

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085884.D
 Acq On : 27 Feb 2025 12:51
 Operator : JC\MD
 Sample : VN0227WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 01:57:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	230188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	375362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	334047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124346	41.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.340%		
35) Dibromofluoromethane	8.165	113	107802	43.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.780%		
50) Toluene-d8	10.565	98	392601	43.933	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.860%		
62) 4-Bromofluorobenzene	12.847	95	138580	47.067	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62015	19.807	ug/l	99
3) Chloromethane	2.359	50	59706	19.004	ug/l	99
4) Vinyl Chloride	2.512	62	63702	19.149	ug/l	98
5) Bromomethane	2.953	94	39465	18.554	ug/l	90
6) Chloroethane	3.118	64	39693	18.014	ug/l	91
7) Trichlorofluoromethane	3.495	101	95091	19.743	ug/l	97
8) Diethyl Ether	3.959	74	34831	22.351	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	57781	20.754	ug/l	99
10) Methyl Iodide	4.583	142	68557	19.977	ug/l	99
11) Tert butyl alcohol	5.518	59	52775	143.782	ug/l	99
12) 1,1-Dichloroethene	4.342	96	49709	19.692	ug/l	96
13) Acrolein	4.177	56	54221	99.614	ug/l	98
14) Allyl chloride	5.018	41	65369	19.724	ug/l	92
15) Acrylonitrile	5.718	53	154455	129.441	ug/l	98
16) Acetone	4.424	43	114966	121.749	ug/l	97
17) Carbon Disulfide	4.712	76	130479	17.441	ug/l	100
18) Methyl Acetate	5.024	43	83502	25.710	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	167324	22.306	ug/l	98
20) Methylene Chloride	5.277	84	62792	20.678	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	52621	19.359	ug/l	93
22) Diisopropyl ether	6.671	45	166737	22.265	ug/l	99
23) Vinyl Acetate	6.600	43	544005	106.092	ug/l	98
24) 1,1-Dichloroethane	6.571	63	105797	20.782	ug/l	98
25) 2-Butanone	7.483	43	179301	129.066	ug/l	96
26) 2,2-Dichloropropane	7.488	77	91545	20.223	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	64516	20.471	ug/l	100
28) Bromochloromethane	7.812	49	42841	20.475	ug/l	98
29) Tetrahydrofuran	7.841	42	117264	130.717	ug/l	96
30) Chloroform	7.959	83	111774	21.010	ug/l	99
31) Cyclohexane	8.253	56	75399	17.689	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	94985	20.073	ug/l	98
36) 1,1-Dichloropropene	8.371	75	71060	20.442	ug/l	98
37) Ethyl Acetate	7.559	43	72606	25.381	ug/l	99
38) Carbon Tetrachloride	8.365	117	87061	21.078	ug/l	99
39) Methylcyclohexane	9.600	83	63606	18.626	ug/l	97
40) Benzene	8.606	78	239019	21.453	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085884.D
 Acq On : 27 Feb 2025 12:51
 Operator : JC\MD
 Sample : VN0227WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 01:57:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37911	24.790	ug/l	95
42) 1,2-Dichloroethane	8.671	62	75573	20.825	ug/l	98
43) Isopropyl Acetate	8.683	43	117411	23.093	ug/l	99
44) Trichloroethene	9.353	130	53987	19.735	ug/l	100
45) 1,2-Dichloropropane	9.618	63	59147	21.993	ug/l	100
46) Dibromomethane	9.706	93	42101	22.194	ug/l	98
47) Bromodichloromethane	9.888	83	89090	21.952	ug/l	94
48) Methyl methacrylate	9.677	41	50389	23.718	ug/l	95
49) 1,4-Dioxane	9.694	88	26249	649.723	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	373829	135.539	ug/l	98
52) Toluene	10.629	92	146844	22.484	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83747	22.316	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	92556	22.491	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	60167	23.171	ug/l	97
56) Ethyl methacrylate	10.871	69	83526	24.021	ug/l	94
57) 1,3-Dichloropropane	11.159	76	99189	22.883	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	156954	125.168	ug/l	98
59) 2-Hexanone	11.194	43	269806	142.197	ug/l	97
60) Dibromochloromethane	11.359	129	71996	23.811	ug/l	99
61) 1,2-Dibromoethane	11.471	107	58510	23.848	ug/l	100
64) Tetrachloroethene	11.100	164	51698	19.977	ug/l	96
65) Chlorobenzene	11.888	112	161865	21.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	60800	22.104	ug/l	99
67) Ethyl Benzene	11.965	91	252524	21.066	ug/l	99
68) m/p-Xylenes	12.071	106	205037	45.030	ug/l	99
69) o-Xylene	12.394	106	95435	22.056	ug/l	99
70) Styrene	12.412	104	167610	22.298	ug/l	100
71) Bromoform	12.576	173	50566	24.741	ug/l #	97
73) Isopropylbenzene	12.694	105	233557	19.842	ug/l	99
74) N-amyl acetate	12.494	43	91979	22.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	91325	22.547	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	73845m	19.349	ug/l	
77) Bromobenzene	12.976	156	65002	20.440	ug/l	93
78) n-propylbenzene	13.035	91	281914	20.913	ug/l	100
79) 2-Chlorotoluene	13.123	91	183470	20.370	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	207931	21.685	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	30187m	23.078	ug/l	
82) 4-Chlorotoluene	13.218	91	188247	21.083	ug/l	100
83) tert-Butylbenzene	13.435	119	160596	19.917	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	206876	21.807	ug/l	100
85) sec-Butylbenzene	13.618	105	231402	20.312	ug/l	98
86) p-Isopropyltoluene	13.729	119	193157	19.816	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	121843	20.450	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	124808	20.438	ug/l	99
89) n-Butylbenzene	14.053	91	149026	18.425	ug/l	99
90) Hexachloroethane	14.335	117	42150	19.536	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	118607	20.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16811	22.602	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	53352	19.542	ug/l	100
94) Hexachlorobutadiene	15.500	225	30618	18.453	ug/l	98
95) Naphthalene	15.641	128	153248	20.446	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	54499	19.884	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
Data File : VN085884.D
Acq On : 27 Feb 2025 12:51
Operator : JC\MD
Sample : VN0227WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 01:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

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

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

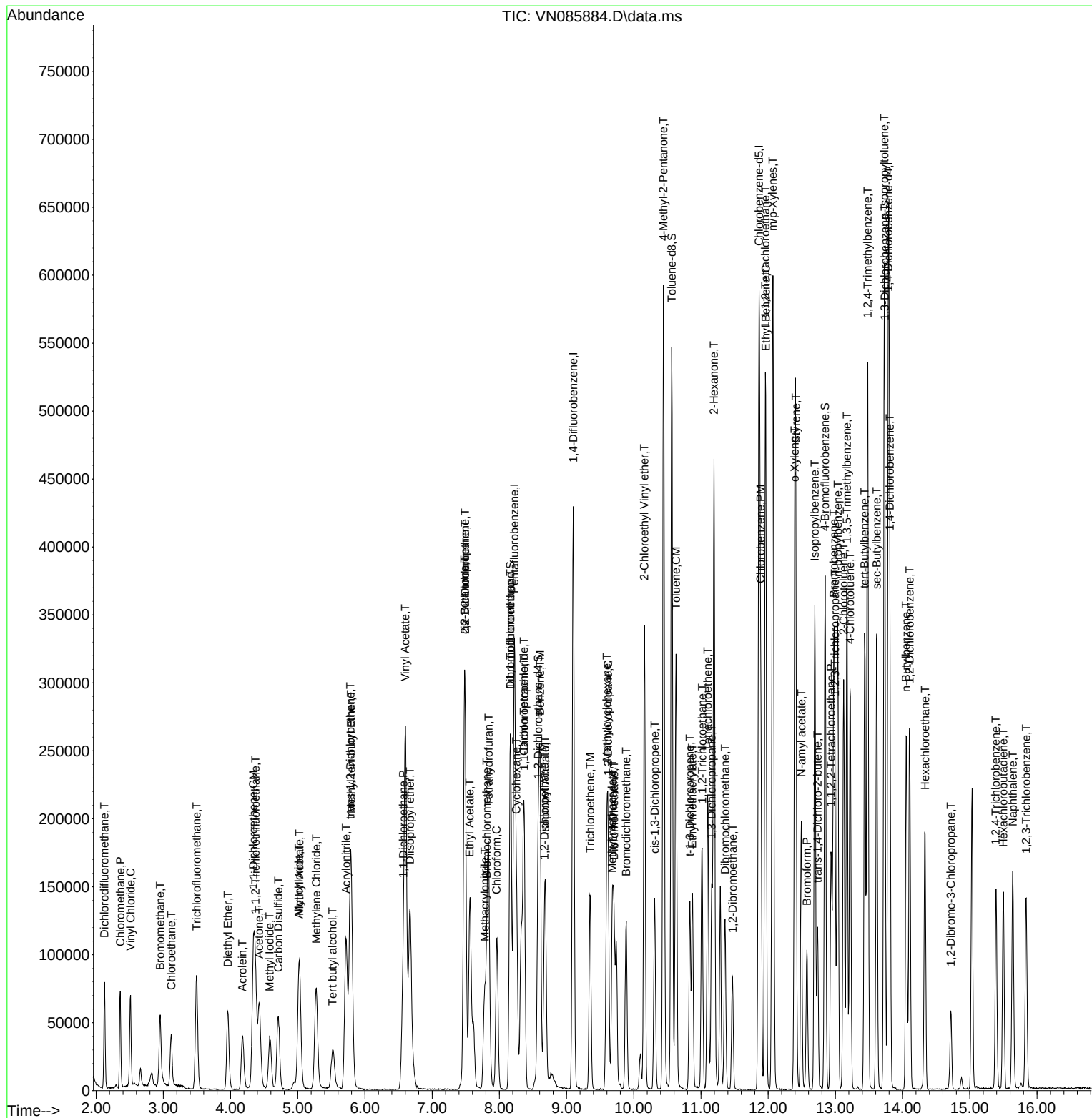
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085884.D
 Acq On : 27 Feb 2025 12:51
 Operator : JC\MD
 Sample : VN0227WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

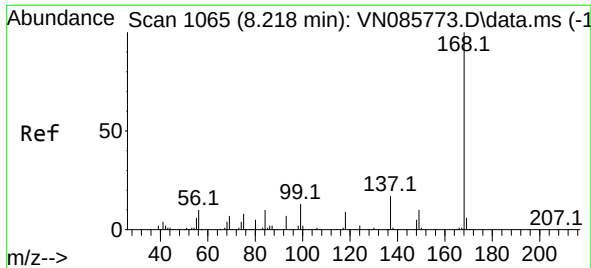
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

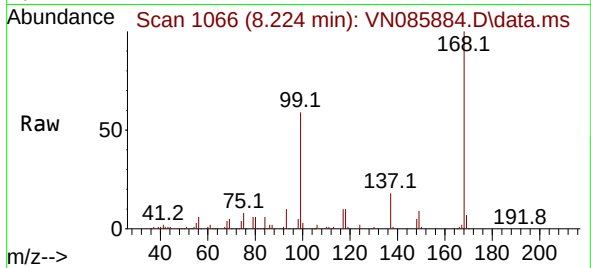
Quant Time: Feb 28 01:57:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

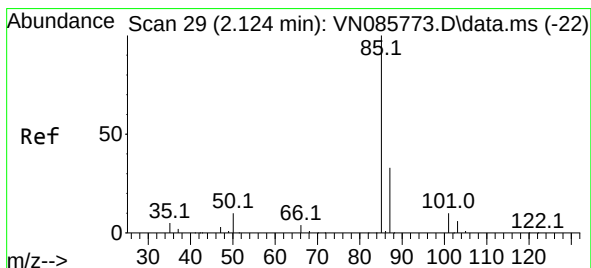
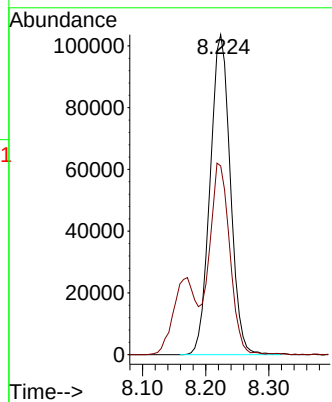
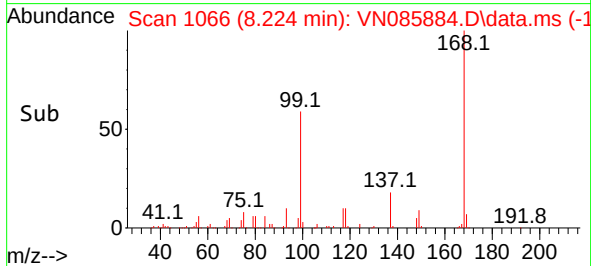
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion:168 Resp: 230188
Ion Ratio Lower Upper
168 100
99 58.7 47.9 71.9

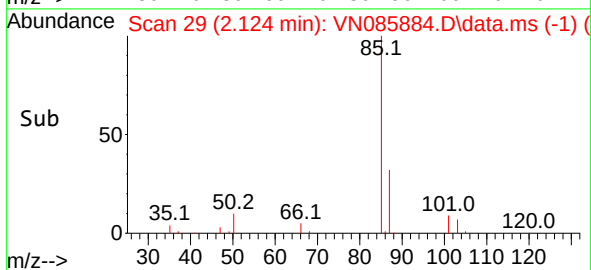
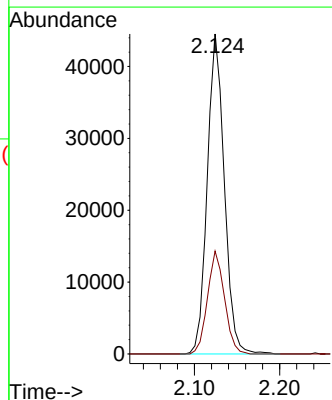
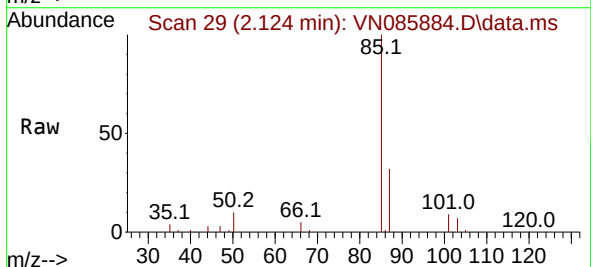
Manual Integrations
APPROVED

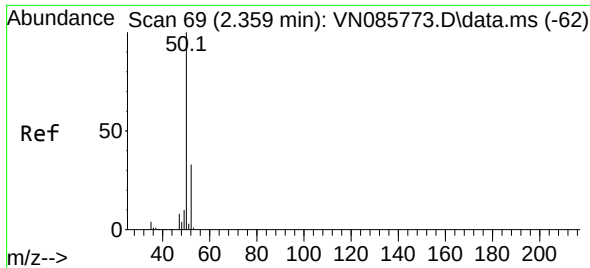
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#2
Dichlorodifluoromethane
Concen: 19.807 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

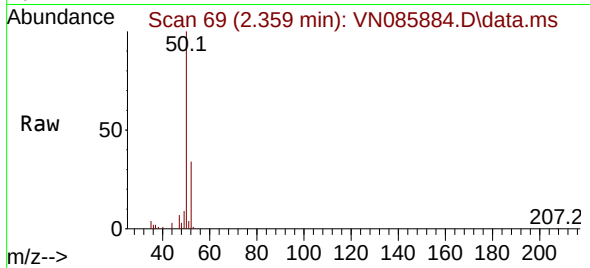
Tgt Ion: 85 Resp: 62015
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2





#3
Chloromethane
Concen: 19.004 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

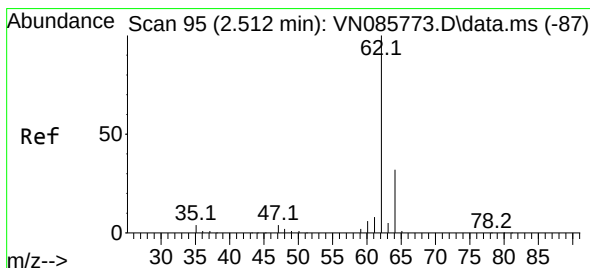
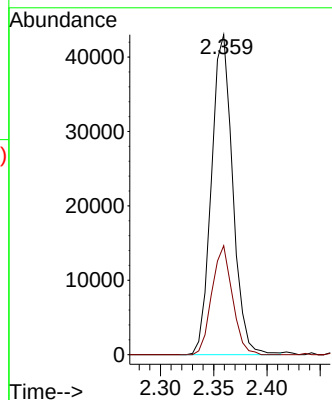
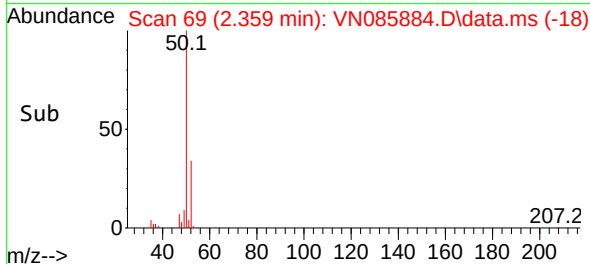
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 50 Resp: 59700
Ion Ratio Lower Upper
50 100
52 34.0 26.7 40.1

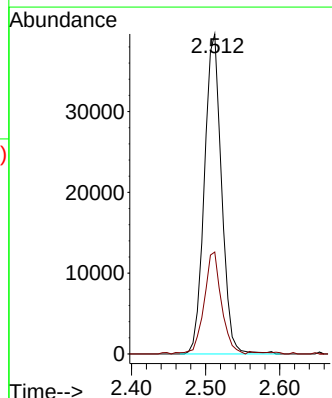
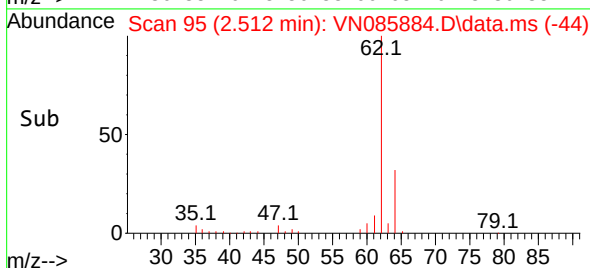
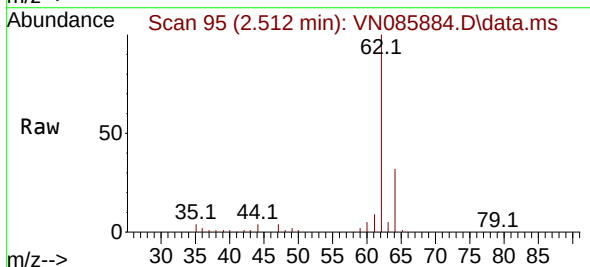
Manual Integrations
APPROVED

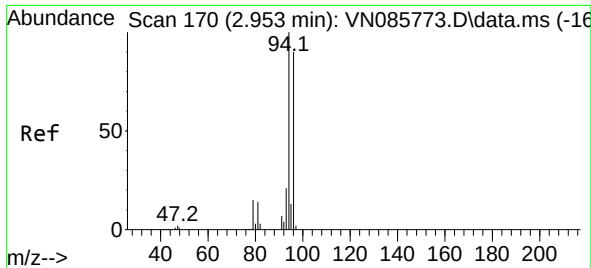
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 19.149 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

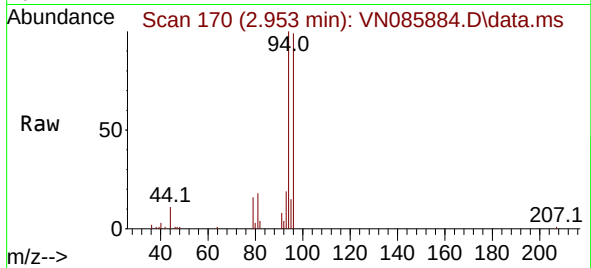
Tgt Ion: 62 Resp: 63702
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9





#5
Bromomethane
Concen: 18.554 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

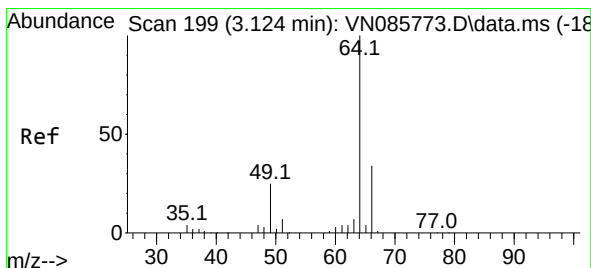
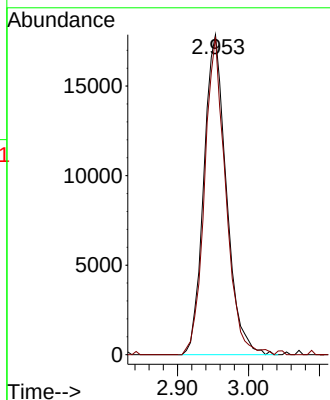
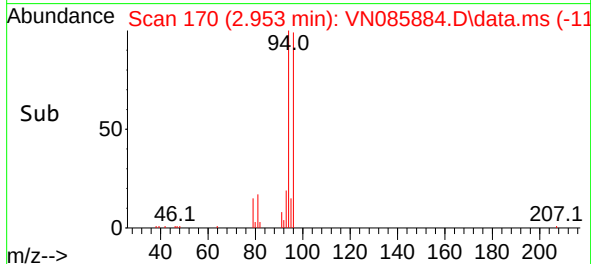
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



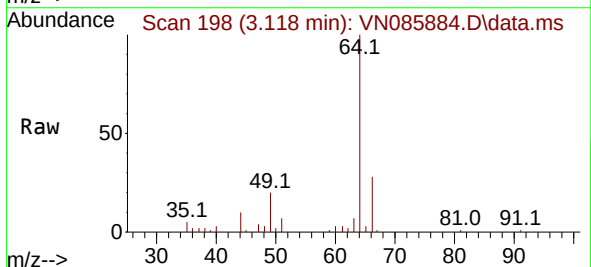
Tgt Ion: 94 Resp: 3946
Ion Ratio Lower Upper
94 100
96 99.4 71.7 107.5

Manual Integrations
APPROVED

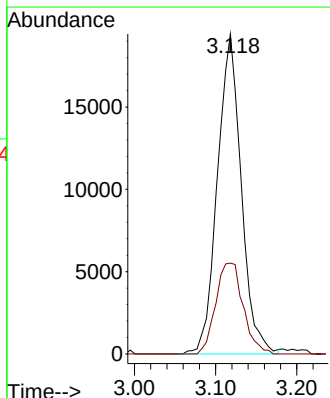
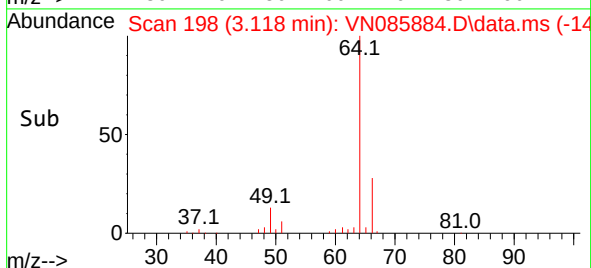
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

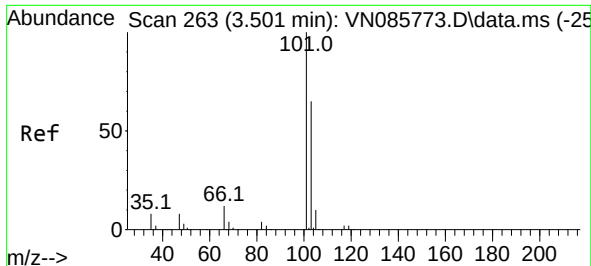


#6
Chloroethane
Concen: 18.014 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



Tgt Ion: 64 Resp: 39693
Ion Ratio Lower Upper
64 100
66 28.4 27.0 40.6





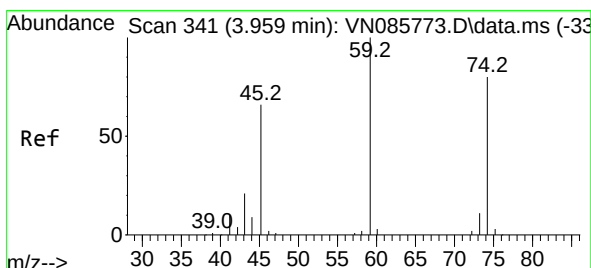
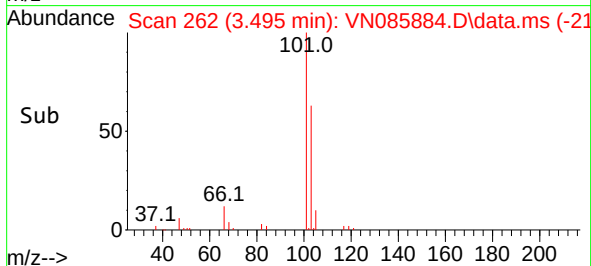
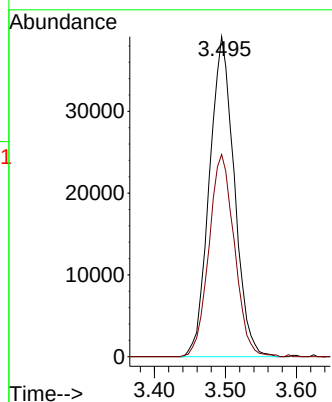
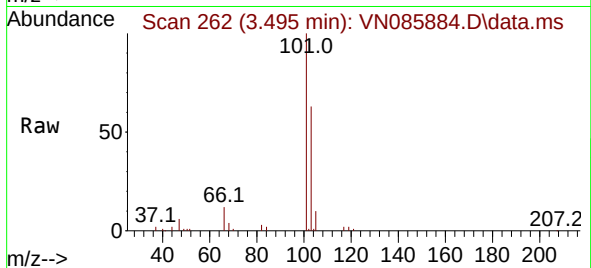
#7
Trichlorofluoromethane
Concen: 19.743 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:101 Resp: 9509
Ion Ratio Lower Upper
101 100
103 63.2 52.2 78.4

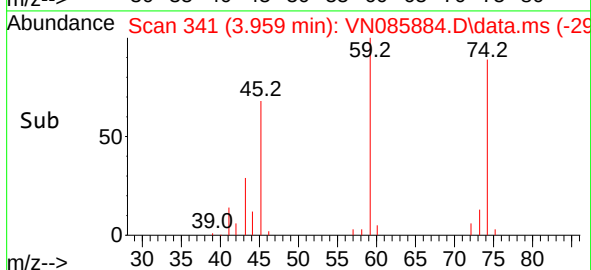
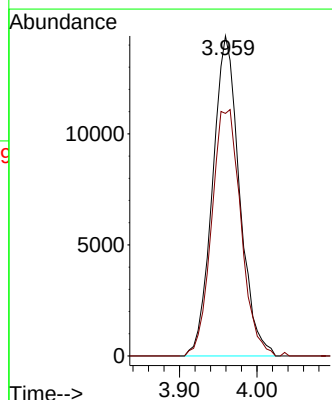
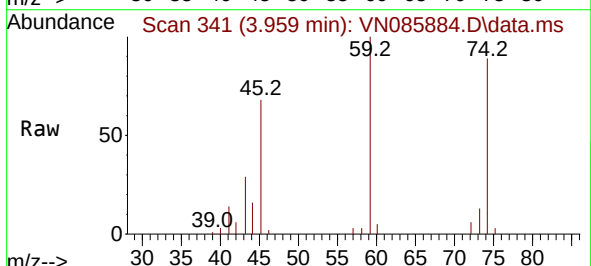
Manual Integrations
APPROVED

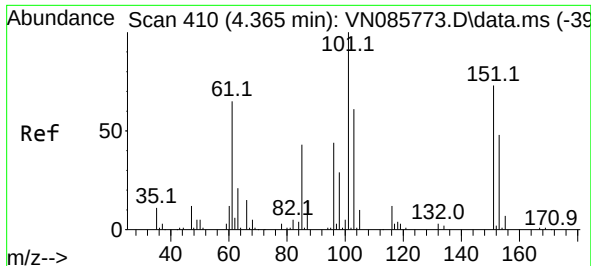
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#8
Diethyl Ether
Concen: 22.351 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion: 74 Resp: 34831
Ion Ratio Lower Upper
74 100
45 83.7 42.5 127.6





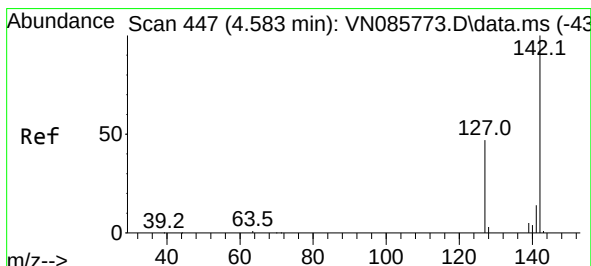
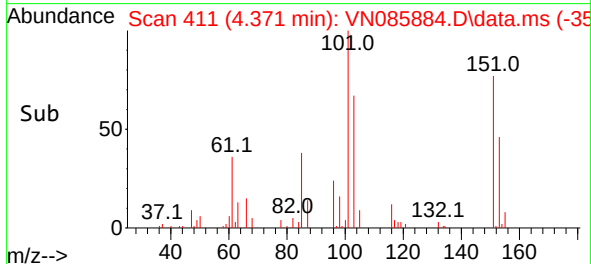
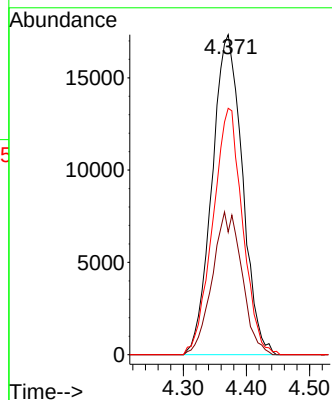
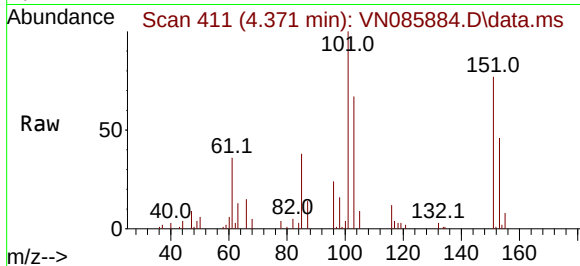
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.754 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:101 Resp: 5778
Ion Ratio Lower Upper
101 100
85 43.7 35.7 53.5
151 75.8 61.4 92.2

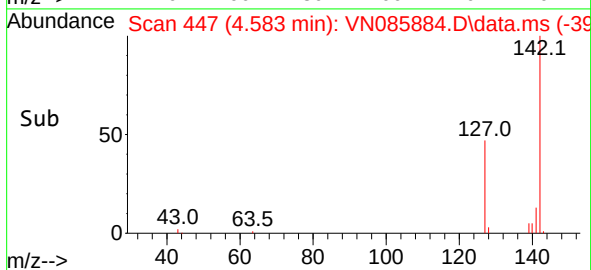
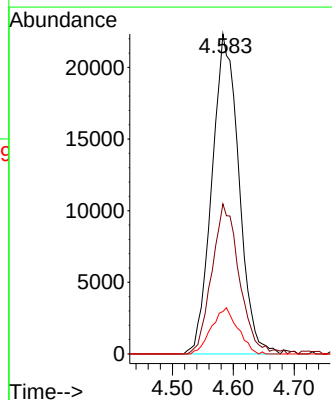
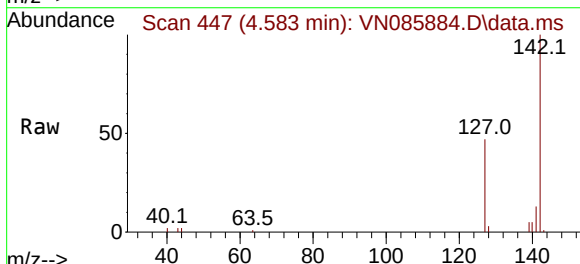
Manual Integrations
APPROVED

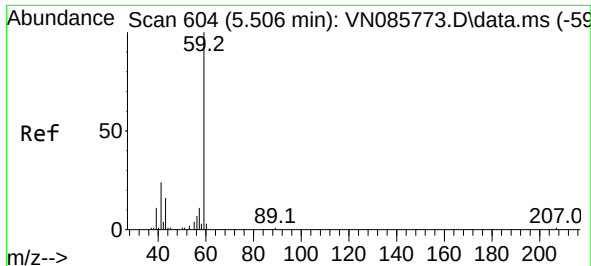
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#10
Methyl Iodide
Concen: 19.977 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion:142 Resp: 68557
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 13.3 11.4 17.2





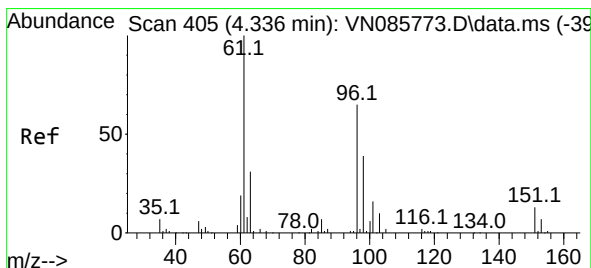
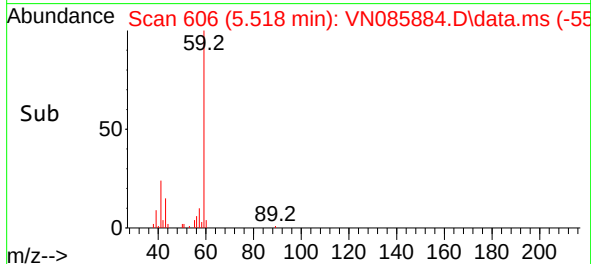
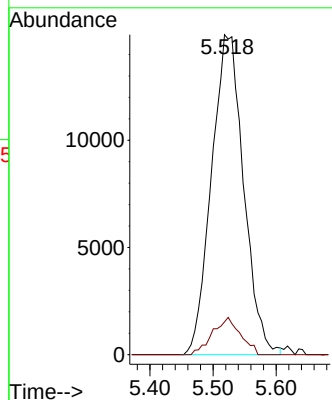
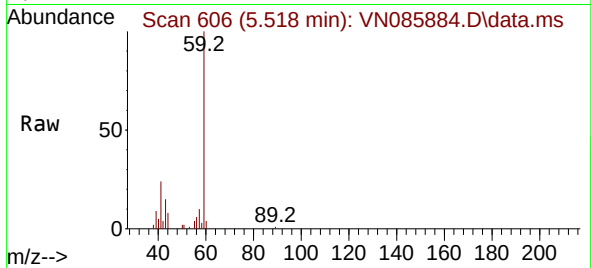
#11
Tert butyl alcohol
Concen: 143.782 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 59 Resp: 52775
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

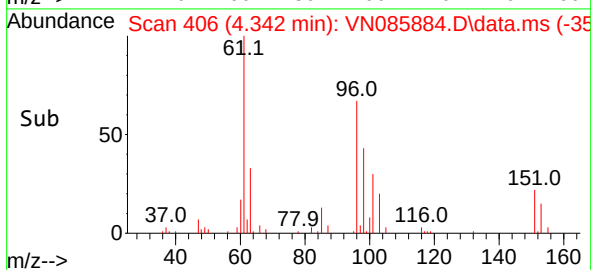
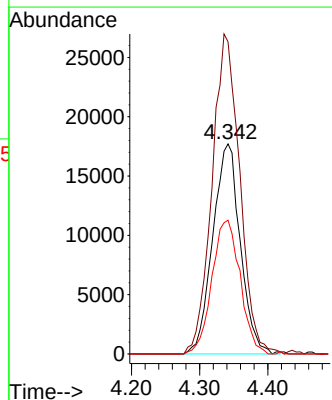
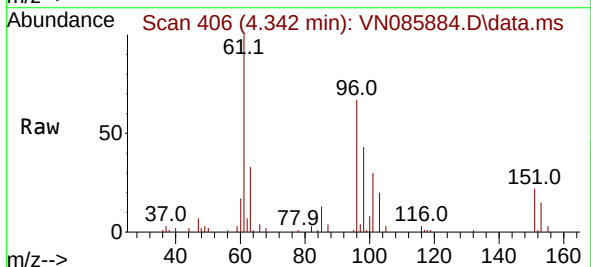
Manual Integrations
APPROVED

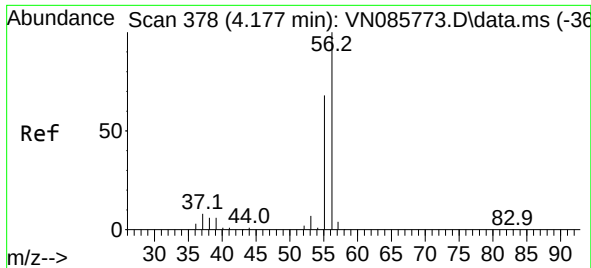
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#12
1,1-Dichloroethene
Concen: 19.692 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion: 96 Resp: 49709
Ion Ratio Lower Upper
96 100
61 148.7 123.3 184.9
98 63.7 48.6 72.8





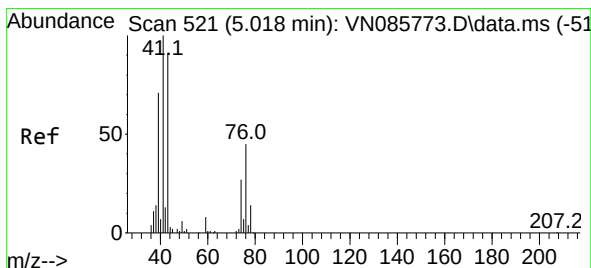
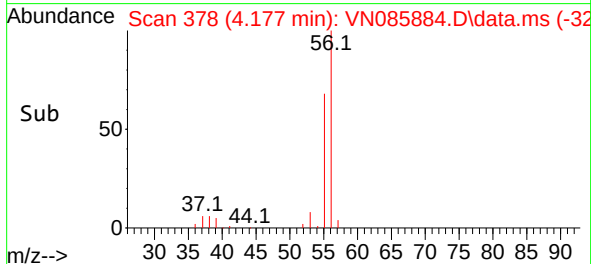
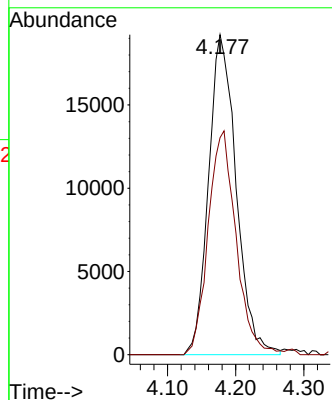
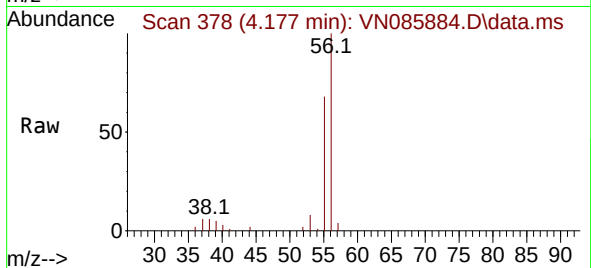
#13
Acrolein
Concen: 99.614 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 56 Resp: 5422
Ion Ratio Lower Upper
56 100
55 70.6 55.3 82.9

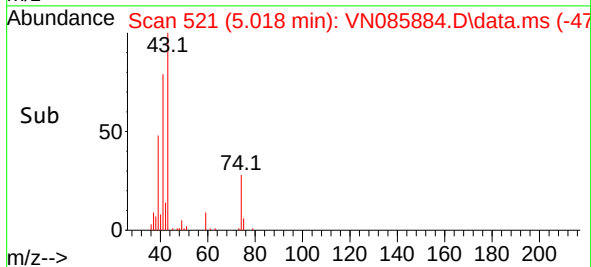
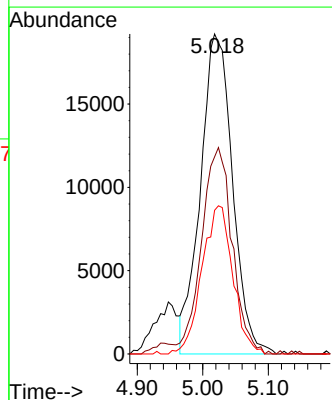
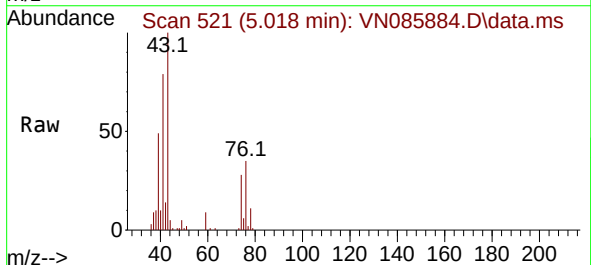
Manual Integrations
APPROVED

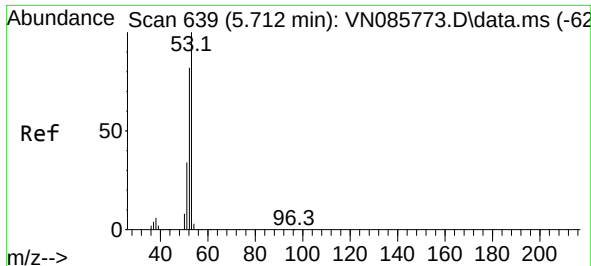
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#14
Allyl chloride
Concen: 19.724 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

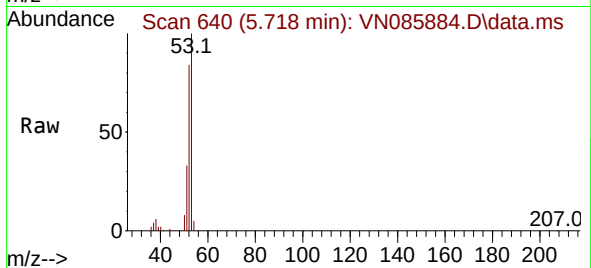
Tgt Ion: 41 Resp: 65369
Ion Ratio Lower Upper
41 100
39 61.7 57.4 86.2
76 44.6 36.2 54.2





#15
Acrylonitrile
Concen: 129.441 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

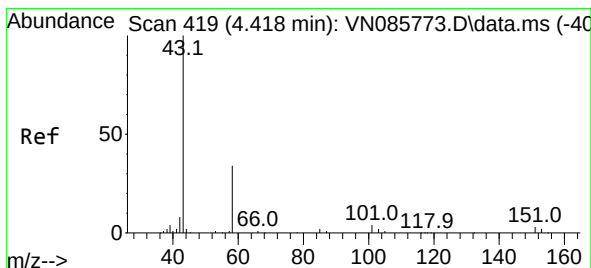
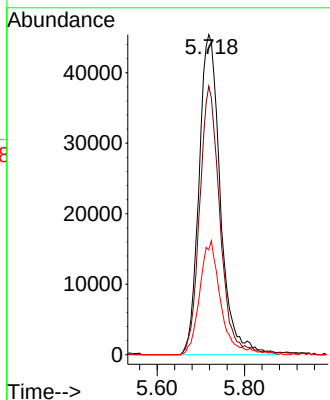
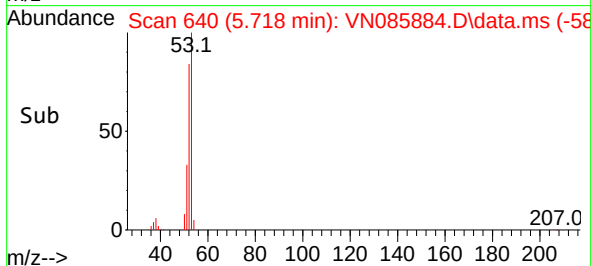
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



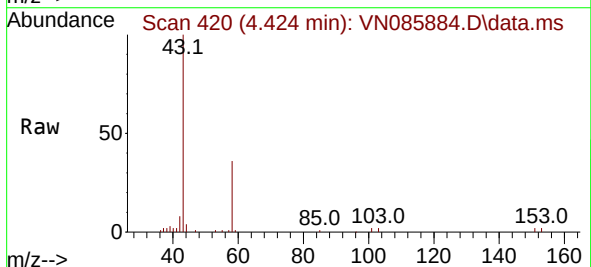
Tgt Ion: 53 Resp: 15445
Ion Ratio Lower Upper
53 100
52 79.8 65.8 98.6
51 35.2 28.6 42.8

Manual Integrations
APPROVED

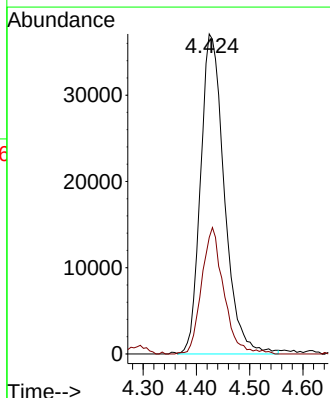
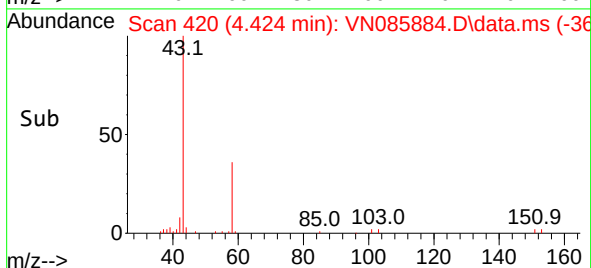
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

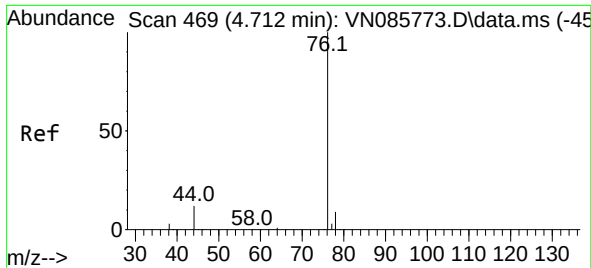


#16
Acetone
Concen: 121.749 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



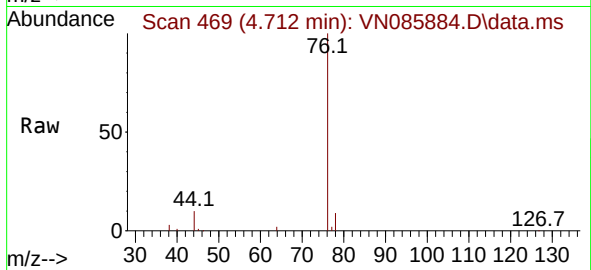
Tgt Ion: 43 Resp: 114966
Ion Ratio Lower Upper
43 100
58 36.4 27.5 41.3





#17
Carbon Disulfide
Concen: 17.441 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

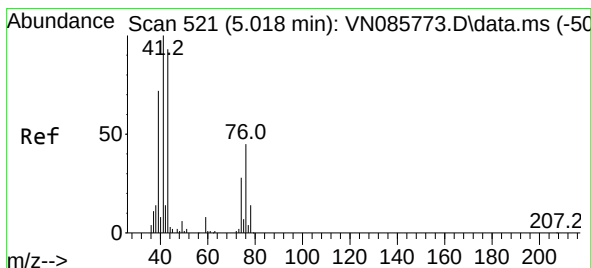
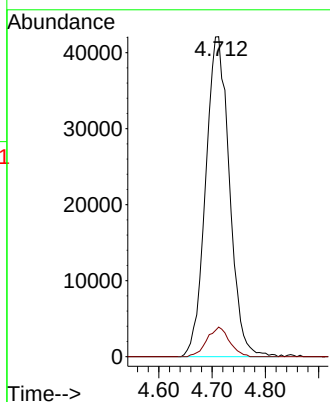
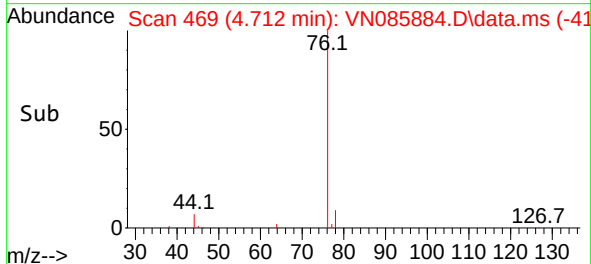
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



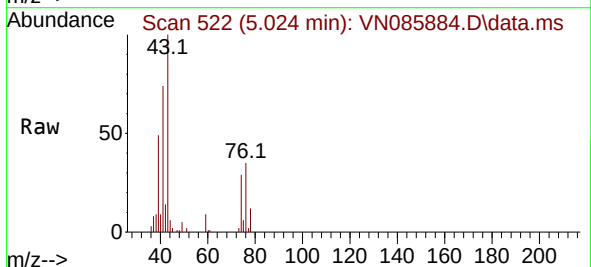
Tgt Ion: 76 Resp: 130479
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

Manual Integrations
APPROVED

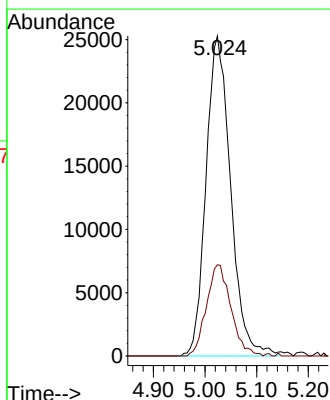
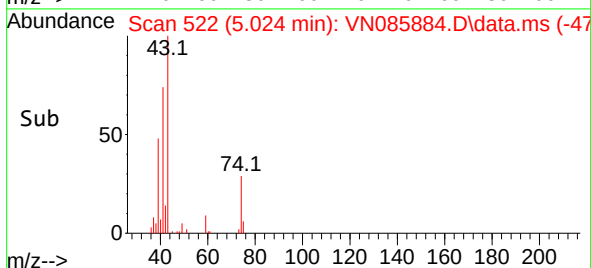
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

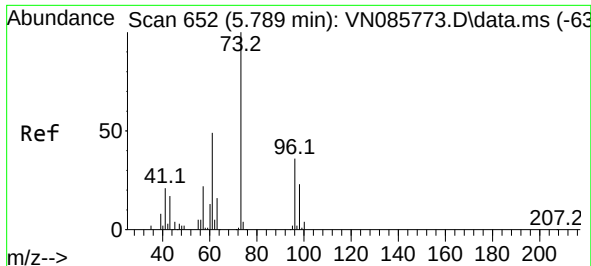


#18
Methyl Acetate
Concen: 25.710 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



Tgt Ion: 43 Resp: 83502
Ion Ratio Lower Upper
43 100
74 28.3 22.2 33.4





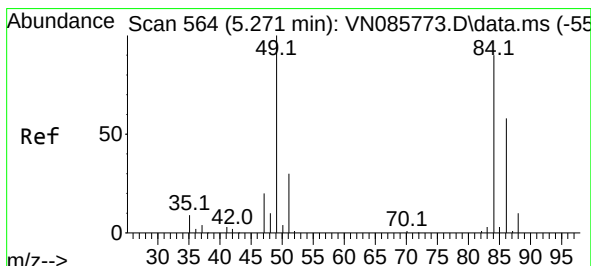
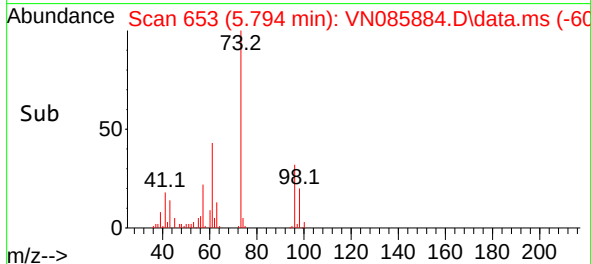
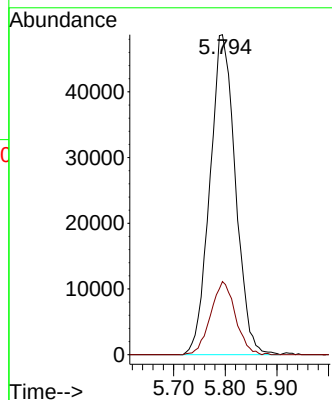
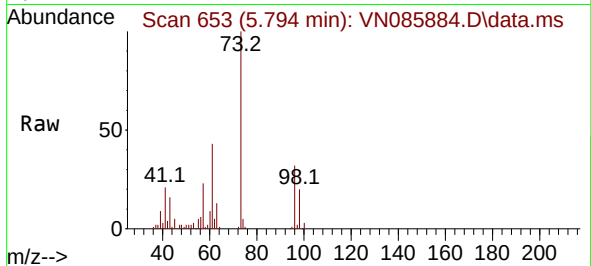
#19
Methyl tert-butyl Ether
Concen: 22.306 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 73 Resp: 167324
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

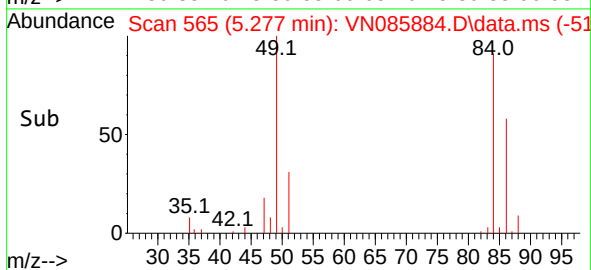
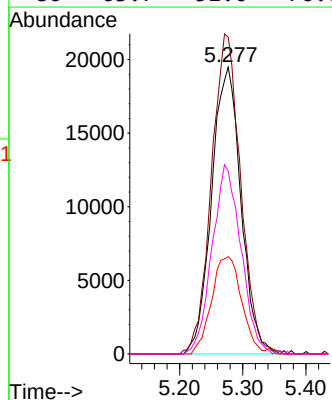
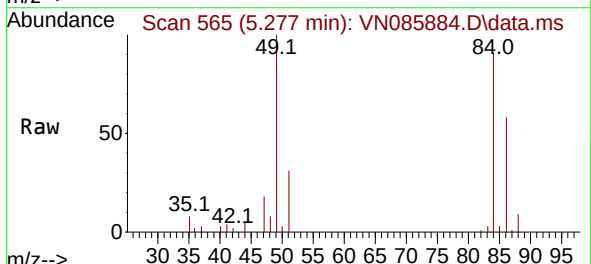
Manual Integrations
APPROVED

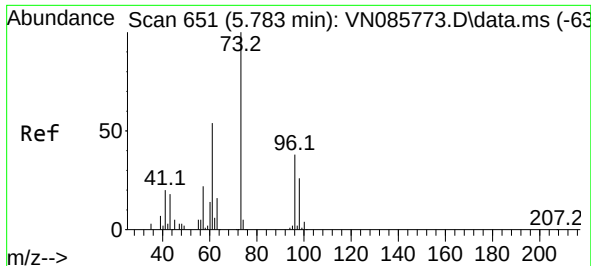
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 20.678 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

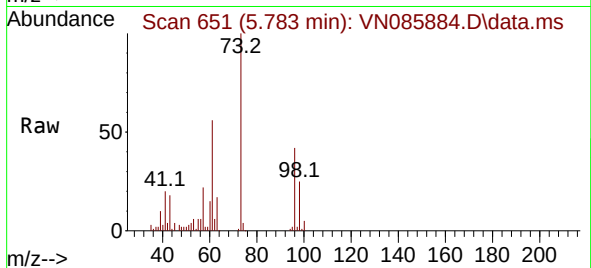
Tgt Ion: 84 Resp: 62792
Ion Ratio Lower Upper
84 100
49 110.4 88.4 132.6
51 33.9 26.6 40.0
86 63.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.359 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

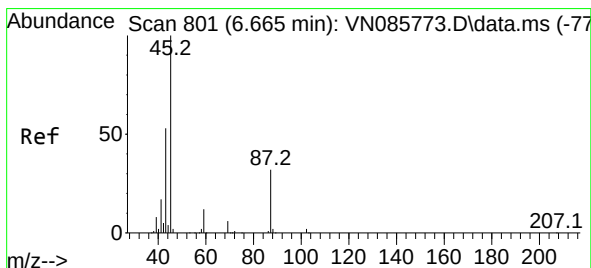
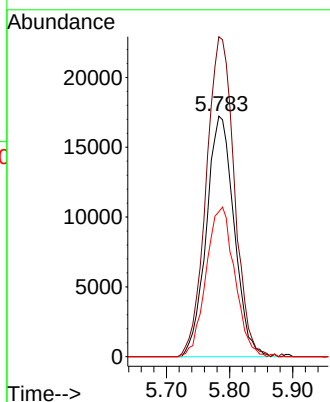
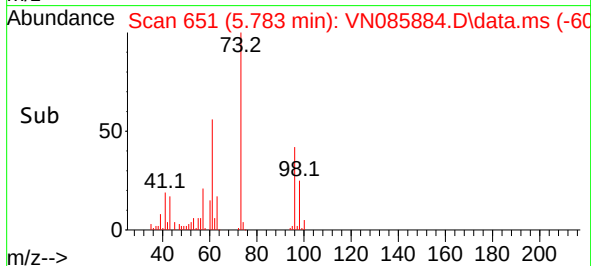
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



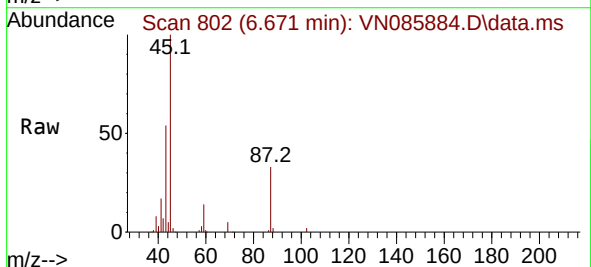
Tgt Ion: 96 Resp: 5262
Ion Ratio Lower Upper
96 100
61 133.1 112.6 168.8
98 60.3 53.3 79.9

Manual Integrations
APPROVED

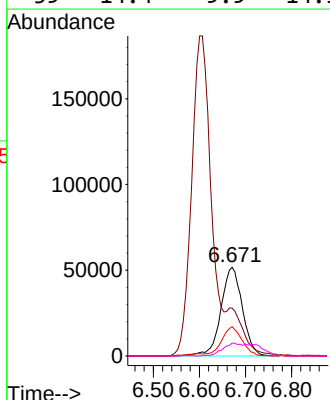
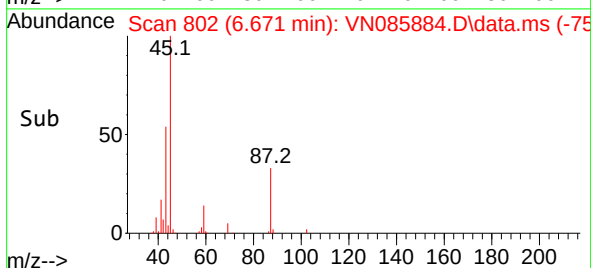
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

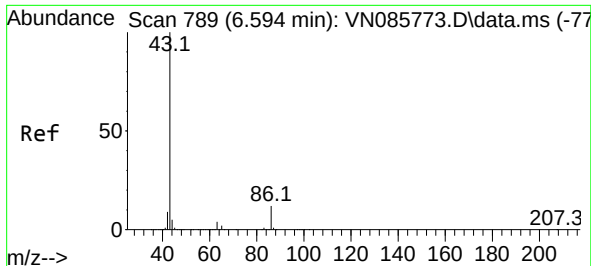


#22
Diisopropyl ether
Concen: 22.265 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



Tgt Ion: 45 Resp: 166737
Ion Ratio Lower Upper
45 100
43 52.9 42.6 64.0
87 33.1 25.8 38.8
59 14.4 9.9 14.9





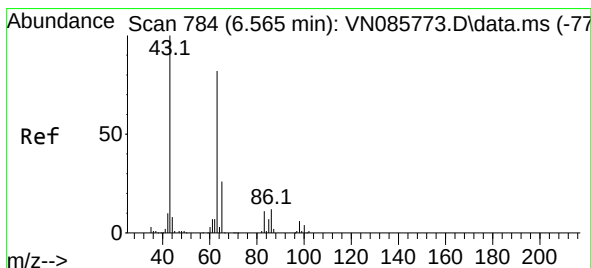
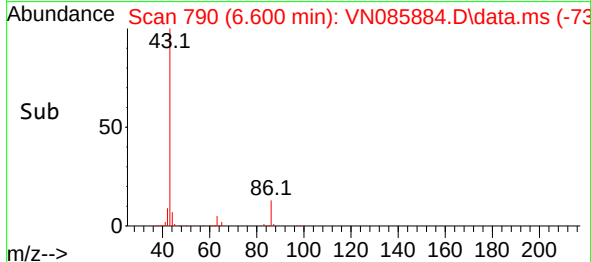
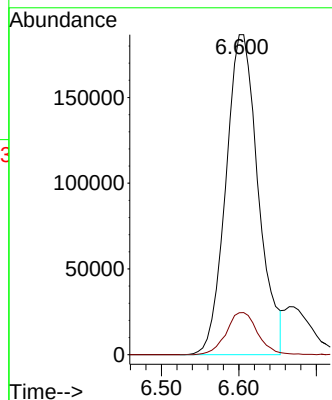
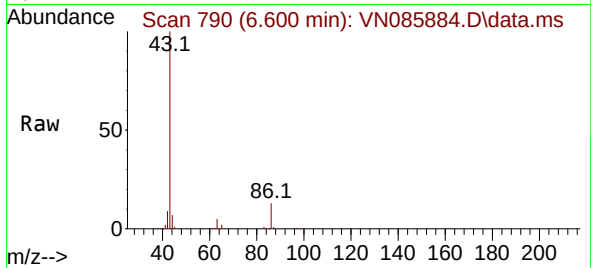
#23
 Vinyl Acetate
 Concen: 106.092 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085884.D
 Acq: 27 Feb 2025 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

Tgt Ion: 43 Resp: 54400
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.8 14.8

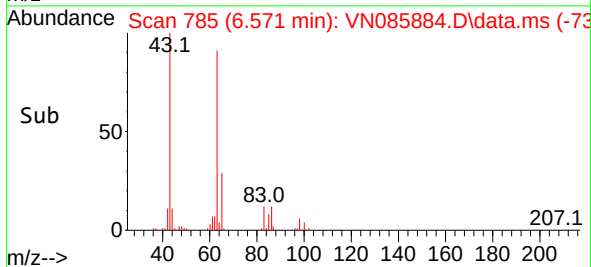
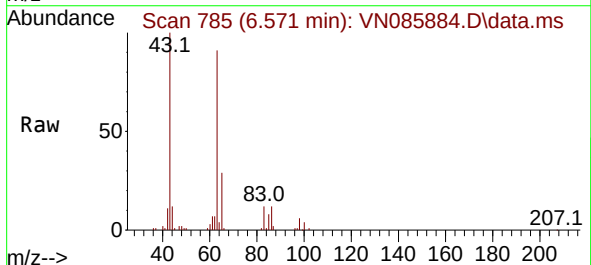
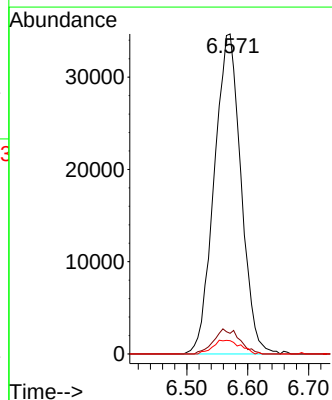
Manual Integrations
 APPROVED

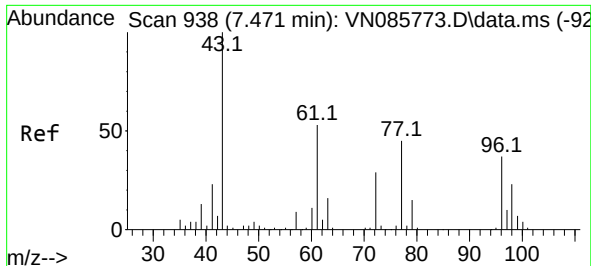
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#24
 1,1-Dichloroethane
 Concen: 20.782 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085884.D
 Acq: 27 Feb 2025 12:51

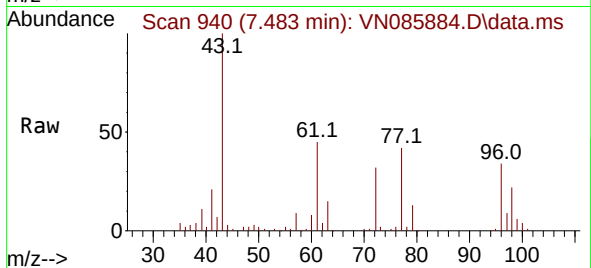
Tgt Ion: 63 Resp: 105797
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 4.1 2.4 7.2





#25
2-Butanone
Concen: 129.066 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

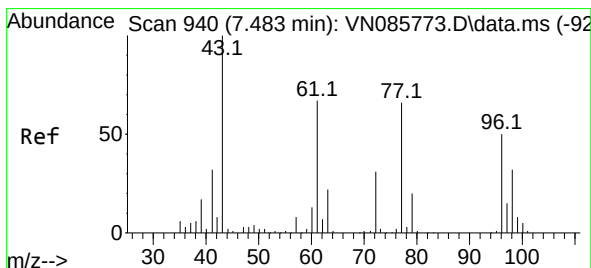
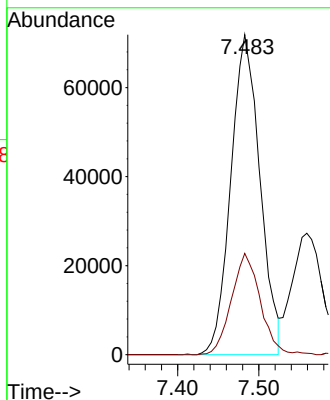
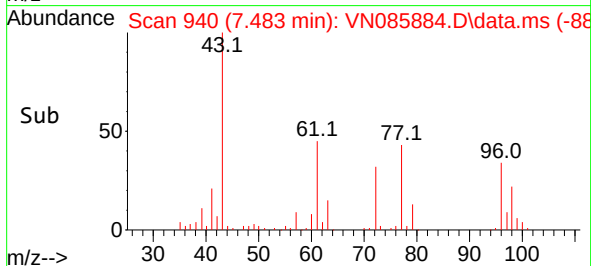
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



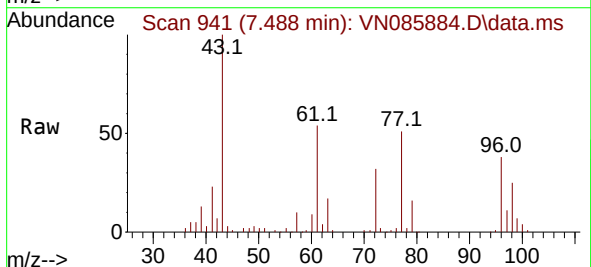
Tgt Ion: 43 Resp: 17930
Ion Ratio Lower Upper
43 100
72 31.7 23.6 35.4

Manual Integrations
APPROVED

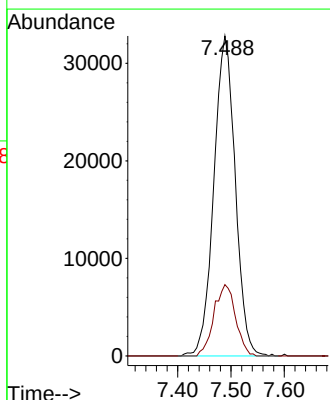
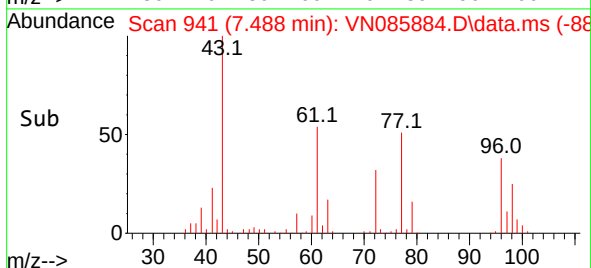
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

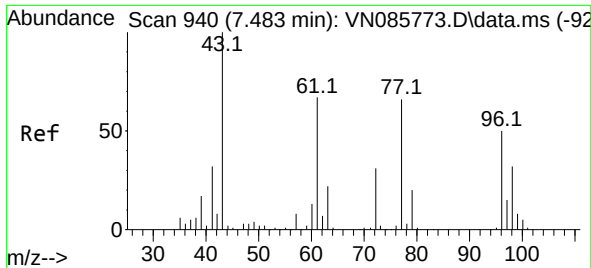


#26
2,2-Dichloropropane
Concen: 20.223 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



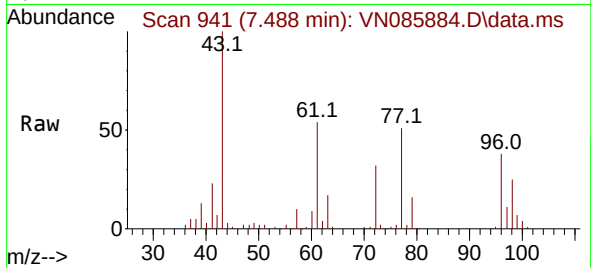
Tgt Ion: 77 Resp: 91545
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.471 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085884.D
 Acq: 27 Feb 2025 12:51

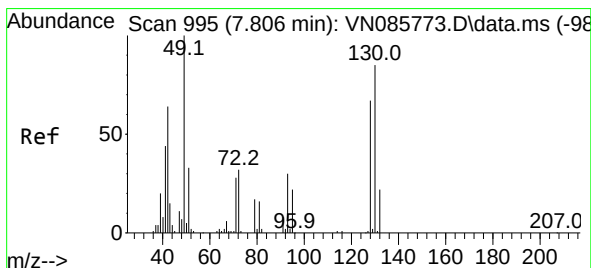
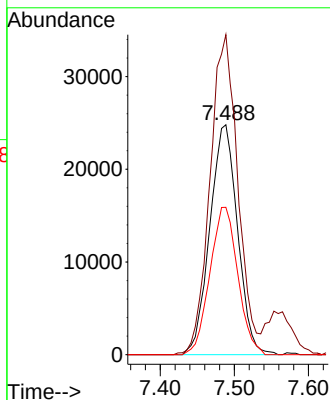
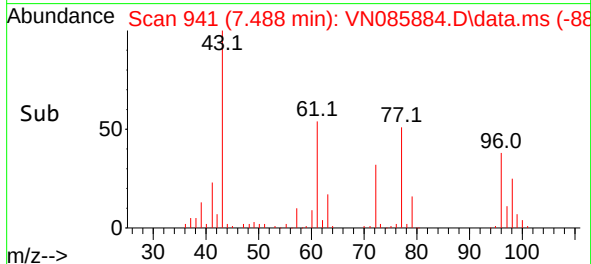
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01



Tgt Ion: 96 Resp: 64510
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 280.6
 98 64.6 0.0 128.6

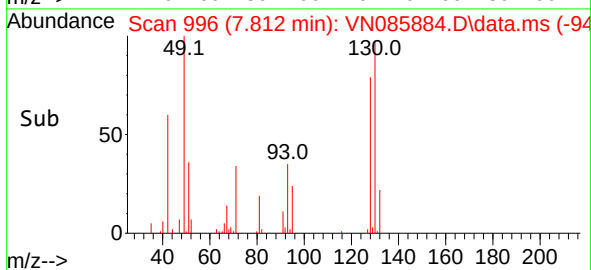
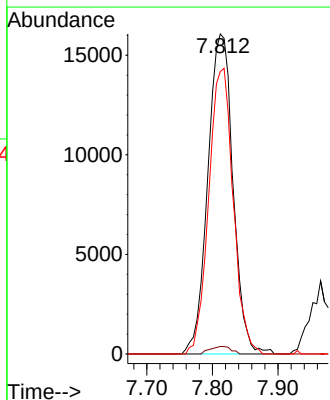
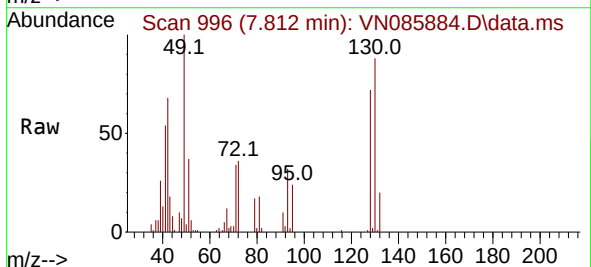
Manual Integrations
 APPROVED

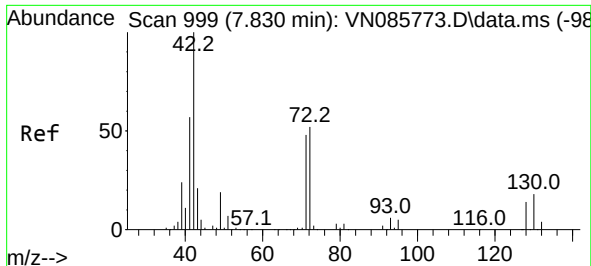
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#28
 Bromochloromethane
 Concen: 20.475 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085884.D
 Acq: 27 Feb 2025 12:51

Tgt Ion: 49 Resp: 42841
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 86.6 68.0 102.0





#29

Tetrahydrofuran

Concen: 130.717 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 42 Resp: 117264

Ion Ratio Lower Upper

42 100

72 52.3 40.0 60.0

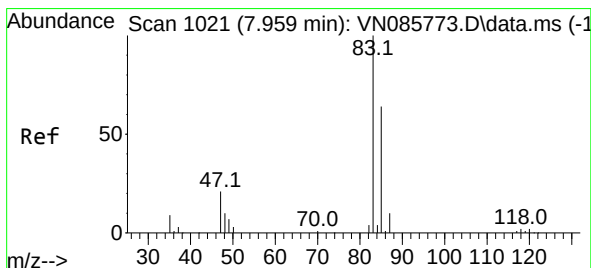
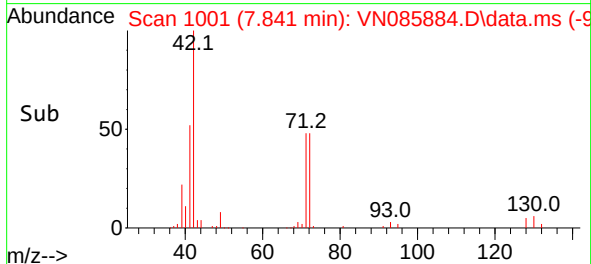
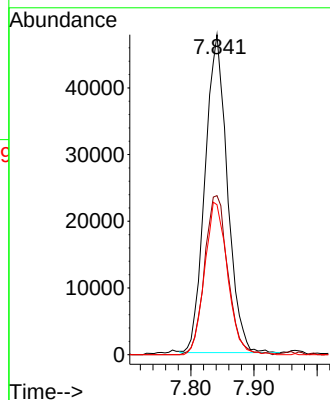
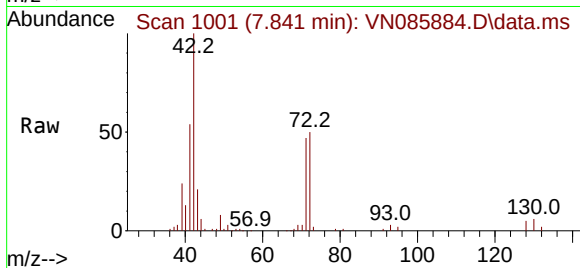
71 49.3 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 21.010 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VN085884.D

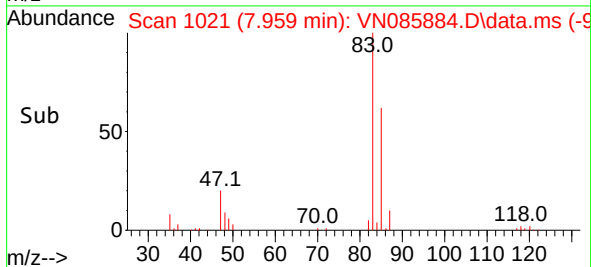
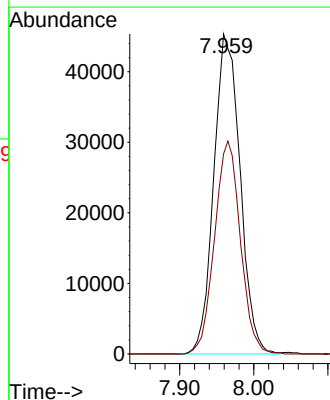
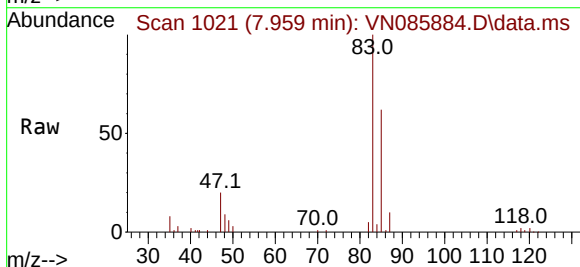
Acq: 27 Feb 2025 12:51

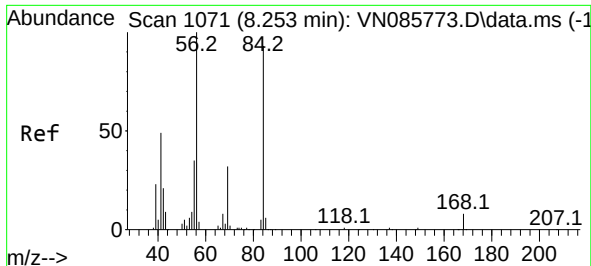
Tgt Ion: 83 Resp: 111774

Ion Ratio Lower Upper

83 100

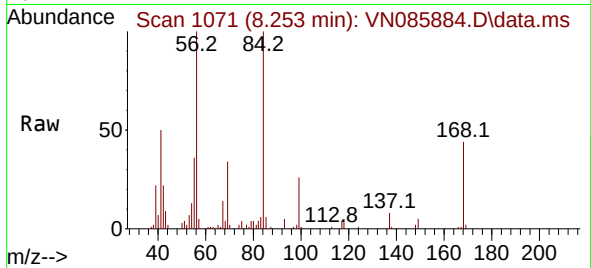
85 62.5 50.9 76.3





#31
Cyclohexane
Concen: 17.689 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

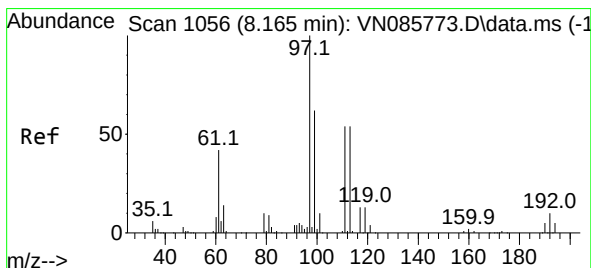
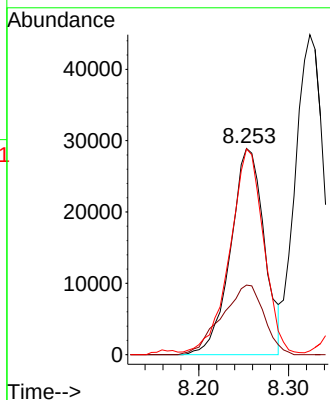
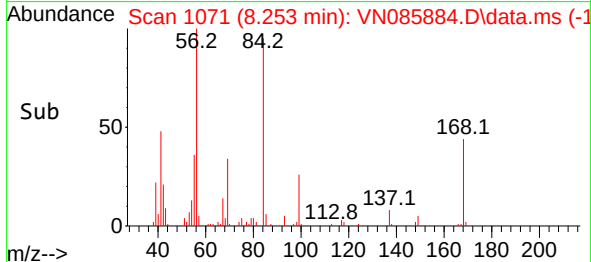
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 56 Resp: 75395
Ion Ratio Lower Upper
56 100
69 33.8 25.8 38.6
84 98.5 74.5 111.7

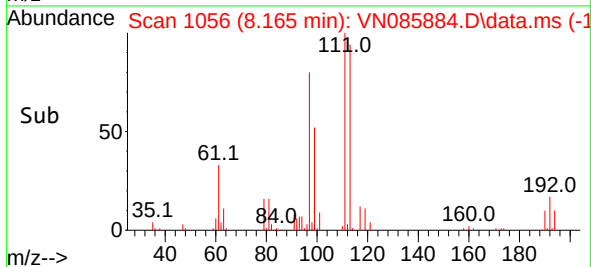
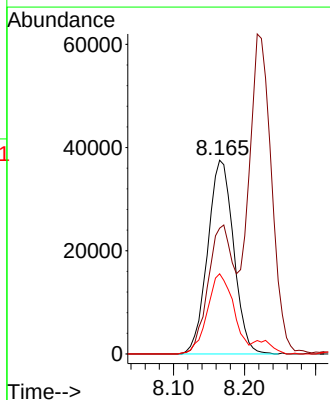
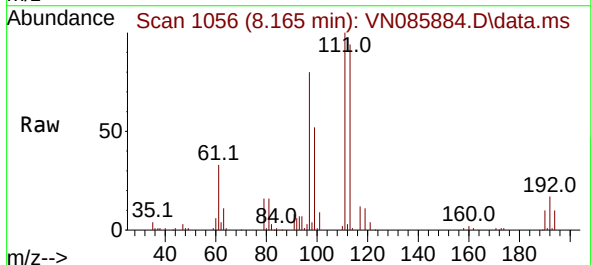
Manual Integrations
APPROVED

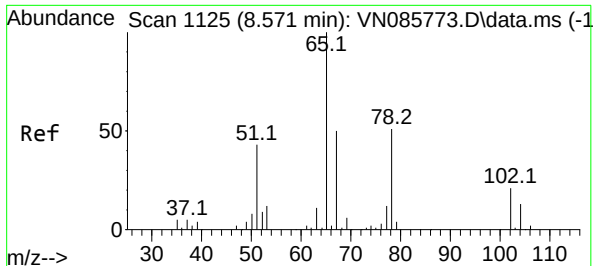
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 20.073 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion: 97 Resp: 94985
Ion Ratio Lower Upper
97 100
99 64.4 50.4 75.6
61 42.2 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 41.667 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 65 Resp: 124340

Ion Ratio Lower Upper

65 100

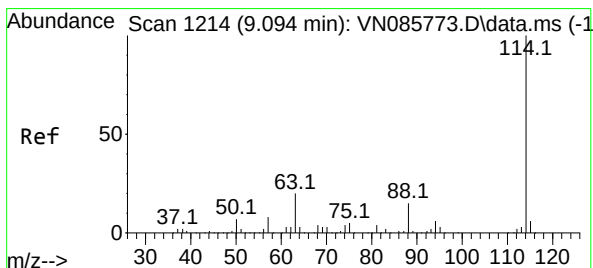
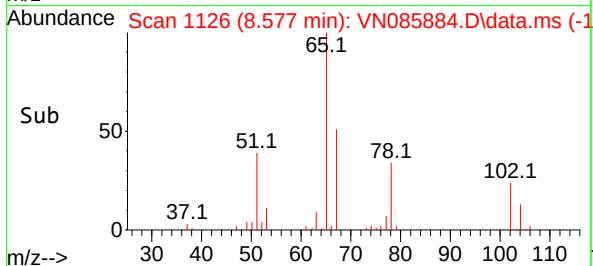
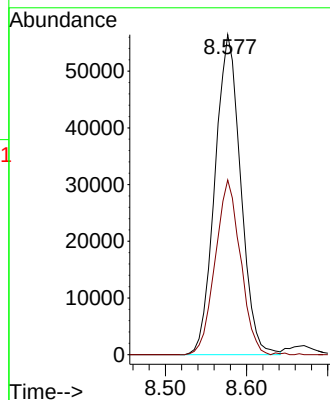
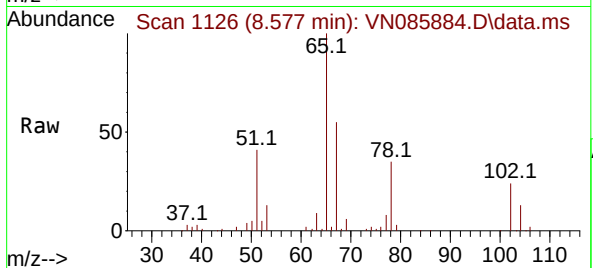
67 53.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

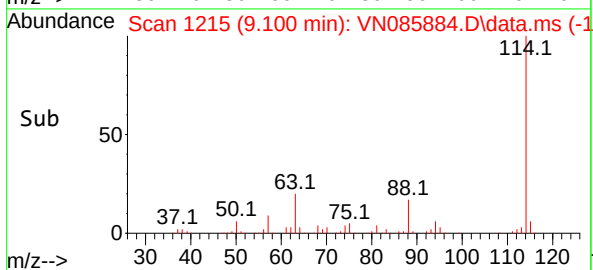
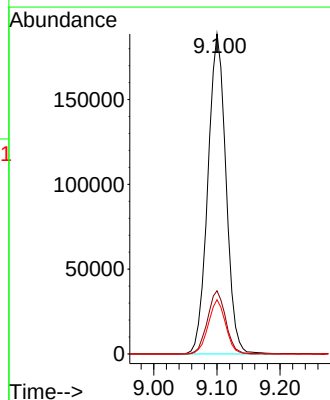
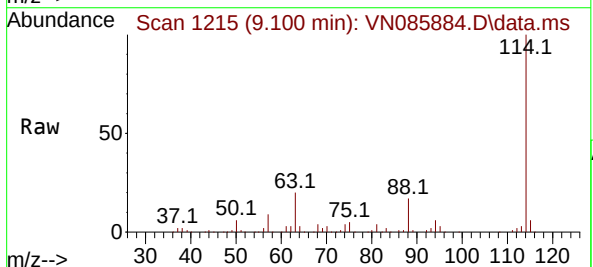
Tgt Ion:114 Resp: 375362

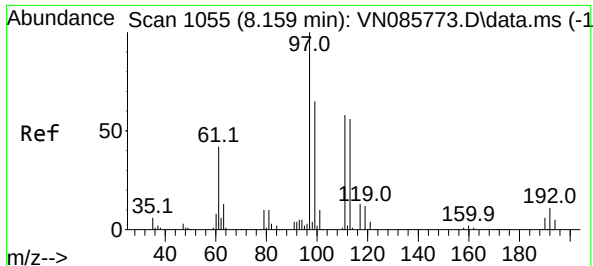
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 17.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 43.890 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion:113 Resp: 10780

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

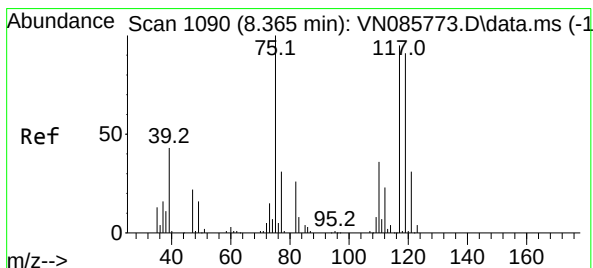
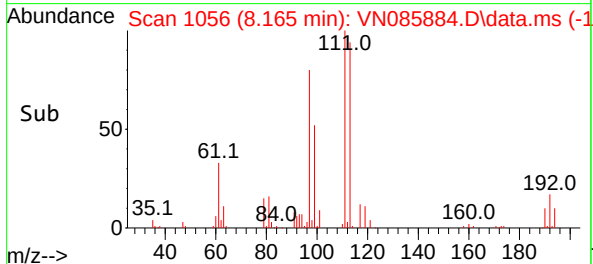
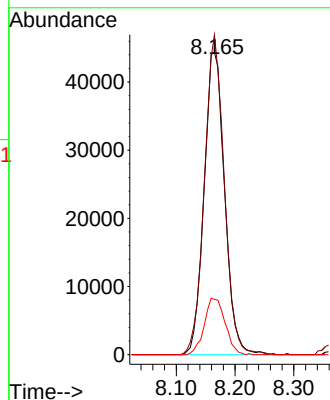
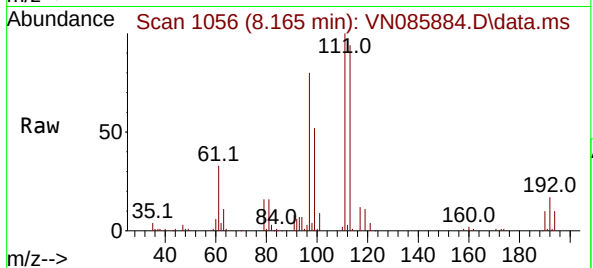
192 18.9 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#36

1,1-Dichloropropene

Concen: 20.442 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

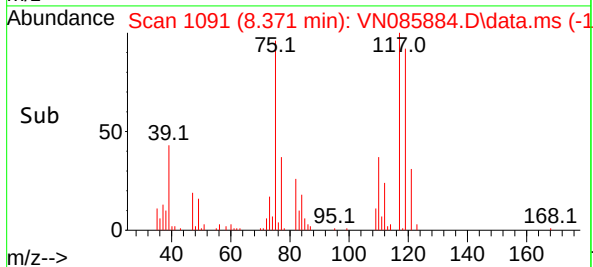
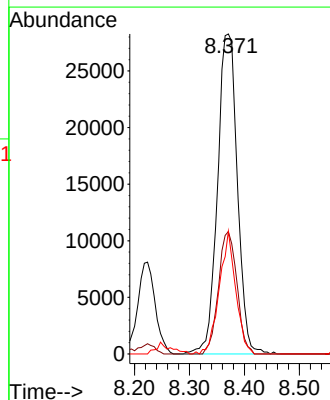
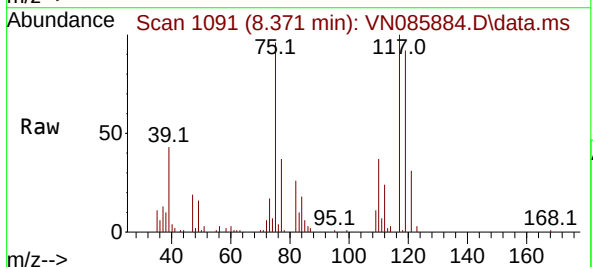
Tgt Ion: 75 Resp: 71060

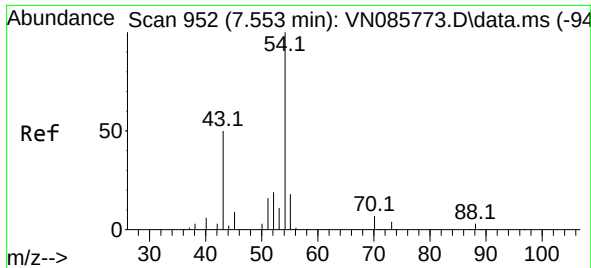
Ion Ratio Lower Upper

75 100

110 35.6 17.3 52.0

77 31.7 24.6 37.0





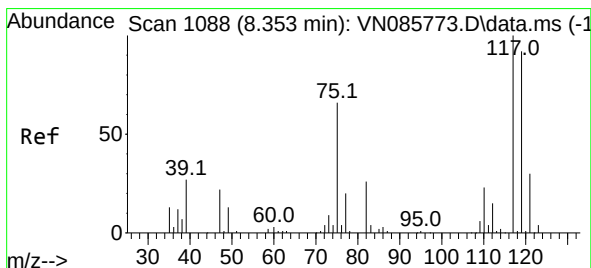
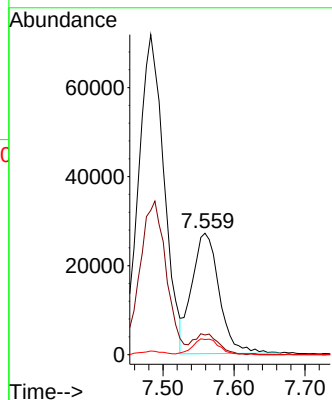
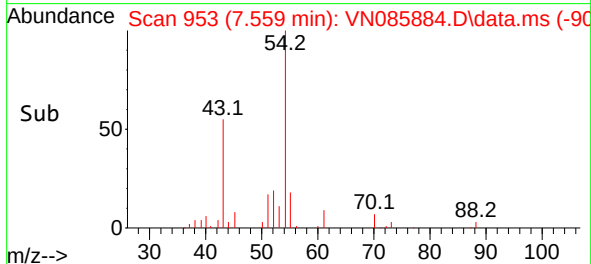
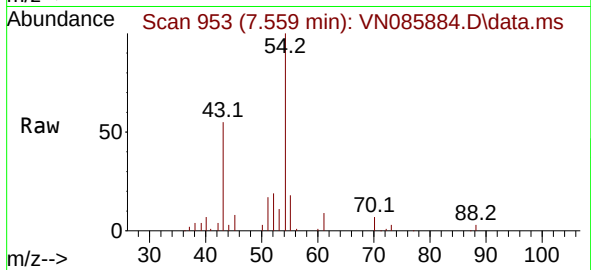
#37
Ethyl Acetate
Concen: 25.381 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 43 Resp: 72600
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.2
70 12.8 9.5 14.3

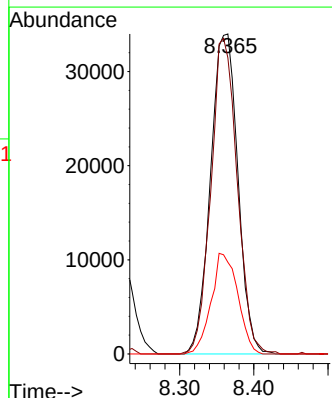
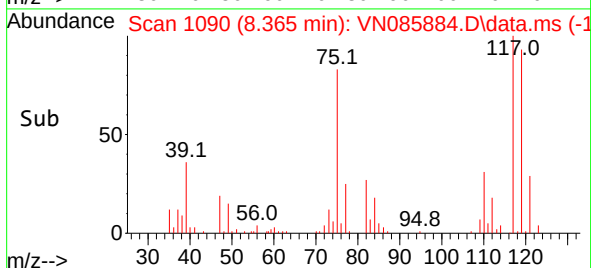
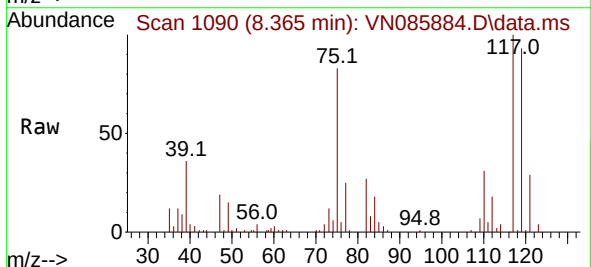
Manual Integrations
APPROVED

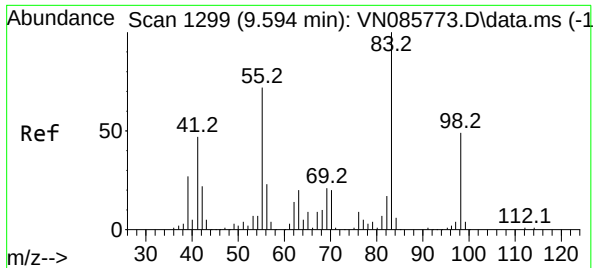
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#38
Carbon Tetrachloride
Concen: 21.078 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.012 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion:117 Resp: 87061
Ion Ratio Lower Upper
117 100
119 92.5 73.8 110.6
121 28.7 24.3 36.5





#39

Methylcyclohexane

Concen: 18.626 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 83 Resp: 63600

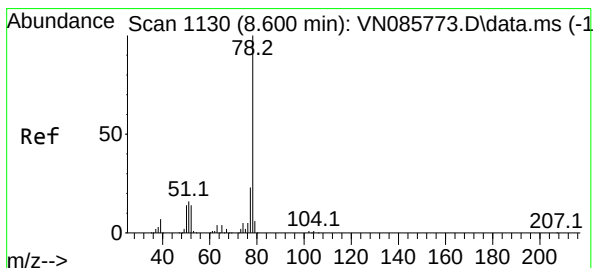
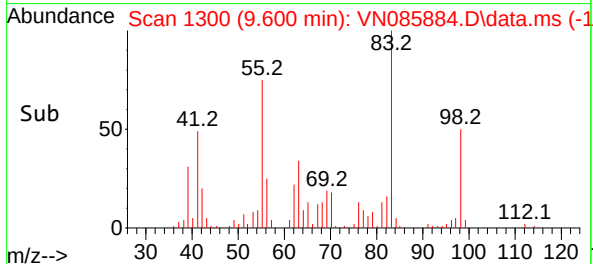
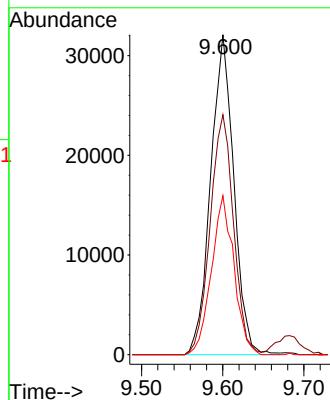
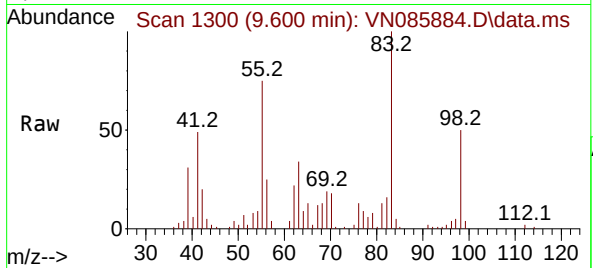
Ion	Ratio	Lower	Upper
83	100		
55	75.0	57.5	86.3
98	49.7	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 21.453 ug/l

RT: 8.606 min Scan# 1131

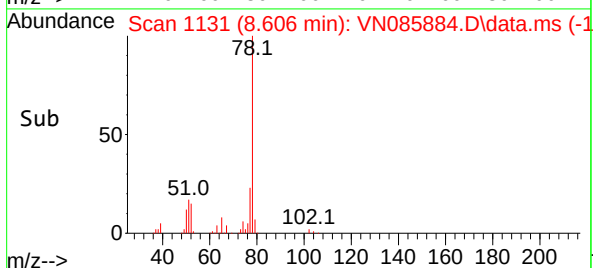
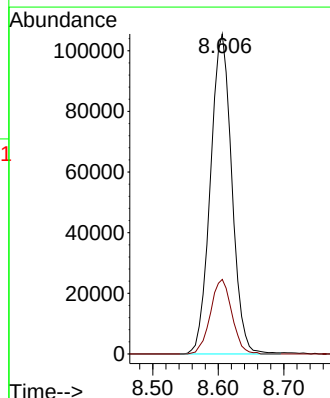
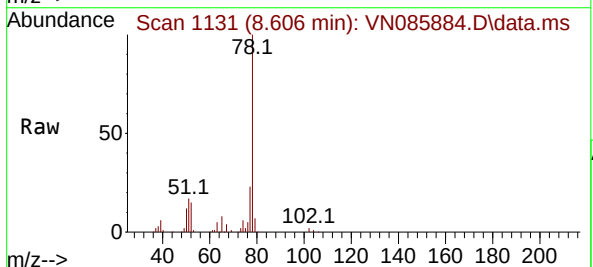
Delta R.T. 0.006 min

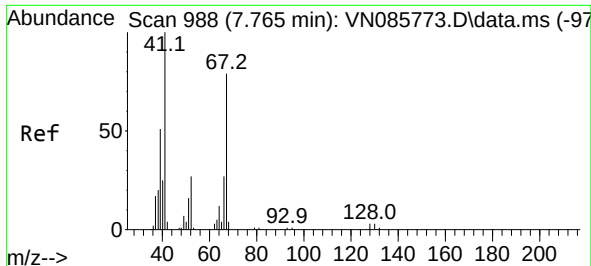
Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Tgt Ion: 78 Resp: 239019

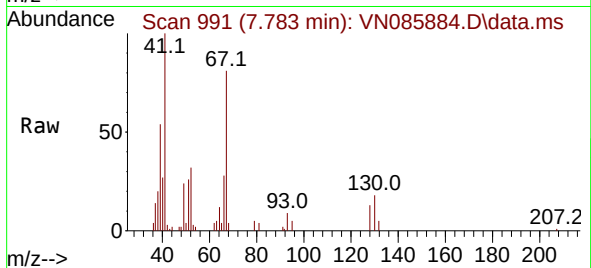
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.3	27.5





#41
Methacrylonitrile
Concen: 24.790 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.018 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

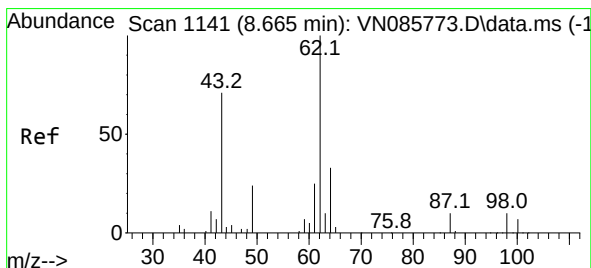
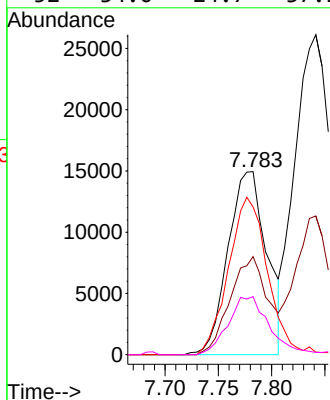
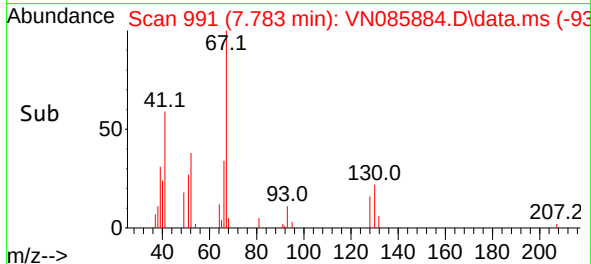
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 41 Resp: 3791
Ion Ratio Lower Upper
41 100
39 52.1 42.0 63.0
67 87.1 64.2 96.4
52 34.0 24.7 37.1

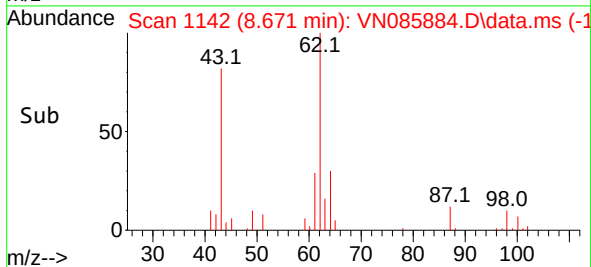
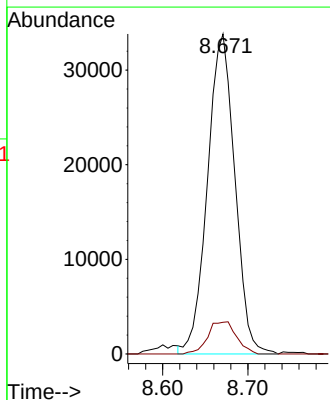
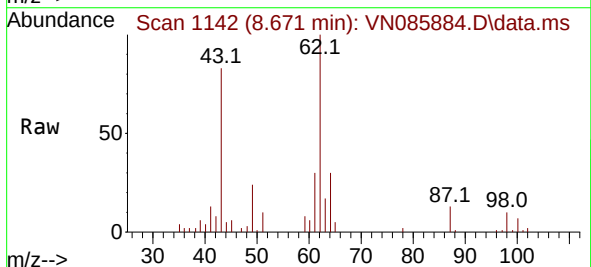
Manual Integrations
APPROVED

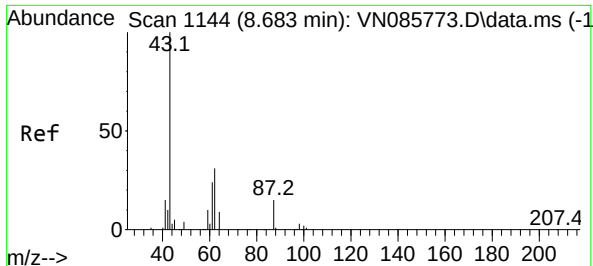
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 20.825 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

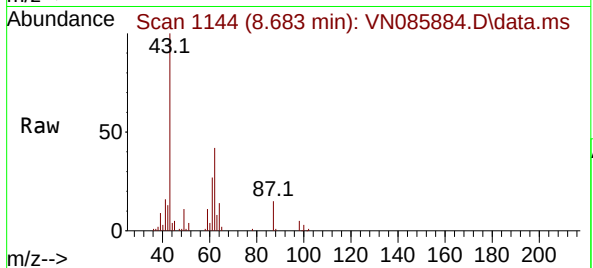
Tgt Ion: 62 Resp: 75573
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 23.093 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

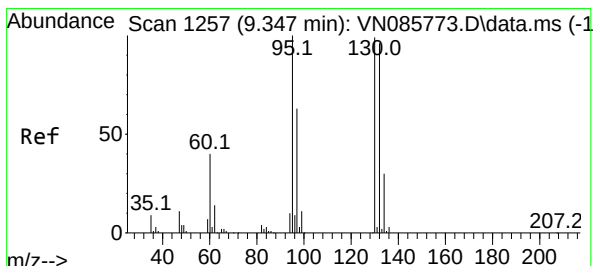
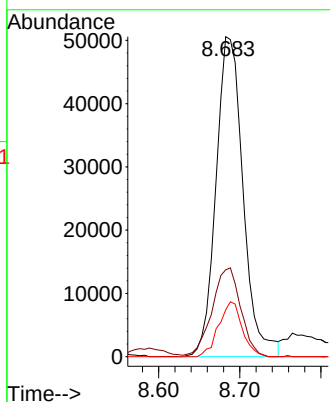
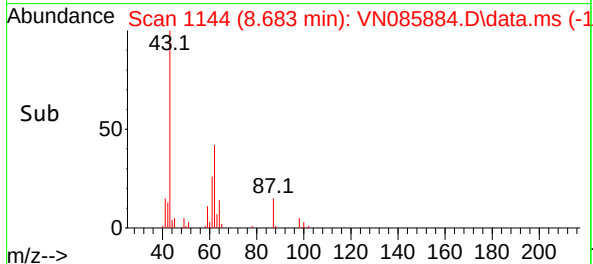
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 43 Resp: 11741
Ion Ratio Lower Upper
43 100
61 29.3 22.6 34.0
87 15.0 11.8 17.8

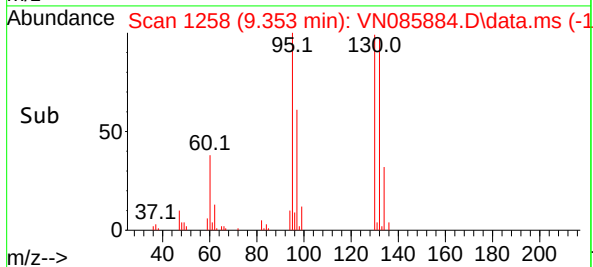
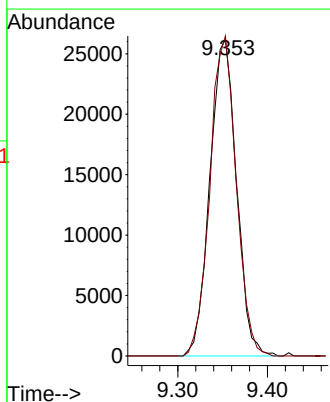
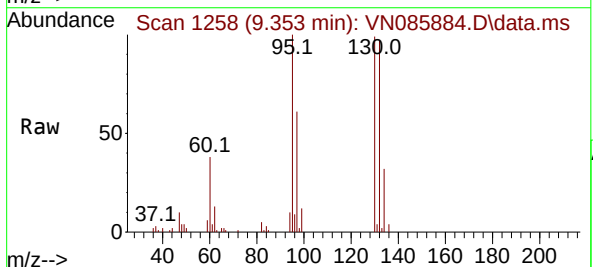
Manual Integrations
APPROVED

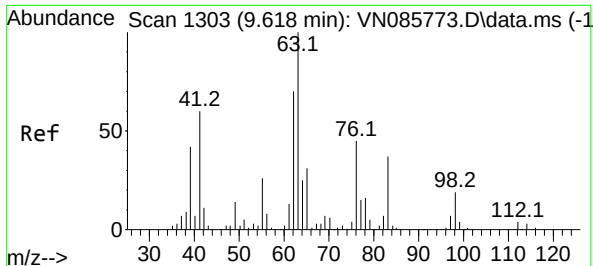
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#44
Trichloroethene
Concen: 19.735 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion:130 Resp: 53987
Ion Ratio Lower Upper
130 100
95 101.2 0.0 202.6





#45

1,2-Dichloropropane

Concen: 21.993 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 63 Resp: 5914

Ion Ratio Lower Upper

63 100

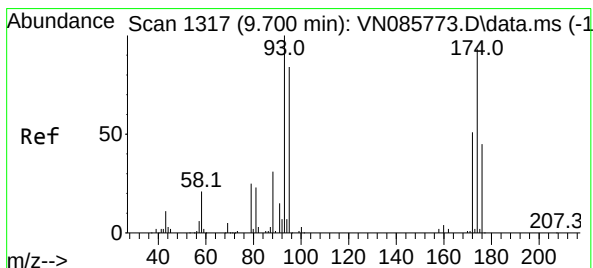
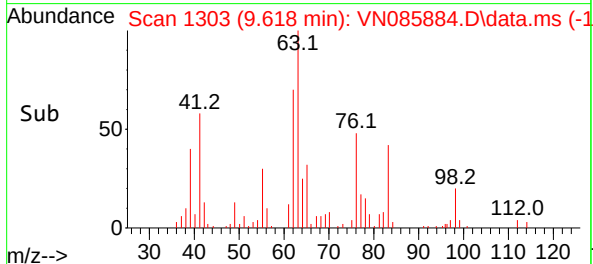
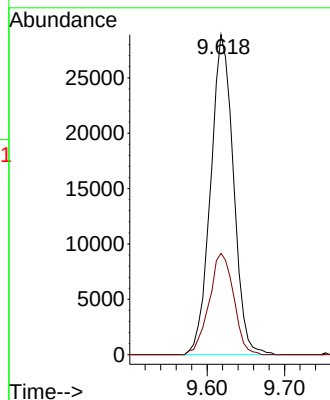
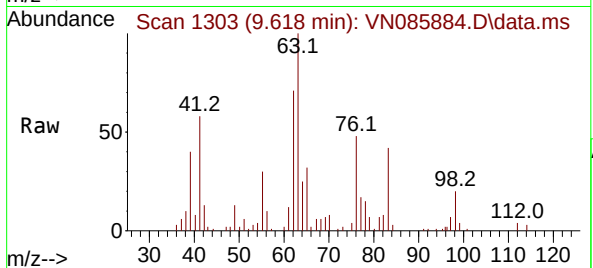
65 31.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 22.194 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

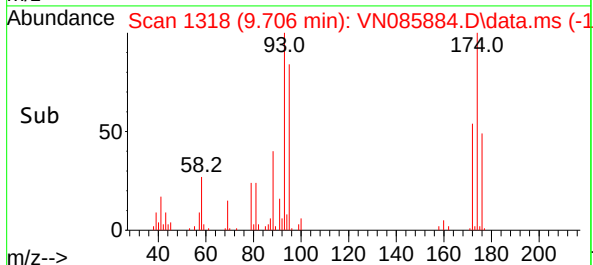
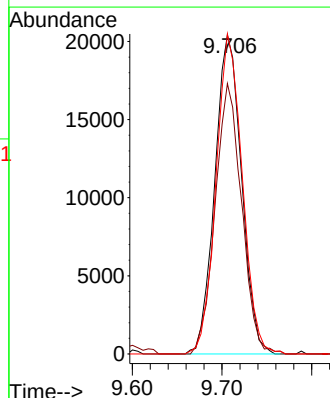
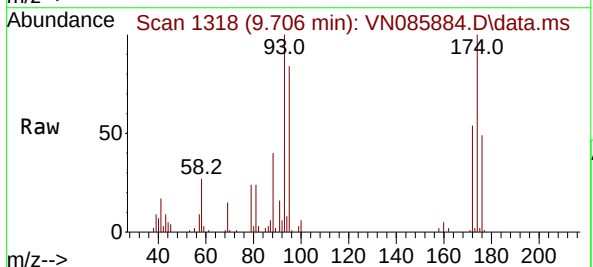
Tgt Ion: 93 Resp: 42101

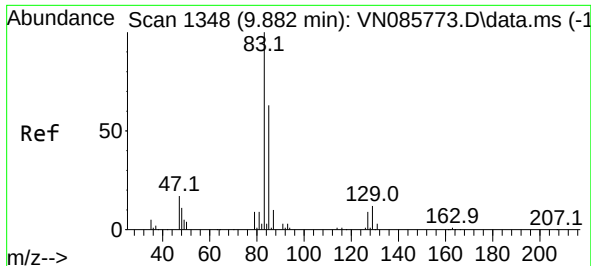
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

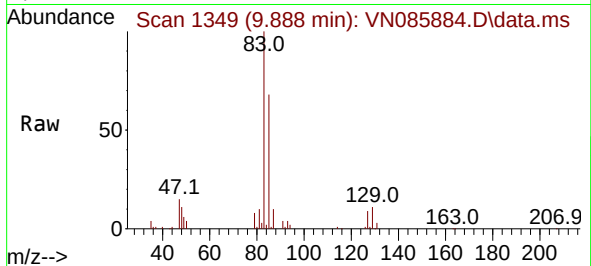
174 98.5 77.2 115.8





#47
Bromodichloromethane
Concen: 21.952 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

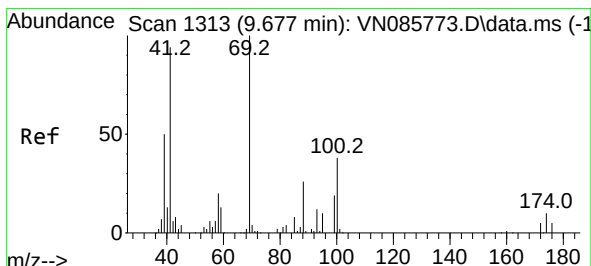
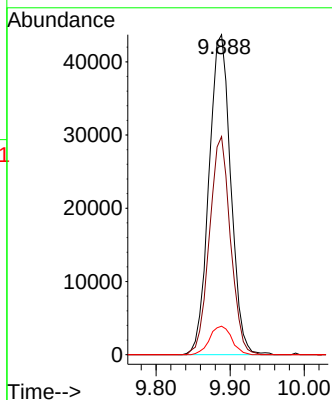
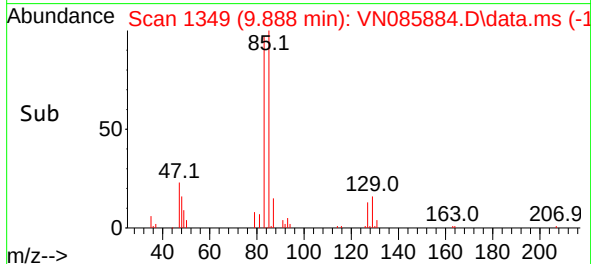
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 83 Resp: 89090
Ion Ratio Lower Upper
83 100
85 68.2 50.5 75.7
127 8.9 7.2 10.8

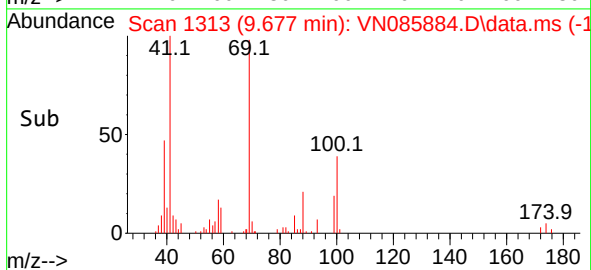
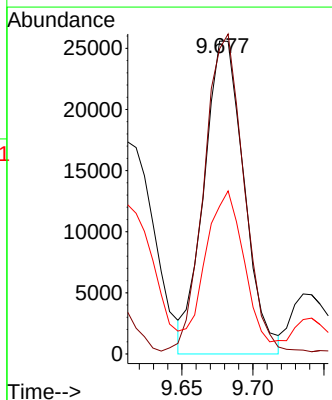
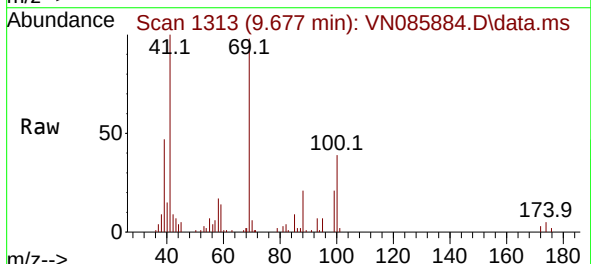
Manual Integrations
APPROVED

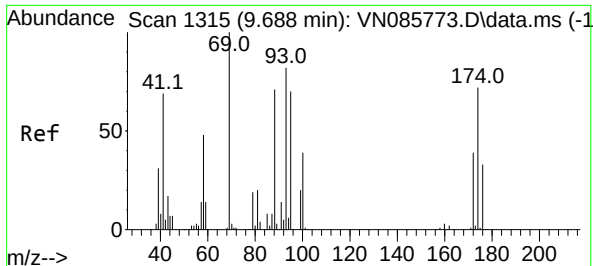
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#48
Methyl methacrylate
Concen: 23.718 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion: 41 Resp: 50389
Ion Ratio Lower Upper
41 100
69 102.0 76.0 114.0
39 53.0 42.3 63.5





#49

1,4-Dioxane

Concen: 649.723 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

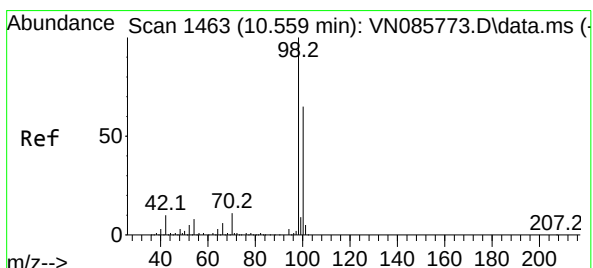
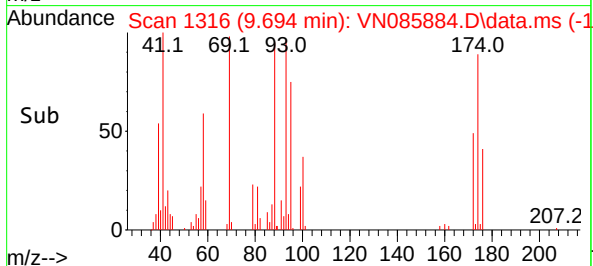
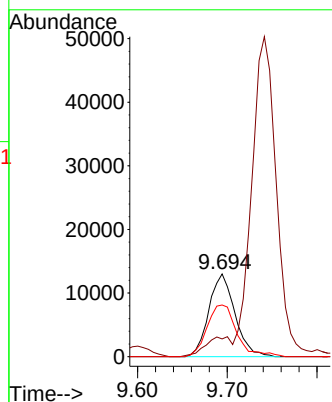
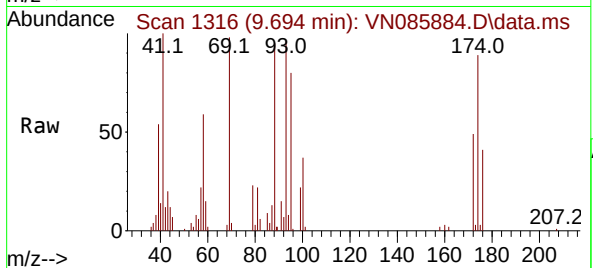
Tgt Ion: 88 Resp: 26249
 Ion Ratio Lower Upper
 88 100
 43 23.9 18.6 27.8
 58 71.0 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#50

Toluene-d8

Concen: 43.933 ug/l

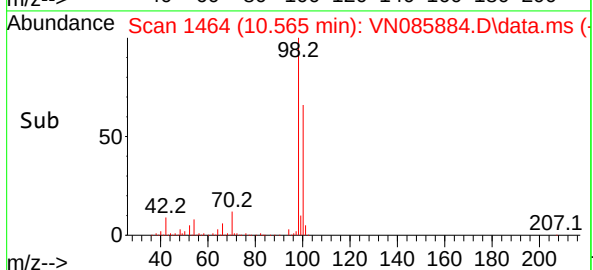
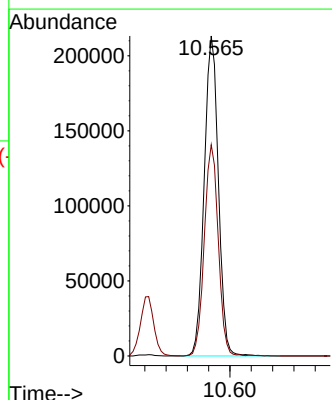
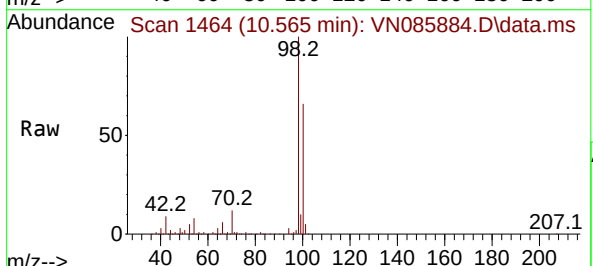
RT: 10.565 min Scan# 1464

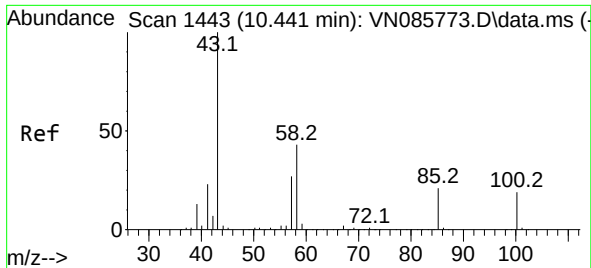
Delta R.T. 0.006 min

Lab File: VN085884.D

Acq: 27 Feb 2025 12:51

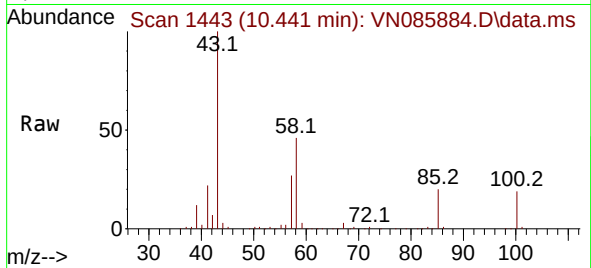
Tgt Ion: 98 Resp: 392601
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 135.539 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

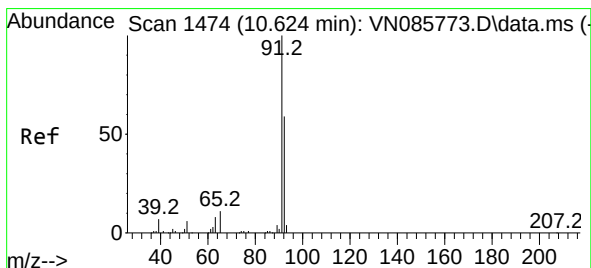
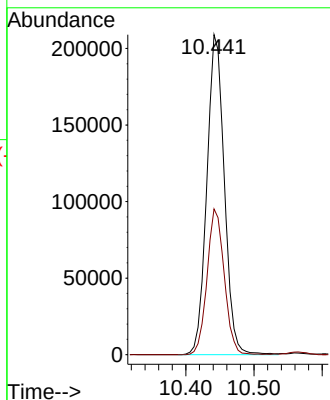
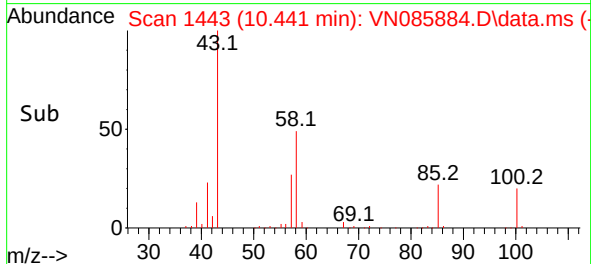
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



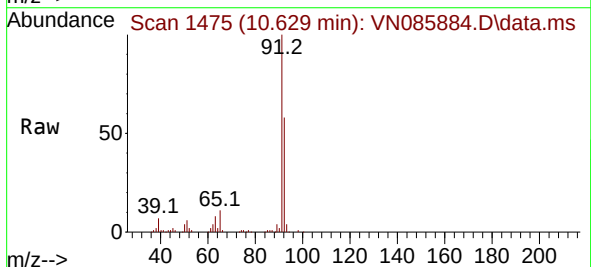
Tgt Ion: 43 Resp: 373829
Ion Ratio Lower Upper
43 100
58 44.7 34.6 52.0

Manual Integrations
APPROVED

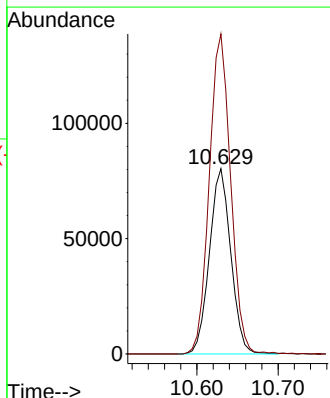
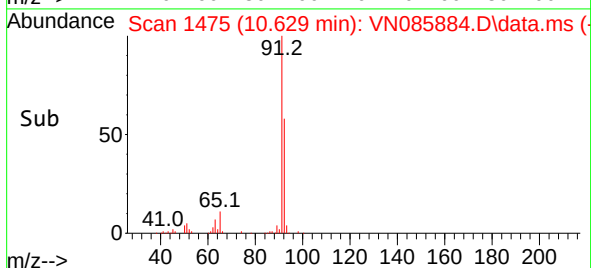
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

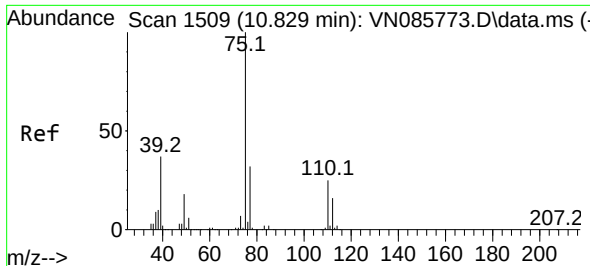


#52
Toluene
Concen: 22.484 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



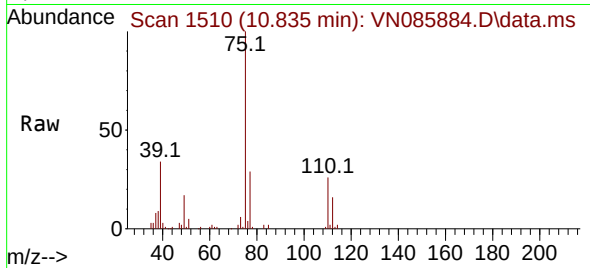
Tgt Ion: 92 Resp: 146844
Ion Ratio Lower Upper
92 100
91 172.8 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 22.316 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

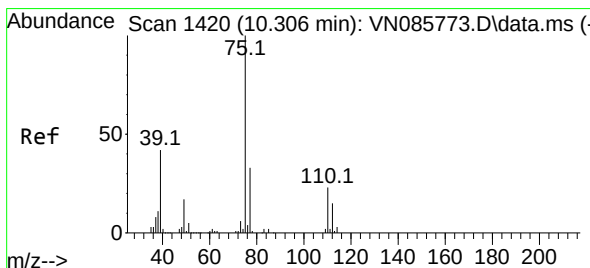
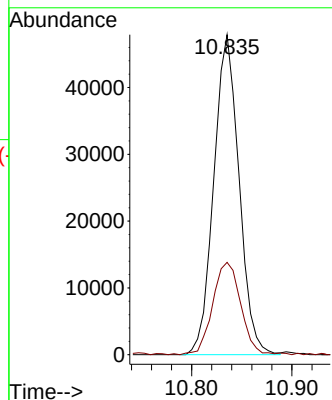
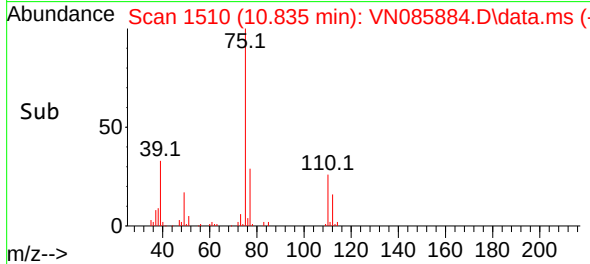
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 75 Resp: 8374
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.0

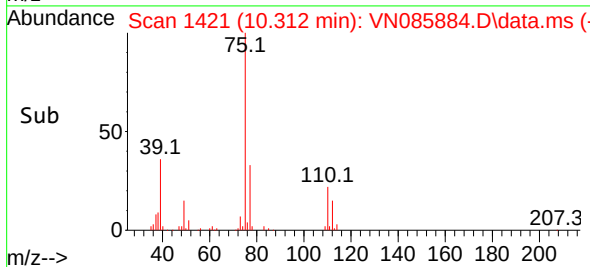
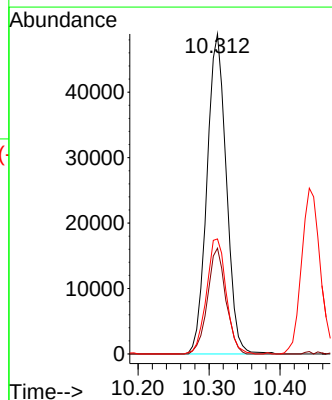
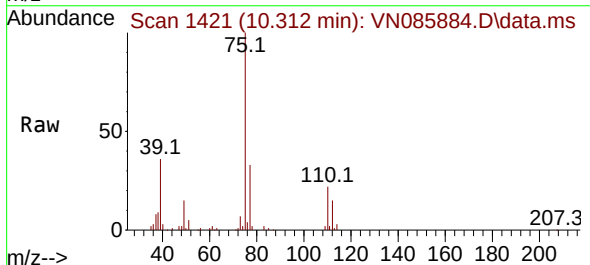
Manual Integrations
APPROVED

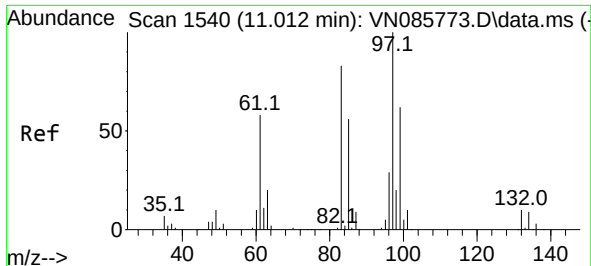
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#54
cis-1,3-Dichloropropene
Concen: 22.491 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

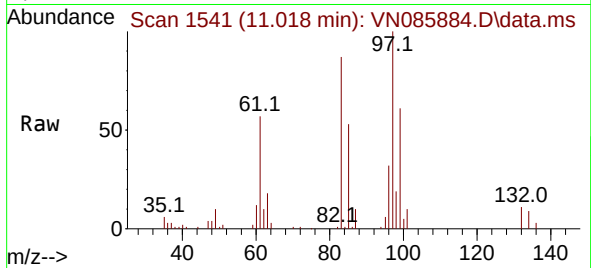
Tgt Ion: 75 Resp: 92556
Ion Ratio Lower Upper
75 100
77 33.1 26.1 39.1
39 35.9 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 23.171 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

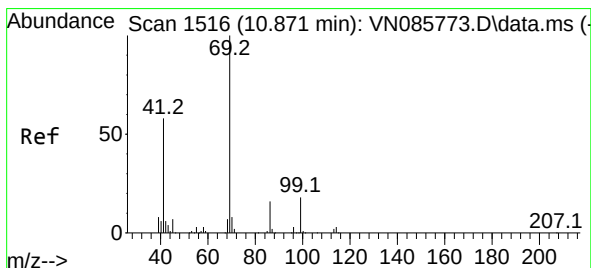
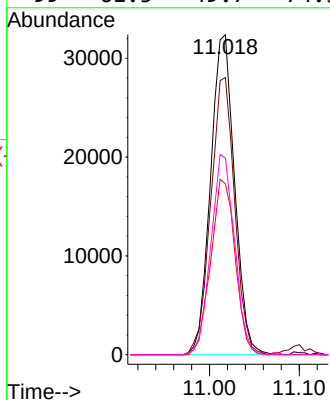
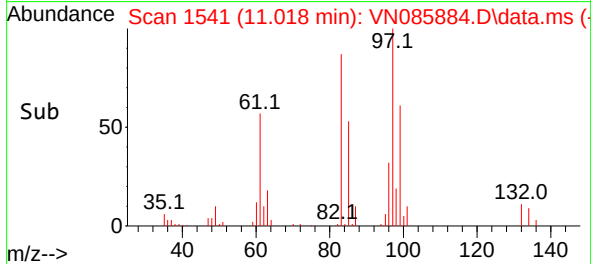
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



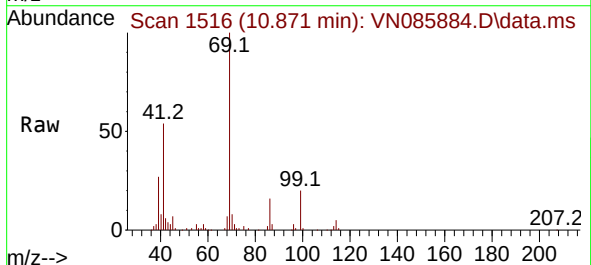
Tgt Ion:	97	Resp:	6016
Ion Ratio	100	Lower	Upper
97	100		
83	86.6	66.1	99.1
85	53.3	44.7	67.1
99	61.5	49.7	74.5

Manual Integrations
APPROVED

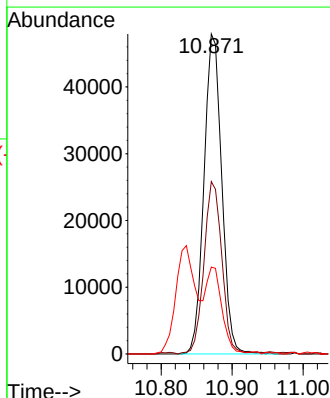
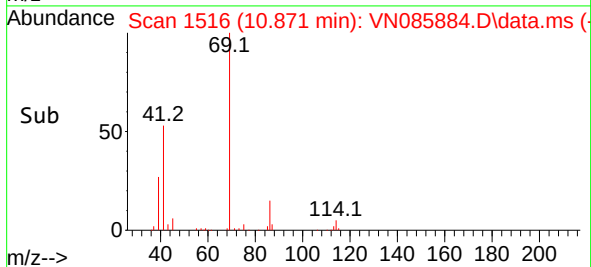
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

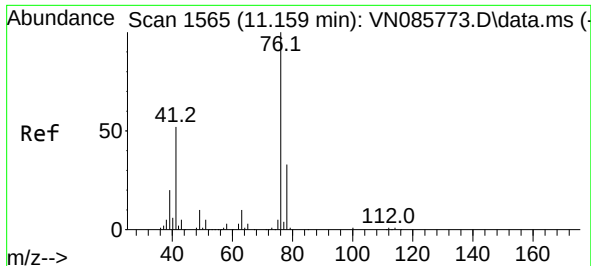


#56
Ethyl methacrylate
Concen: 24.021 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



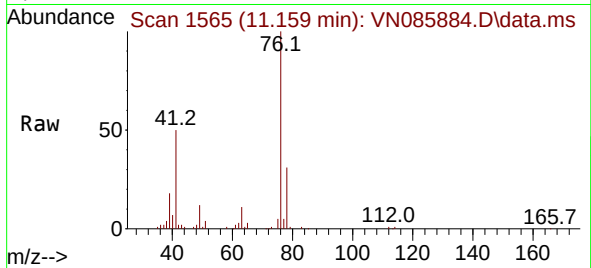
Tgt Ion:	69	Resp:	83526
Ion Ratio	100	Lower	Upper
69	100		
41	54.2	46.0	69.0
39	22.7	22.0	33.0





#57
1,3-Dichloropropane
Concen: 22.883 ug/l
RT: 11.159 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

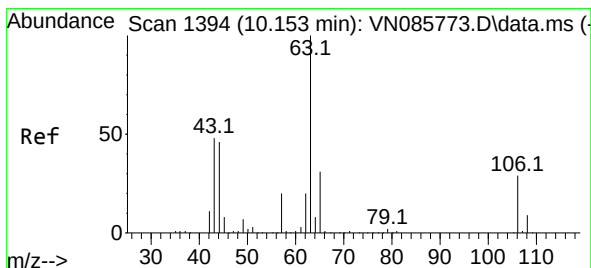
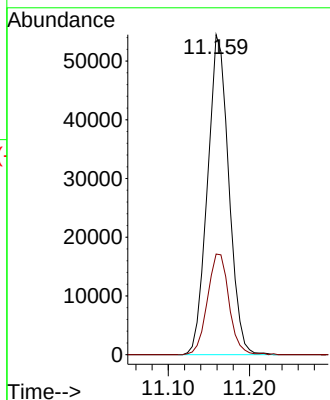
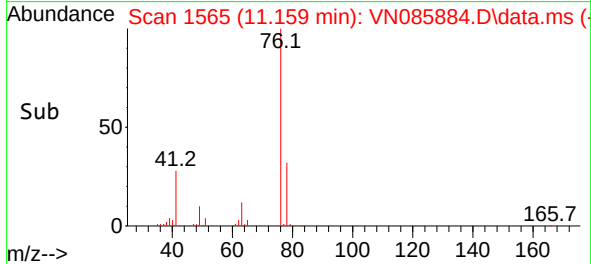
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 76 Resp: 99189
Ion Ratio Lower Upper
76 100
78 31.9 25.9 38.9

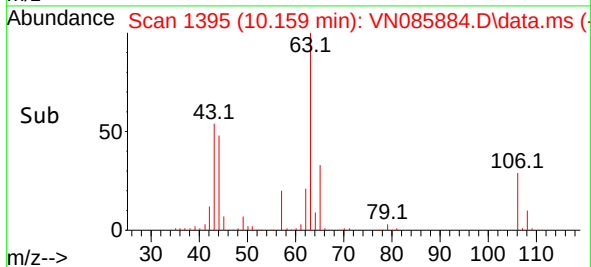
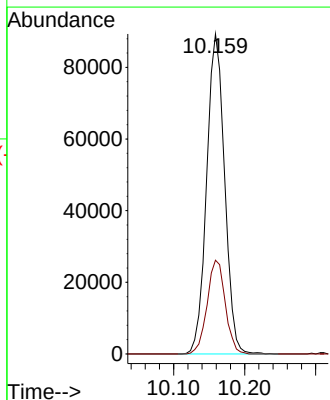
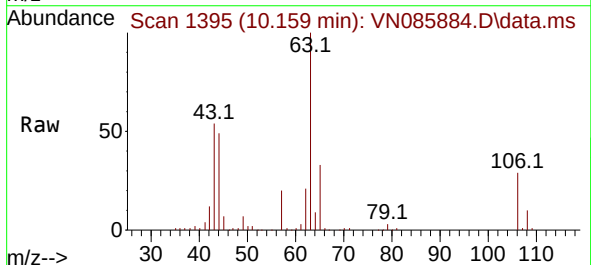
Manual Integrations
APPROVED

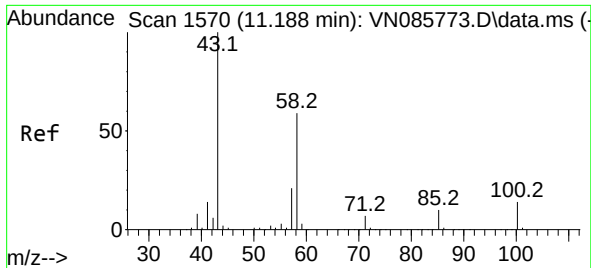
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#58
2-Chloroethyl Vinyl ether
Concen: 125.168 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

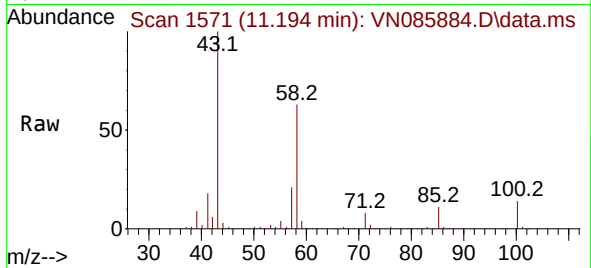
Tgt Ion: 63 Resp: 156954
Ion Ratio Lower Upper
63 100
106 29.5 22.7 34.1





#59
2-Hexanone
Concen: 142.197 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

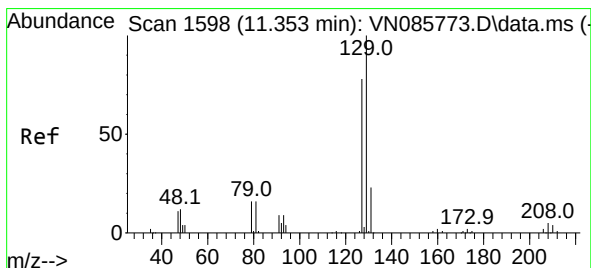
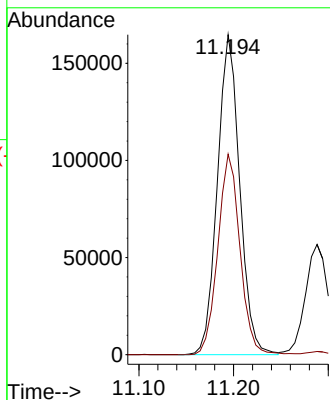
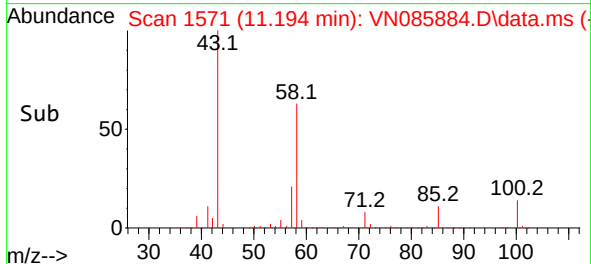
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 43 Resp: 269800
Ion Ratio Lower Upper
43 100
58 62.2 29.8 89.5

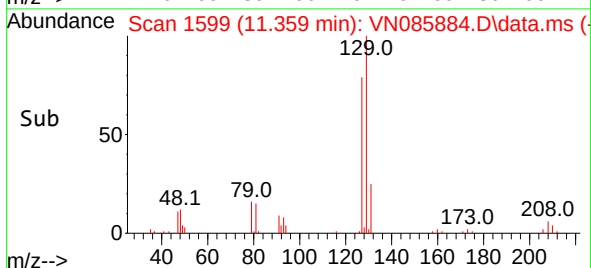
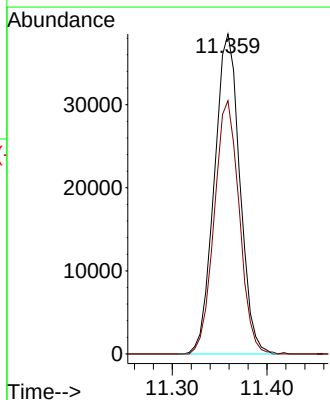
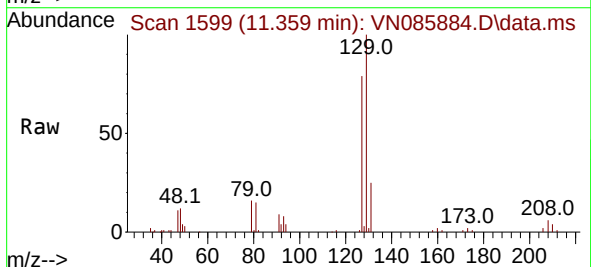
Manual Integrations
APPROVED

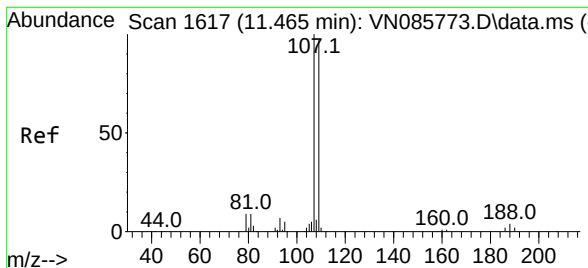
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 23.811 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion:129 Resp: 71996
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5





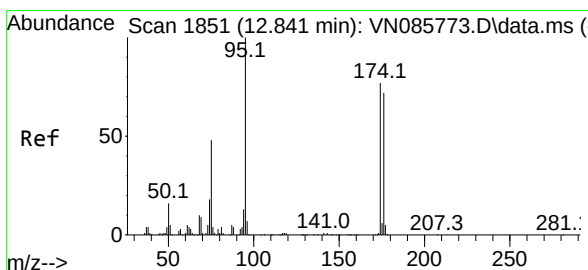
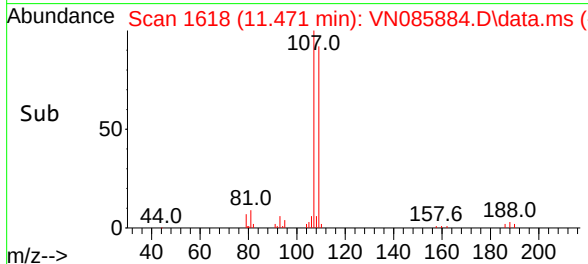
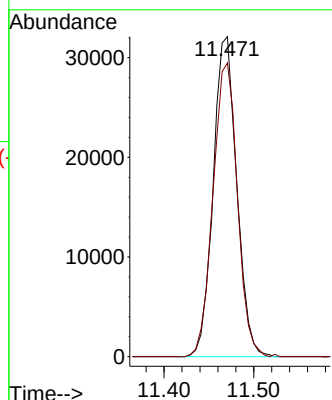
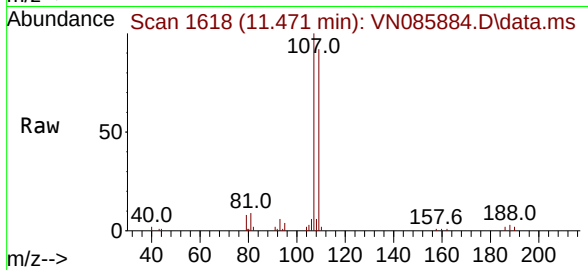
#61
1,2-Dibromoethane
Concen: 23.848 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:107 Resp: 58510
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0

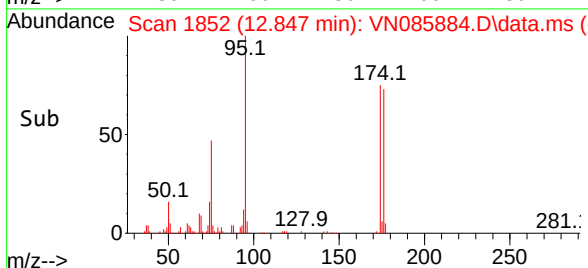
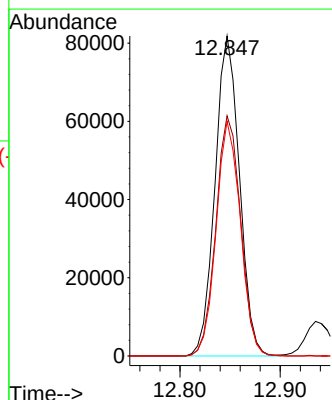
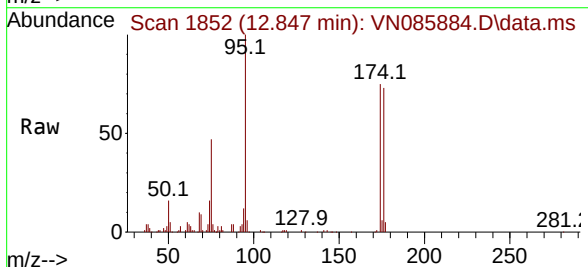
Manual Integrations
APPROVED

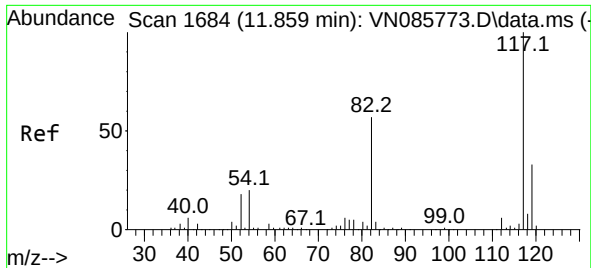
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 47.067 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

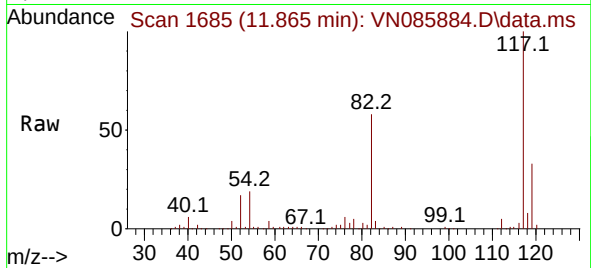
Tgt Ion: 95 Resp: 138580
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.4
176 72.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

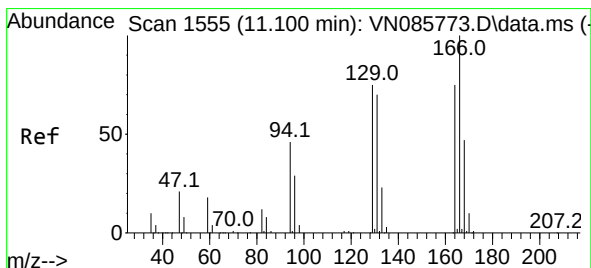
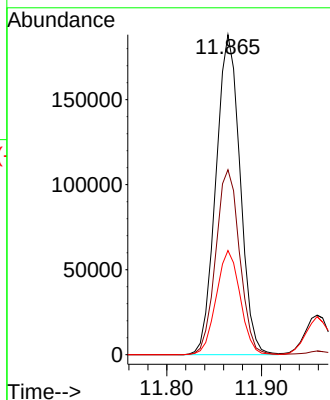
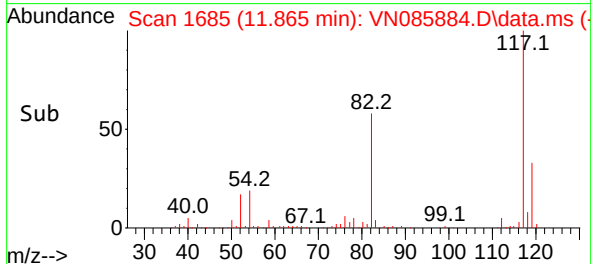
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion:117 Resp: 33404
Ion Ratio Lower Upper
117 100
82 57.8 45.7 68.5
119 32.5 26.2 39.2

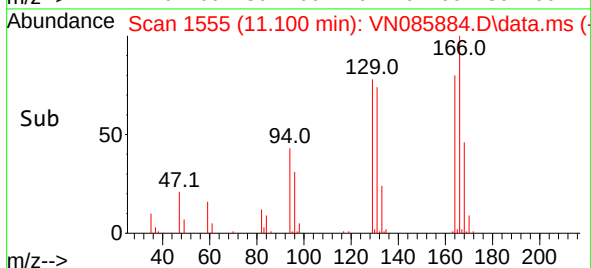
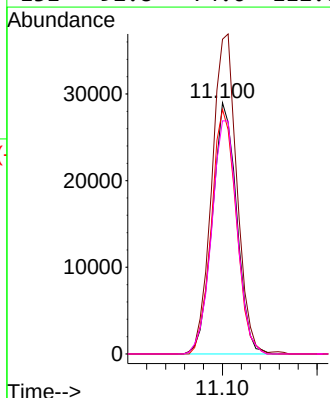
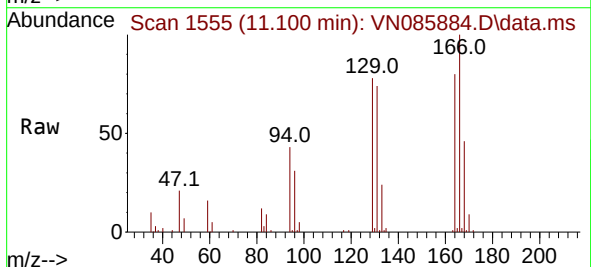
Manual Integrations
APPROVED

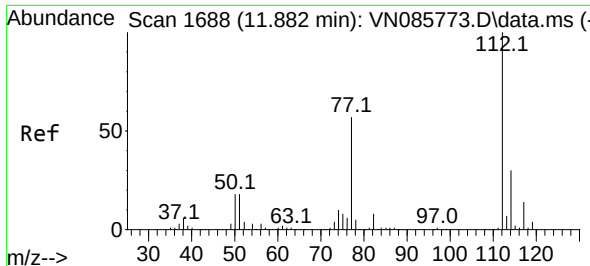
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 19.977 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

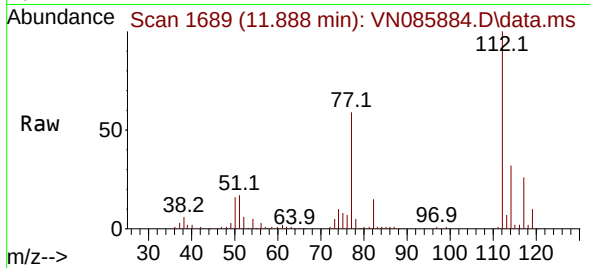
Tgt Ion:164 Resp: 51698
Ion Ratio Lower Upper
164 100
166 125.3 107.2 160.8
129 97.3 80.7 121.1
131 92.8 74.6 112.0





#65
Chlorobenzene
Concen: 21.152 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

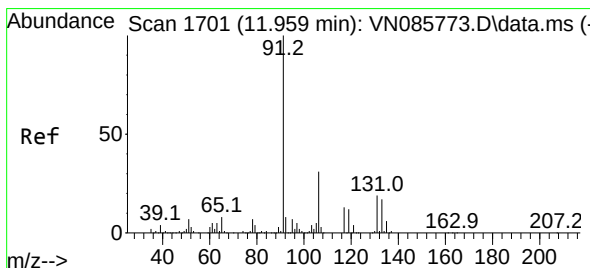
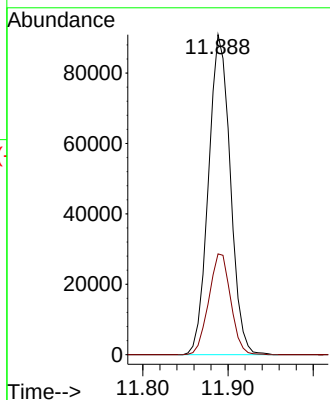
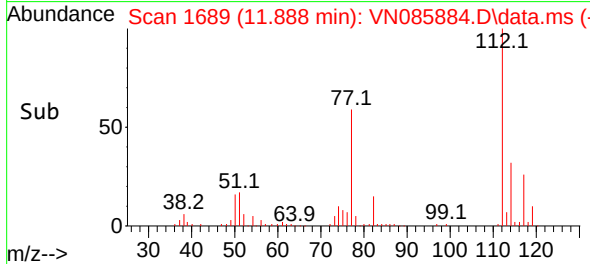
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



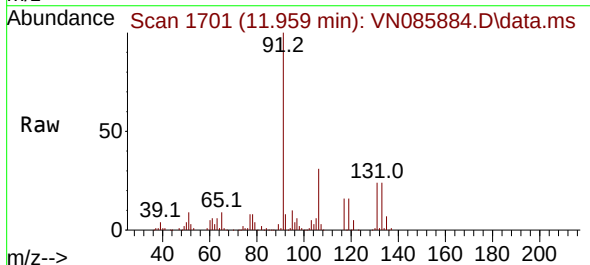
Tgt Ion:112 Resp: 16186
Ion Ratio Lower Upper
112 100
114 31.5 24.3 36.5

Manual Integrations
APPROVED

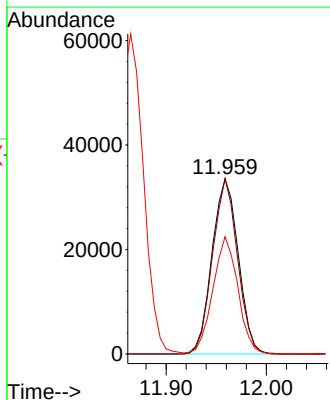
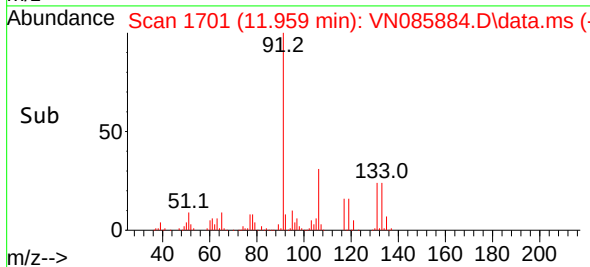
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

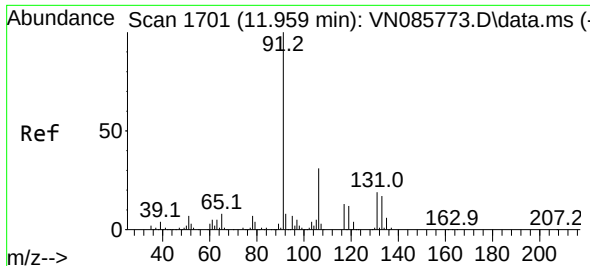


#66
1,1,1,2-Tetrachloroethane
Concen: 22.104 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



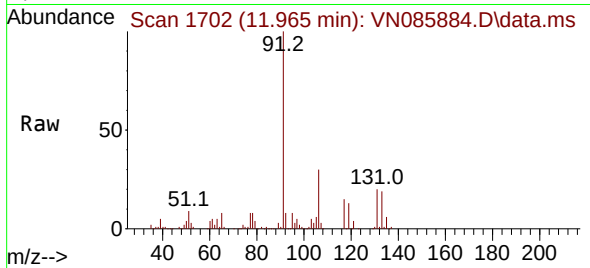
Tgt Ion:131 Resp: 60800
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 63.8 33.3 99.8





#67
Ethyl Benzene
Concen: 21.066 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

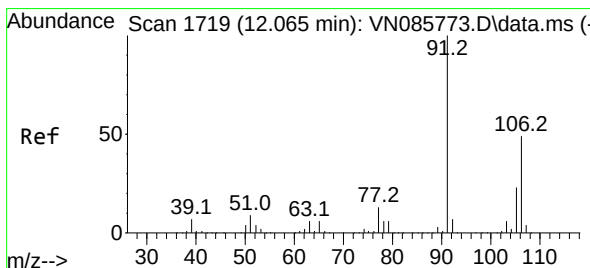
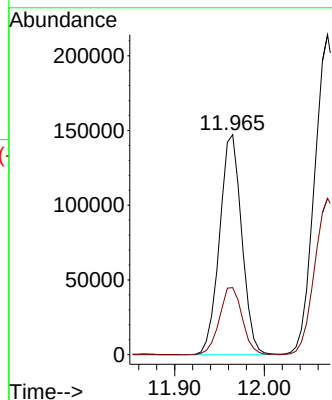
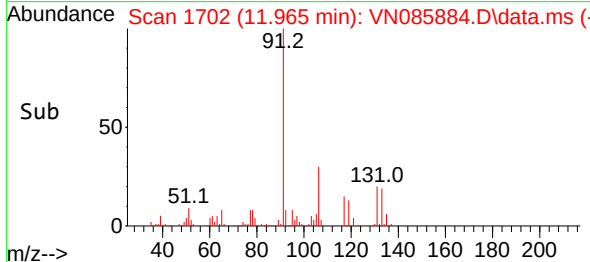
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



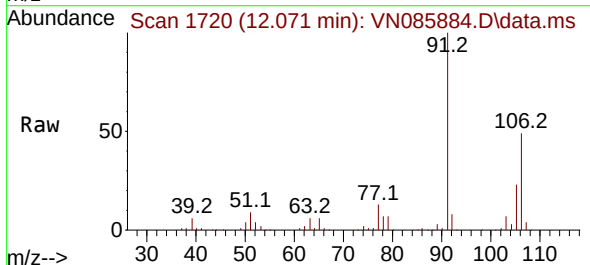
Tgt Ion: 91 Resp: 252524
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

Manual Integrations
APPROVED

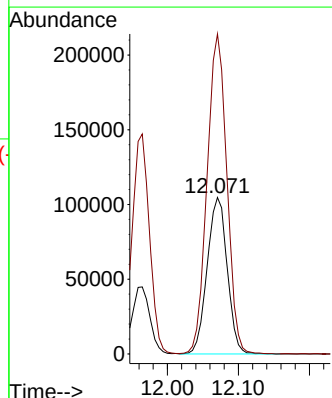
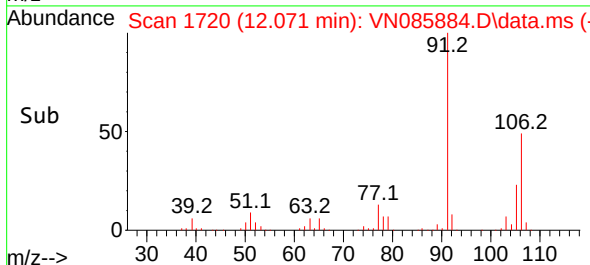
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

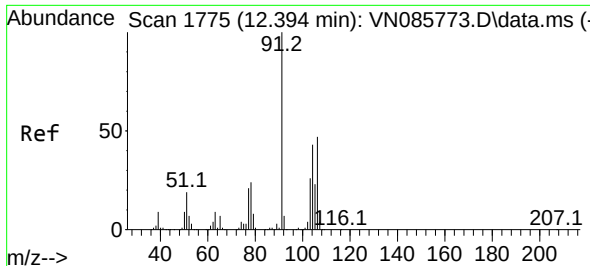


#68
m/p-Xylenes
Concen: 45.030 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



Tgt Ion:106 Resp: 205037
Ion Ratio Lower Upper
106 100
91 201.9 163.3 244.9





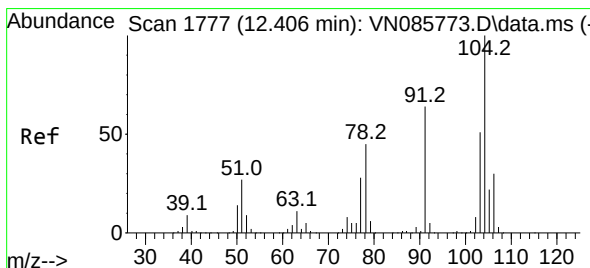
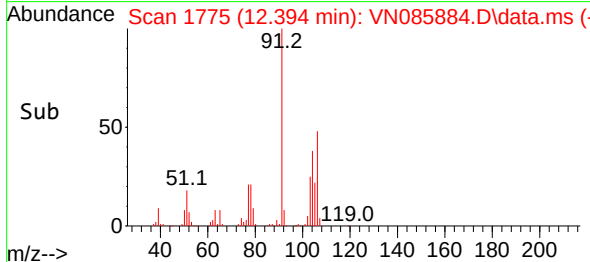
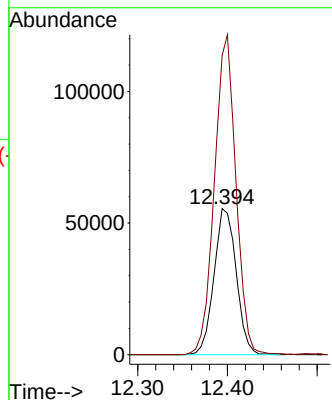
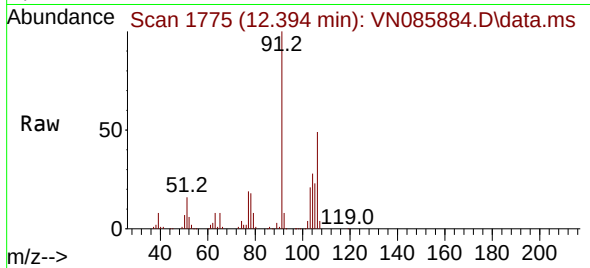
#69
o-Xylene
Concen: 22.056 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:106 Resp: 95435
Ion Ratio Lower Upper
106 100
91 212.0 107.1 321.4

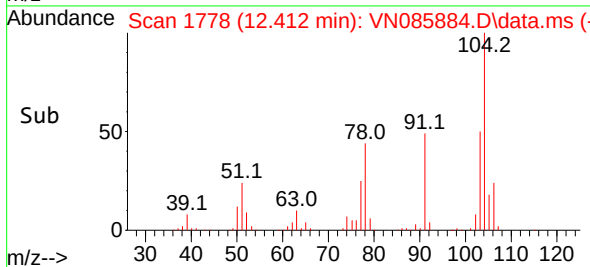
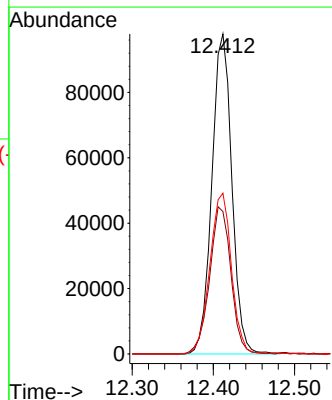
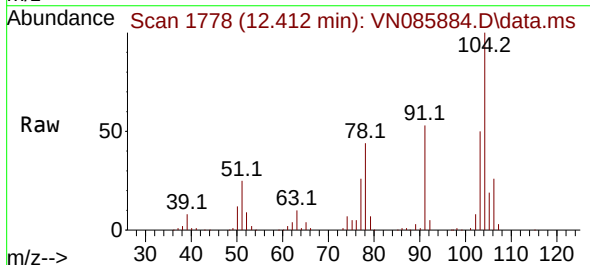
Manual Integrations
APPROVED

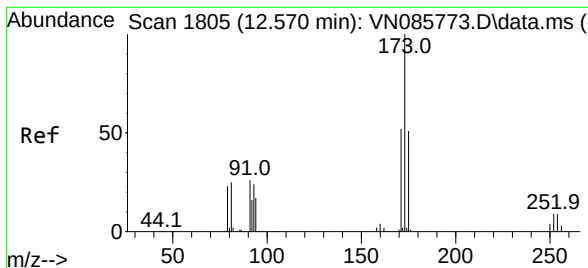
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 22.298 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

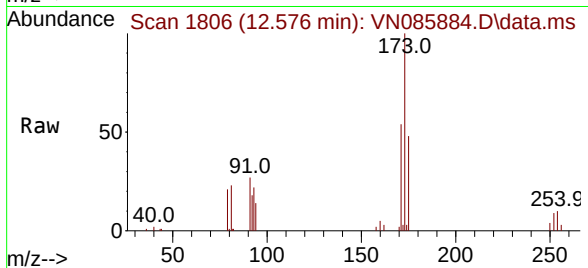
Tgt Ion:104 Resp: 167610
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 54.3 43.3 64.9





#71
Bromoform
Concen: 24.741 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

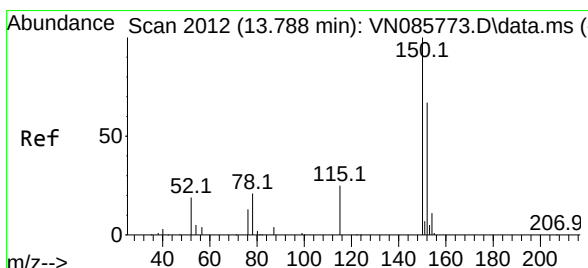
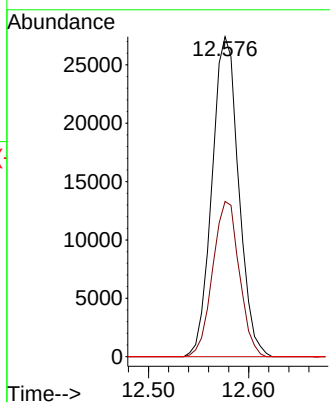
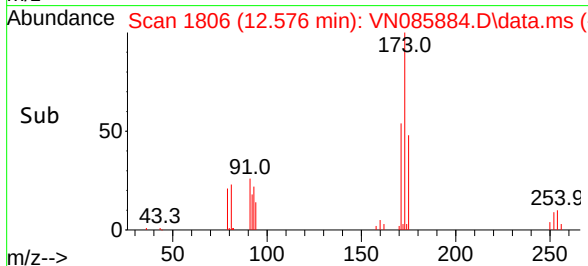
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion:173 Resp: 50560
Ion Ratio Lower Upper
173 100
175 48.5 25.1 75.4
254 0.0 0.0 0.0

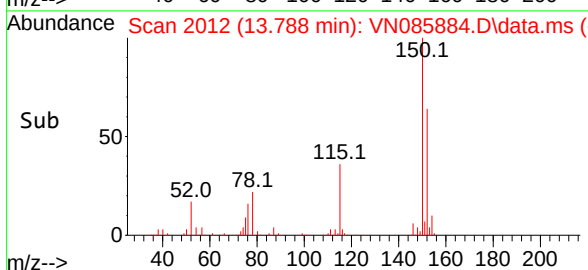
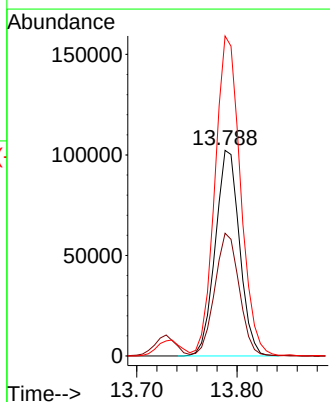
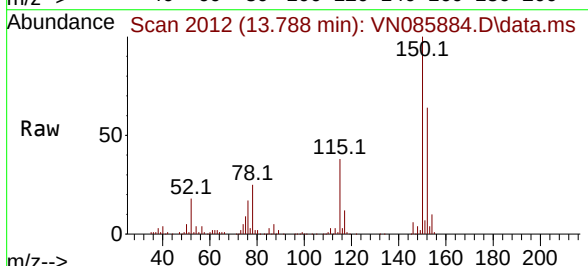
Manual Integrations
APPROVED

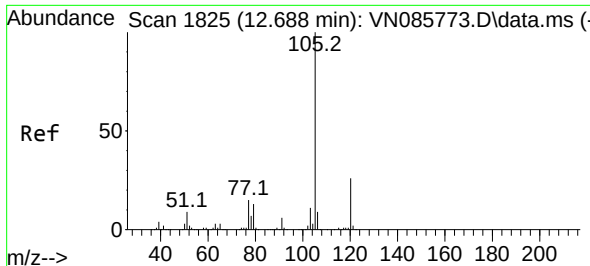
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion:152 Resp: 171814
Ion Ratio Lower Upper
152 100
115 60.4 30.4 91.3
150 163.8 0.0 345.4





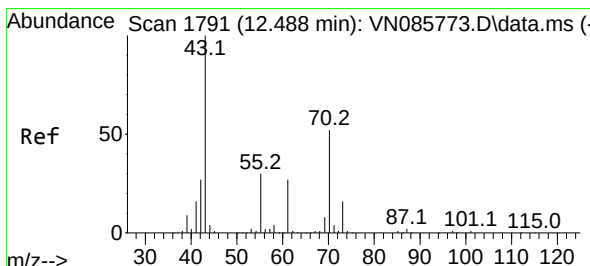
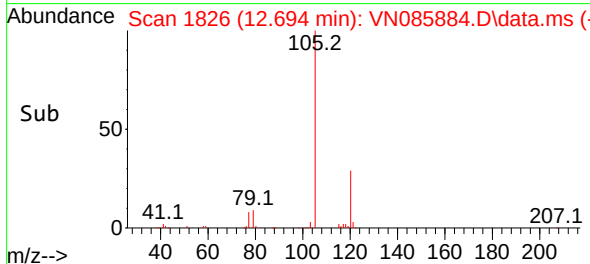
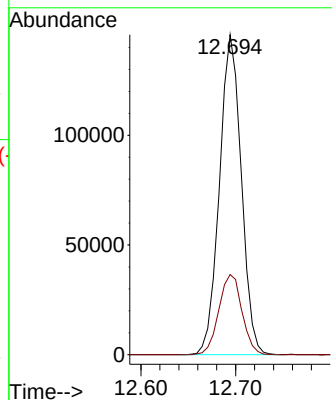
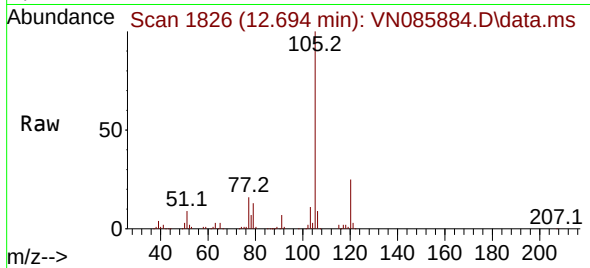
#73
Isopropylbenzene
Concen: 19.842 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:105 Resp: 23355
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

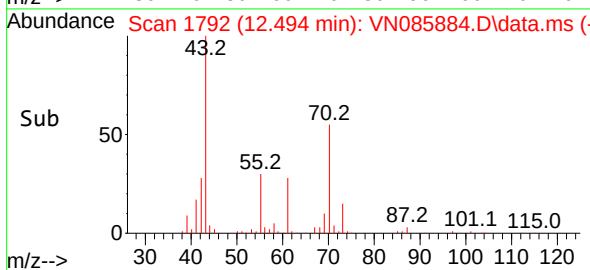
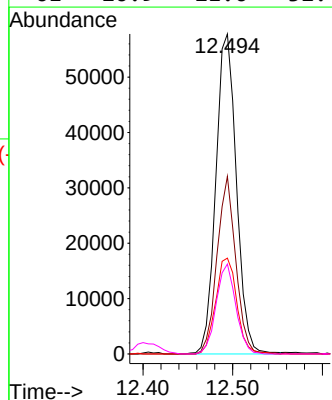
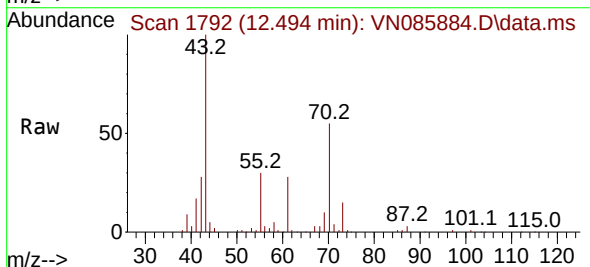
Manual Integrations
APPROVED

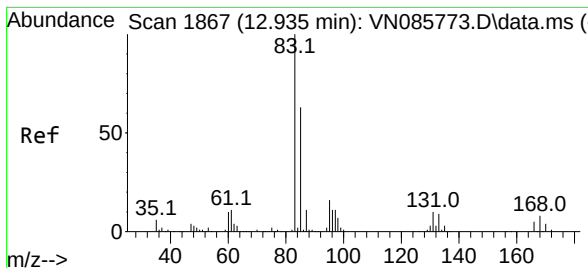
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 22.159 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

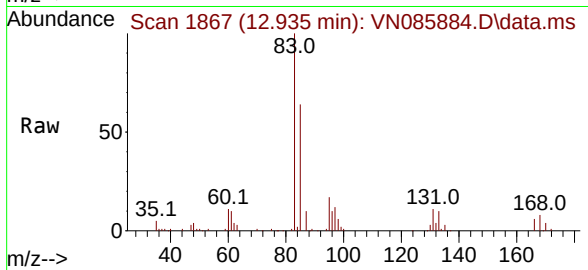
Tgt Ion: 43 Resp: 91979
Ion Ratio Lower Upper
43 100
70 50.6 41.0 61.4
55 30.8 24.6 36.8
61 26.9 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 22.547 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

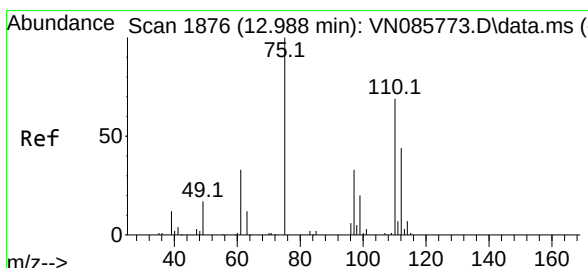
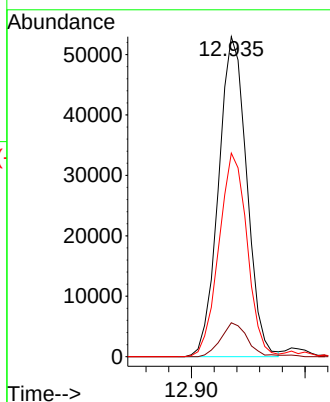
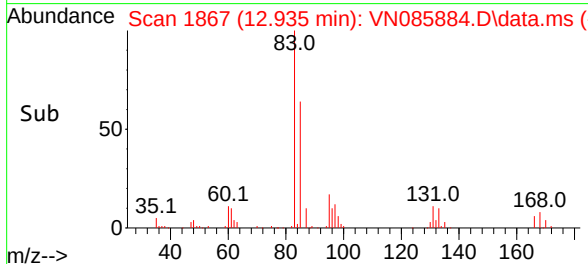
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 83 Resp: 91325
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 63.6 32.2 96.6

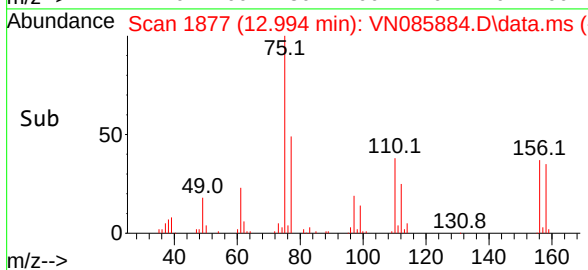
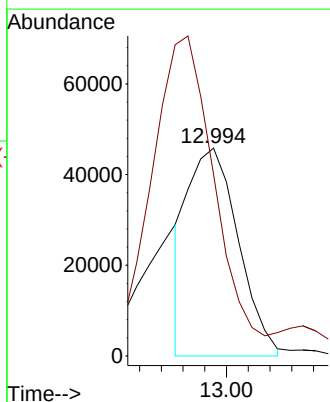
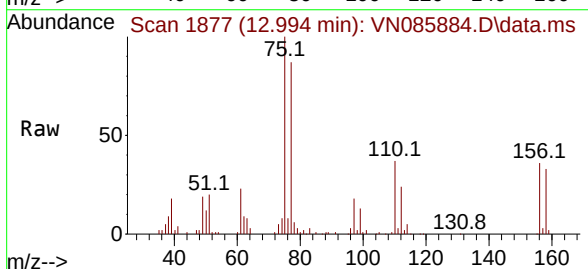
Manual Integrations
APPROVED

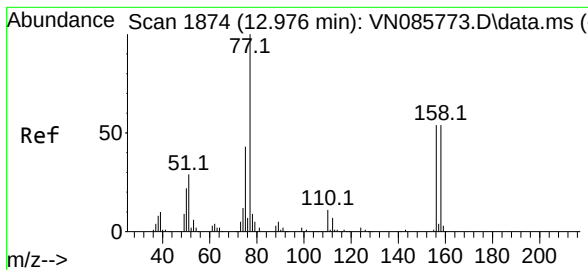
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 19.349 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion: 75 Resp: 73845
Ion Ratio Lower Upper
75 100
77 194.3 100.0 300.0





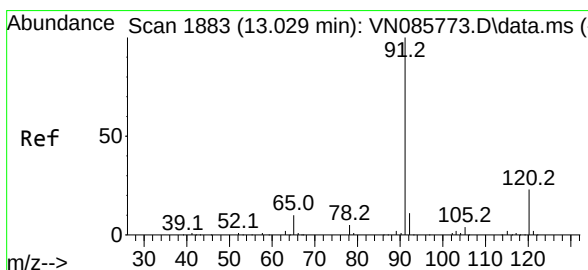
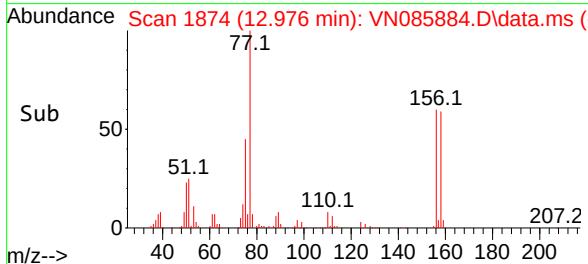
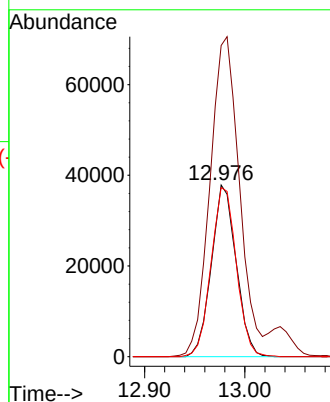
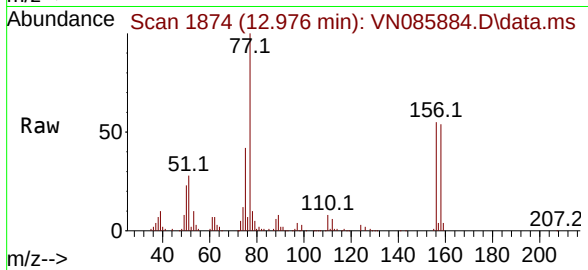
#77
Bromobenzene
Concen: 20.440 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:156 Resp: 65002
Ion Ratio Lower Upper
156 100
77 220.7 104.1 312.3
158 100.5 48.1 144.4

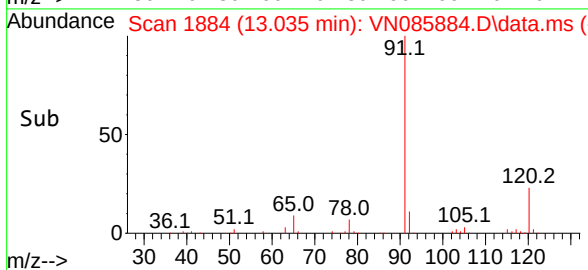
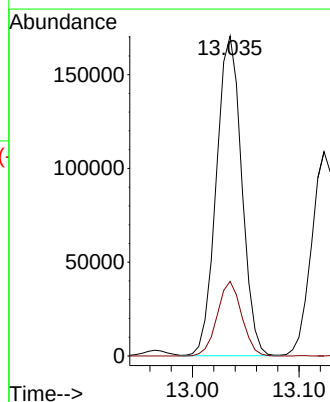
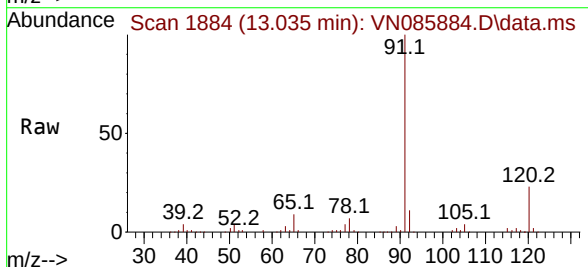
Manual Integrations
APPROVED

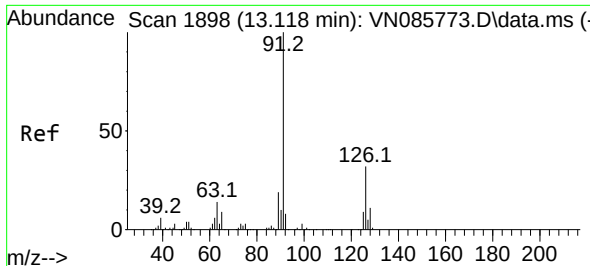
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#78
n-propylbenzene
Concen: 20.913 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion: 91 Resp: 281914
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8





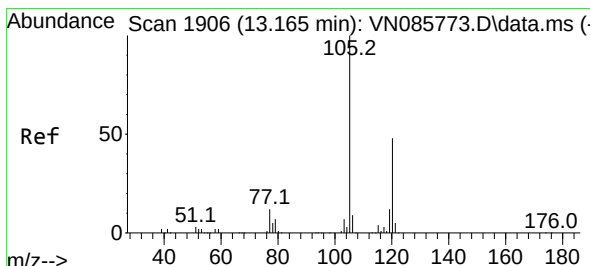
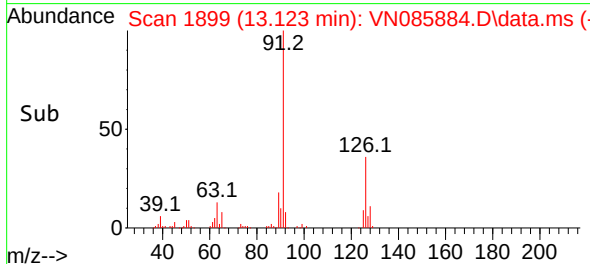
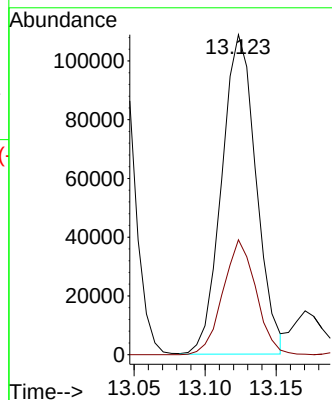
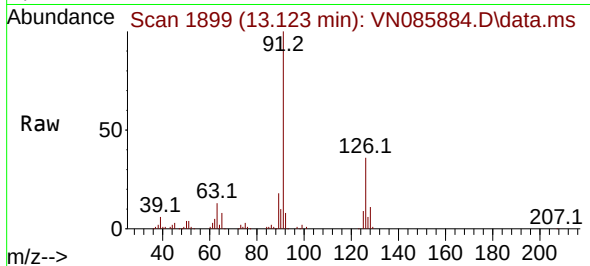
#79
2-Chlorotoluene
Concen: 20.370 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 91 Resp: 183470
Ion Ratio Lower Upper
91 100
126 34.5 16.4 49.1

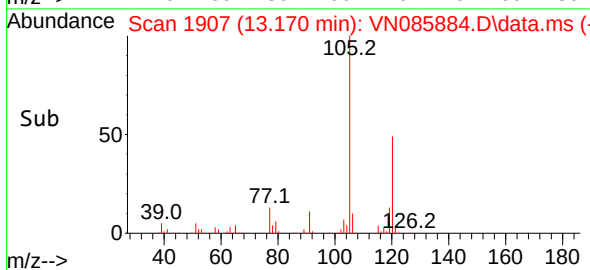
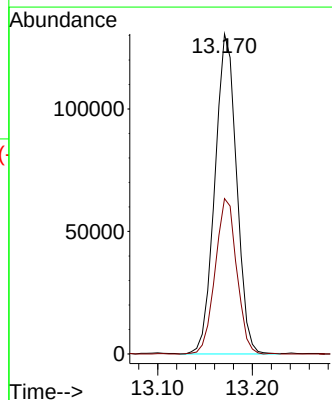
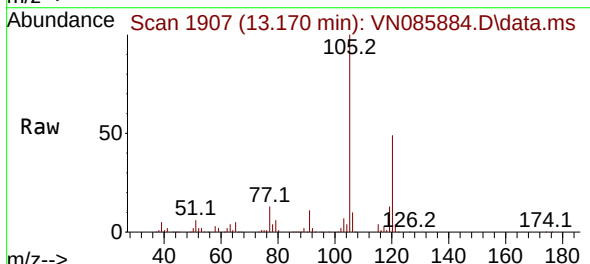
Manual Integrations
APPROVED

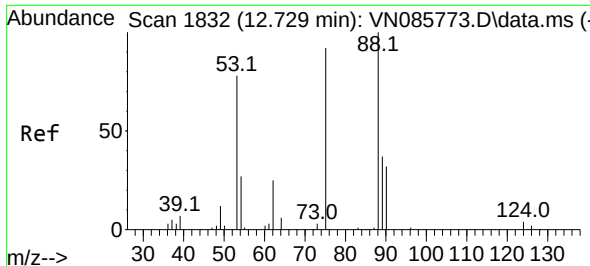
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.685 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

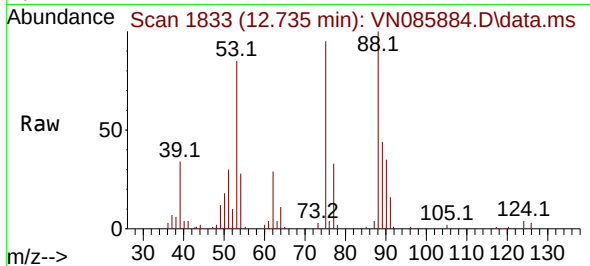
Tgt Ion:105 Resp: 207931
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 23.078 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

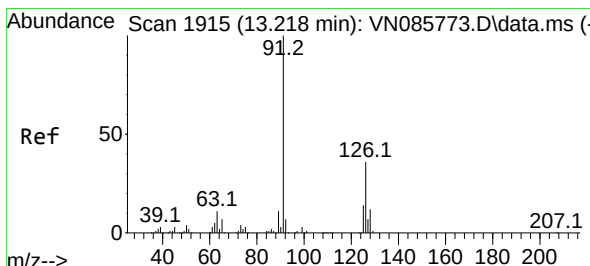
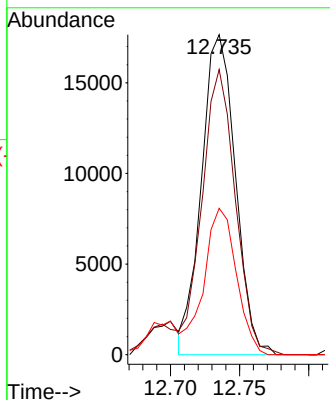
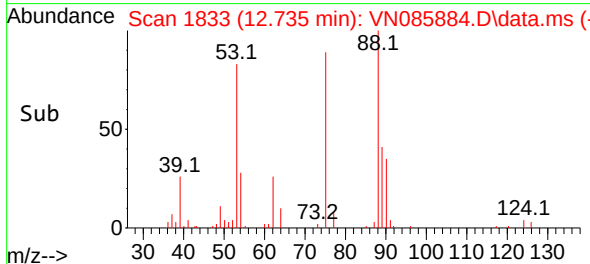
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



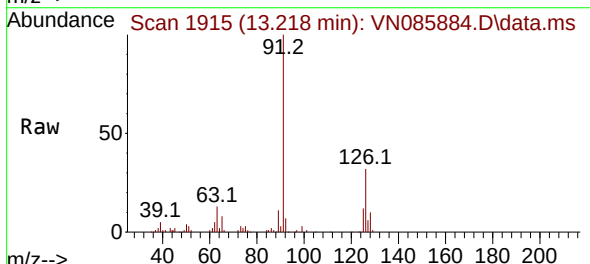
Tgt Ion: 75 Resp: 3018
Ion Ratio Lower Upper
75 100
53 87.3 74.2 111.4
89 44.1 34.9 52.3

Manual Integrations
APPROVED

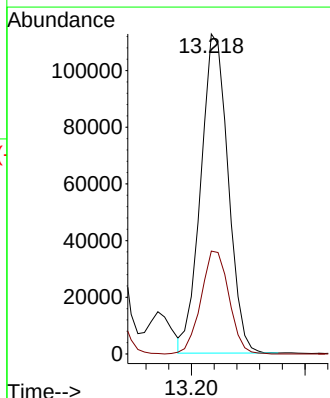
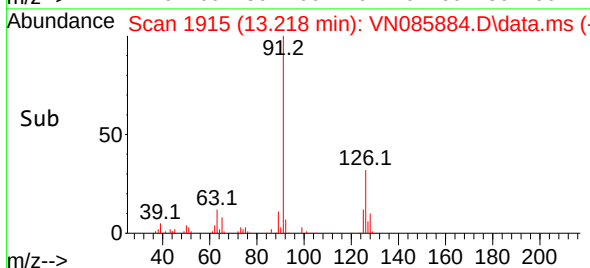
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

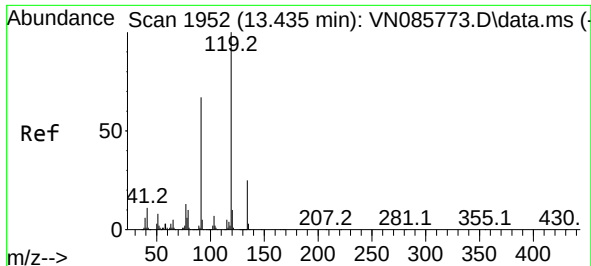


#82
4-Chlorotoluene
Concen: 21.083 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



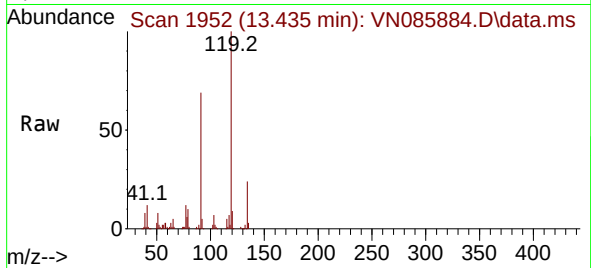
Tgt Ion: 91 Resp: 188247
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 19.917 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085884.D
 Acq: 27 Feb 2025 12:51

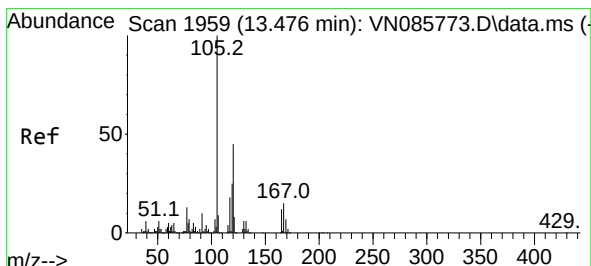
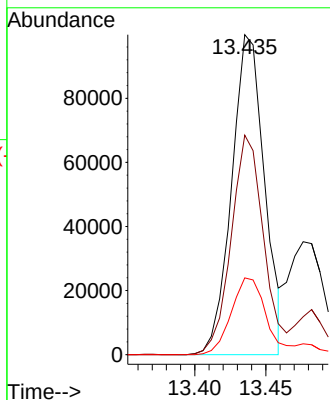
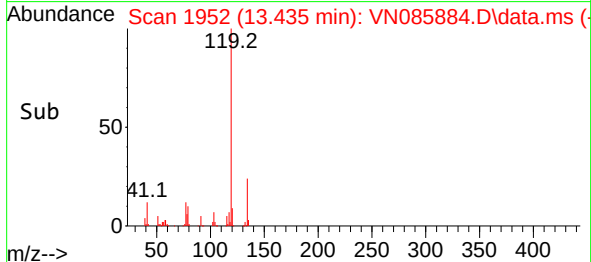
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01



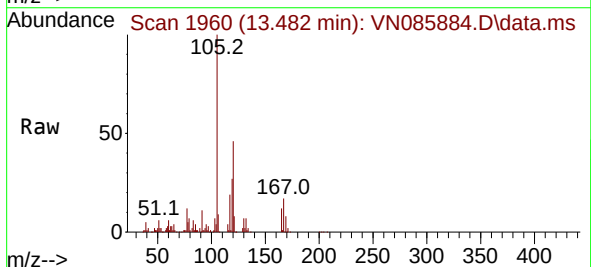
Tgt Ion:119 Resp: 160590
 Ion Ratio Lower Upper
 119 100
 91 67.9 32.5 97.5
 134 25.6 13.3 39.9

Manual Integrations
 APPROVED

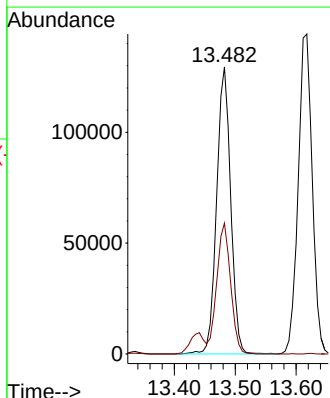
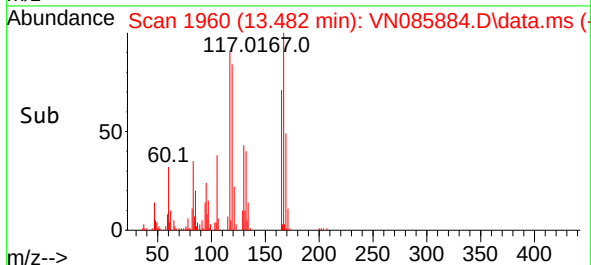
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

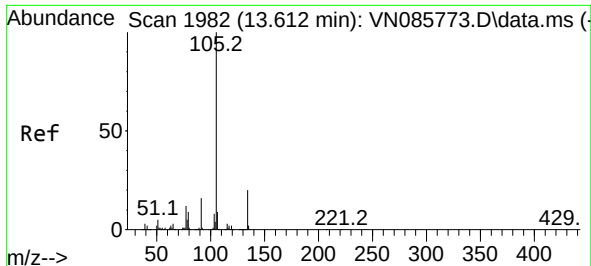


#84
 1,2,4-Trimethylbenzene
 Concen: 21.807 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085884.D
 Acq: 27 Feb 2025 12:51



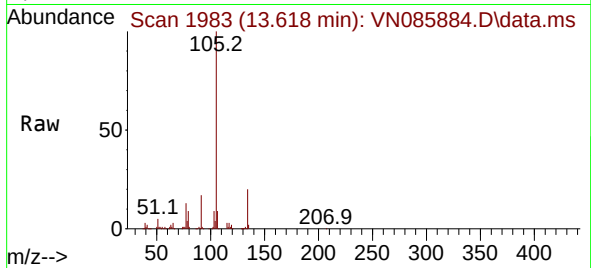
Tgt Ion:105 Resp: 206876
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 20.312 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.005 min
 Lab File: VN085884.D
 Acq: 27 Feb 2025 12:51

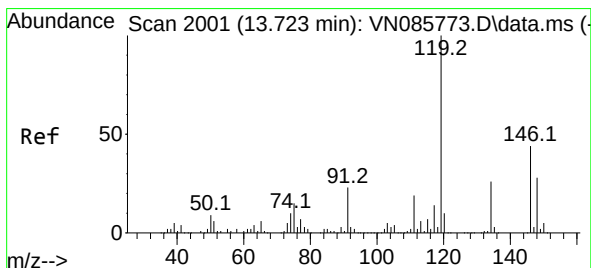
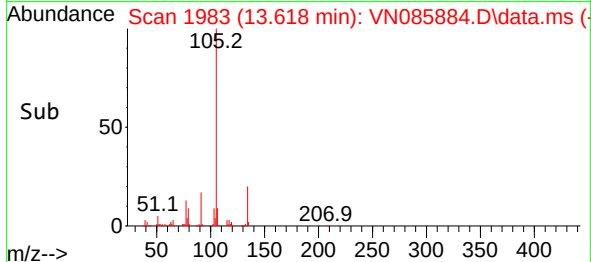
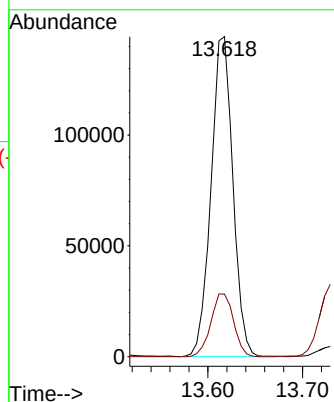
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01



Tgt Ion:105 Resp: 231402
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4

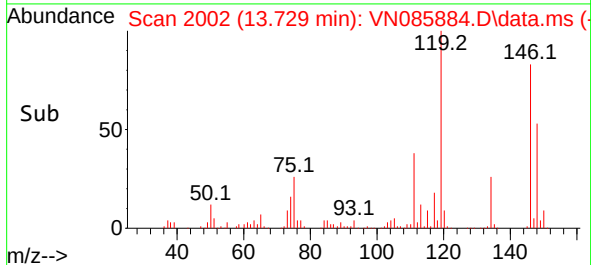
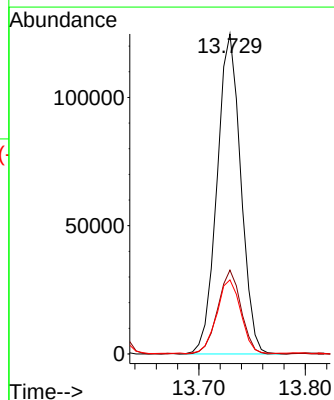
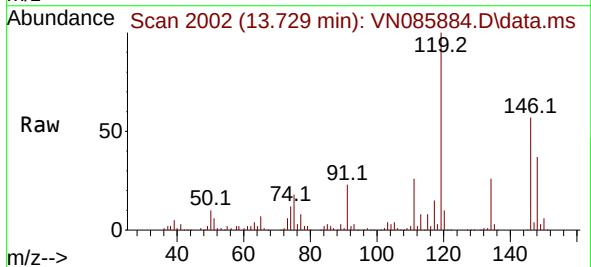
Manual Integrations
 APPROVED

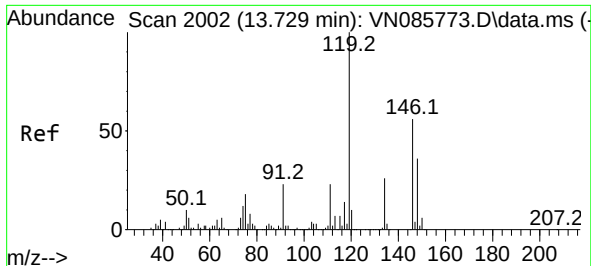
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#86
 p-Isopropyltoluene
 Concen: 19.816 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085884.D
 Acq: 27 Feb 2025 12:51

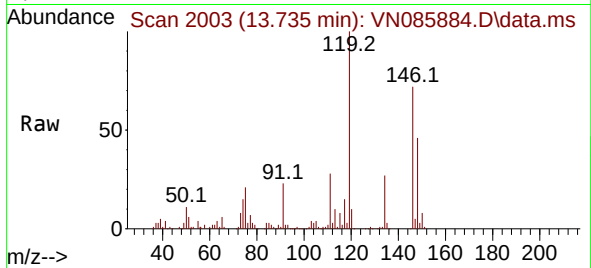
Tgt Ion:119 Resp: 193157
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 23.4 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 20.450 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

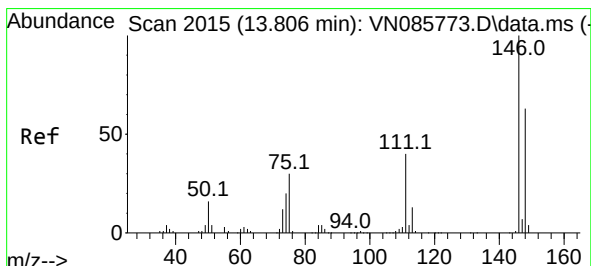
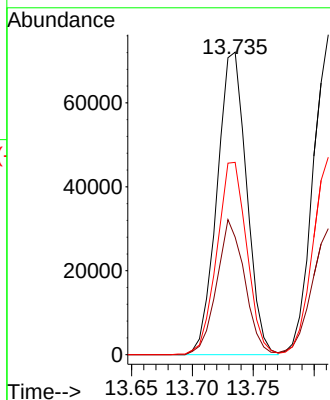
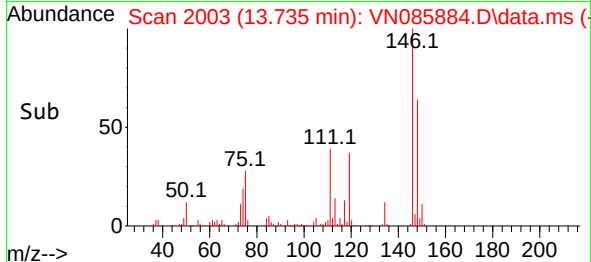
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



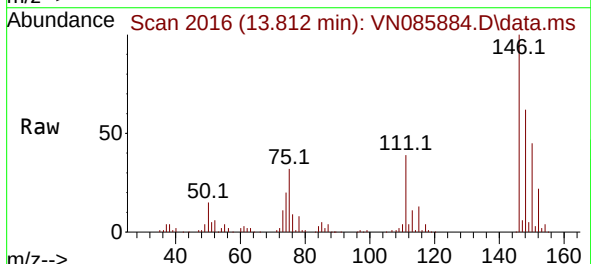
Tgt Ion:146 Resp: 12184
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 64.4 32.1 96.5

Manual Integrations
APPROVED

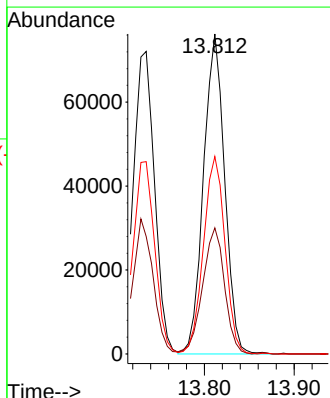
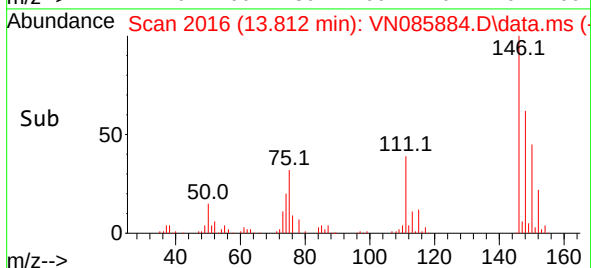
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

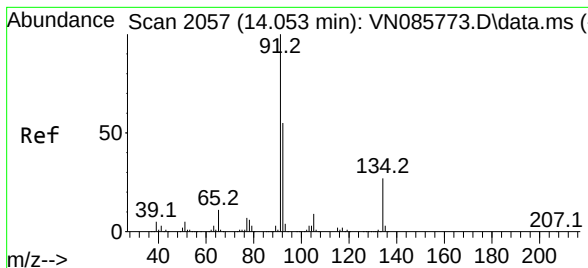


#88
1,4-Dichlorobenzene
Concen: 20.438 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



Tgt Ion:146 Resp: 124808
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 62.9 31.8 95.4





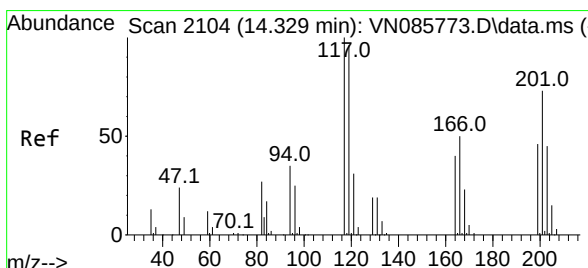
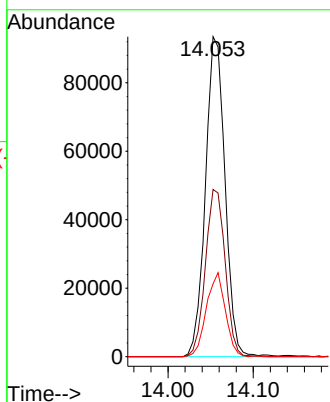
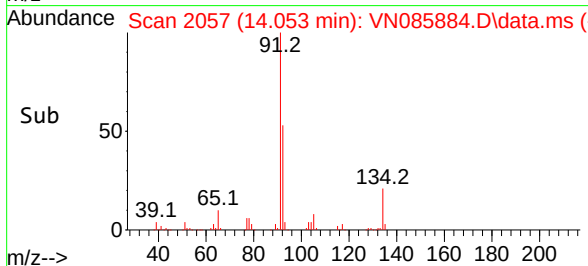
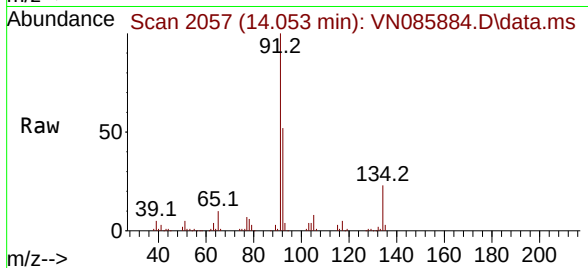
#89
n-Butylbenzene
Concen: 18.425 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 91 Resp: 149020
Ion Ratio Lower Upper
91 100
92 52.8 27.1 81.3
134 25.4 12.7 38.1

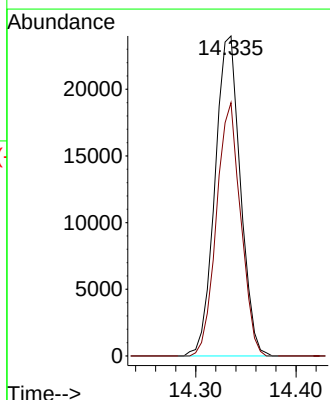
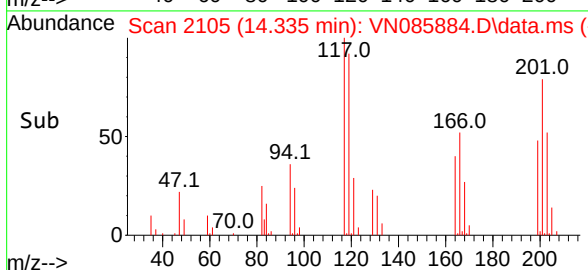
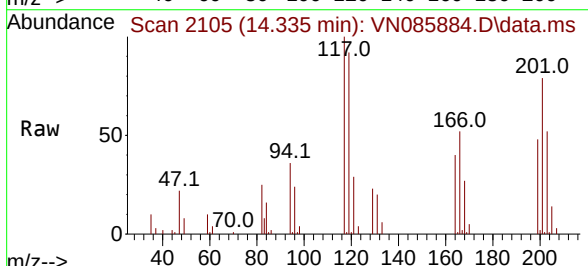
Manual Integrations
APPROVED

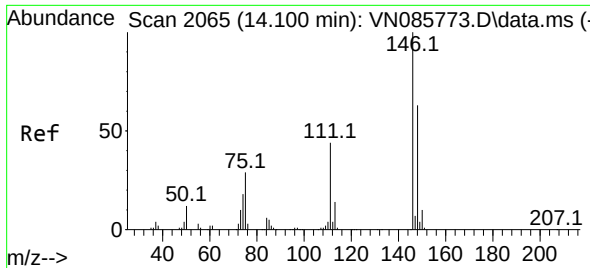
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#90
Hexachloroethane
Concen: 19.536 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion:117 Resp: 42150
Ion Ratio Lower Upper
117 100
201 75.3 35.6 106.9





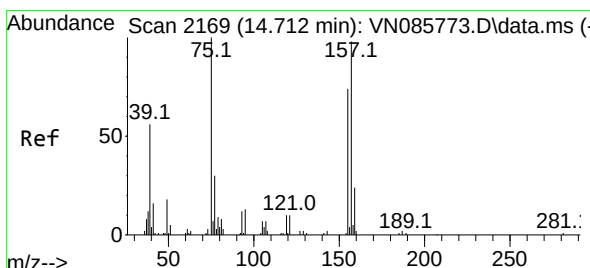
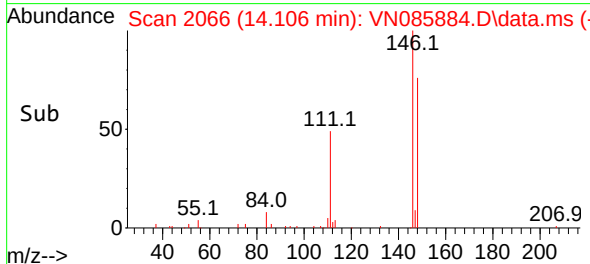
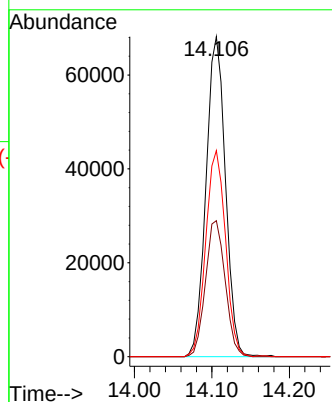
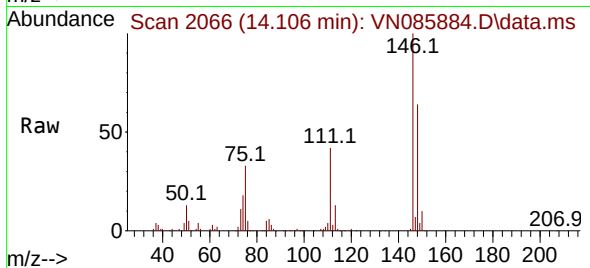
#91
1,2-Dichlorobenzene
Concen: 20.701 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:146 Resp: 11860
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 65.5 32.0 96.2

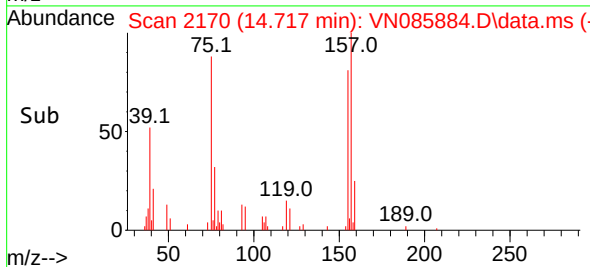
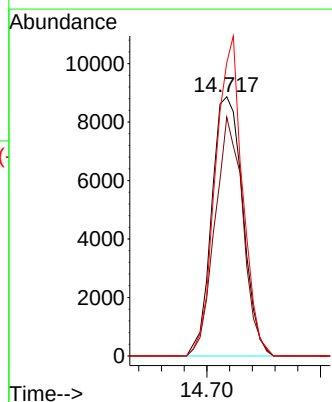
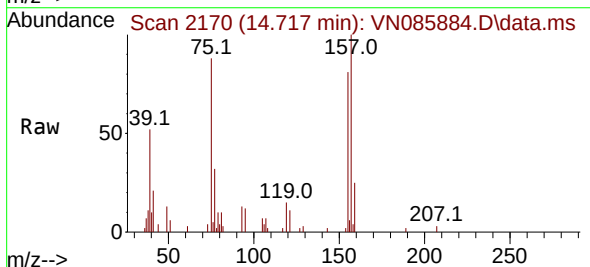
Manual Integrations
APPROVED

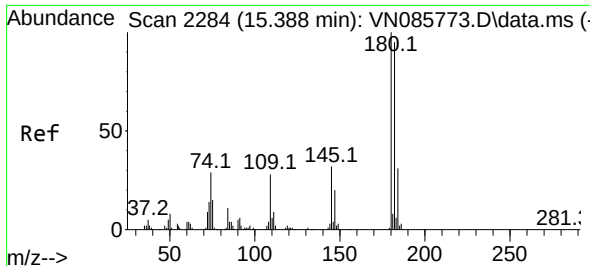
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.602 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

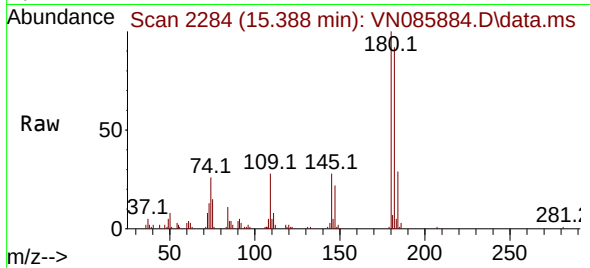
Tgt Ion: 75 Resp: 16811
Ion Ratio Lower Upper
75 100
155 83.5 39.9 119.6
157 107.6 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 19.542 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

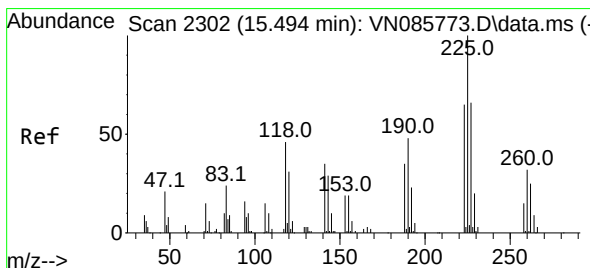
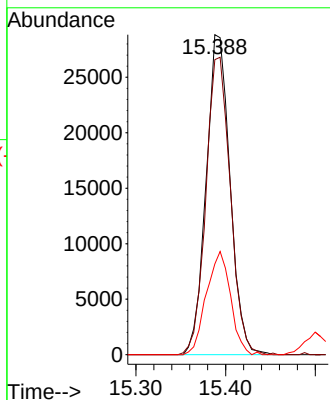
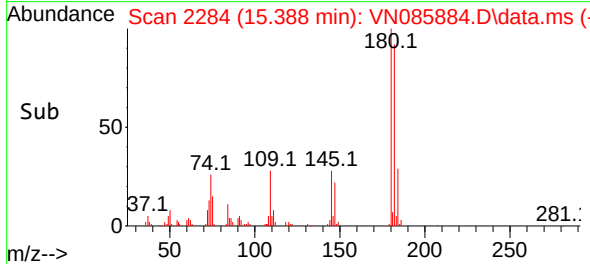
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



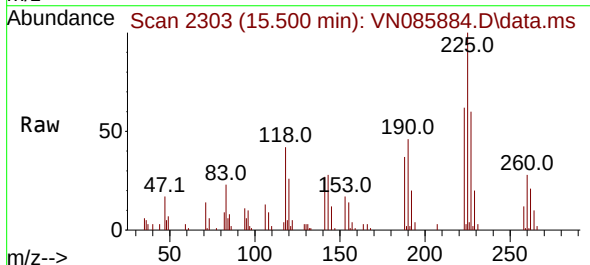
Tgt Ion:180 Resp: 53352
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 32.6 16.2 48.5

Manual Integrations
APPROVED

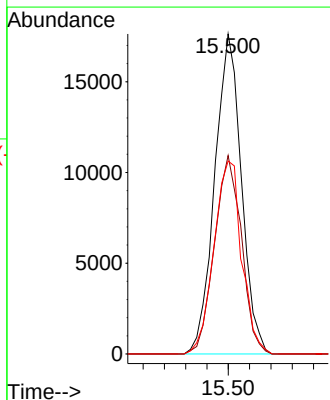
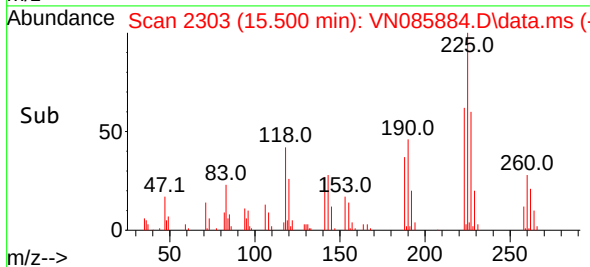
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

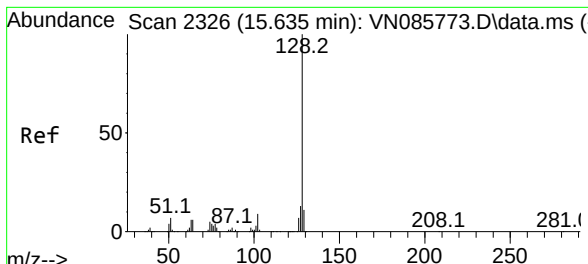


#94
Hexachlorobutadiene
Concen: 18.453 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51



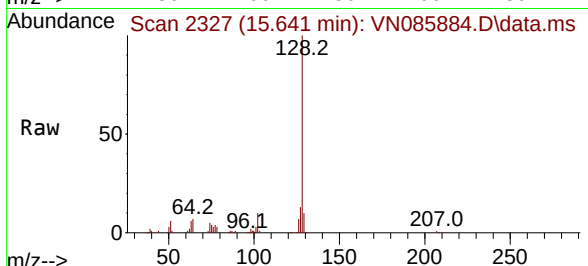
Tgt Ion:225 Resp: 30618
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.5
227 62.9 32.2 96.6





#95
Naphthalene
Concen: 20.446 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

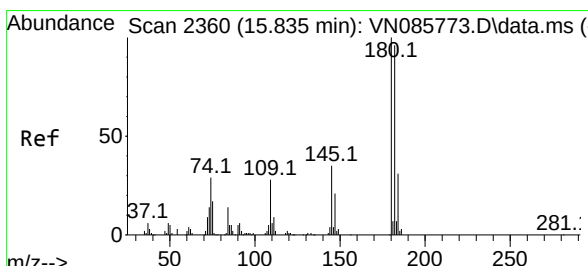
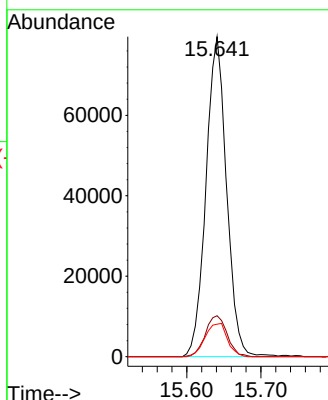
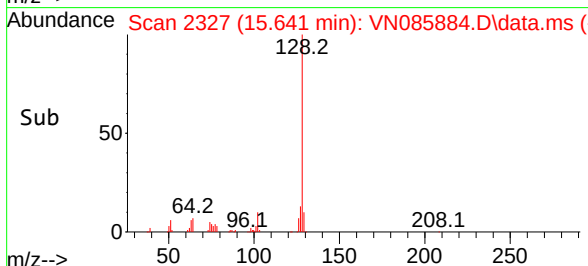
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion:128 Resp: 153248
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.884 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085884.D
Acq: 27 Feb 2025 12:51

Tgt Ion:180 Resp: 54499
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.8
145 33.5 16.9 50.6

