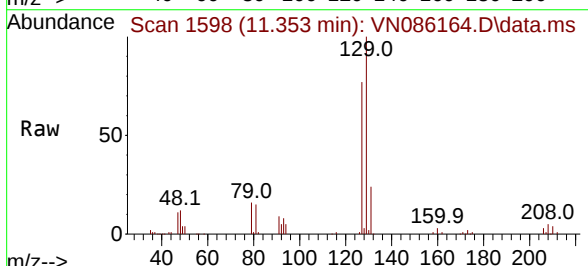
Manual Integrations
APPROVED

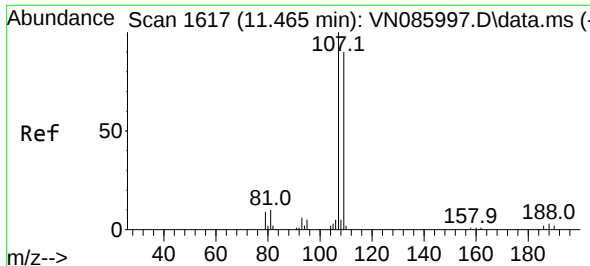
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#60
Dibromochloromethane
Concen: 52.636 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

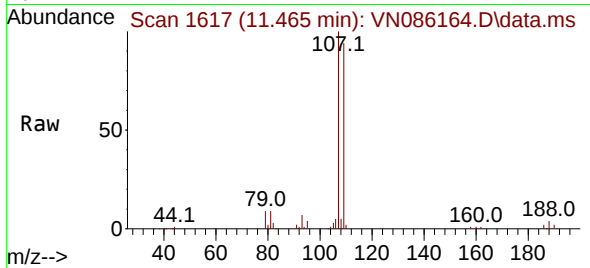
Tgt Ion:129 Resp: 155904
Ion Ratio Lower Upper
129 100
127 77.5 37.8 113.4





#61
1,2-Dibromoethane
Concen: 53.116 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

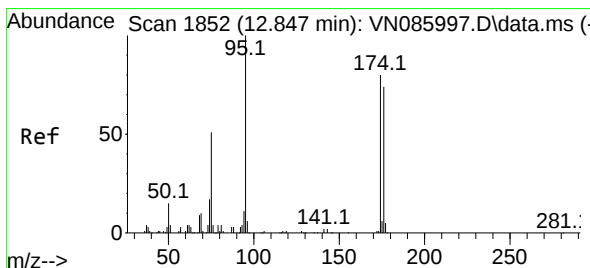
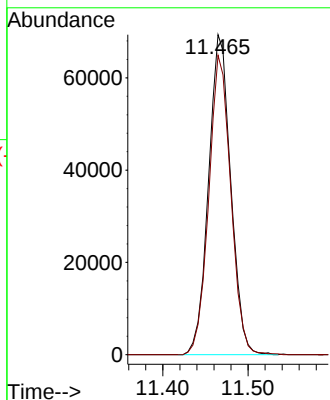
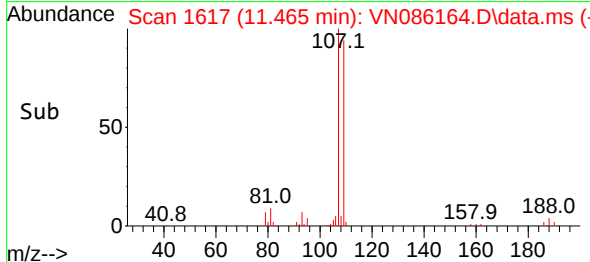
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



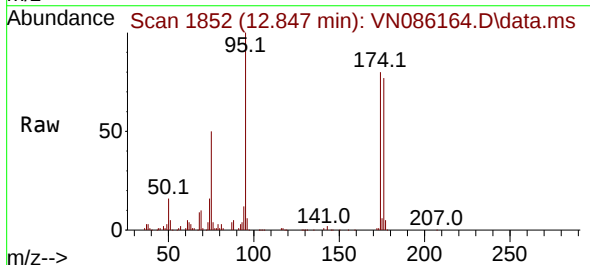
Tgt Ion:107 Resp: 125160
Ion Ratio Lower Upper
107 100
109 93.0 73.3 109.9

Manual Integrations
APPROVED

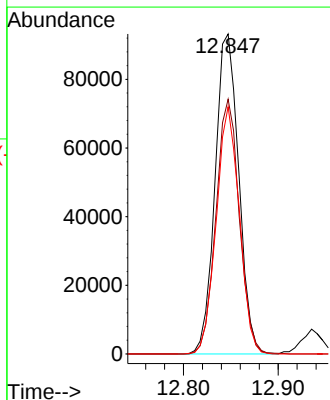
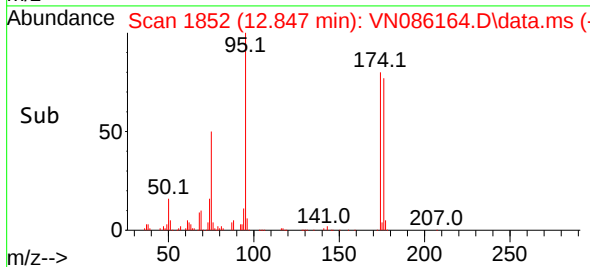
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

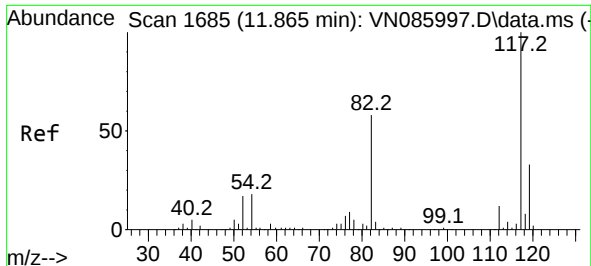


#62
4-Bromofluorobenzene
Concen: 52.623 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



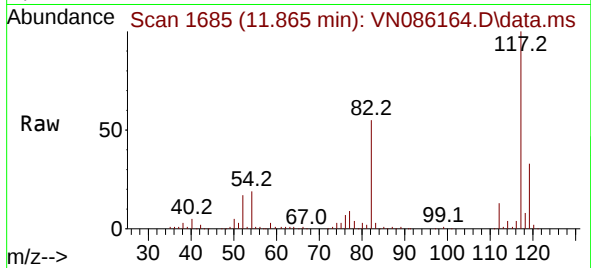
Tgt Ion: 95 Resp: 161458
Ion Ratio Lower Upper
95 100
174 78.9 0.0 156.8
176 75.5 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

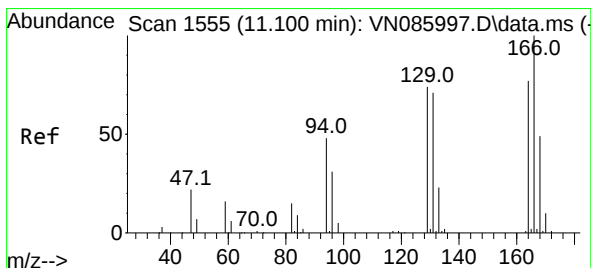
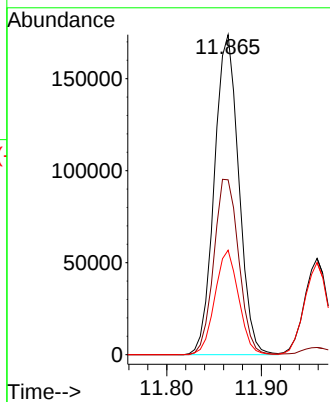
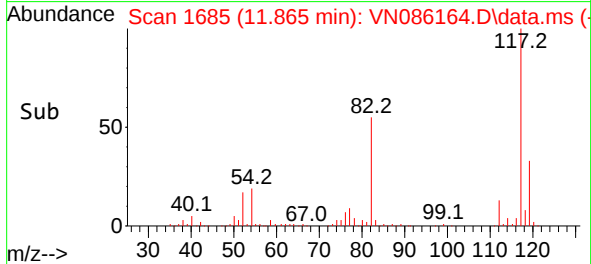
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion:117 Resp: 31191
Ion Ratio Lower Upper
117 100
82 54.7 46.7 70.1
119 32.7 26.5 39.7

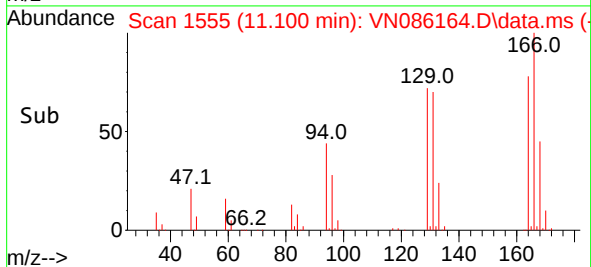
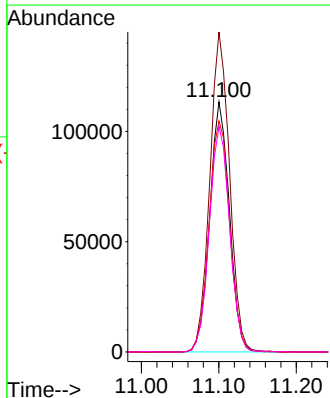
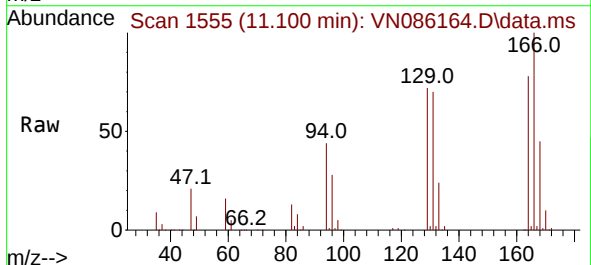
Manual Integrations
APPROVED

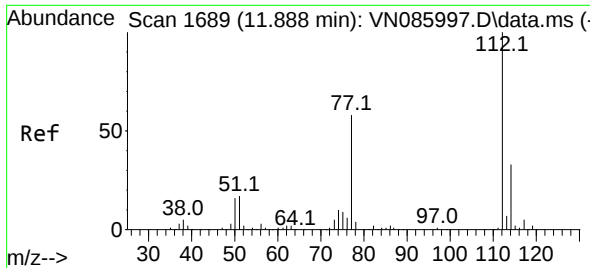
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#64
Tetrachloroethene
Concen: 80.742 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

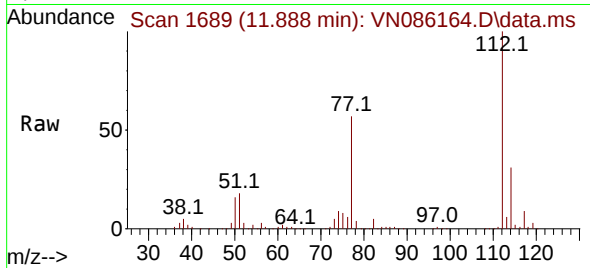
Tgt Ion:164 Resp: 200899
Ion Ratio Lower Upper
164 100
166 128.0 103.7 155.5
129 92.4 77.1 115.7
131 90.2 73.3 109.9





#65
Chlorobenzene
Concen: 50.833 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

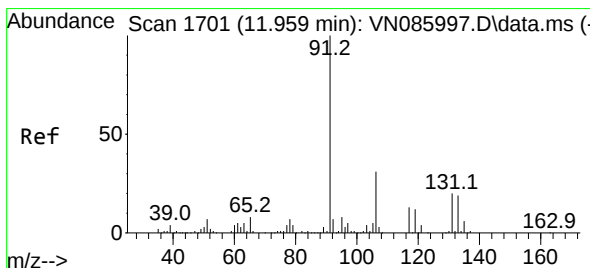
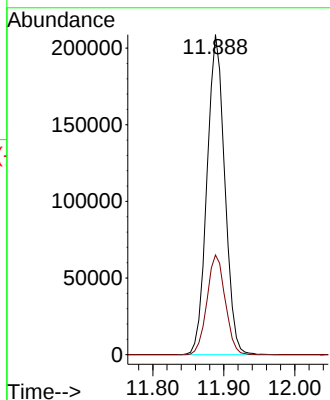
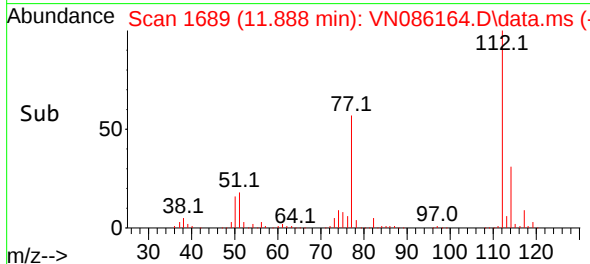
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion:112 Resp: 36281
Ion Ratio Lower Upper
112 100
114 31.1 26.3 39.5

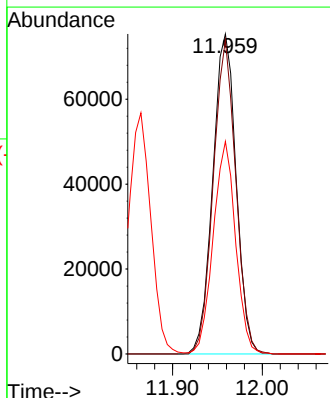
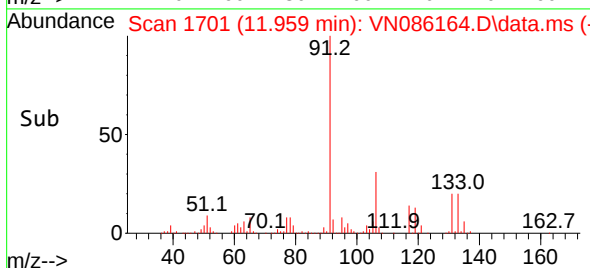
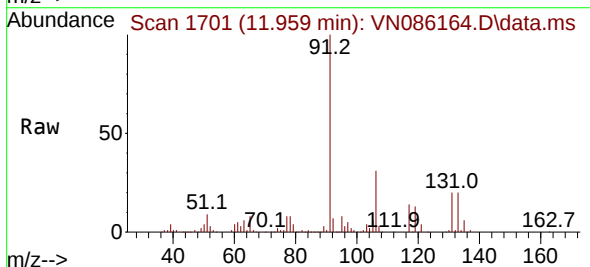
Manual Integrations
APPROVED

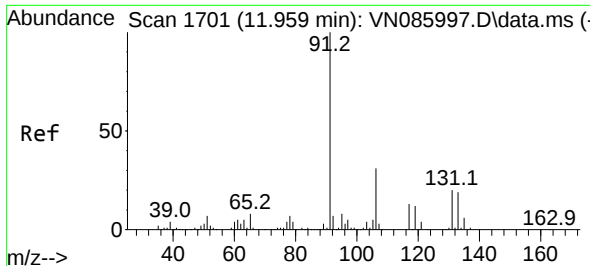
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.254 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

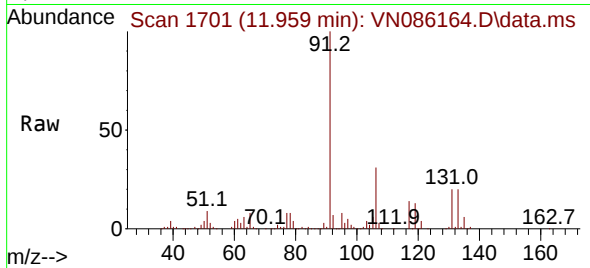
Tgt Ion:131 Resp: 135988
Ion Ratio Lower Upper
131 100
133 94.8 47.0 141.0
119 63.8 31.4 94.0





#67
Ethyl Benzene
Concen: 54.295 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

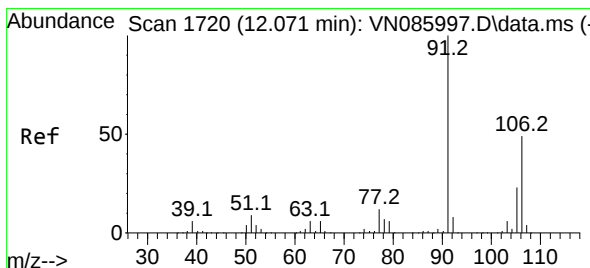
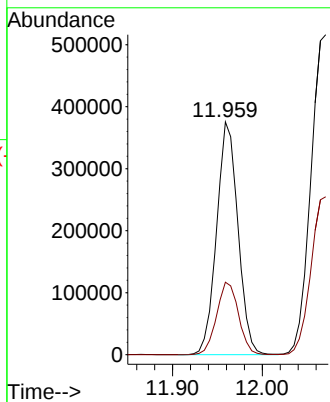
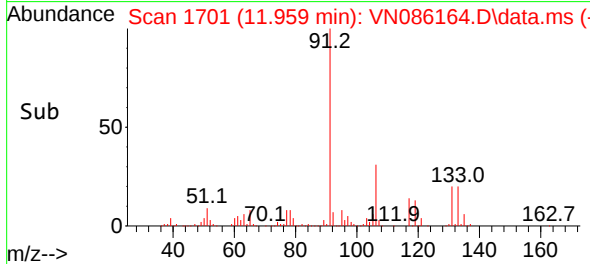
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



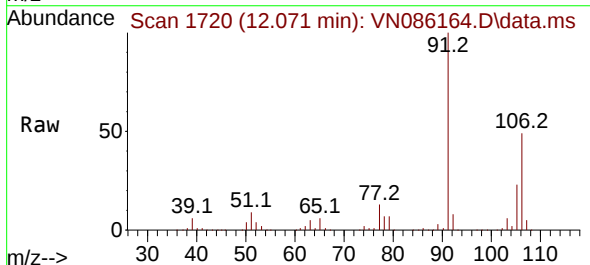
Tgt Ion: 91 Resp: 619894
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

Manual Integrations
APPROVED

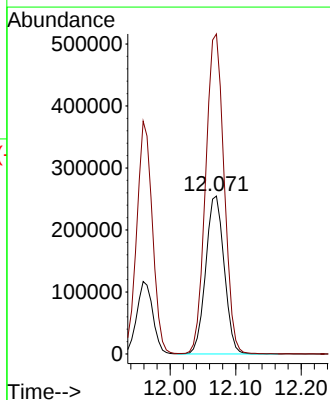
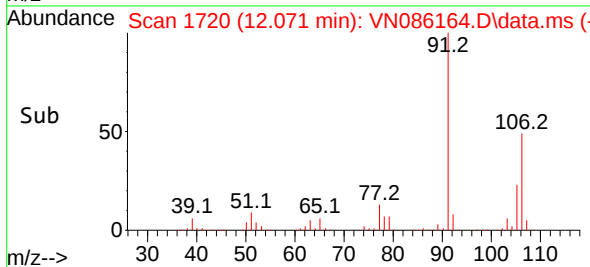
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

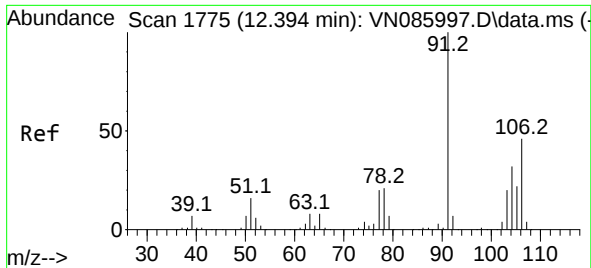


#68
m/p-Xylenes
Concen: 110.900 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



Tgt Ion:106 Resp: 497659
Ion Ratio Lower Upper
106 100
91 202.7 163.9 245.9





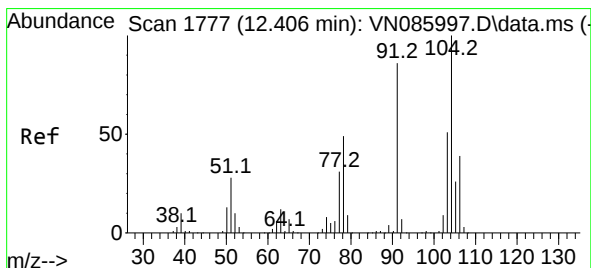
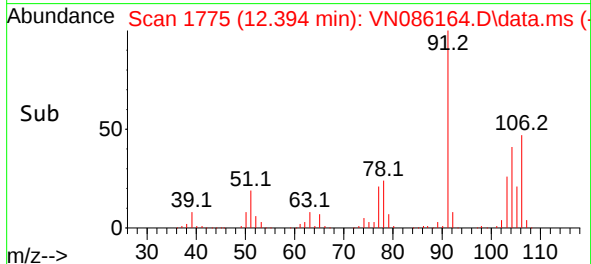
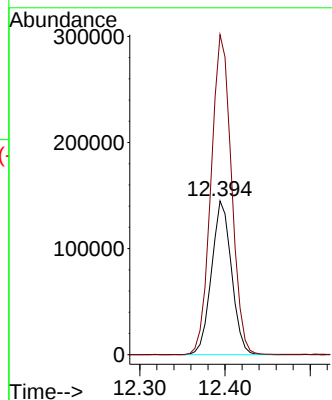
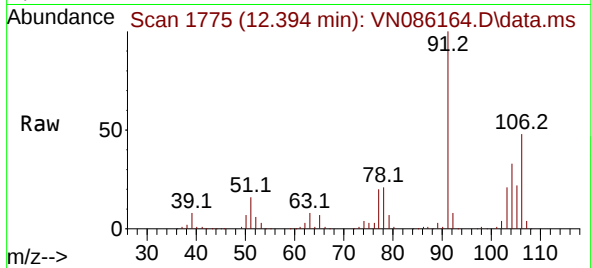
#69
o-Xylene
Concen: 57.235 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD

Tgt Ion:106 Resp: 235729
Ion Ratio Lower Upper
106 100
91 213.5 109.1 327.2

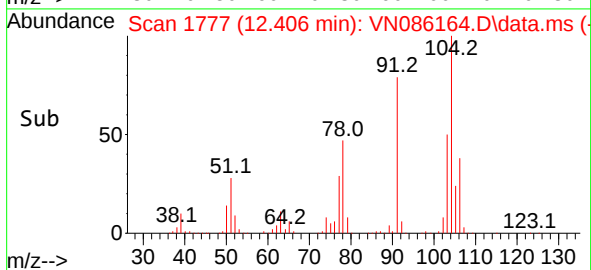
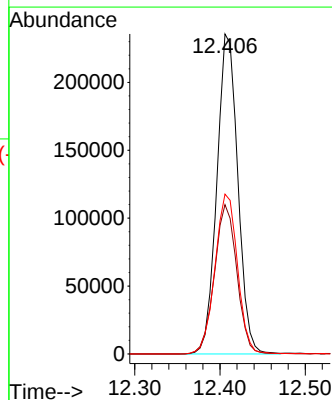
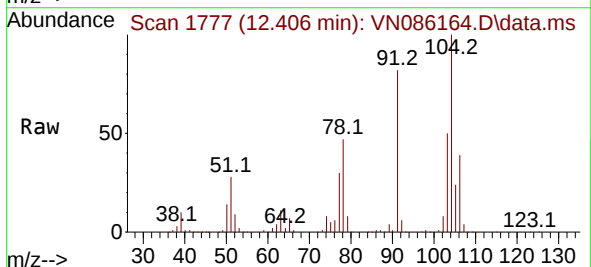
Manual Integrations
APPROVED

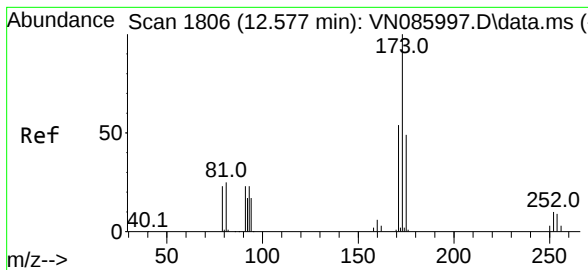
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#70
Styrene
Concen: 57.360 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

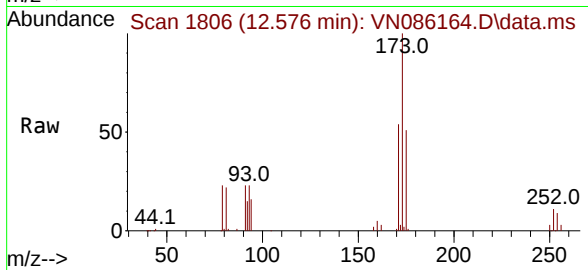
Tgt Ion:104 Resp: 403513
Ion Ratio Lower Upper
104 100
78 49.8 41.4 62.2
103 53.7 42.9 64.3





#71
Bromoform
Concen: 48.194 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

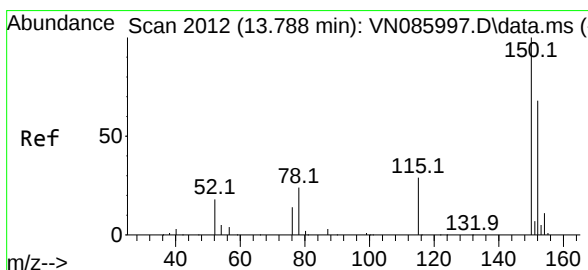
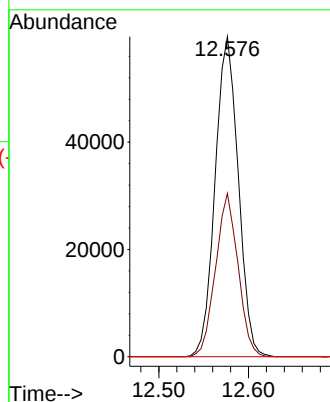
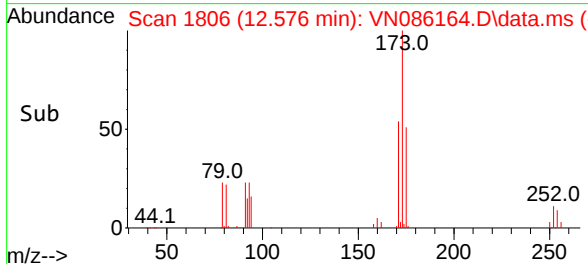
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



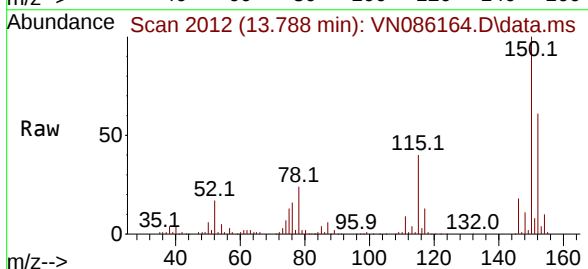
Tgt Ion:173 Resp: 106894
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

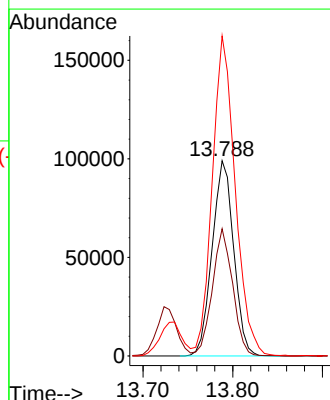
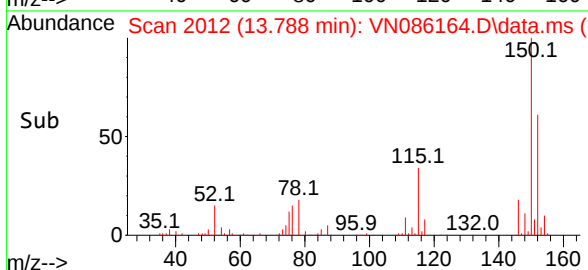
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

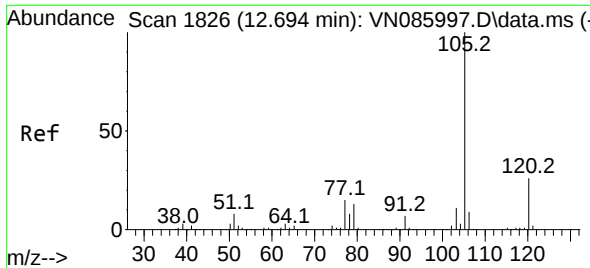


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



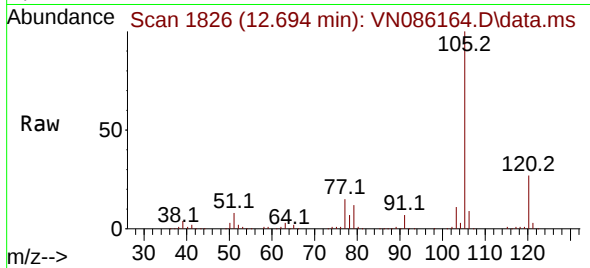
Tgt Ion:152 Resp: 165361
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.2
150 174.4 0.0 359.6





#73
Isopropylbenzene
Concen: 51.526 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

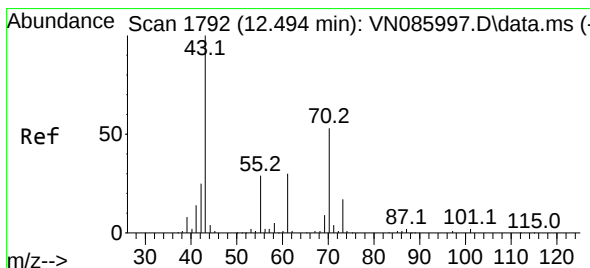
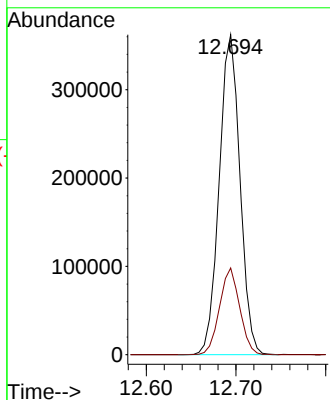
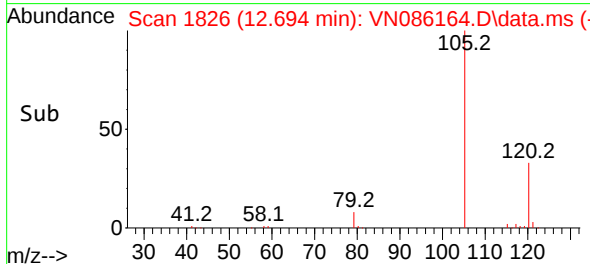
Instrument : MSVOA_N
ClientSampleId : P001-BBDGA-001-01MSD



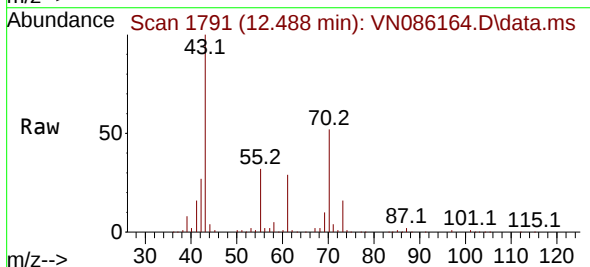
Tgt Ion:105 Resp: 581850
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

Manual Integrations
APPROVED

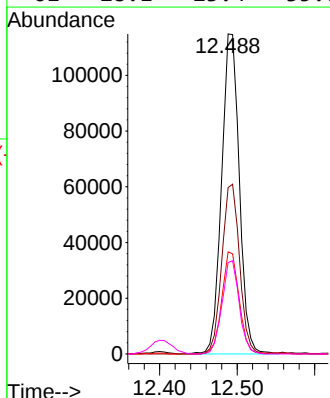
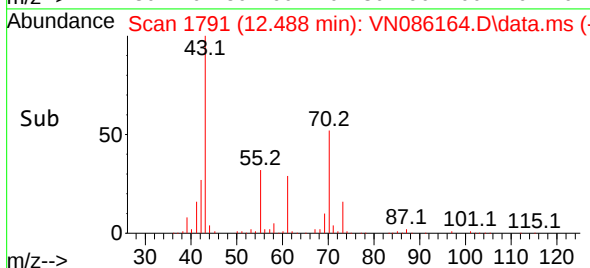
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

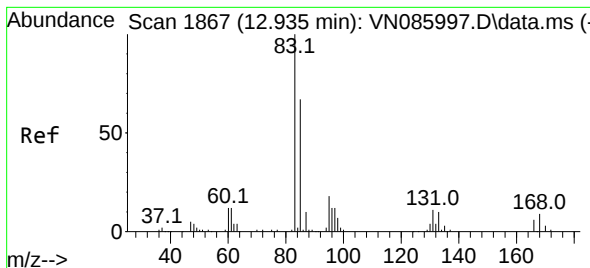


#74
N-ethyl acetate
Concen: 48.497 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



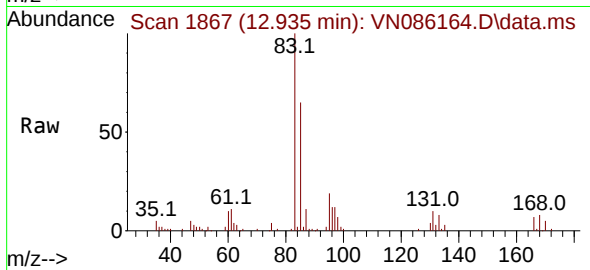
Tgt Ion: 43 Resp: 183222
Ion Ratio Lower Upper
43 100
70 52.8 43.0 64.4
55 31.1 23.8 35.8
61 28.1 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 17.711 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

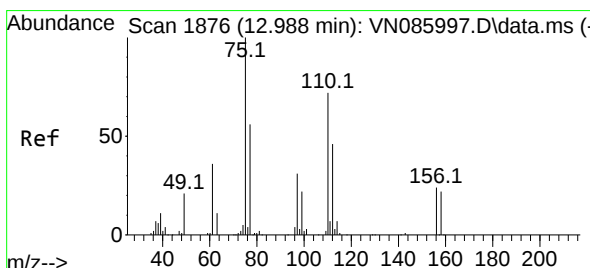
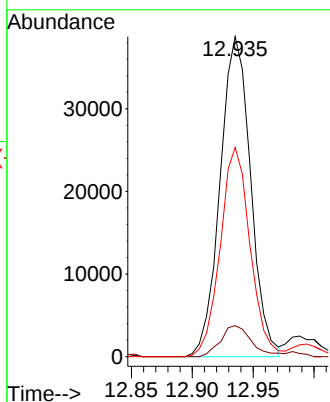
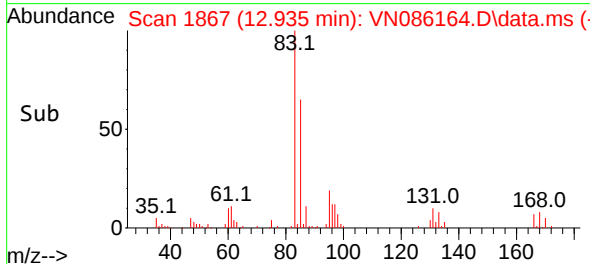
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 83 Resp: 67661
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.0 32.6 97.8

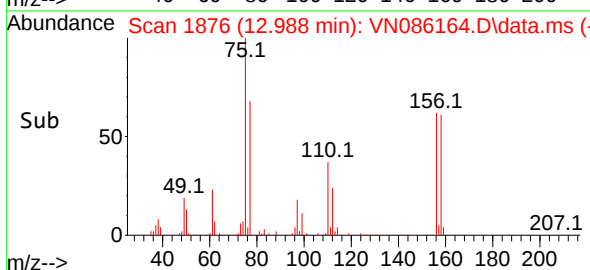
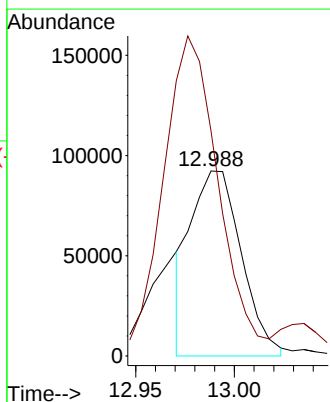
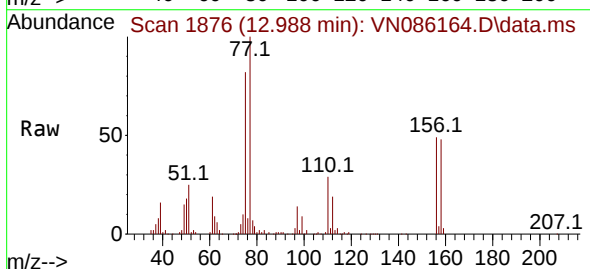
Manual Integrations
APPROVED

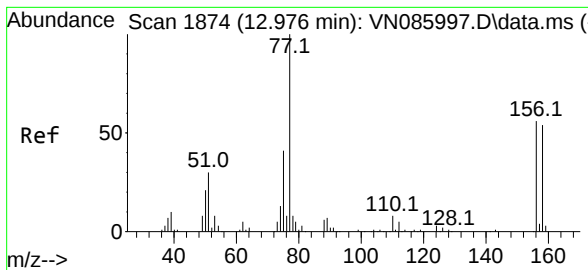
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#76
1,2,3-Trichloropropane
Concen: 44.478 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

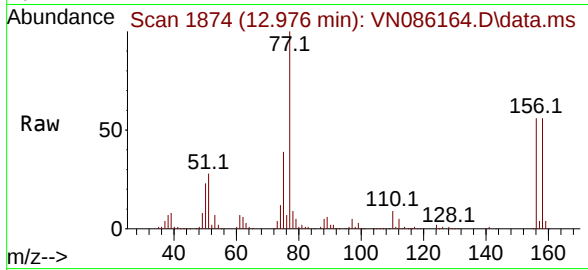
Tgt Ion: 75 Resp: 164661
Ion Ratio Lower Upper
75 100
77 189.7 83.7 251.0





#77
Bromobenzene
Concen: 48.344 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

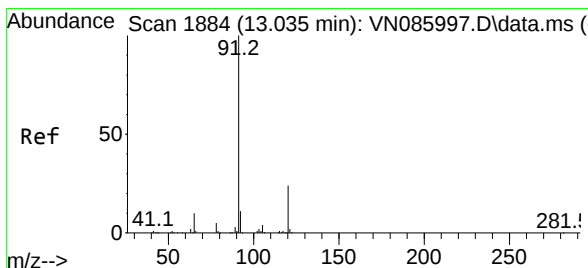
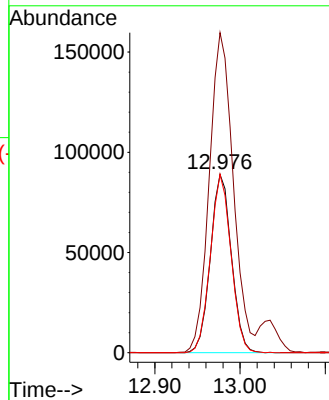
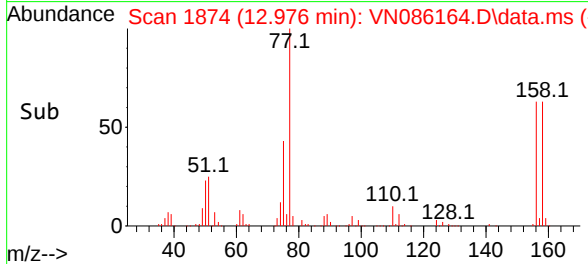
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



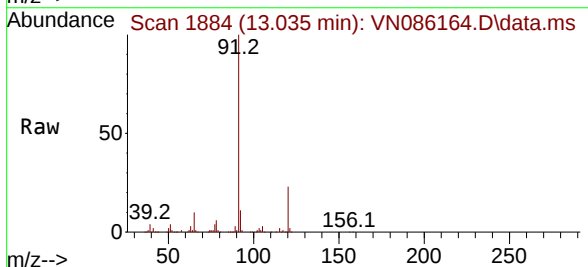
Tgt Ion:156 Resp: 15222
Ion Ratio Lower Upper
156 100
77 205.2 104.1 312.3
158 98.4 49.0 147.0

Manual Integrations
APPROVED

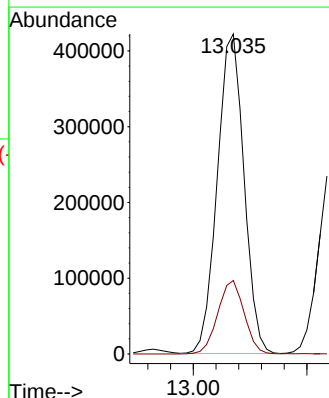
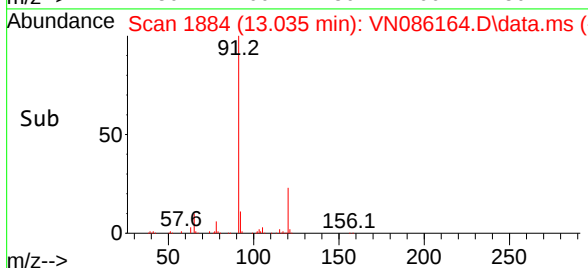
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

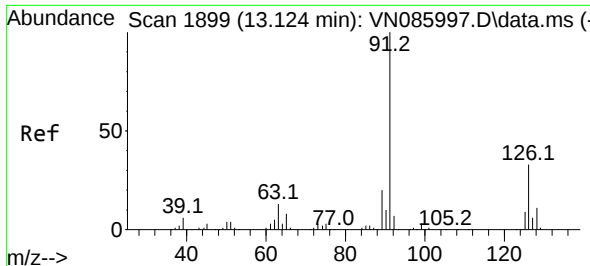


#78
n-propylbenzene
Concen: 53.812 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



Tgt Ion: 91 Resp: 688082
Ion Ratio Lower Upper
91 100
120 22.7 11.7 35.0





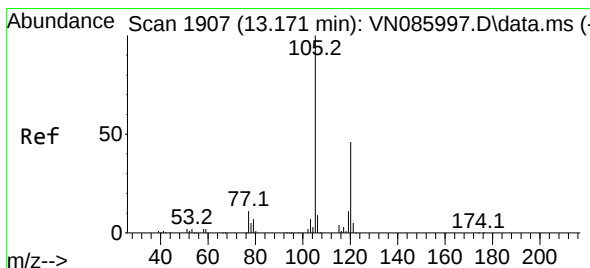
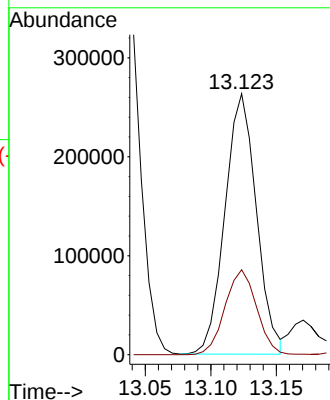
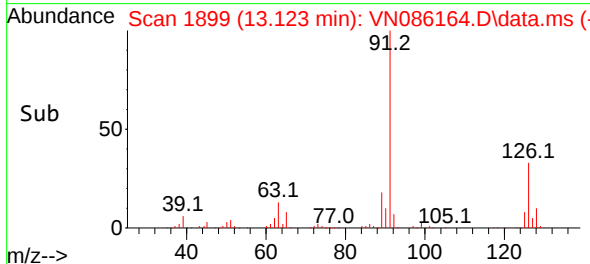
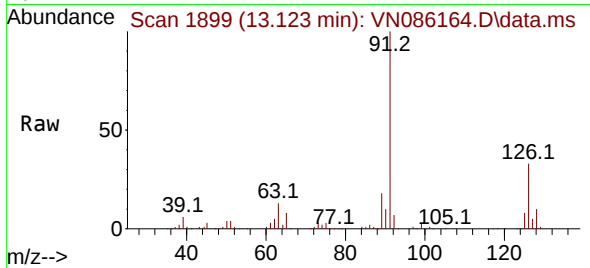
#79
2-Chlorotoluene
Concen: 51.748 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD

Tgt Ion: 91 Resp: 439500
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

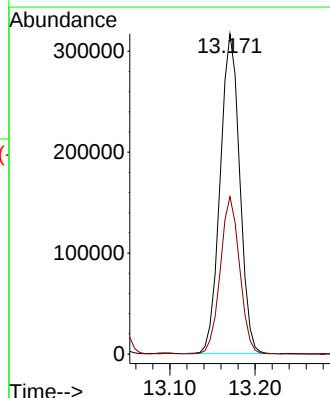
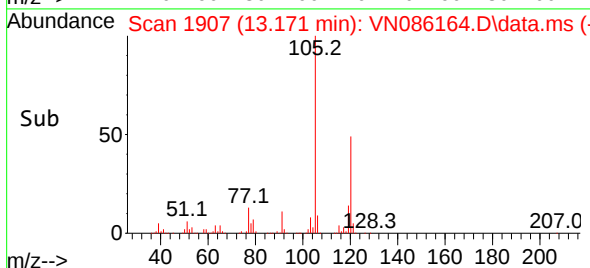
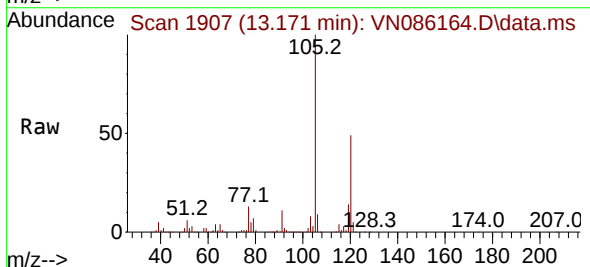
Manual Integrations
APPROVED

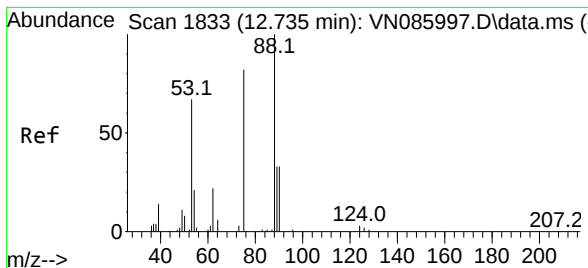
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.010 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

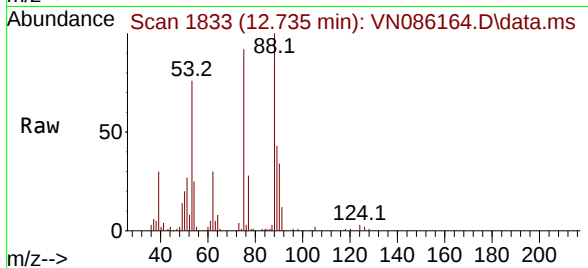
Tgt Ion:105 Resp: 505392
Ion Ratio Lower Upper
105 100
120 48.6 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 47.291 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

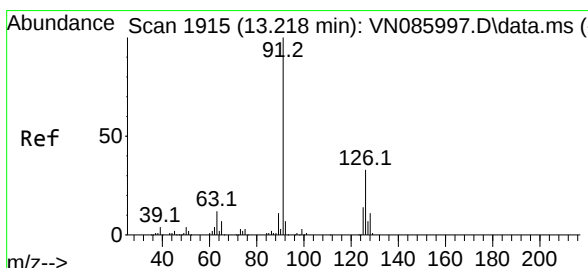
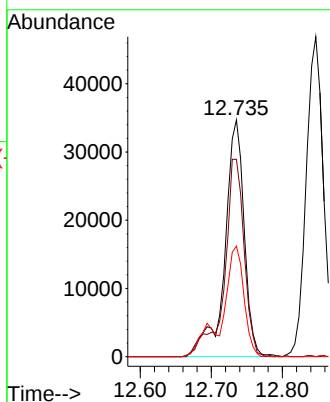
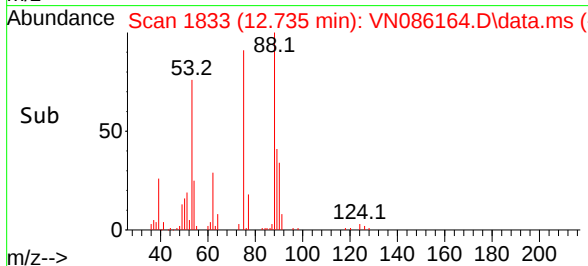
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion: 75 Resp: 6622
Ion Ratio Lower Upper
75 100
53 84.1 66.0 99.0
89 40.1 36.9 55.3

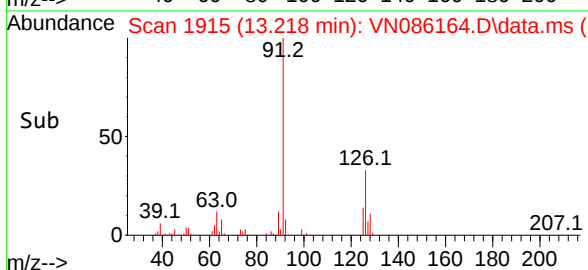
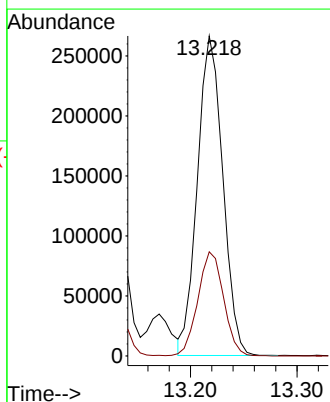
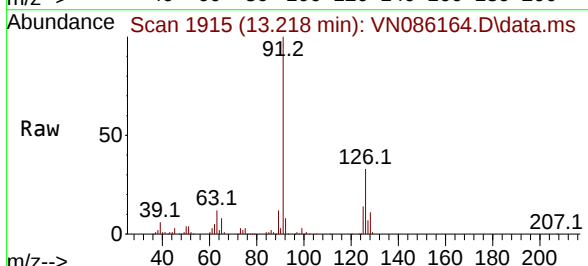
Manual Integrations
APPROVED

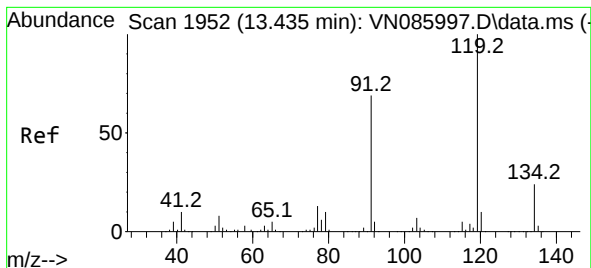
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#82
4-Chlorotoluene
Concen: 50.578 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

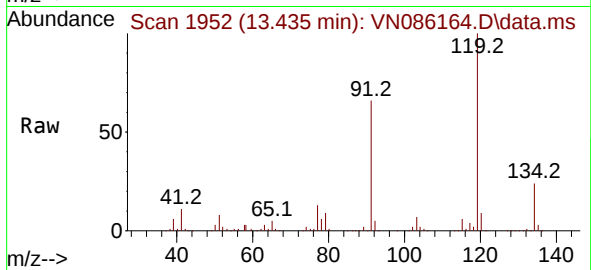
Tgt Ion: 91 Resp: 441745
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.2





#83
tert-Butylbenzene
Concen: 50.663 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

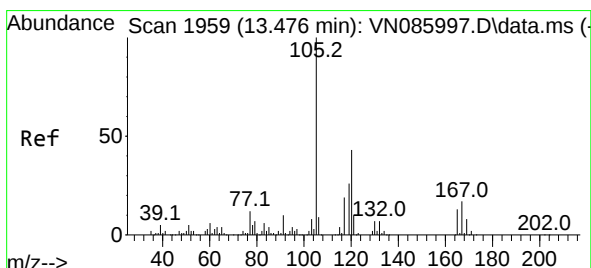
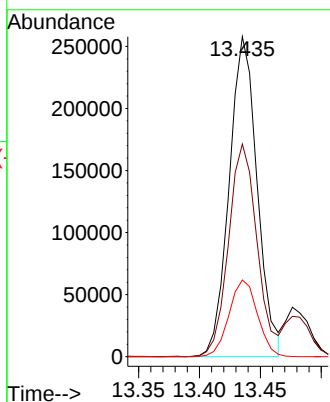
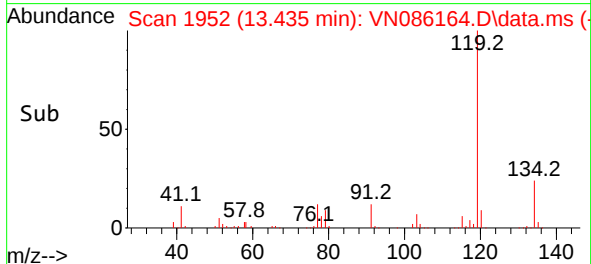
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



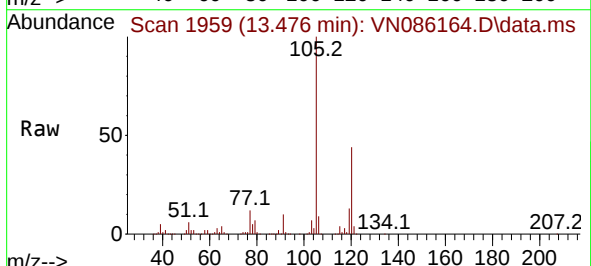
Tgt Ion:119 Resp: 41310
Ion Ratio Lower Upper
119 100
91 67.9 34.3 102.9
134 24.3 13.5 40.5

Manual Integrations
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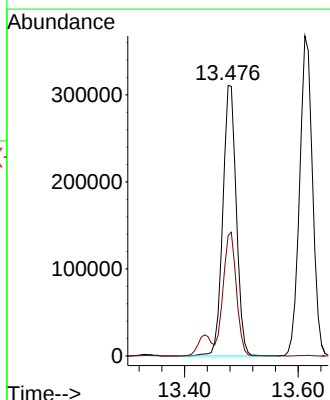
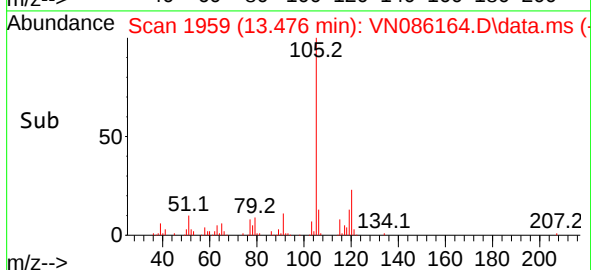
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

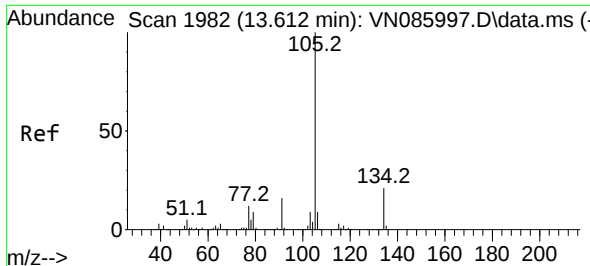


#84
1,2,4-Trimethylbenzene
Concen: 53.586 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42



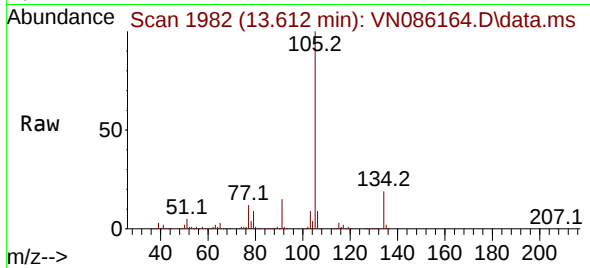
Tgt Ion:105 Resp: 515282
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 54.431 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086164.D
 Acq: 28 Mar 2025 20:42

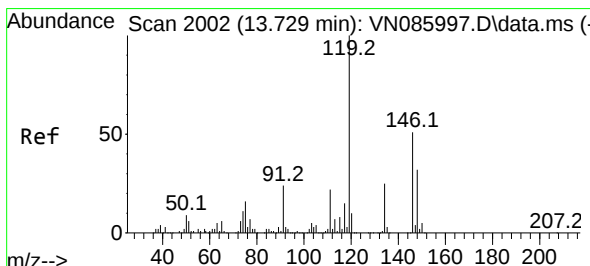
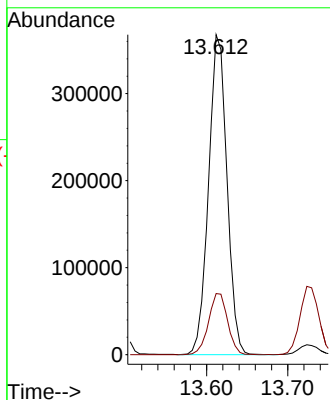
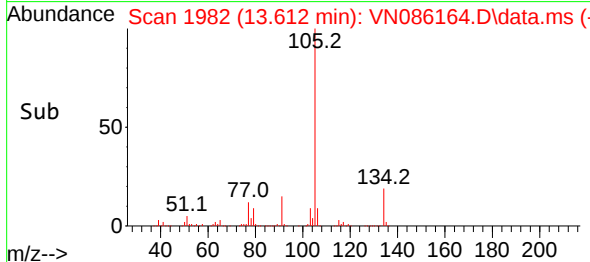
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-BBDGA-001-01MSD



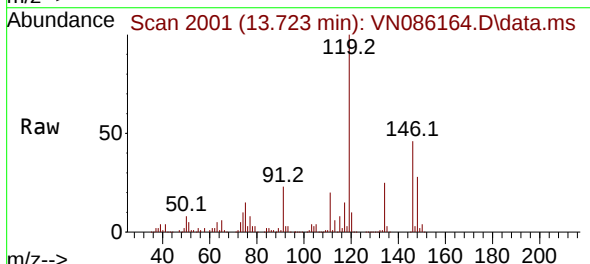
Tgt Ion:105 Resp: 578990
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

Manual Integrations
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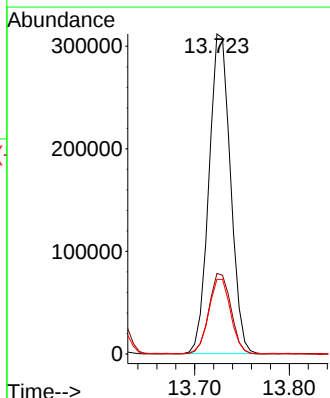
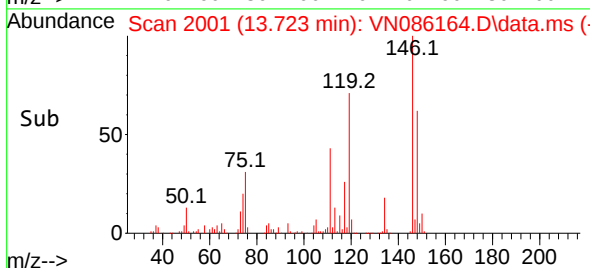
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025

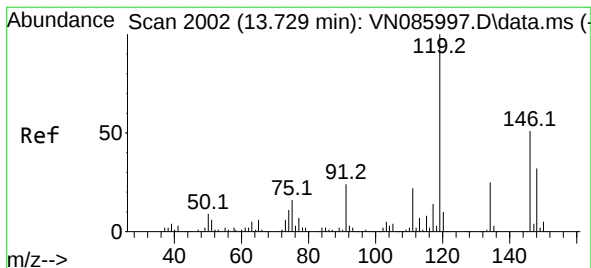


#86
 p-Isopropyltoluene
 Concen: 54.580 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086164.D
 Acq: 28 Mar 2025 20:42



Tgt Ion:119 Resp: 491467
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 50.267 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086164.D

Acq: 28 Mar 2025 20:42

Instrument :

MSVOA_N

ClientSampleId :

P001-BBDGA-001-01MSD

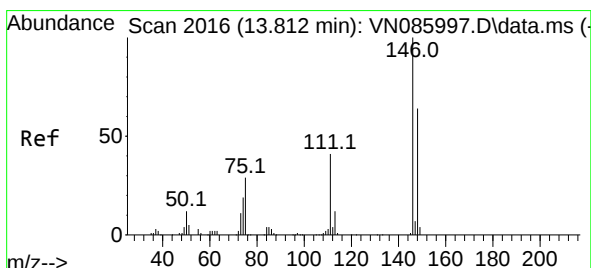
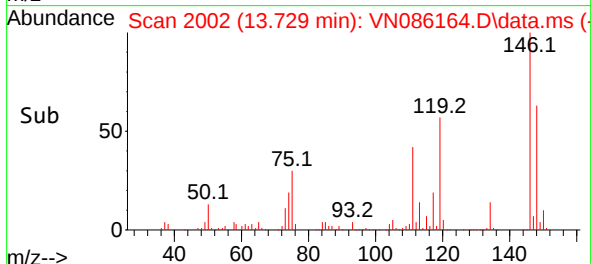
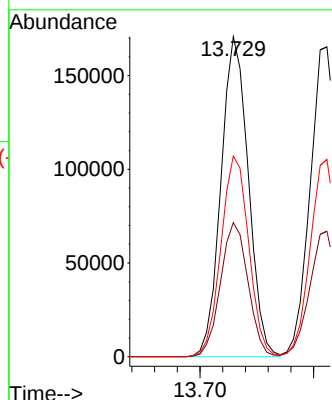
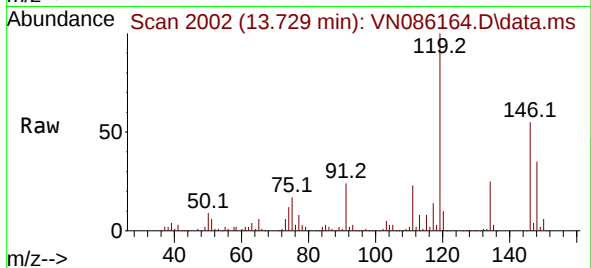
Tgt Ion:146 Resp: 285290
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.2 63.6
 148 63.8 31.8 95.4

Manual Integrations

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Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#88

1,4-Dichlorobenzene

Concen: 47.471 ug/l

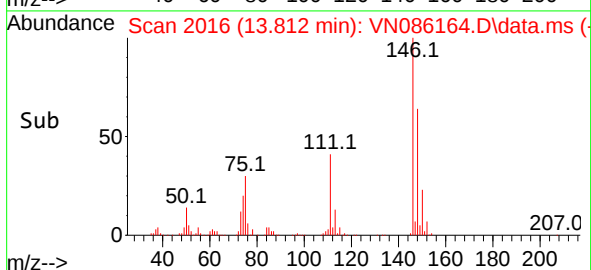
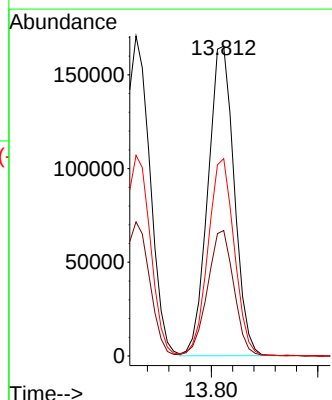
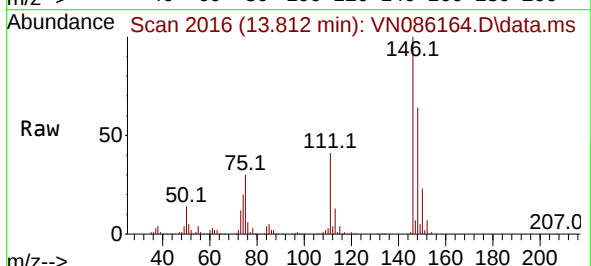
RT: 13.812 min Scan# 2016

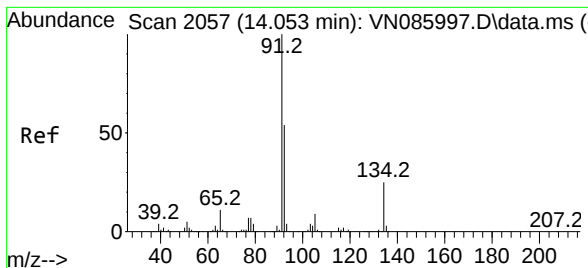
Delta R.T. -0.000 min

Lab File: VN086164.D

Acq: 28 Mar 2025 20:42

Tgt Ion:146 Resp: 283074
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.3
 148 63.8 32.1 96.5





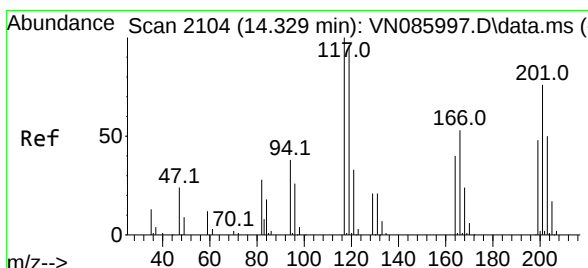
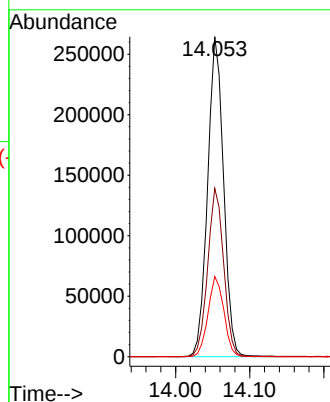
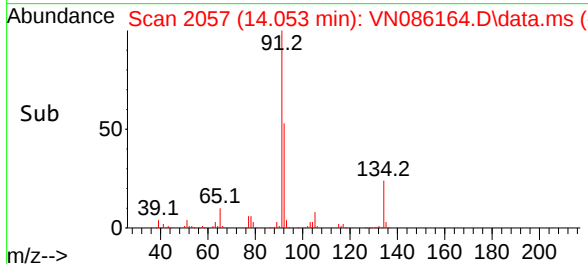
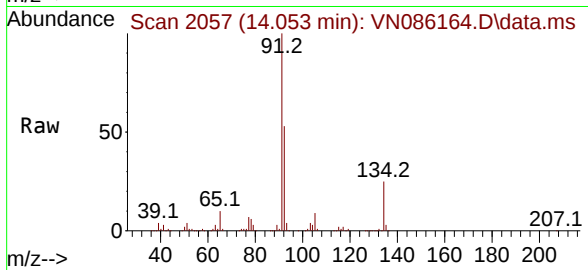
#89
n-Butylbenzene
Concen: 53.978 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD

Tgt Ion: 91 Resp: 395798
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.6
134 24.9 13.0 39.0

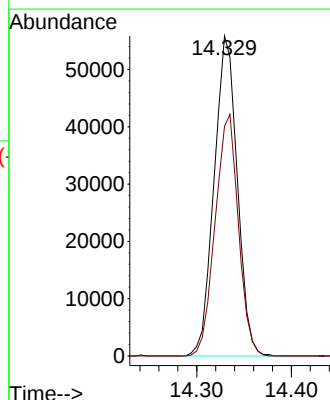
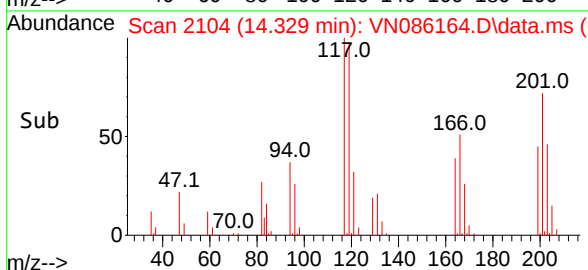
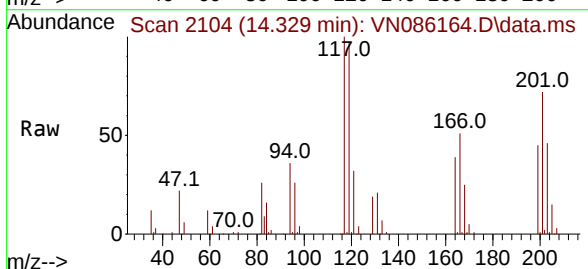
Manual Integrations
APPROVED

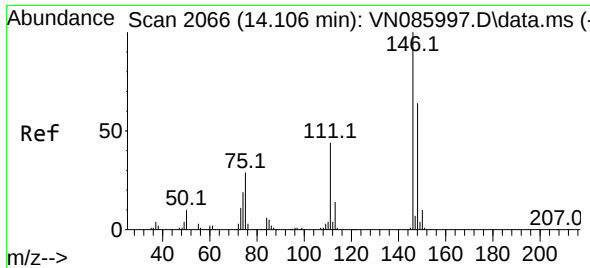
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#90
Hexachloroethane
Concen: 45.756 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Tgt Ion:117 Resp: 95068
Ion Ratio Lower Upper
117 100
201 75.6 39.1 117.3





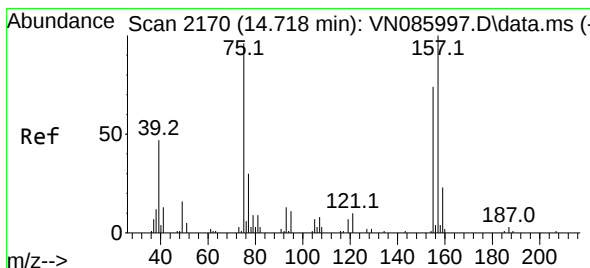
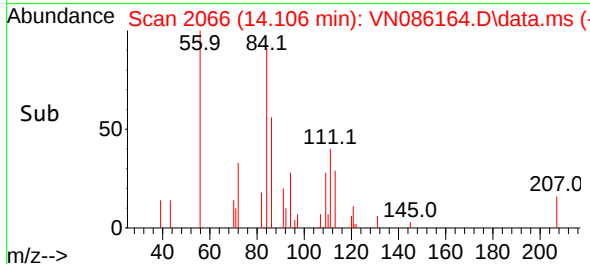
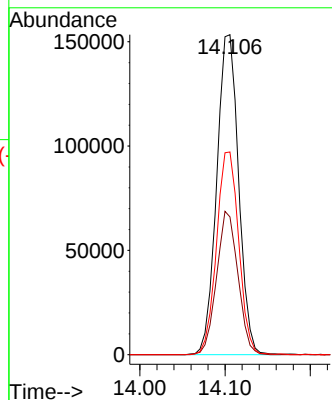
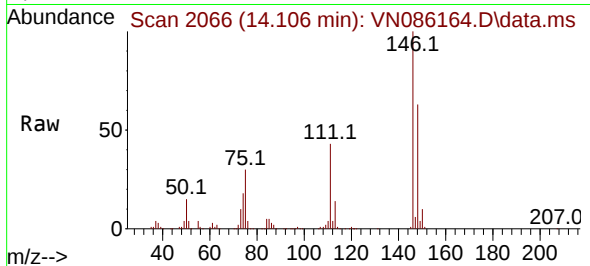
#91
1,2-Dichlorobenzene
Concen: 48.605 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD

Tgt Ion:146 Resp: 27423
Ion Ratio Lower Upper
146 100
111 43.7 22.3 66.8
148 64.2 32.1 96.5

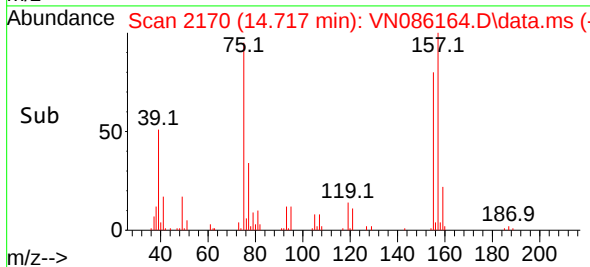
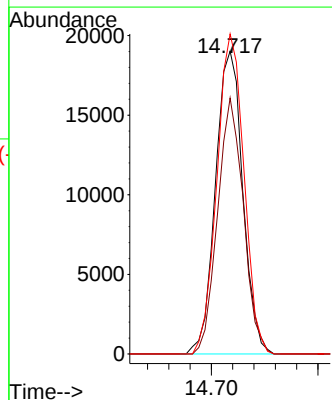
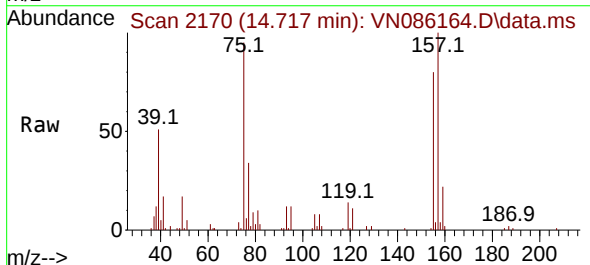
Manual Integrations
APPROVED

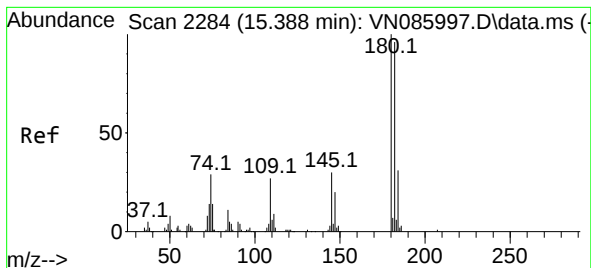
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.299 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Tgt Ion: 75 Resp: 33782
Ion Ratio Lower Upper
75 100
155 80.0 41.0 123.0
157 104.7 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 47.549 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086164.D

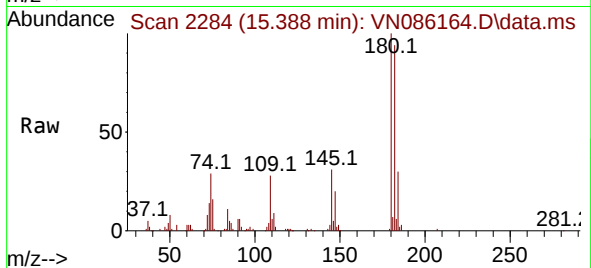
Acq: 28 Mar 2025 20:42

Instrument :

MSVOA_N

ClientSampleId :

P001-BBDGA-001-01MSD



Tgt Ion:180 Resp: 13489

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.0

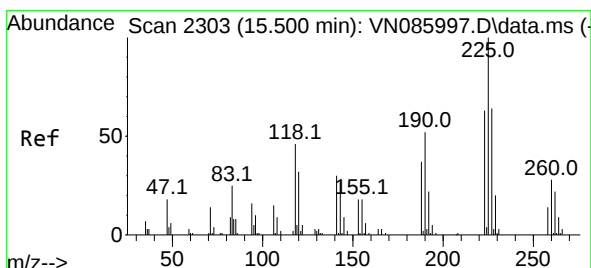
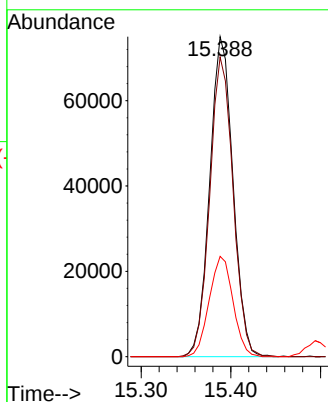
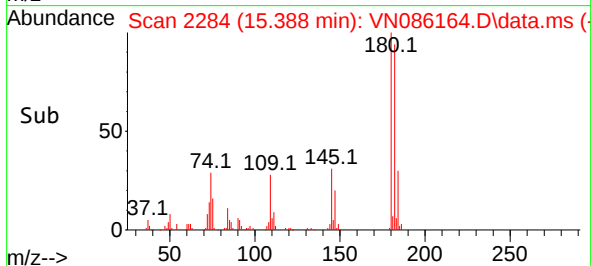
145 32.1 15.5 46.5

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#94

Hexachlorobutadiene

Concen: 41.999 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086164.D

Acq: 28 Mar 2025 20:42

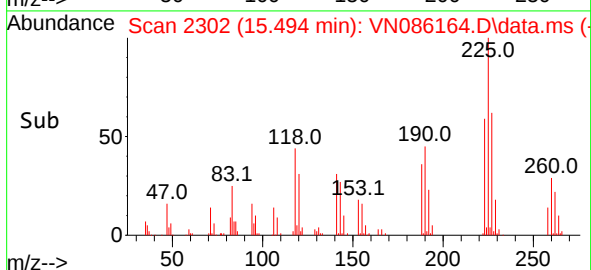
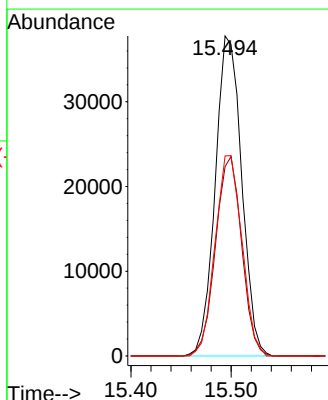
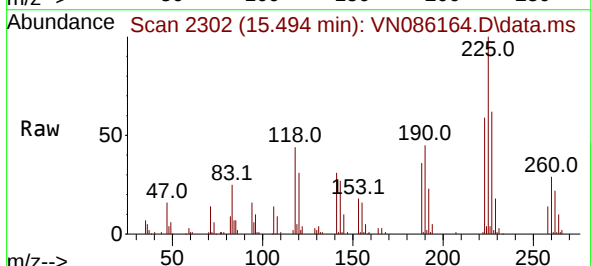
Tgt Ion:225 Resp: 69127

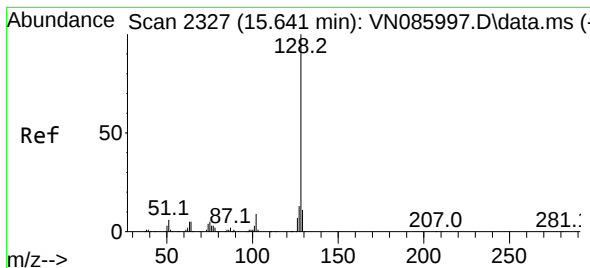
Ion Ratio Lower Upper

225 100

223 61.5 31.3 93.9

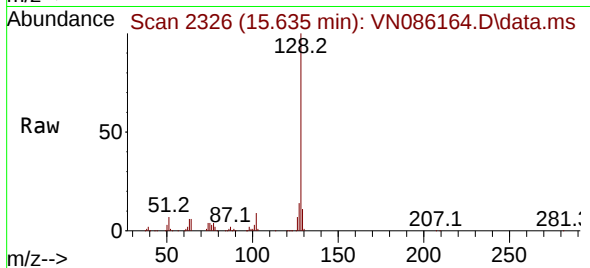
227 63.6 32.1 96.3





#95
Naphthalene
Concen: 48.351 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

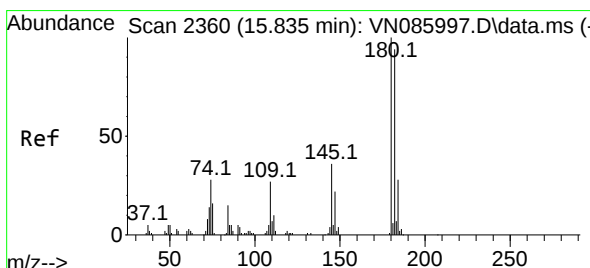
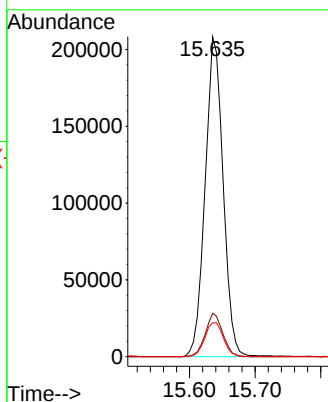
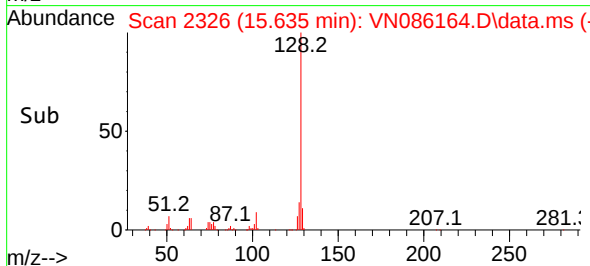
Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MSD



Tgt Ion:128 Resp: 397198
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.0 9.0 13.6

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Supervised By :Mahesh Dadoda 03/31/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.911 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086164.D
Acq: 28 Mar 2025 20:42

Tgt Ion:180 Resp: 134358
Ion Ratio Lower Upper
180 100
182 93.2 47.5 142.5
145 33.7 17.7 53.1

