

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
 Data File : VN085776.D
 Acq On : 18 Feb 2025 12:43
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 03:18:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:03:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	272461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	471970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	396883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	179241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	20906	5.918	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.840%#		
35) Dibromofluoromethane	8.165	113	16866	5.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.920%#		
50) Toluene-d8	10.559	98	57180	5.089	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.180%#		
62) 4-Bromofluorobenzene	12.841	95	17484	4.723	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.440%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	17717	4.781	ug/l	97
3) Chloromethane	2.359	50	18038	4.850	ug/l	98
4) Vinyl Chloride	2.512	62	19849	5.041	ug/l	93
5) Bromomethane	2.953	94	13523	5.371	ug/l	97
6) Chloroethane	3.118	64	12801	4.908	ug/l	93
7) Trichlorofluoromethane	3.500	101	29008	5.088	ug/l	92
8) Diethyl Ether	3.959	74	9618	5.214	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	17299	5.250	ug/l	98
10) Methyl Iodide	4.595	142	19721	4.855	ug/l #	88
11) Tert butyl alcohol	5.518	59	11272	25.945	ug/l #	94
12) 1,1-Dichloroethene	4.342	96	15564	5.209	ug/l	96
13) Acrolein	4.177	56	17171	26.652	ug/l	95
14) Allyl chloride	5.012	41	19720	5.027	ug/l	94
15) Acrylonitrile	5.718	53	35404	25.067	ug/l	98
16) Acetone	4.424	43	28402	25.411	ug/l	100
17) Carbon Disulfide	4.706	76	43711	4.936	ug/l	96
18) Methyl Acetate	5.018	43	18793	4.888	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	42491	4.786	ug/l	98
20) Methylene Chloride	5.271	84	18139	5.046	ug/l #	88
21) trans-1,2-Dichloroethene	5.783	96	16330	5.076	ug/l	93
22) Diisopropyl ether	6.671	45	42703	4.817	ug/l	95
23) Vinyl Acetate	6.594	43	140821m	23.273	ug/l	
24) 1,1-Dichloroethane	6.565	63	30658	5.088	ug/l #	93
25) 2-Butanone	7.477	43	40795	24.809	ug/l	95
26) 2,2-Dichloropropane	7.488	77	26889	5.018	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	18673	5.006	ug/l	98
28) Bromochloromethane	7.806	49	15543	6.276	ug/l	91
29) Tetrahydrofuran	7.841	42	24907	23.457	ug/l	98
30) Chloroform	7.959	83	31702	5.034	ug/l	100
31) Cyclohexane	8.247	56	28784	5.705	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	28815	5.145	ug/l #	50
36) 1,1-Dichloropropene	8.365	75	20593	4.711	ug/l	98
37) Ethyl Acetate	7.553	43	17768	4.940	ug/l #	85
38) Carbon Tetrachloride	8.353	117	25734	4.955	ug/l	95
39) Methylcyclohexane	9.594	83	19113	4.451	ug/l	97
40) Benzene	8.600	78	67051	4.786	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
 Data File : VN085776.D
 Acq On : 18 Feb 2025 12:43
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 03:18:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:03:15 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	9296	4.835	ug/l	98
42) 1,2-Dichloroethane	8.665	62	21886	4.796	ug/l	99
43) Isopropyl Acetate	8.682	43	35032	5.059	ug/l	92
44) Trichloroethene	9.347	130	16513	4.801	ug/l	96
45) 1,2-Dichloropropane	9.618	63	16228	4.799	ug/l	97
46) Dibromomethane	9.706	93	11544	4.840	ug/l	98
47) Bromodichloromethane	9.888	83	25152	4.929	ug/l	96
48) Methyl methacrylate	9.677	41	12200	4.567	ug/l	97
49) 1,4-Dioxane	9.688	88	4669	91.913	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	80666	23.260	ug/l	96
52) Toluene	10.629	92	38701	4.713	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	22215	4.708	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	24235	4.684	ug/l #	91
55) 1,1,2-Trichloroethane	11.012	97	16352	5.008	ug/l	94
56) Ethyl methacrylate	10.871	69	18032	4.704	ug/l	99
57) 1,3-Dichloropropane	11.159	76	26117	4.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	41567	14.159	ug/l	97
59) 2-Hexanone	11.188	43	53498	22.424	ug/l	94
60) Dibromochloromethane	11.353	129	18137	4.771	ug/l	98
61) 1,2-Dibromoethane	11.465	107	15097	4.894	ug/l	99
64) Tetrachloroethene	11.100	164	15504	5.043	ug/l	92
65) Chlorobenzene	11.888	112	45215	4.973	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	15949	4.880	ug/l	98
67) Ethyl Benzene	11.959	91	66079	4.640	ug/l	99
68) m/p-Xylenes	12.065	106	48412	8.949	ug/l	99
69) o-Xylene	12.394	106	23196	4.512	ug/l	100
70) Styrene	12.406	104	35138	4.557	ug/l	97
71) Bromoform	12.576	173	11934	4.915	ug/l #	94
73) Isopropylbenzene	12.694	105	54982	4.477	ug/l	99
74) N-amyl acetate	12.488	43	20017	4.623	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.929	83	21823	5.164	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	20813m	5.285	ug/l	
77) Bromobenzene	12.976	156	16215	4.888	ug/l	95
78) n-propylbenzene	13.029	91	62073	4.414	ug/l	99
79) 2-Chlorotoluene	13.117	91	43457	4.625	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	43342	4.333	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.729	75	6070	4.448	ug/l	90
82) 4-Chlorotoluene	13.217	91	43684	4.690	ug/l	100
83) tert-Butylbenzene	13.435	119	37975	4.515	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	42792	4.324	ug/l	97
85) sec-Butylbenzene	13.612	105	52659	4.431	ug/l	98
86) p-Isopropyltoluene	13.723	119	41010	4.632	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	30417	4.894	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	31847	4.999	ug/l	96
89) n-Butylbenzene	14.053	91	36427	4.317	ug/l	98
90) Hexachloroethane	14.329	117	11276	5.010	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	29424	4.923	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	3987	5.138	ug/l	89
93) 1,2,4-Trichlorobenzene	15.388	180	13040	4.578	ug/l	96
94) Hexachlorobutadiene	15.494	225	8623	4.982	ug/l	98
95) Naphthalene	15.635	128	33300	4.259	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	13188	4.612	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
Data File : VN085776.D
Acq On : 18 Feb 2025 12:43
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 03:18:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:03:15 2025
Response via : Initial Calibration

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

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

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

Abundance

TIC: VN085776.D\data.ms

Time-->

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

1,1,2,2-Tetrachloroethane, T

Acetone, T

Methyl iodide, T

Carbon Disulfide, T

Methyl acetate, T

Methylene Chloride, T

Methyl alcohol, T

Acrylonitrile, T

1,1-Dichloroethane, T

Disopropyl ether, T

Ethyl acetate, T

2,2,4,4-Tetrachloropentane, T

Methylcyclohexane, T

Chloroform, C

1,2-Dichloroethane, T

1,2-Dichloropropane, T

1,2-Dichlorobenzene, T

1,3-Dichlorobenzene, T

1,4-Dichlorobenzene, T

Trichloroethene, TM

1,1,1-Trichloroethane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

2-Chloroethyl Vinyl ether, T

Methyl-2-Pentanone, T

Toluene, CM

Ethyl acetate, T

1,1,2,2-Tetrachloroethane, T

1,2-Dichloroethane, T

1,3-Dichlorobenzene, T

Dibromochloromethane, T

1,2-Dibromoethane, T

Chlorobenzene, T

Chlorobenzene-d5, I

m,p-Xylenes, I

Nitrobenzene, T

Bromobenzene, T

trans-1,4-Dichlorocyclohexene, T

1,2,4-Trichlorobenzene, T

1,2,4-Trichlorobenzene, T

2-Chlorobenzonitrile, T

tert-Butylbenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene, T

1,4-Dichlorobenzene-d4, I

n-Butylbenzene, T

Hexachloroethane, T

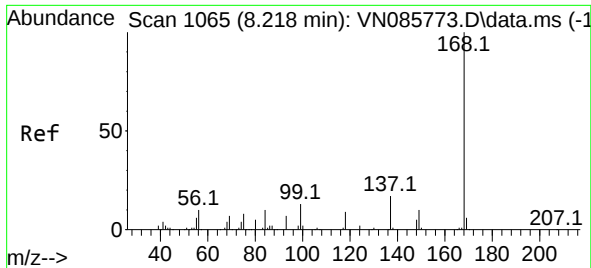
1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, T

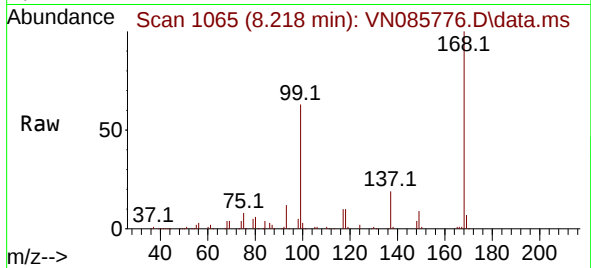
Naphtalene, T

1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

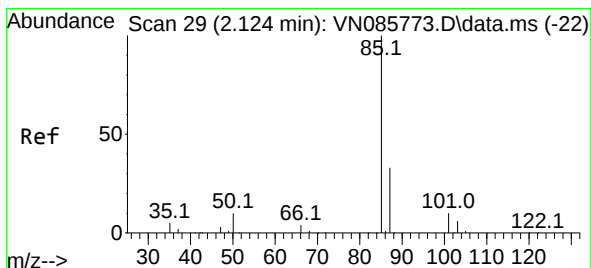
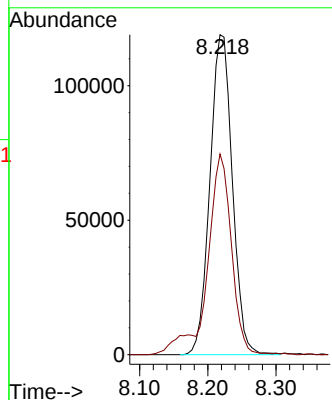
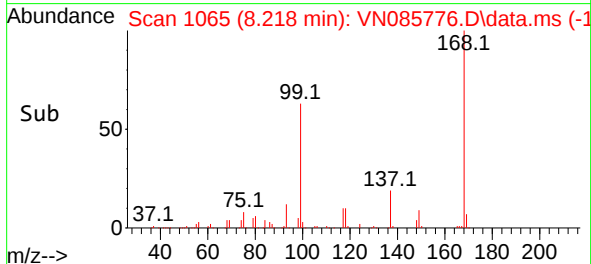
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



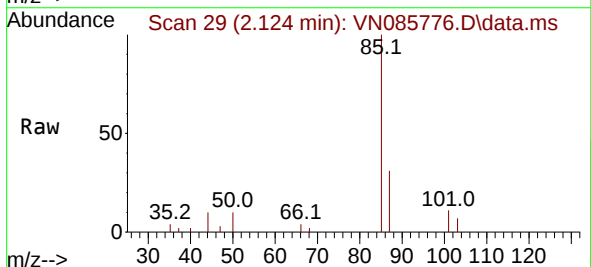
Tgt Ion:168 Resp: 27246
Ion Ratio Lower Upper
168 100
99 62.5 47.9 71.9

Manual Integrations
APPROVED

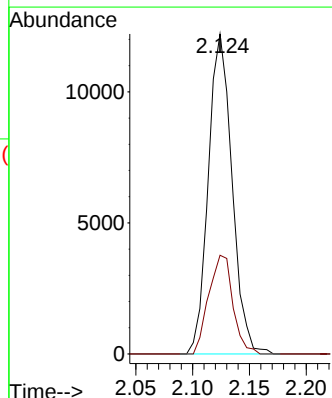
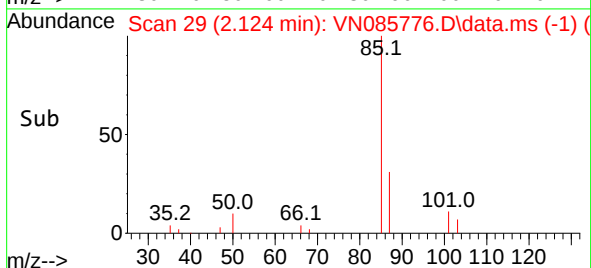
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#2
Dichlorodifluoromethane
Concen: 4.781 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



Tgt Ion: 85 Resp: 17717
Ion Ratio Lower Upper
85 100
87 30.9 16.4 49.2





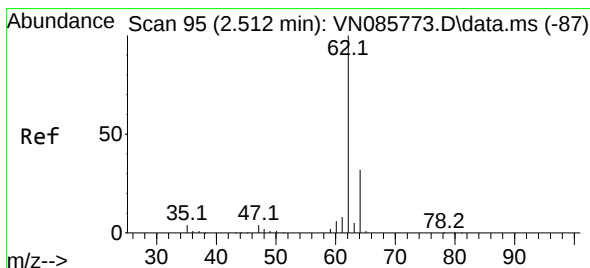
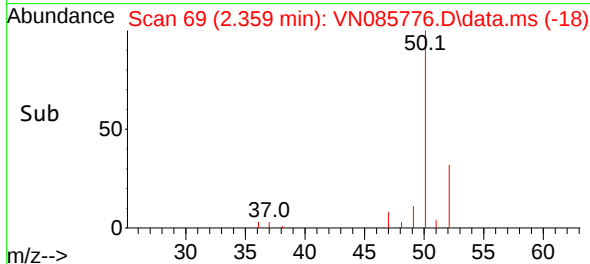
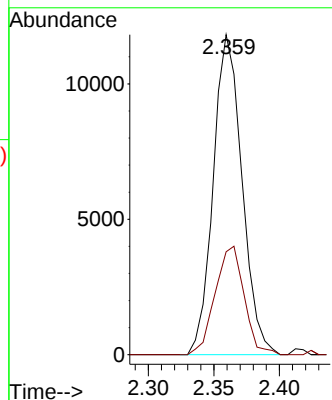
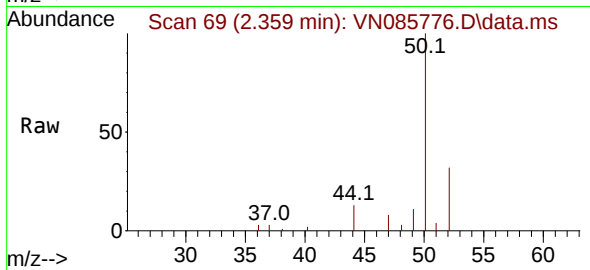
#3
Chloromethane
Concen: 4.850 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 18038
Ion Ratio Lower Upper
50 100
52 32.1 26.7 40.1

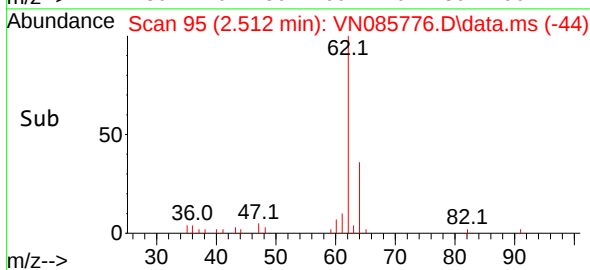
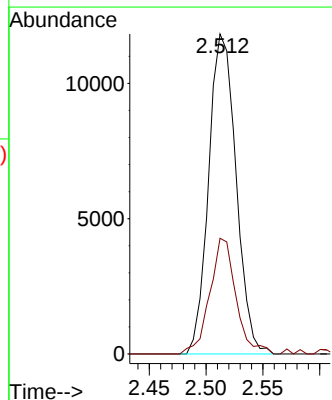
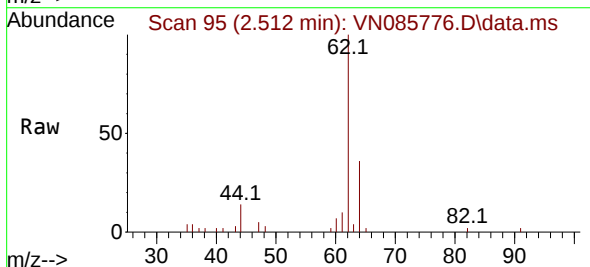
Manual Integrations
APPROVED

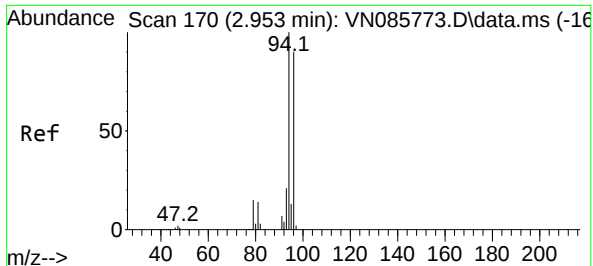
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#4
Vinyl Chloride
Concen: 5.041 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion: 62 Resp: 19849
Ion Ratio Lower Upper
62 100
64 36.2 25.9 38.9





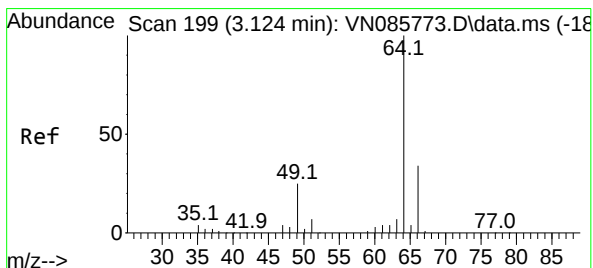
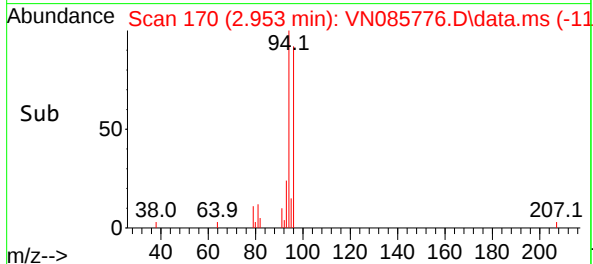
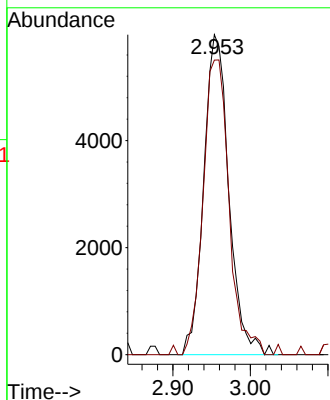
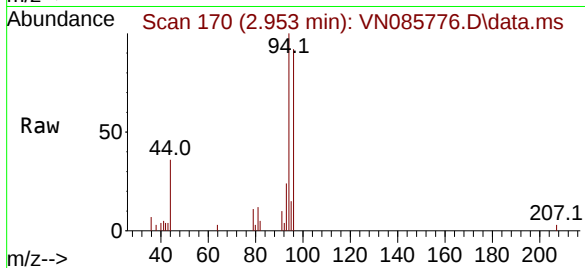
#5
Bromomethane
Concen: 5.371 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 1352
Ion Ratio Lower Upper
94 100
96 92.1 71.7 107.5

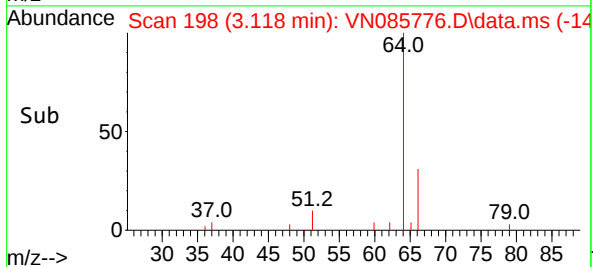
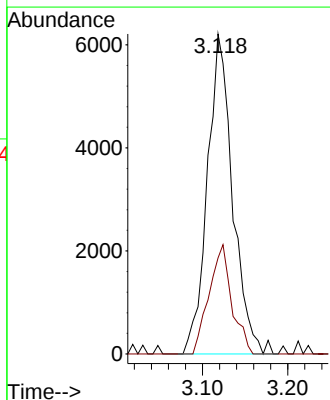
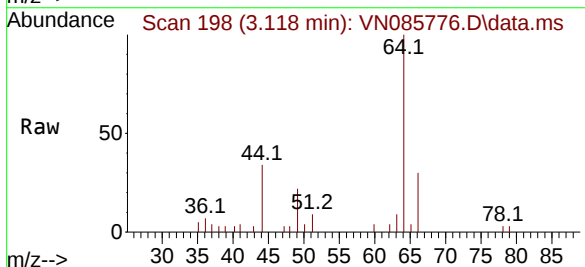
Manual Integrations
APPROVED

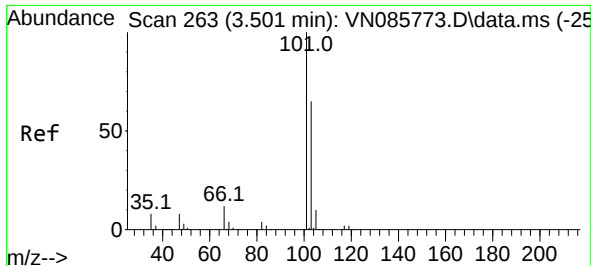
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#6
Chloroethane
Concen: 4.908 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion: 64 Resp: 12801
Ion Ratio Lower Upper
64 100
66 30.0 27.0 40.6





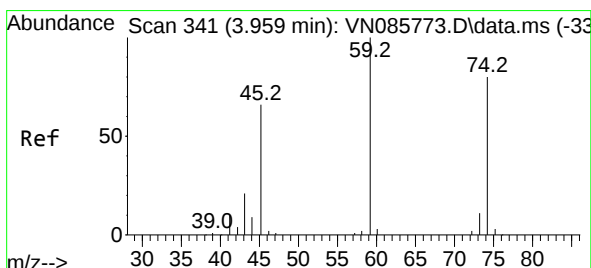
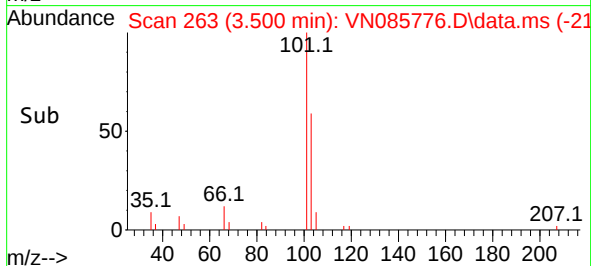
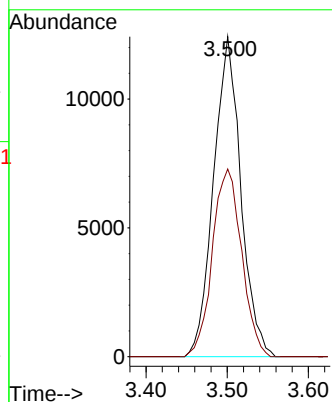
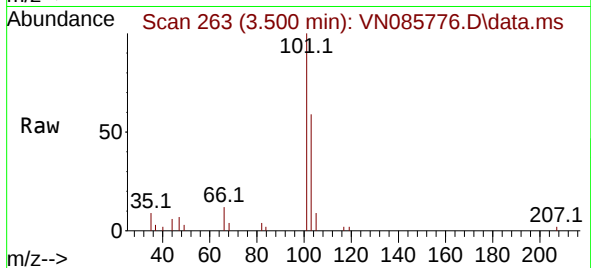
#7
Trichlorofluoromethane
Concen: 5.088 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2900
Ion Ratio Lower Upper
101 100
103 58.7 52.2 78.4

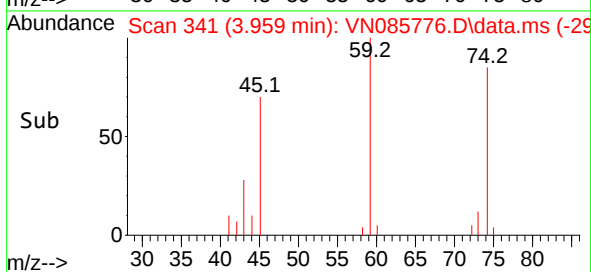
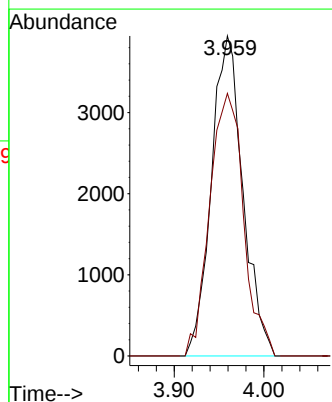
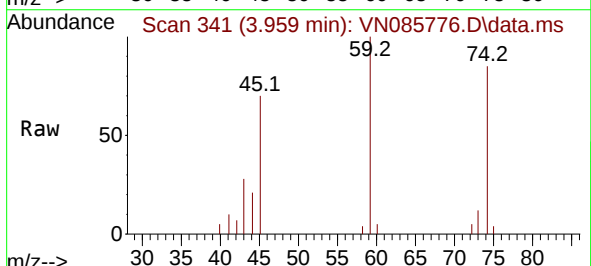
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#8
Diethyl Ether
Concen: 5.214 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

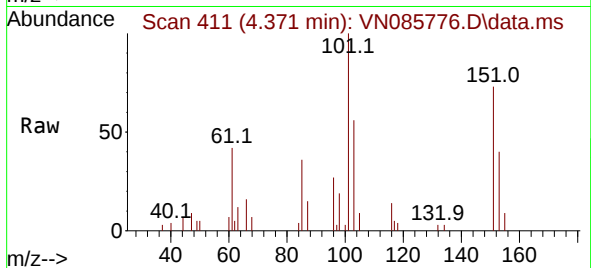
Tgt Ion: 74 Resp: 9618
Ion Ratio Lower Upper
74 100
45 88.3 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.250 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

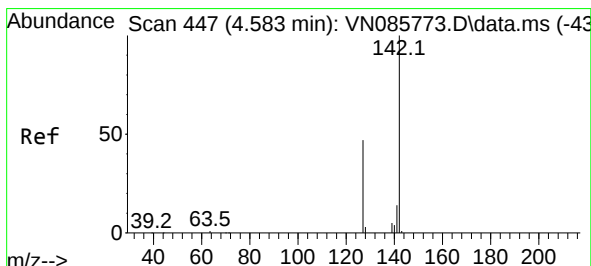
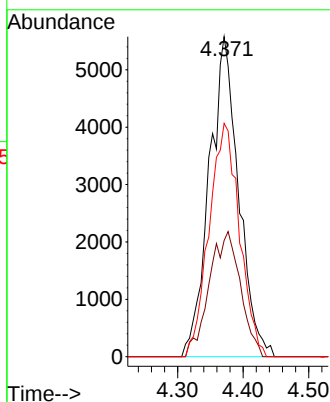
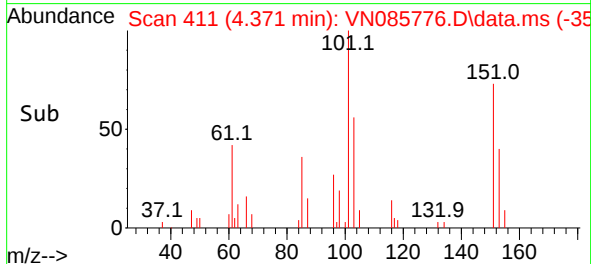
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



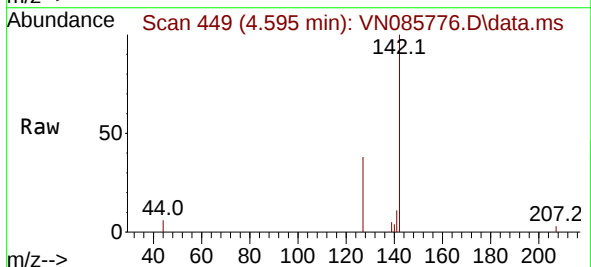
Tgt Ion:101 Resp: 17298
Ion Ratio Lower Upper
101 100
85 41.7 35.7 53.5
151 75.6 61.4 92.2

Manual Integrations
APPROVED

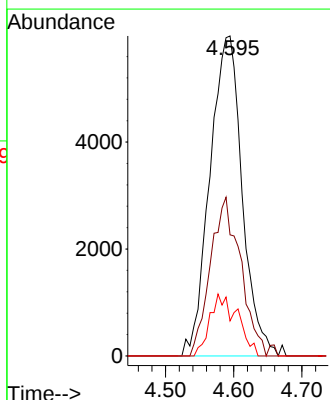
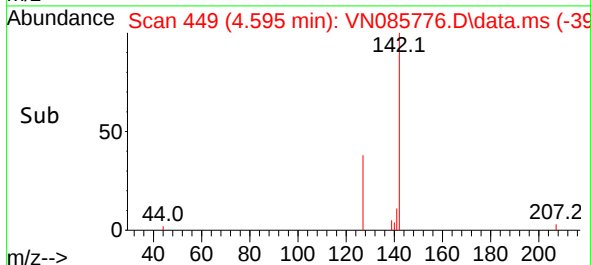
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 4.855 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



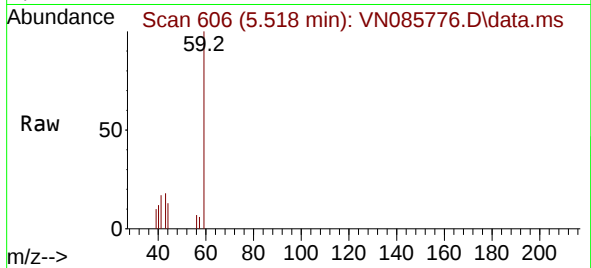
Tgt Ion:142 Resp: 19721
Ion Ratio Lower Upper
142 100
127 37.8 37.6 56.4
141 10.9 11.4 17.2#





#11
Tert butyl alcohol
Concen: 25.945 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

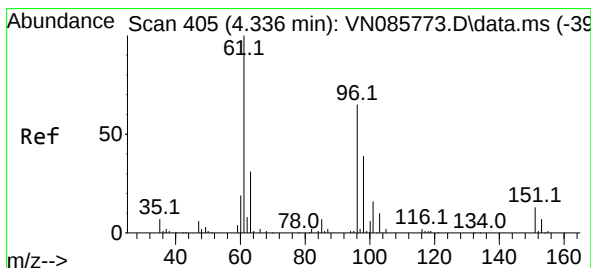
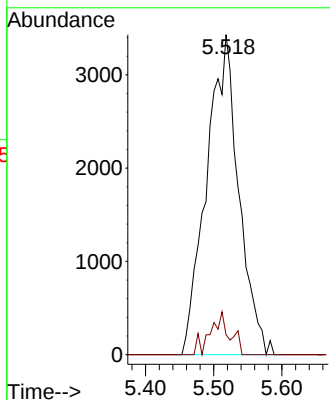
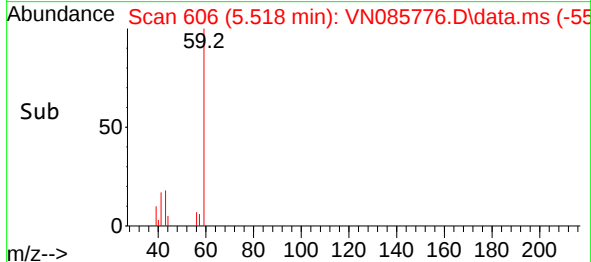
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



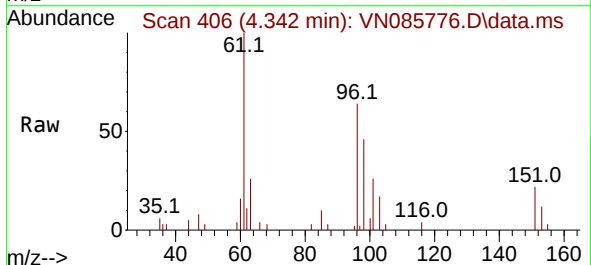
Tgt Ion: 59 Resp: 11272
Ion Ratio Lower Upper
59 100
57 8.0 8.3 12.5

Manual Integrations
APPROVED

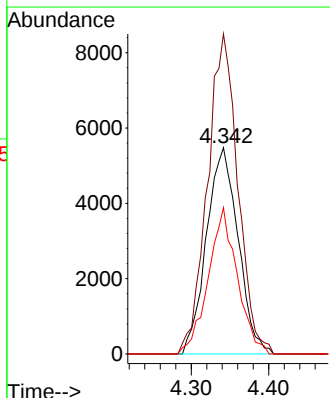
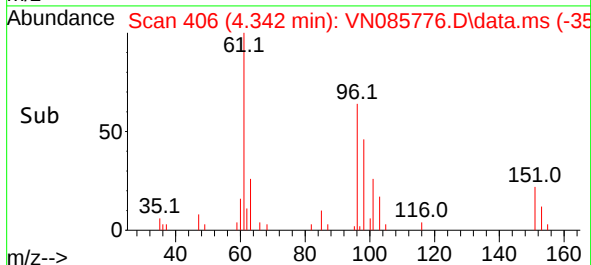
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

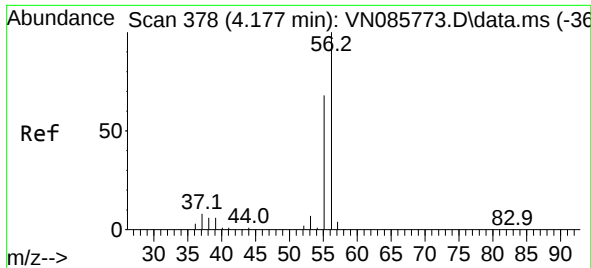


#12
1,1-Dichloroethene
Concen: 5.209 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



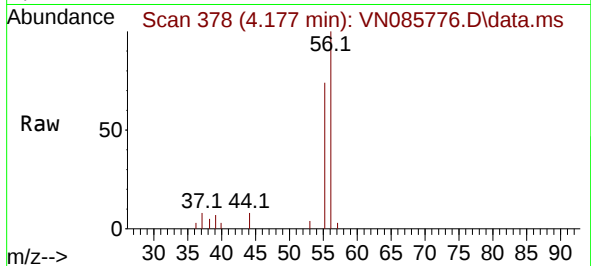
Tgt Ion: 96 Resp: 15564
Ion Ratio Lower Upper
96 100
61 155.1 123.3 184.9
98 70.9 48.6 72.8





#13
Acrolein
Concen: 26.652 ug/l
RT: 4.177 min Scan# 317
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

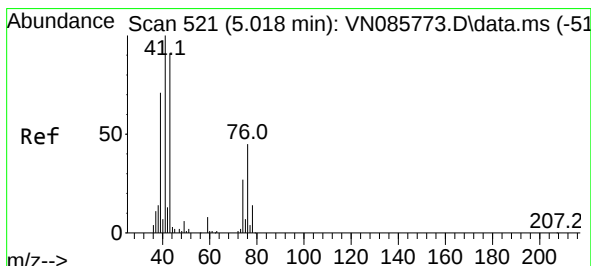
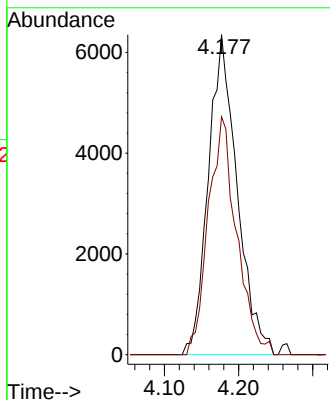
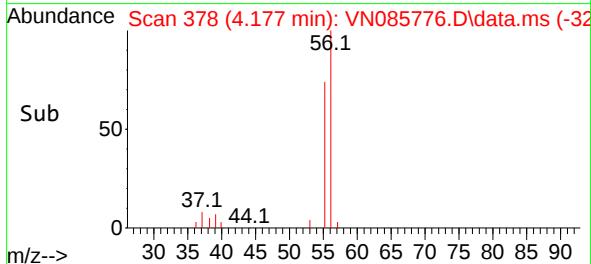
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



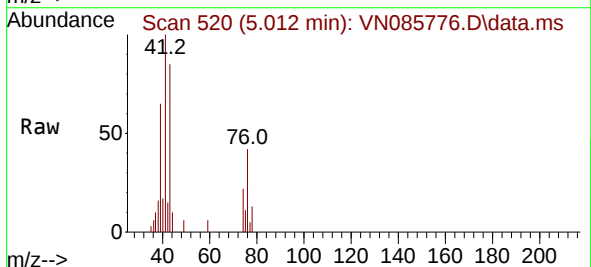
Tgt Ion: 56 Resp: 1717
Ion Ratio Lower Upper
56 100
55 73.1 55.3 82.9

Manual Integrations
APPROVED

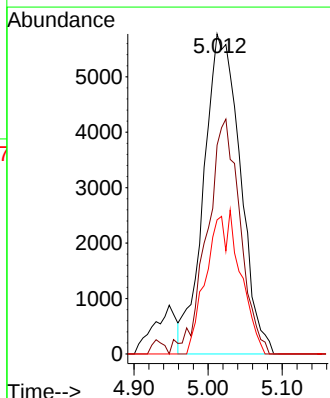
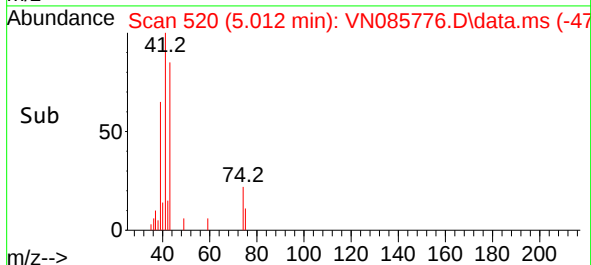
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 5.027 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



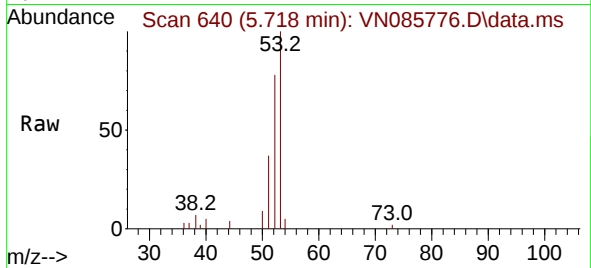
Tgt Ion: 41 Resp: 19720
Ion Ratio Lower Upper
41 100
39 66.6 57.4 86.2
76 41.3 36.2 54.2





#15
Acrylonitrile
Concen: 25.067 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

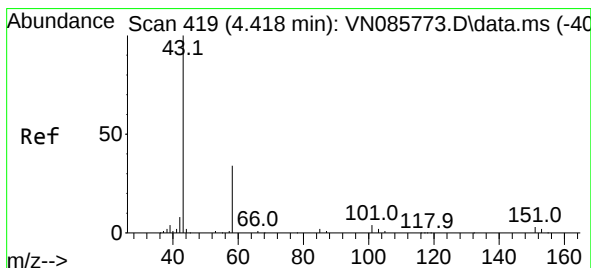
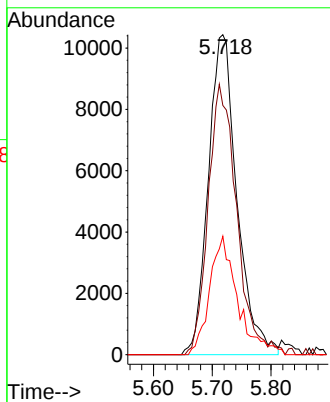
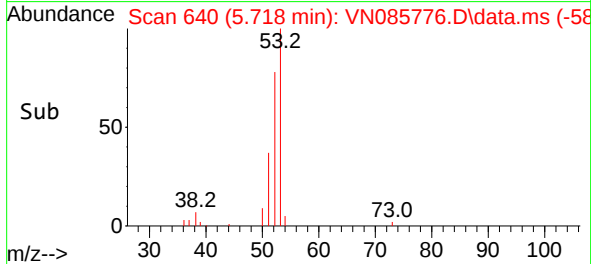
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



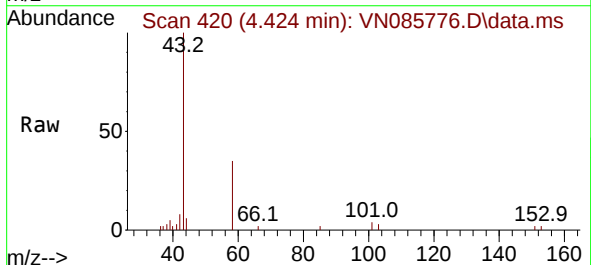
Tgt Ion: 53 Resp: 35404
Ion Ratio Lower Upper
53 100
52 83.9 65.8 98.6
51 36.2 28.6 42.8

Manual Integrations
APPROVED

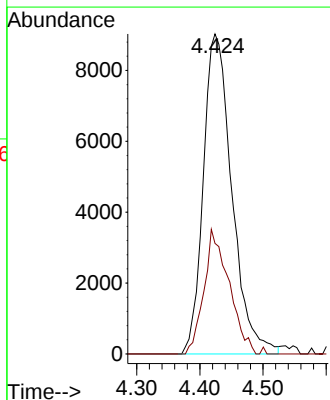
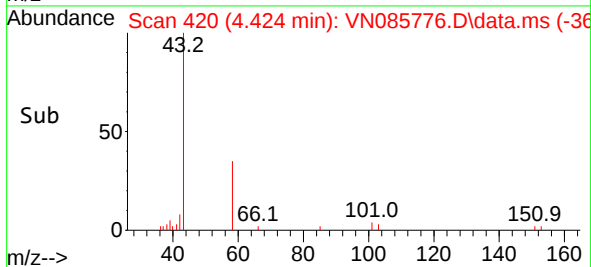
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

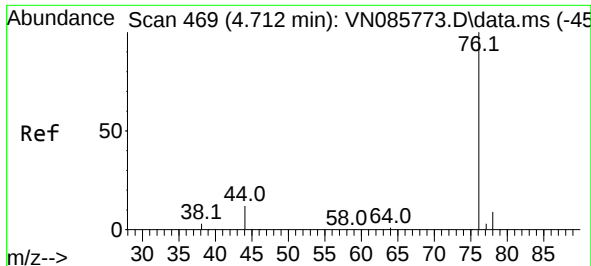


#16
Acetone
Concen: 25.411 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



Tgt Ion: 43 Resp: 28402
Ion Ratio Lower Upper
43 100
58 34.5 27.5 41.3





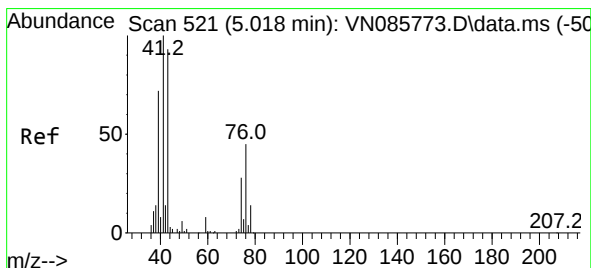
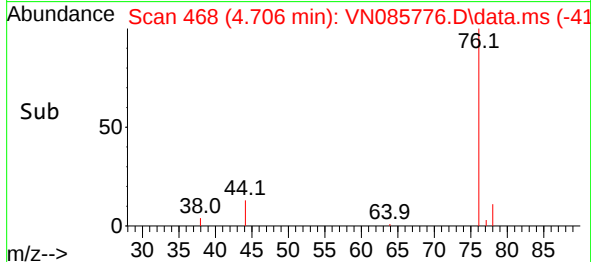
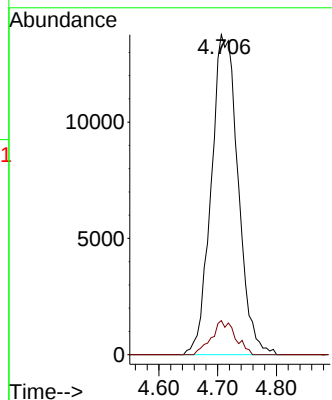
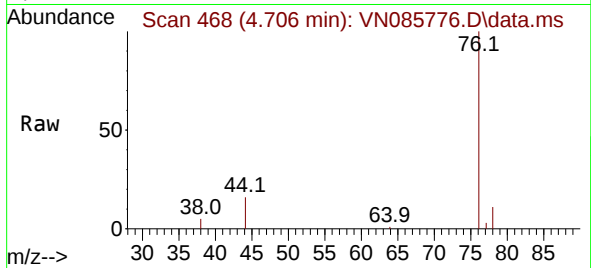
#17
Carbon Disulfide
Concen: 4.936 ug/l
RT: 4.706 min Scan# 407
Delta R.T. -0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 4371
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0

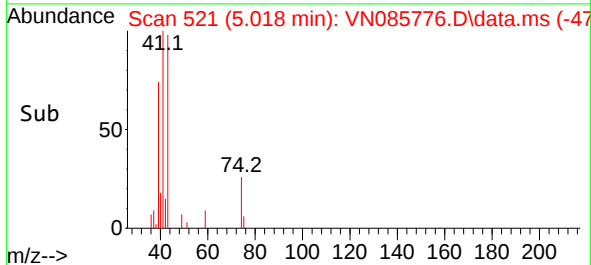
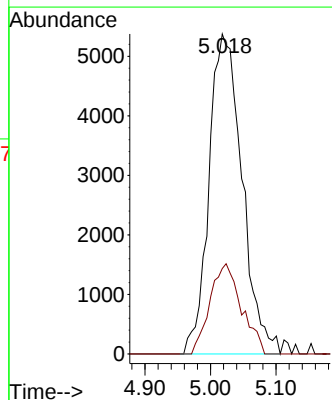
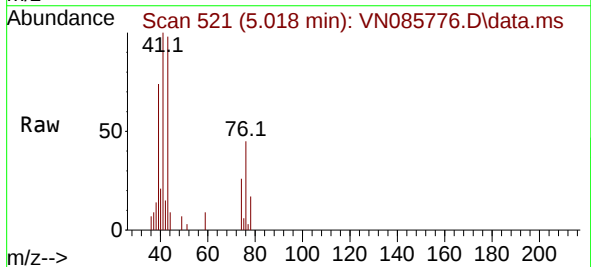
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#18
Methyl Acetate
Concen: 4.888 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion: 43 Resp: 18793
Ion Ratio Lower Upper
43 100
74 26.9 22.2 33.4





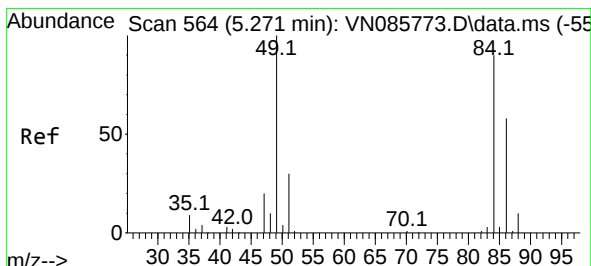
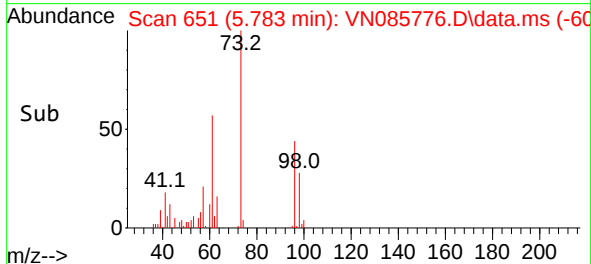
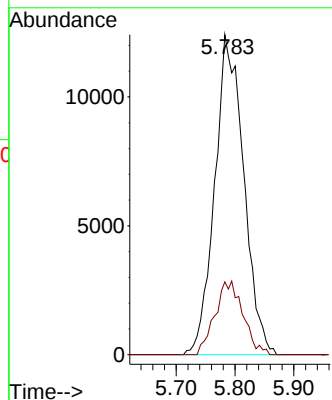
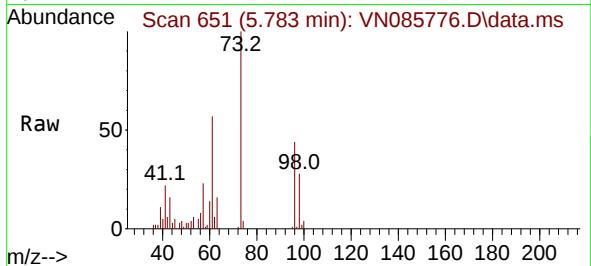
#19
Methyl tert-butyl Ether
Concen: 4.786 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 4249
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

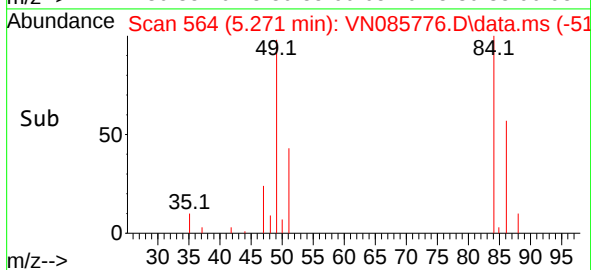
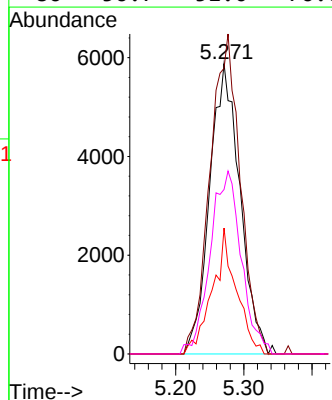
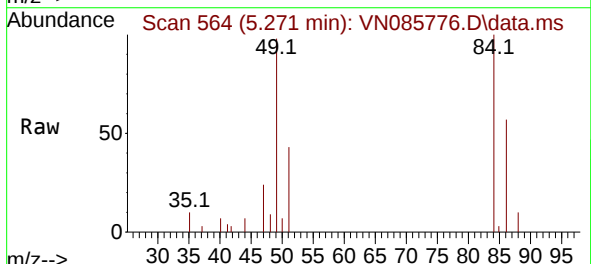
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 5.046 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

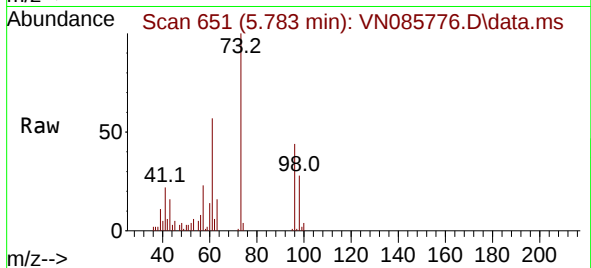
Tgt Ion: 84 Resp: 18139
Ion Ratio Lower Upper
84 100
49 98.4 88.4 132.6
51 43.4 26.6 40.0#
86 56.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 5.076 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

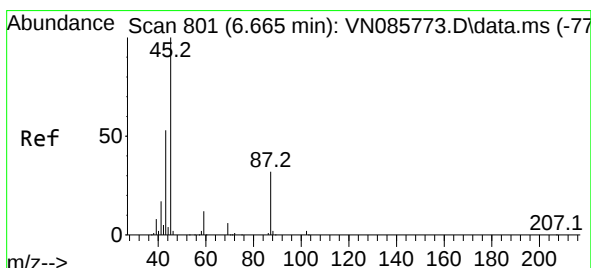
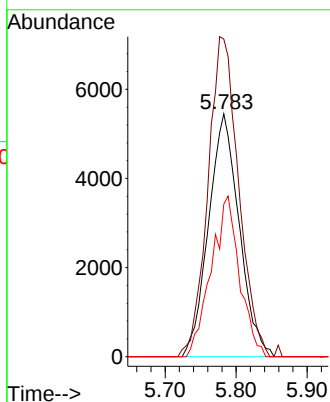
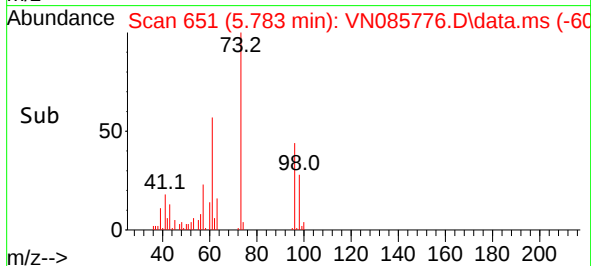
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



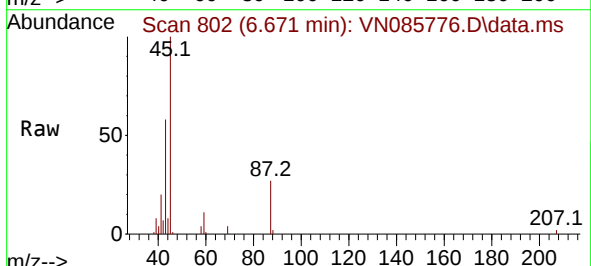
Tgt Ion: 96 Resp: 16330
Ion Ratio Lower Upper
96 100
61 130.8 112.6 168.8
98 62.8 53.3 79.9

Manual Integrations
APPROVED

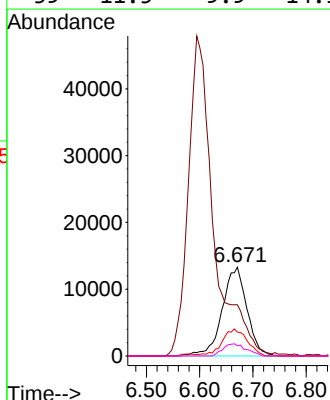
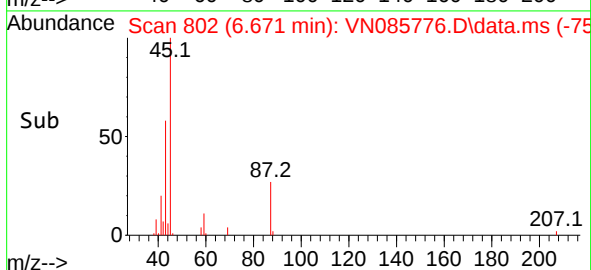
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 4.817 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



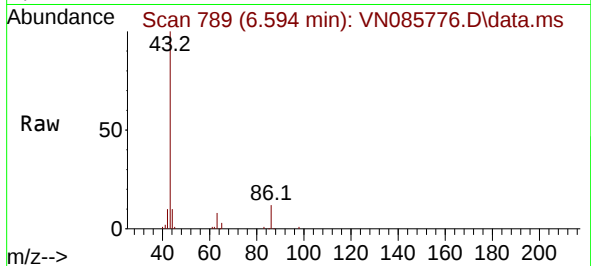
Tgt Ion: 45 Resp: 42703
Ion Ratio Lower Upper
45 100
43 55.5 42.6 64.0
87 26.8 25.8 38.8
59 11.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 23.273 ug/l m
 RT: 6.594 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN085776.D
 Acq: 18 Feb 2025 12:43

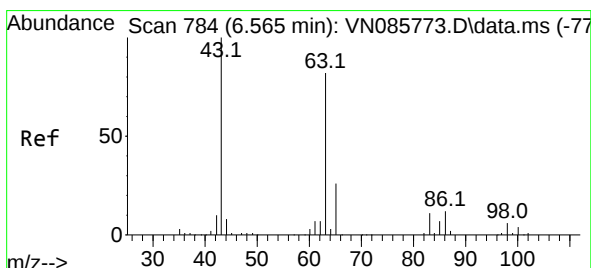
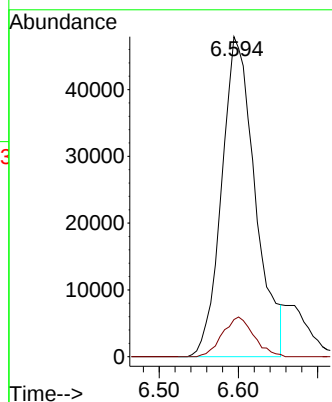
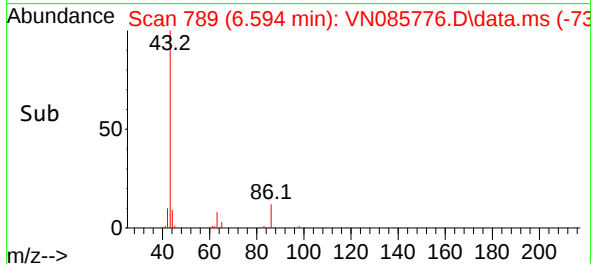
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 14082
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.8 14.8

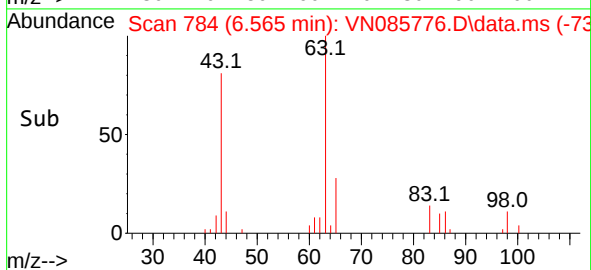
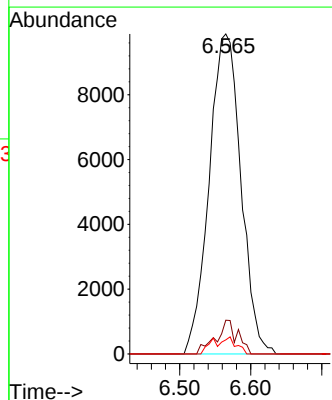
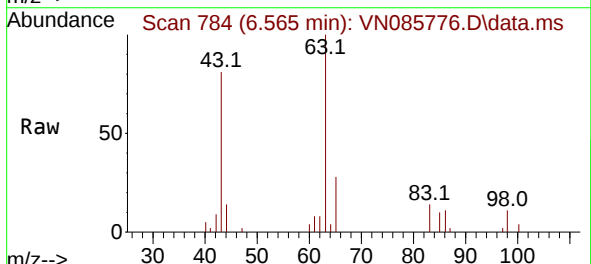
Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 5.088 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085776.D
 Acq: 18 Feb 2025 12:43

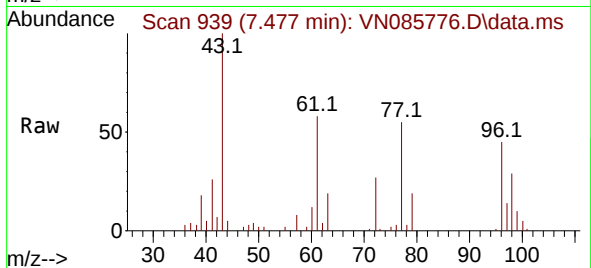
Tgt Ion: 63 Resp: 30658
 Ion Ratio Lower Upper
 63 100
 98 10.6 3.5 10.4#
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 24.809 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

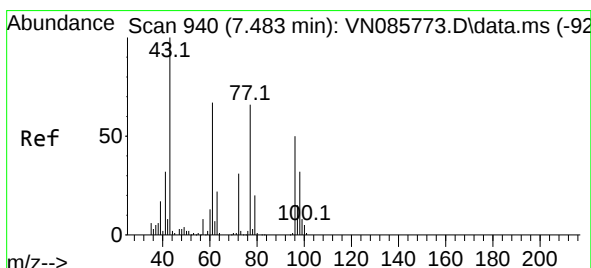
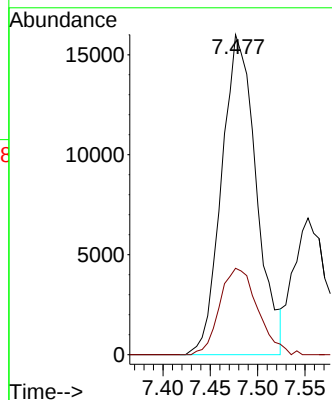
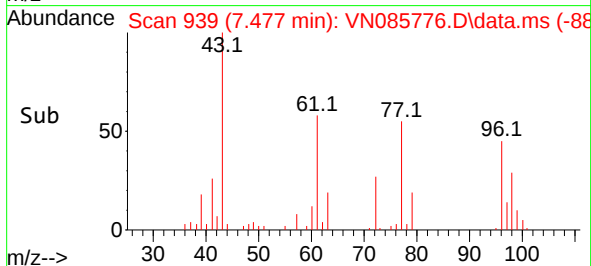
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



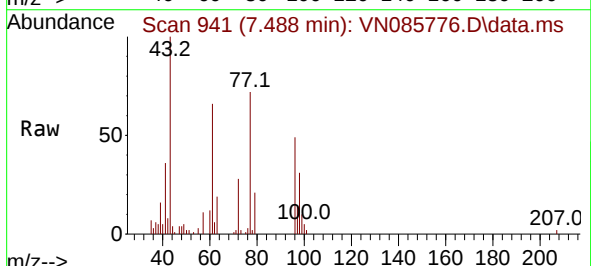
Tgt Ion: 43 Resp: 4079
Ion Ratio Lower Upper
43 100
72 27.0 23.6 35.4

Manual Integrations
APPROVED

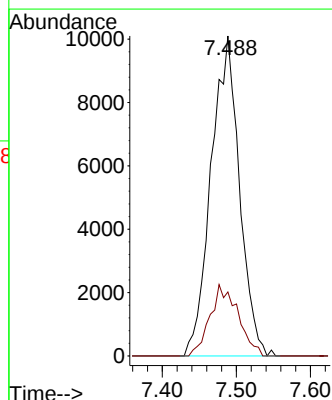
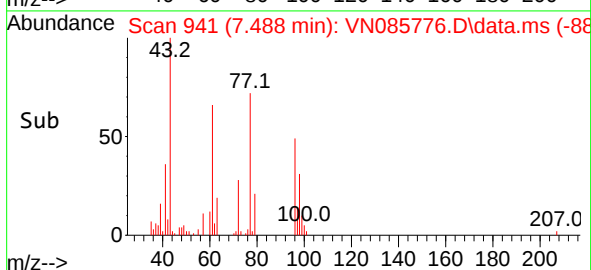
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 5.018 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



Tgt Ion: 77 Resp: 26889
Ion Ratio Lower Upper
77 100
97 22.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 5.006 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085776.D

Acq: 18 Feb 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

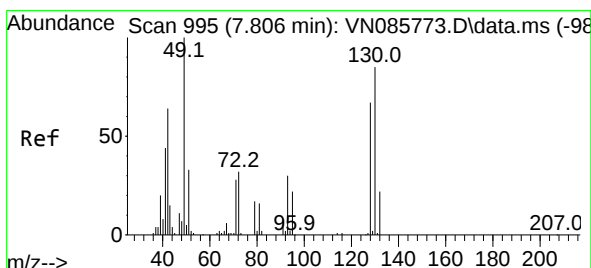
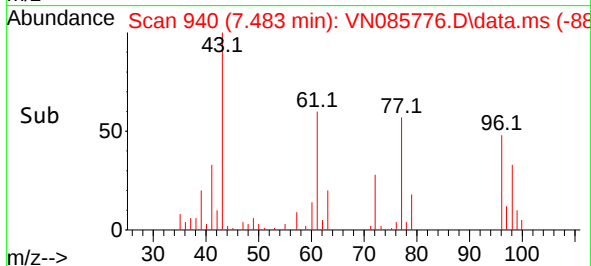
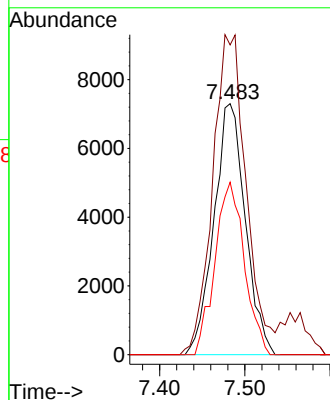
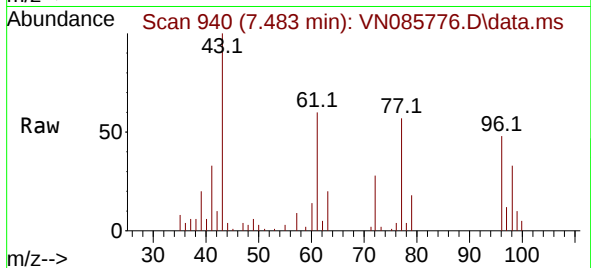
Tgt Ion: 96	Resp: 1867
Ion Ratio	Lower Upper
96 100	
61 136.1	0.0 280.6
98 64.4	0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#28

Bromochloromethane

Concen: 6.276 ug/l

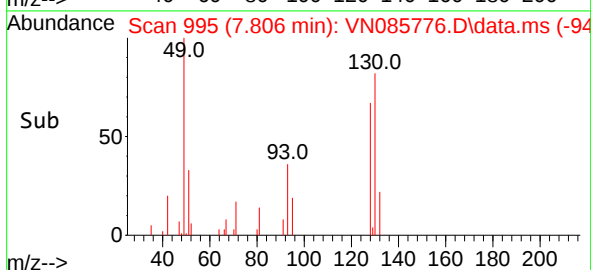
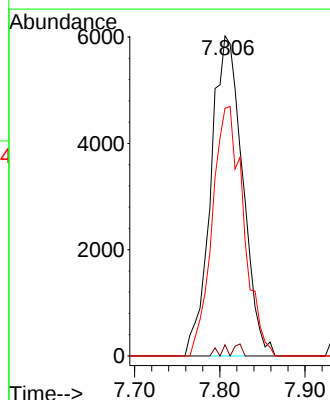
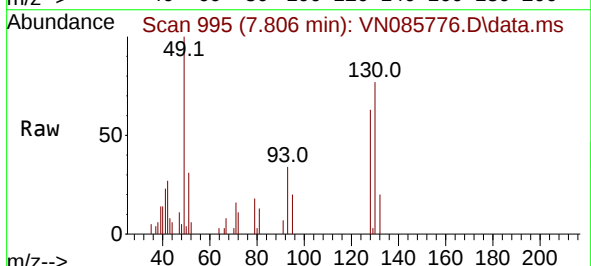
RT: 7.806 min Scan# 995

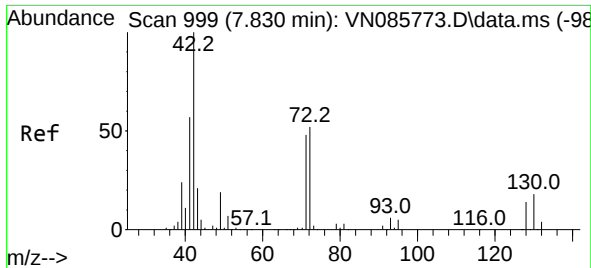
Delta R.T. -0.000 min

Lab File: VN085776.D

Acq: 18 Feb 2025 12:43

Tgt Ion: 49	Resp: 15543
Ion Ratio	Lower Upper
49 100	
129 1.4	0.0 3.8
130 76.8	68.0 102.0





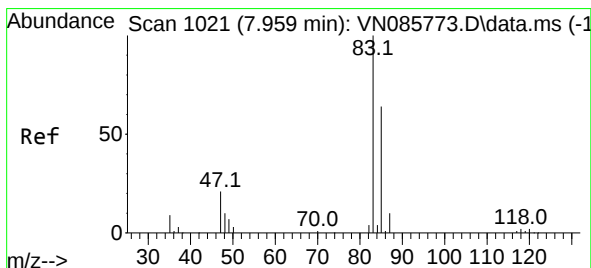
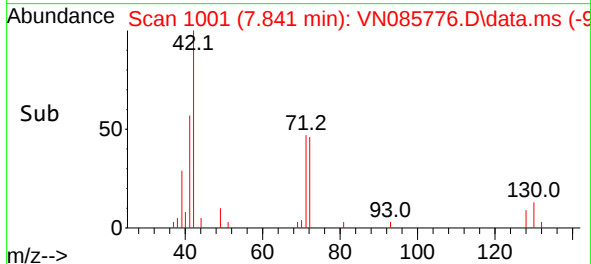
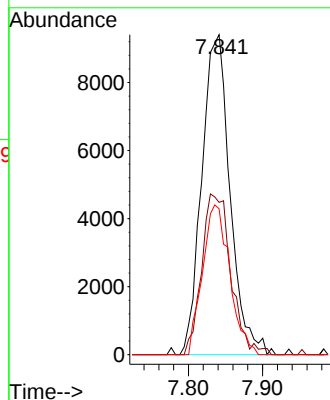
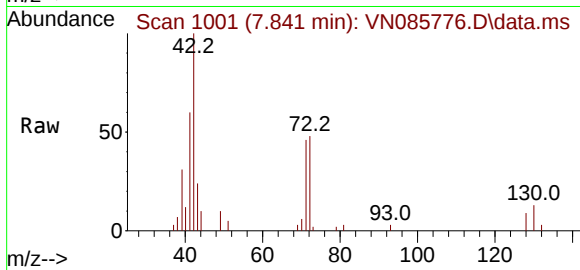
#29
Tetrahydrofuran
Concen: 23.457 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 2490
Ion Ratio Lower Upper
42 100
72 51.7 40.0 60.0
71 45.2 37.0 55.4

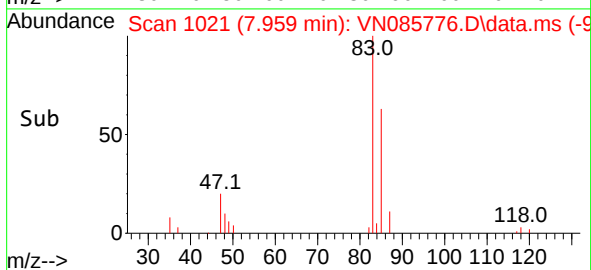
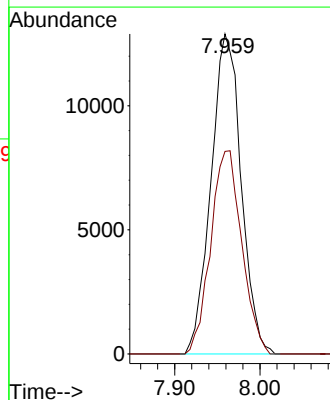
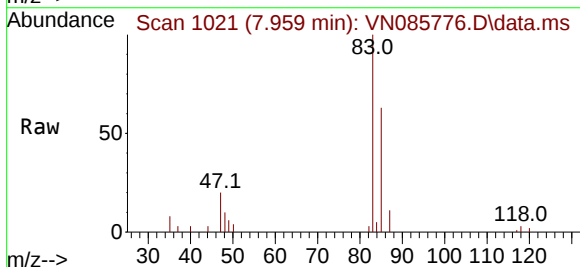
Manual Integrations
APPROVED

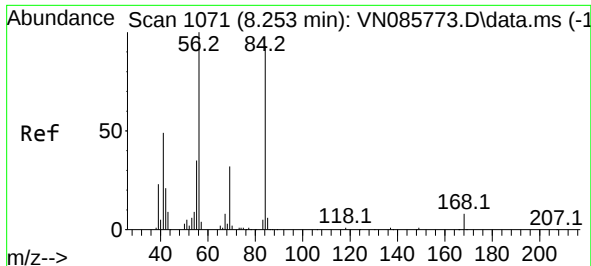
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#30
Chloroform
Concen: 5.034 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

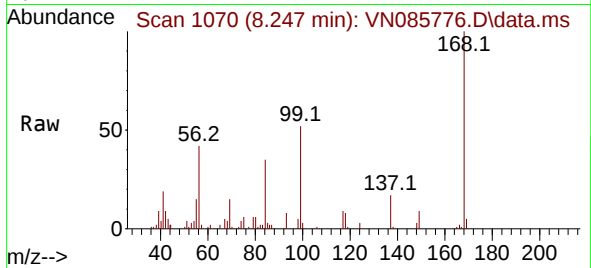
Tgt Ion: 83 Resp: 31702
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3





#31
Cyclohexane
Concen: 5.705 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

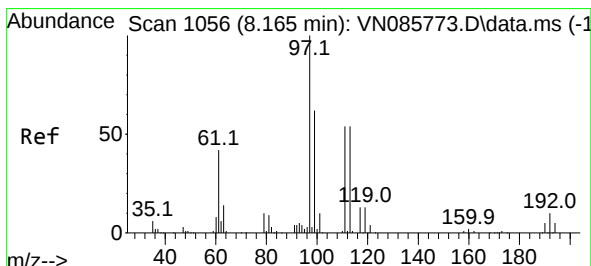
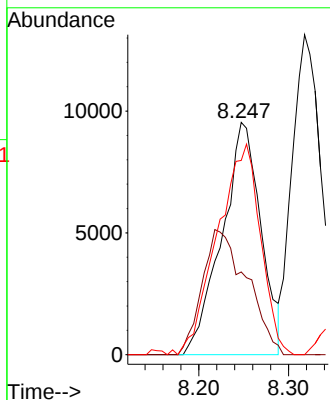
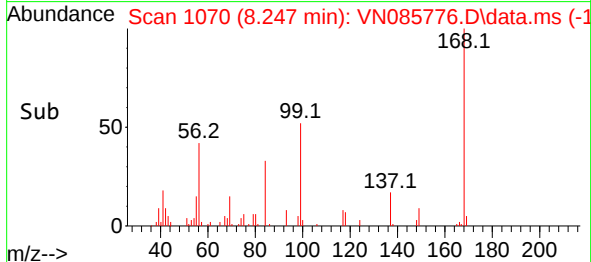
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



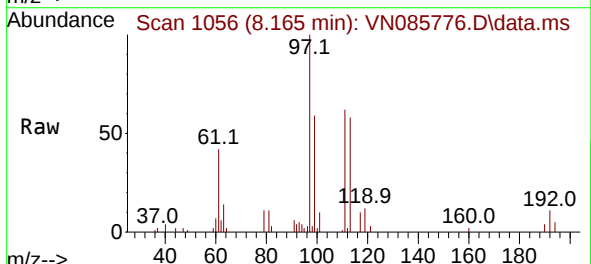
Tgt Ion: 56 Resp: 28784
Ion Ratio Lower Upper
56 100
69 35.6 25.8 38.6
84 83.6 74.5 111.7

Manual Integrations
APPROVED

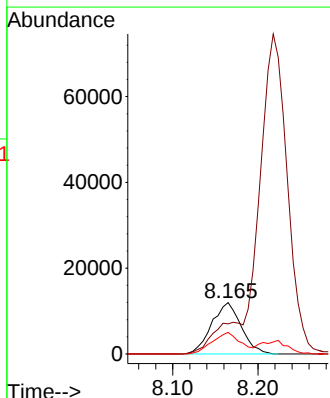
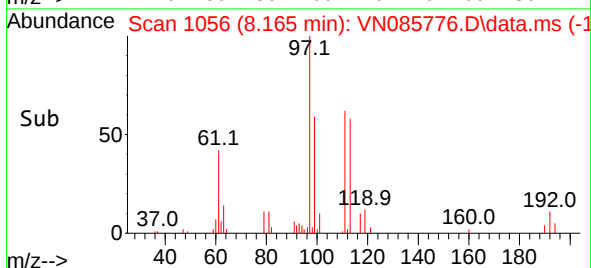
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 5.145 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



Tgt Ion: 97 Resp: 28815
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 40.7 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 5.918 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085776.D

Acq: 18 Feb 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 20900

Ion Ratio Lower Upper

65 100

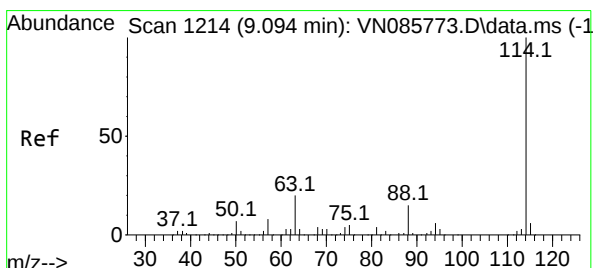
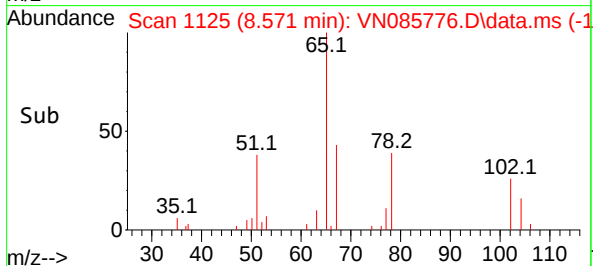
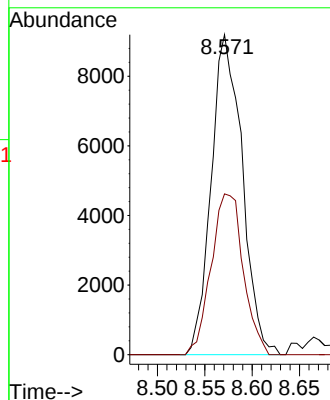
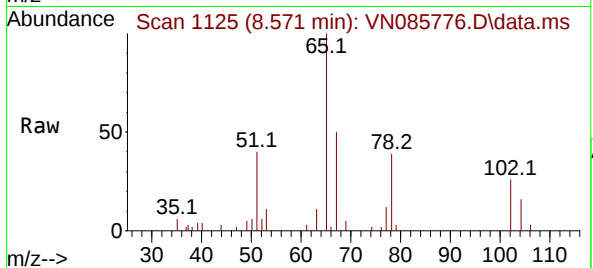
67 52.2 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085776.D

Acq: 18 Feb 2025 12:43

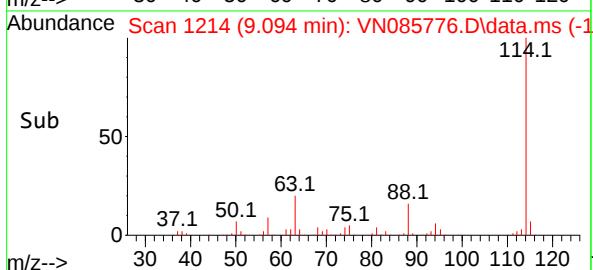
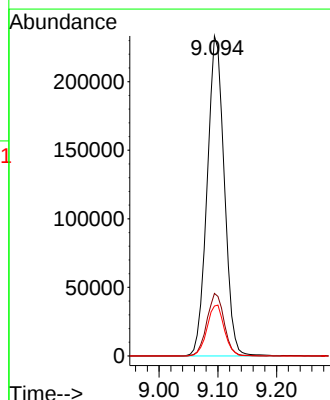
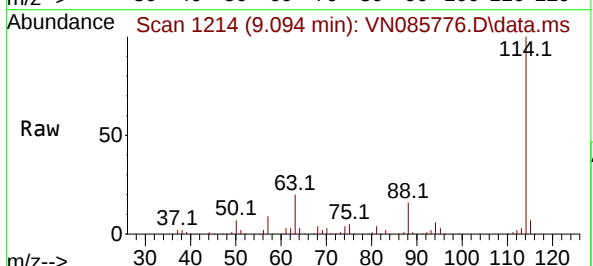
Tgt Ion:114 Resp: 471970

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

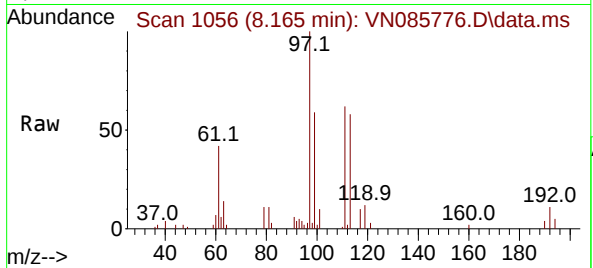
88 15.6 0.0 30.0





#35
Dibromofluoromethane
Concen: 5.461 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

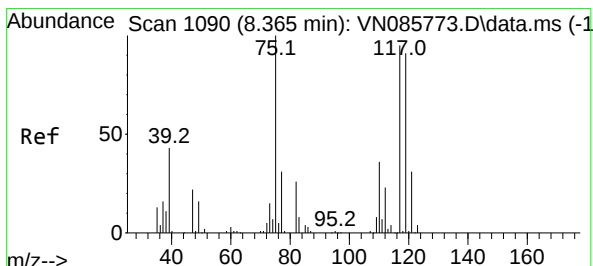
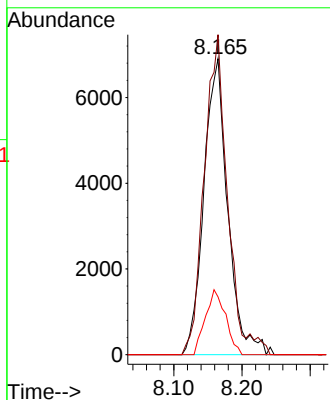
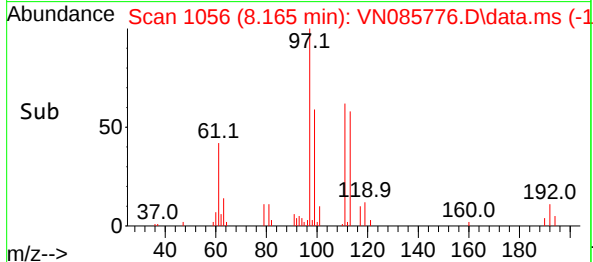
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 1686
Ion Ratio Lower Upper
113 100
111 105.6 82.2 123.4
192 18.5 14.7 22.1

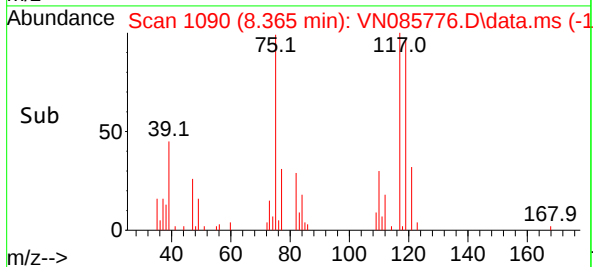
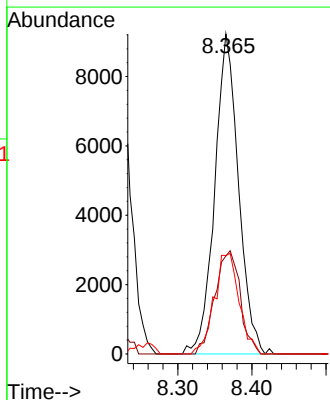
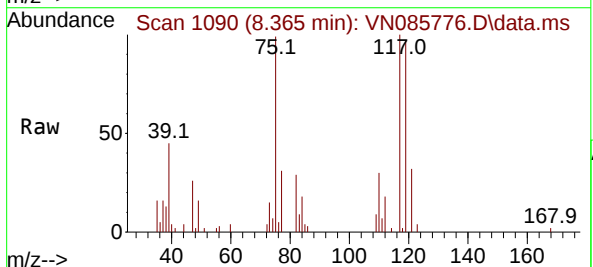
Manual Integrations
APPROVED

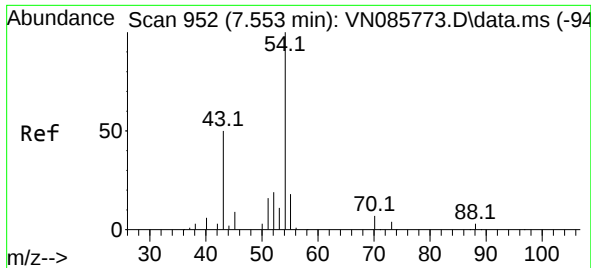
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion: 75 Resp: 20593
Ion Ratio Lower Upper
75 100
110 34.2 17.3 52.0
77 33.0 24.6 37.0





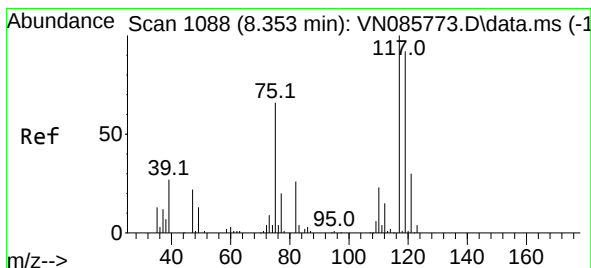
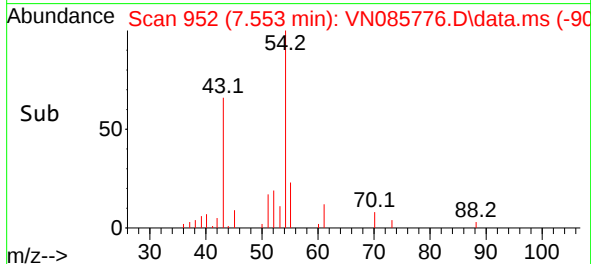
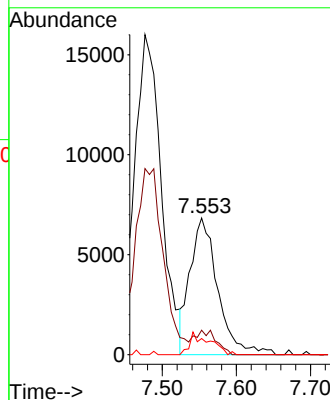
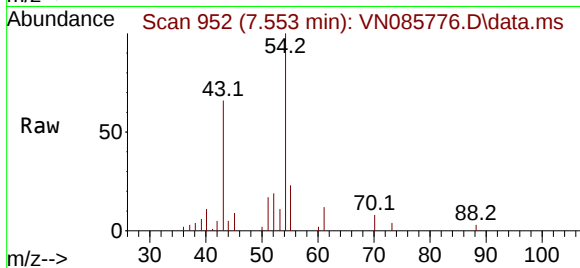
#37
Ethyl Acetate
Concen: 4.940 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1776
Ion Ratio Lower Upper
43 100
61 14.0 12.2 18.2
70 0.0 9.5 14.3

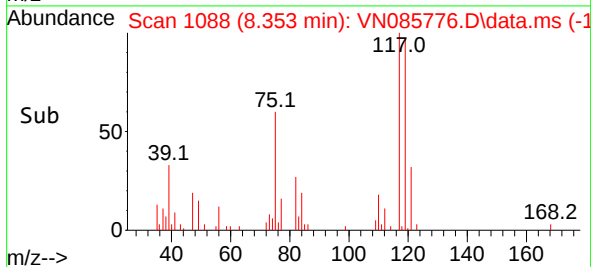
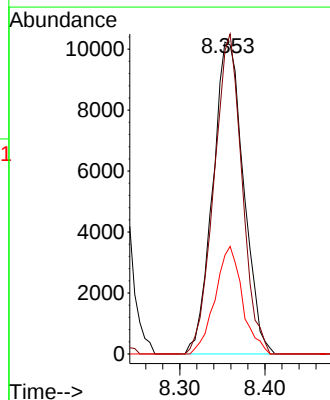
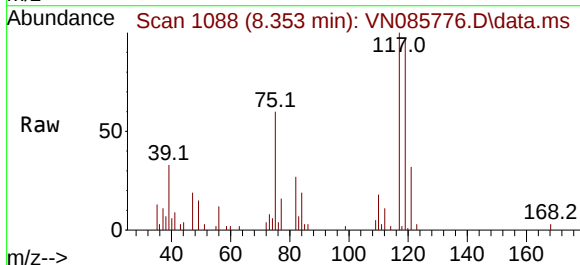
Manual Integrations
APPROVED

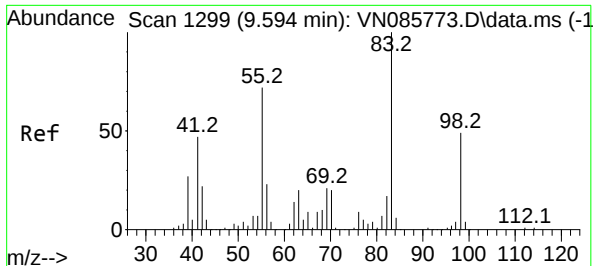
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#38
Carbon Tetrachloride
Concen: 4.955 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion:117 Resp: 25734
Ion Ratio Lower Upper
117 100
119 97.3 73.8 110.6
121 31.7 24.3 36.5





#39

Methylcyclohexane

Concen: 4.451 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085776.D

Acq: 18 Feb 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 1911

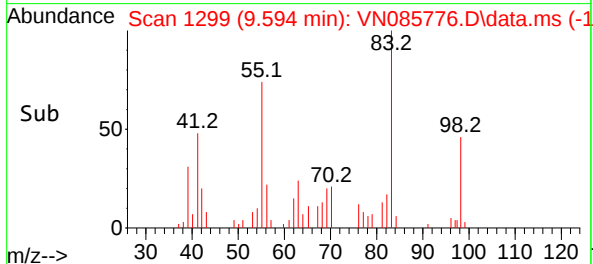
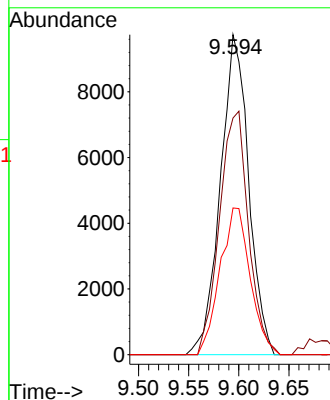
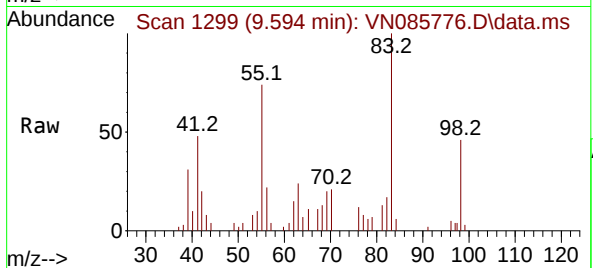
Ion	Ratio	Lower	Upper
83	100		
55	73.9	57.5	86.3
98	45.8	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 4.786 ug/l

RT: 8.600 min Scan# 1130

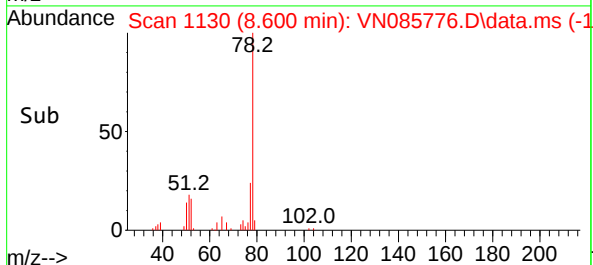
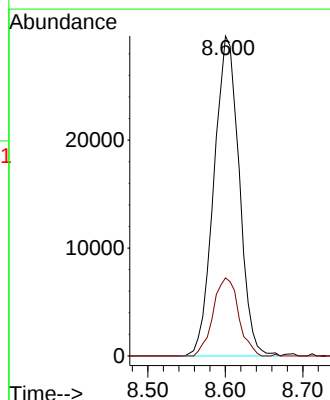
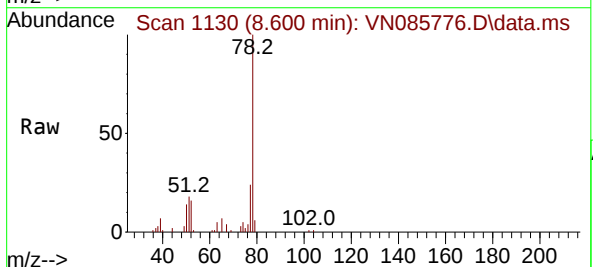
Delta R.T. -0.000 min

Lab File: VN085776.D

Acq: 18 Feb 2025 12:43

Tgt Ion: 78 Resp: 67051

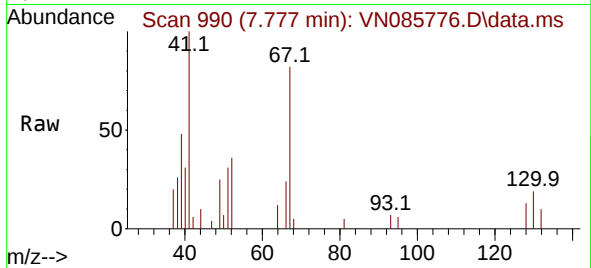
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.3	27.5





#41
Methacrylonitrile
Concen: 4.835 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

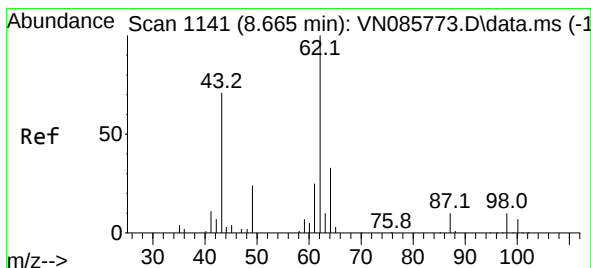
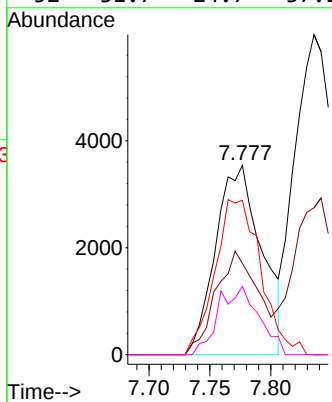
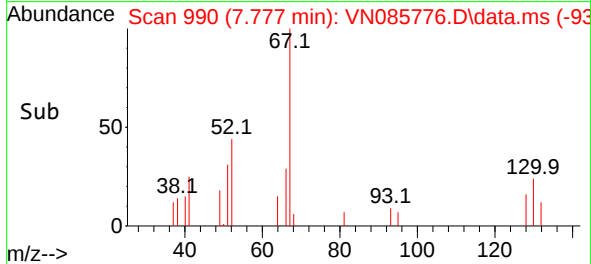
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 9290
Ion Ratio Lower Upper
41 100
39 49.9 42.0 63.0
67 81.8 64.2 96.4
52 31.7 24.7 37.1

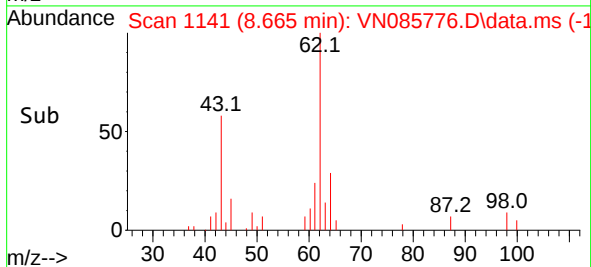
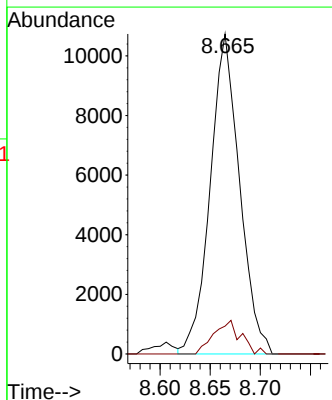
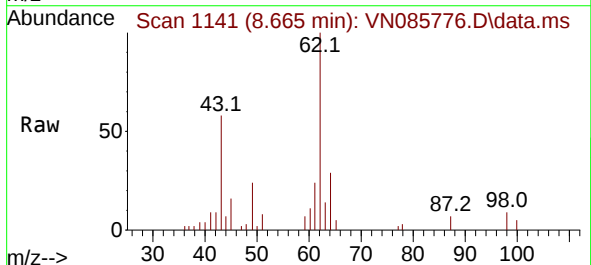
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 4.796 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

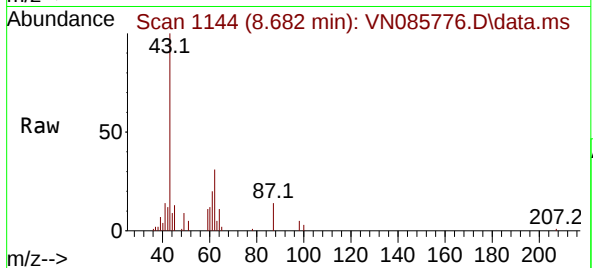
Tgt Ion: 62 Resp: 21886
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 5.059 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

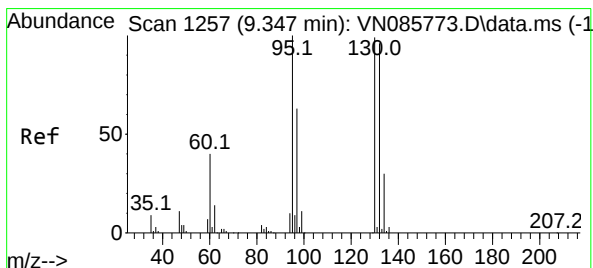
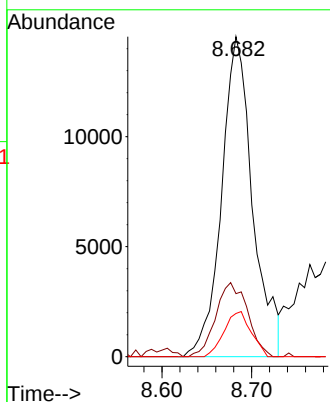
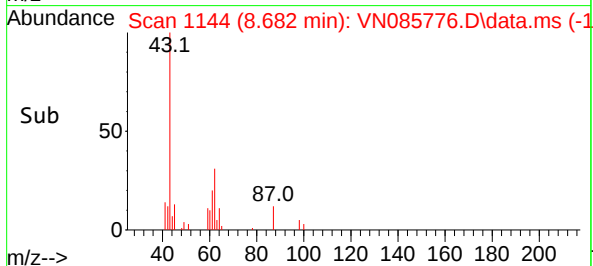
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 3503
Ion Ratio Lower Upper
43 100
61 23.7 22.6 34.0
87 12.2 11.8 17.8

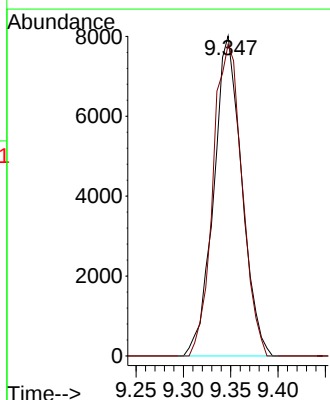
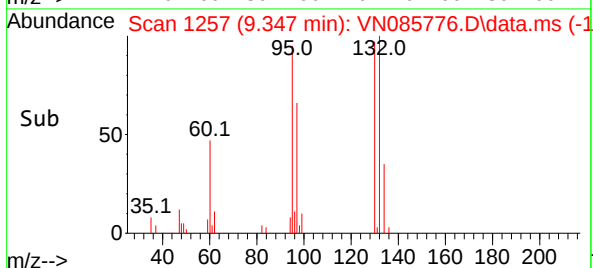
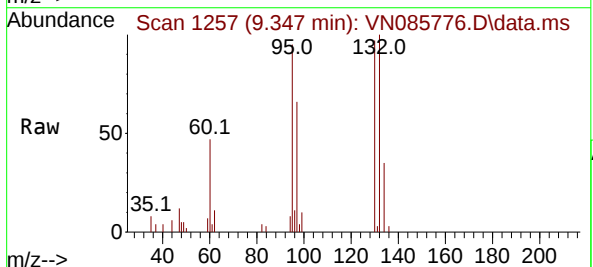
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 4.801 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion:130 Resp: 16513
Ion Ratio Lower Upper
130 100
95 97.3 0.0 202.6





#45

1,2-Dichloropropane

Concen: 4.799 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085776.D

Acq: 18 Feb 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 16228

Ion Ratio Lower Upper

63 100

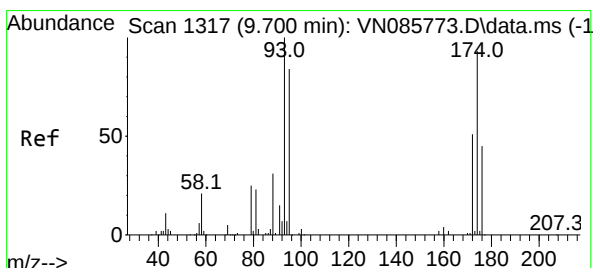
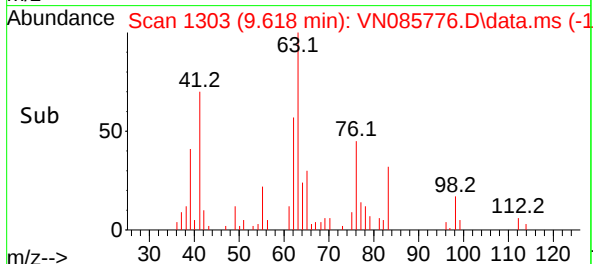
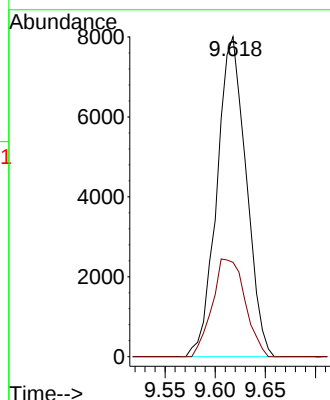
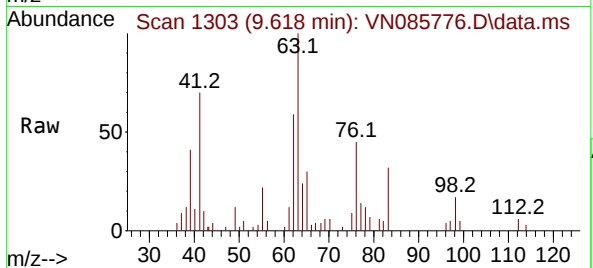
65 29.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 4.840 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085776.D

Acq: 18 Feb 2025 12:43

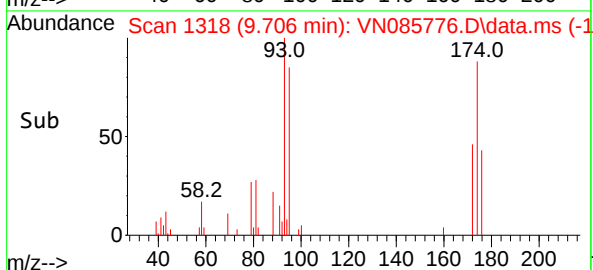
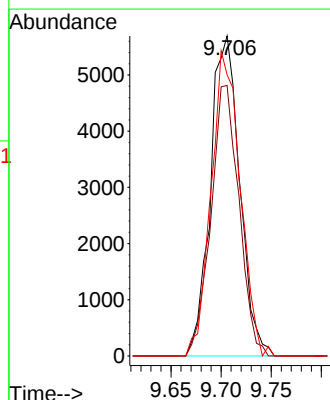
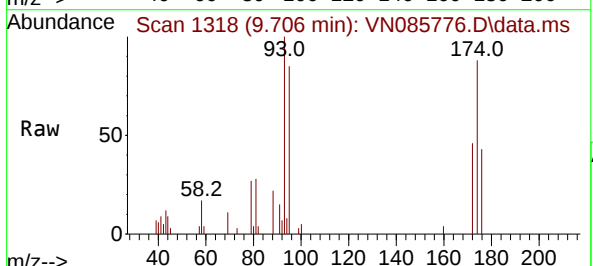
Tgt Ion: 93 Resp: 11544

Ion Ratio Lower Upper

93 100

95 81.1 66.7 100.1

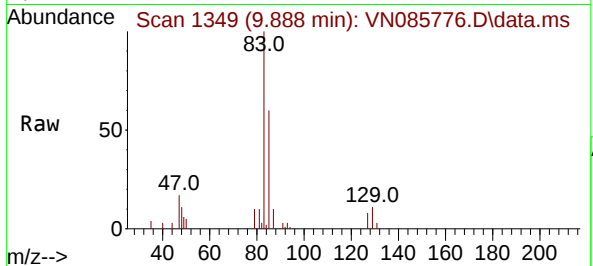
174 94.4 77.2 115.8





#47
Bromodichloromethane
Concen: 4.929 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

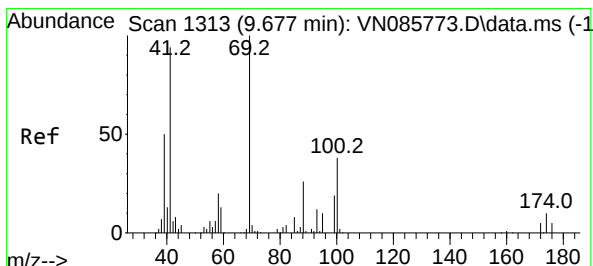
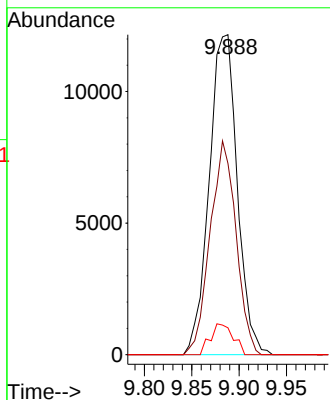
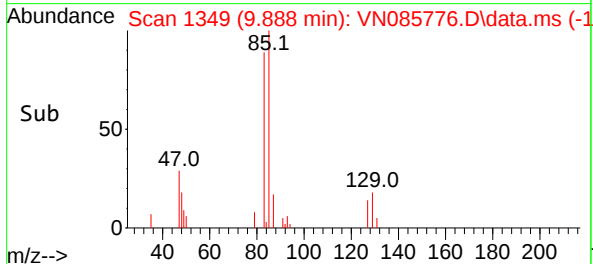
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



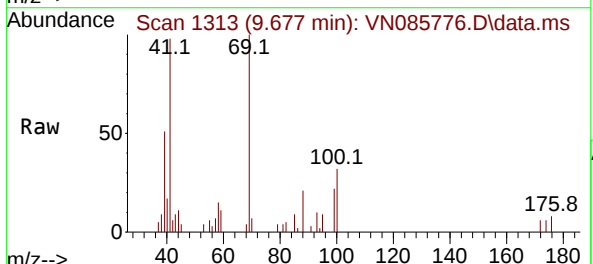
Tgt Ion: 83 Resp: 2515
Ion Ratio Lower Upper
83 100
85 59.8 50.5 75.7
127 8.4 7.2 10.8

Manual Integrations
APPROVED

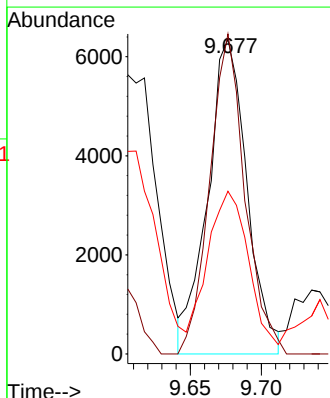
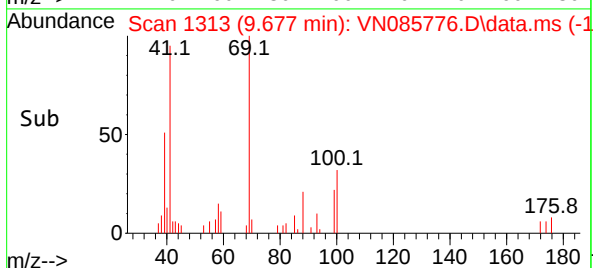
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

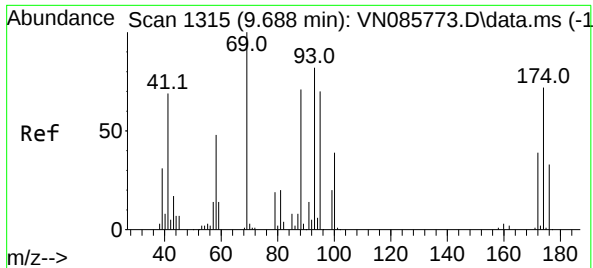


#48
Methyl methacrylate
Concen: 4.567 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



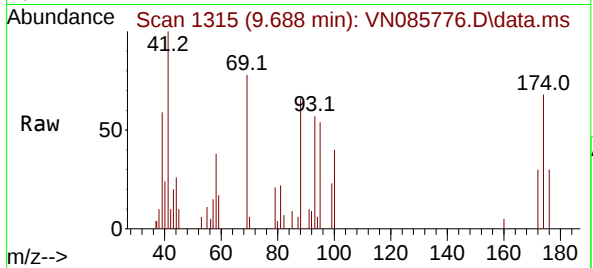
Tgt Ion: 41 Resp: 12200
Ion Ratio Lower Upper
41 100
69 91.5 76.0 114.0
39 55.0 42.3 63.5





#49
1,4-Dioxane
Concen: 91.913 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

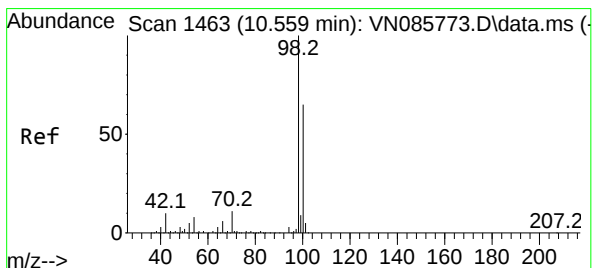
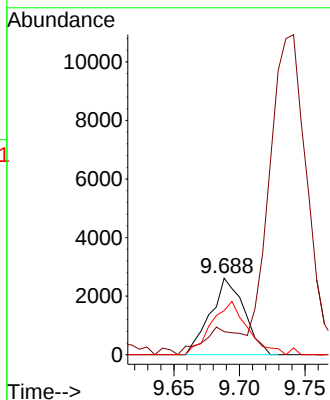
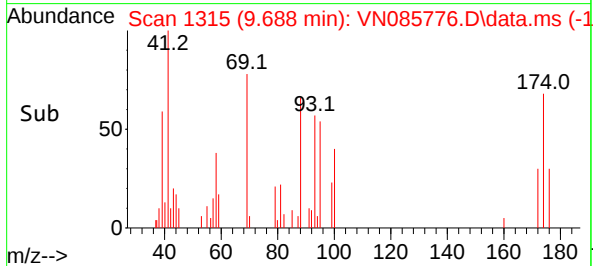
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



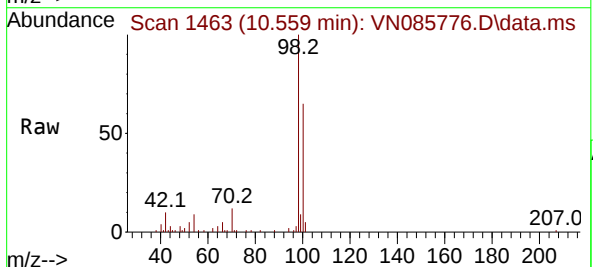
Tgt Ion: 88 Resp: 4669
Ion Ratio Lower Upper
88 100
43 36.1 18.6 27.8
58 75.8 56.7 85.1

Manual Integrations
APPROVED

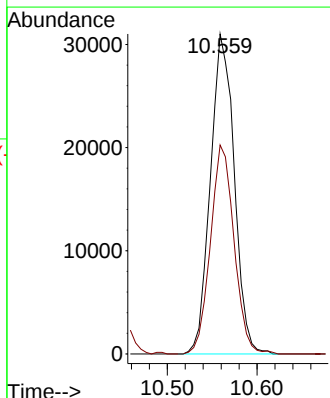
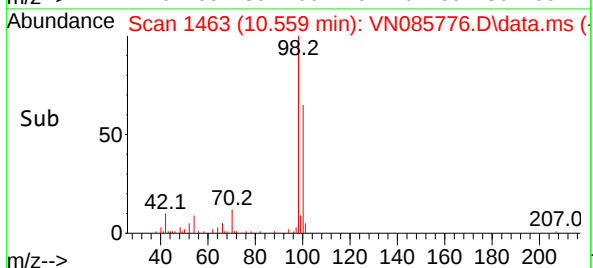
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

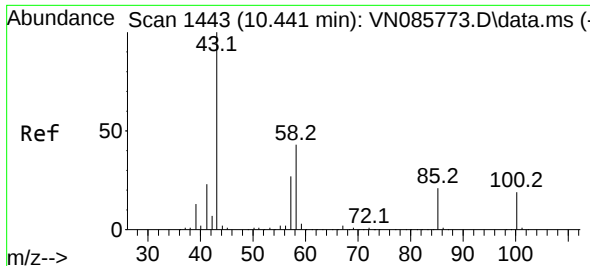


#50
Toluene-d8
Concen: 5.089 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



Tgt Ion: 98 Resp: 57180
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1





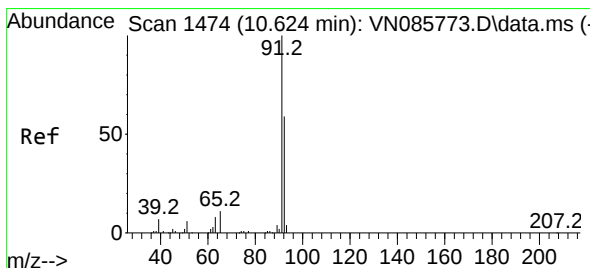
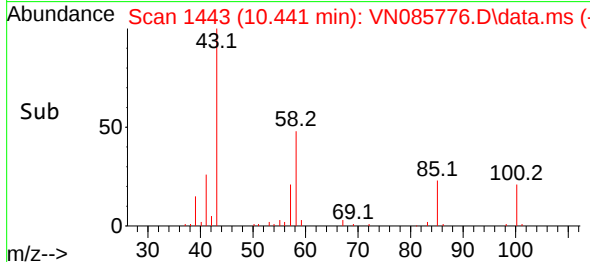
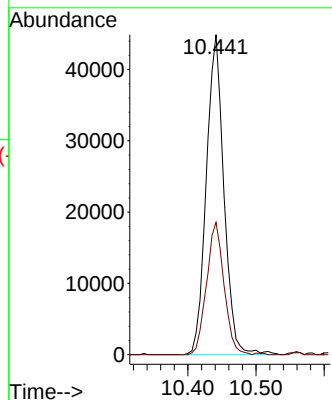
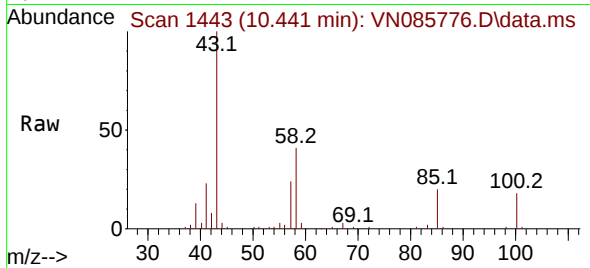
#51
4-Methyl-2-Pentanone
Concen: 23.260 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 80660
Ion Ratio Lower Upper
43 100
58 41.0 34.6 52.0

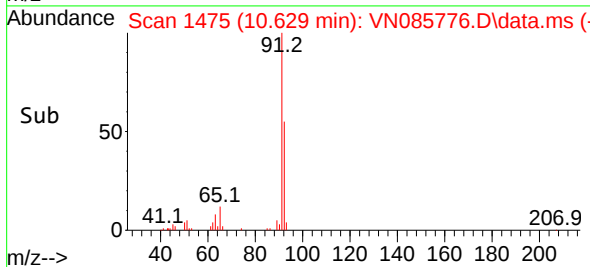
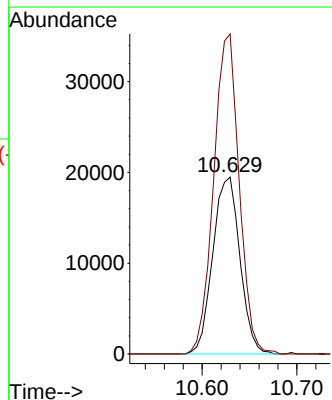
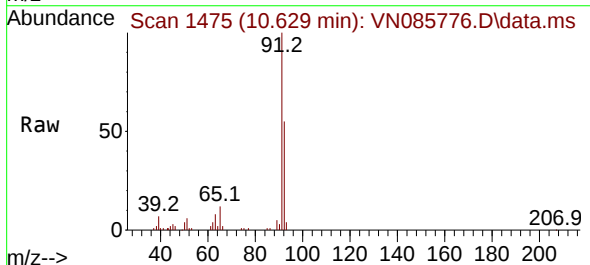
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 4.713 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

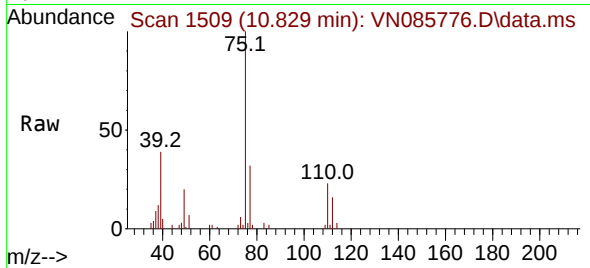
Tgt Ion: 92 Resp: 38701
Ion Ratio Lower Upper
92 100
91 170.6 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 4.708 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

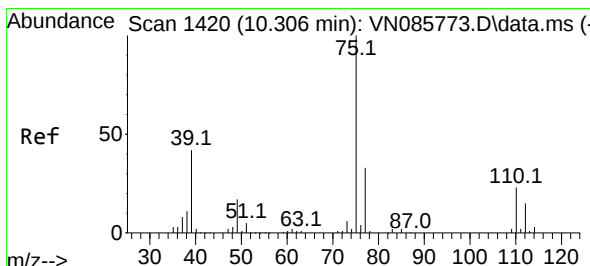
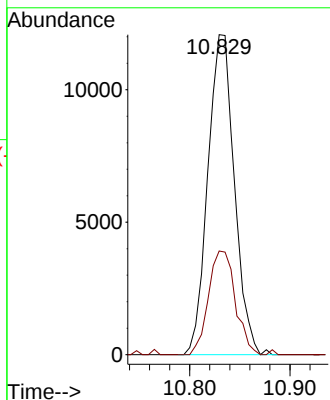
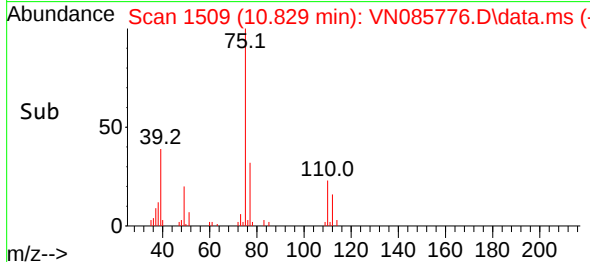
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



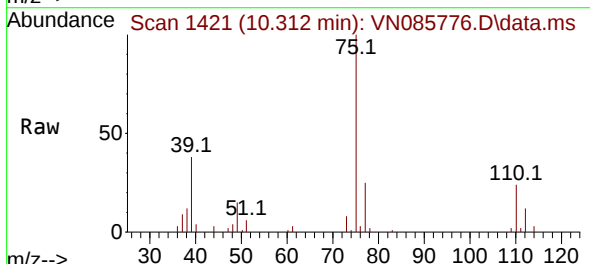
Tgt Ion: 75 Resp: 2221
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0

Manual Integrations
APPROVED

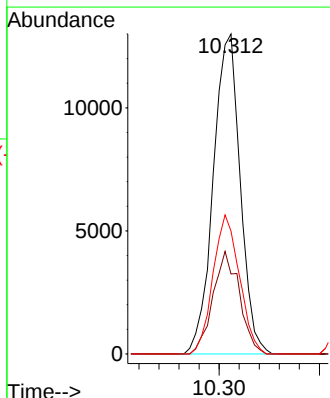
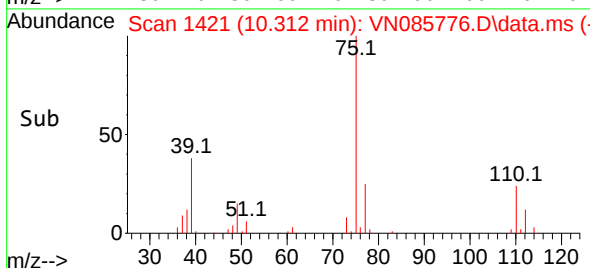
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

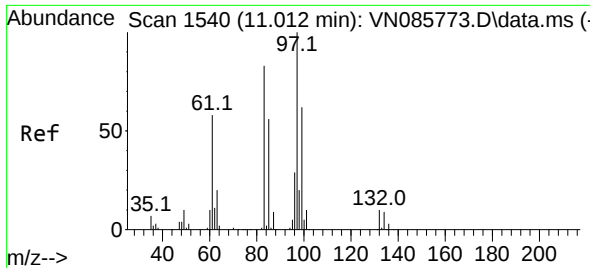


#54
cis-1,3-Dichloropropene
Concen: 4.684 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



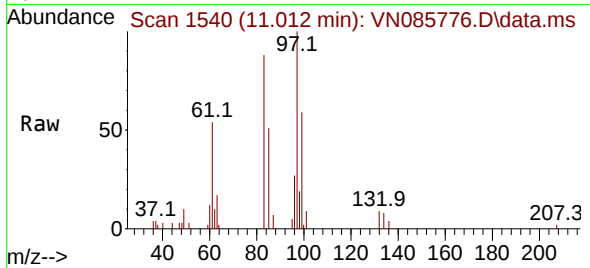
Tgt Ion: 75 Resp: 24235
Ion Ratio Lower Upper
75 100
77 25.0 26.1 39.1#
39 38.4 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 5.008 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

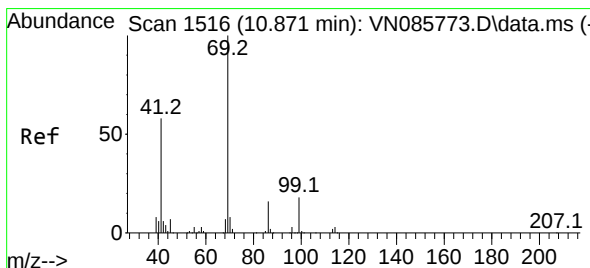
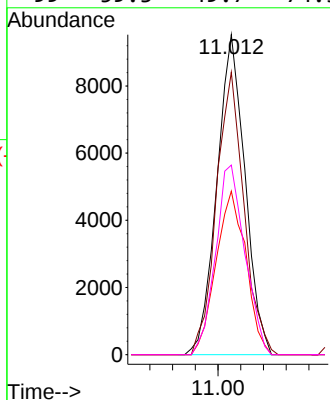
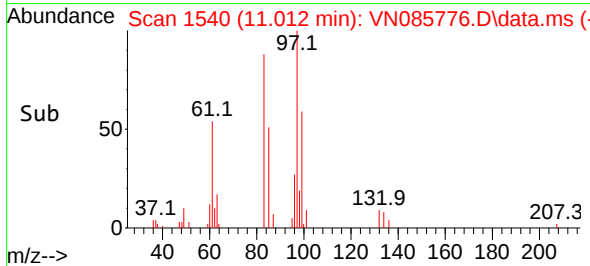
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.2	66.1	99.1
85	51.1	44.7	67.1
99	59.3	49.7	74.5

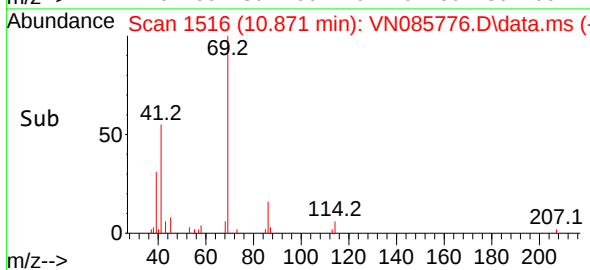
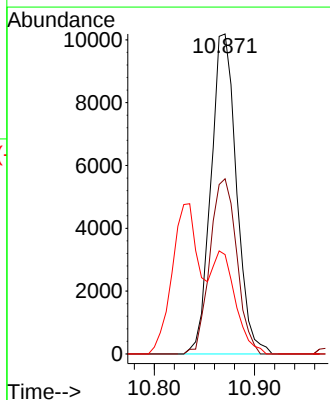
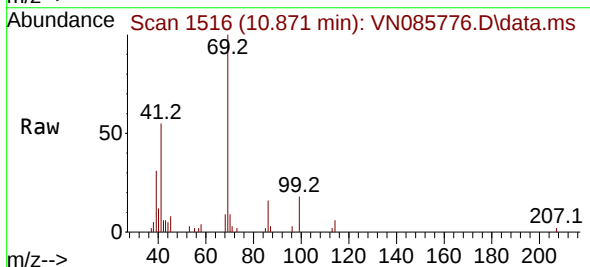
Manual Integrations
APPROVED

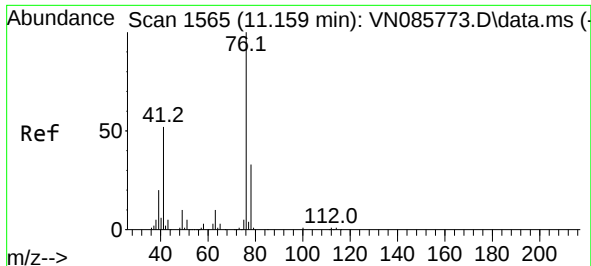
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#56
Ethyl methacrylate
Concen: 4.704 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.4	46.0	69.0
39	28.9	22.0	33.0





#57

1,3-Dichloropropane

Concen: 4.792 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085776.D

Acq: 18 Feb 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 2611

Ion Ratio Lower Upper

76 100

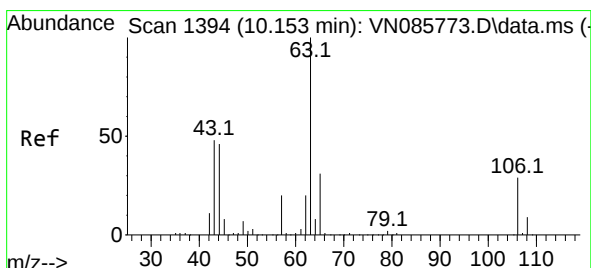
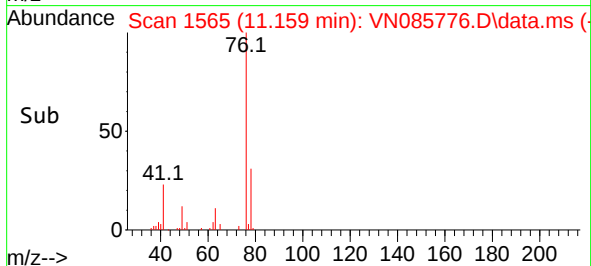
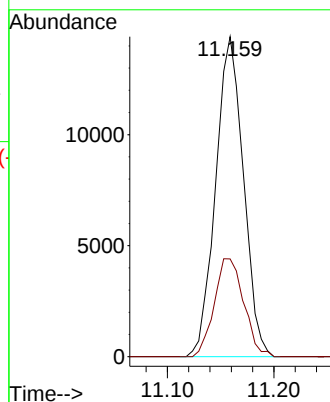
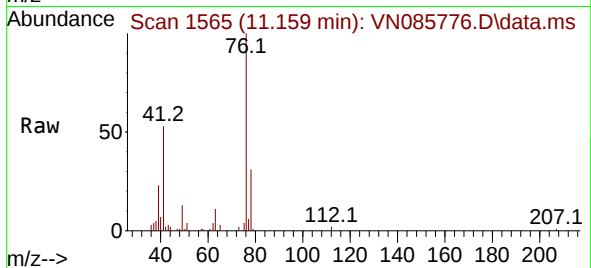
78 32.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 14.159 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VN085776.D

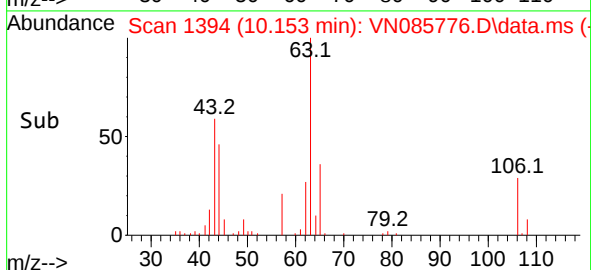
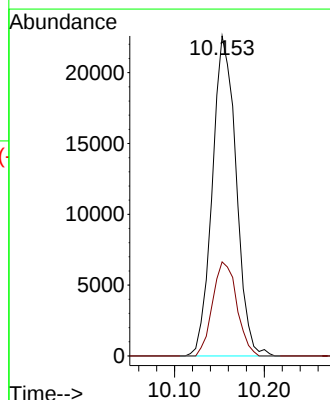
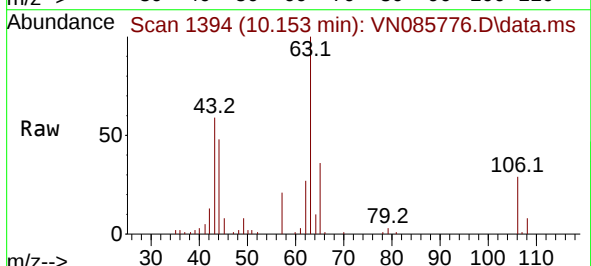
Acq: 18 Feb 2025 12:43

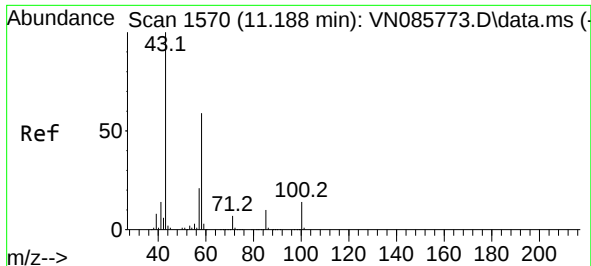
Tgt Ion: 63 Resp: 41567

Ion Ratio Lower Upper

63 100

106 29.9 22.7 34.1





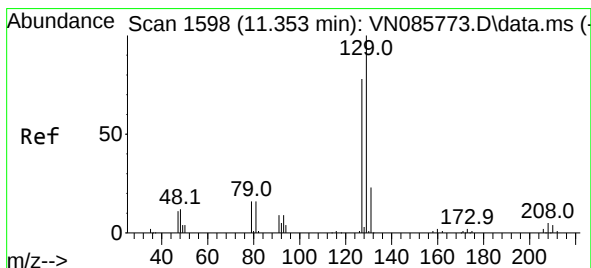
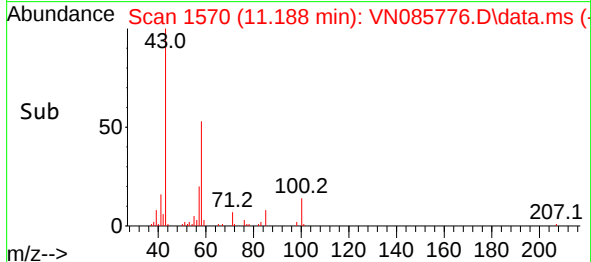
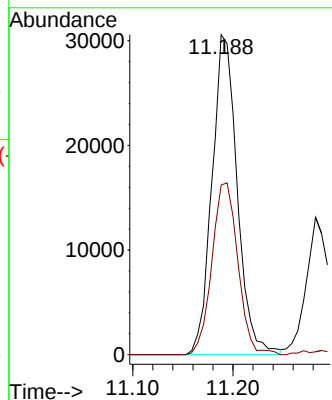
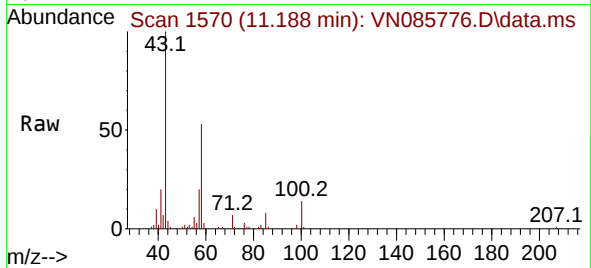
#59
2-Hexanone
Concen: 22.424 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 53498
Ion Ratio Lower Upper
43 100
58 55.1 29.8 89.5

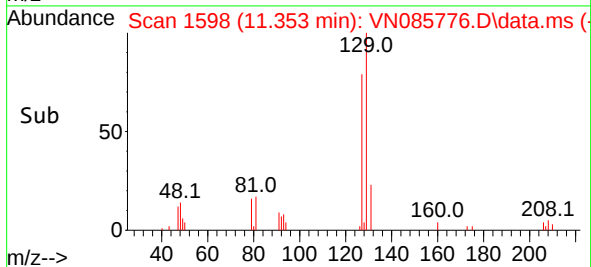
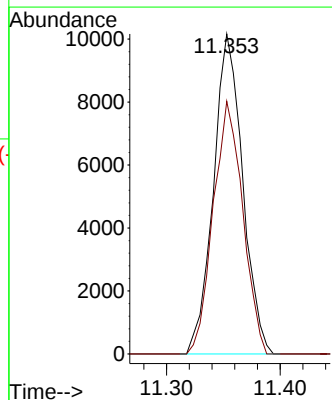
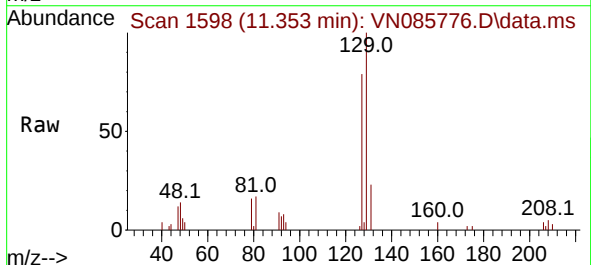
Manual Integrations
APPROVED

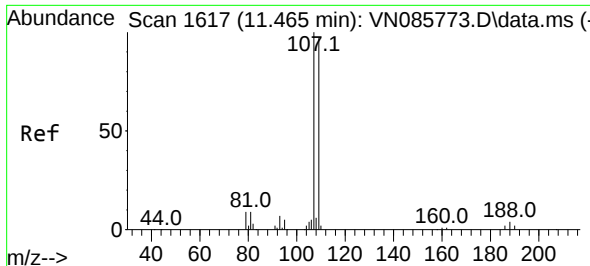
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 4.771 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion:129 Resp: 18137
Ion Ratio Lower Upper
129 100
127 79.9 39.1 117.5





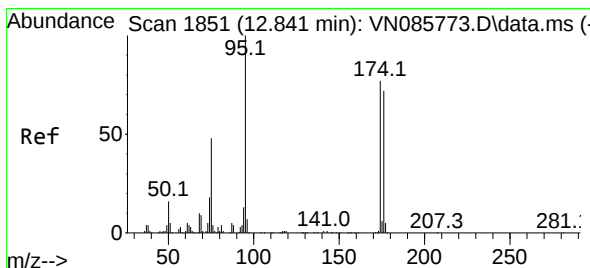
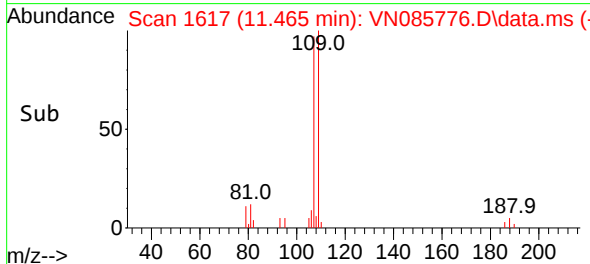
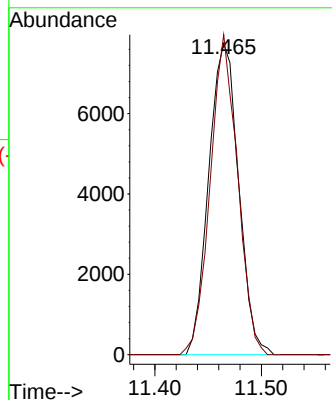
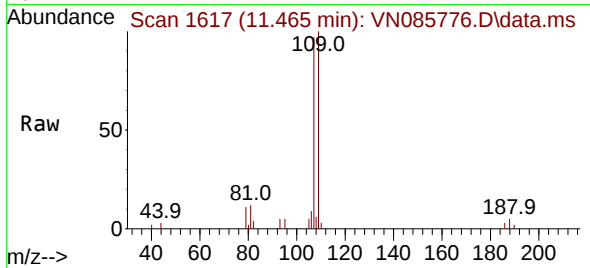
#61
1,2-Dibromoethane
Concen: 4.894 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 1509
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0

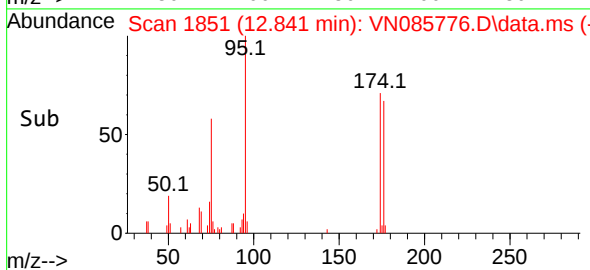
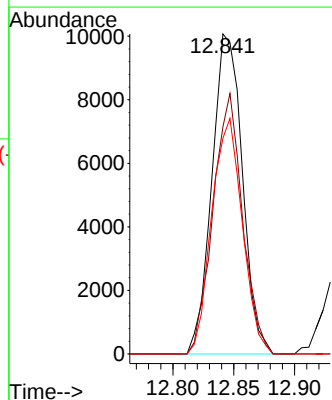
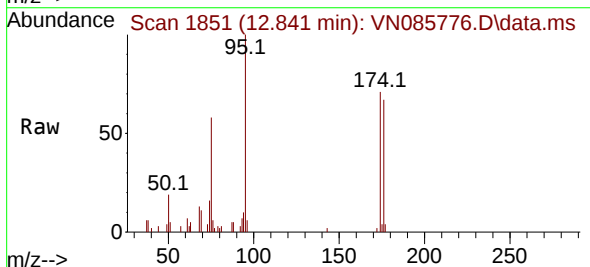
Manual Integrations
APPROVED

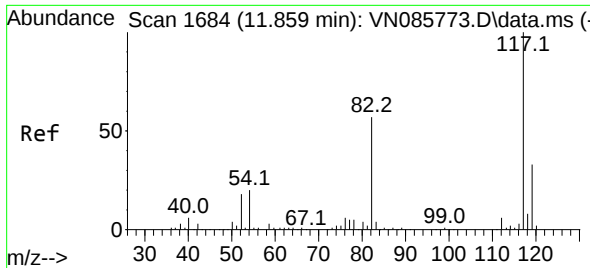
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 4.723 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

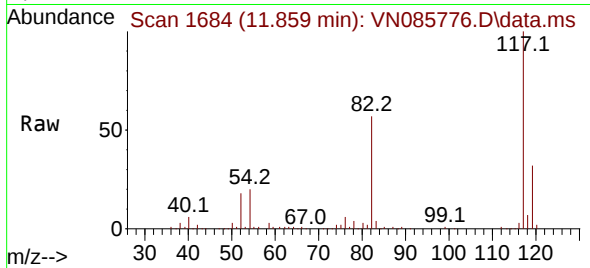
Tgt Ion: 95 Resp: 17484
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.4
176 74.1 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

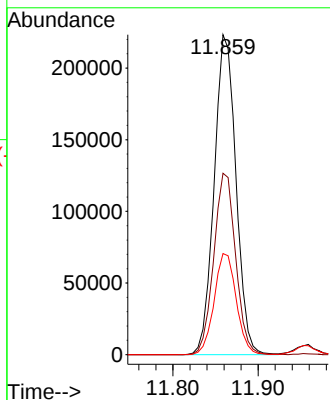
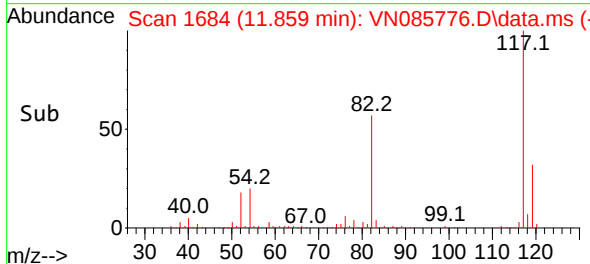
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



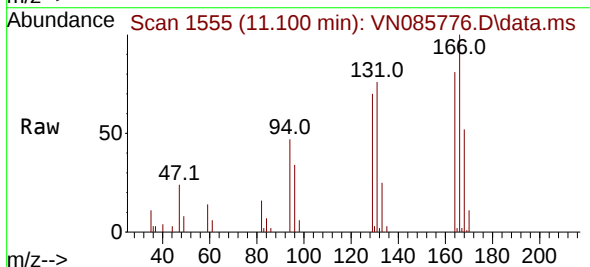
Tgt Ion:117 Resp: 39688
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 31.6 26.2 39.2

Manual Integrations
APPROVED

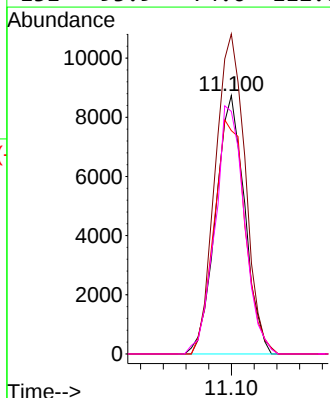
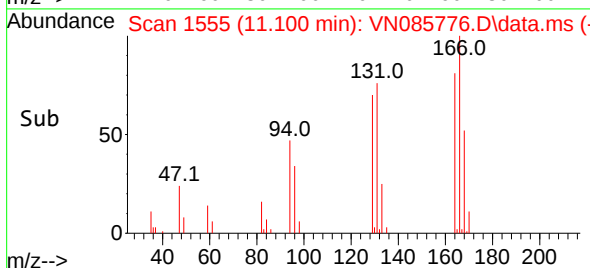
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

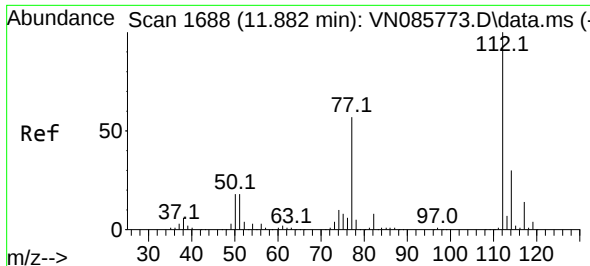


#64
Tetrachloroethene
Concen: 5.043 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



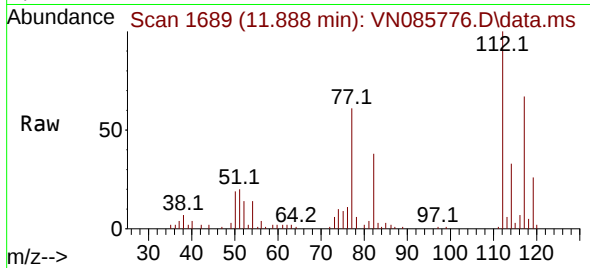
Tgt Ion:164 Resp: 15504
Ion Ratio Lower Upper
164 100
166 123.9 107.2 160.8
129 86.5 80.7 121.1
131 93.9 74.6 112.0





#65
Chlorobenzene
Concen: 4.973 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

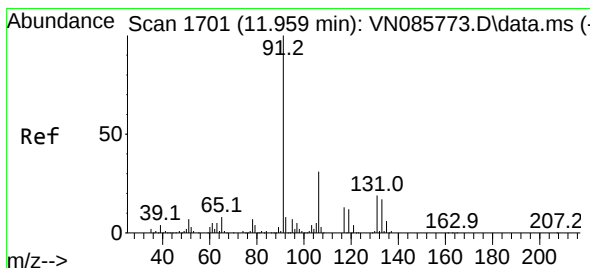
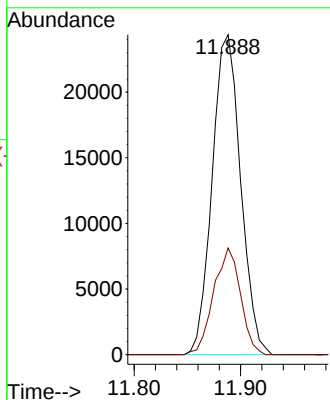
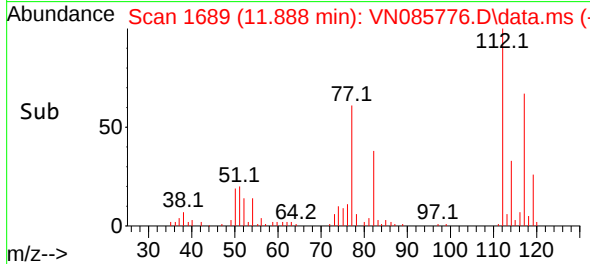
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



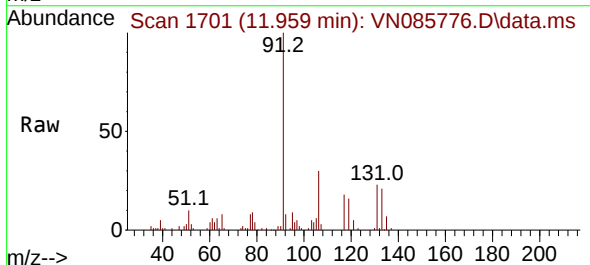
Tgt Ion:112 Resp: 45215
Ion Ratio Lower Upper
112 100
114 33.4 24.3 36.5

Manual Integrations
APPROVED

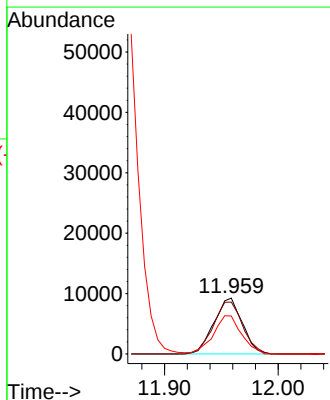
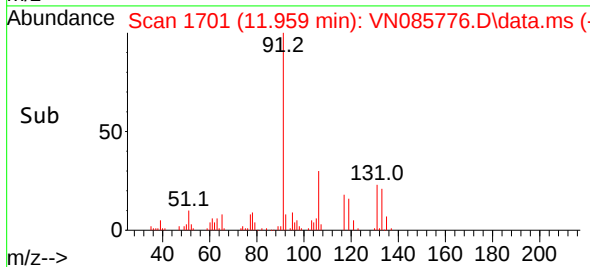
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.880 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



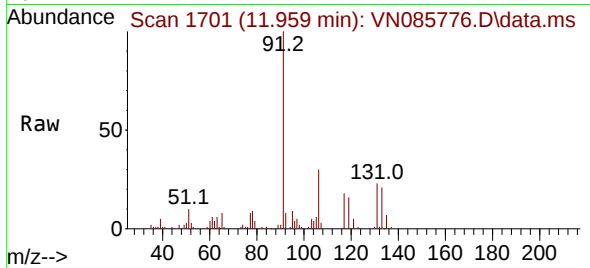
Tgt Ion:131 Resp: 15949
Ion Ratio Lower Upper
131 100
133 97.4 47.7 143.1
119 68.5 33.3 99.8





#67
Ethyl Benzene
Concen: 4.640 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

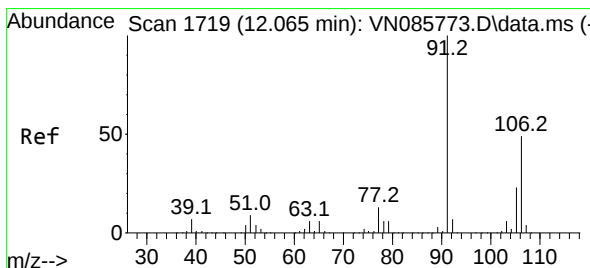
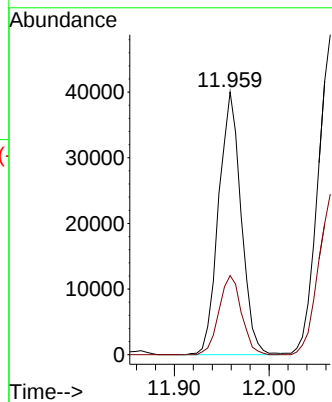
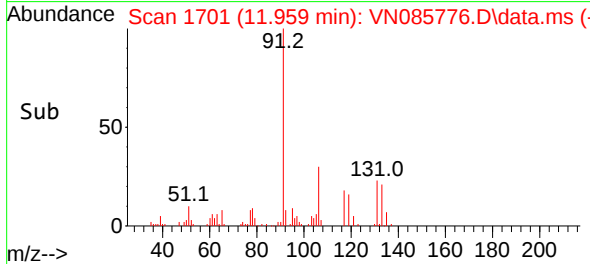
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



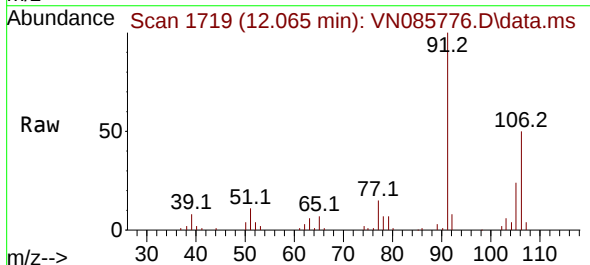
Tgt Ion: 91 Resp: 66079
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1

Manual Integrations
APPROVED

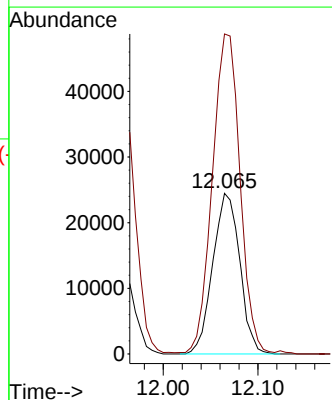
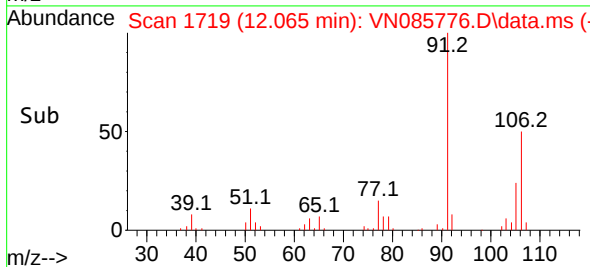
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

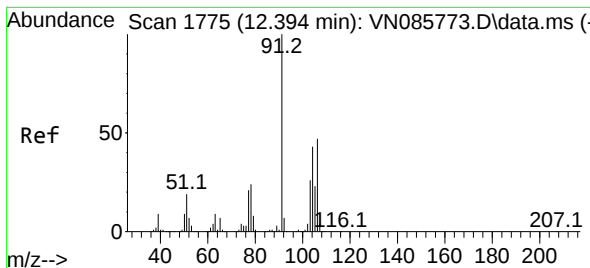


#68
m/p-Xylenes
Concen: 8.949 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



Tgt Ion:106 Resp: 48412
Ion Ratio Lower Upper
106 100
91 202.4 163.3 244.9





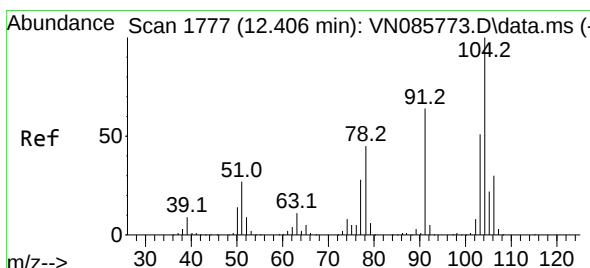
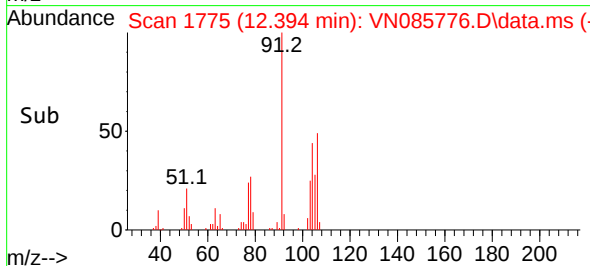
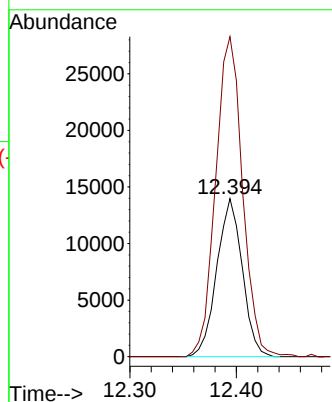
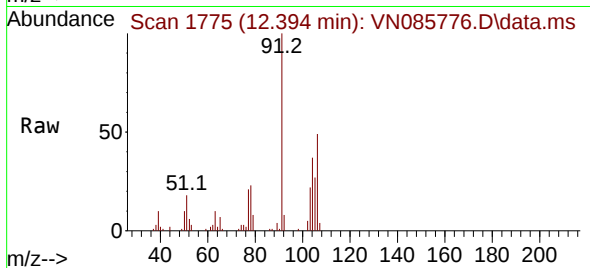
#69
o-Xylene
Concen: 4.512 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 23190
Ion Ratio Lower Upper
106 100
91 213.9 107.1 321.4

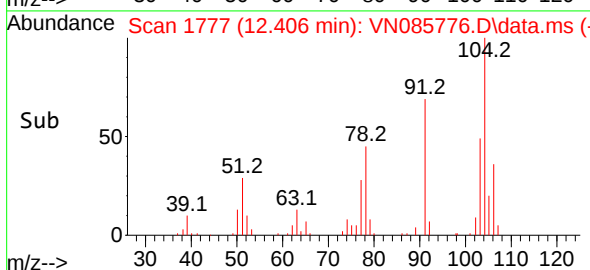
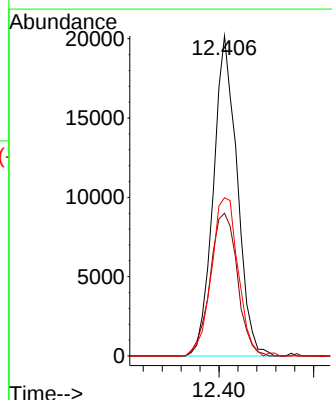
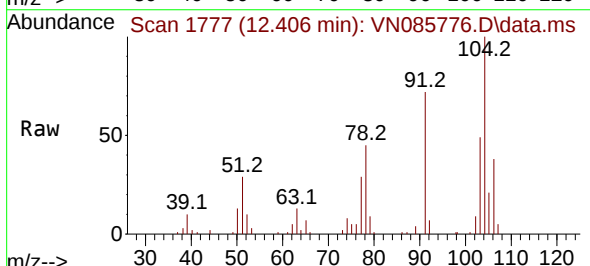
Manual Integrations
APPROVED

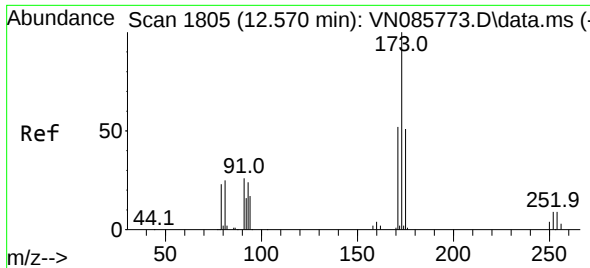
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 4.557 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

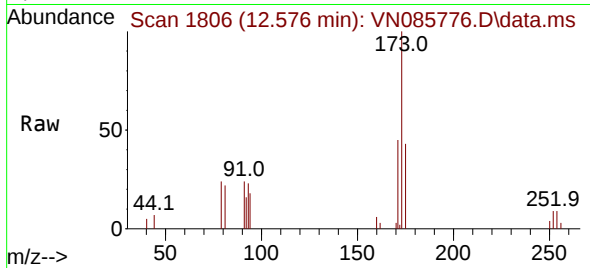
Tgt Ion:104 Resp: 35138
Ion Ratio Lower Upper
104 100
78 51.3 39.0 58.6
103 55.4 43.3 64.9





#71
Bromoform
Concen: 4.915 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

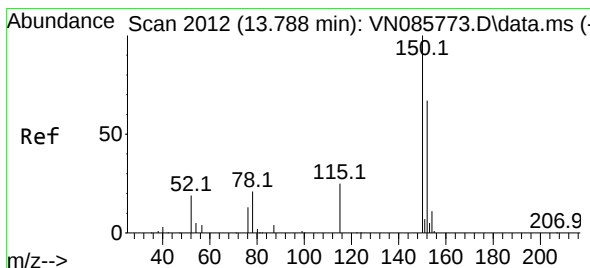
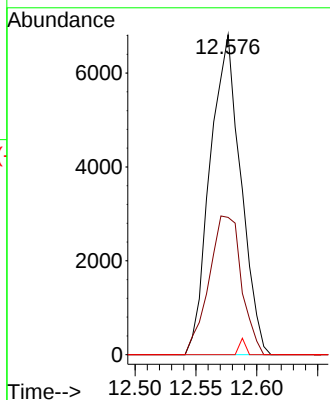
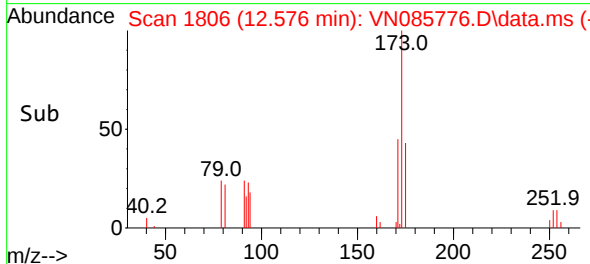
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



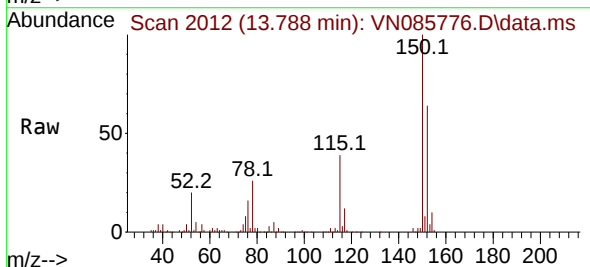
Tgt Ion:173 Resp: 11934
Ion Ratio Lower Upper
173 100
175 46.0 25.1 75.4
254 1.0 0.0 0.0

Manual Integrations
APPROVED

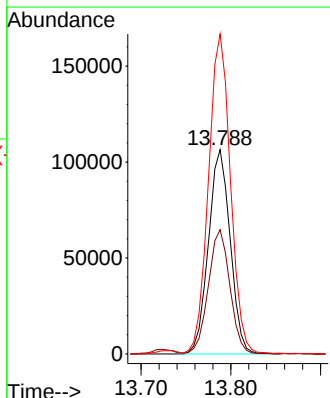
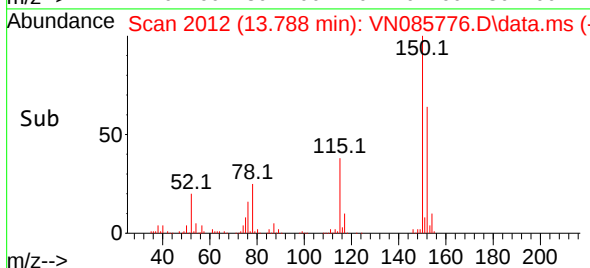
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

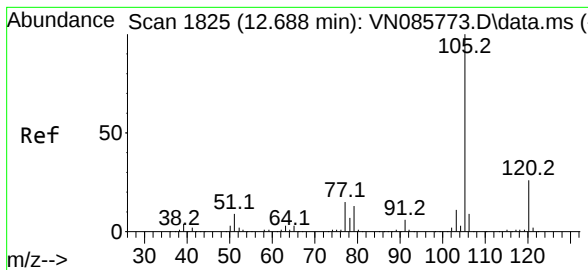


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



Tgt Ion:152 Resp: 179241
Ion Ratio Lower Upper
152 100
115 60.3 30.4 91.3
150 158.2 0.0 345.4





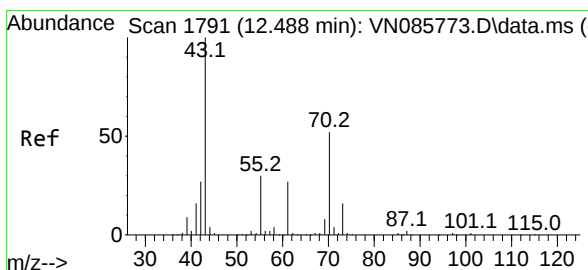
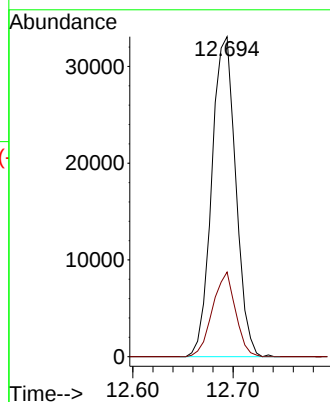
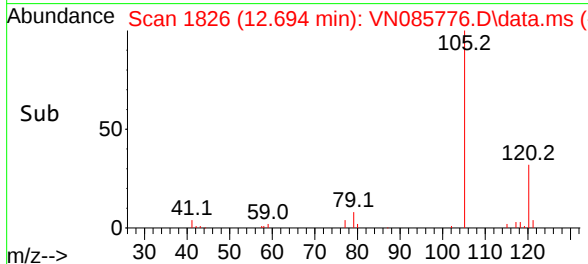
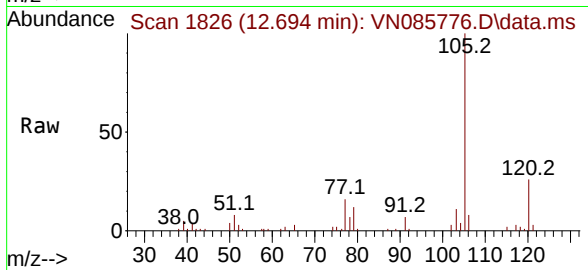
#73
Isopropylbenzene
Concen: 4.477 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 5498
Ion Ratio Lower Upper
105 100
120 25.4 13.0 39.0

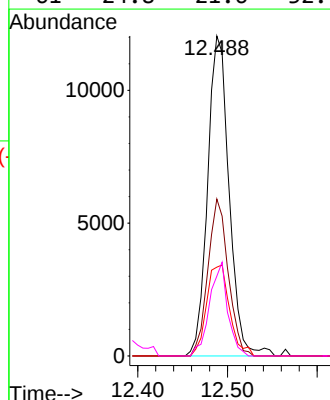
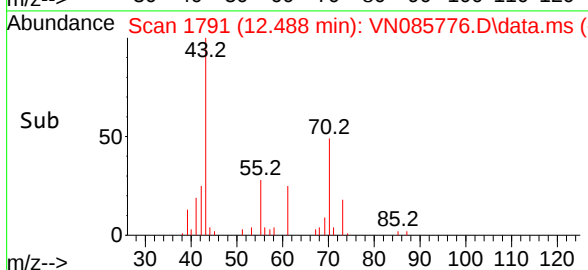
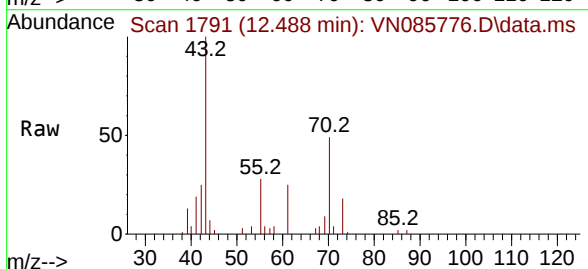
Manual Integrations
APPROVED

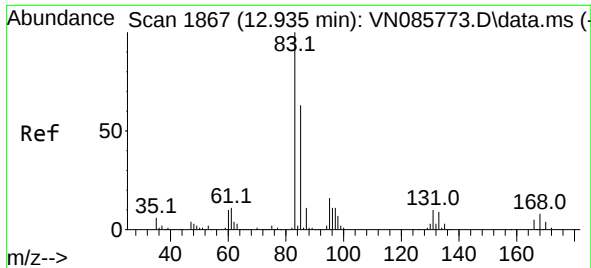
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#74
N-ethyl acetate
Concen: 4.623 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

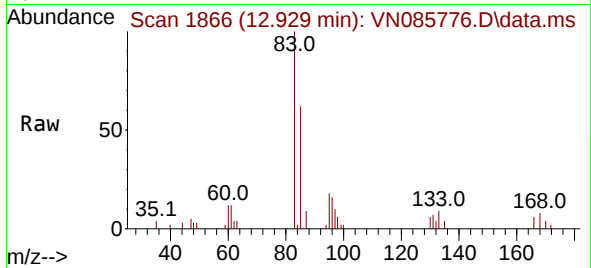
Tgt Ion: 43 Resp: 20017
Ion Ratio Lower Upper
43 100
70 46.5 41.0 61.4
55 30.4 24.6 36.8
61 24.8 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 5.164 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

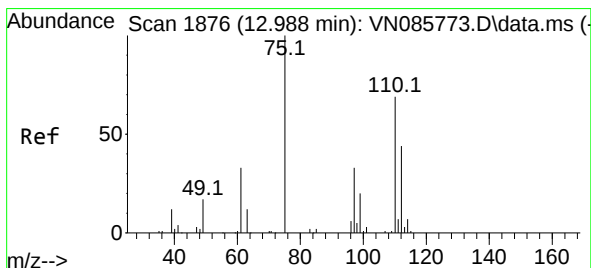
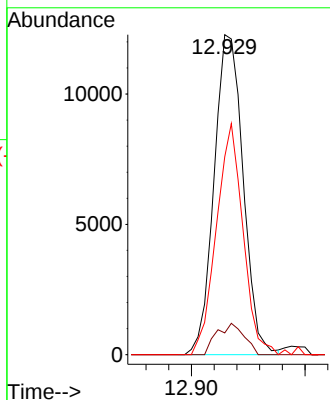
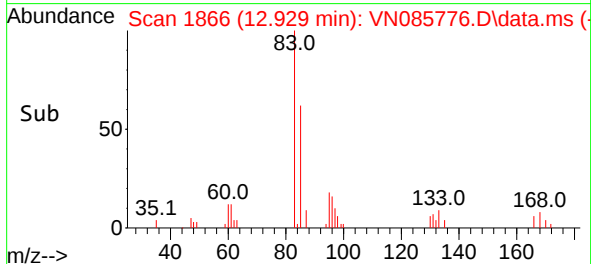
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 2182
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 66.1 32.2 96.6

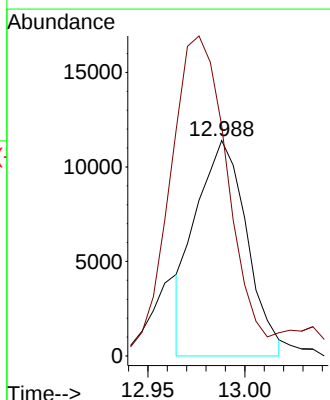
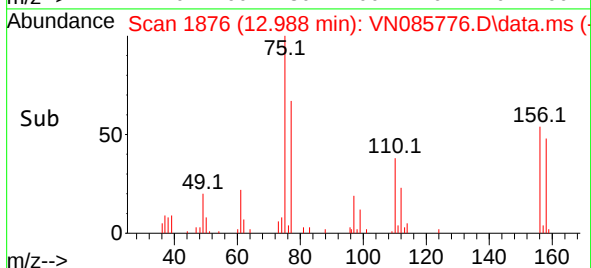
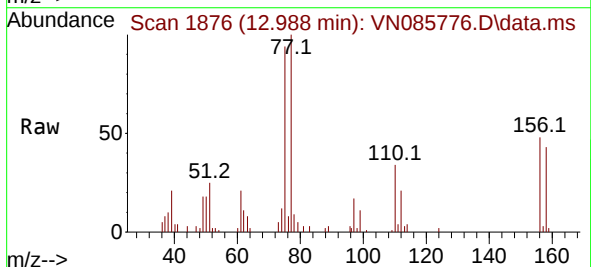
Manual Integrations
APPROVED

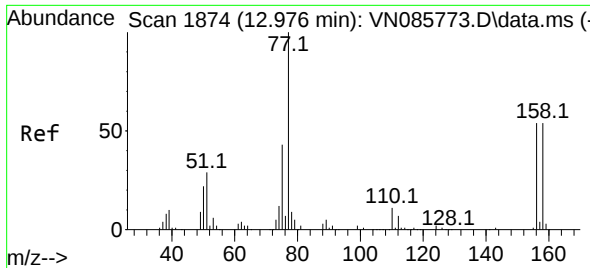
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#76
1,2,3-Trichloropropane
Concen: 5.285 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion: 75 Resp: 20813
Ion Ratio Lower Upper
75 100
77 170.0 100.0 300.0





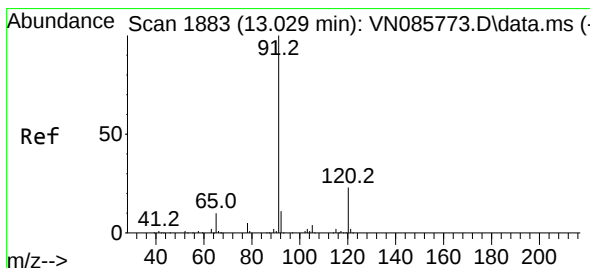
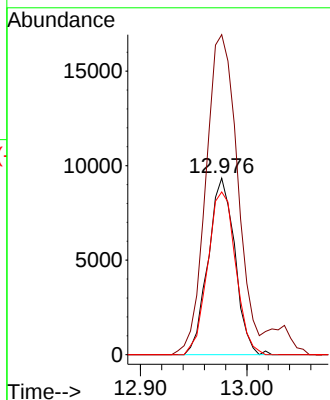
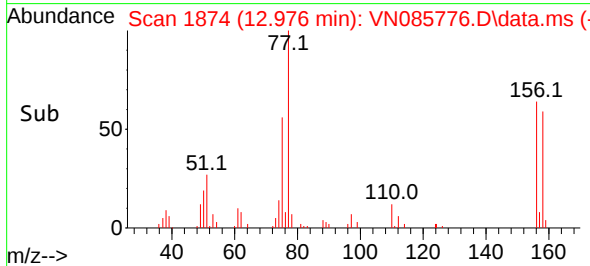
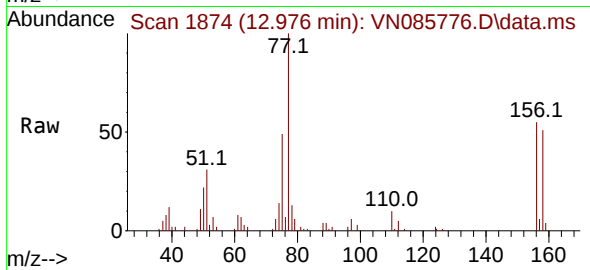
#77
Bromobenzene
Concen: 4.888 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 16215
Ion Ratio Lower Upper
156 100
77 218.2 104.1 312.3
158 96.9 48.1 144.4

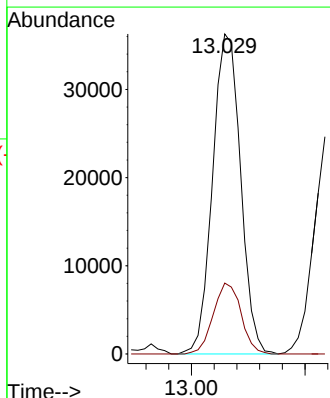
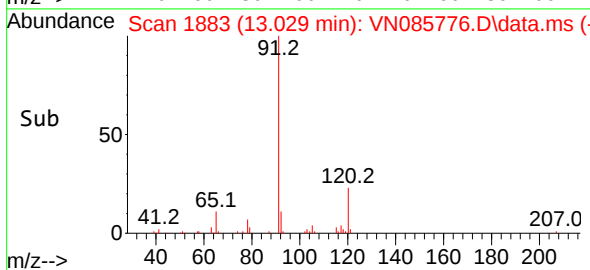
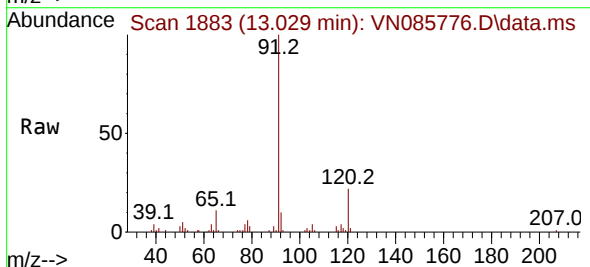
Manual Integrations
APPROVED

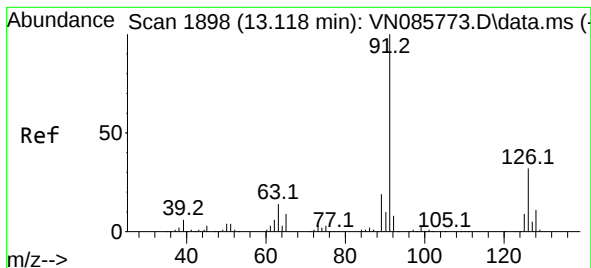
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#78
n-propylbenzene
Concen: 4.414 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion: 91 Resp: 62073
Ion Ratio Lower Upper
91 100
120 22.0 11.3 33.8





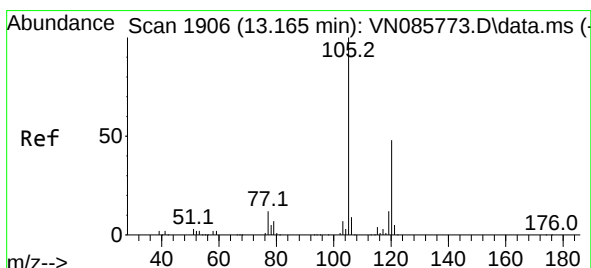
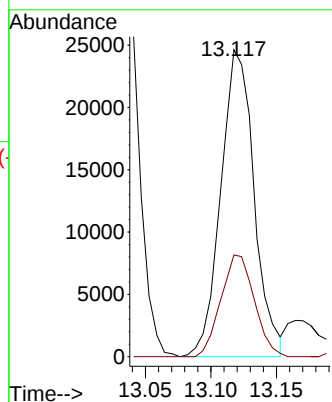
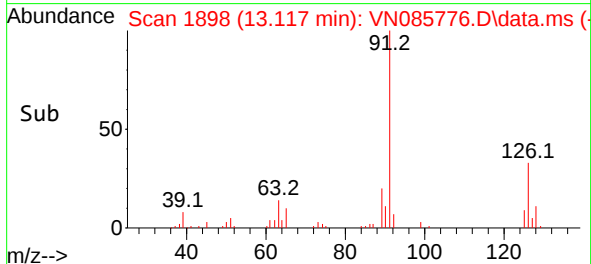
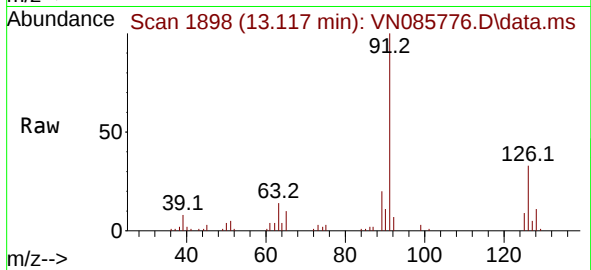
#79
2-Chlorotoluene
Concen: 4.625 ug/l
RT: 13.117 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 4345
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.1

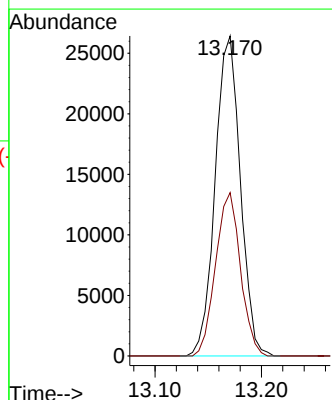
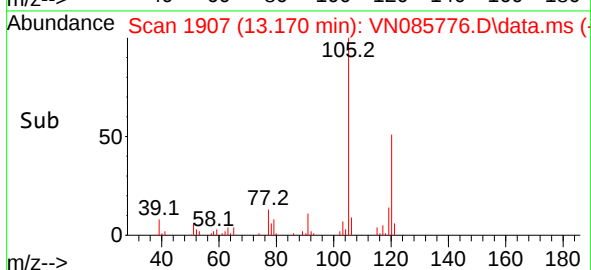
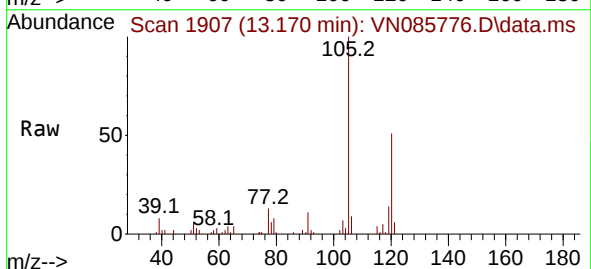
Manual Integrations
APPROVED

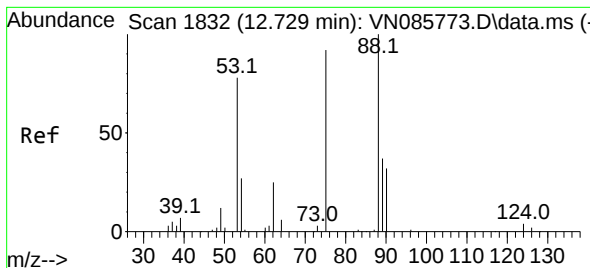
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.333 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

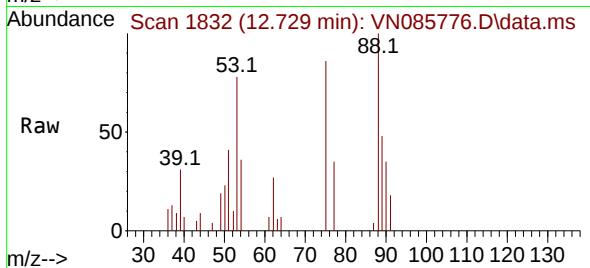
Tgt Ion:105 Resp: 43342
Ion Ratio Lower Upper
105 100
120 50.4 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 4.448 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

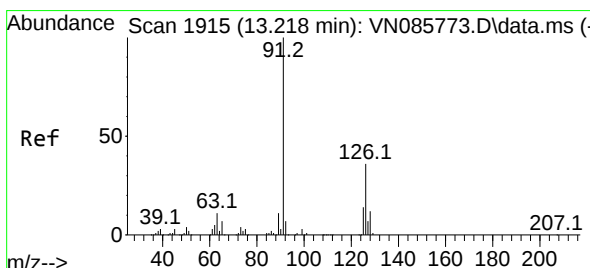
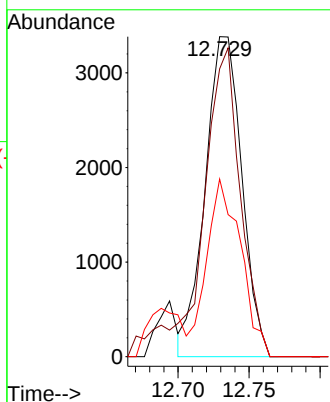
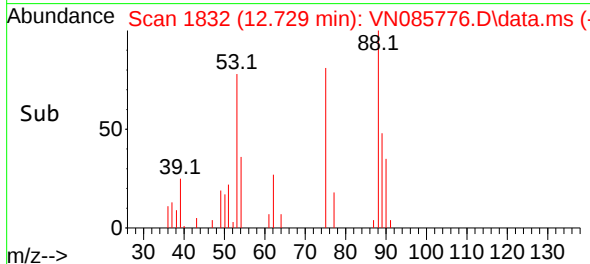
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 6070
Ion Ratio Lower Upper
75 100
53 100.7 74.2 111.4
89 51.5 34.9 52.3

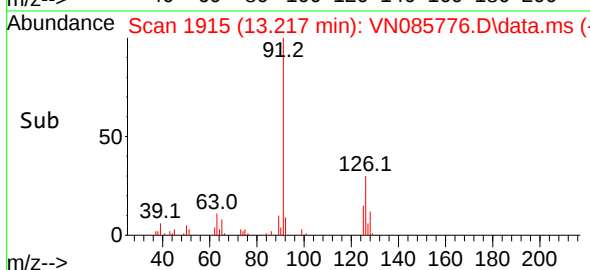
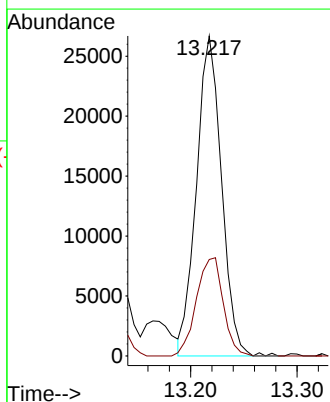
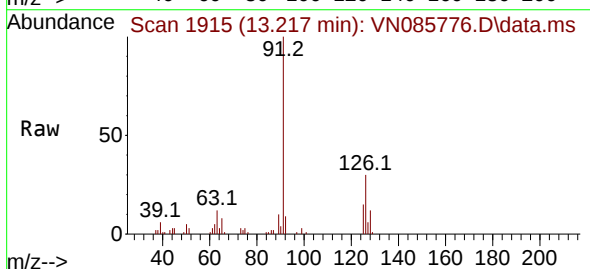
Manual Integrations
APPROVED

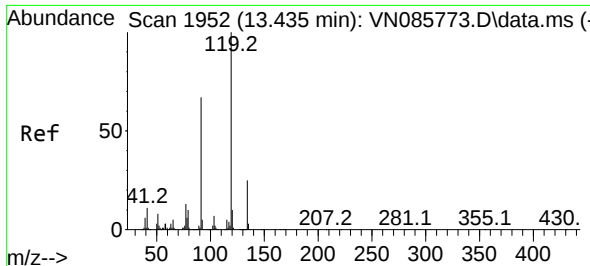
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 4.690 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

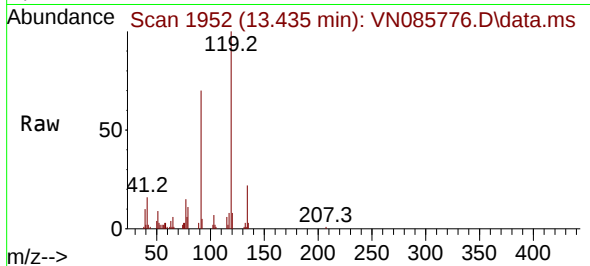
Tgt Ion: 91 Resp: 43684
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 4.515 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085776.D
 Acq: 18 Feb 2025 12:43

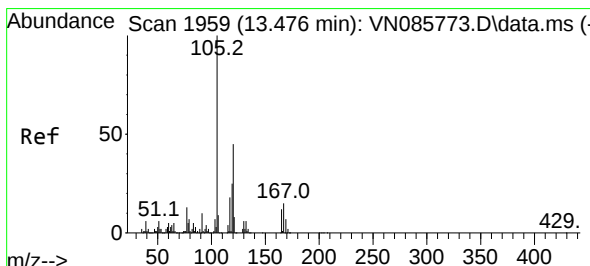
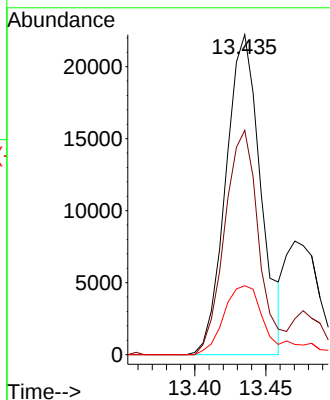
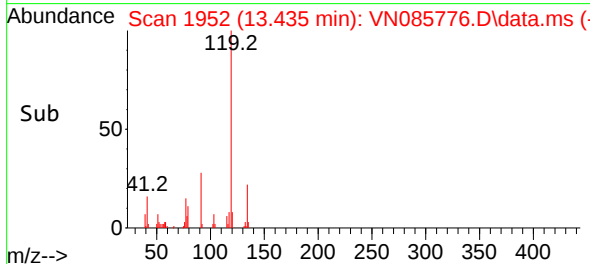
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



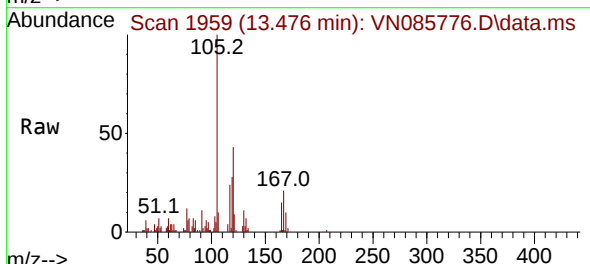
Tgt Ion:119 Resp: 37979
 Ion Ratio Lower Upper
 119 100
 91 69.1 32.5 97.5
 134 26.9 13.3 39.9

Manual Integrations
 APPROVED

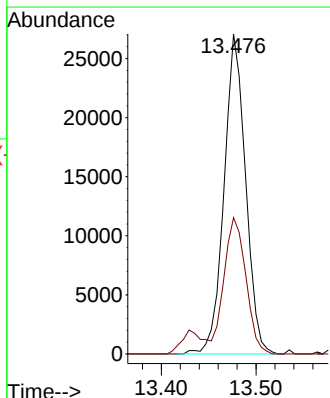
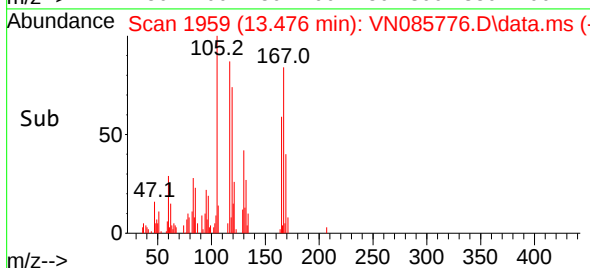
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 4.324 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085776.D
 Acq: 18 Feb 2025 12:43



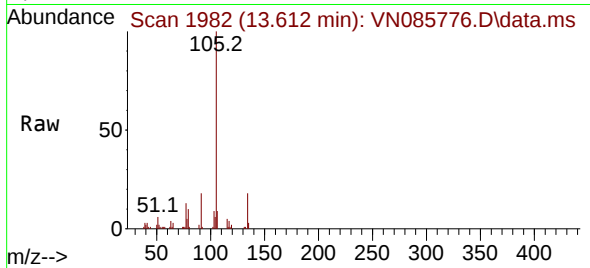
Tgt Ion:105 Resp: 42792
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 4.431 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085776.D
 Acq: 18 Feb 2025 12:43

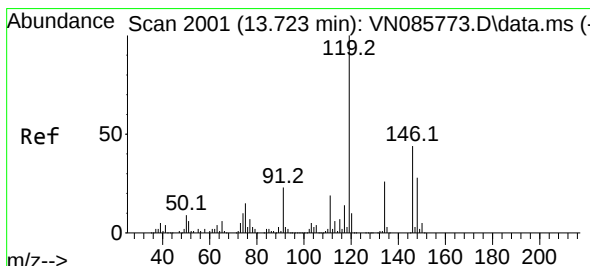
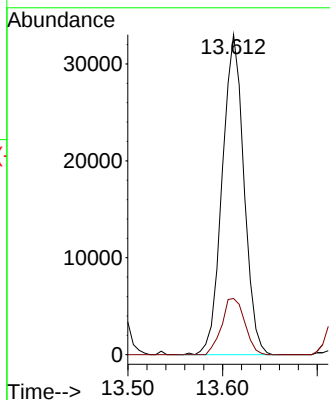
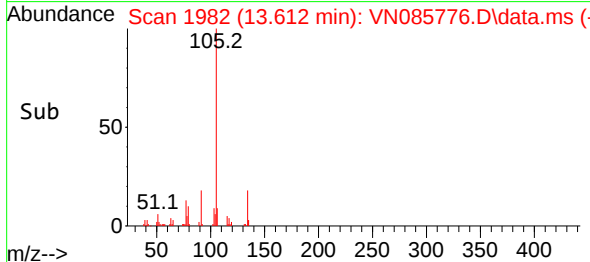
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



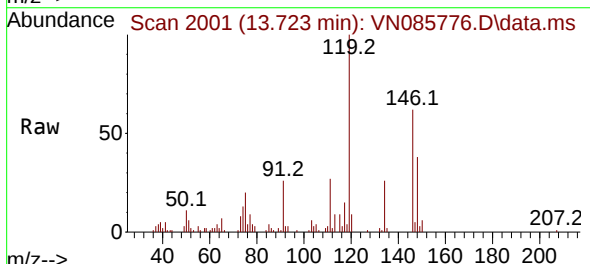
Tgt Ion:105 Resp: 52659
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4

Manual Integrations
 APPROVED

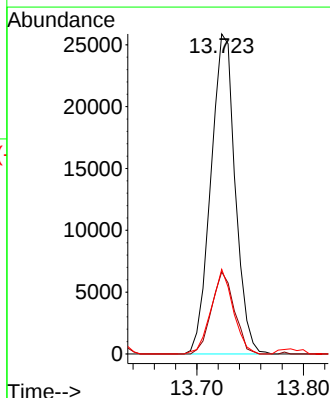
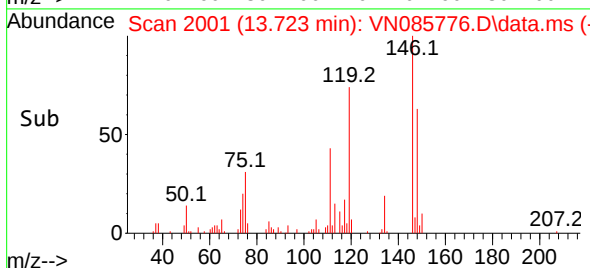
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#86
 p-Isopropyltoluene
 Concen: 4.632 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085776.D
 Acq: 18 Feb 2025 12:43



Tgt Ion:119 Resp: 41010
 Ion Ratio Lower Upper
 119 100
 134 24.0 13.0 39.0
 91 24.0 11.7 35.1





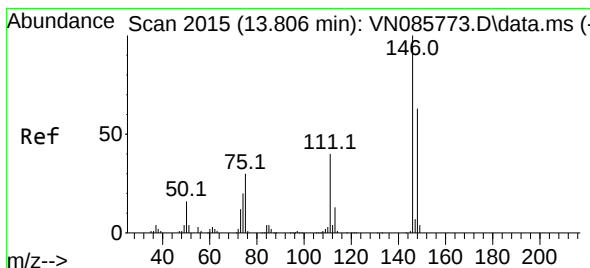
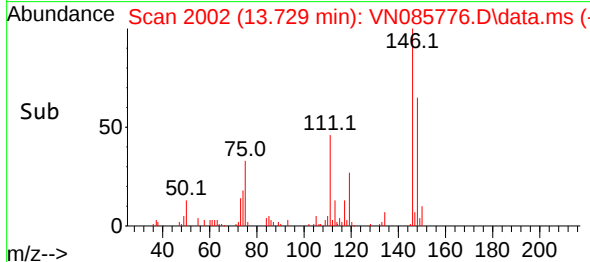
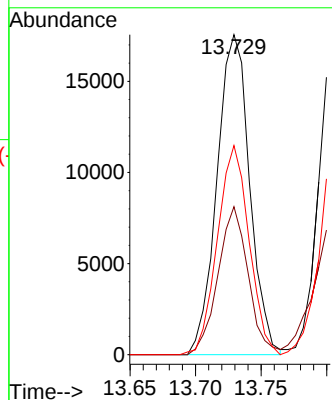
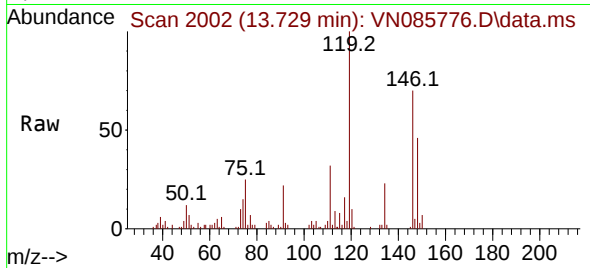
#87
1,3-Dichlorobenzene
Concen: 4.894 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 3041
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.3
148 63.2 32.1 96.5

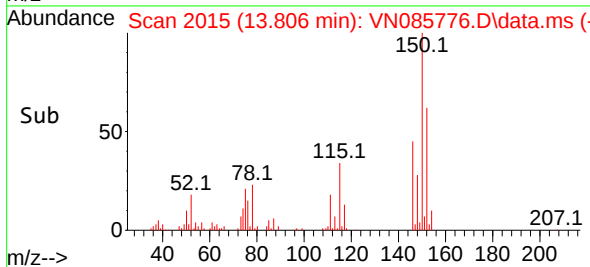
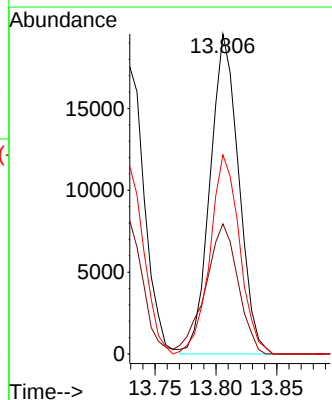
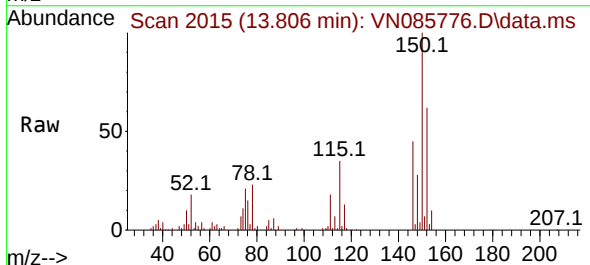
Manual Integrations
APPROVED

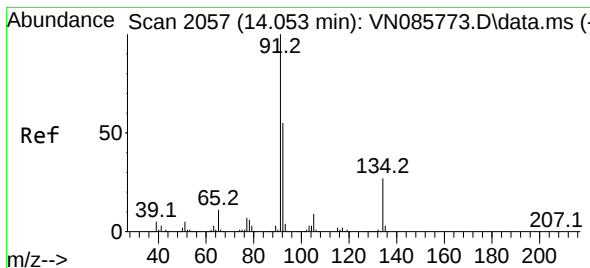
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#88
1,4-Dichlorobenzene
Concen: 4.999 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion:146 Resp: 31847
Ion Ratio Lower Upper
146 100
111 46.4 20.4 61.3
148 64.5 31.8 95.4





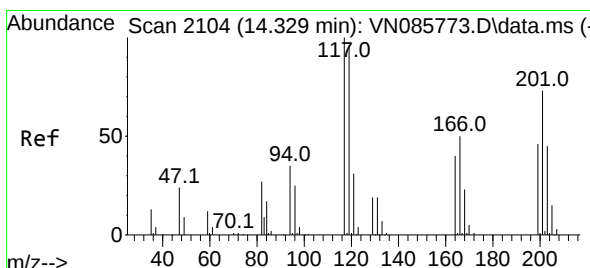
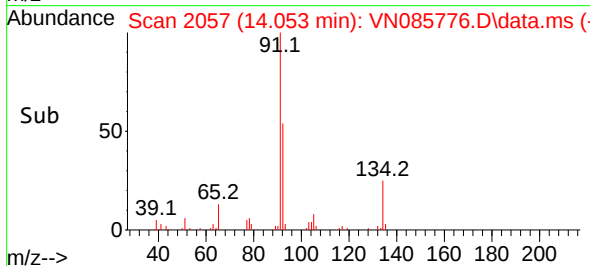
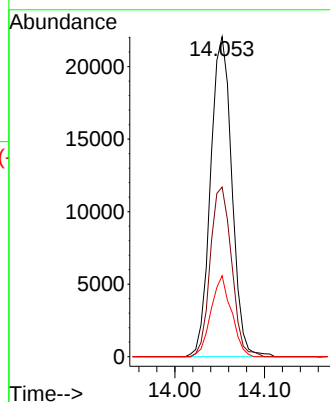
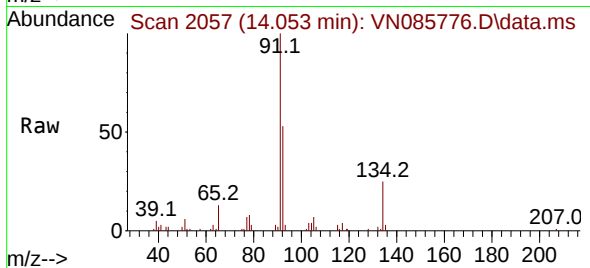
#89
n-Butylbenzene
Concen: 4.317 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3642
Ion Ratio Lower Upper
91 100
92 53.0 27.1 81.3
134 24.3 12.7 38.1

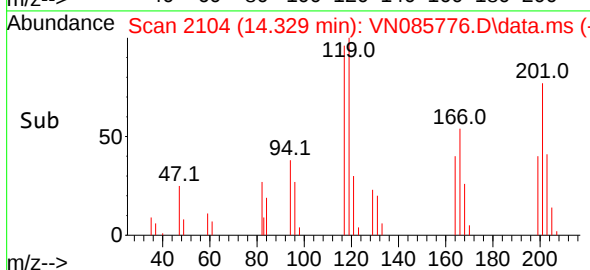
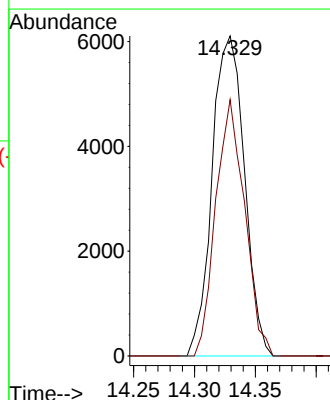
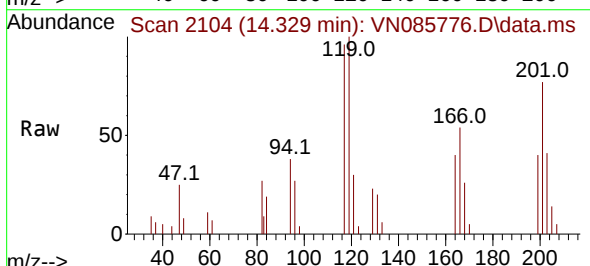
Manual Integrations
APPROVED

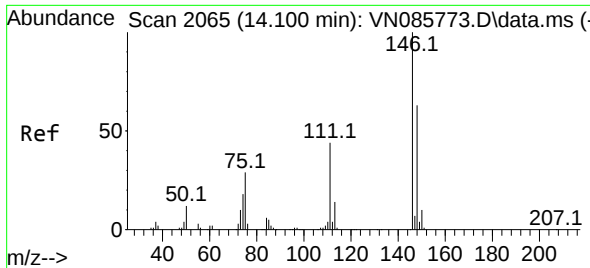
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#90
Hexachloroethane
Concen: 5.010 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Tgt Ion:117 Resp: 11276
Ion Ratio Lower Upper
117 100
201 71.8 35.6 106.9





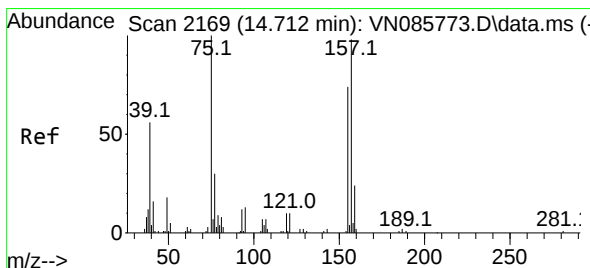
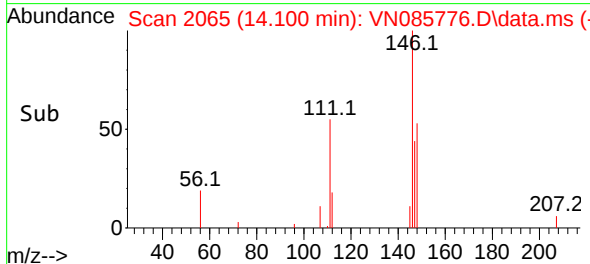
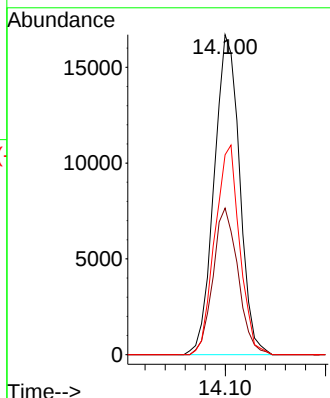
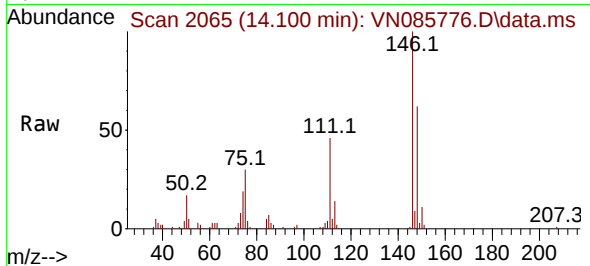
#91
1,2-Dichlorobenzene
Concen: 4.923 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 29424
Ion Ratio Lower Upper
146 100
111 45.1 21.4 64.3
148 63.8 32.0 96.2

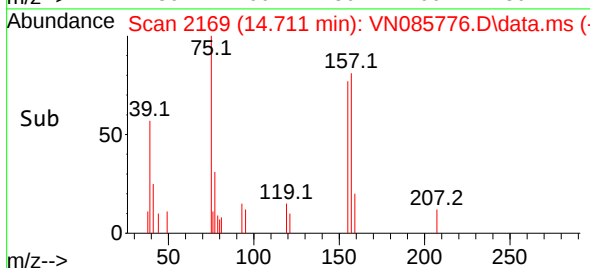
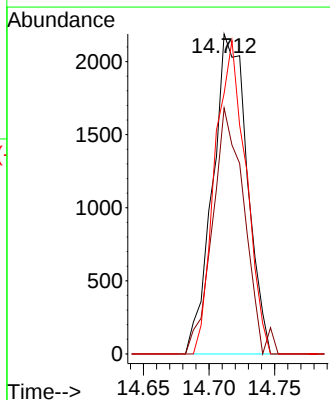
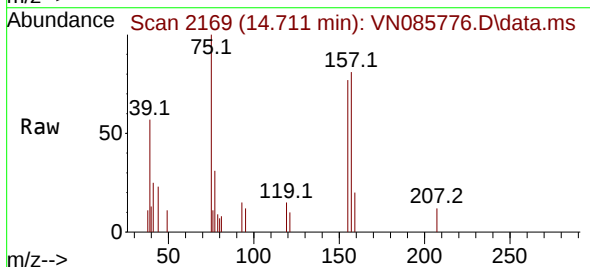
Manual Integrations
APPROVED

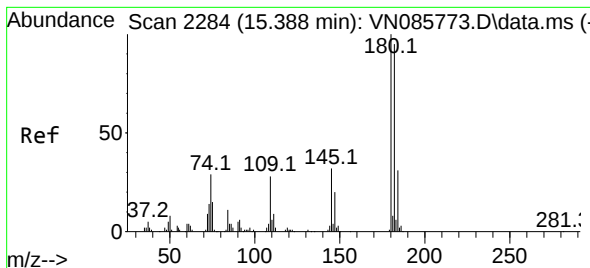
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.138 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

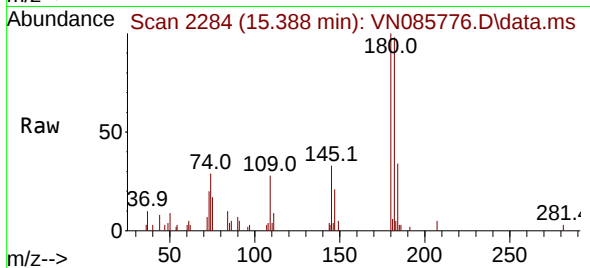
Tgt Ion: 75 Resp: 3987
Ion Ratio Lower Upper
75 100
155 70.9 39.9 119.6
157 88.2 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 4.578 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43

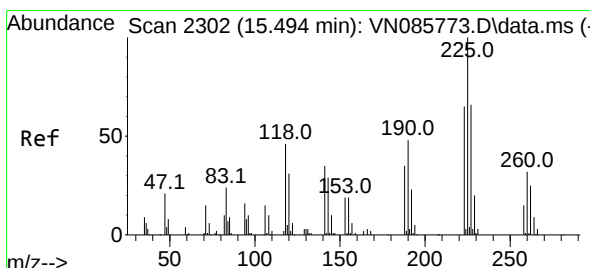
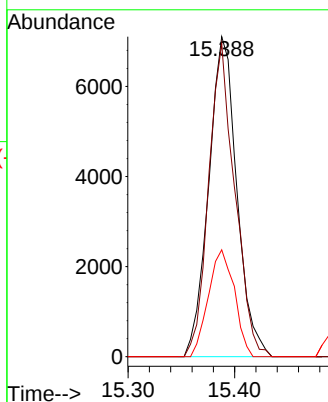
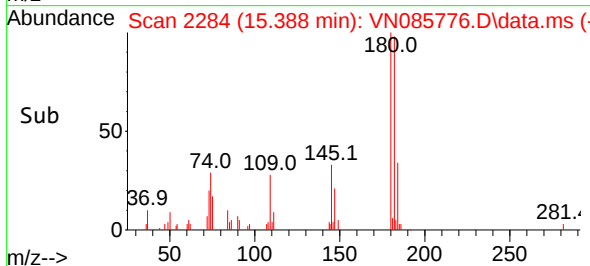
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



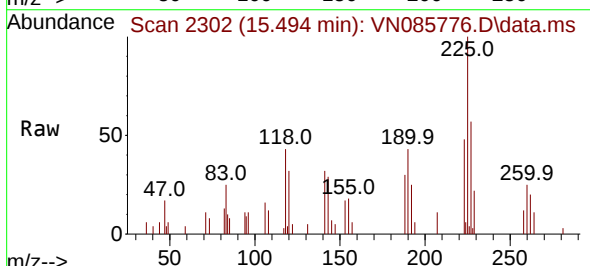
Tgt Ion:180 Resp: 13040
Ion Ratio Lower Upper
180 100
182 90.9 47.3 141.9
145 30.8 16.2 48.5

Manual Integrations
APPROVED

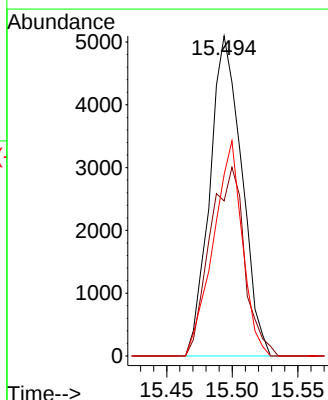
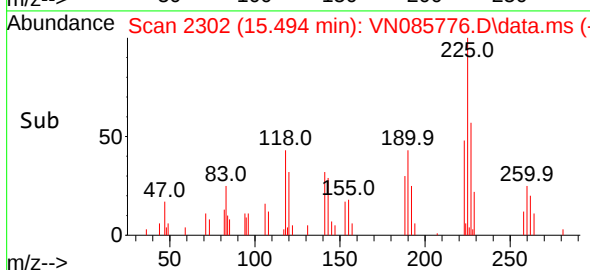
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

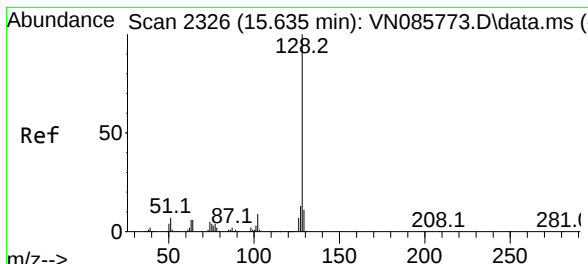


#94
Hexachlorobutadiene
Concen: 4.982 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN085776.D
Acq: 18 Feb 2025 12:43



Tgt Ion:225 Resp: 8623
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.5
227 61.2 32.2 96.6





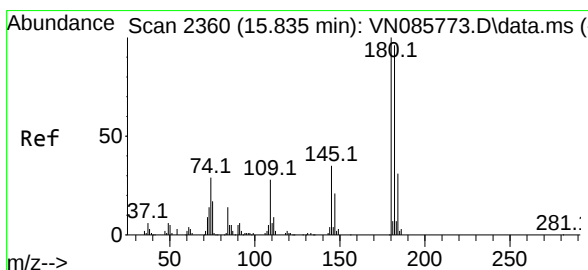
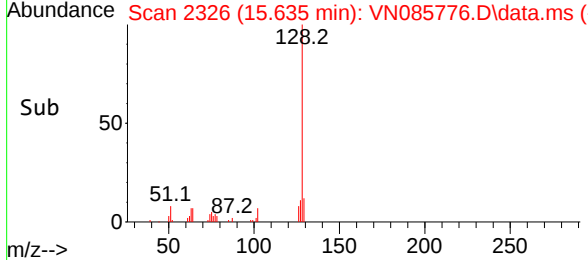
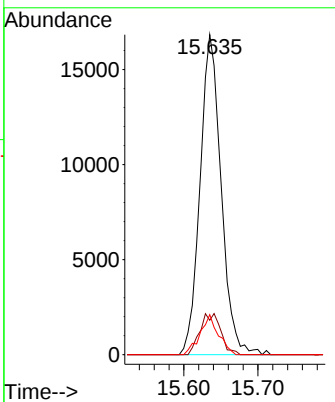
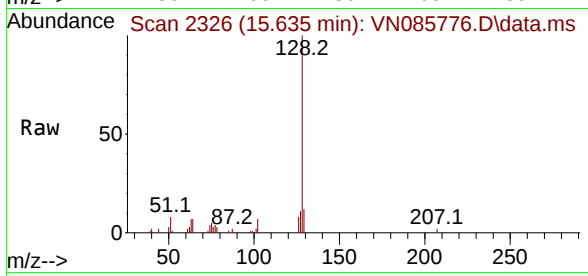
#95
 Naphthalene
 Concen: 4.259 ug/l
 RT: 15.635 min Scan# 2326
 Delta R.T. -0.000 min
 Lab File: VN085776.D
 Acq: 18 Feb 2025 12:43

Instrument : MSVOA_N
 ClientSampleId : VSTDIC005

Tgt Ion:	128	Resp:	33300
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 4.612 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. -0.000 min
 Lab File: VN085776.D
 Acq: 18 Feb 2025 12:43

Tgt Ion:	180	Resp:	13188
Ion Ratio	Lower	Upper	
180	100		
182	93.0	47.3	141.8
145	32.8	16.9	50.6

