

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN086001.D
 Acq On : 18 Mar 2025 14:09
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 19 02:57:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 02:30:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	83272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1979	1.024	ug/l	86
3) Chloromethane	2.359	50	1992	1.176	ug/l	99
4) Vinyl Chloride	2.512	62	1726	0.996	ug/l #	74
6) Chloroethane	3.124	64	1302	1.192	ug/l	90
7) Trichlorofluoromethane	3.500	101	3696	1.187	ug/l	86
8) Diethyl Ether	3.959	74	980	1.028	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.365	101	1923m	1.162	ug/l	
12) 1,1-Dichloroethene	4.347	96	1210	0.810	ug/l #	69
14) Allyl chloride	5.024	41	1936	1.039	ug/l #	85
15) Acrylonitrile	5.724	53	3682	4.930	ug/l #	68
16) Acetone	4.436	43	3256	5.336	ug/l	99
17) Carbon Disulfide	4.706	76	6146	1.251	ug/l #	94
18) Methyl Acetate	5.024	43	1947	1.290	ug/l #	77
19) Methyl tert-butyl Ether	5.794	73	4880	0.997	ug/l #	91
20) Methylene Chloride	5.271	84	2132	1.194	ug/l #	80
21) trans-1,2-Dichloroethene	5.794	96	1725	1.056	ug/l #	76
22) Diisopropyl ether	6.677	45	3402m	0.856	ug/l	
23) Vinyl Acetate	6.606	43	12634	4.195	ug/l	98
24) 1,1-Dichloroethane	6.577	63	3295m	1.128	ug/l	
25) 2-Butanone	7.482	43	4310	4.895	ug/l	95
26) 2,2-Dichloropropane	7.482	77	2930	1.042	ug/l #	68
27) cis-1,2-Dichloroethene	7.488	96	1845	0.994	ug/l	90
28) Bromochloromethane	7.812	49	1520	1.228	ug/l #	98
29) Tetrahydrofuran	7.841	42	2219	4.082	ug/l #	81
30) Chloroform	7.959	83	3631	1.125	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	3278	1.072	ug/l #	42
36) 1,1-Dichloropropene	8.376	75	2281	0.994	ug/l	97
37) Ethyl Acetate	7.559	43	1939m	1.002	ug/l	
38) Carbon Tetrachloride	8.365	117	3114	1.032	ug/l #	95
39) Methylcyclohexane	9.594	83	2186	0.960	ug/l	92
40) Benzene	8.606	78	7317	1.016	ug/l	96
41) Methacrylonitrile	7.777	41	657	0.711	ug/l #	72
42) 1,2-Dichloroethane	8.671	62	2601	1.036	ug/l	80
43) Isopropyl Acetate	8.694	43	5607	1.334	ug/l #	75
44) Trichloroethene	9.347	130	2173	1.164	ug/l	74
45) 1,2-Dichloropropane	9.623	63	1541	0.941	ug/l #	83

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN086001.D
 Acq On : 18 Mar 2025 14:09
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

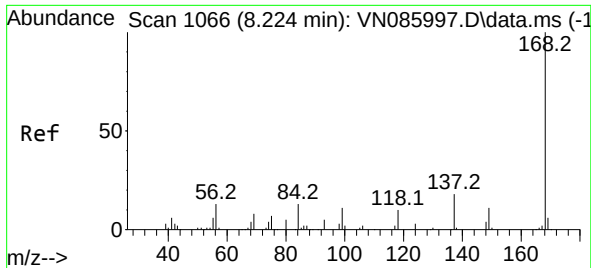
Quant Time: Mar 19 02:57:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 02:30:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

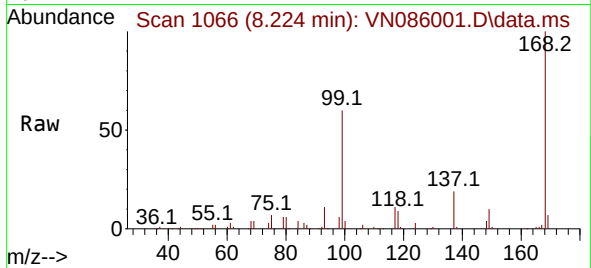
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.700	93	1370	1.064	ug/l	90
47) Bromodichloromethane	9.882	83	2680	0.995	ug/l #	82
48) Methyl methacrylate	9.682	41	1275	0.921	ug/l #	77
49) 1,4-Dioxane	9.688	88	458	13.999	ug/l #	47
51) 4-Methyl-2-Pentanone	10.447	43	7154	3.868	ug/l	94
52) Toluene	10.629	92	3631	0.821	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	2225	0.851	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	2318	0.840	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	1670	0.990	ug/l #	86
56) Ethyl methacrylate	10.870	69	1488	0.886	ug/l	90
57) 1,3-Dichloropropane	11.159	76	2752	0.960	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	3357	7.514	ug/l	99
59) 2-Hexanone	11.194	43	5032	3.734	ug/l	87
60) Dibromochloromethane	11.359	129	2077	0.954	ug/l	92
61) 1,2-Dibromoethane	11.465	107	1624	0.938	ug/l	94
64) Tetrachloroethene	11.106	164	1792	1.086	ug/l	92
65) Chlorobenzene	11.888	112	5000	1.056	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.953	131	1843	1.047	ug/l #	66
67) Ethyl Benzene	11.964	91	6561	0.866	ug/l	99
68) m/p-Xylenes	12.070	106	5319	1.787	ug/l	82
69) o-Xylene	12.400	106	2200	0.805	ug/l	92
70) Styrene	12.412	104	3823	0.819	ug/l	87
71) Bromoform	12.576	173	1536	1.044	ug/l #	91
73) Isopropylbenzene	12.694	105	5061	0.890	ug/l	97
74) N-amyl acetate	12.494	43	1639	0.861	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	2184	1.135	ug/l #	91
76) 1,2,3-Trichloropropane	12.994	75	1541m	0.812	ug/l	
77) Bromobenzene	12.976	156	1666	1.051	ug/l	98
78) n-propylbenzene	13.035	91	5242	0.814	ug/l	98
79) 2-Chlorotoluene	13.129	91	3888	0.909	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	3984	0.830	ug/l	97
82) 4-Chlorotoluene	13.223	91	4068	0.925	ug/l	100
83) tert-Butylbenzene	13.435	119	3963	0.965	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	3881	0.801	ug/l	97
85) sec-Butylbenzene	13.617	105	4035	0.753	ug/l	99
86) p-Isopropyltoluene	13.723	119	3477	0.767	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	2812	0.984	ug/l	92
88) 1,4-Dichlorobenzene	13.811	146	3403m	1.133	ug/l	
89) n-Butylbenzene	14.053	91	3124	0.846	ug/l	93
90) Hexachloroethane	14.335	117	1276	1.220	ug/l	76
91) 1,2-Dichlorobenzene	14.100	146	3337	1.174	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	319	0.831	ug/l #	20
93) 1,2,4-Trichlorobenzene	15.388	180	1497	1.048	ug/l	94
94) Hexachlorobutadiene	15.500	225	965	1.164	ug/l	80
95) Naphthalene	15.641	128	4162	1.006	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.829	180	1329	0.980	ug/l #	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

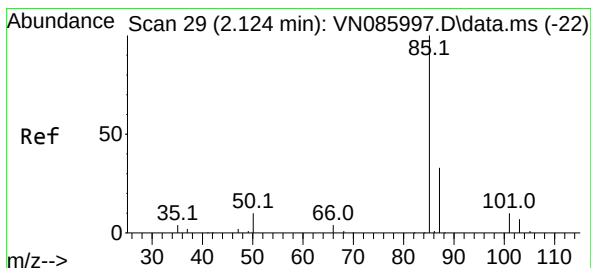
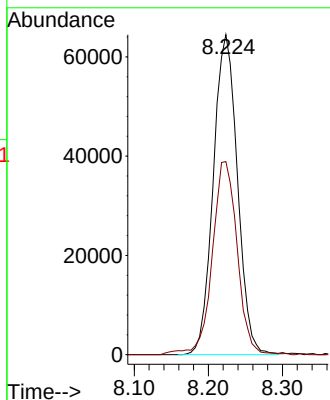
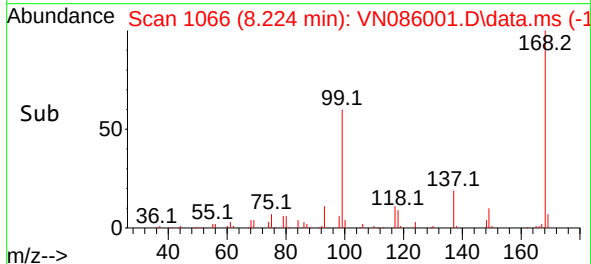
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



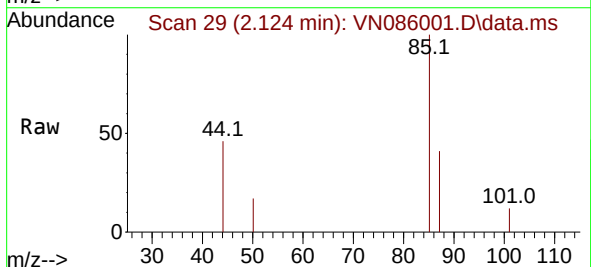
Tgt Ion:168 Resp: 14585
Ion Ratio Lower Upper
168 100
99 60.0 49.4 74.2

Manual Integrations
APPROVED

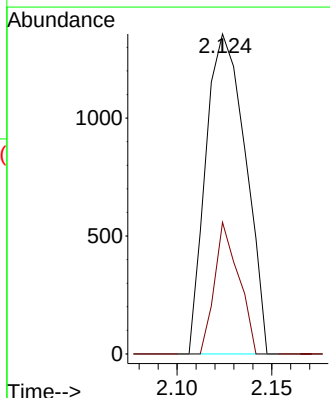
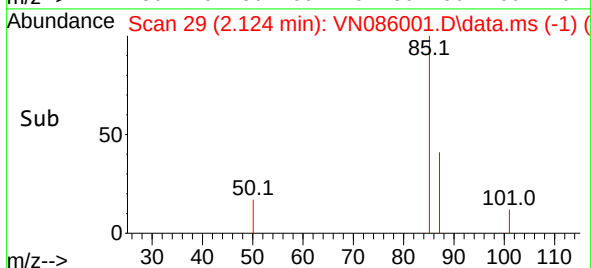
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

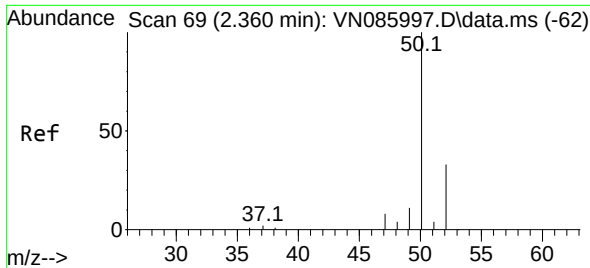


#2
Dichlorodifluoromethane
Concen: 1.024 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



Tgt Ion: 85 Resp: 1979
Ion Ratio Lower Upper
85 100
87 41.1 16.5 49.5





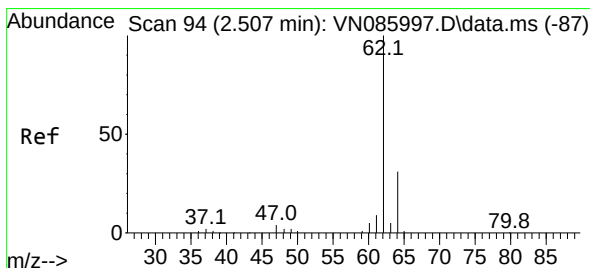
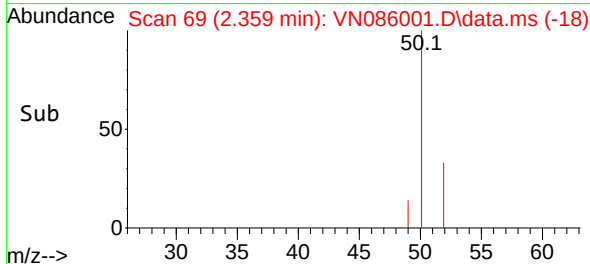
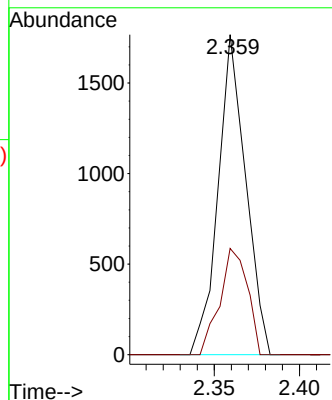
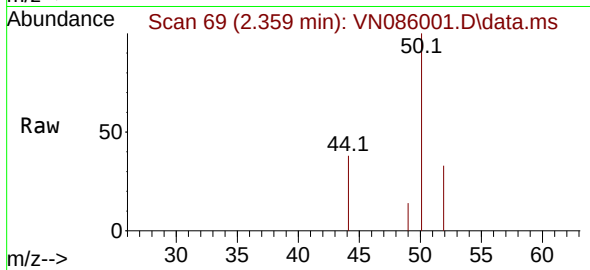
#3
Chloromethane
Concen: 1.176 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 1992
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0

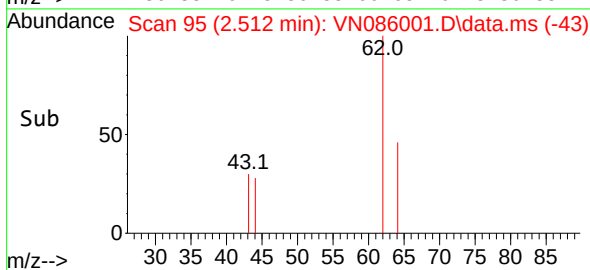
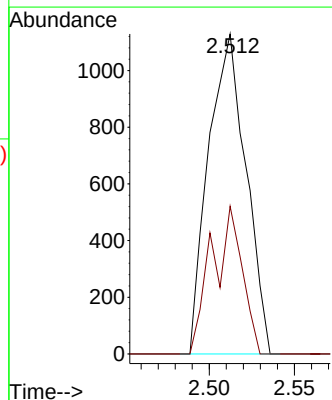
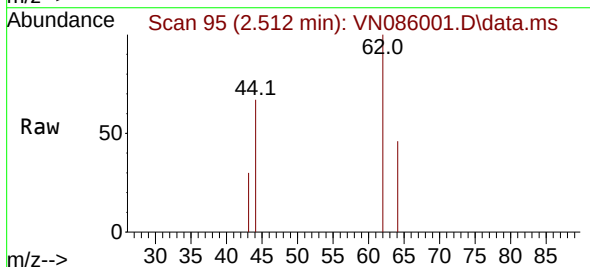
Manual Integrations
APPROVED

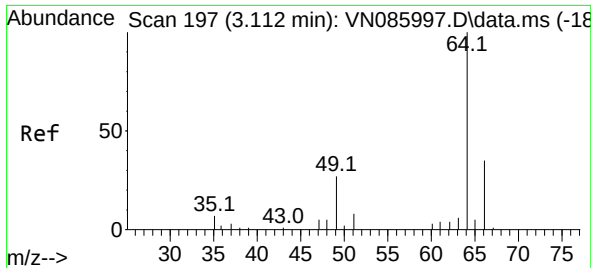
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#4
Vinyl Chloride
Concen: 0.996 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion: 62 Resp: 1726
Ion Ratio Lower Upper
62 100
64 46.1 25.2 37.8#





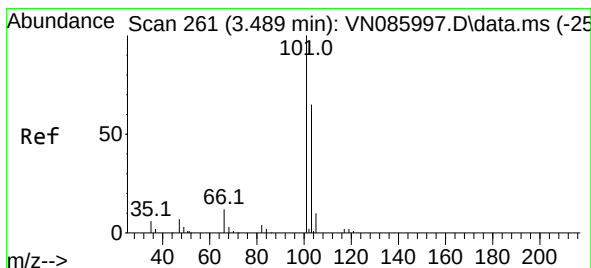
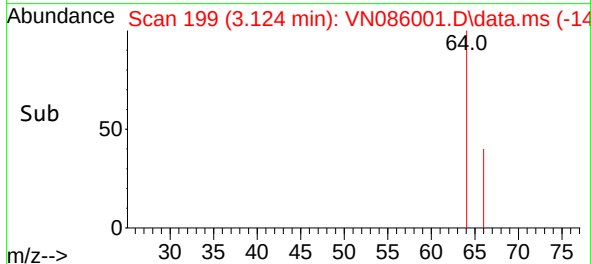
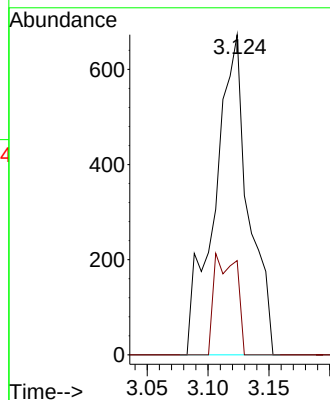
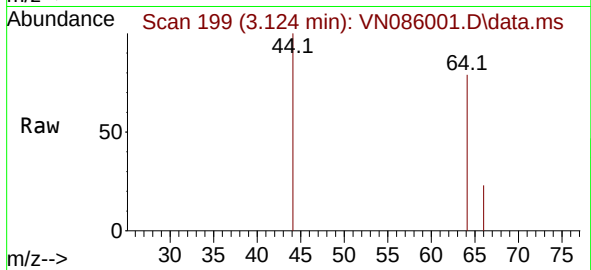
#6
Chloroethane
Concen: 1.192 ug/l
RT: 3.124 min Scan# 197
Delta R.T. 0.011 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 1302
Ion Ratio Lower Upper
64 100
66 29.4 28.3 42.5

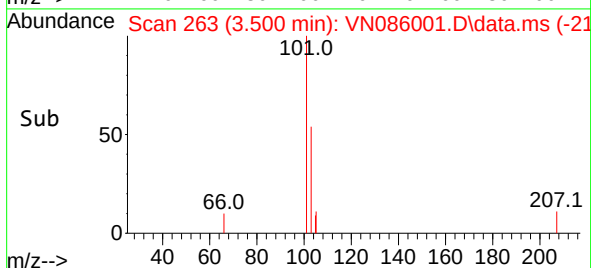
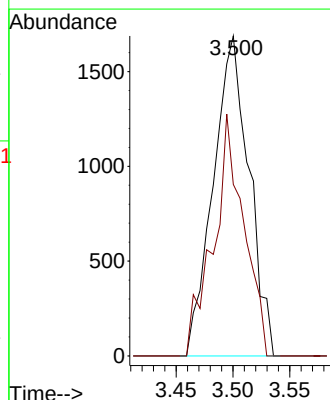
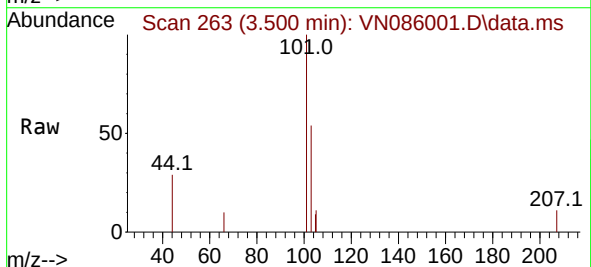
Manual Integrations
APPROVED

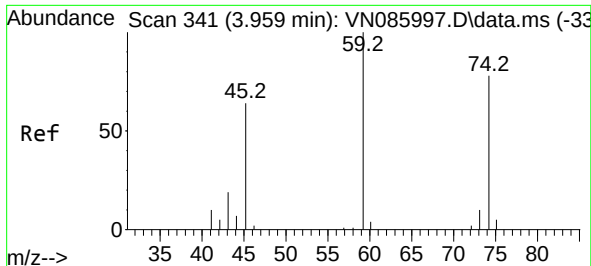
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#7
Trichlorofluoromethane
Concen: 1.187 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.011 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

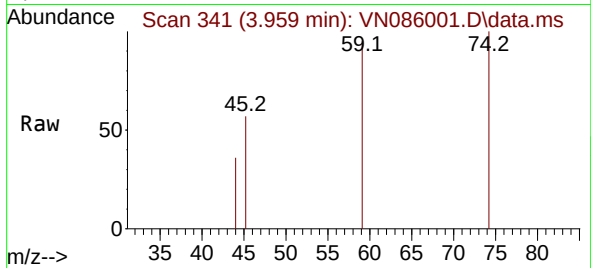
Tgt Ion:101 Resp: 3696
Ion Ratio Lower Upper
101 100
103 53.6 51.7 77.5





#8
Diethyl Ether
Concen: 1.028 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

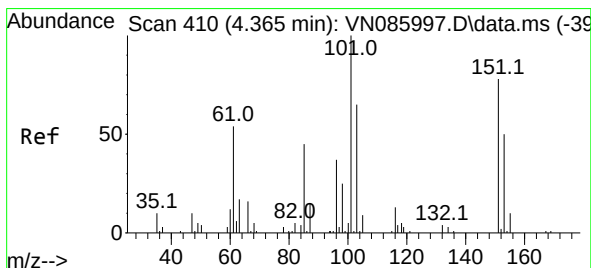
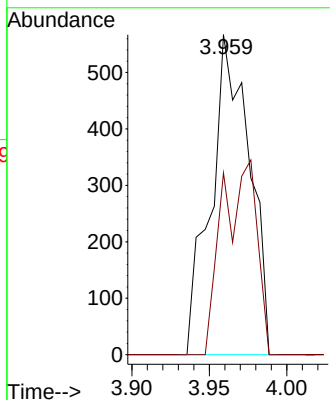
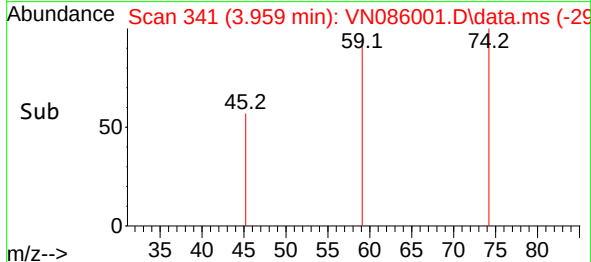
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



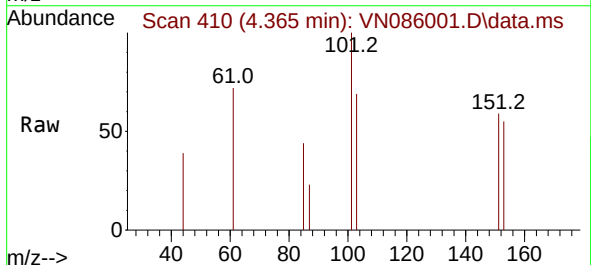
Tgt Ion: 74 Resp: 980
Ion Ratio Lower Upper
74 100
45 54.1 38.0 113.9

Manual Integrations
APPROVED

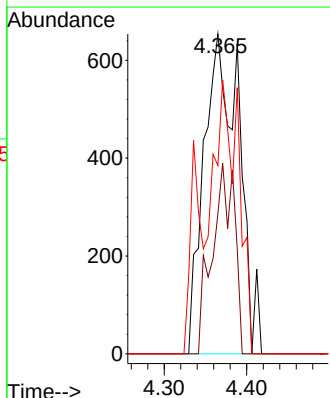
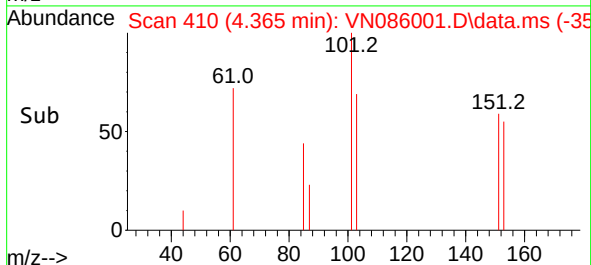
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

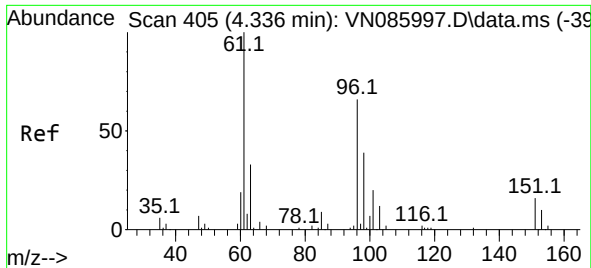


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.162 ug/l m
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



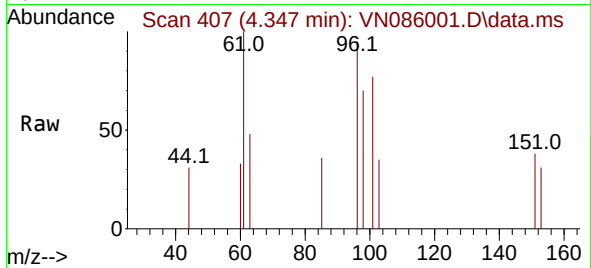
Tgt Ion:101 Resp: 1923
Ion Ratio Lower Upper
101 100
85 38.1 36.5 54.7
151 62.4 63.4 95.0#





#12
1,1-Dichloroethene
Concen: 0.810 ug/l
RT: 4.347 min Scan# 405
Delta R.T. 0.011 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

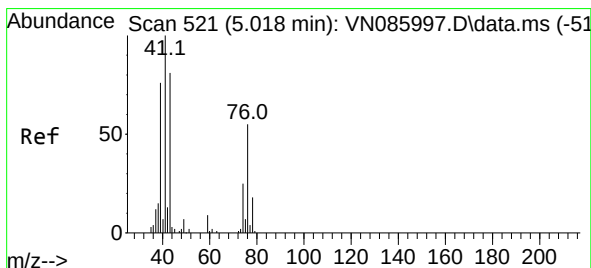
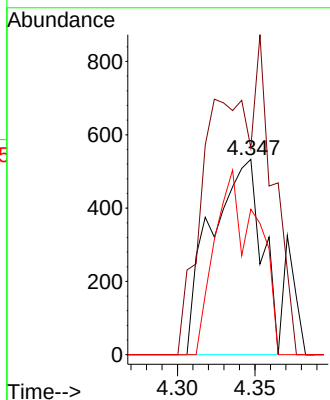
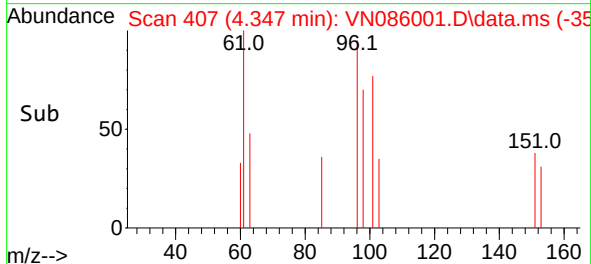
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 1210
Ion Ratio Lower Upper
96 100
61 105.8 120.5 180.7
98 74.5 47.4 71.0

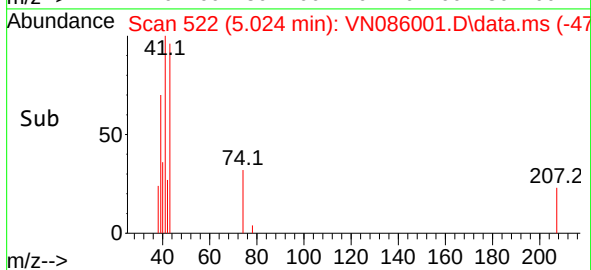
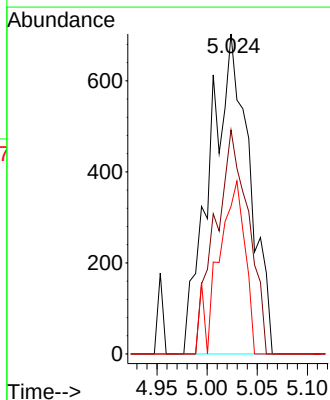
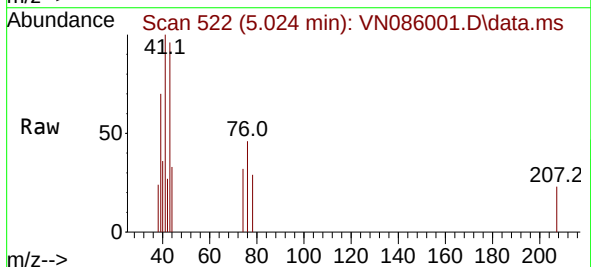
Manual Integrations
APPROVED

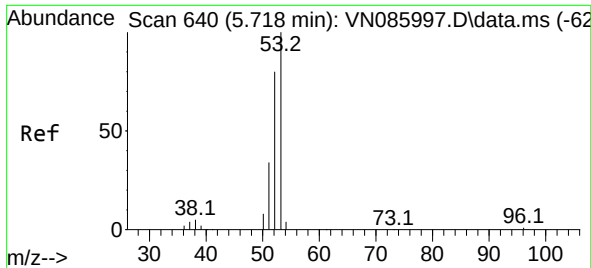
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#14
Allyl chloride
Concen: 1.039 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

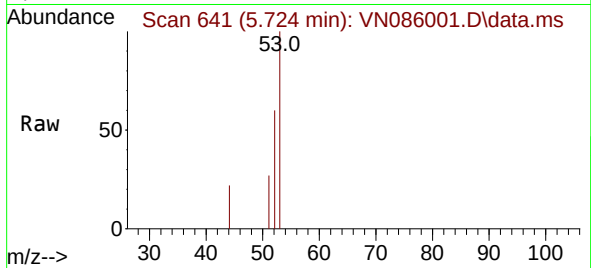
Tgt Ion: 41 Resp: 1936
Ion Ratio Lower Upper
41 100
39 58.7 55.5 83.3
76 36.5 39.1 58.7





#15
Acrylonitrile
Concen: 4.930 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

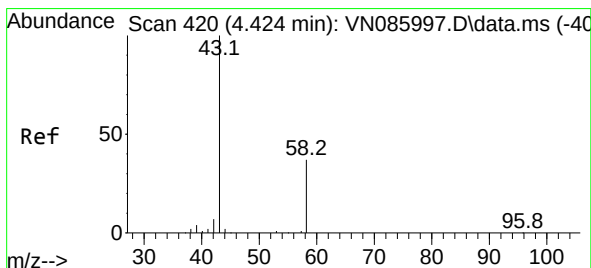
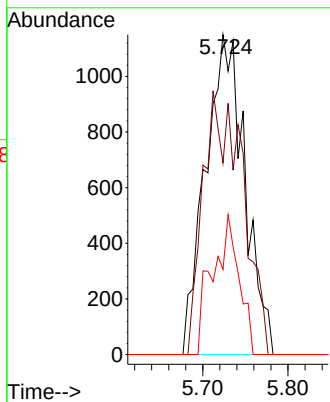
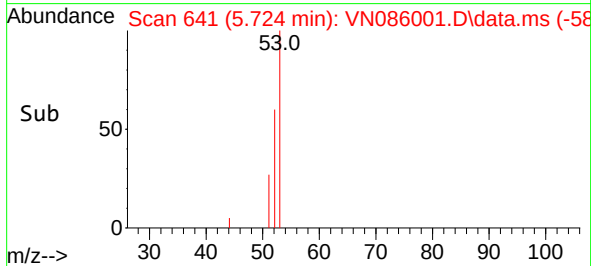
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



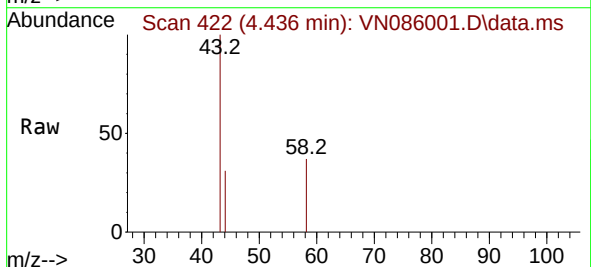
Tgt Ion: 53 Resp: 3682
Ion Ratio Lower Upper
53 100
52 42.2 63.9 95.9
51 29.5 27.1 40.7

Manual Integrations
APPROVED

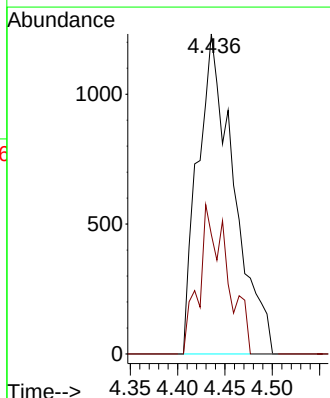
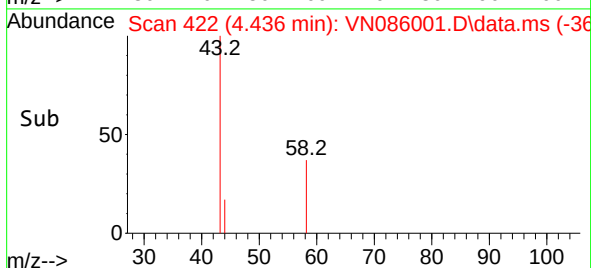
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

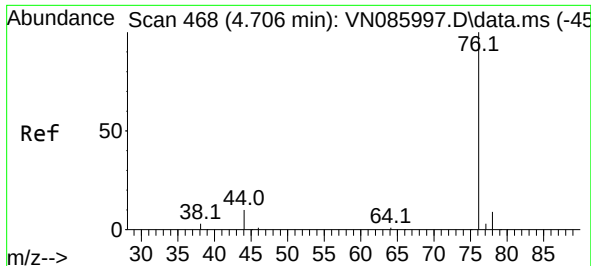


#16
Acetone
Concen: 5.336 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.011 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



Tgt Ion: 43 Resp: 3256
Ion Ratio Lower Upper
43 100
58 37.3 29.4 44.2





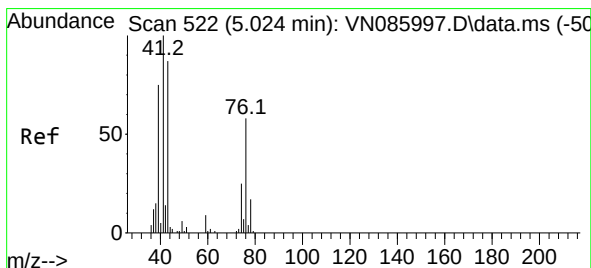
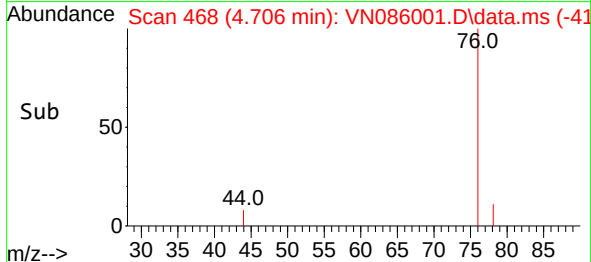
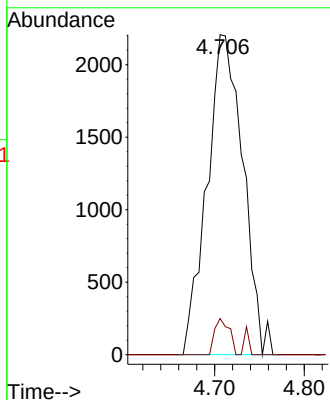
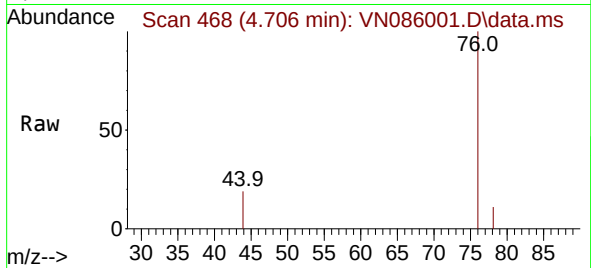
#17
Carbon Disulfide
Concen: 1.251 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 6140
Ion Ratio Lower Upper
76 100
78 11.3 7.4 11.2

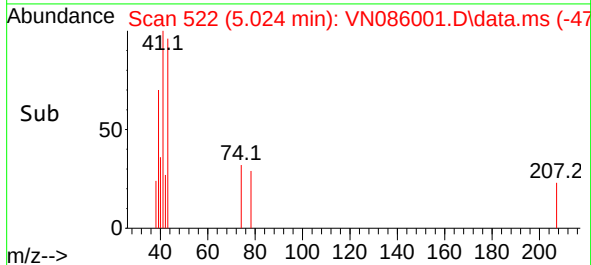
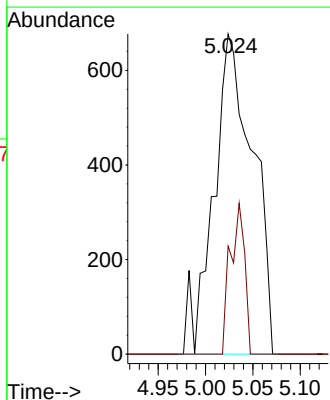
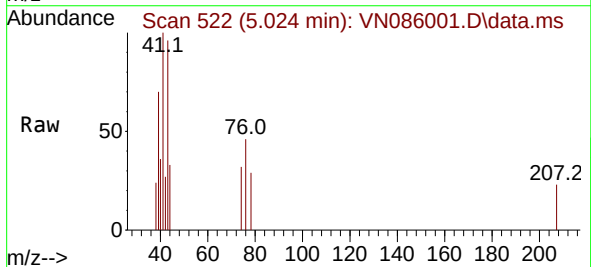
Manual Integrations
APPROVED

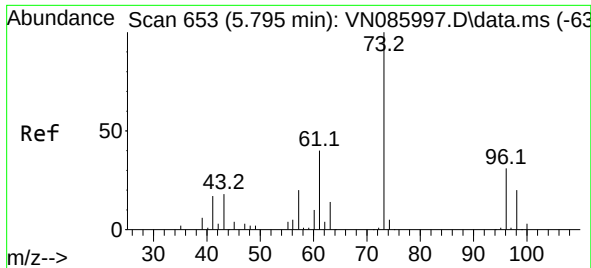
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#18
Methyl Acetate
Concen: 1.290 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
74 17.3 23.9 35.9





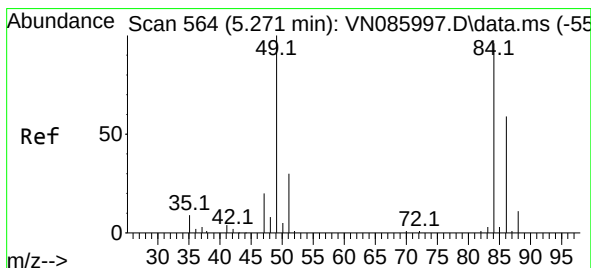
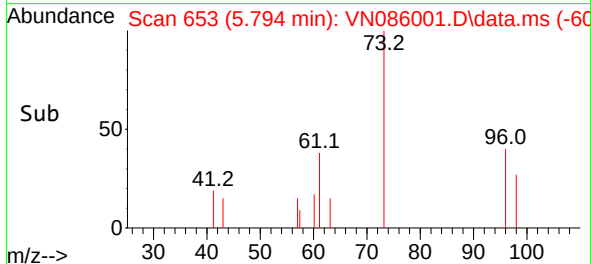
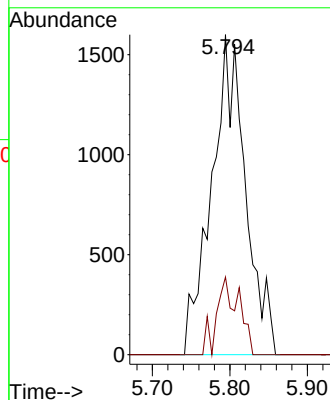
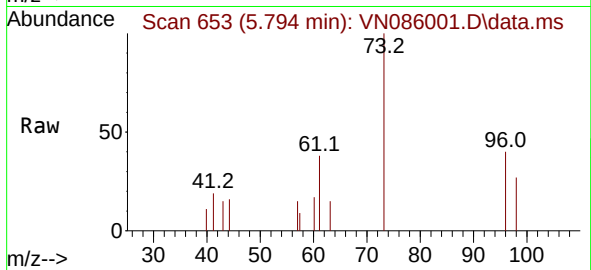
#19
Methyl tert-butyl Ether
Concen: 0.997 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 4880
Ion Ratio Lower Upper
73 100
57 24.2 16.1 24.1

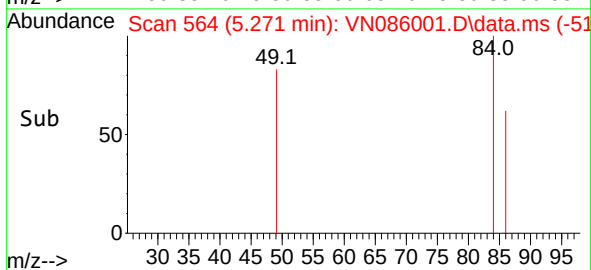
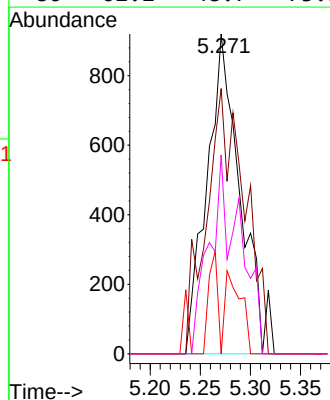
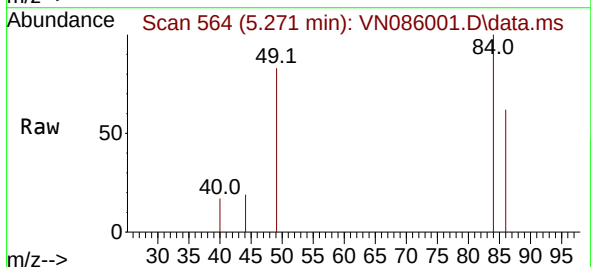
Manual Integrations
APPROVED

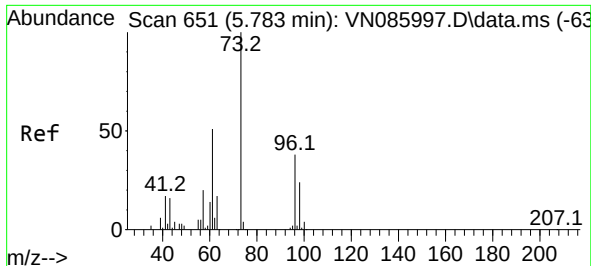
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#20
Methylene Chloride
Concen: 1.194 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

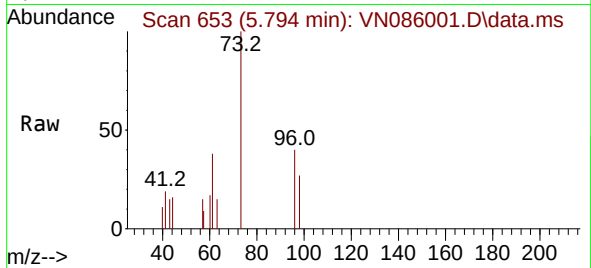
Tgt Ion: 84 Resp: 2132
Ion Ratio Lower Upper
84 100
49 82.9 83.3 124.9#
51 0.0 24.8 37.2#
86 62.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 1.056 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.011 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

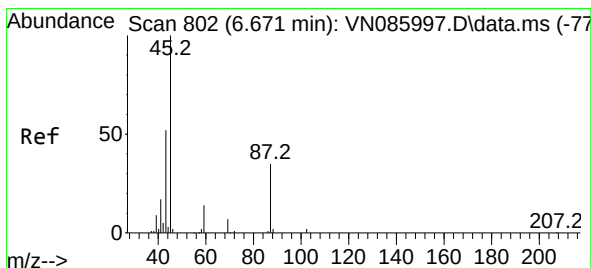
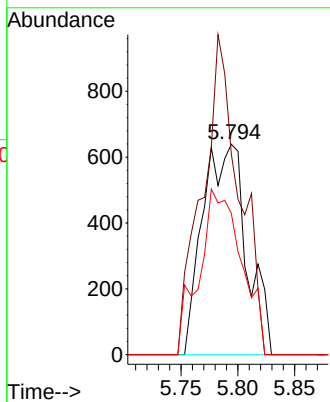
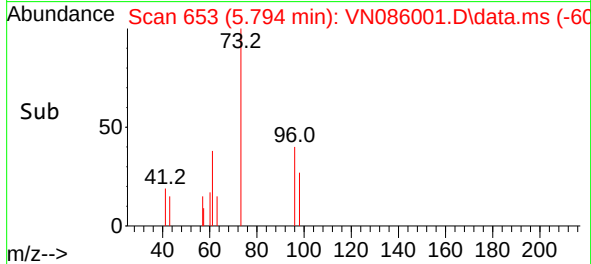
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



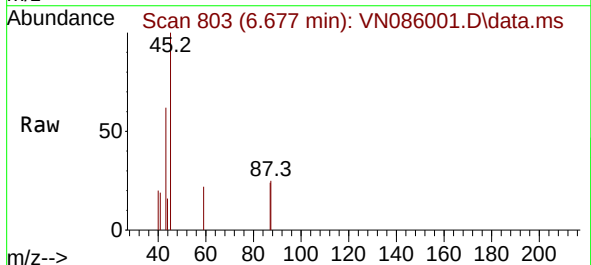
Tgt Ion: 96 Resp: 1725
Ion Ratio Lower Upper
96 100
61 95.5 106.6 160.0#
98 67.1 50.0 75.0

Manual Integrations
APPROVED

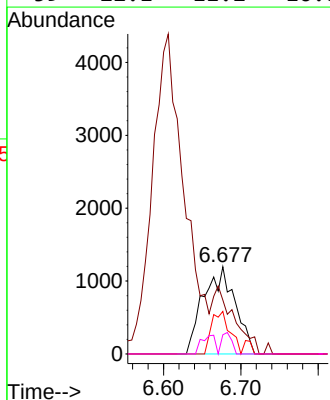
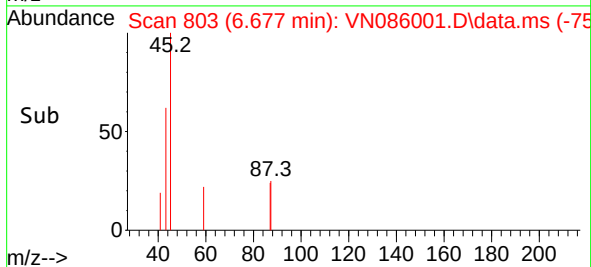
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

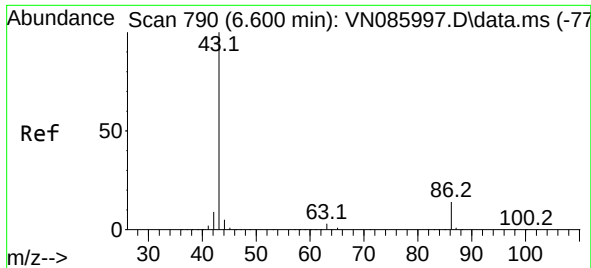


#22
Diisopropyl ether
Concen: 0.856 ug/l m
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



Tgt Ion: 45 Resp: 3402
Ion Ratio Lower Upper
45 100
43 61.9 41.2 61.8#
87 24.8 28.5 42.7#
59 22.1 11.2 16.8#





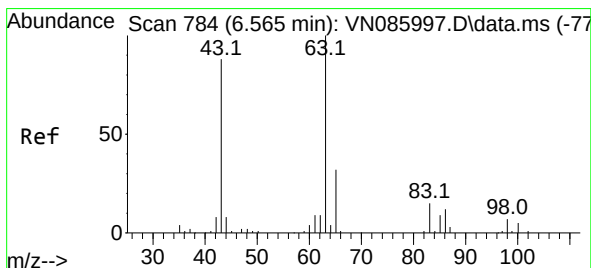
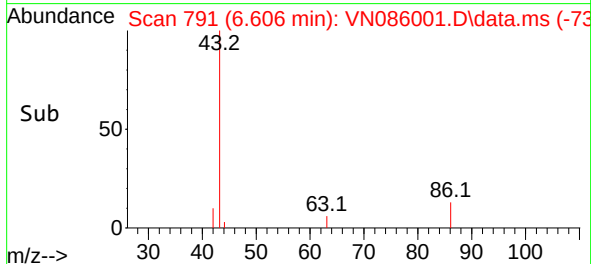
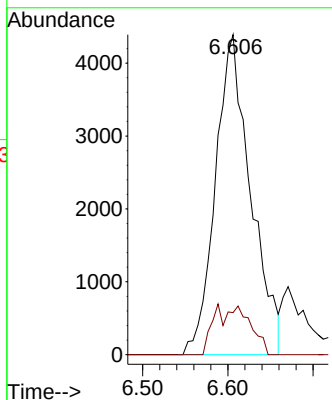
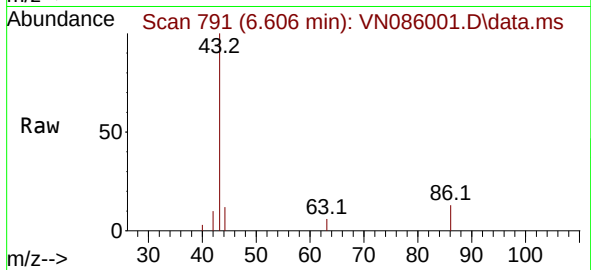
#23
 Vinyl Acetate
 Concen: 4.195 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 12634
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.2 16.8

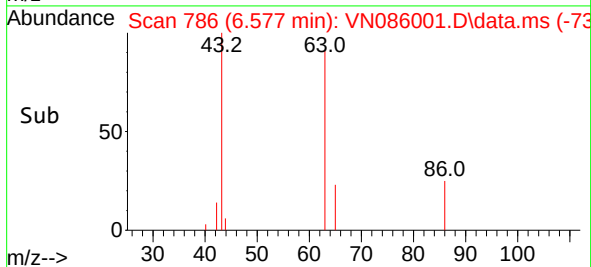
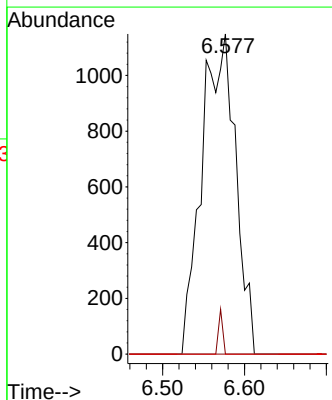
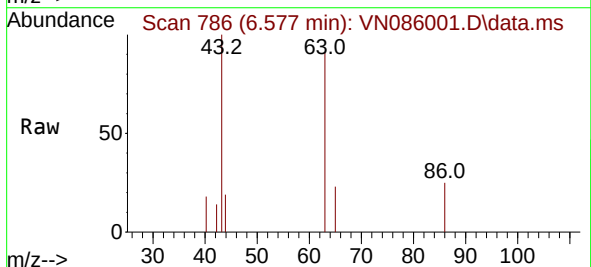
Manual Integrations
 APPROVED

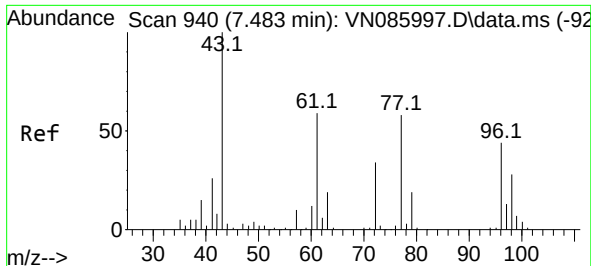
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#24
 1,1-Dichloroethane
 Concen: 1.128 ug/l m
 RT: 6.577 min Scan# 786
 Delta R.T. 0.011 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

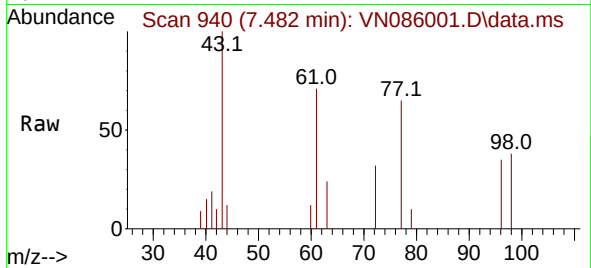
Tgt Ion: 63 Resp: 3295
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.9#
 100 0.0 2.5 7.5#





#25
2-Butanone
Concen: 4.895 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

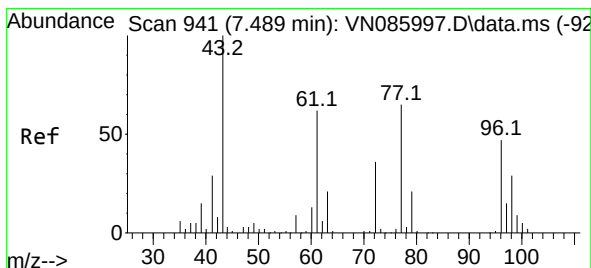
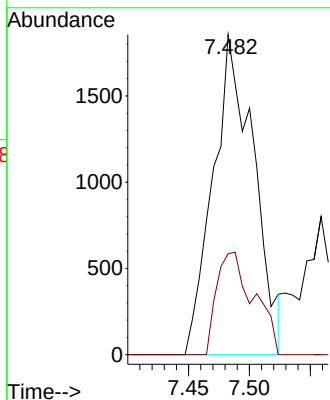
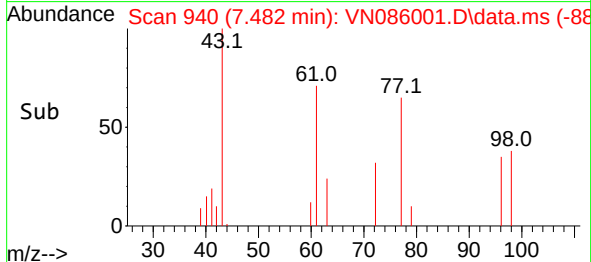
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 4310
Ion Ratio Lower Upper
43 100
72 31.5 27.4 41.0

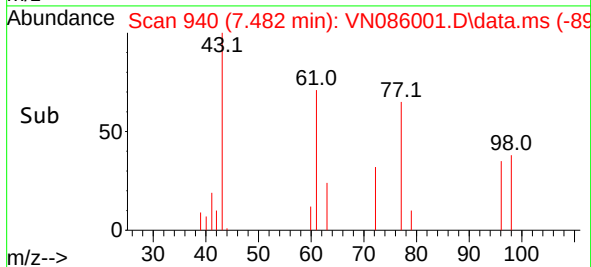
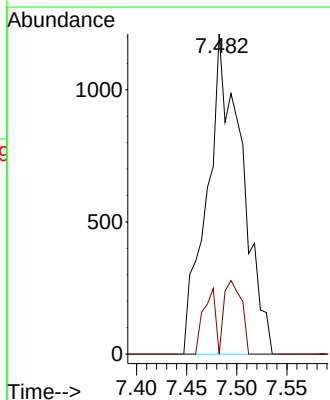
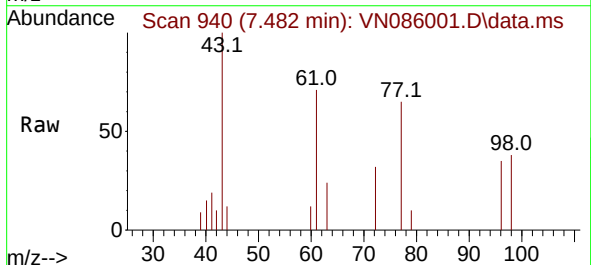
Manual Integrations
APPROVED

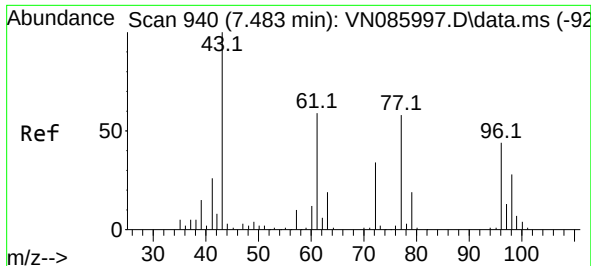
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#26
2,2-Dichloropropane
Concen: 1.042 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

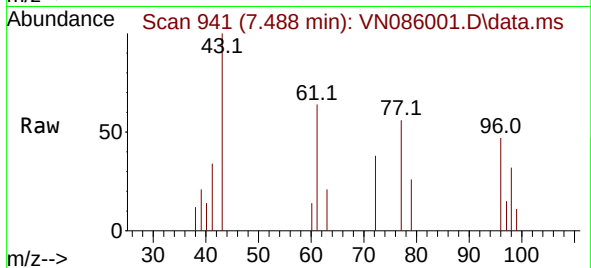
Tgt Ion: 77 Resp: 2930
Ion Ratio Lower Upper
77 100
97 7.2 11.2 33.5#





#27
 cis-1,2-Dichloroethene
 Concen: 0.994 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

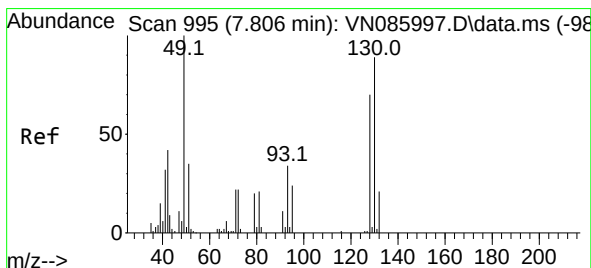
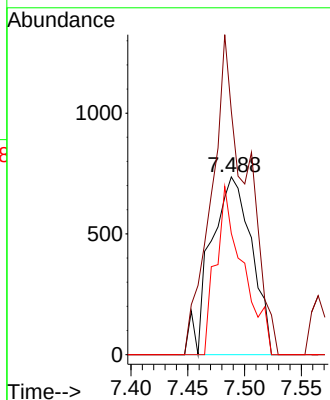
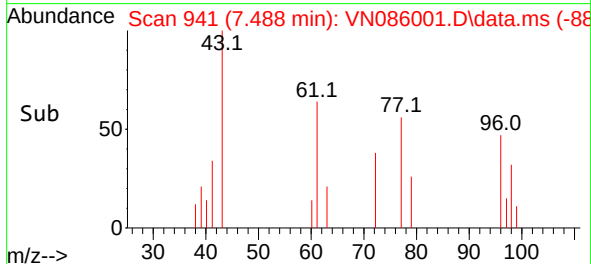
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001



Tgt Ion: 96 Resp: 184
 Ion Ratio Lower Upper
 96 100
 61 153.2 0.0 272.8
 98 62.9 0.0 124.8

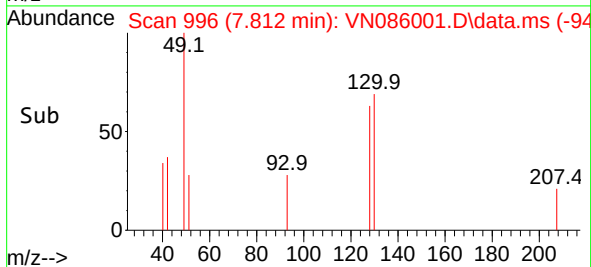
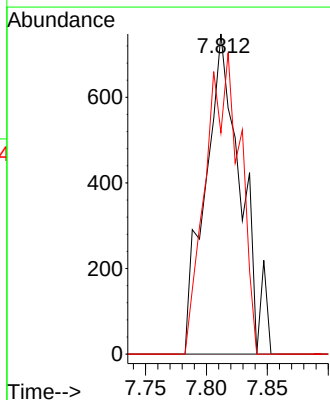
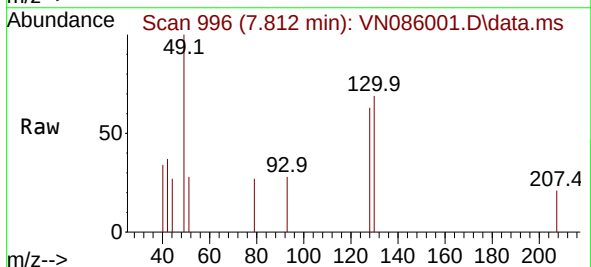
Manual Integrations
 APPROVED

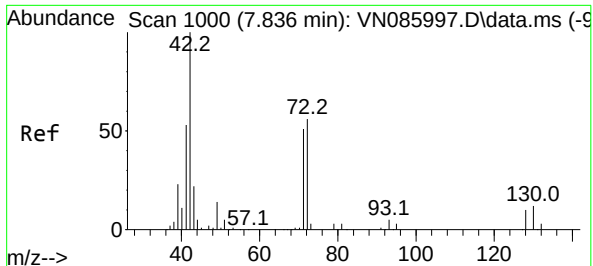
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#28
 Bromochloromethane
 Concen: 1.228 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

Tgt Ion: 49 Resp: 1520
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 90.8 74.2 111.4





#29

Tetrahydrofuran

Concen: 4.082 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

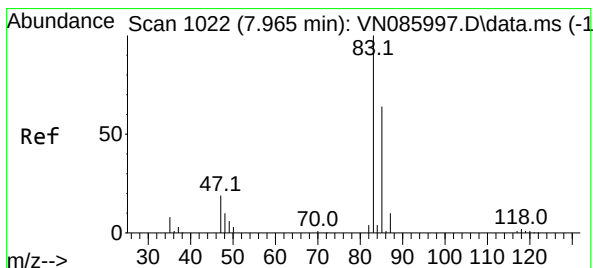
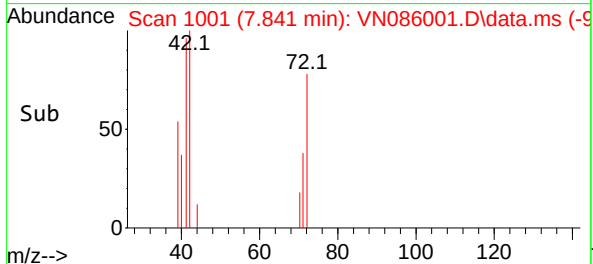
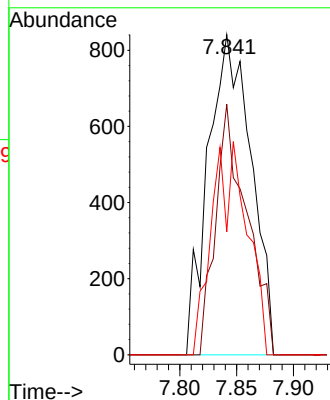
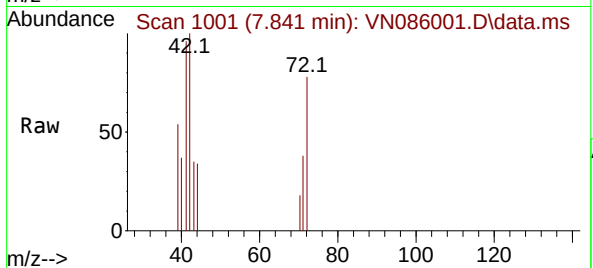
Tgt Ion: 42	Resp: 2219
Ion Ratio	Lower Upper
42	100
72	56.8 45.0 67.4
71	25.9 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#30

Chloroform

Concen: 1.125 ug/l

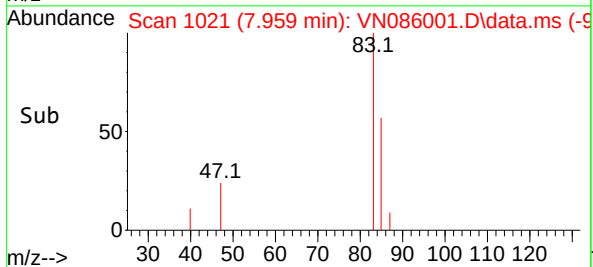
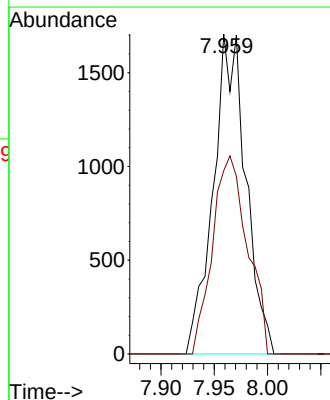
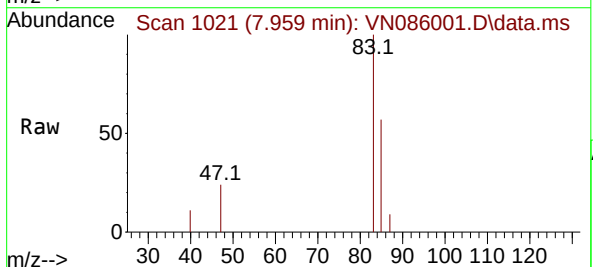
RT: 7.959 min Scan# 1021

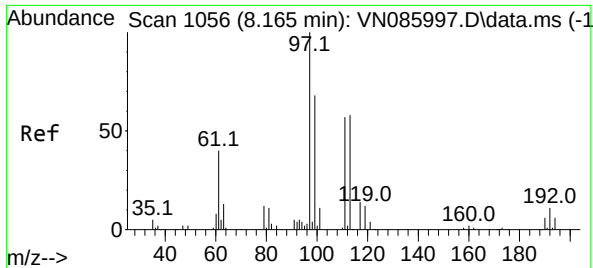
Delta R.T. -0.006 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

Tgt Ion: 83	Resp: 3631
Ion Ratio	Lower Upper
83	100
85	57.2 51.5 77.3





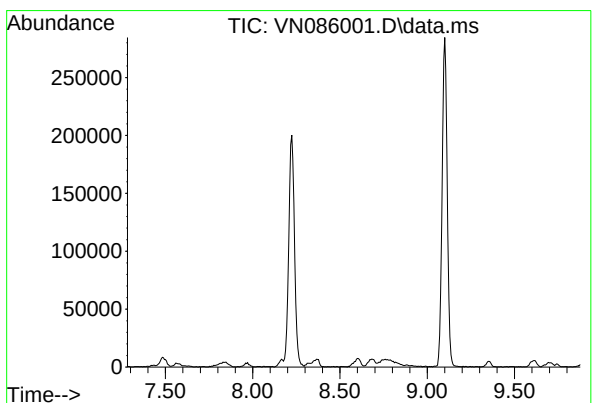
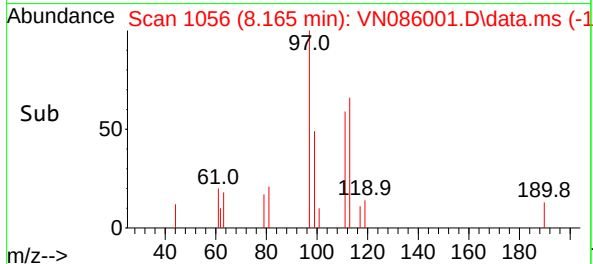
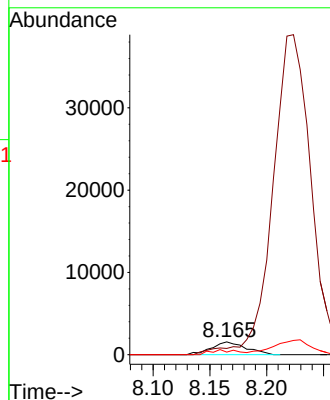
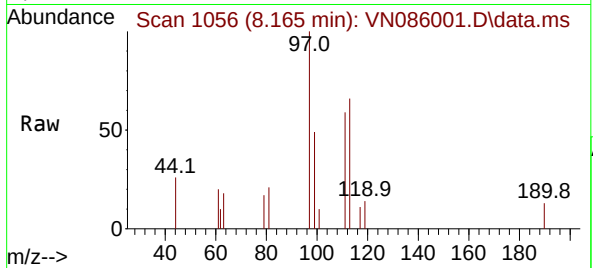
#32
1,1,1-Trichloroethane
Concen: 1.072 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 97 Resp: 3278
Ion Ratio Lower Upper
97 100
99 0.0 52.8 79.2
61 30.2 33.6 50.4

Manual Integrations
APPROVED

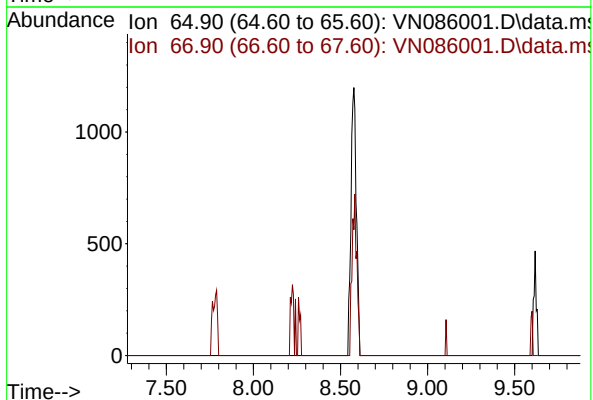
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

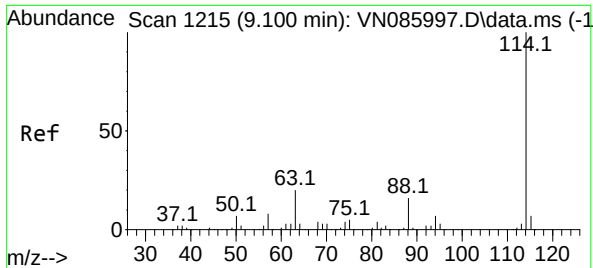


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min

Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion: 65
Sig Exp Ratio
65 100
67 51.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 24961

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

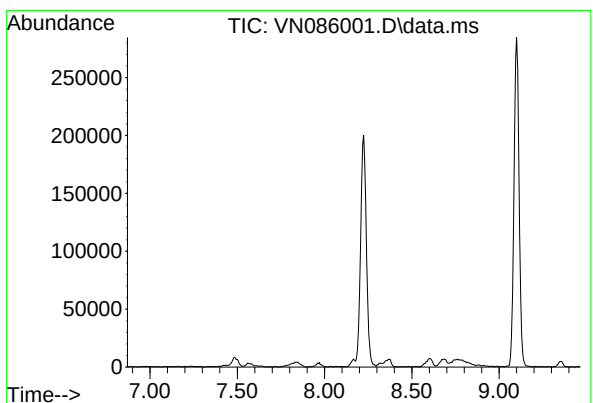
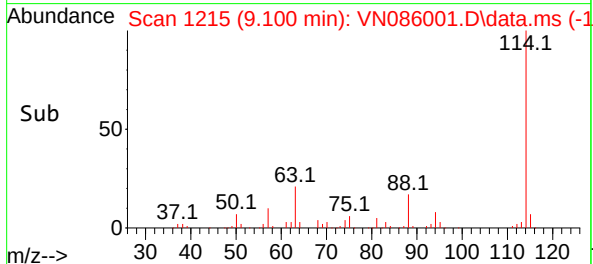
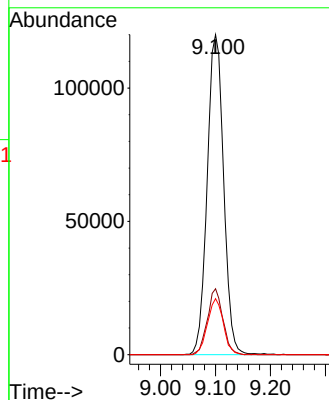
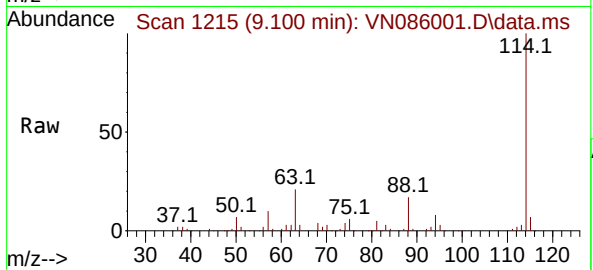
88 17.5 0.0 32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.17 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

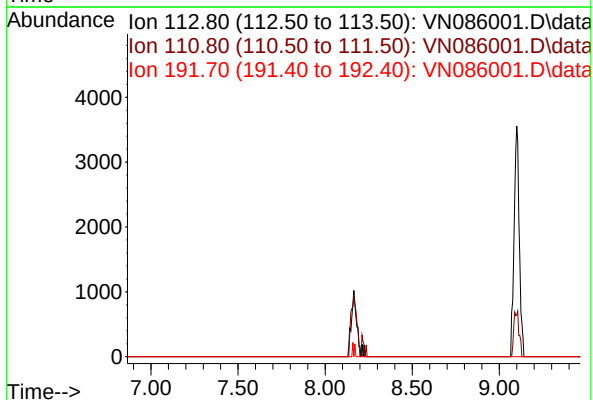
Tgt Ion: 113

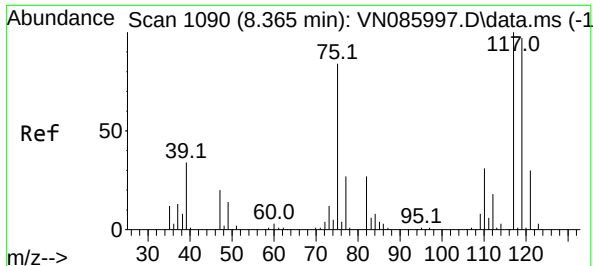
Sig Exp Ratio

113 100

111 102.3

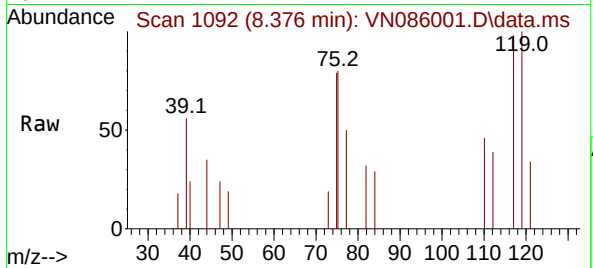
192 19.9





#36
1,1-Dichloropropene
Concen: 0.994 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. 0.011 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

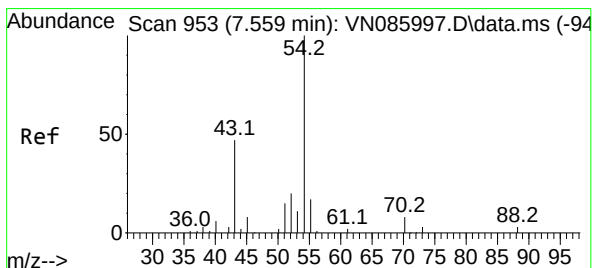
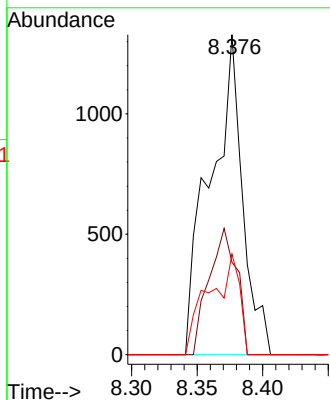
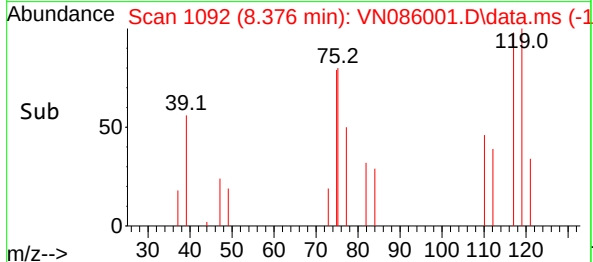
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



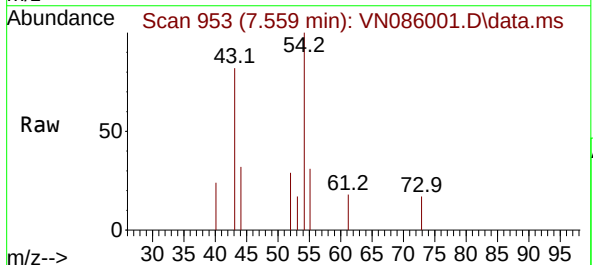
Tgt Ion: 75 Resp: 228
Ion Ratio Lower Upper
75 100
110 33.8 17.8 53.3
77 29.6 25.0 37.4

Manual Integrations
APPROVED

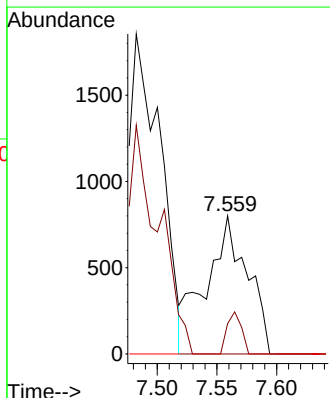
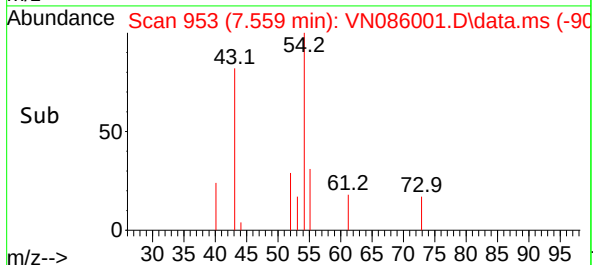
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

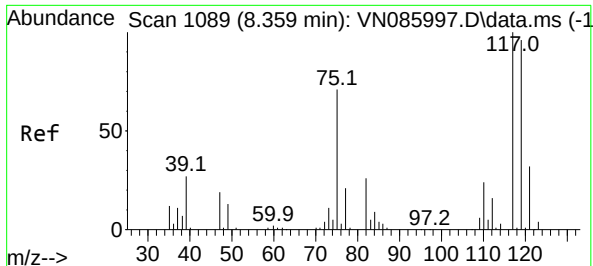


#37
Ethyl Acetate
Concen: 1.002 ug/l m
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



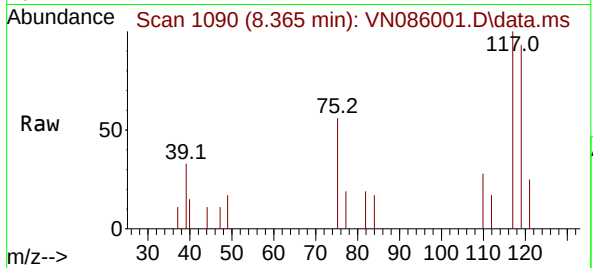
Tgt Ion: 43 Resp: 1939
Ion Ratio Lower Upper
43 100
61 10.5 13.0 19.4#
70 0.0 11.0 16.6#





#38
Carbon Tetrachloride
Concen: 1.032 ug/l
RT: 8.365 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

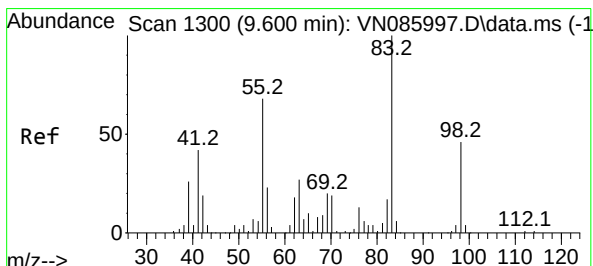
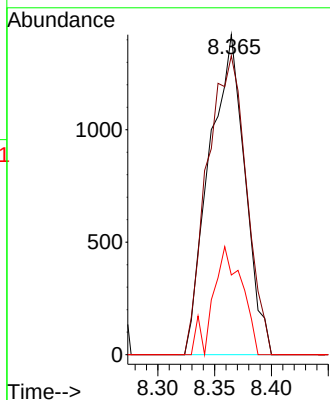
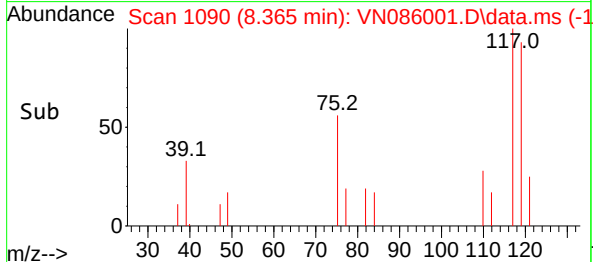
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



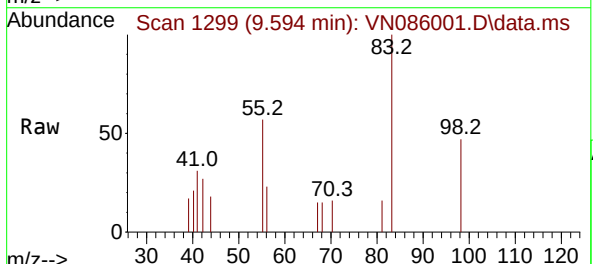
Tgt Ion: 117 Resp: 3114
Ion Ratio Lower Upper
117 100
119 93.4 77.0 115.4
121 24.9 25.6 38.4

Manual Integrations
APPROVED

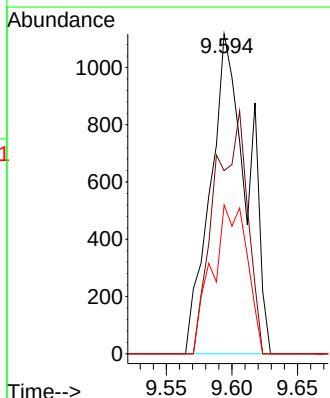
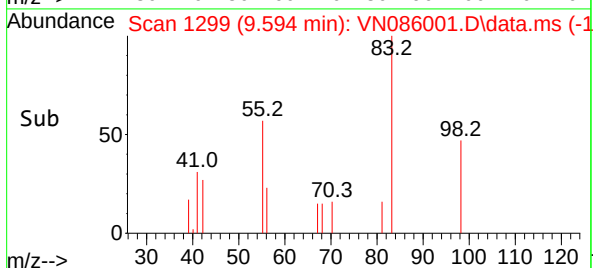
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

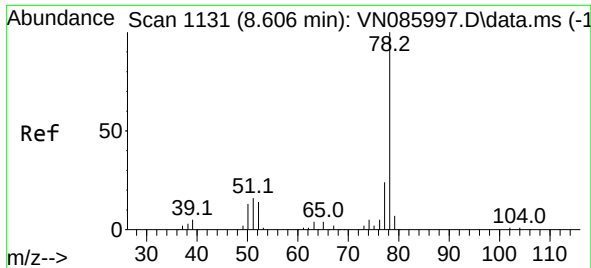


#39
Methylcyclohexane
Concen: 0.960 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



Tgt Ion: 83 Resp: 2186
Ion Ratio Lower Upper
83 100
55 57.3 54.2 81.2
98 46.6 37.1 55.7





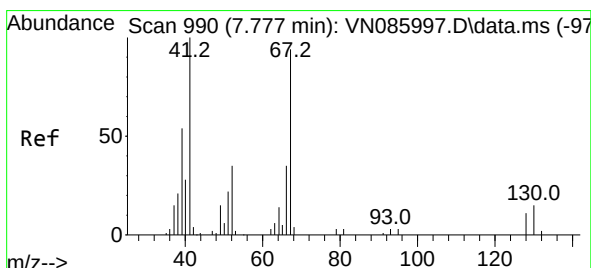
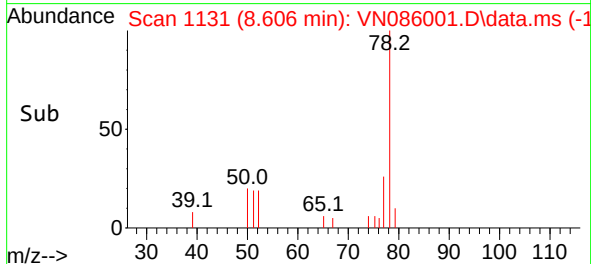
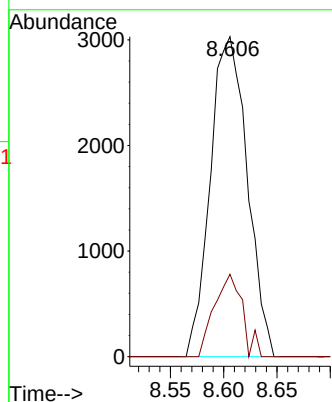
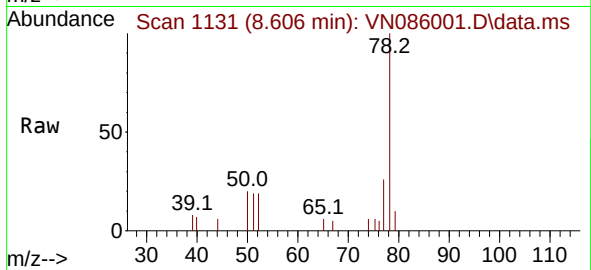
#40
Benzene
Concen: 1.016 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 731
Ion Ratio Lower Upper
78 100
77 25.7 18.9 28.3

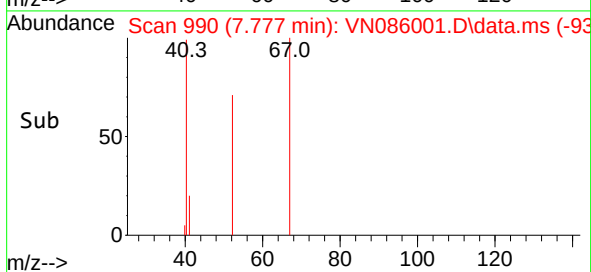
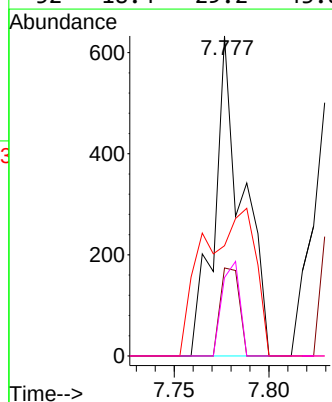
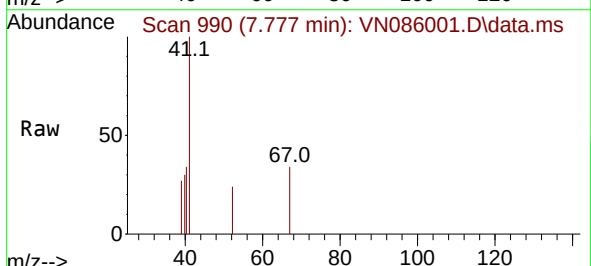
Manual Integrations
APPROVED

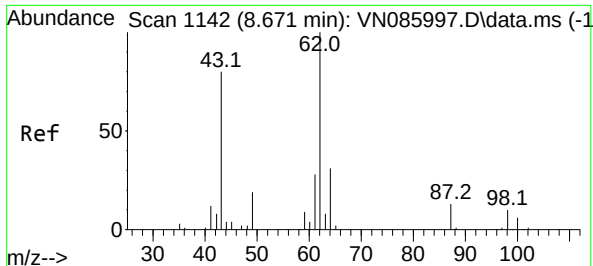
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#41
Methacrylonitrile
Concen: 0.711 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion: 41 Resp: 657
Ion Ratio Lower Upper
41 100
39 18.4 46.2 69.2#
67 84.0 75.9 113.9
52 18.4 29.2 43.8#





#42

1,2-Dichloroethane

Concen: 1.036 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 62 Resp: 260

Ion Ratio Lower Upper

62 100

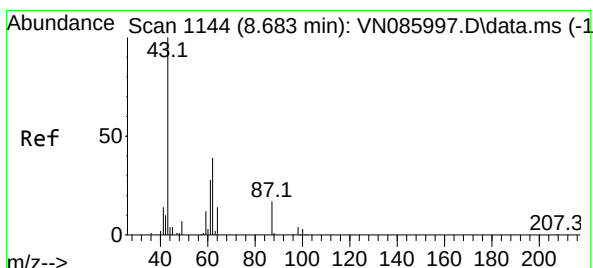
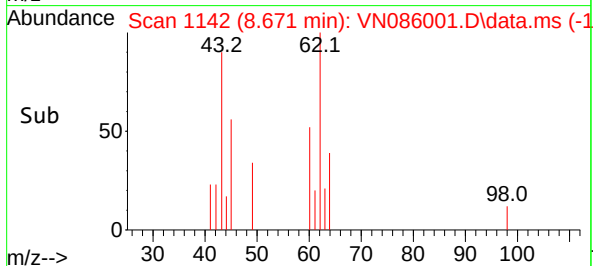
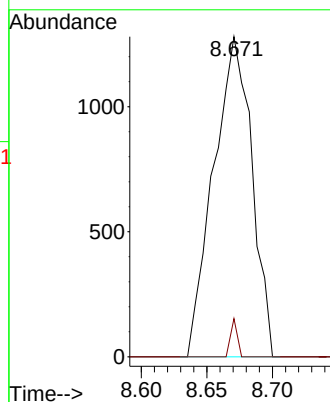
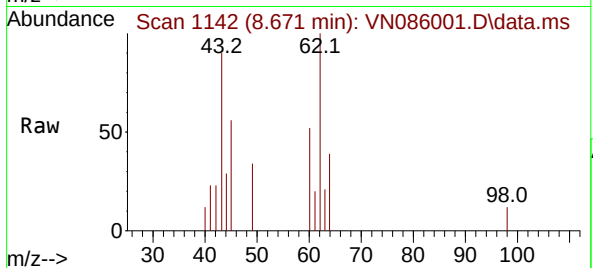
98 2.1 0.0 18.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#43

Isopropyl Acetate

Concen: 1.334 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.011 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

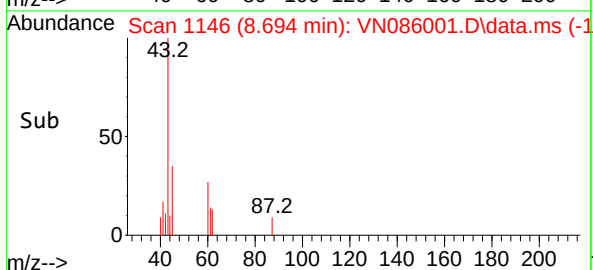
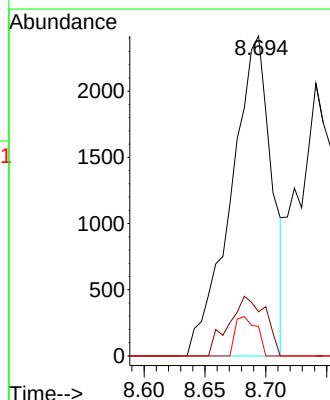
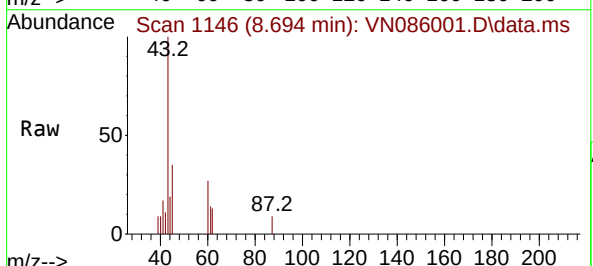
Tgt Ion: 43 Resp: 5607

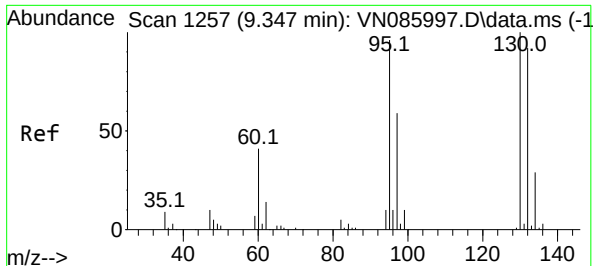
Ion Ratio Lower Upper

43 100

61 16.8 25.0 37.6#

87 6.5 13.0 19.4#





#44

Trichloroethene

Concen: 1.164 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:130 Resp: 217

Ion Ratio Lower Upper

130 100

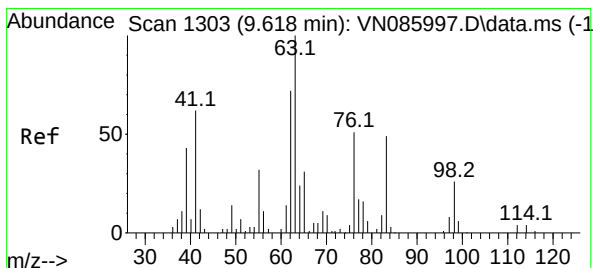
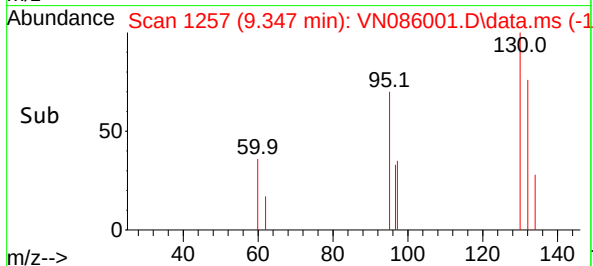
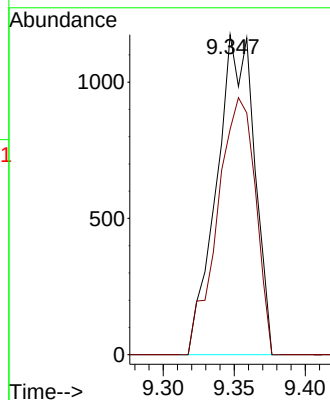
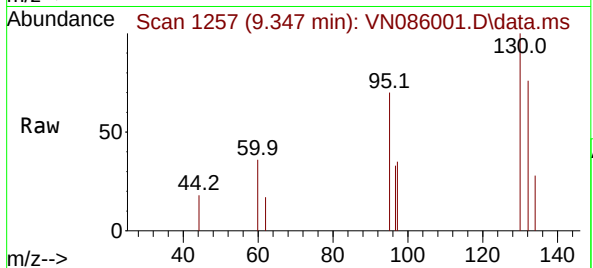
95 70.4 0.0 191.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#45

1,2-Dichloropropane

Concen: 0.941 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN086001.D

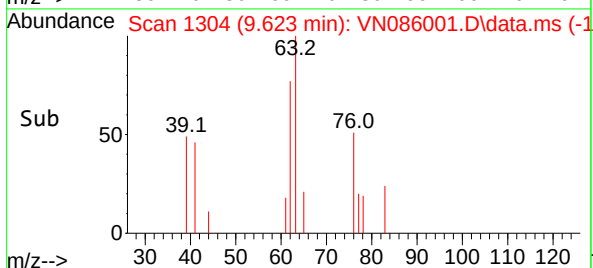
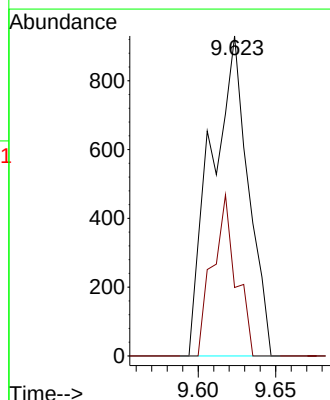
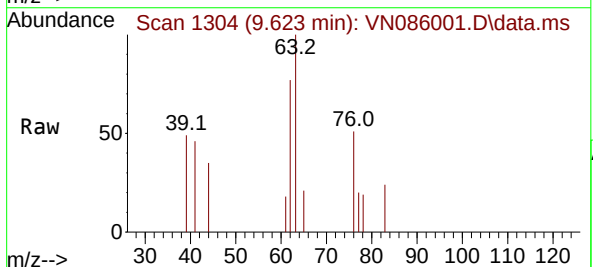
Acq: 18 Mar 2025 14:09

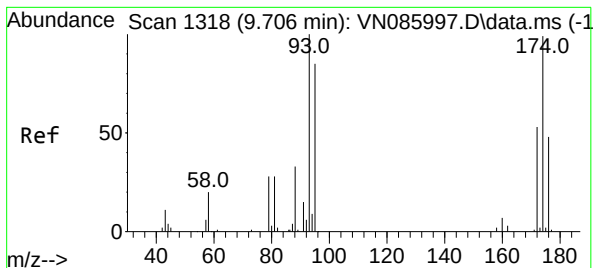
Tgt Ion: 63 Resp: 1541

Ion Ratio Lower Upper

63 100

65 21.4 24.7 37.1#





#46

Dibromomethane

Concen: 1.064 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 93 Resp: 1370

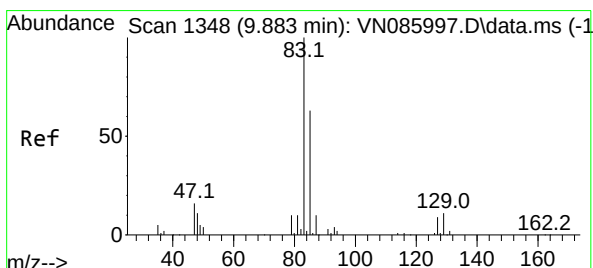
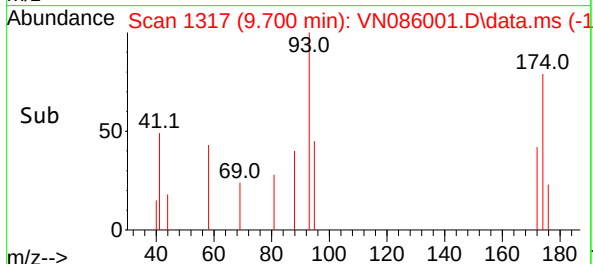
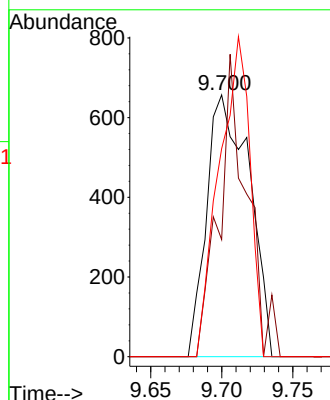
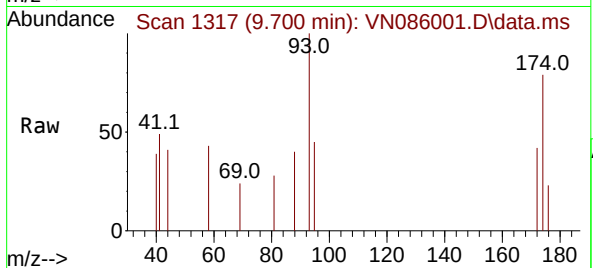
Ion	Ratio	Lower	Upper
93	100		
95	76.1	66.2	99.2
174	88.2	80.1	120.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#47

Bromodichloromethane

Concen: 0.995 ug/l

RT: 9.882 min Scan# 1348

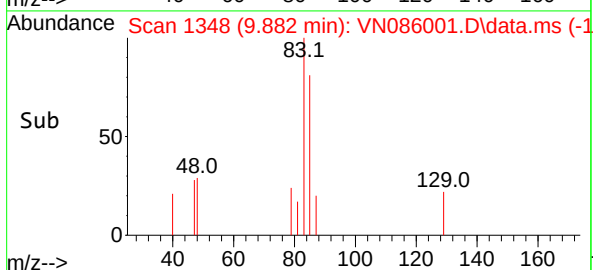
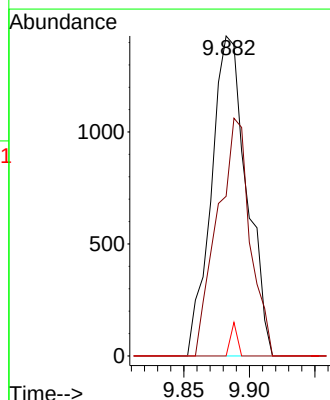
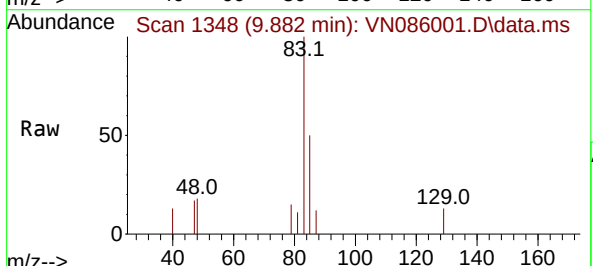
Delta R.T. -0.000 min

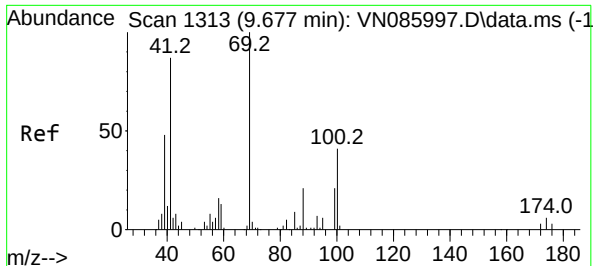
Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

Tgt Ion: 83 Resp: 2680

Ion	Ratio	Lower	Upper
83	100		
85	49.9	50.2	75.2#
127	0.0	7.1	10.7#





#48

Methyl methacrylate

Concen: 0.921 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

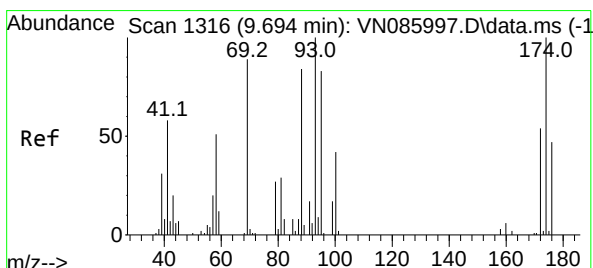
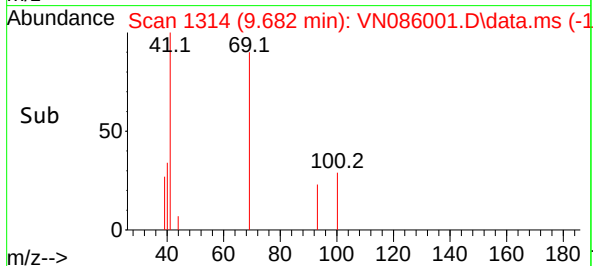
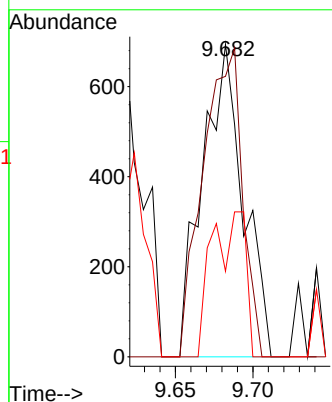
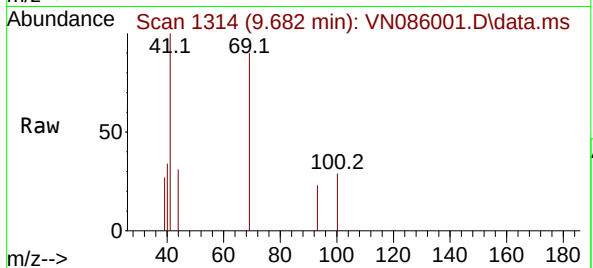
Tgt Ion: 41 Resp: 1275
 Ion Ratio Lower Upper
 41 100
 69 95.1 83.1 124.7
 39 20.2 45.6 68.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#49

1,4-Dioxane

Concen: 13.999 ug/l

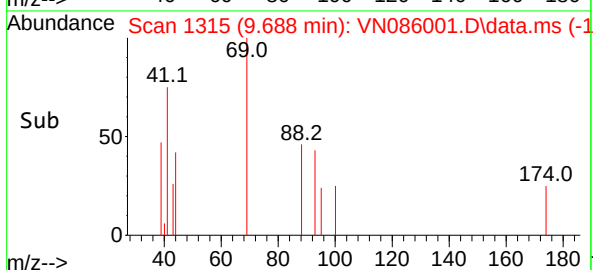
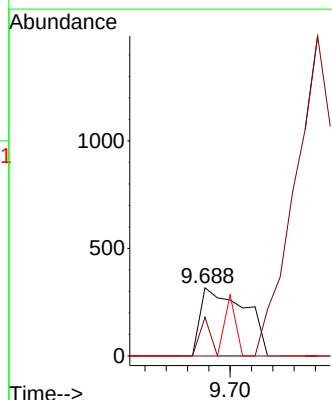
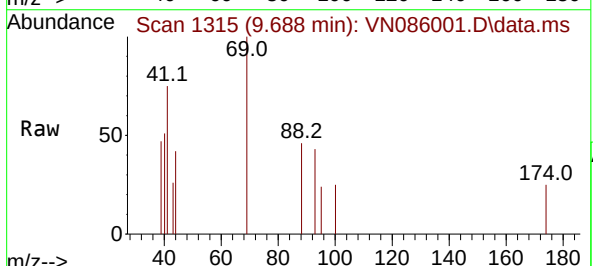
RT: 9.688 min Scan# 1315

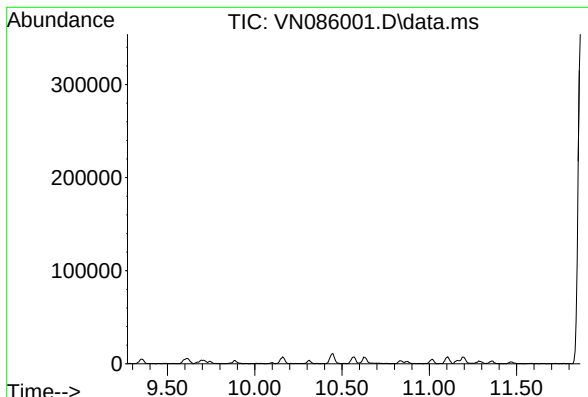
Delta R.T. -0.006 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

Tgt Ion: 88 Resp: 458
 Ion Ratio Lower Upper
 88 100
 43 0.0 21.7 32.5#
 58 21.8 50.4 75.6#





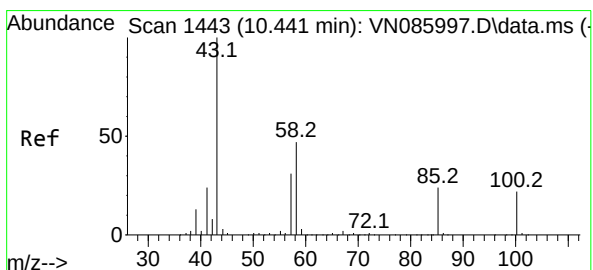
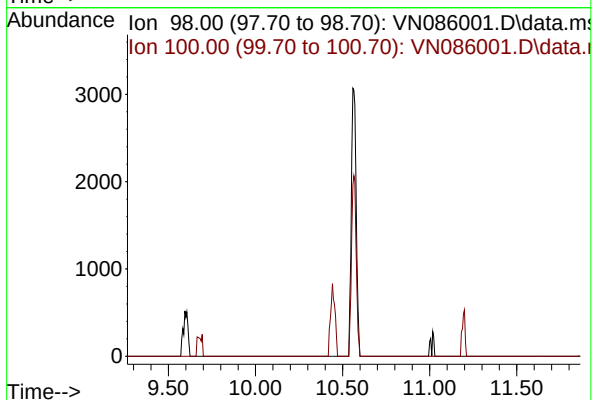
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.56 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 66.4

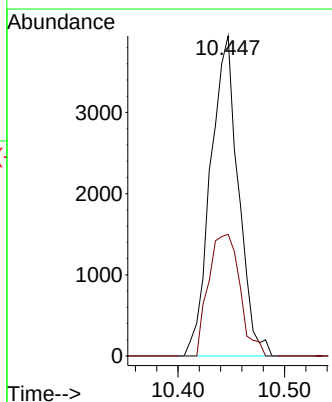
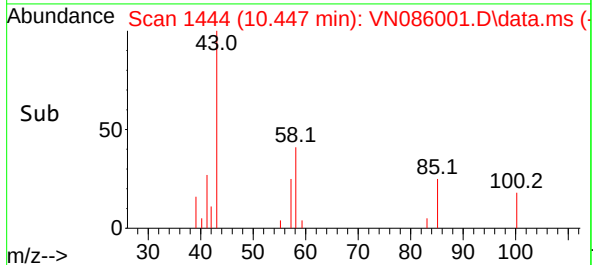
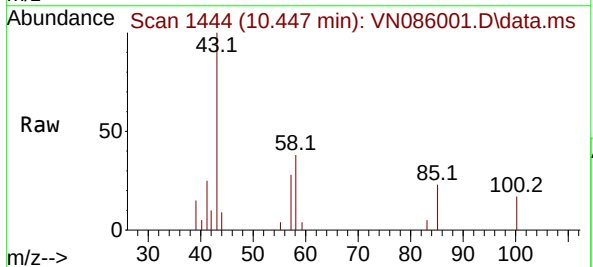
Manual Integrations
 APPROVED

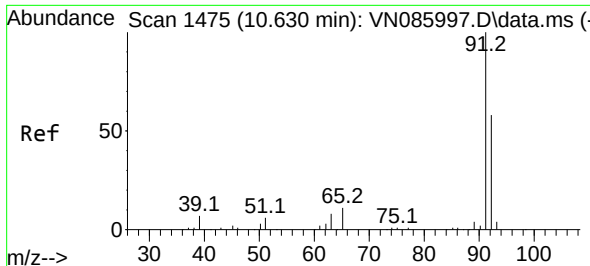
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#51
 4-Methyl-2-Pentanone
 Concen: 3.868 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. 0.006 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

Tgt Ion: 43 Resp: 7154
 Ion Ratio Lower Upper
 43 100
 58 42.8 37.4 56.0





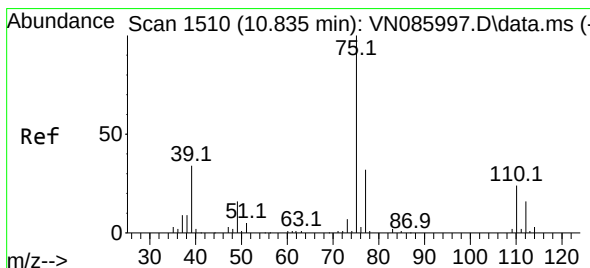
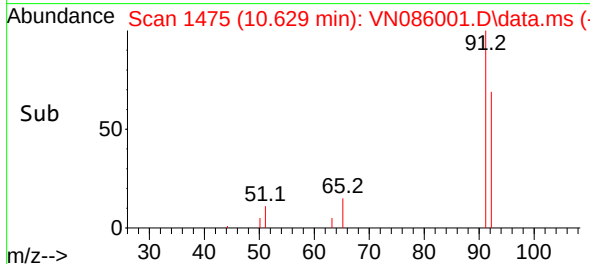
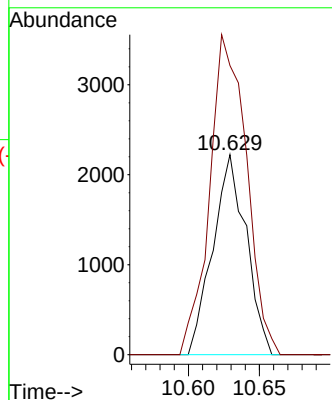
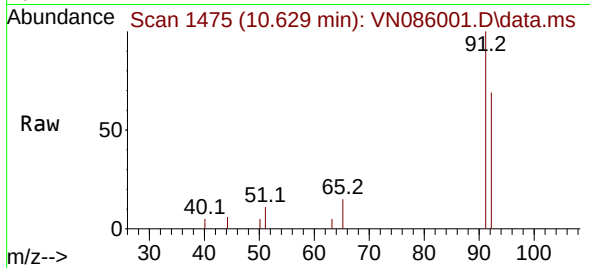
#52
Toluene
Concen: 0.821 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 92 Resp: 363
Ion Ratio Lower Upper
92 100
91 176.5 136.2 204.4

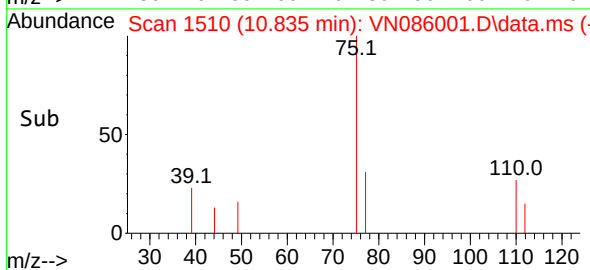
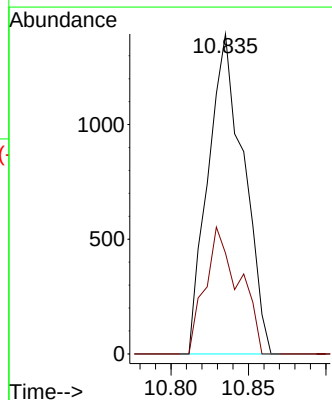
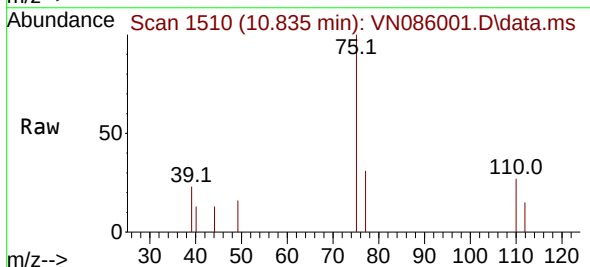
Manual Integrations
APPROVED

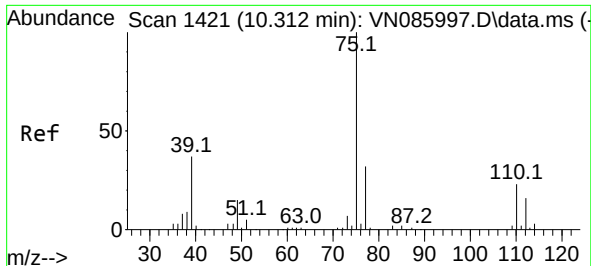
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#53
t-1,3-Dichloropropene
Concen: 0.851 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

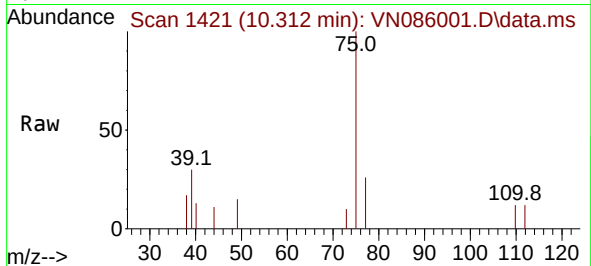
Tgt Ion: 75 Resp: 2225
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9





#54
 cis-1,3-Dichloropropene
 Concen: 0.840 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

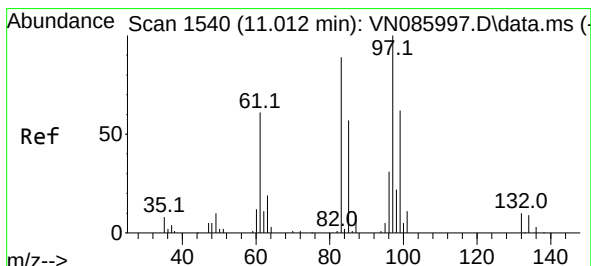
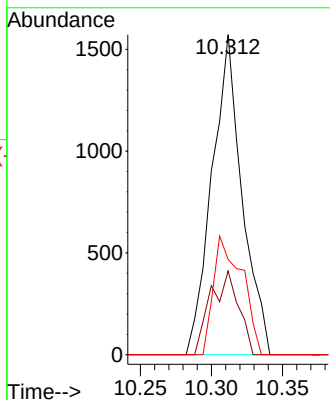
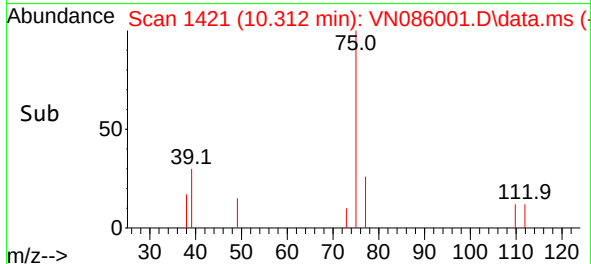
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 2318
 Ion Ratio Lower Upper
 75 100
 77 26.1 25.3 37.9
 39 29.8 29.6 44.4

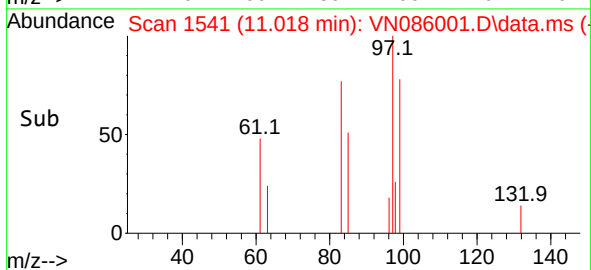
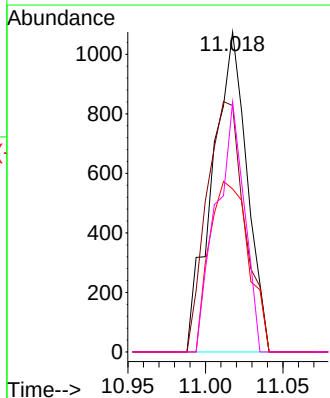
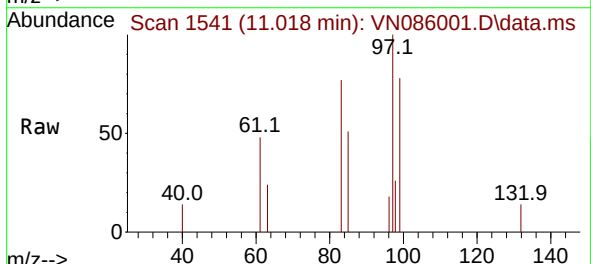
Manual Integrations
 APPROVED

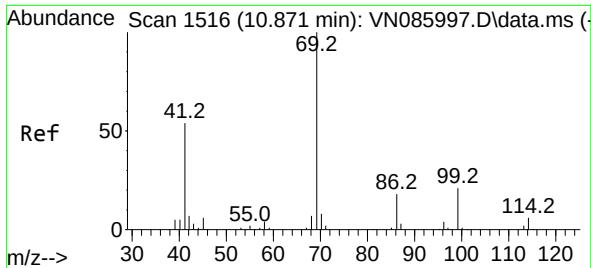
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#55
 1,1,2-Trichloroethane
 Concen: 0.990 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

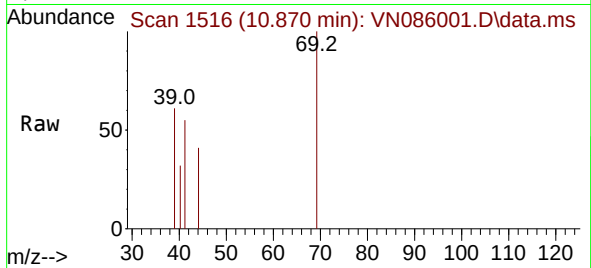
Tgt Ion: 97 Resp: 1670
 Ion Ratio Lower Upper
 97 100
 83 77.0 71.2 106.8
 85 51.0 45.4 68.0
 99 78.1 49.5 74.3#





#56
Ethyl methacrylate
Concen: 0.886 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

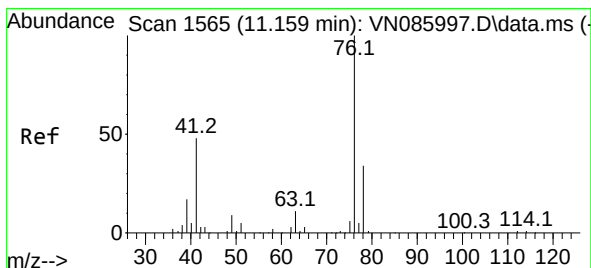
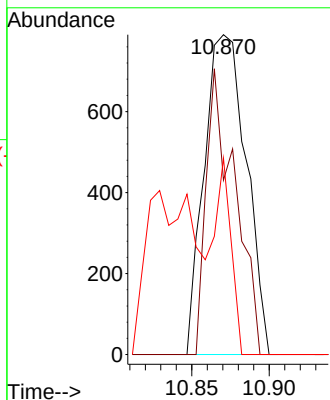
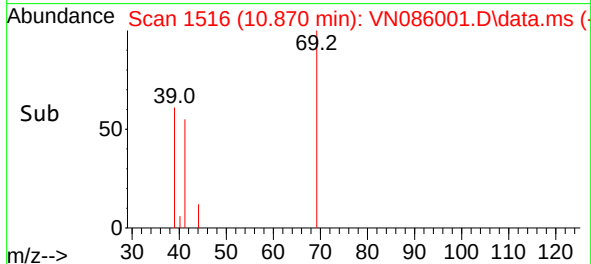
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 1488
Ion Ratio Lower Upper
69 100
41 60.8 41.6 62.4
39 24.2 21.8 32.8

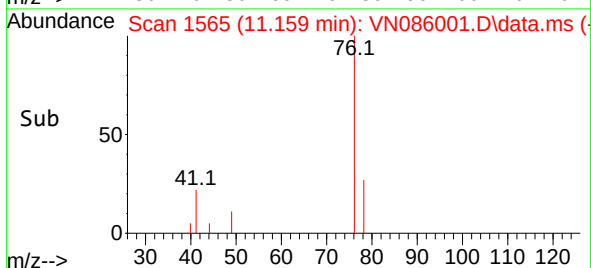
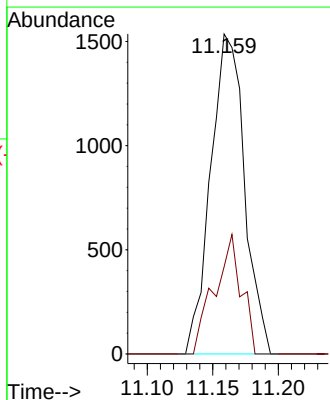
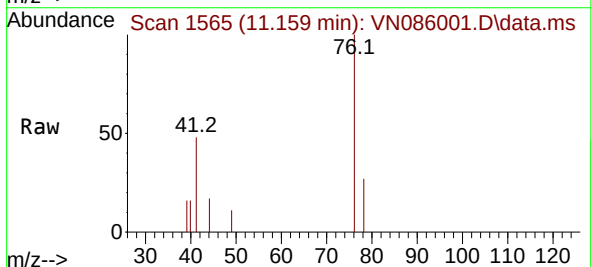
Manual Integrations
APPROVED

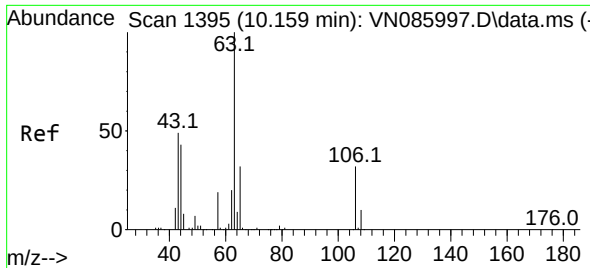
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#57
1,3-Dichloropropane
Concen: 0.960 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion: 76 Resp: 2752
Ion Ratio Lower Upper
76 100
78 29.9 25.8 38.6





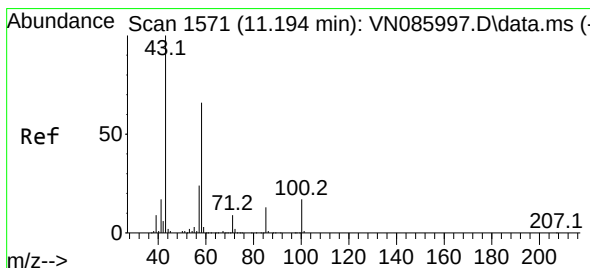
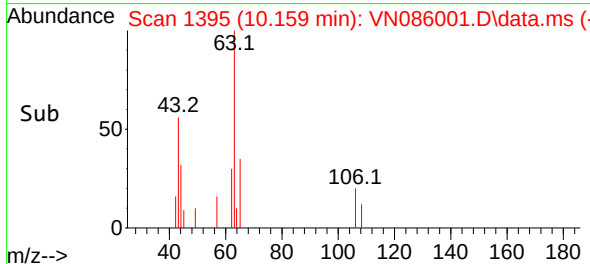
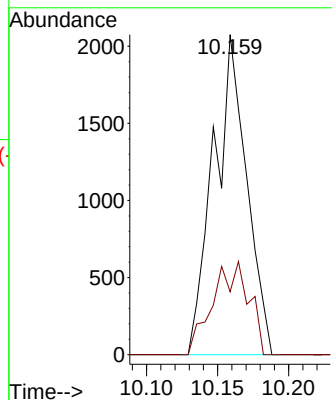
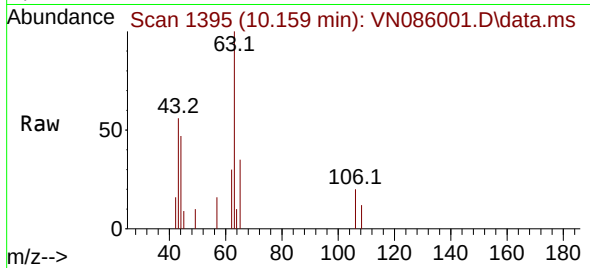
#58
2-Chloroethyl Vinyl ether
Concen: 7.514 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 335
Ion Ratio Lower Upper
63 100
106 31.8 25.0 37.6

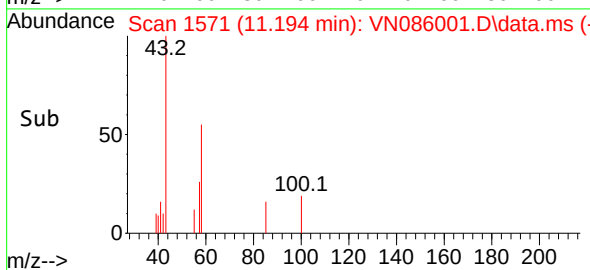
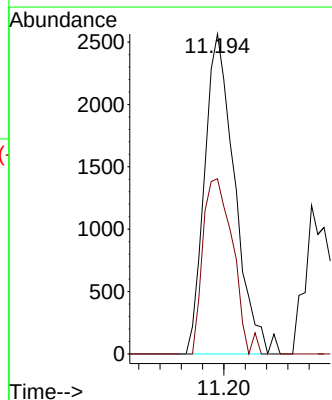
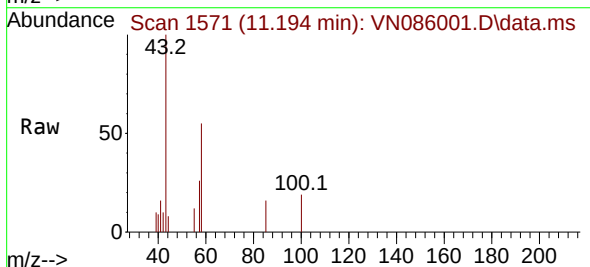
Manual Integrations
APPROVED

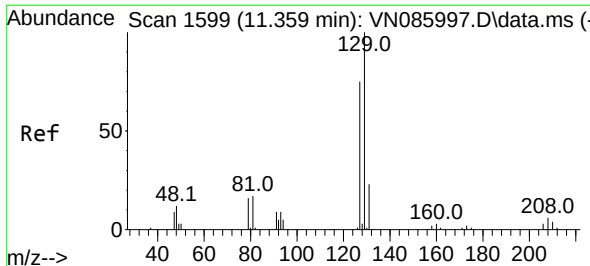
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#59
2-Hexanone
Concen: 3.734 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

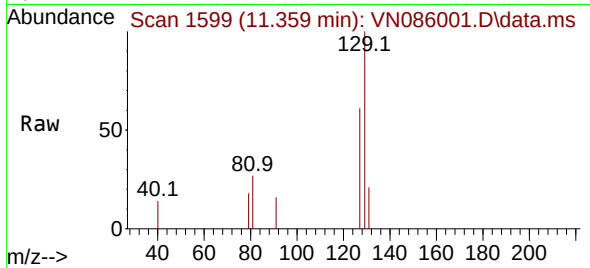
Tgt Ion: 43 Resp: 5032
Ion Ratio Lower Upper
43 100
58 54.2 32.4 97.2





#60
Dibromochloromethane
Concen: 0.954 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

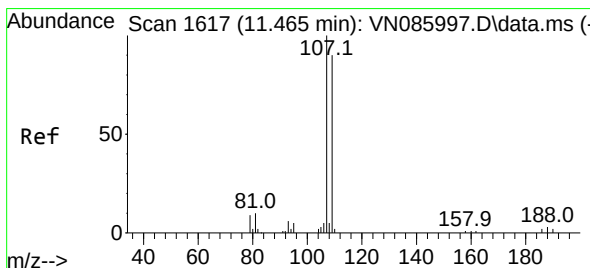
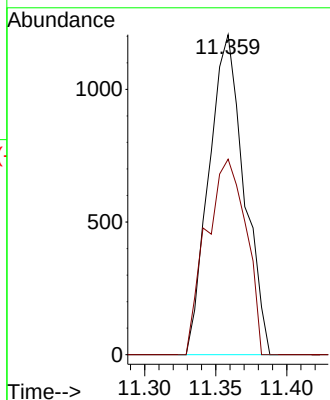
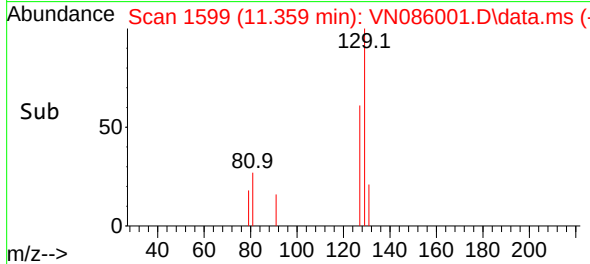
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



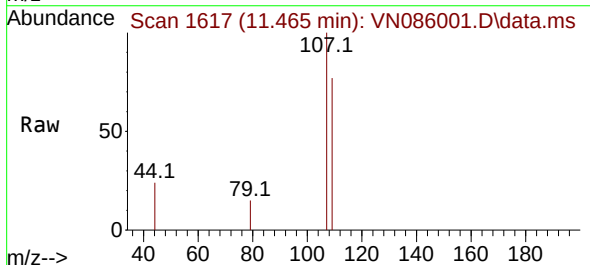
Tgt Ion:129 Resp: 207
Ion Ratio Lower Upper
129 100
127 69.0 37.8 113.4

Manual Integrations
APPROVED

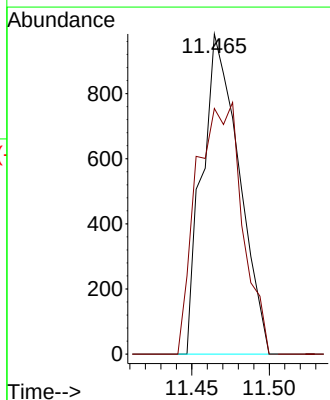
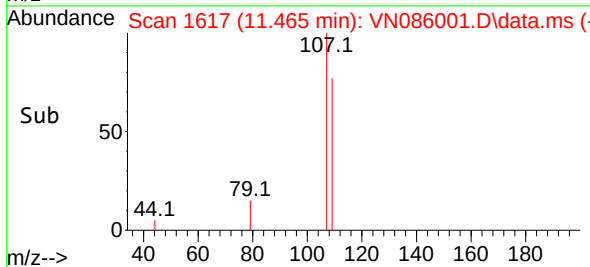
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

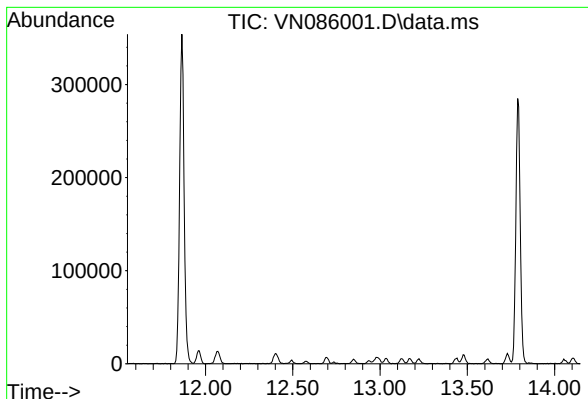


#61
1,2-Dibromoethane
Concen: 0.938 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



Tgt Ion:107 Resp: 1624
Ion Ratio Lower Upper
107 100
109 97.2 73.3 109.9





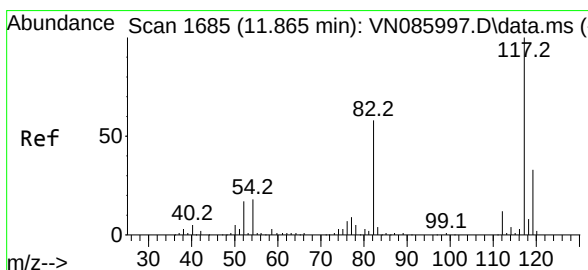
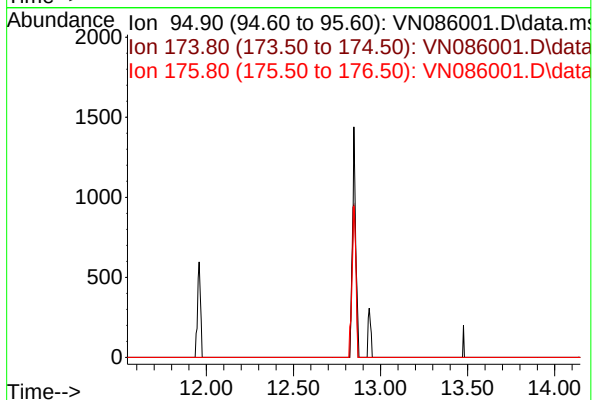
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 78.4
 176 76.1

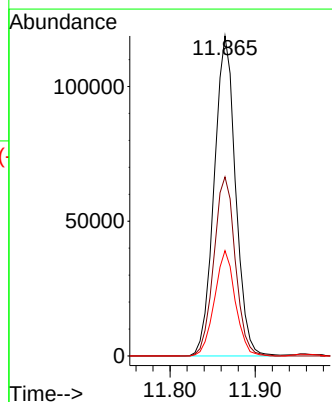
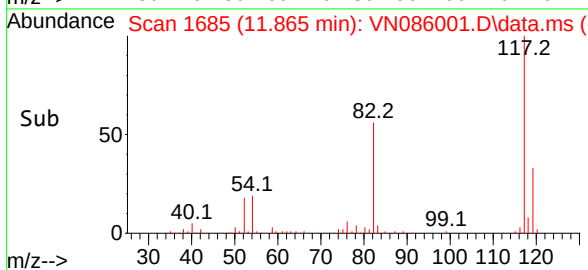
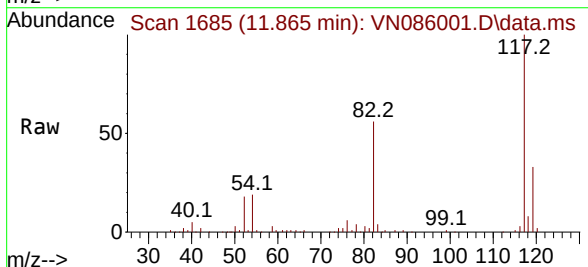
Manual Integrations
 APPROVED

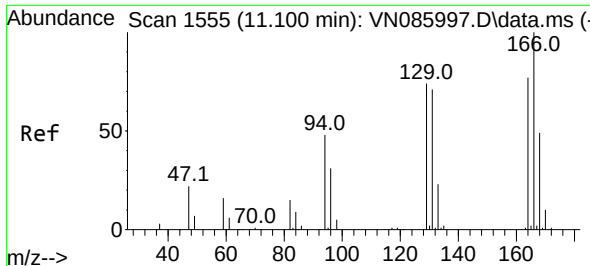
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

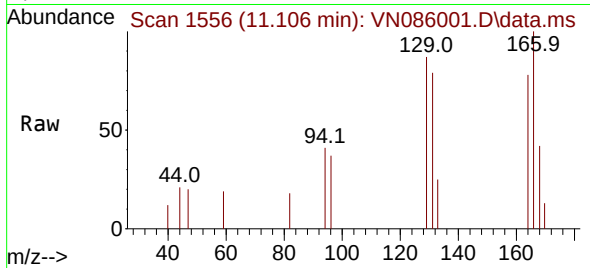
Tgt Ion:117 Resp: 206893
 Ion Ratio Lower Upper
 117 100
 82 56.0 46.7 70.1
 119 32.9 26.5 39.7





#64
Tetrachloroethene
Concen: 1.086 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

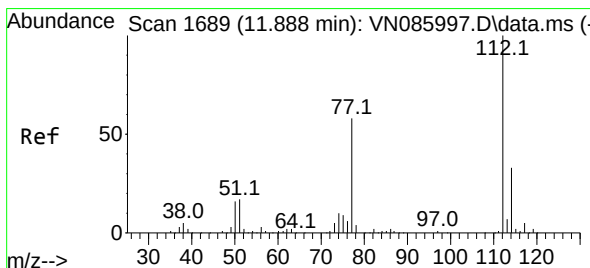
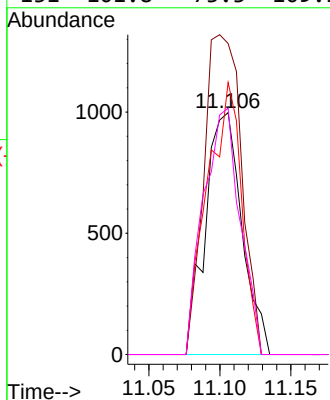
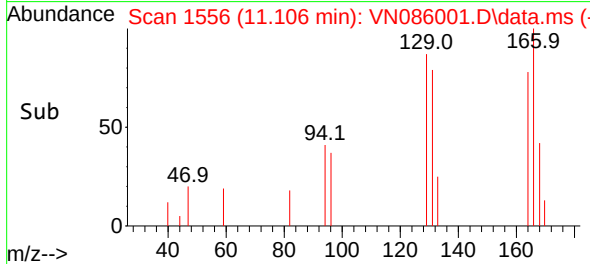
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



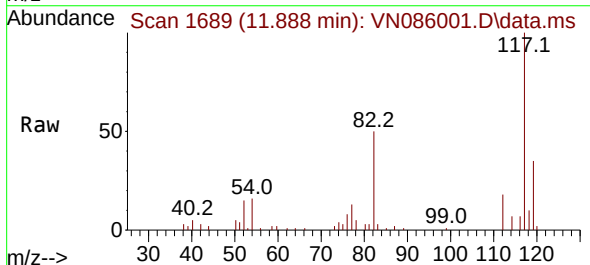
Tgt Ion:164 Resp: 1792
Ion Ratio Lower Upper
164 100
166 128.6 103.7 155.5
129 112.4 77.1 115.7
131 101.8 73.3 109.9

Manual Integrations
APPROVED

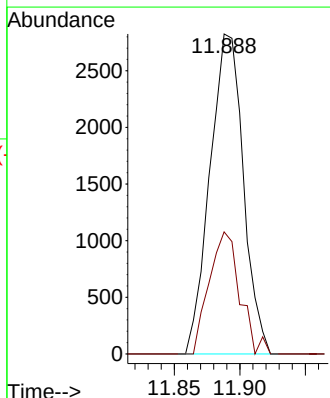
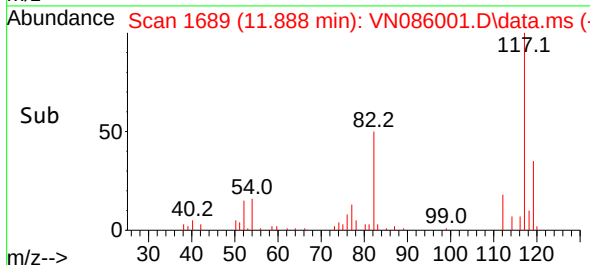
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

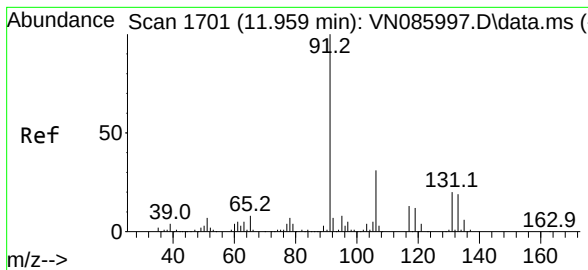


#65
Chlorobenzene
Concen: 1.056 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



Tgt Ion:112 Resp: 5000
Ion Ratio Lower Upper
112 100
114 38.1 26.3 39.5





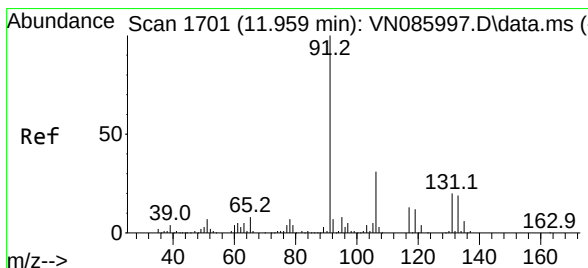
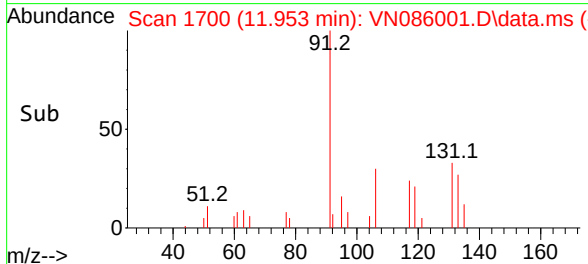
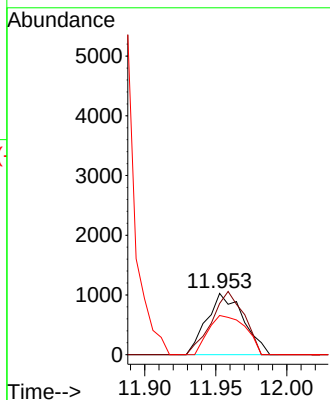
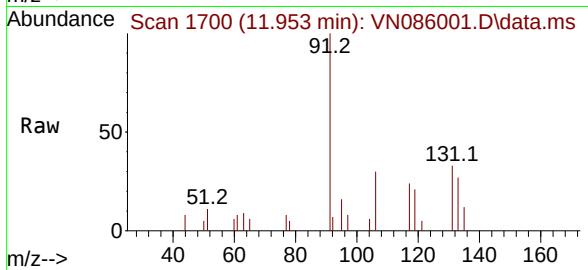
#66
1,1,1,2-Tetrachloroethane
Concen: 1.047 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 184
Ion Ratio Lower Upper
131 100
133 91.5 47.0 141.0
119 0.0 31.4 94.0

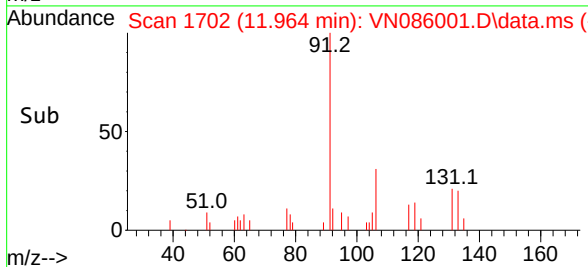
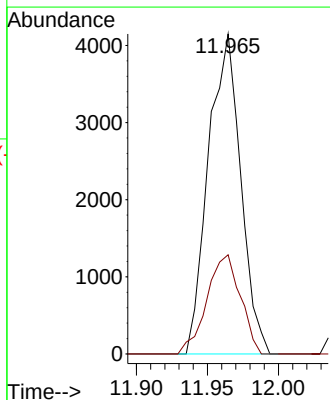
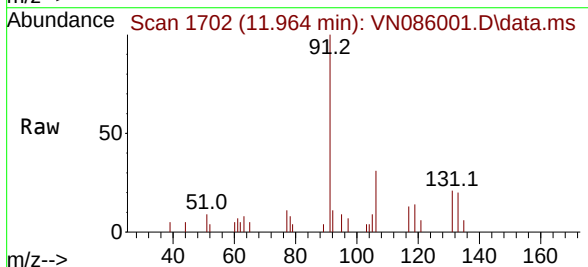
Manual Integrations
APPROVED

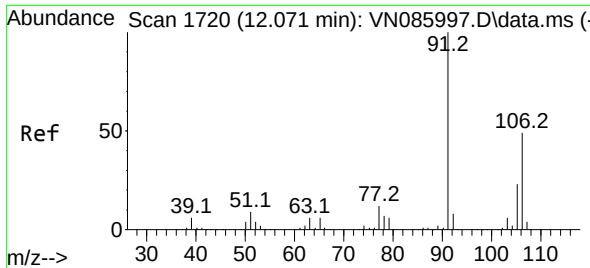
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#67
Ethyl Benzene
Concen: 0.866 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion: 91 Resp: 6561
Ion Ratio Lower Upper
91 100
106 31.0 24.5 36.7





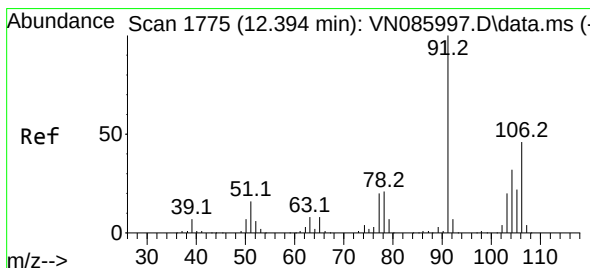
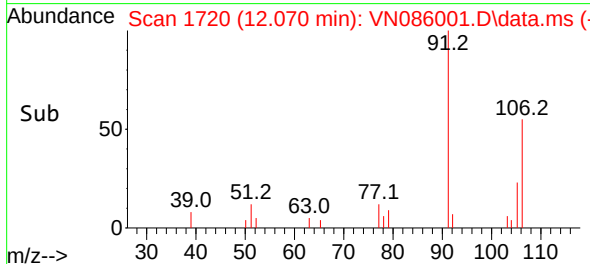
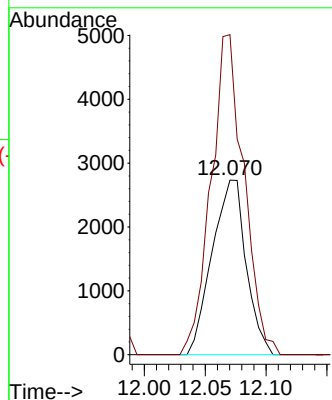
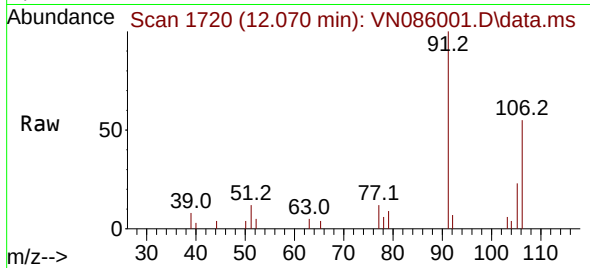
#68
m/p-Xylenes
Concen: 1.787 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 5319
Ion Ratio Lower Upper
106 100
91 177.4 163.9 245.9

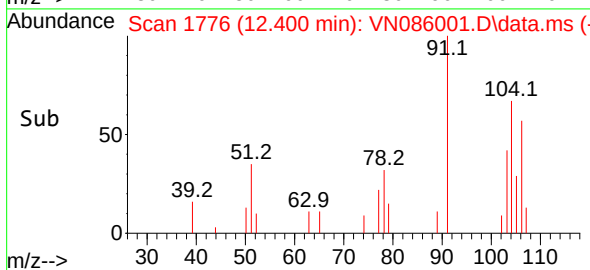
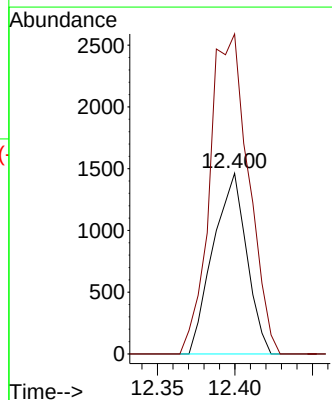
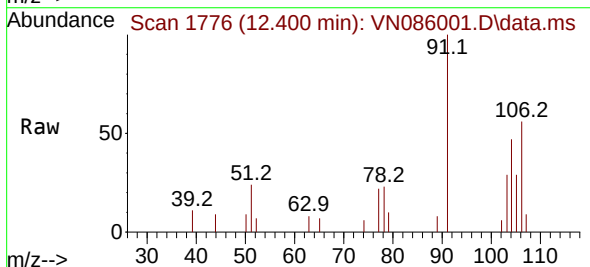
Manual Integrations
APPROVED

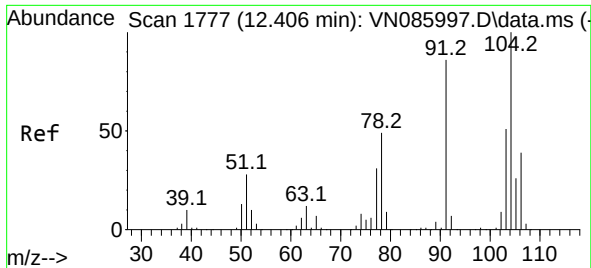
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#69
o-Xylene
Concen: 0.805 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion:106 Resp: 2200
Ion Ratio Lower Upper
106 100
91 205.0 109.1 327.2





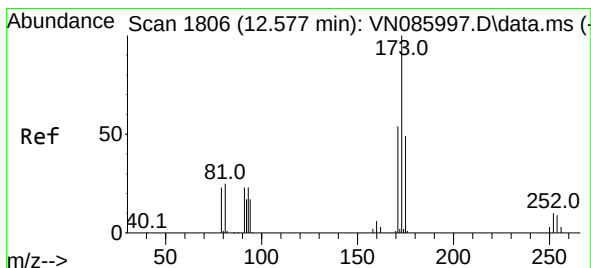
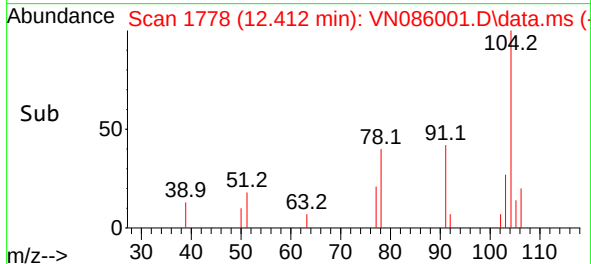
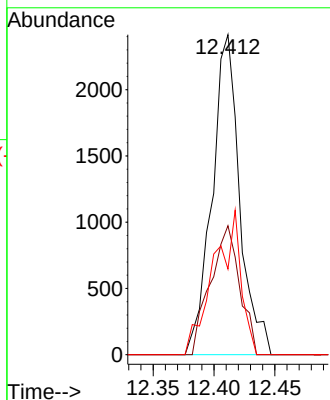
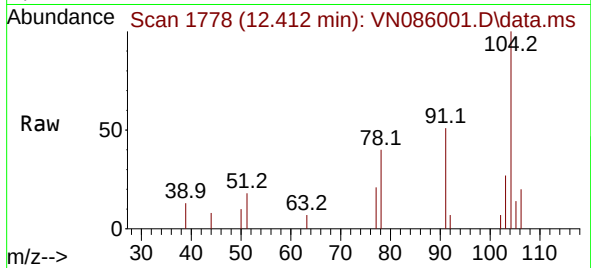
#70
Styrene
Concen: 0.819 ug/l
RT: 12.412 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 382
Ion Ratio Lower Upper
104 100
78 42.7 41.4 62.2
103 44.5 42.9 64.3

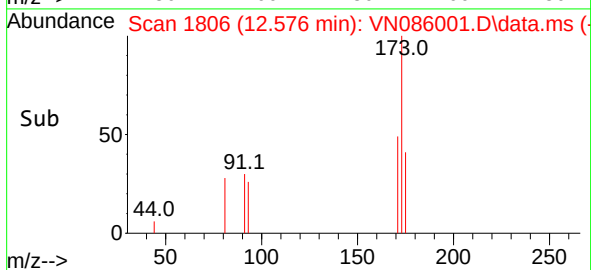
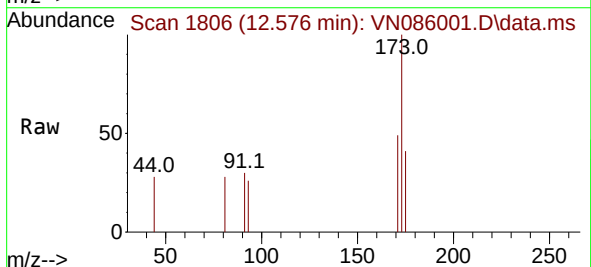
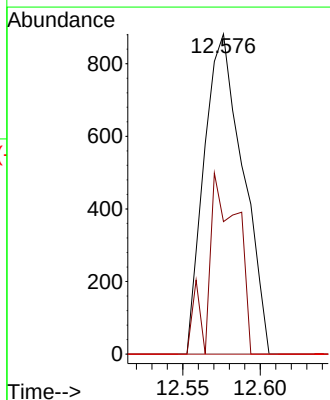
Manual Integrations
APPROVED

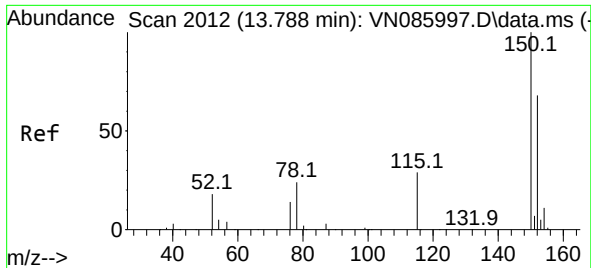
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#71
Bromoform
Concen: 1.044 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

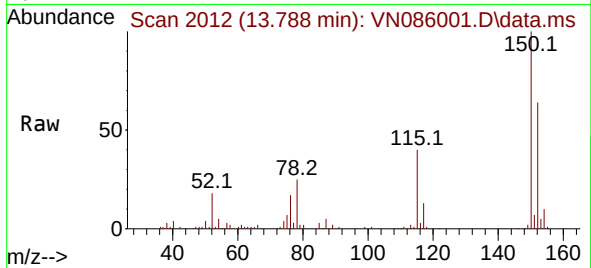
Tgt Ion:173 Resp: 1536
Ion Ratio Lower Upper
173 100
175 42.3 24.3 73.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

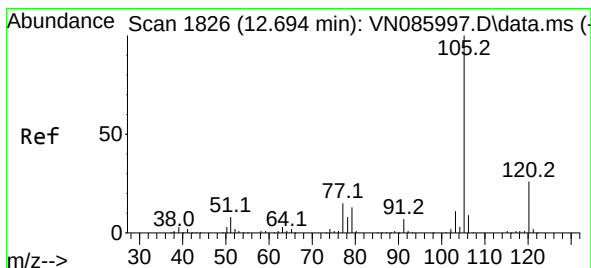
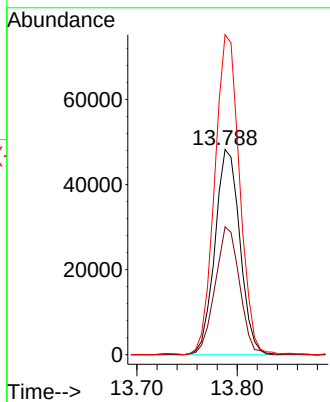
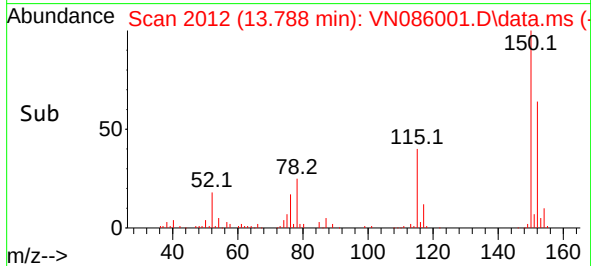
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



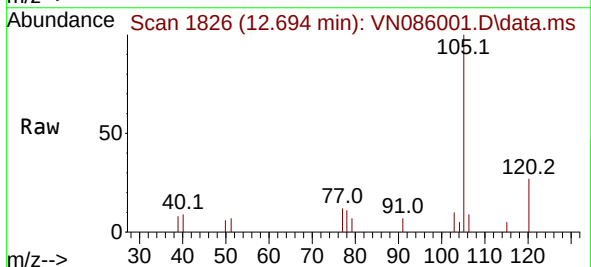
Tgt Ion:152 Resp: 83272
Ion Ratio Lower Upper
152 100
115 61.0 31.1 93.2
150 155.9 0.0 359.6

Manual Integrations
APPROVED

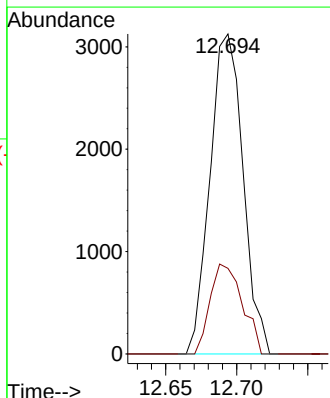
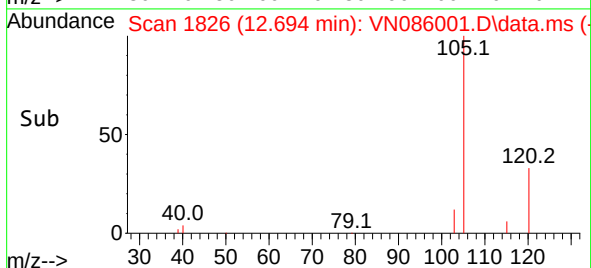
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

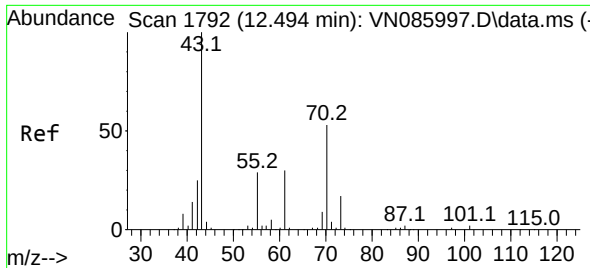


#73
Isopropylbenzene
Concen: 0.890 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



Tgt Ion:105 Resp: 5061
Ion Ratio Lower Upper
105 100
120 27.4 13.0 39.0





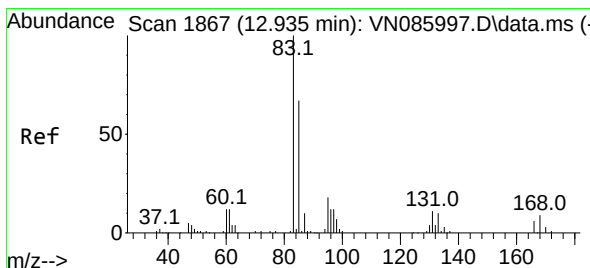
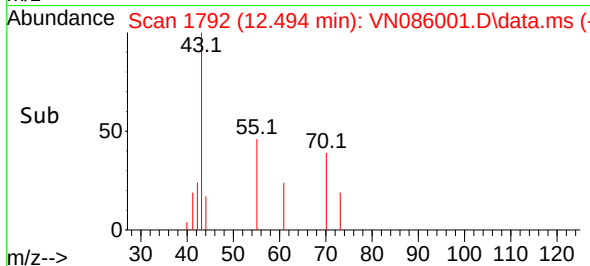
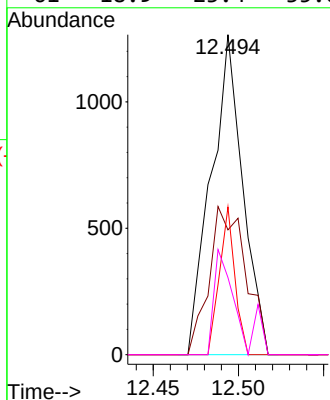
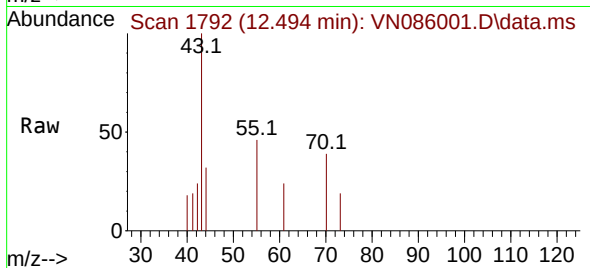
#74
N-amy1 acetate
Concen: 0.861 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43	Resp: 1639
Ion Ratio	Lower Upper
43 100	
70 53.4	43.0 64.4
55 22.5	23.8 35.8
61 18.9	23.4 35.0

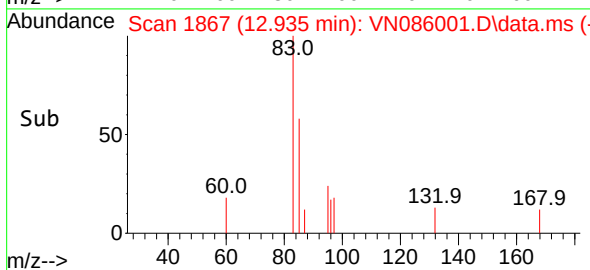
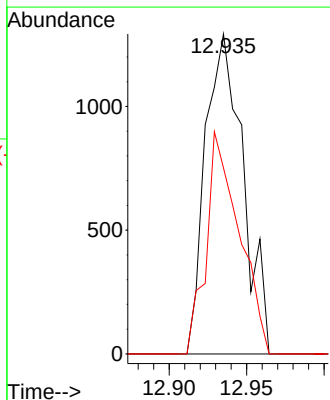
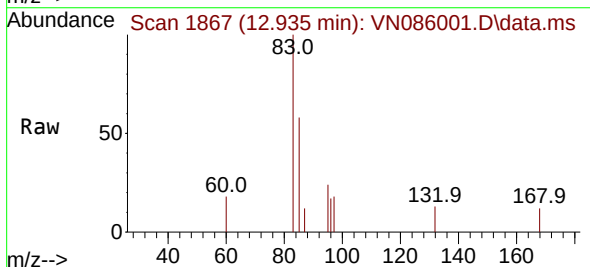
Manual Integrations
APPROVED

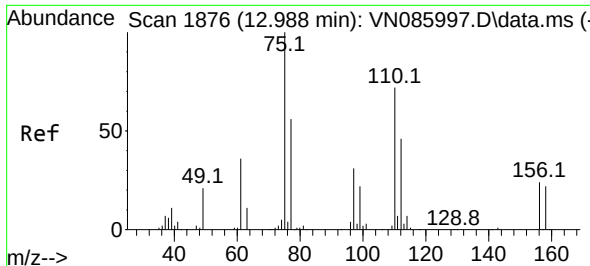
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#75
1,1,2,2-Tetrachloroethane
Concen: 1.135 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion: 83	Resp: 2184
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.5#
85 60.7	32.6 97.8





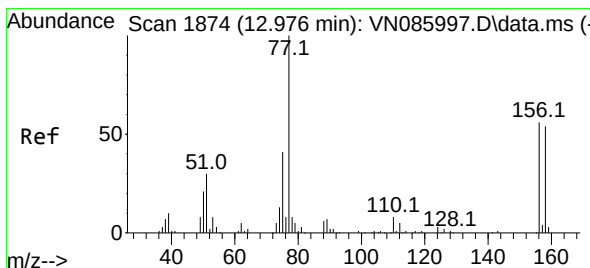
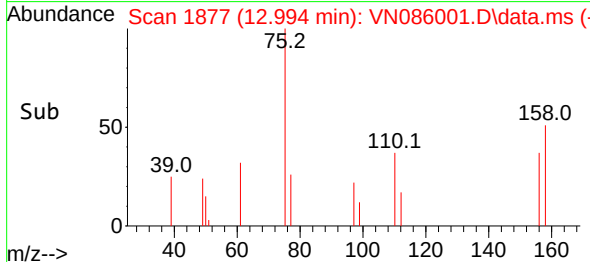
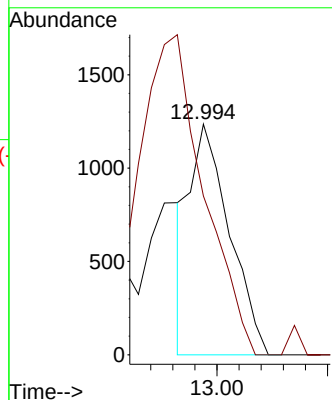
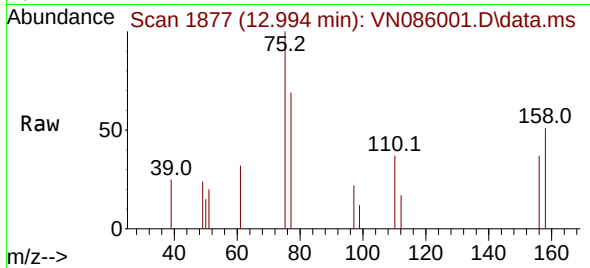
#76
1,2,3-Trichloropropane
Concen: 0.812 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 154
Ion Ratio Lower Upper
75 100
77 228.0 83.7 251.0

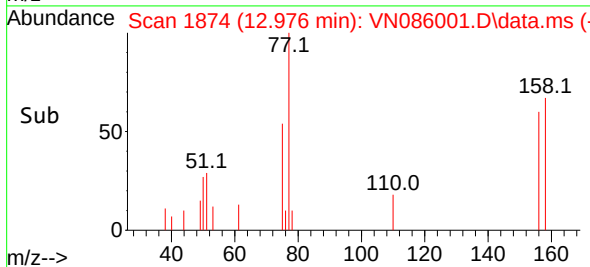
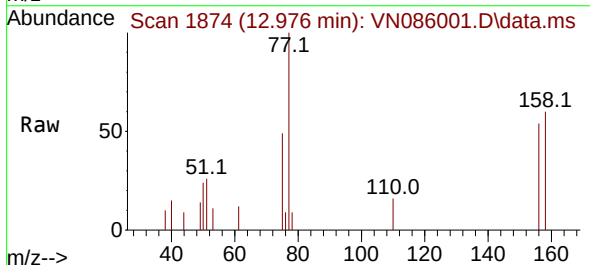
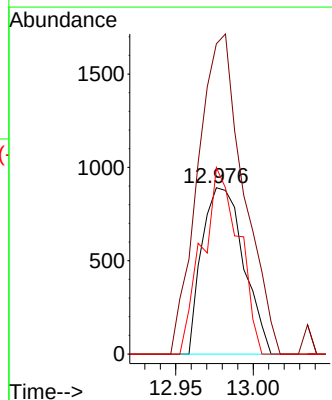
Manual Integrations
APPROVED

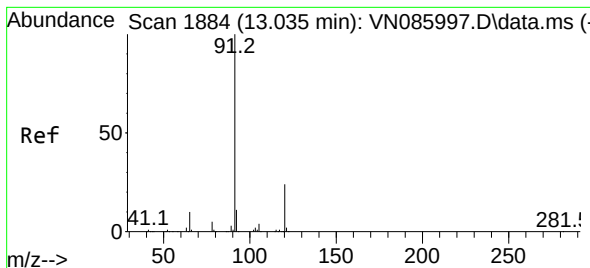
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#77
Bromobenzene
Concen: 1.051 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion:156 Resp: 1666
Ion Ratio Lower Upper
156 100
77 210.9 104.1 312.3
158 99.8 49.0 147.0





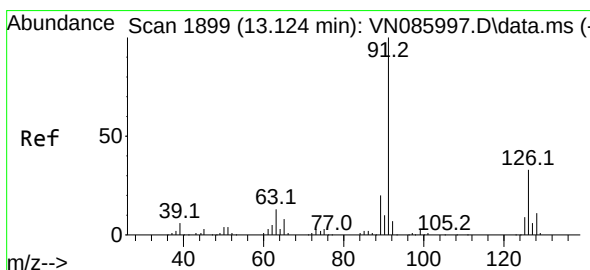
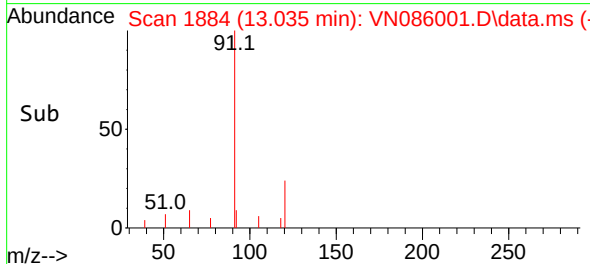
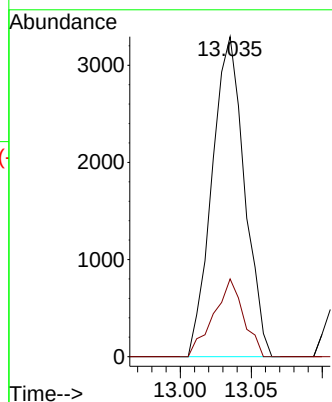
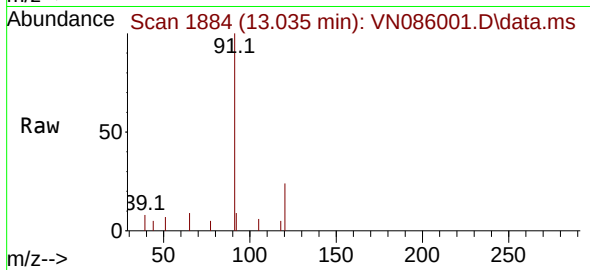
#78
n-propylbenzene
Concen: 0.814 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 524
Ion Ratio Lower Upper
91 100
120 22.4 11.7 35.0

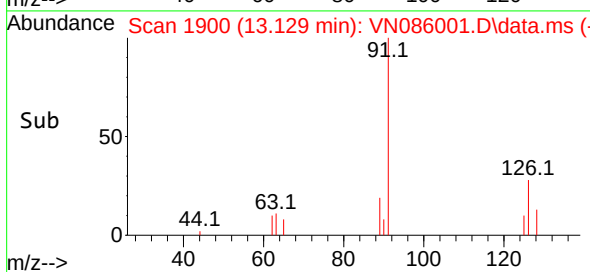
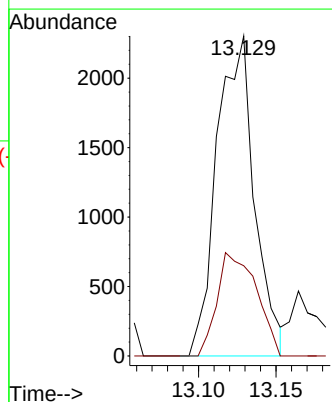
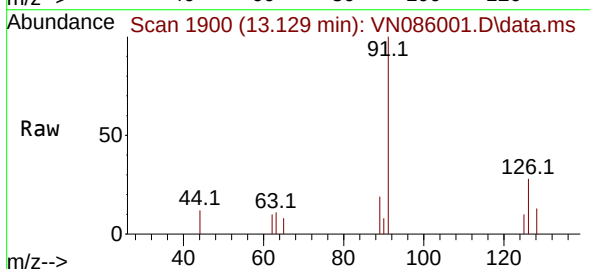
Manual Integrations
APPROVED

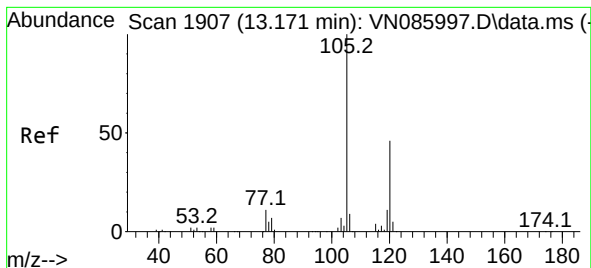
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#79
2-Chlorotoluene
Concen: 0.909 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

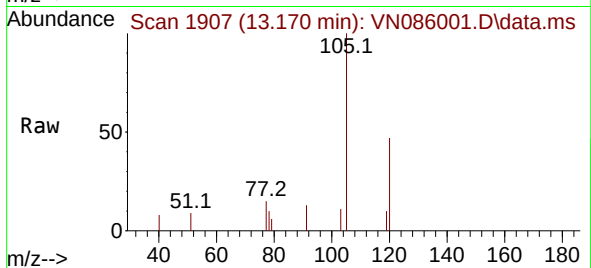
Tgt Ion: 91 Resp: 3888
Ion Ratio Lower Upper
91 100
126 33.7 16.4 49.2





#80
 1,3,5-Trimethylbenzene
 Concen: 0.830 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09

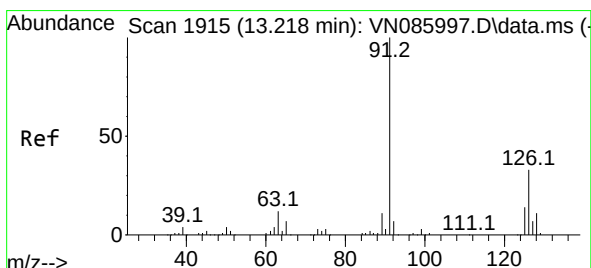
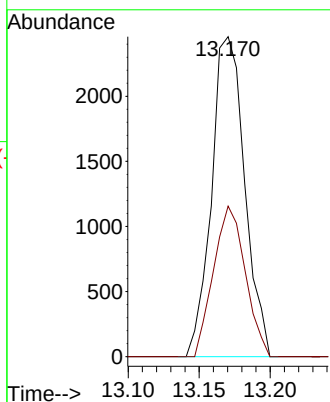
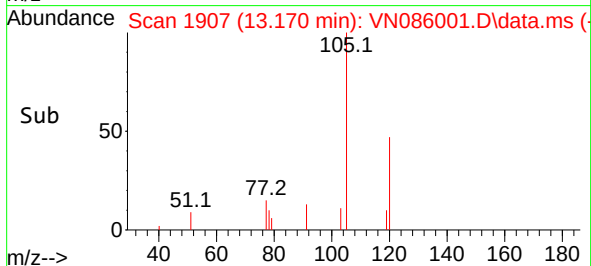
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



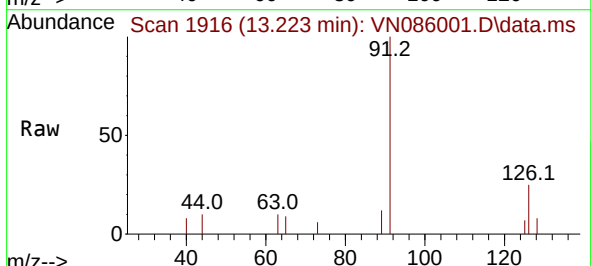
Tgt Ion:105 Resp: 3984
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.7 71.1

Manual Integrations
 APPROVED

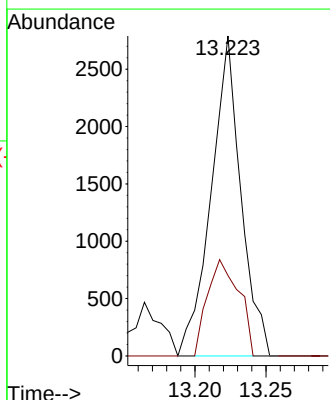
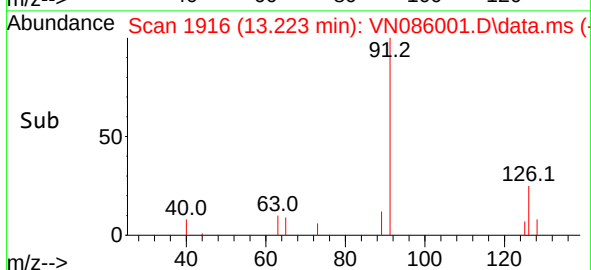
Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025

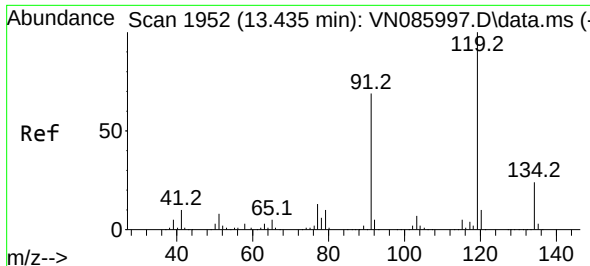


#82
 4-Chlorotoluene
 Concen: 0.925 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.006 min
 Lab File: VN086001.D
 Acq: 18 Mar 2025 14:09



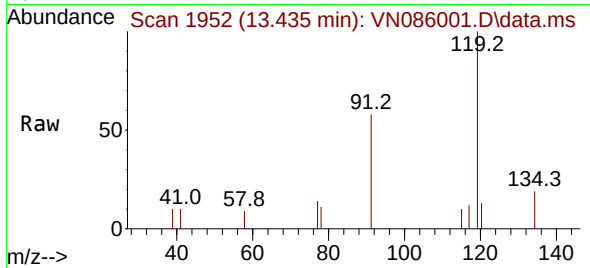
Tgt Ion: 91 Resp: 4068
 Ion Ratio Lower Upper
 91 100
 126 32.0 16.1 48.2





#83
tert-Butylbenzene
Concen: 0.965 ug/l
RT: 13.435 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

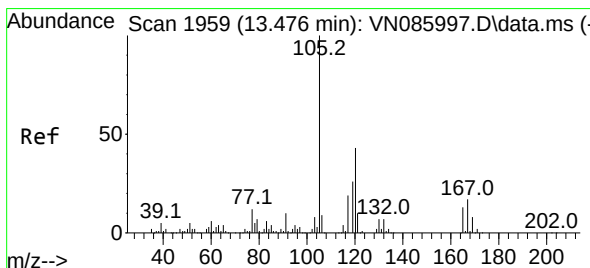
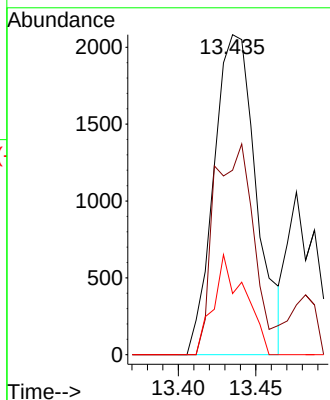
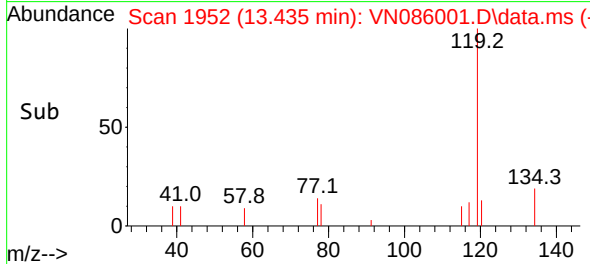
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



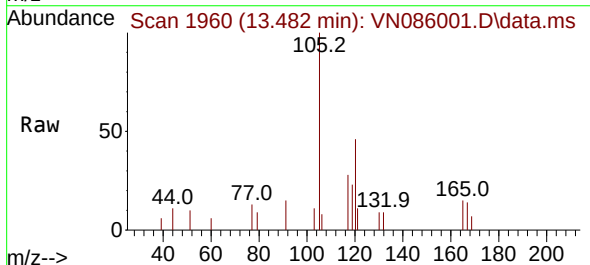
Tgt Ion:119 Resp: 396
Ion Ratio Lower Upper
119 100
91 62.0 34.3 102.9
134 23.1 13.5 40.5

Manual Integrations
APPROVED

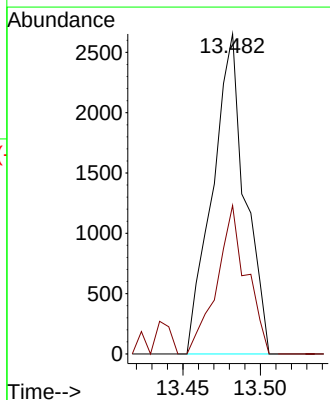
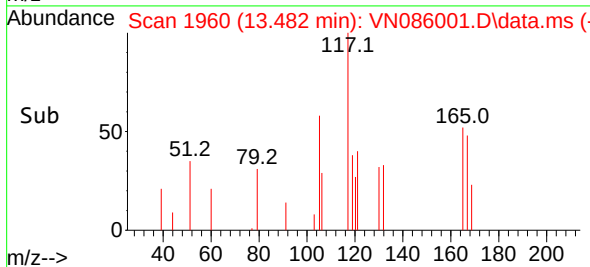
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

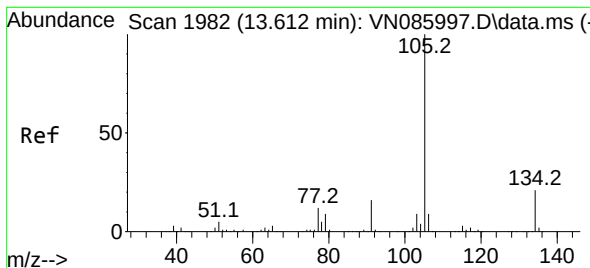


#84
1,2,4-Trimethylbenzene
Concen: 0.801 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



Tgt Ion:105 Resp: 3881
Ion Ratio Lower Upper
105 100
120 42.2 21.9 65.8





#85

sec-Butylbenzene

Concen: 0.753 ug/l

RT: 13.617 min Scan# 1982

Delta R.T. 0.006 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

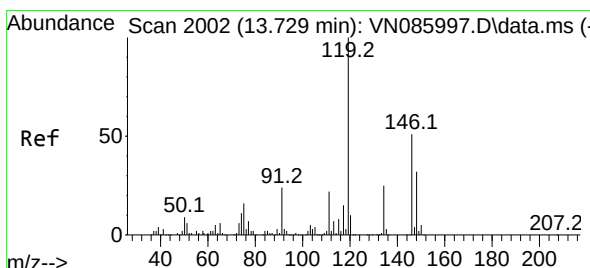
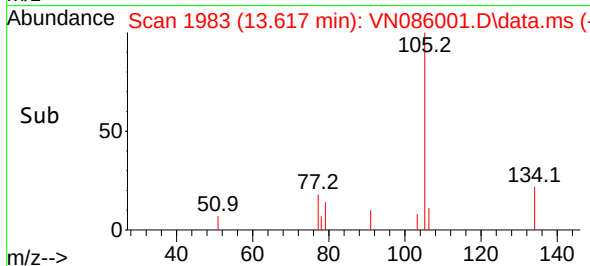
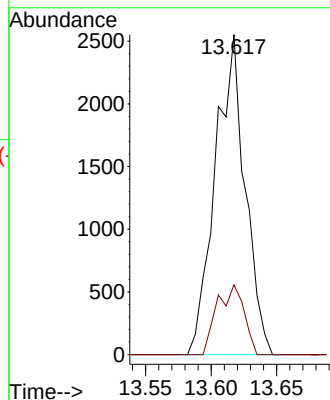
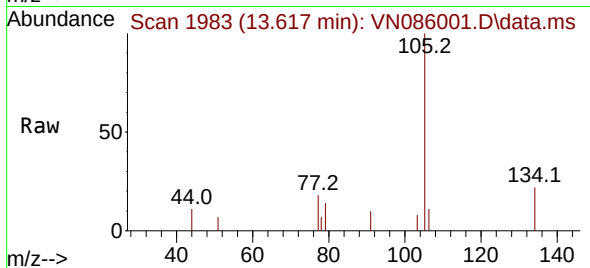
Tgt Ion:105 Resp: 4035
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2025

Supervised By :Mahesh Dadoda 03/19/2025



#86

p-Isopropyltoluene

Concen: 0.767 ug/l

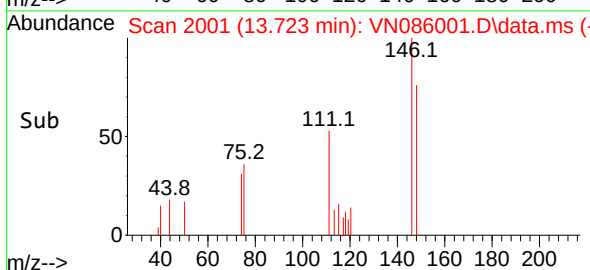
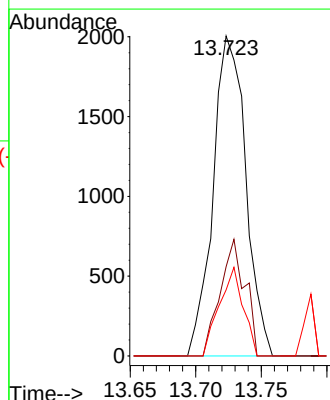
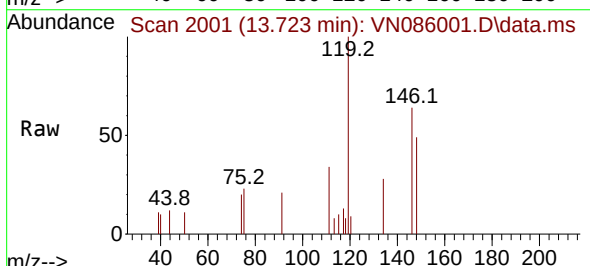
RT: 13.723 min Scan# 2001

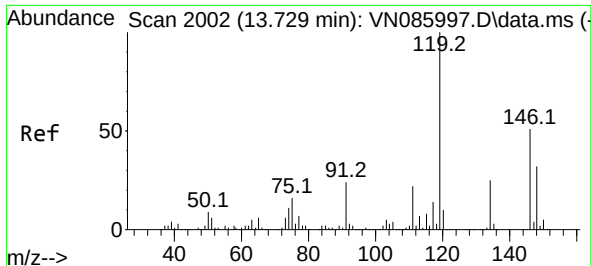
Delta R.T. -0.006 min

Lab File: VN086001.D

Acq: 18 Mar 2025 14:09

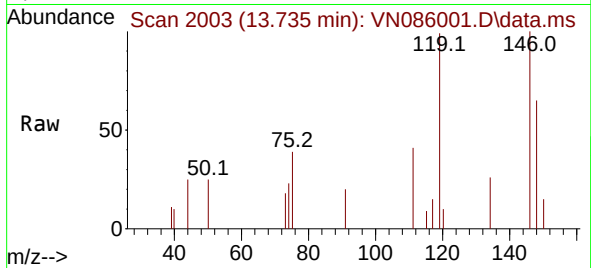
Tgt Ion:119 Resp: 3477
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.6 37.8
 91 20.2 12.3 36.8





#87
1,3-Dichlorobenzene
Concen: 0.984 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

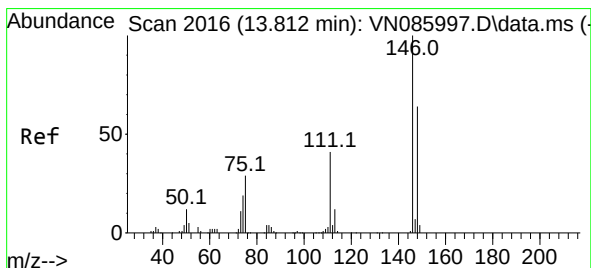
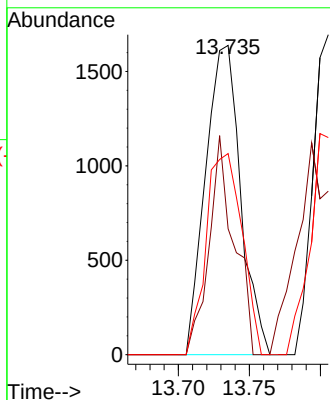
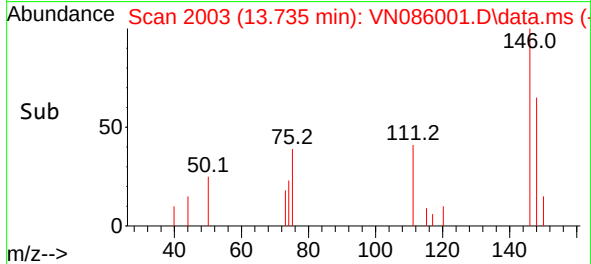
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:146 Resp: 281
Ion Ratio Lower Upper
146 100
111 50.4 21.2 63.6
148 66.9 31.8 95.4

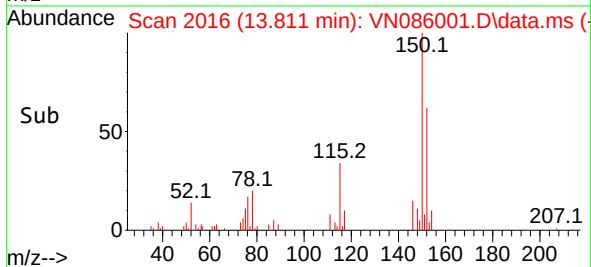
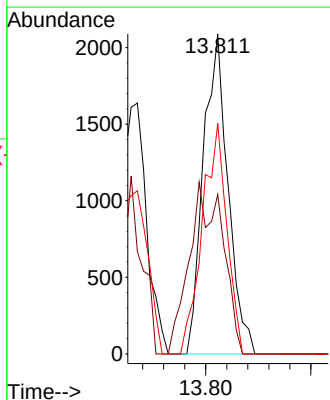
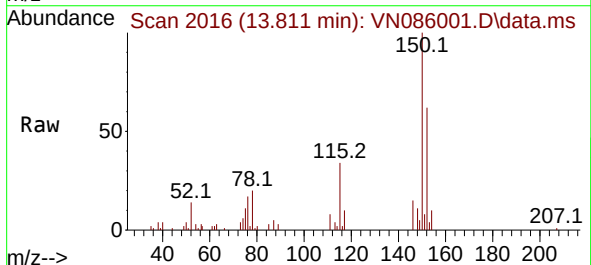
Manual Integrations
APPROVED

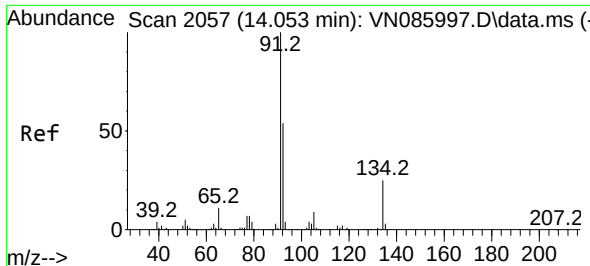
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#88
1,4-Dichlorobenzene
Concen: 1.133 ug/l m
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion:146 Resp: 3403
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.3
148 55.3 32.1 96.5





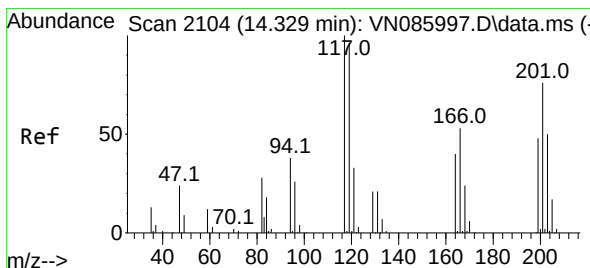
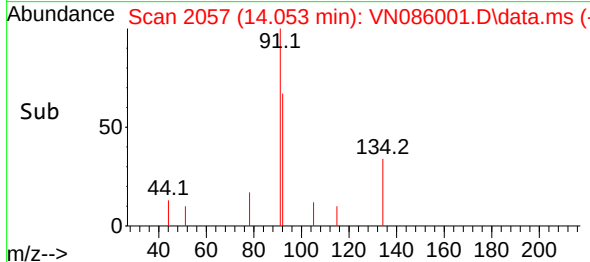
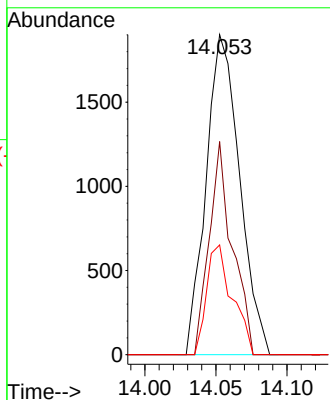
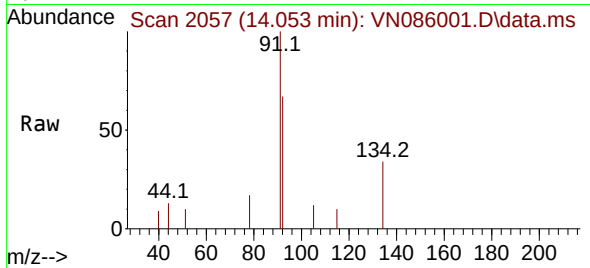
#89
n-Butylbenzene
Concen: 0.846 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 3124
Ion Ratio Lower Upper
91 100
92 46.0 26.9 80.6
134 26.3 13.0 39.0

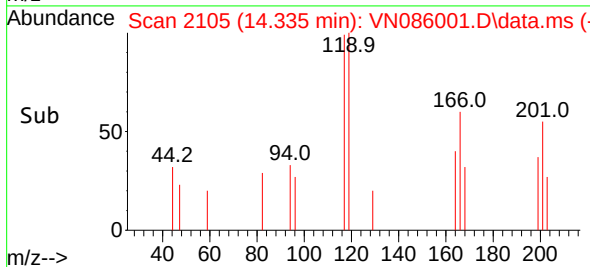
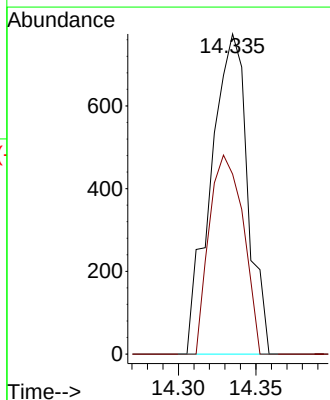
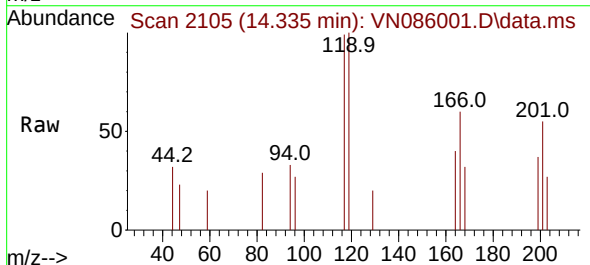
Manual Integrations
APPROVED

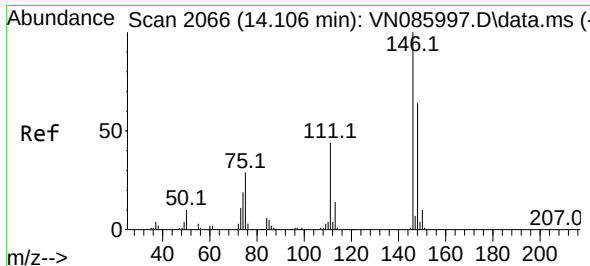
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#90
Hexachloroethane
Concen: 1.220 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Tgt Ion:117 Resp: 1276
Ion Ratio Lower Upper
117 100
201 57.6 39.1 117.3





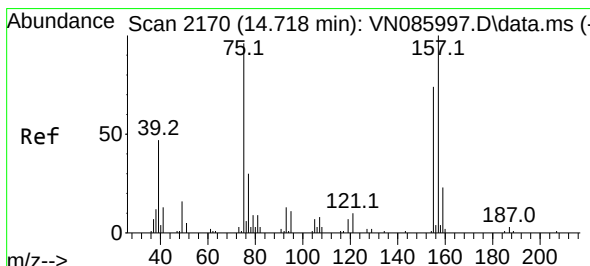
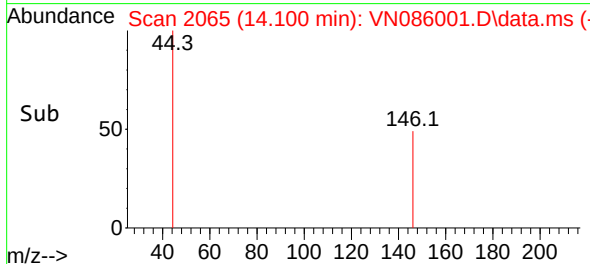
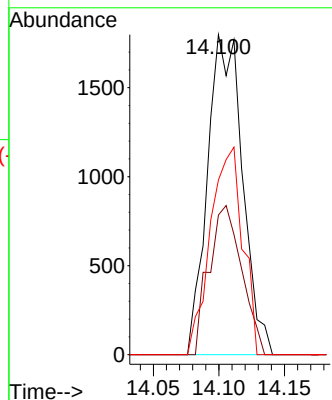
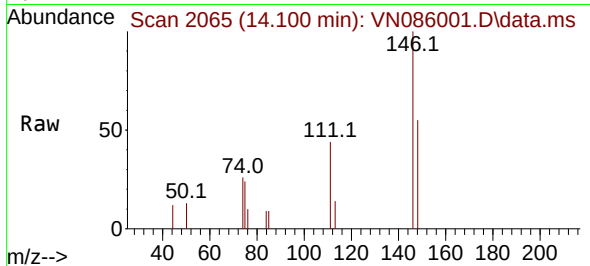
#91
1,2-Dichlorobenzene
Concen: 1.174 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 333
Ion Ratio Lower Upper
146 100
111 43.8 22.3 66.8
148 59.7 32.1 96.5

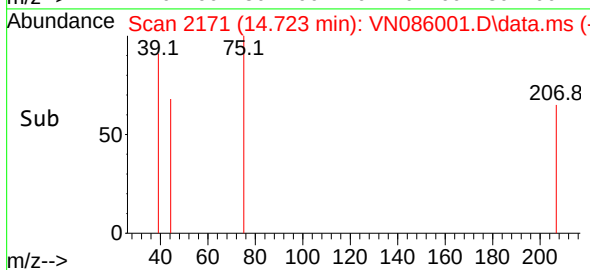
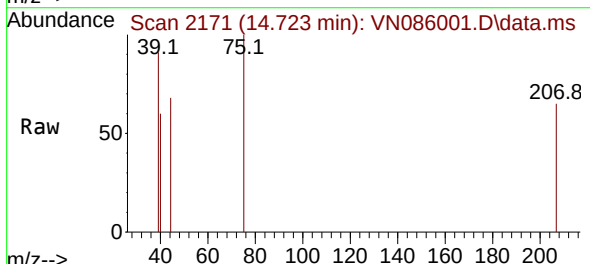
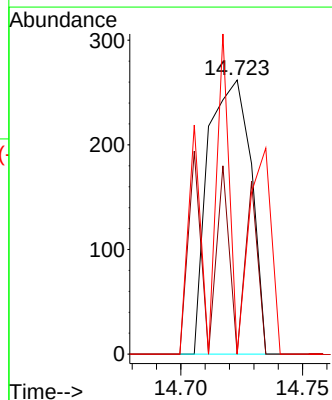
Manual Integrations
APPROVED

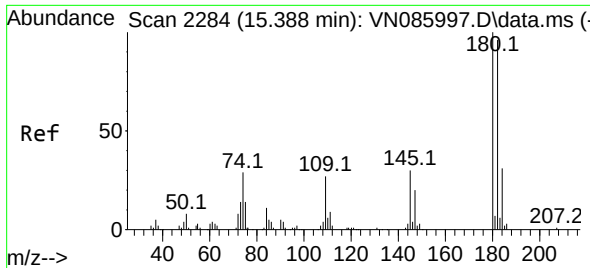
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.831 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

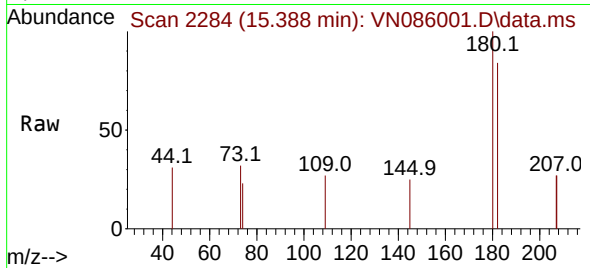
Tgt Ion: 75 Resp: 319
Ion Ratio Lower Upper
75 100
155 0.0 41.0 123.0#
157 33.9 53.7 161.1#





#93
1,2,4-Trichlorobenzene
Concen: 1.048 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

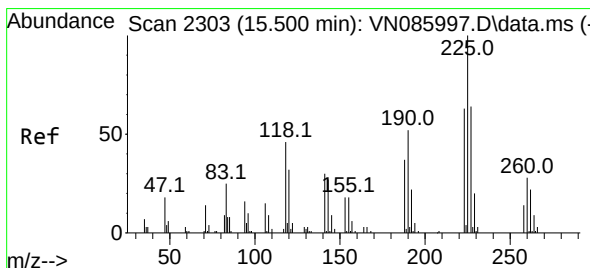
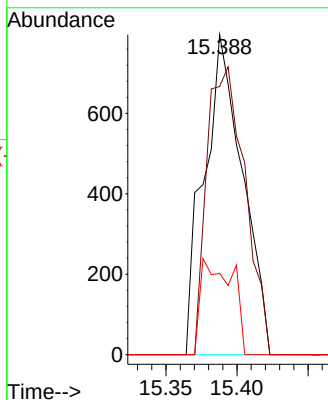
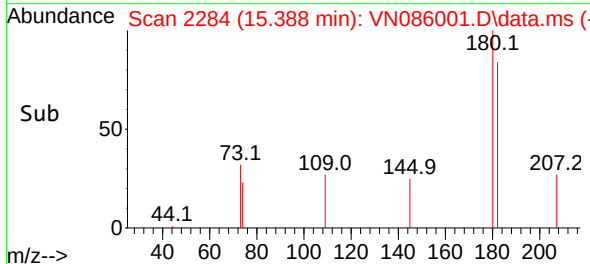
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



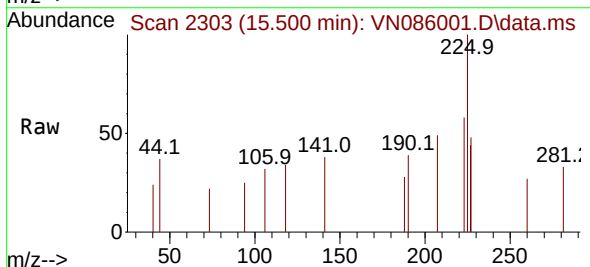
Tgt Ion:180 Resp: 149
Ion Ratio Lower Upper
180 100
182 89.6 47.0 141.0
145 24.4 15.5 46.5

Manual Integrations
APPROVED

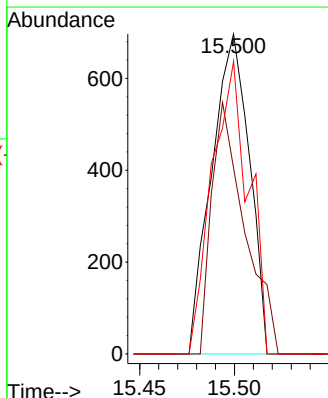
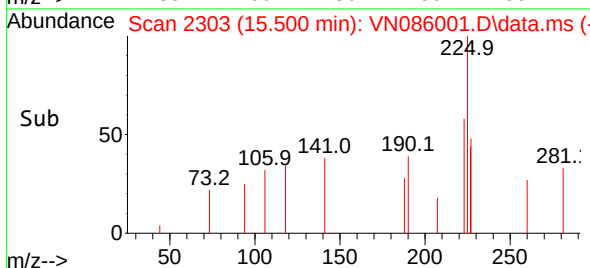
Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

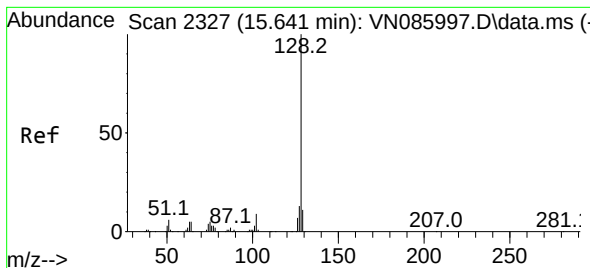


#94
Hexachlorobutadiene
Concen: 1.164 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



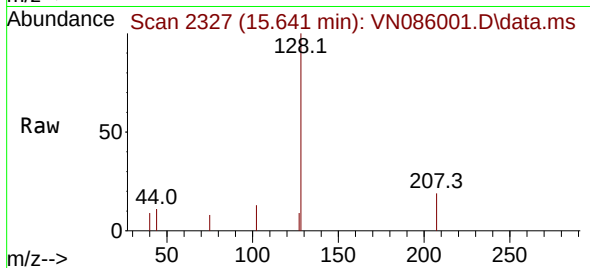
Tgt Ion:225 Resp: 965
Ion Ratio Lower Upper
225 100
223 69.1 31.3 93.9
227 88.8 32.1 96.3





#95
Naphthalene
Concen: 1.006 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09

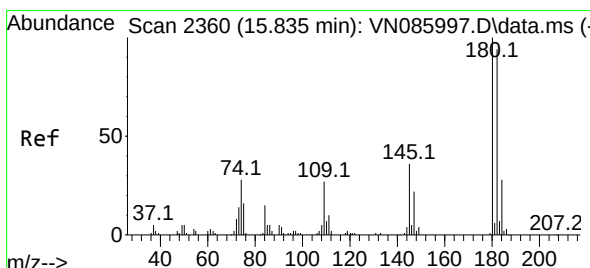
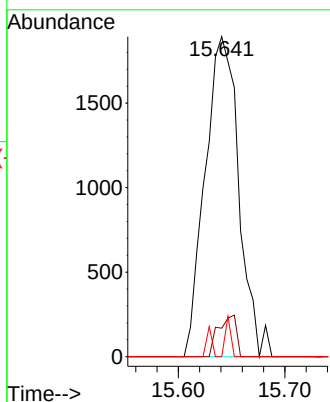
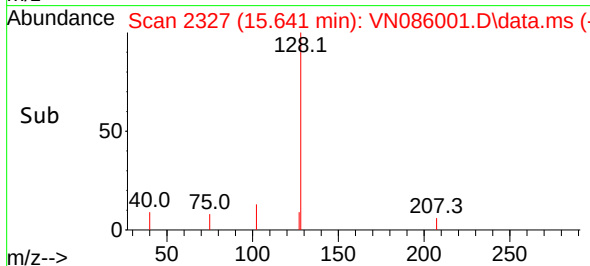
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



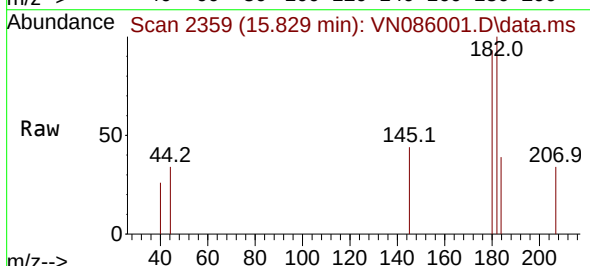
Tgt Ion:128 Resp: 4162
Ion Ratio Lower Upper
128 100
127 6.9 10.2 15.4
129 2.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.980 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VN086001.D
Acq: 18 Mar 2025 14:09



Tgt Ion:180 Resp: 1329
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 7.3 17.7 53.1

