

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085883.D
 Acq On : 27 Feb 2025 12:17
 Operator : JC\MD
 Sample : VN0227WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

Quant Time: Feb 28 01:57:02 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	262348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	421598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	376829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146535	43.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.160%		
35) Dibromofluoromethane	8.165	113	128365	46.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	10.565	98	478989	47.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.847	95	167817	50.746	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	64715	18.135	ug/l	100
3) Chloromethane	2.359	50	62114	17.346	ug/l	99
4) Vinyl Chloride	2.506	62	66090	17.432	ug/l	99
5) Bromomethane	2.953	94	40237	16.598	ug/l	91
6) Chloroethane	3.118	64	42346	16.862	ug/l	93
7) Trichlorofluoromethane	3.495	101	99097	18.053	ug/l	99
8) Diethyl Ether	3.959	74	34259	19.289	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	61268	19.309	ug/l	98
10) Methyl Iodide	4.589	142	70687	18.073	ug/l	97
11) Tert butyl alcohol	5.518	59	50017	119.564	ug/l	99
12) 1,1-Dichloroethene	4.336	96	52754	18.336	ug/l	99
13) Acrolein	4.183	56	47428	76.453	ug/l	95
14) Allyl chloride	5.024	41	67682	17.918	ug/l	93
15) Acrylonitrile	5.718	53	152688	112.274	ug/l	97
16) Acetone	4.424	43	122018	113.377	ug/l	98
17) Carbon Disulfide	4.706	76	138131	16.200	ug/l	100
18) Methyl Acetate	5.030	43	81293	21.961	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	170471	19.940	ug/l	95
20) Methylene Chloride	5.277	84	64687	18.690	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	56613	18.275	ug/l	92
22) Diisopropyl ether	6.671	45	168186	19.705	ug/l #	96
23) Vinyl Acetate	6.600	43	545402	93.326	ug/l	99
24) 1,1-Dichloroethane	6.565	63	110091	18.974	ug/l	98
25) 2-Butanone	7.483	43	181299	114.506	ug/l	94
26) 2,2-Dichloropropane	7.488	77	96021	18.611	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	67178	18.702	ug/l	99
28) Bromochloromethane	7.812	49	55976	23.473	ug/l	98
29) Tetrahydrofuran	7.835	42	116728	114.169	ug/l	97
30) Chloroform	7.959	83	118263	19.504	ug/l	95
31) Cyclohexane	8.259	56	81812	16.841	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	102796	19.061	ug/l	96
36) 1,1-Dichloropropene	8.371	75	74315	19.034	ug/l	99
37) Ethyl Acetate	7.559	43	70906	22.068	ug/l	98
38) Carbon Tetrachloride	8.359	117	89958	19.391	ug/l	98
39) Methylcyclohexane	9.600	83	66848	17.428	ug/l	95
40) Benzene	8.606	78	245235	19.597	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36044	20.985	ug/l	93
42) 1,2-Dichloroethane	8.665	62	78280	19.205	ug/l	98
43) Isopropyl Acetate	8.688	43	115606	20.176	ug/l	98
44) Trichloroethene	9.353	130	56227	18.300	ug/l	99
45) 1,2-Dichloropropane	9.618	63	61203	20.262	ug/l	100
46) Dibromomethane	9.706	93	43290	20.318	ug/l	99
47) Bromodichloromethane	9.882	83	91083	19.982	ug/l	94
48) Methyl methacrylate	9.682	41	50513	21.169	ug/l	94
49) 1,4-Dioxane	9.694	88	25053	552.112	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	367312	118.571	ug/l	98
52) Toluene	10.629	92	155608	21.213	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	86175	20.445	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	95117	20.579	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	61808	21.193	ug/l	97
56) Ethyl methacrylate	10.871	69	83937	21.661	ug/l	97
57) 1,3-Dichloropropane	11.165	76	100696	20.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	180110	127.644	ug/l	100
59) 2-Hexanone	11.194	43	270101	126.741	ug/l	97
60) Dibromochloromethane	11.359	129	74153	21.835	ug/l	97
61) 1,2-Dibromoethane	11.471	107	59399	21.556	ug/l	99
64) Tetrachloroethene	11.106	164	55454	18.996	ug/l	92
65) Chlorobenzene	11.888	112	170713	19.775	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	63234	20.379	ug/l	99
67) Ethyl Benzene	11.965	91	266882	19.736	ug/l	100
68) m/p-Xylenes	12.070	106	218136	42.468	ug/l	98
69) o-Xylene	12.394	106	100324	20.554	ug/l	98
70) Styrene	12.412	104	173071	20.530	ug/l	100
71) Bromoform	12.576	173	51393	22.291	ug/l #	98
73) Isopropylbenzene	12.694	105	246255	18.963	ug/l	99
74) N-amyl acetate	12.494	43	92153	20.123	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	90769	20.312	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	75949m	18.037	ug/l	
77) Bromobenzene	12.976	156	69263	19.742	ug/l	97
78) n-propylbenzene	13.035	91	295854	19.893	ug/l	99
79) 2-Chlorotoluene	13.123	91	192091	19.331	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	218698	20.674	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	29851m	20.685	ug/l	
82) 4-Chlorotoluene	13.217	91	196544	19.952	ug/l	100
83) tert-Butylbenzene	13.435	119	177829	19.990	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	214841	20.527	ug/l	99
85) sec-Butylbenzene	13.617	105	245391	19.524	ug/l	100
86) p-Isopropyltoluene	13.729	119	202785	18.915	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	126638	19.266	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	127028	18.855	ug/l	99
89) n-Butylbenzene	14.059	91	155589	17.436	ug/l	98
90) Hexachloroethane	14.329	117	45392	19.070	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	123882	19.598	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17059	20.789	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	54584	18.122	ug/l	98
94) Hexachlorobutadiene	15.500	225	32257	17.622	ug/l	98
95) Naphthalene	15.641	128	153451	18.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	55738	18.433	ug/l	100

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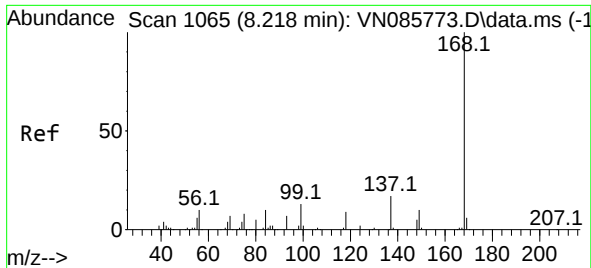
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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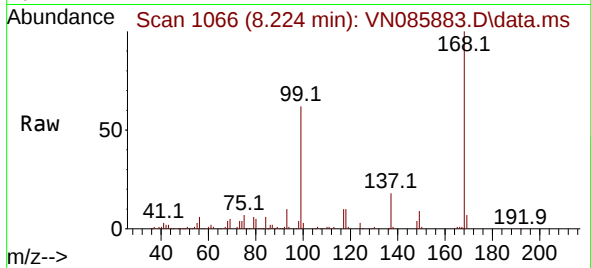
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
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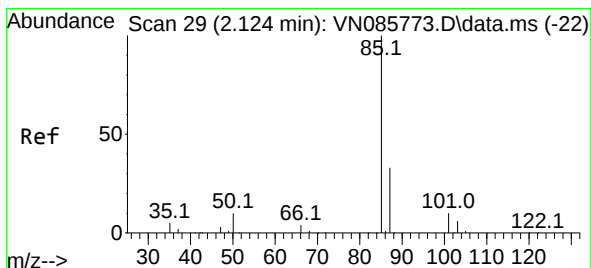
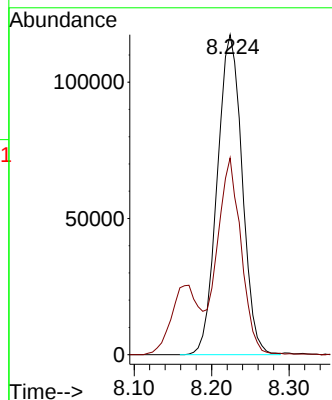
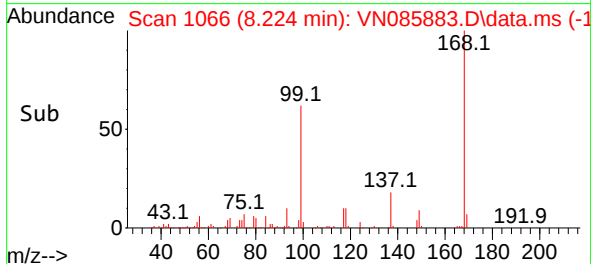
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion:168 Resp: 262348
Ion Ratio Lower Upper
168 100
99 61.1 47.9 71.9

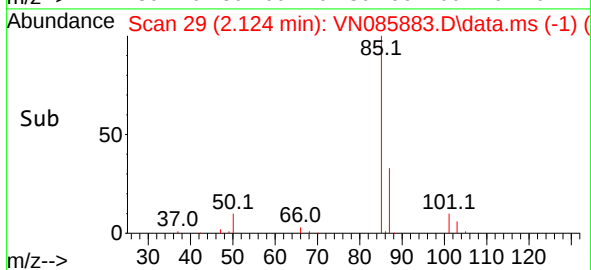
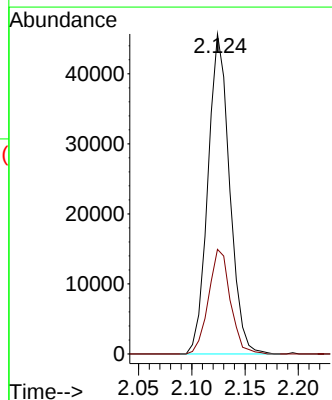
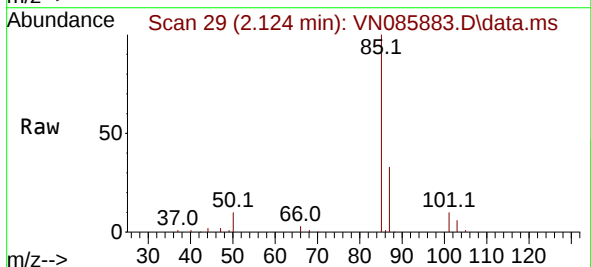
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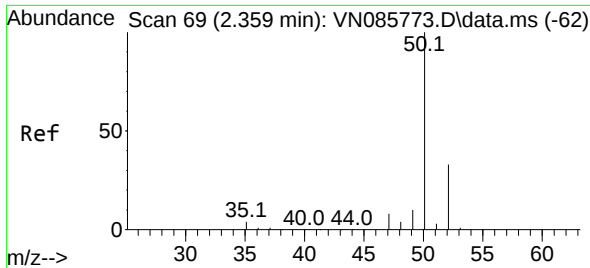
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#2
Dichlorodifluoromethane
Concen: 18.135 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

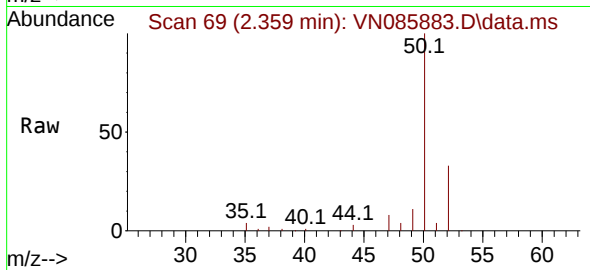
Tgt Ion: 85 Resp: 64715
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2





#3
Chloromethane
Concen: 17.346 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

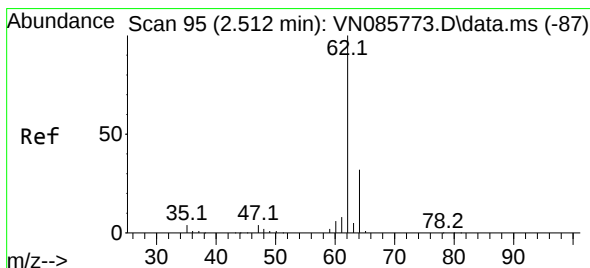
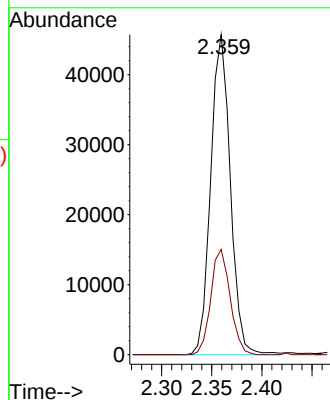
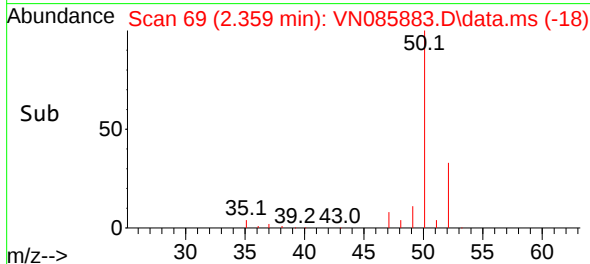
Instrument :
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Tgt Ion: 50 Resp: 62114
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1

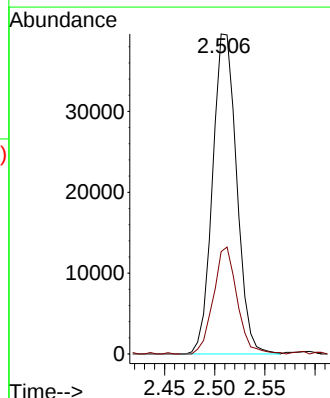
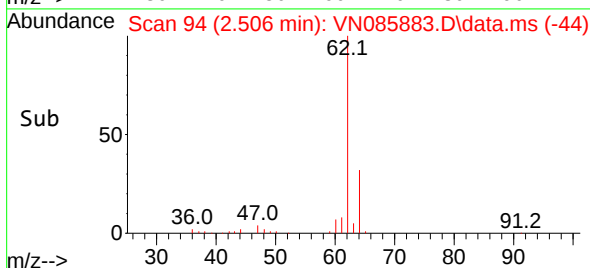
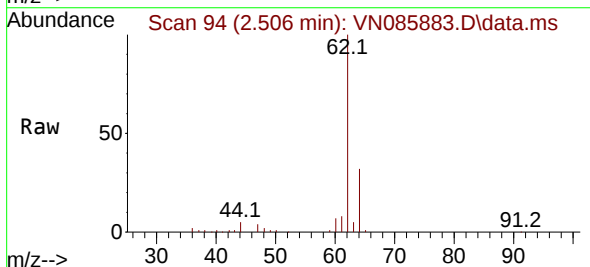
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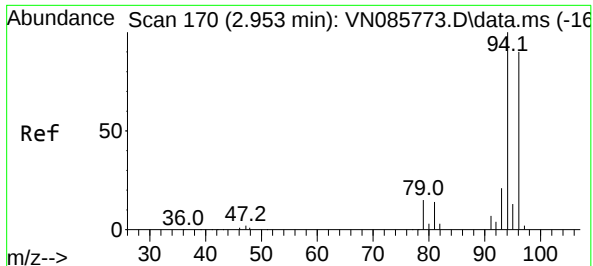
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#4
Vinyl Chloride
Concen: 17.432 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

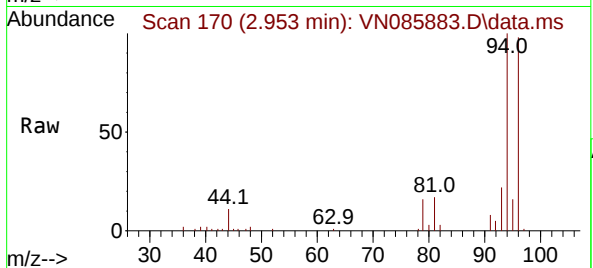
Tgt Ion: 62 Resp: 66090
Ion Ratio Lower Upper
62 100
64 32.0 25.9 38.9





#5
Bromomethane
Concen: 16.598 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

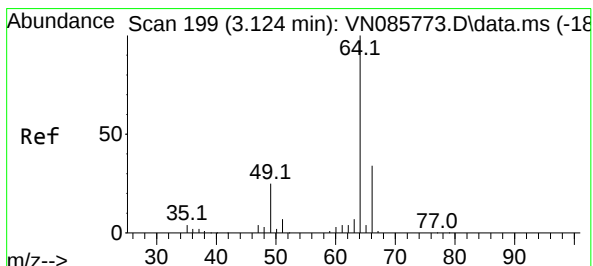
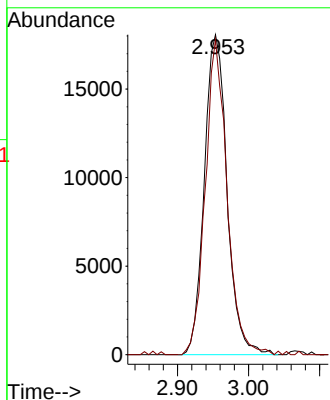
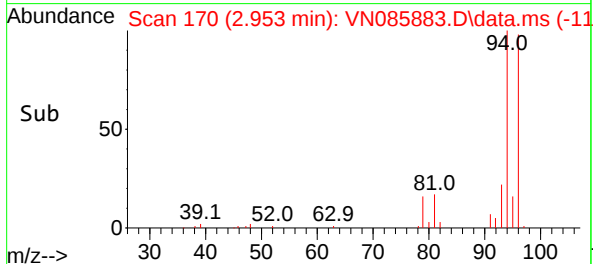
Instrument :
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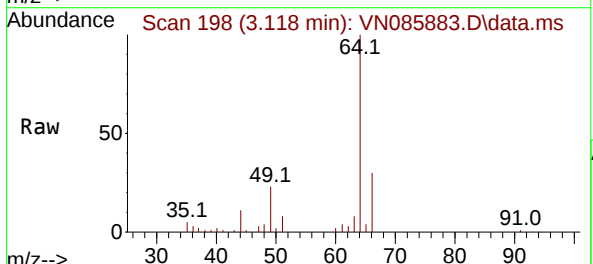
Tgt Ion: 94 Resp: 4023
Ion Ratio Lower Upper
94 100
96 98.5 71.7 107.5

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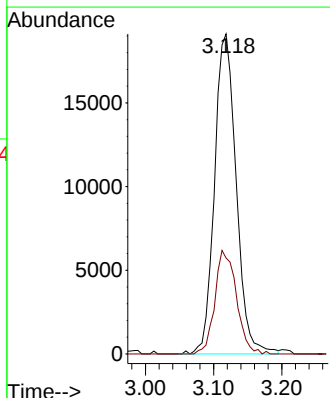
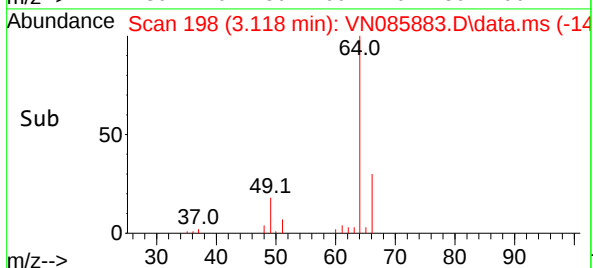
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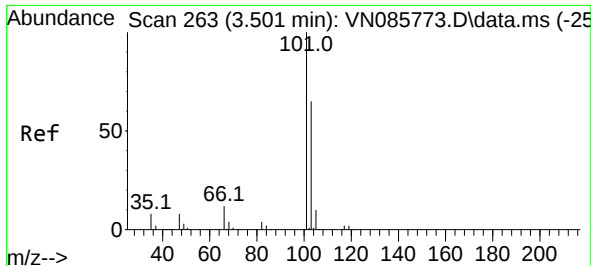


#6
Chloroethane
Concen: 16.862 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085883.D
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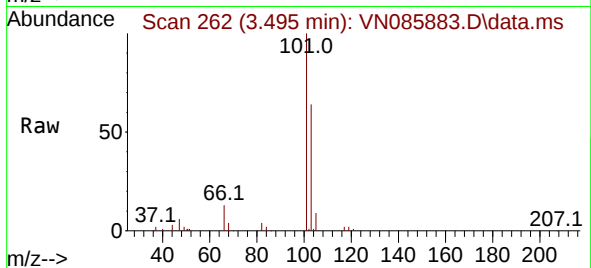
Tgt Ion: 64 Resp: 42346
Ion Ratio Lower Upper
64 100
66 30.0 27.0 40.6





#7
Trichlorofluoromethane
Concen: 18.053 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN085883.D
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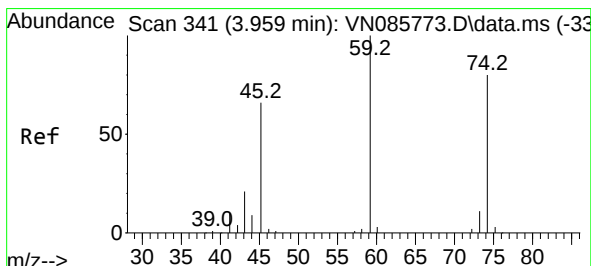
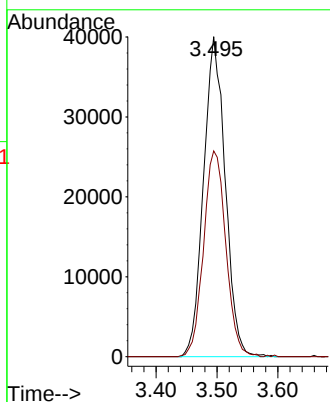
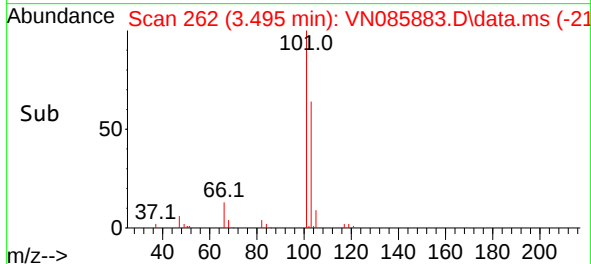
Instrument :
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Tgt Ion:101 Resp: 9909
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

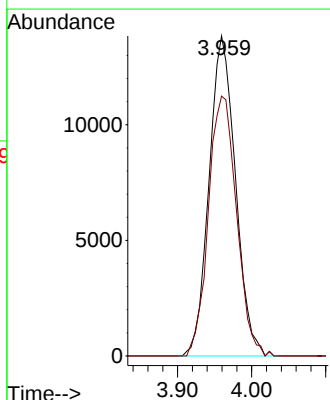
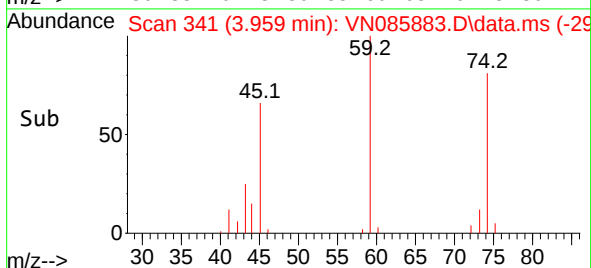
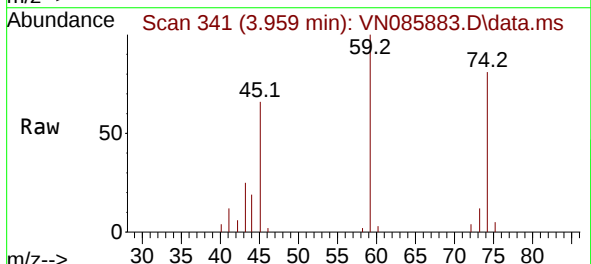
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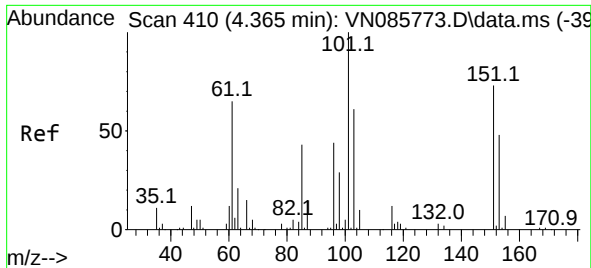
Reviewed By :John Carlone 02/28/2025
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#8
Diethyl Ether
Concen: 19.289 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN085883.D
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Tgt Ion: 74 Resp: 34259
Ion Ratio Lower Upper
74 100
45 86.4 42.5 127.6





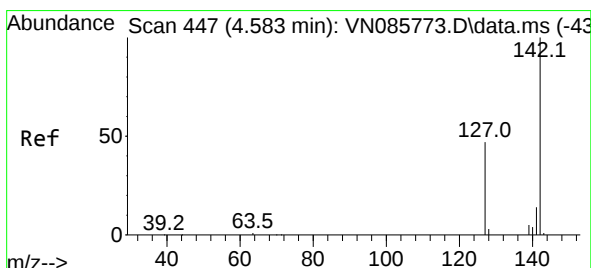
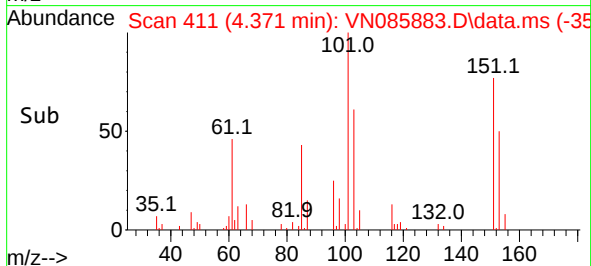
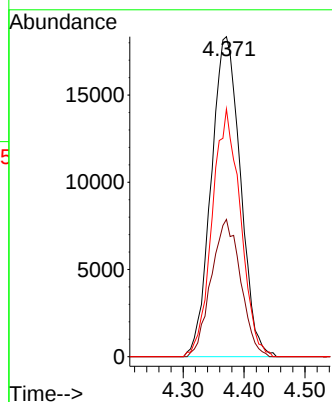
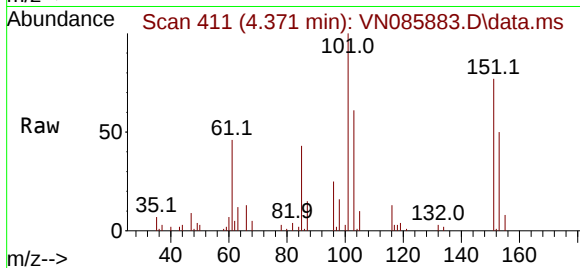
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.309 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion:101 Resp: 61268
Ion Ratio Lower Upper
101 100
85 43.1 35.7 53.5
151 74.8 61.4 92.2

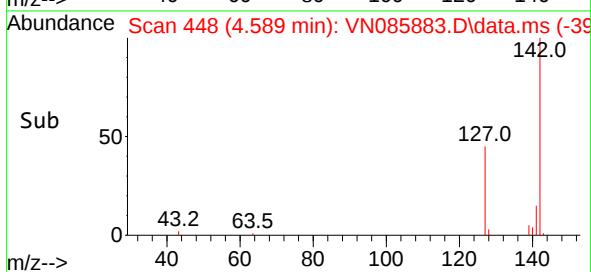
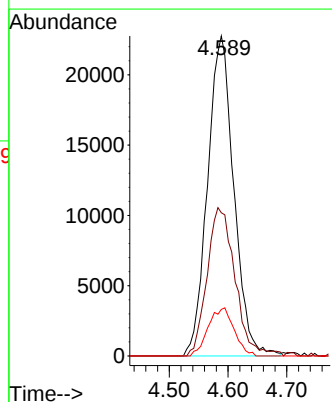
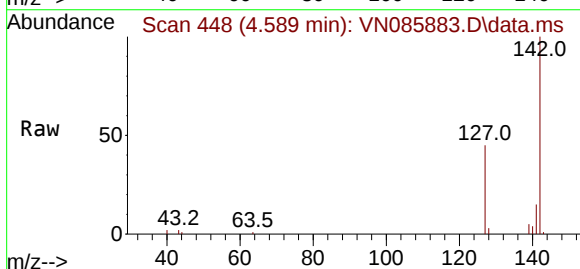
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 18.073 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Tgt Ion:142 Resp: 70687
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.5 11.4 17.2





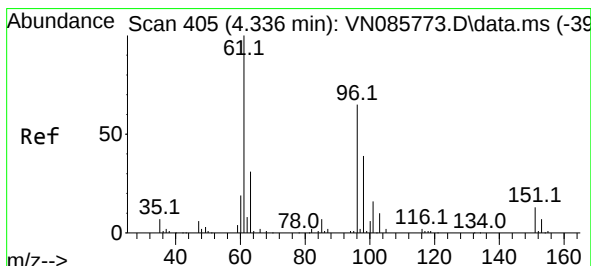
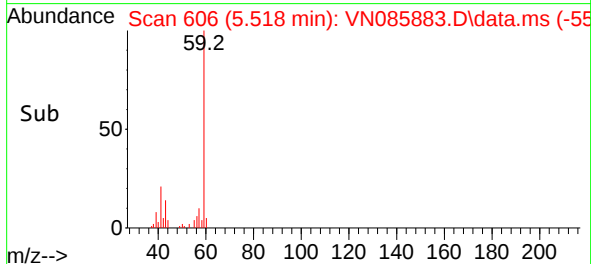
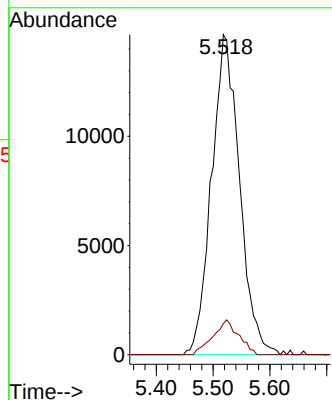
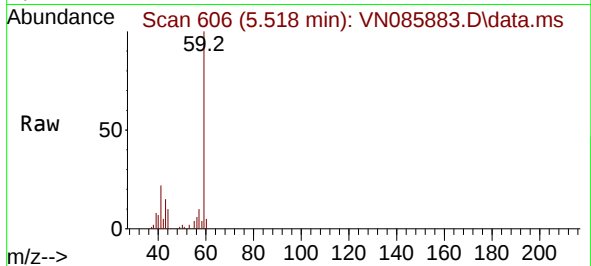
#11
Tert butyl alcohol
Concen: 119.564 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 59 Resp: 5001
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

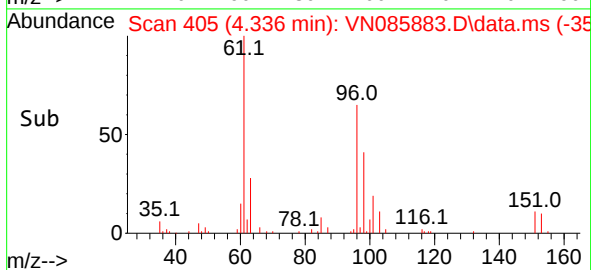
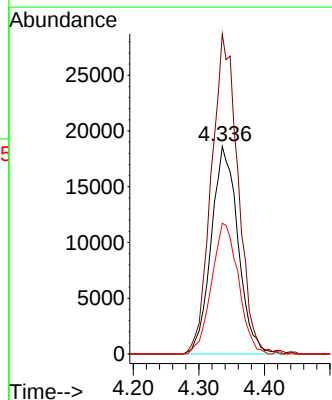
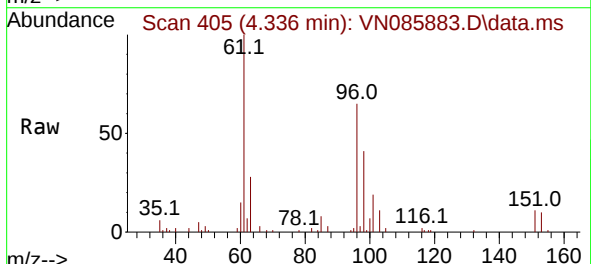
Manual Integrations
APPROVED

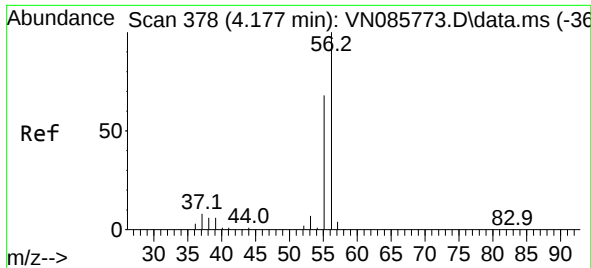
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#12
1,1-Dichloroethene
Concen: 18.336 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

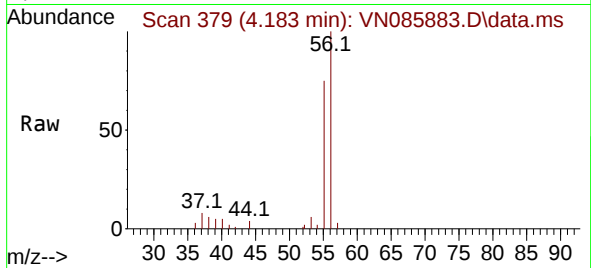
Tgt Ion: 96 Resp: 52754
Ion Ratio Lower Upper
96 100
61 154.2 123.3 184.9
98 63.0 48.6 72.8





#13
Acrolein
Concen: 76.453 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

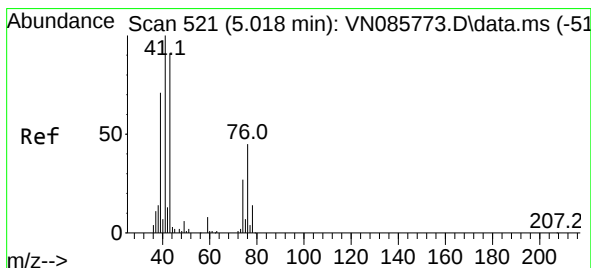
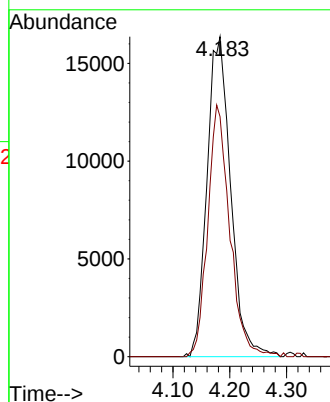
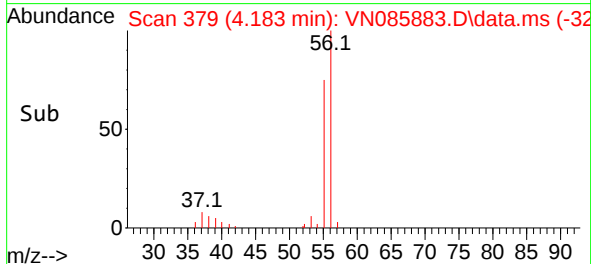
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 56 Resp: 47428
Ion Ratio Lower Upper
56 100
55 72.9 55.3 82.9

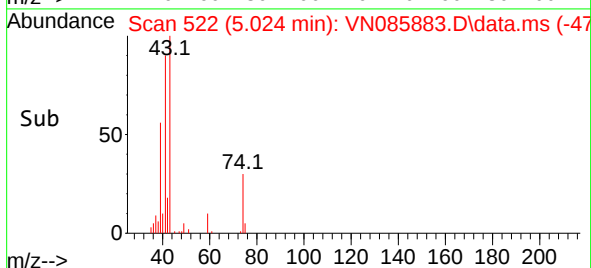
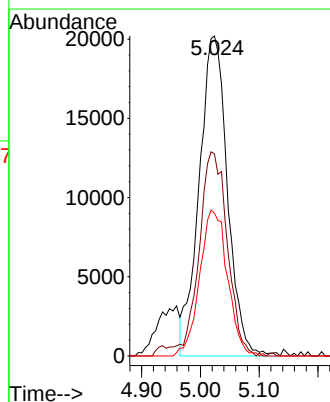
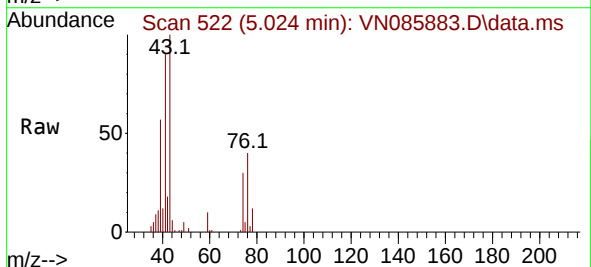
Manual Integrations
APPROVED

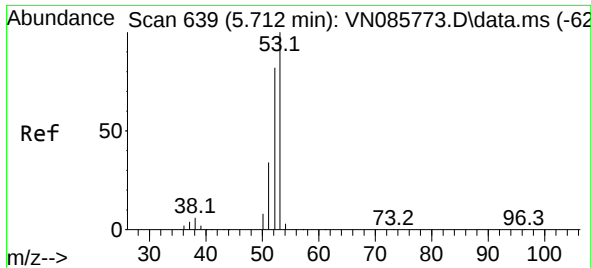
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#14
Allyl chloride
Concen: 17.918 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

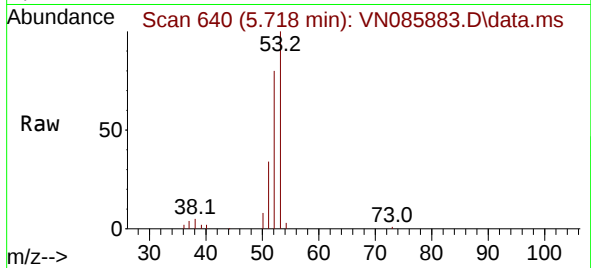
Tgt Ion: 41 Resp: 67682
Ion Ratio Lower Upper
41 100
39 63.3 57.4 86.2
76 44.7 36.2 54.2





#15
Acrylonitrile
Concen: 112.274 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

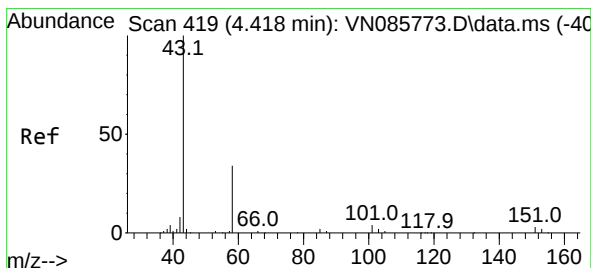
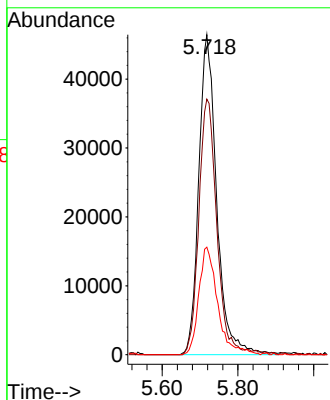
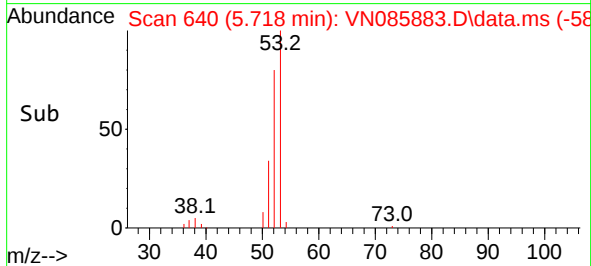
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



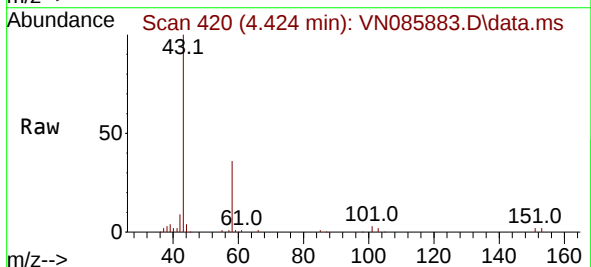
Tgt Ion: 53 Resp: 152688
Ion Ratio Lower Upper
53 100
52 79.1 65.8 98.6
51 35.3 28.6 42.8

Manual Integrations
APPROVED

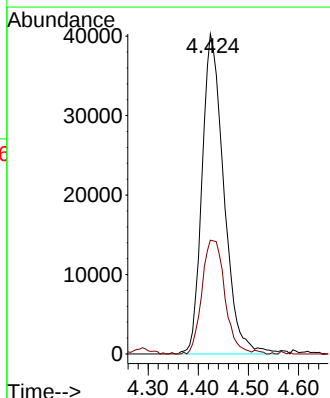
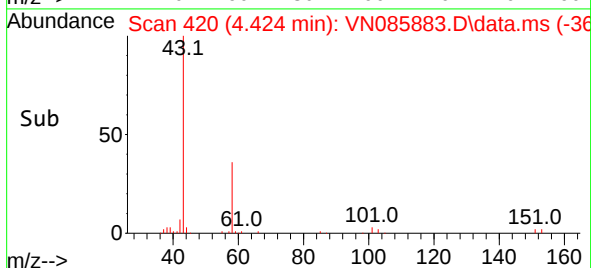
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

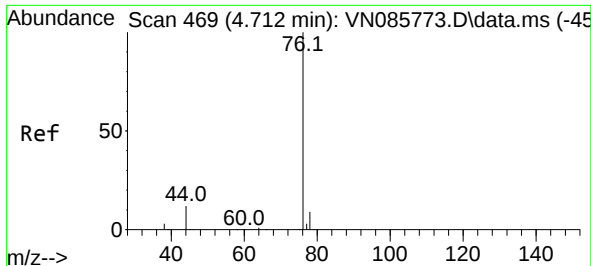


#16
Acetone
Concen: 113.377 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



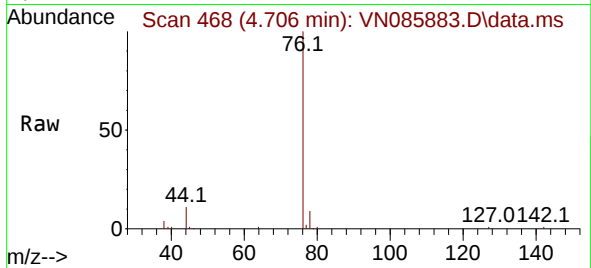
Tgt Ion: 43 Resp: 122018
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3





#17
Carbon Disulfide
Concen: 16.200 ug/l
RT: 4.706 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

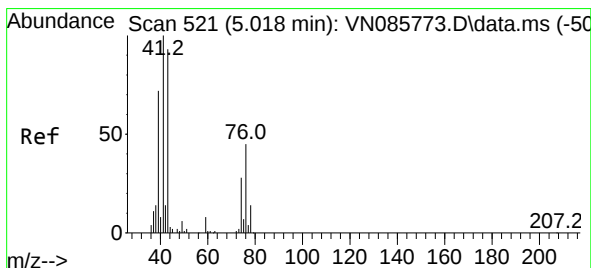
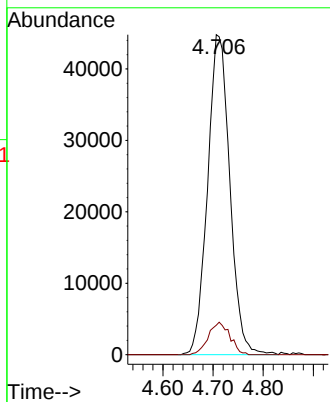
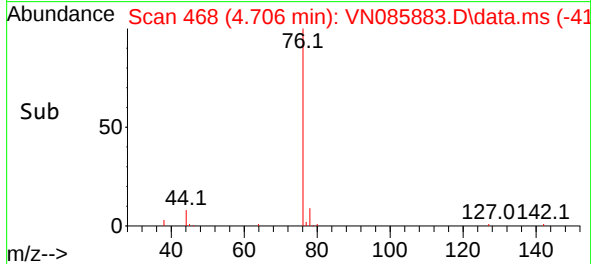
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 76 Resp: 13813
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

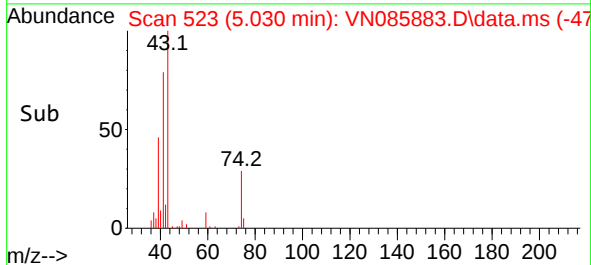
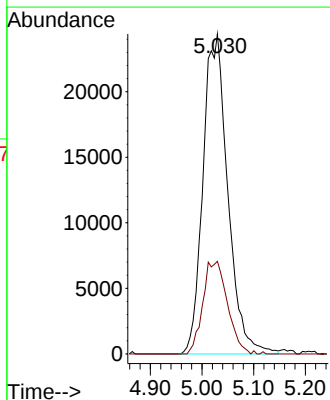
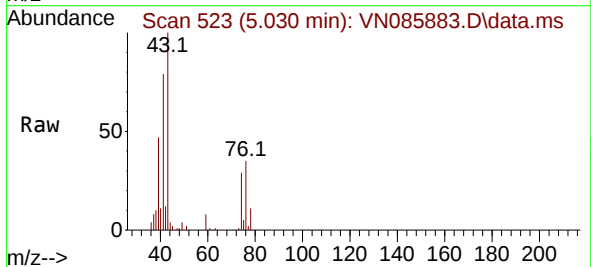
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 21.961 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Tgt Ion: 43 Resp: 81293
Ion Ratio Lower Upper
43 100
74 28.7 22.2 33.4





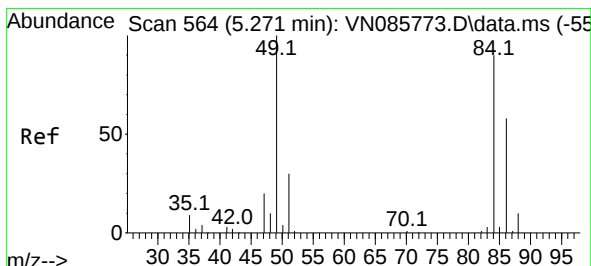
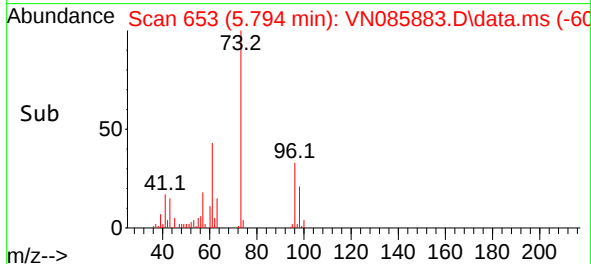
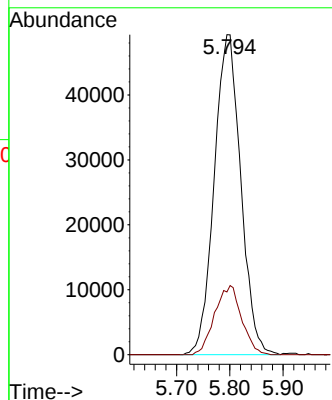
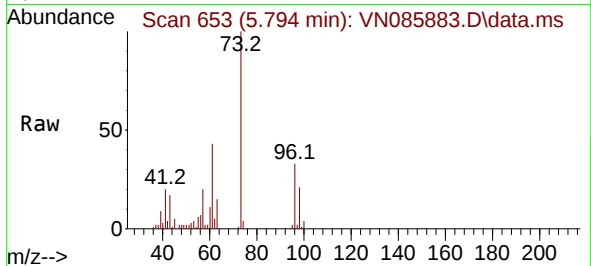
#19
Methyl tert-butyl Ether
Concen: 19.940 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 73 Resp: 17047
Ion Ratio Lower Upper
73 100
57 19.6 17.6 26.4

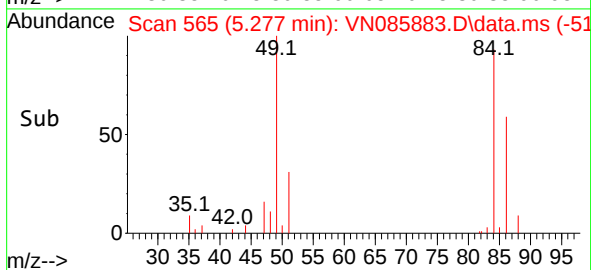
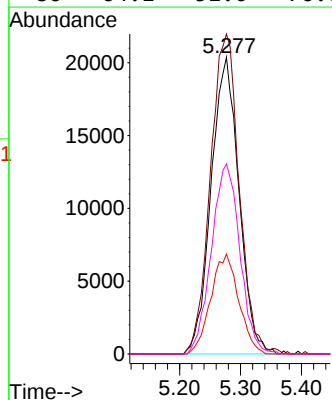
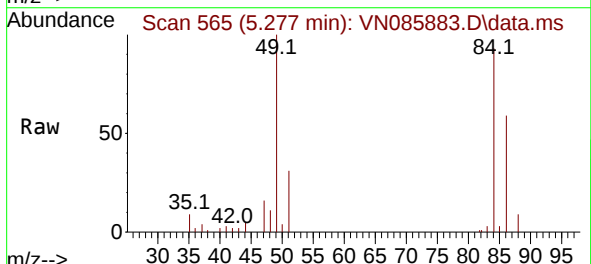
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 18.690 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

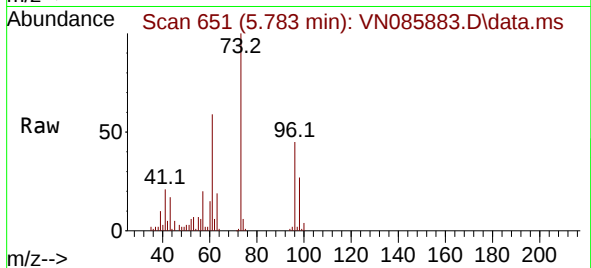
Tgt Ion: 84 Resp: 64687
Ion Ratio Lower Upper
84 100
49 107.8 88.4 132.6
51 33.6 26.6 40.0
86 64.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.275 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

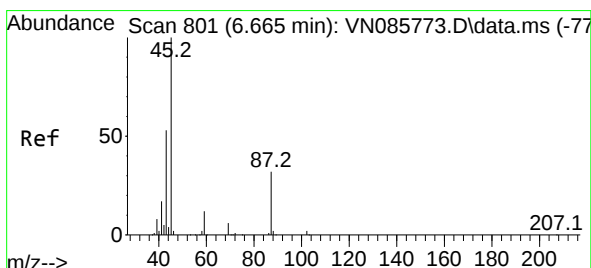
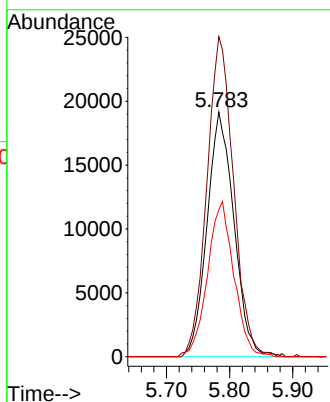
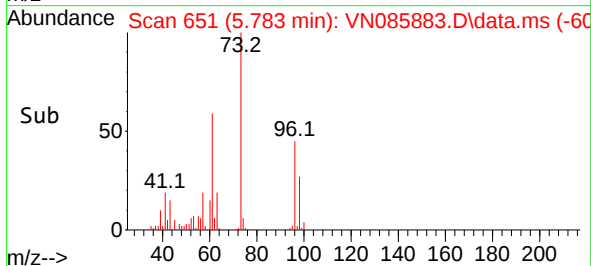
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



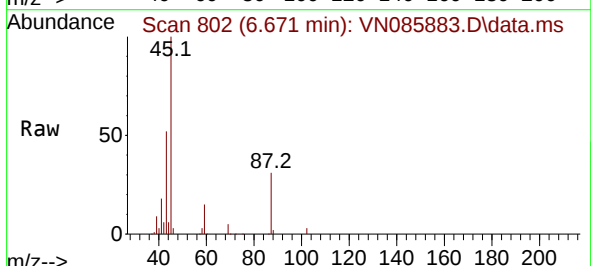
Tgt Ion: 96 Resp: 5661
Ion Ratio Lower Upper
96 100
61 130.8 112.6 168.8
98 60.0 53.3 79.9

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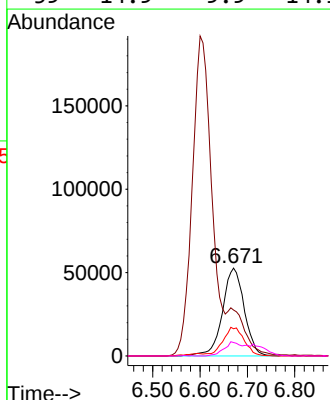
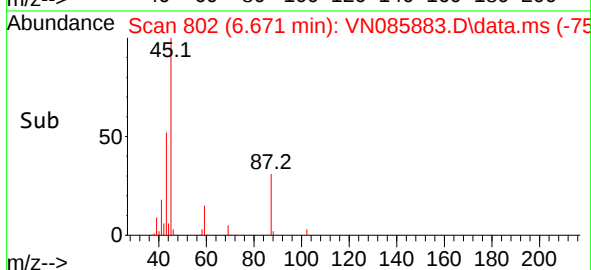
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 19.705 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



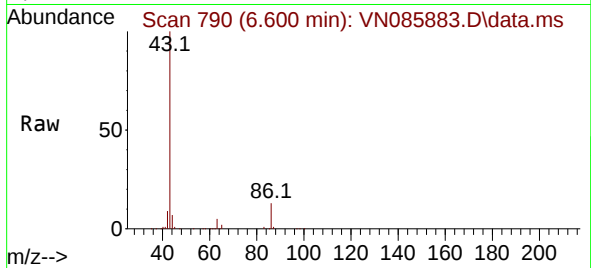
Tgt Ion: 45 Resp: 168186
Ion Ratio Lower Upper
45 100
43 50.4 42.6 64.0
87 30.9 25.8 38.8
59 14.9 9.9 14.9#





#23
 Vinyl Acetate
 Concen: 93.326 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085883.D
 Acq: 27 Feb 2025 12:17

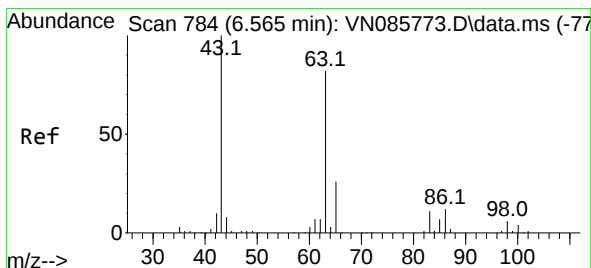
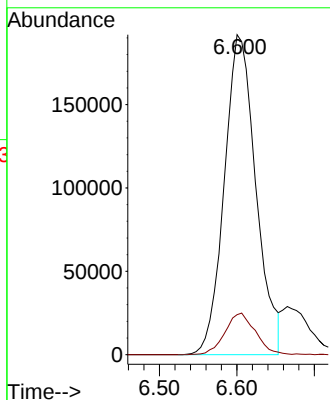
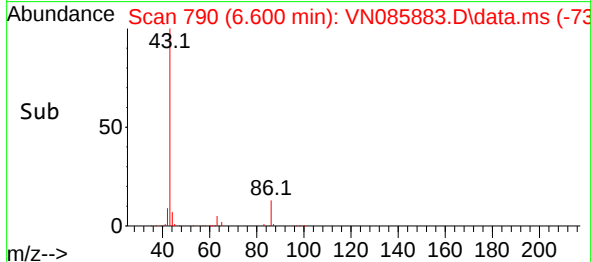
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01



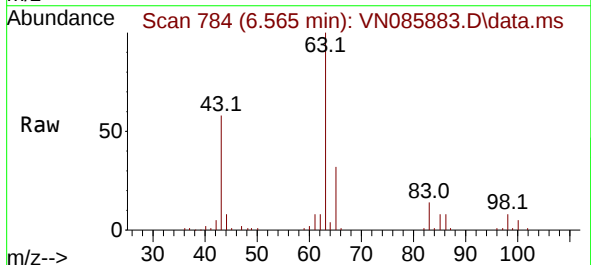
Tgt Ion: 43 Resp: 54540
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.8

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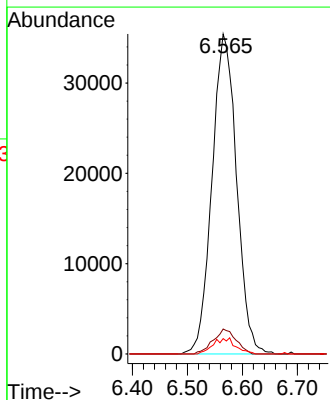
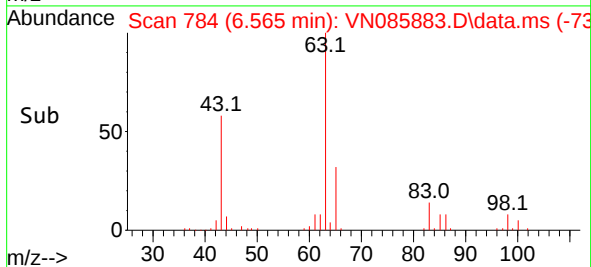
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

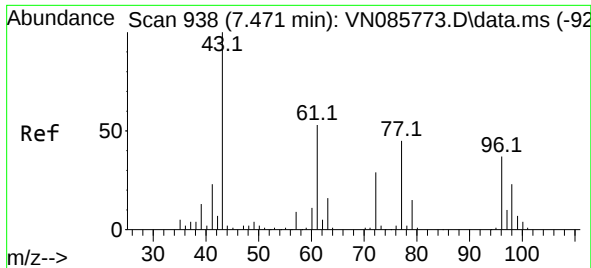


#24
 1,1-Dichloroethane
 Concen: 18.974 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085883.D
 Acq: 27 Feb 2025 12:17



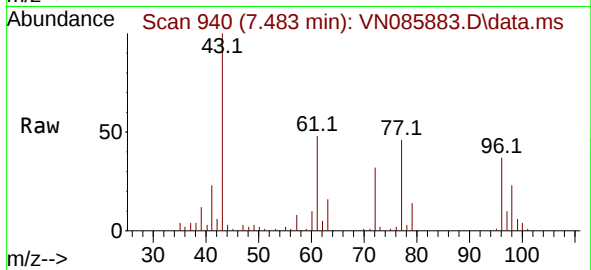
Tgt Ion: 63 Resp: 110091
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 4.8 2.4 7.2





#25
2-Butanone
Concen: 114.506 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

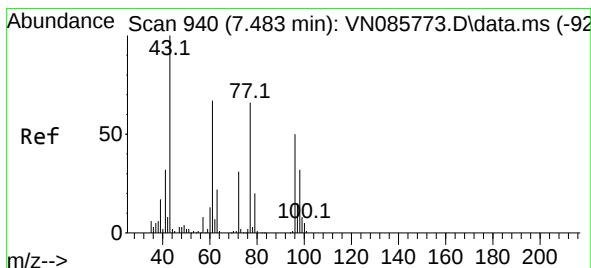
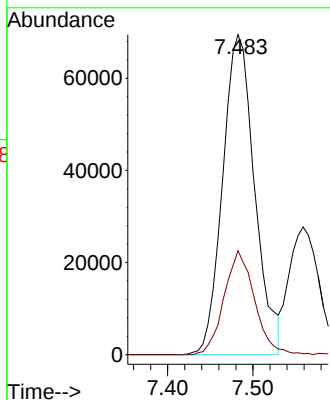
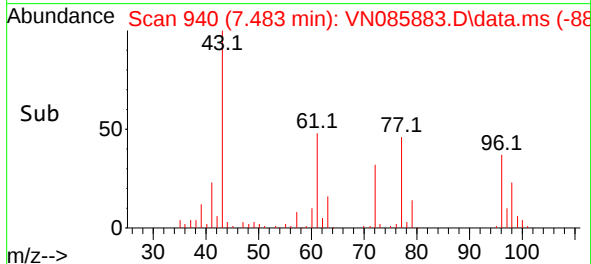
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



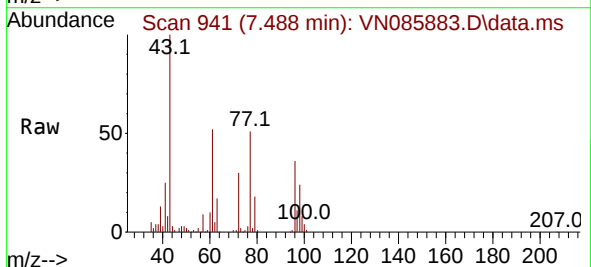
Tgt Ion: 43 Resp: 181299
Ion Ratio Lower Upper
43 100
72 32.5 23.6 35.4

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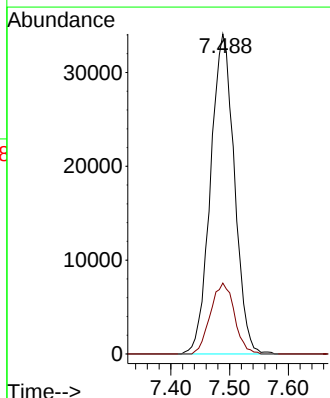
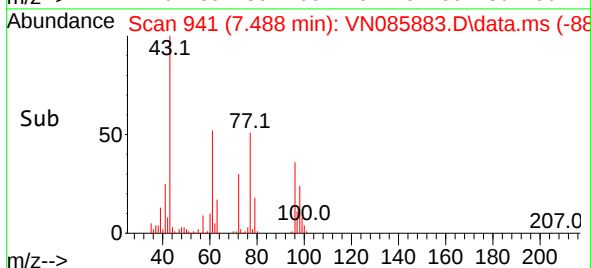
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

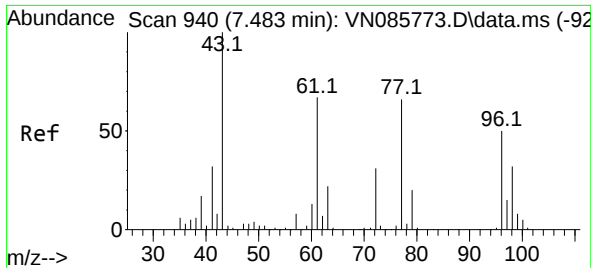


#26
2,2-Dichloropropane
Concen: 18.611 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



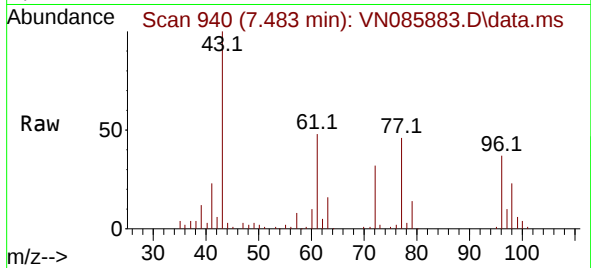
Tgt Ion: 77 Resp: 96021
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.702 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085883.D
 Acq: 27 Feb 2025 12:17

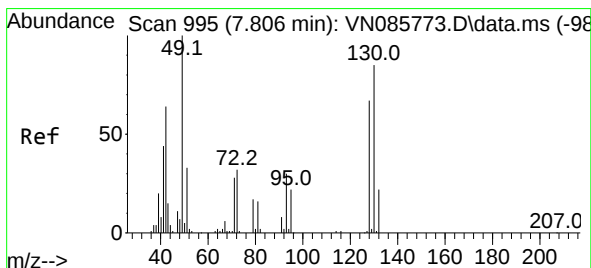
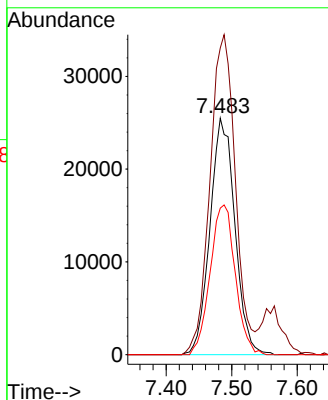
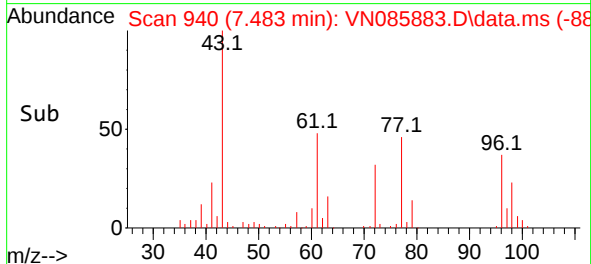
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01



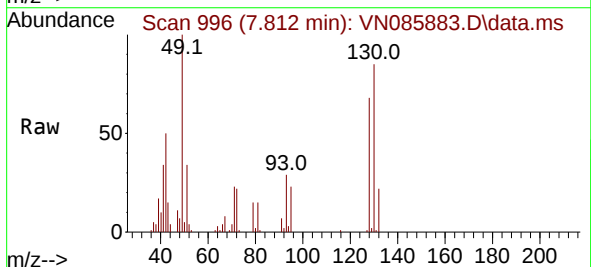
Tgt Ion: 96 Resp: 67178
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 280.6
 98 63.9 0.0 128.6

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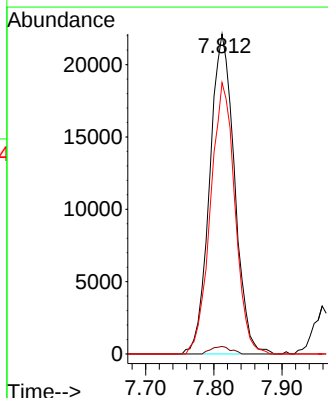
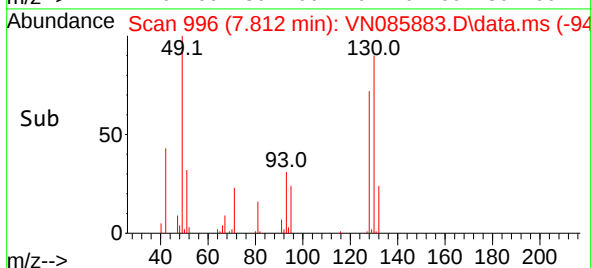
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

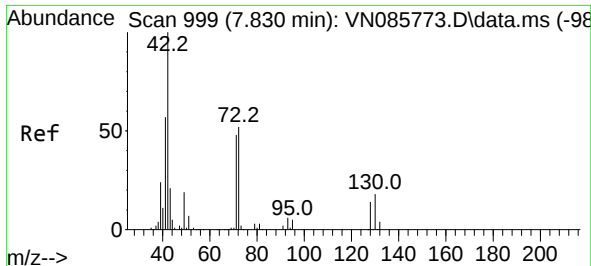


#28
 Bromochloromethane
 Concen: 23.473 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085883.D
 Acq: 27 Feb 2025 12:17



Tgt Ion: 49 Resp: 55976
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 83.5 68.0 102.0





#29

Tetrahydrofuran

Concen: 114.169 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

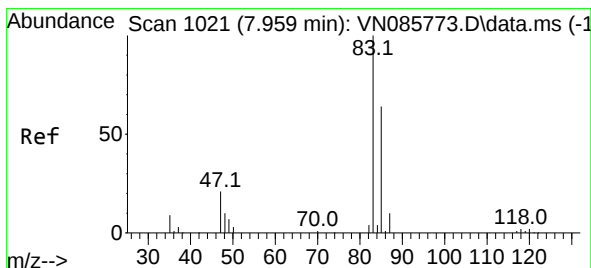
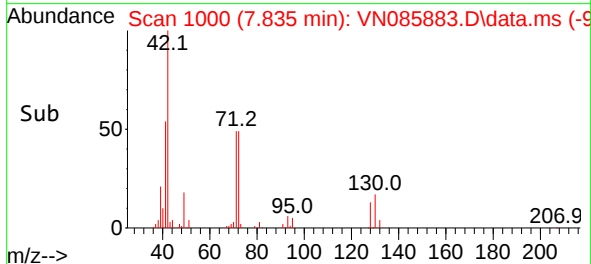
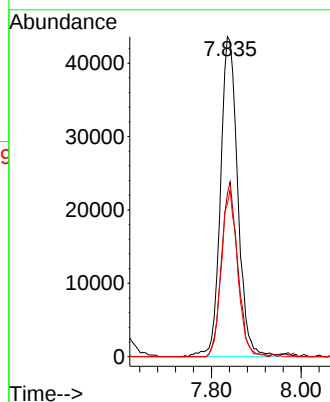
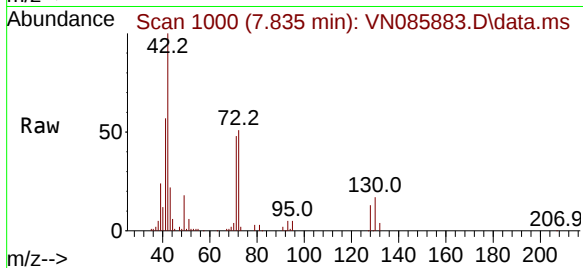
Tgt Ion:	42	Resp:	116728
Ion	Ratio	Lower	Upper
42	100		
72	51.0	40.0	60.0
71	48.9	37.0	55.4

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#30

Chloroform

Concen: 19.504 ug/l

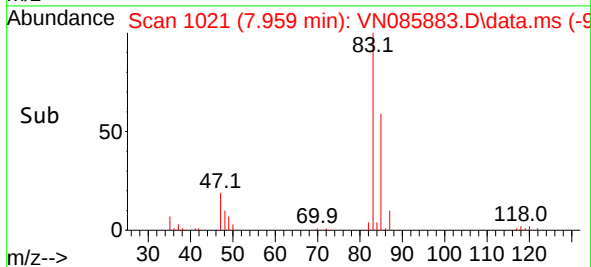
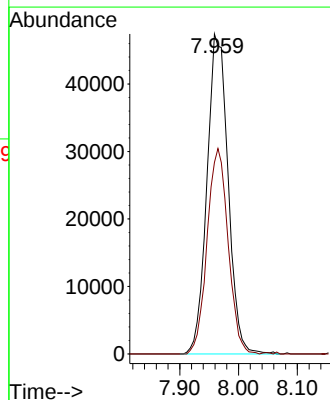
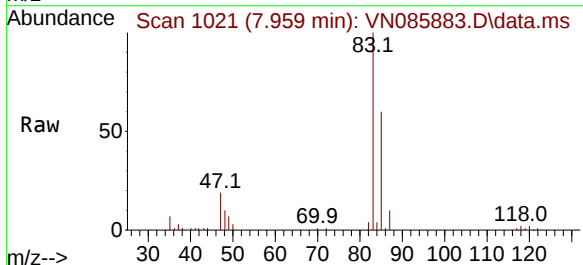
RT: 7.959 min Scan# 1021

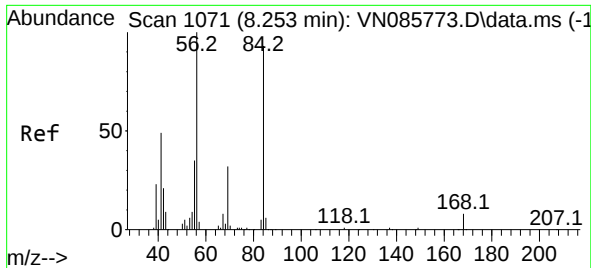
Delta R.T. -0.000 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

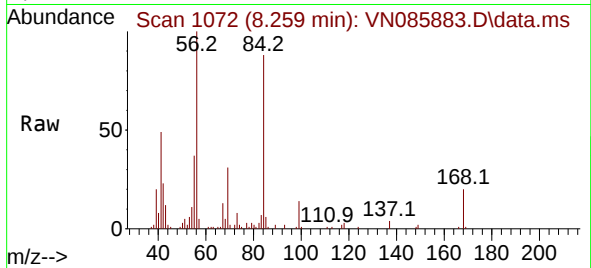
Tgt Ion:	83	Resp:	118263
Ion	Ratio	Lower	Upper
83	100		
85	59.8	50.9	76.3





#31
Cyclohexane
Concen: 16.841 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

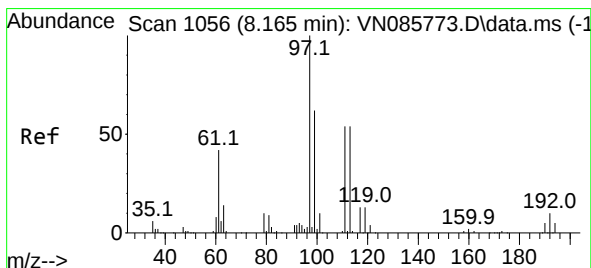
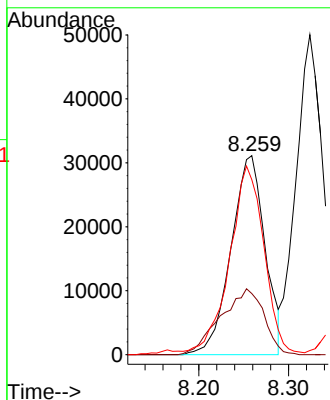
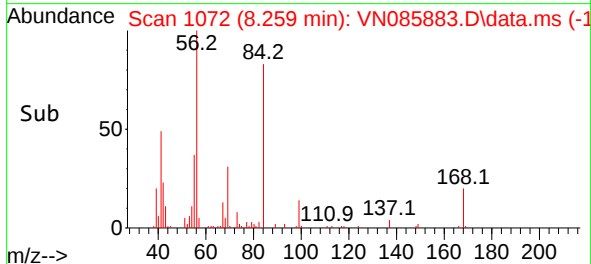
Instrument :
MSVOA_N
Client Sample Id :
VN0227WBS01



Tgt Ion: 56 Resp: 8181
Ion Ratio Lower Upper
56 100
69 30.7 25.8 38.6
84 86.2 74.5 111.7

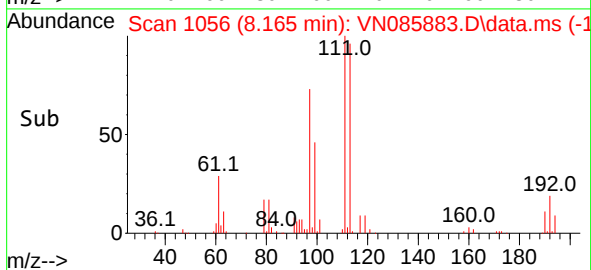
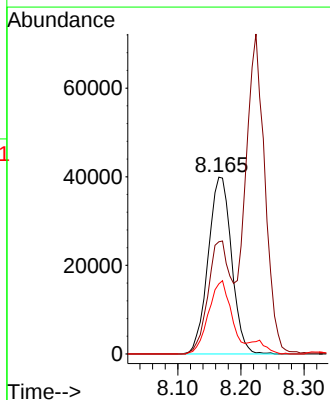
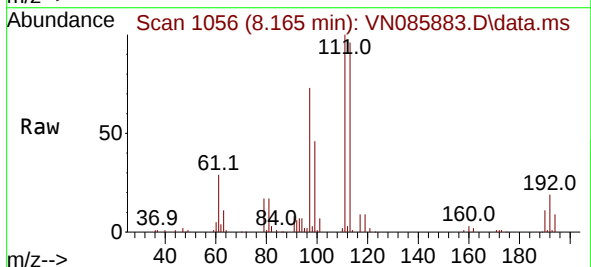
Manual Integrations
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Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 19.061 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Tgt Ion: 97 Resp: 102796
Ion Ratio Lower Upper
97 100
99 61.1 50.4 75.6
61 40.6 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 43.083 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 65 Resp: 14653

Ion Ratio Lower Upper

65 100

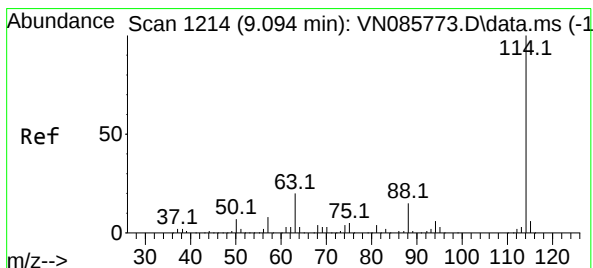
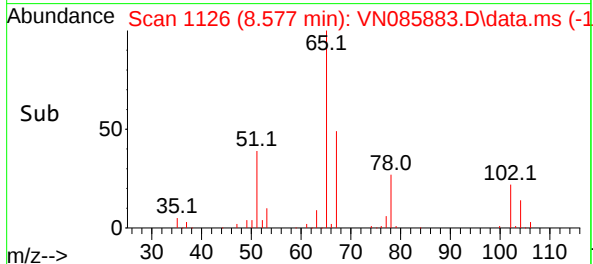
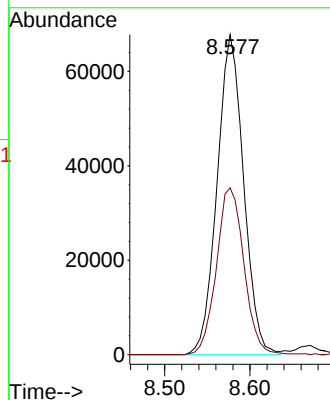
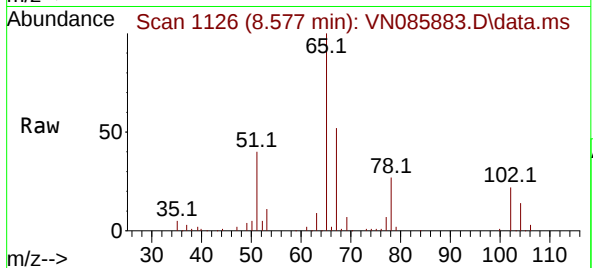
67 54.1 0.0 106.2

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: VN085883.D

Acq: 27 Feb 2025 12:17

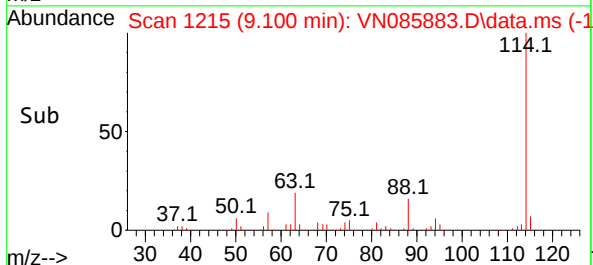
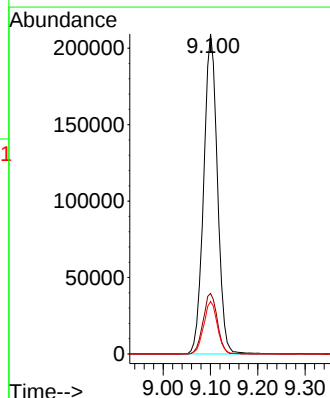
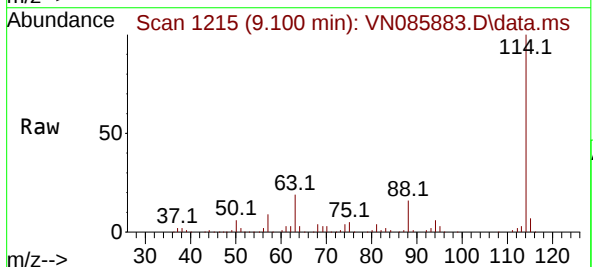
Tgt Ion:114 Resp: 421598

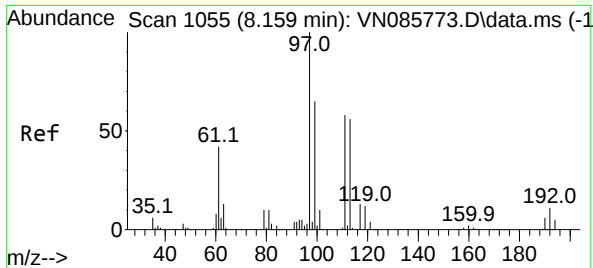
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

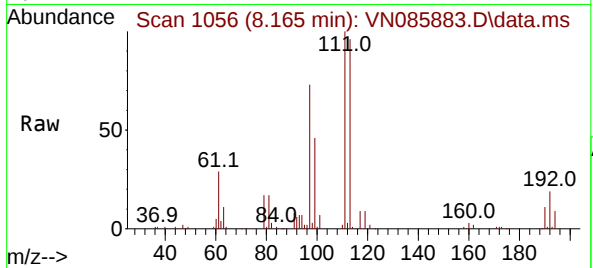
88 16.4 0.0 30.0





#35
Dibromofluoromethane
Concen: 46.530 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

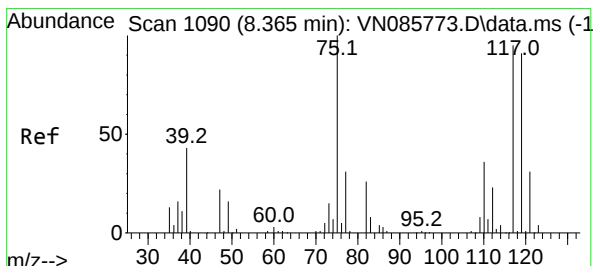
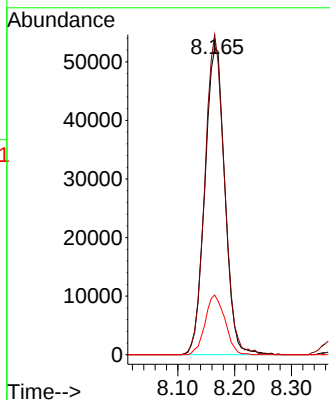
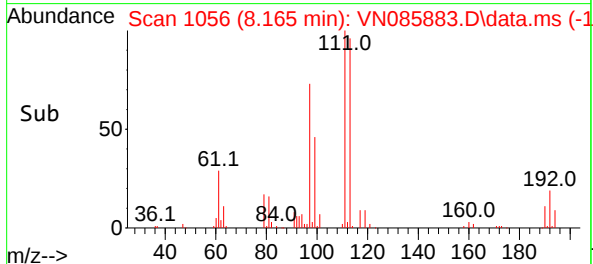
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 113 Resp: 12836
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 19.2 14.7 22.1

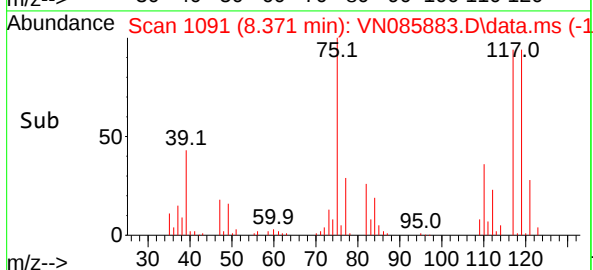
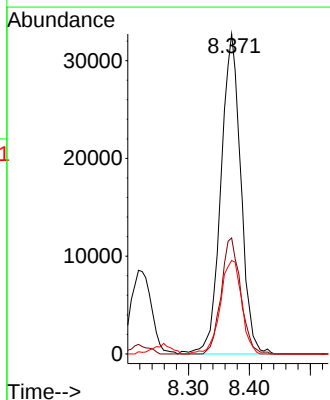
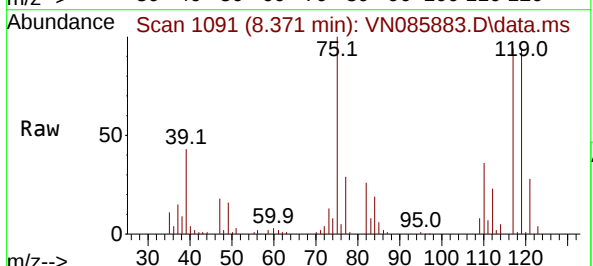
Manual Integrations
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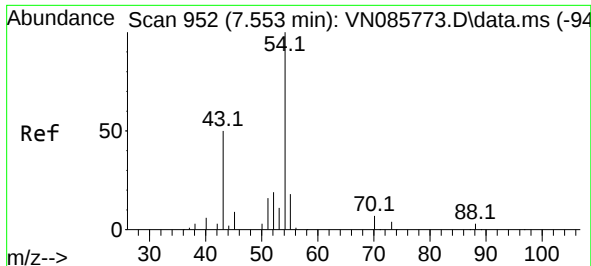
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#36
1,1-Dichloropropene
Concen: 19.034 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Tgt Ion: 75 Resp: 74315
Ion Ratio Lower Upper
75 100
110 35.4 17.3 52.0
77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 22.068 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

Instrument :

MSVOA_N

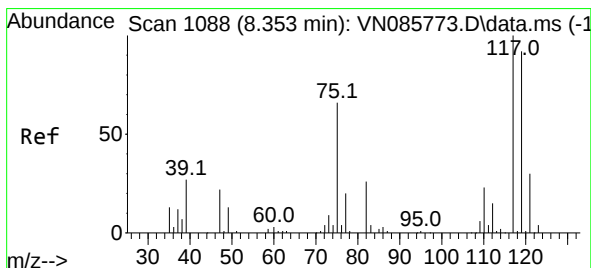
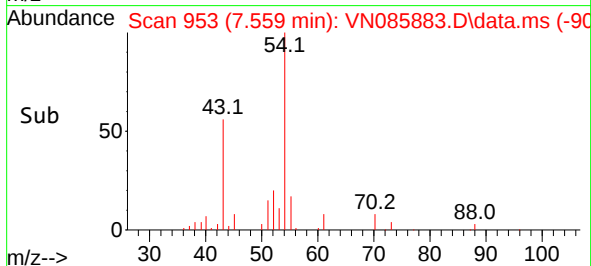
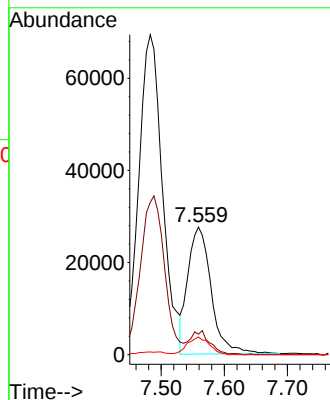
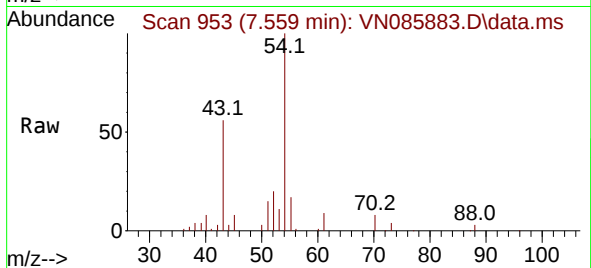
ClientSampleId :

VN0227WBS01

Tgt Ion: 43 Resp: 70900
 Ion Ratio Lower Upper
 43 100
 61 16.0 12.2 18.2
 70 13.1 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: 19.391 ug/l

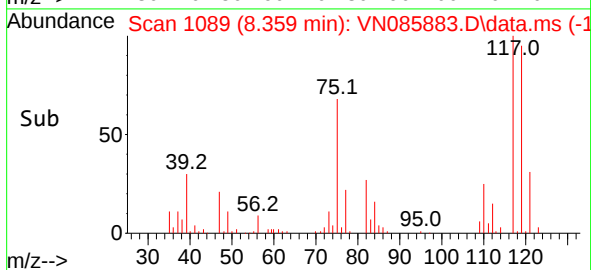
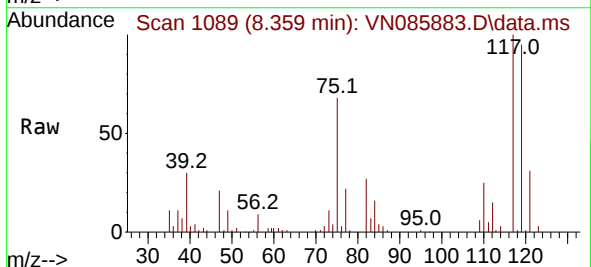
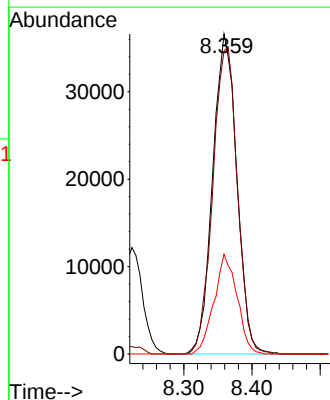
RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

Tgt Ion:117 Resp: 89958
 Ion Ratio Lower Upper
 117 100
 119 94.7 73.8 110.6
 121 31.1 24.3 36.5





#39

Methylcyclohexane

Concen: 17.428 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

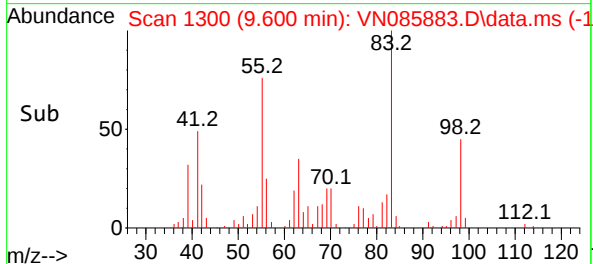
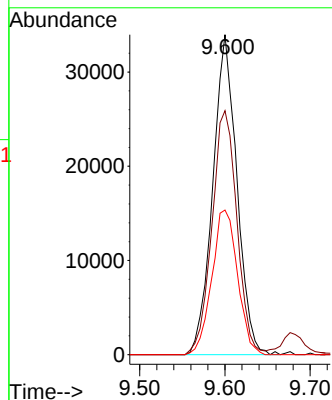
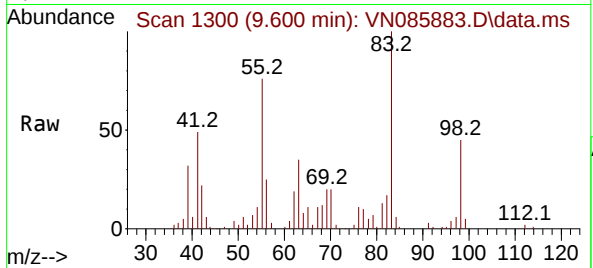
Tgt Ion: 83 Resp: 66848
 Ion Ratio Lower Upper
 83 100
 55 76.2 57.5 86.3
 98 45.2 39.2 58.8

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 19.597 ug/l

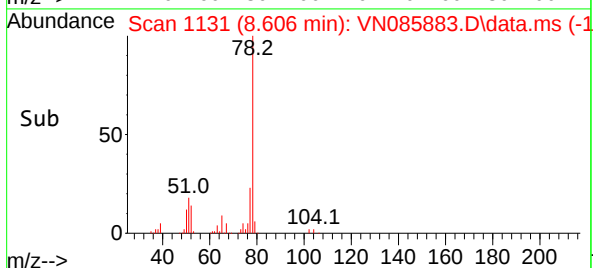
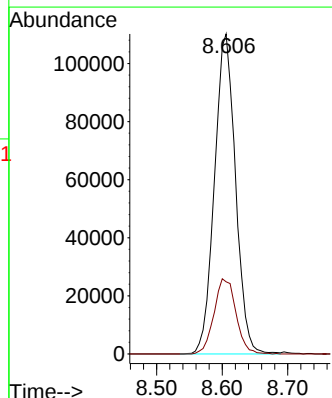
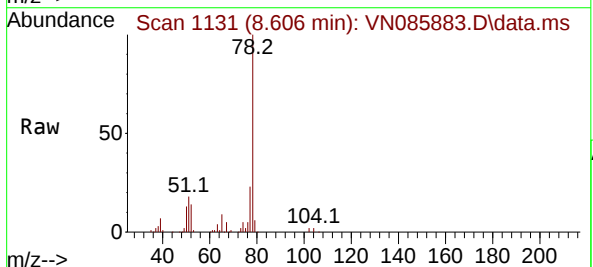
RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

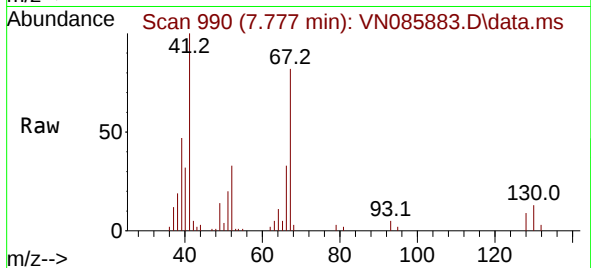
Tgt Ion: 78 Resp: 245235
 Ion Ratio Lower Upper
 78 100
 77 22.6 18.3 27.5





#41
Methacrylonitrile
Concen: 20.985 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

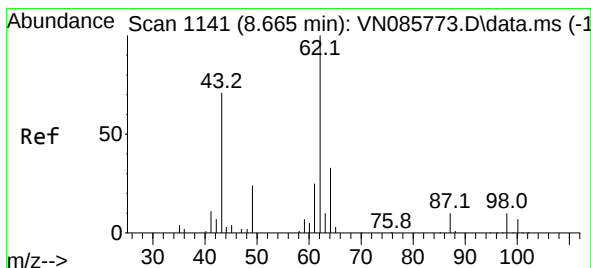
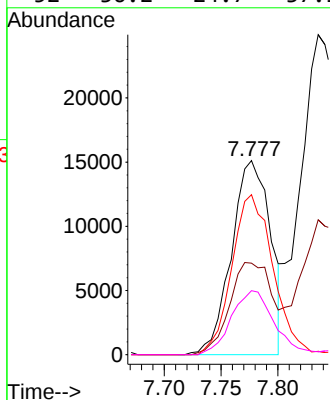
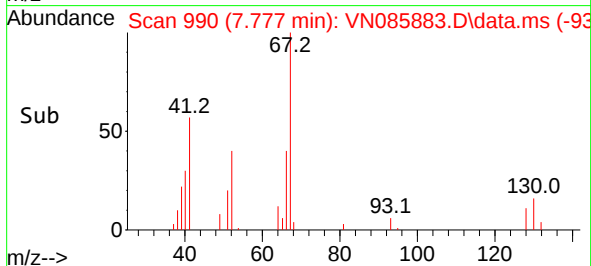
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 41 Resp: 3604
Ion Ratio Lower Upper
41 100
39 51.0 42.0 63.0
67 87.5 64.2 96.4
52 36.2 24.7 37.1

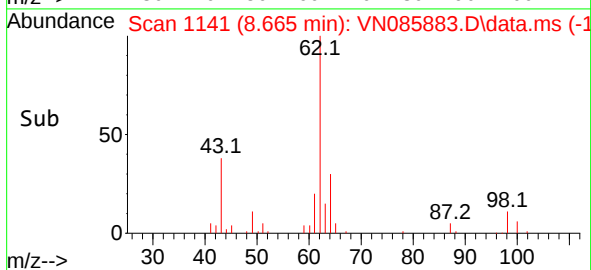
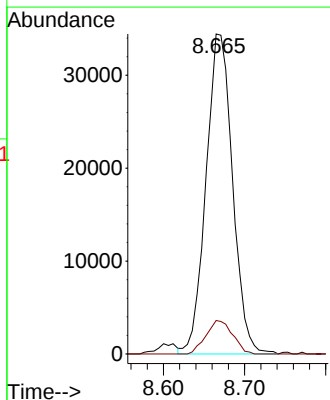
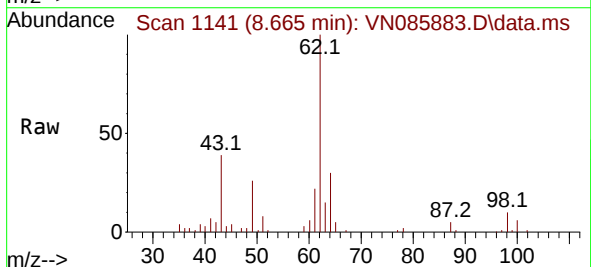
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 19.205 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

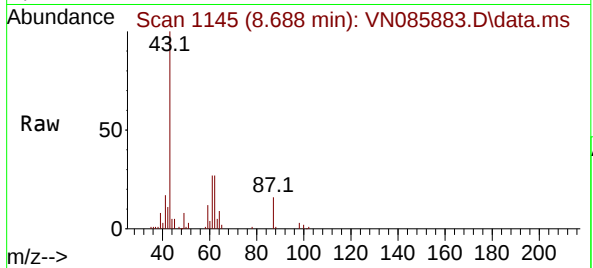
Tgt Ion: 62 Resp: 78280
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.6





#43
Isopropyl Acetate
Concen: 20.176 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

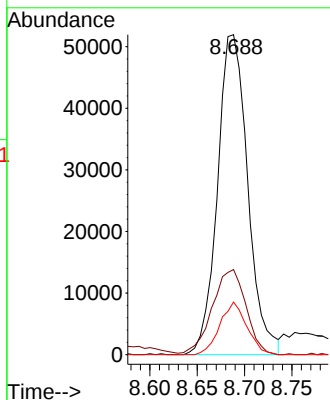
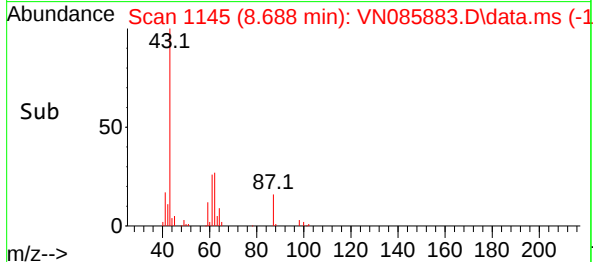
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 43 Resp: 115600
Ion Ratio Lower Upper
43 100
61 29.7 22.6 34.0
87 14.6 11.8 17.8

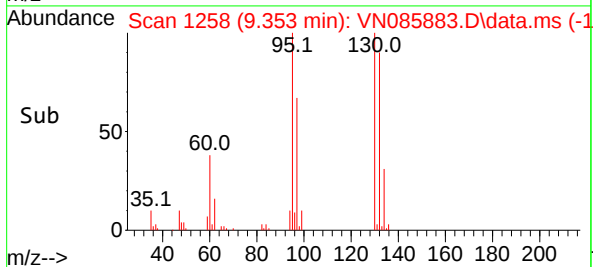
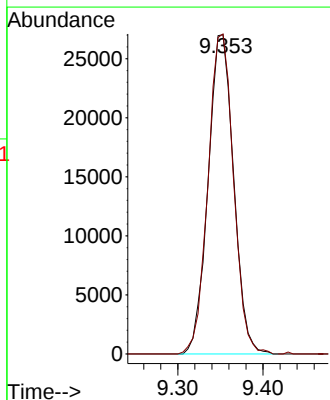
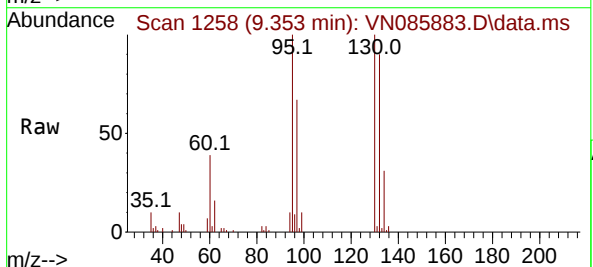
Manual Integrations
APPROVED

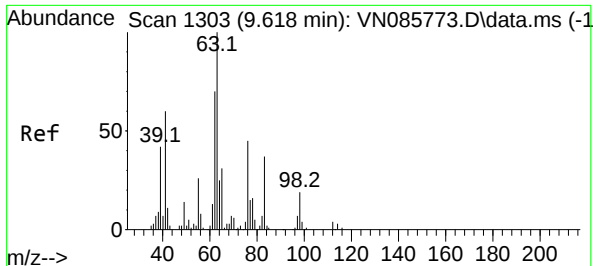
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#44
Trichloroethene
Concen: 18.300 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Tgt Ion:130 Resp: 56227
Ion Ratio Lower Upper
130 100
95 100.2 0.0 202.6





#45

1,2-Dichloropropane

Concen: 20.262 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 63 Resp: 6120

Ion Ratio Lower Upper

63 100

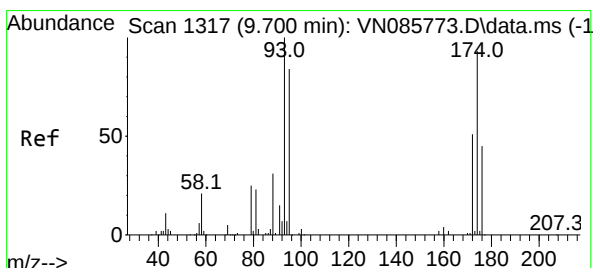
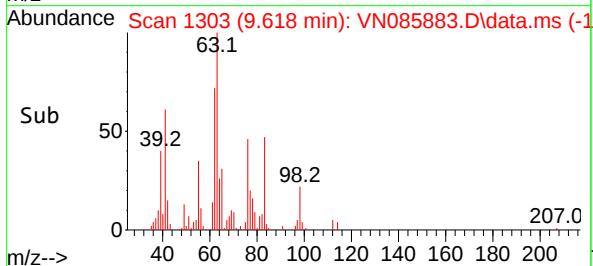
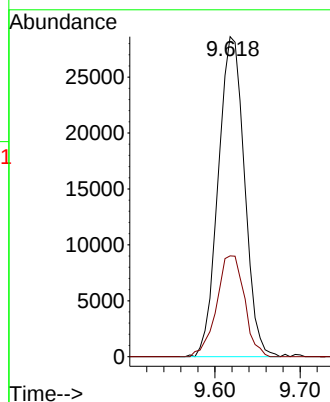
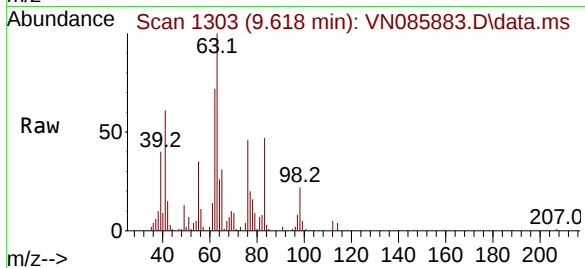
65 31.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 20.318 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

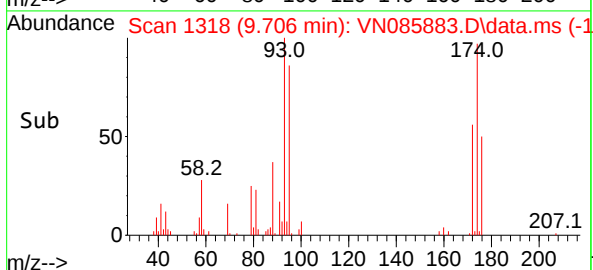
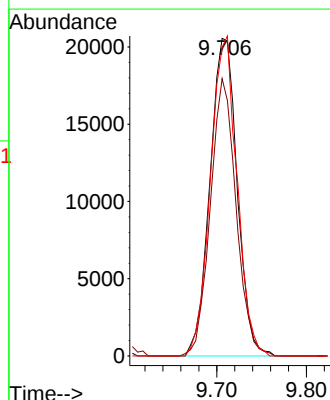
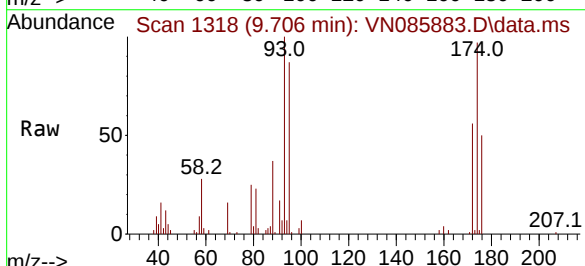
Tgt Ion: 93 Resp: 43290

Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

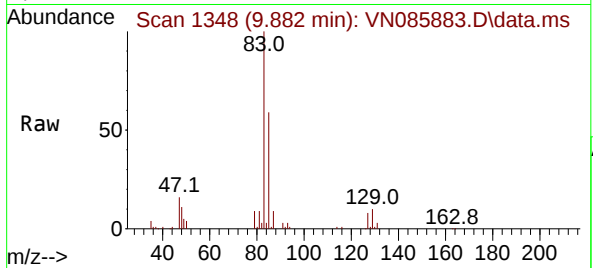
174 98.2 77.2 115.8





#47
Bromodichloromethane
Concen: 19.982 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

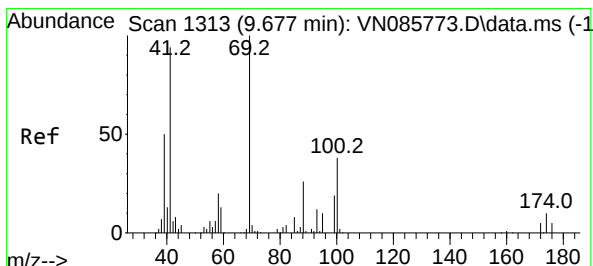
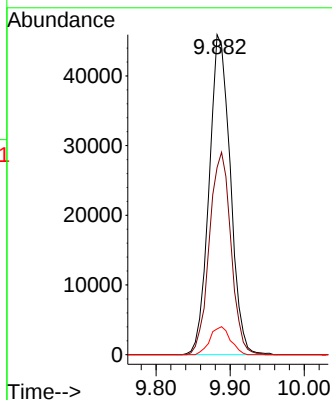
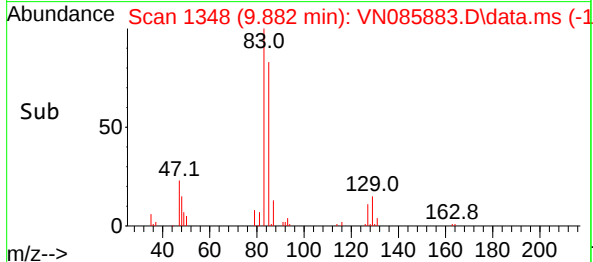
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 83 Resp: 91083
Ion Ratio Lower Upper
83 100
85 58.5 50.5 75.7
127 8.1 7.2 10.8

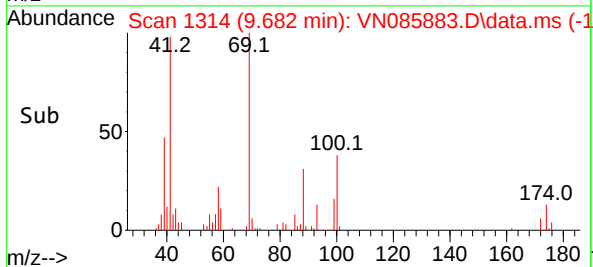
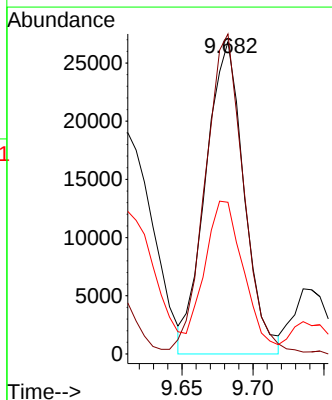
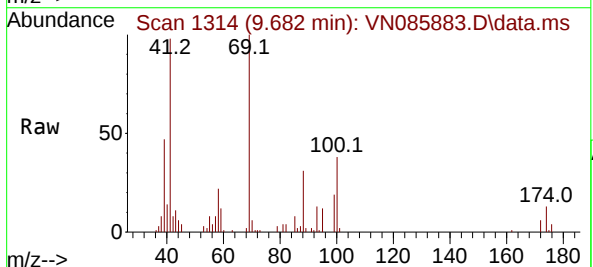
Manual Integrations
APPROVED

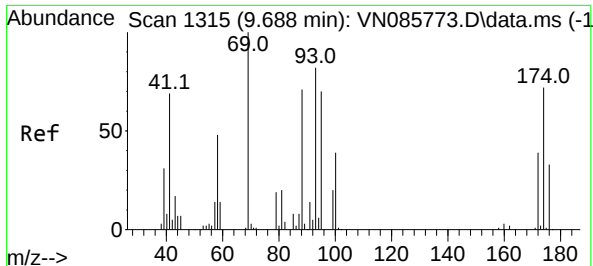
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#48
Methyl methacrylate
Concen: 21.169 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Tgt Ion: 41 Resp: 50513
Ion Ratio Lower Upper
41 100
69 102.4 76.0 114.0
39 50.2 42.3 63.5





#49

1,4-Dioxane

Concen: 552.112 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 88 Resp: 2505

Ion Ratio Lower Upper

88 100

43 26.0 18.6 27.8

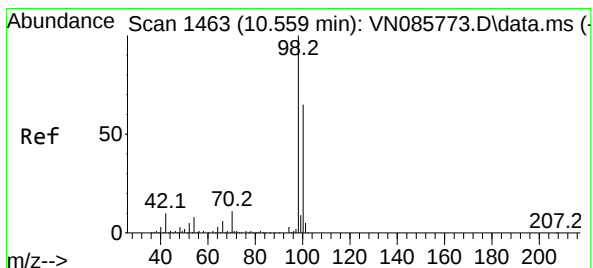
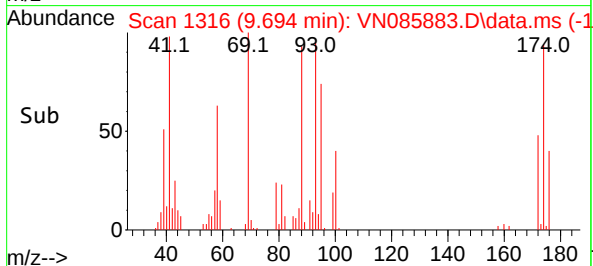
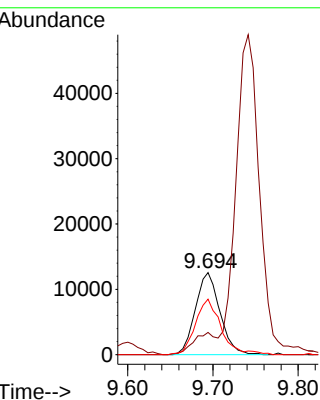
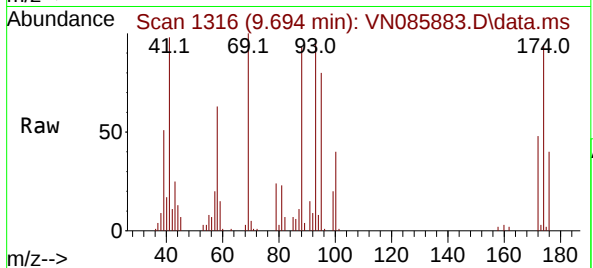
58 71.3 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#50

Toluene-d8

Concen: 47.722 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085883.D

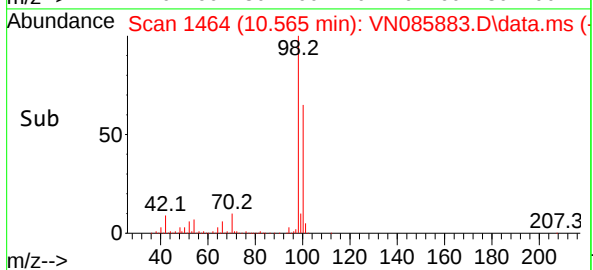
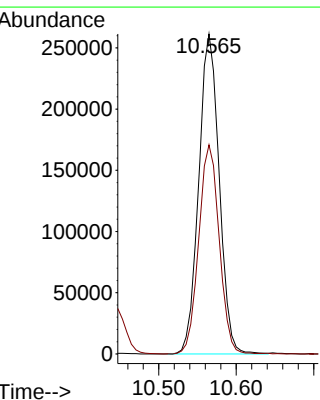
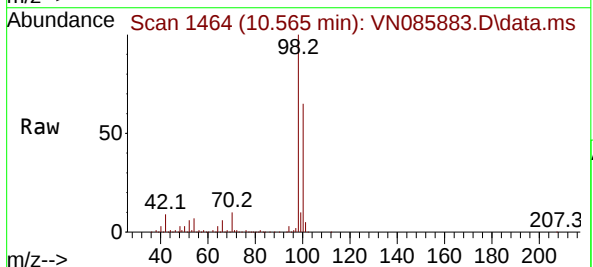
Acq: 27 Feb 2025 12:17

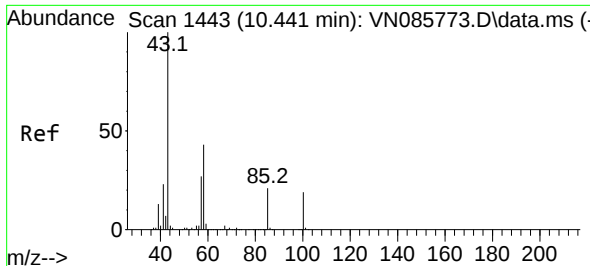
Tgt Ion: 98 Resp: 478989

Ion Ratio Lower Upper

98 100

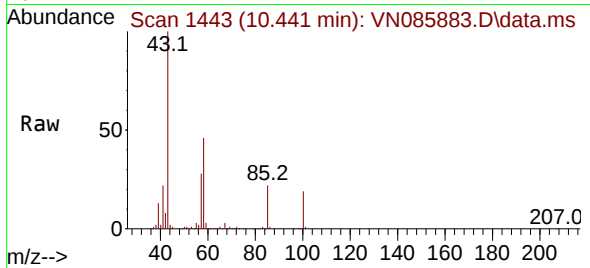
100 65.5 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 118.571 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

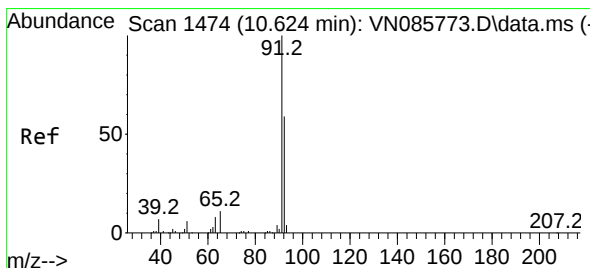
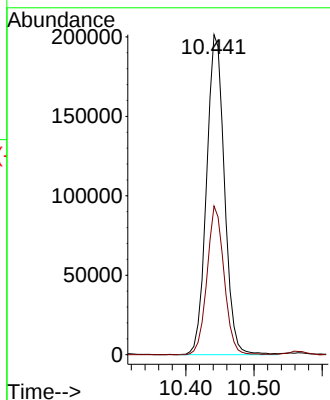
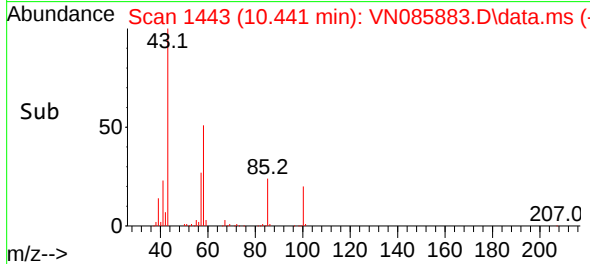
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



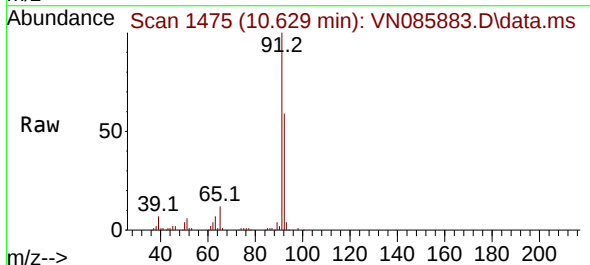
Tgt Ion: 43 Resp: 367312
Ion Ratio Lower Upper
43 100
58 44.4 34.6 52.0

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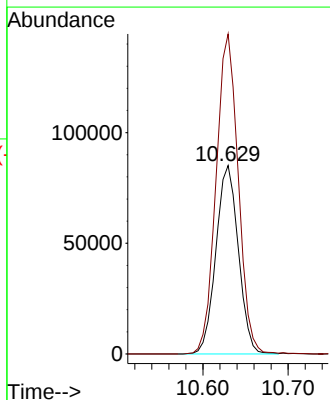
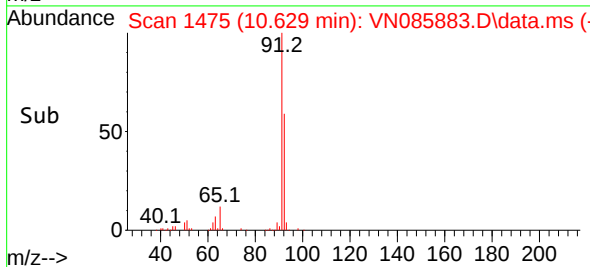
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

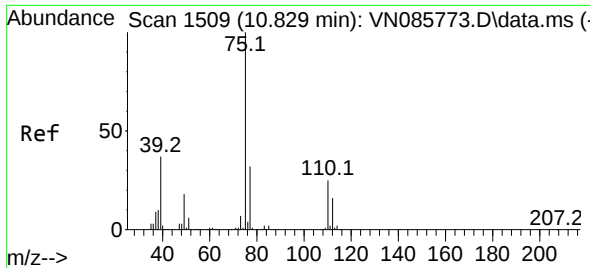


#52
Toluene
Concen: 21.213 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



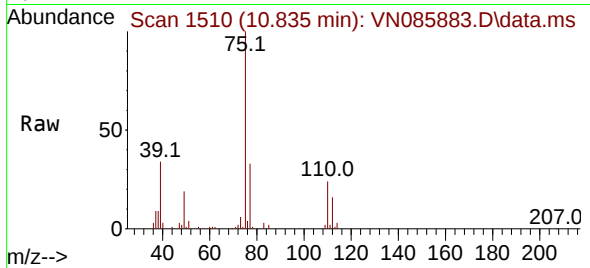
Tgt Ion: 92 Resp: 155608
Ion Ratio Lower Upper
92 100
91 168.0 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 20.445 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

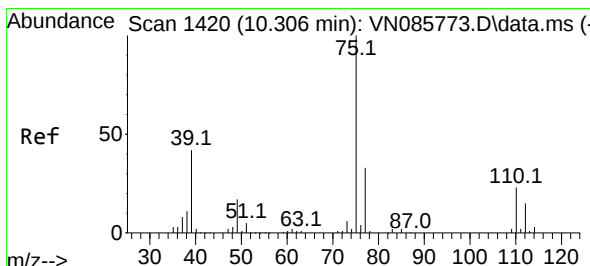
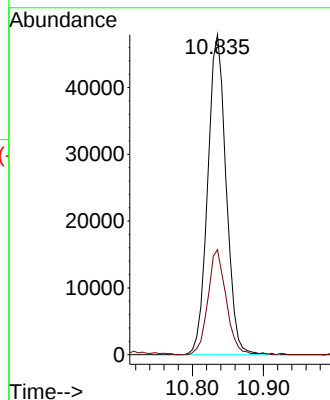
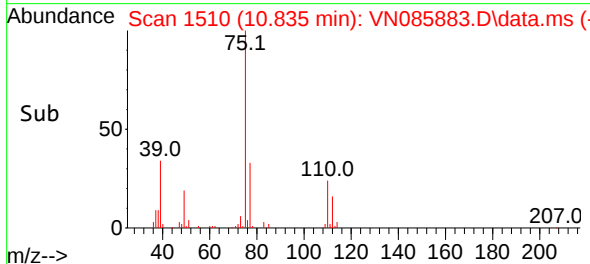
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 75 Resp: 8617
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

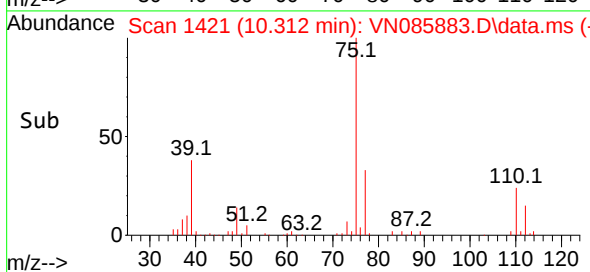
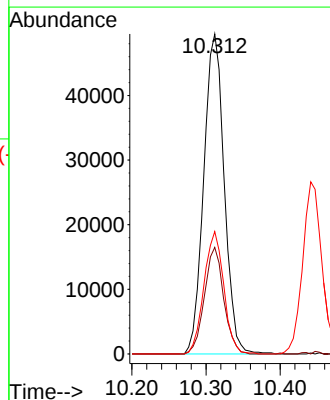
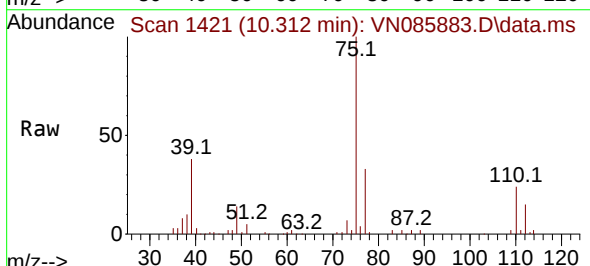
Manual Integrations
APPROVED

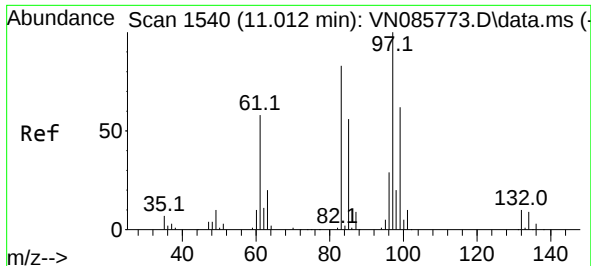
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#54
cis-1,3-Dichloropropene
Concen: 20.579 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

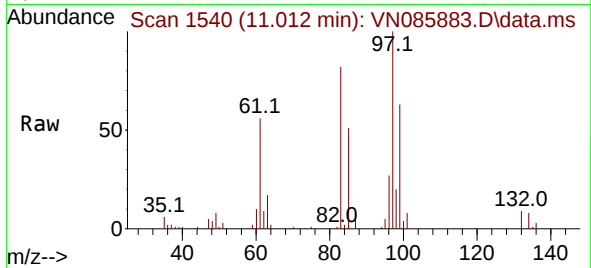
Tgt Ion: 75 Resp: 95117
Ion Ratio Lower Upper
75 100
77 33.3 26.1 39.1
39 38.2 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 21.193 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

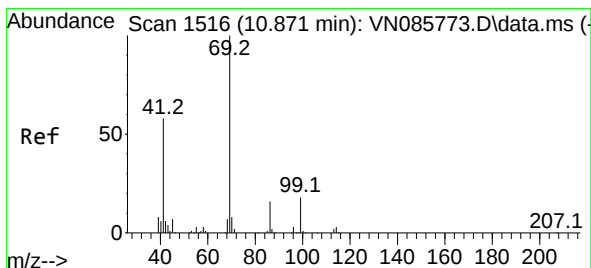
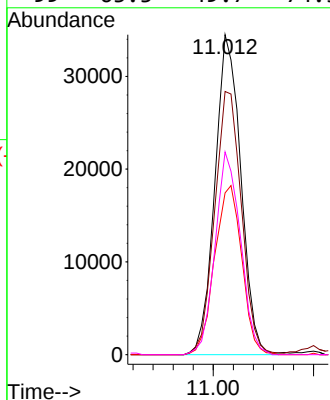
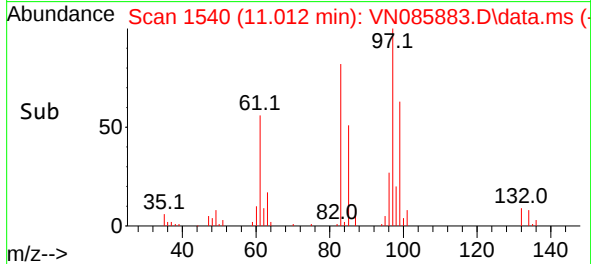
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



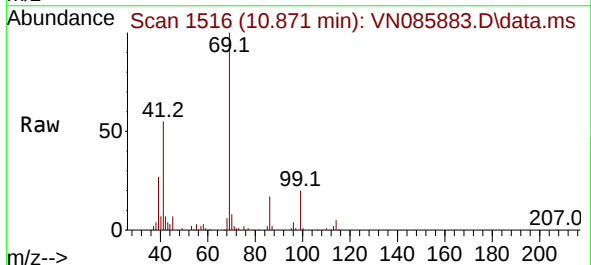
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.2	66.1	99.1
85	50.6	44.7	67.1
99	63.3	49.7	74.5

Manual Integrations
APPROVED

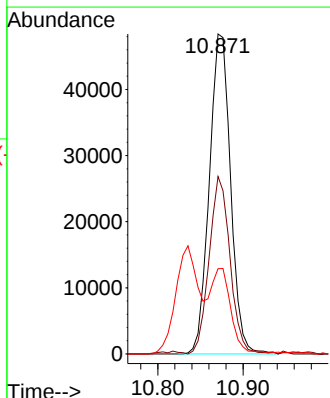
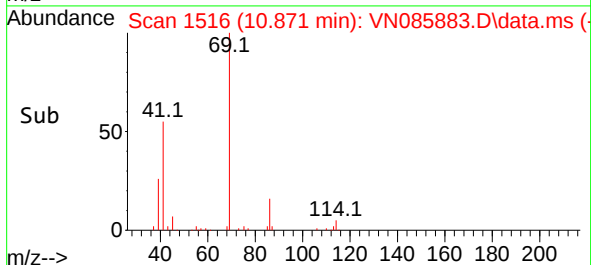
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

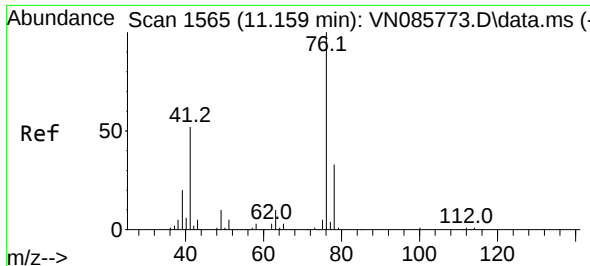


#56
Ethyl methacrylate
Concen: 21.661 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



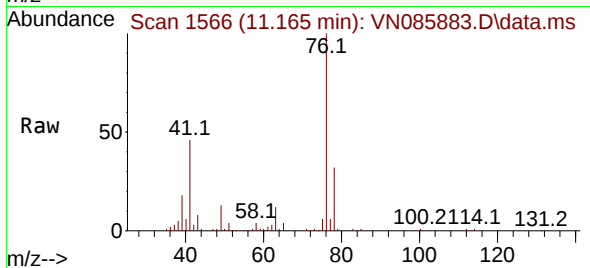
Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.5	46.0	69.0
39	26.3	22.0	33.0





#57
1,3-Dichloropropane
Concen: 20.683 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

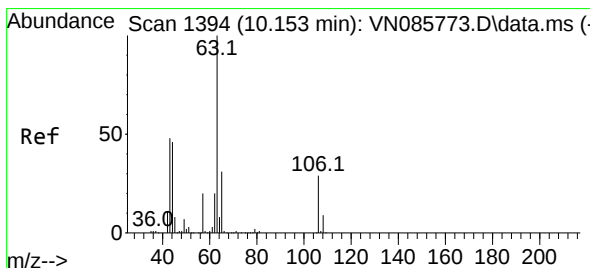
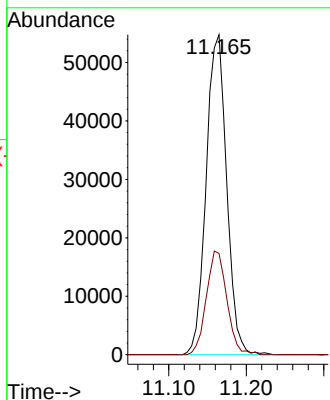
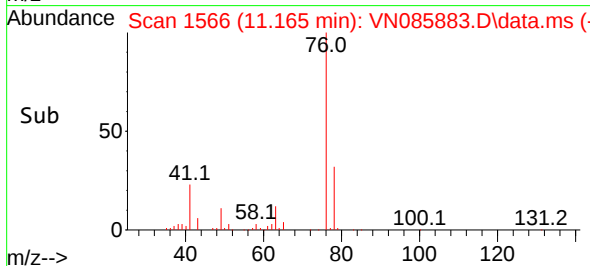
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



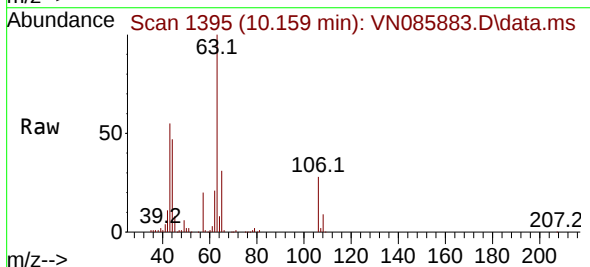
Tgt Ion: 76 Resp: 100690
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9

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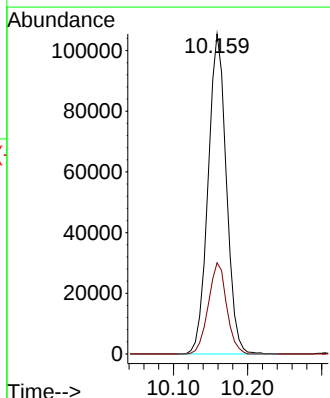
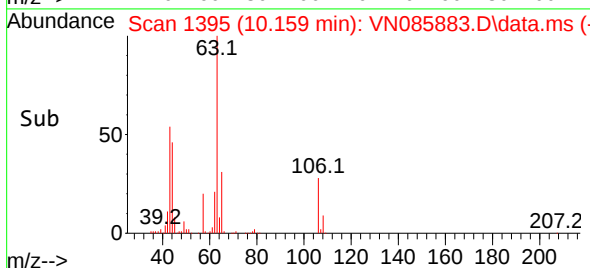
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

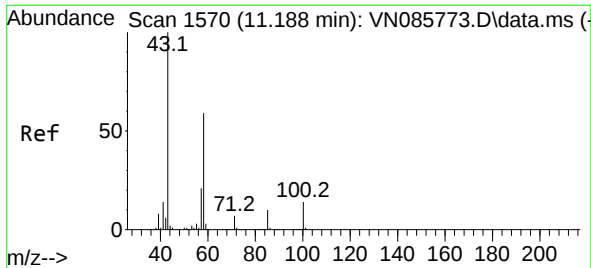


#58
2-Chloroethyl Vinyl ether
Concen: 127.644 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



Tgt Ion: 63 Resp: 180110
Ion Ratio Lower Upper
63 100
106 28.6 22.7 34.1





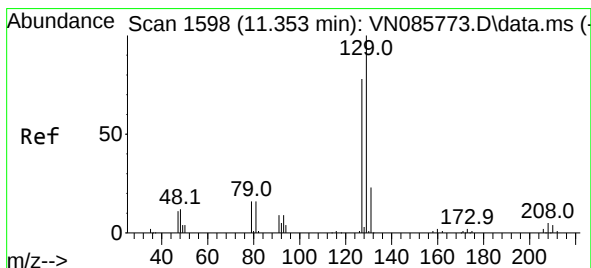
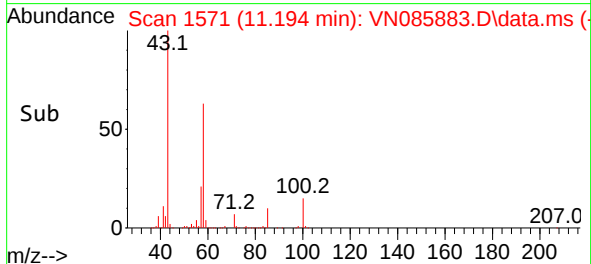
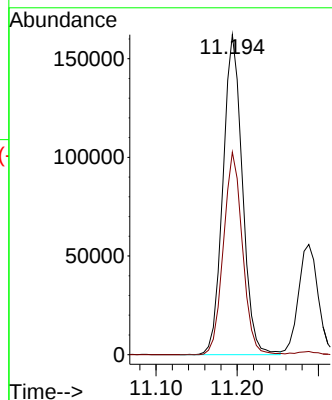
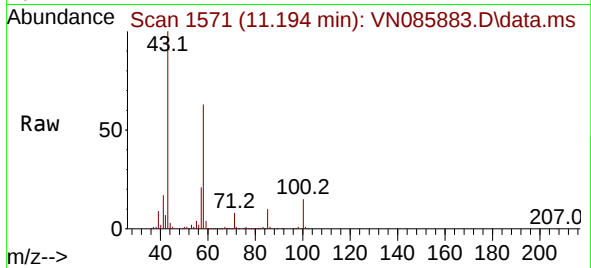
#59
2-Hexanone
Concen: 126.741 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 43 Resp: 27010
Ion Ratio Lower Upper
43 100
58 61.9 29.8 89.5

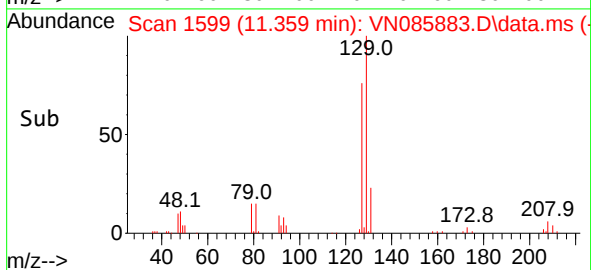
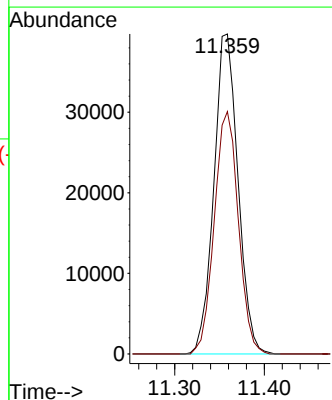
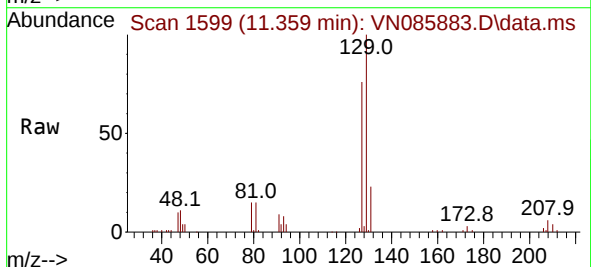
Manual Integrations
APPROVED

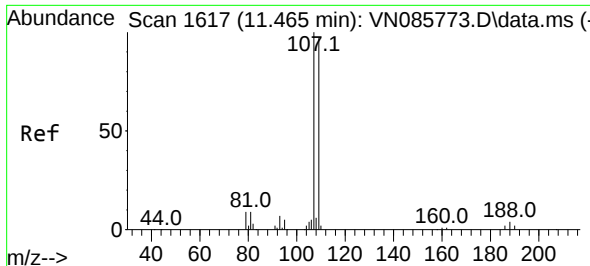
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 21.835 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Tgt Ion:129 Resp: 74153
Ion Ratio Lower Upper
129 100
127 75.6 39.1 117.5





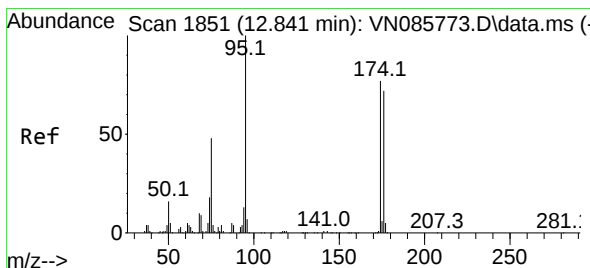
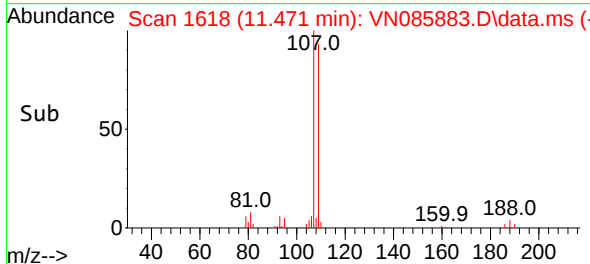
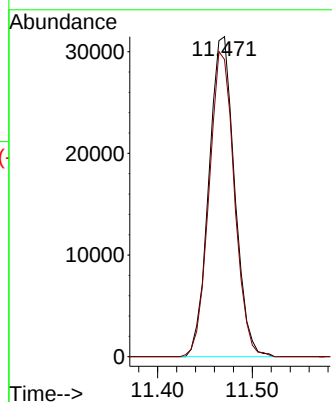
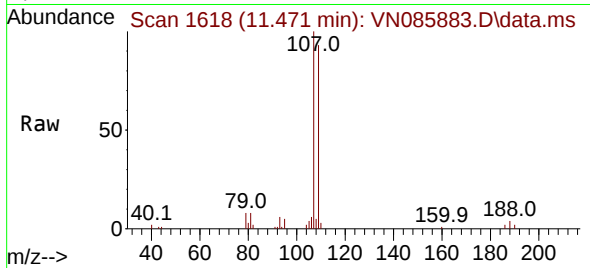
#61
1,2-Dibromoethane
Concen: 21.556 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion:107 Resp: 59399
Ion Ratio Lower Upper
107 100
109 93.9 76.0 114.0

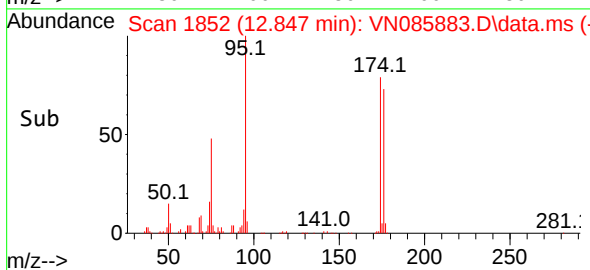
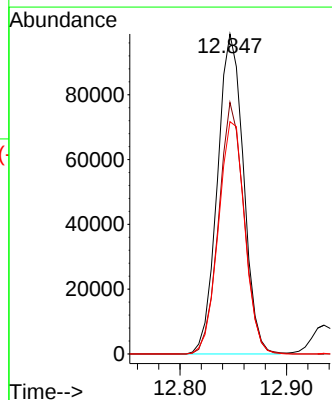
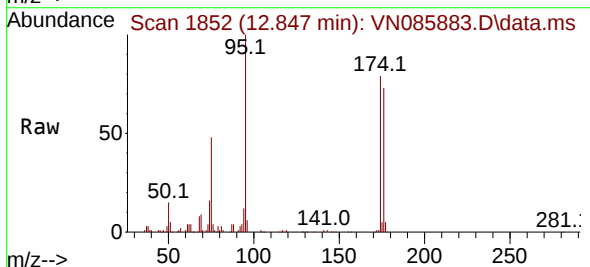
Manual Integrations
APPROVED

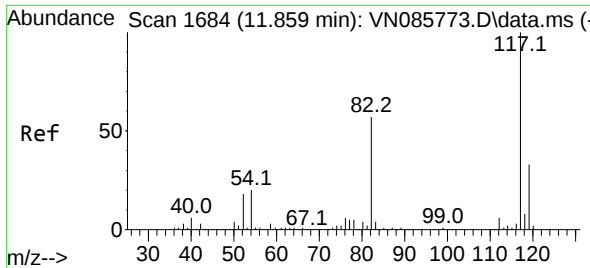
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#62
4-Bromofluorobenzene
Concen: 50.746 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

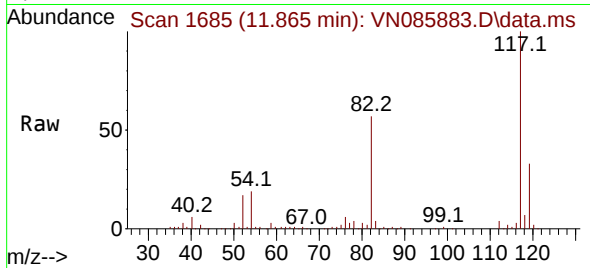
Tgt Ion: 95 Resp: 167817
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.4
176 73.6 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1185
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

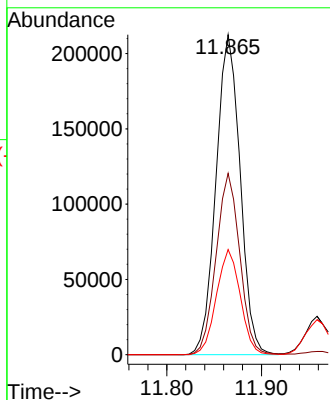
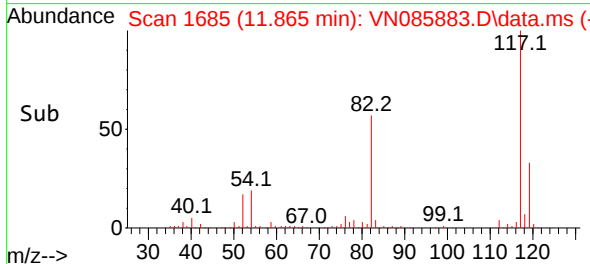
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion:117 Resp: 376829
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 32.9 26.2 39.2

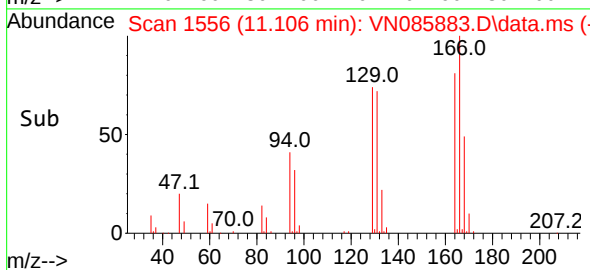
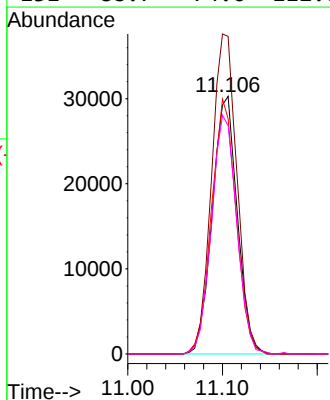
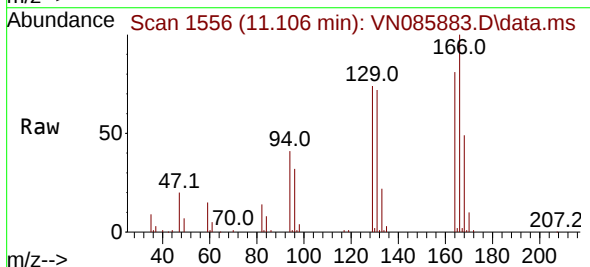
Manual Integrations
APPROVED

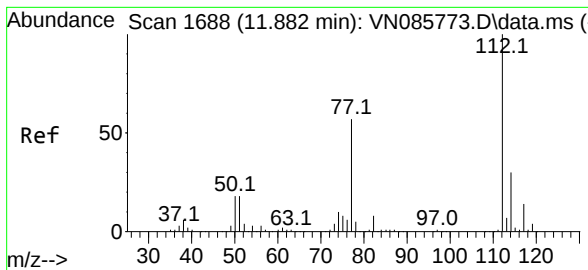
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 18.996 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

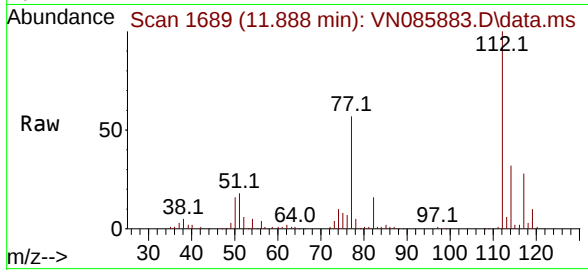
Tgt Ion:164 Resp: 55454
Ion Ratio Lower Upper
164 100
166 123.3 107.2 160.8
129 91.3 80.7 121.1
131 88.7 74.6 112.0





#65
Chlorobenzene
Concen: 19.775 ug/l
RT: 11.888 min Scan# 112
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

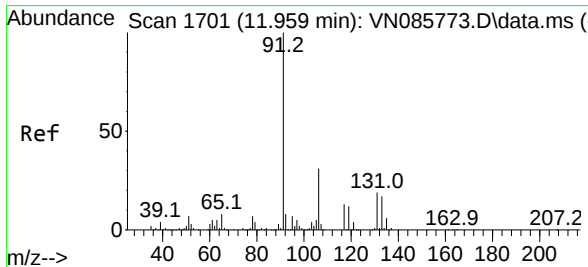
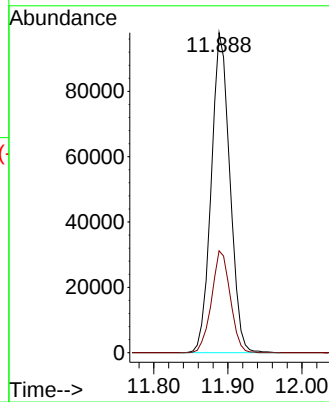
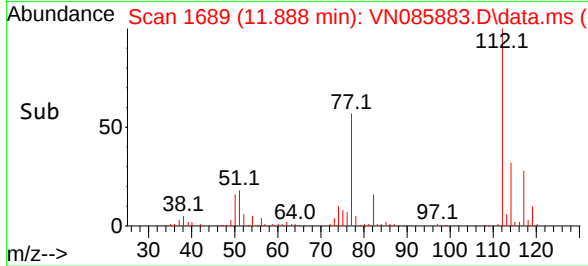
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



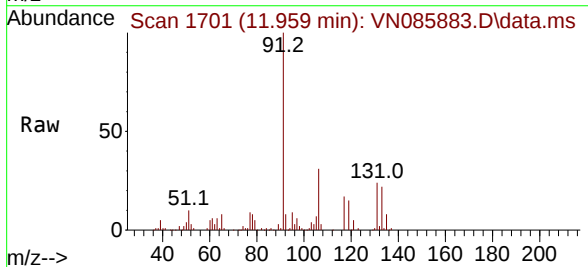
Tgt Ion:112 Resp: 17071
Ion Ratio Lower Upper
112 100
114 31.8 24.3 36.5

Manual Integrations
APPROVED

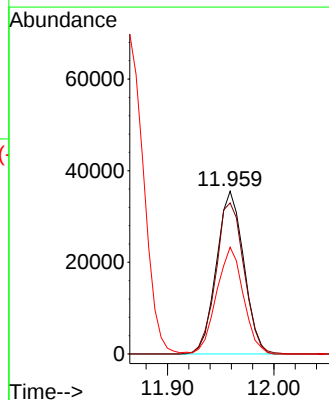
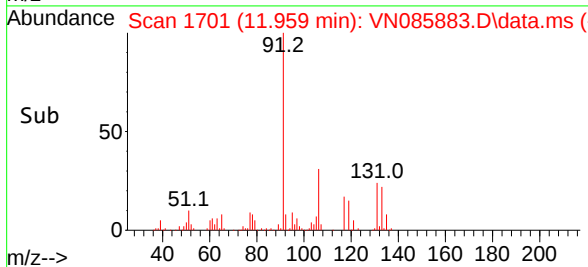
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

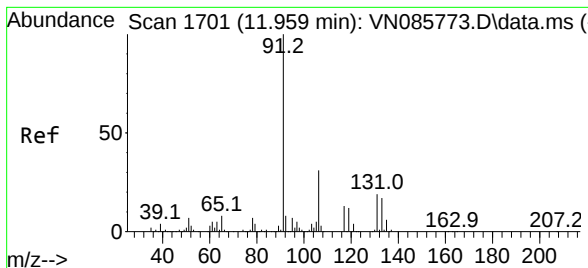


#66
1,1,1,2-Tetrachloroethane
Concen: 20.379 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



Tgt Ion:131 Resp: 63234
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 64.7 33.3 99.8





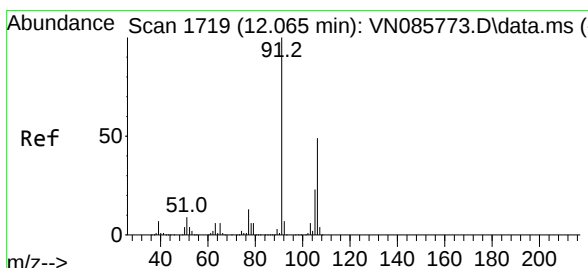
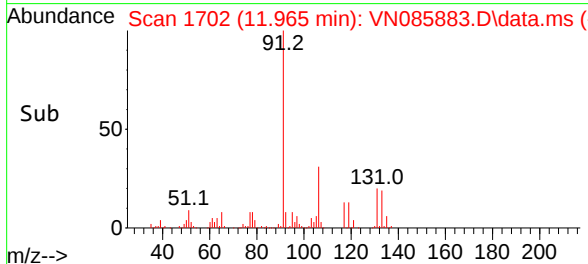
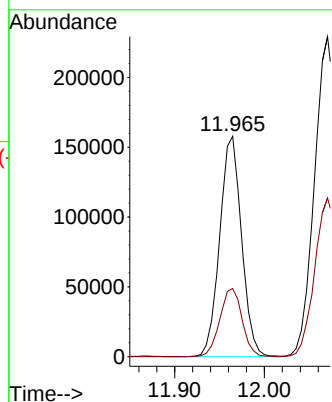
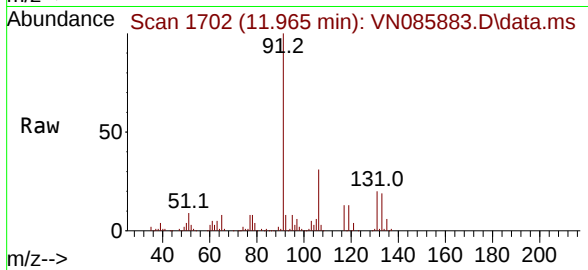
#67
Ethyl Benzene
Concen: 19.736 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 91 Resp: 26688
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

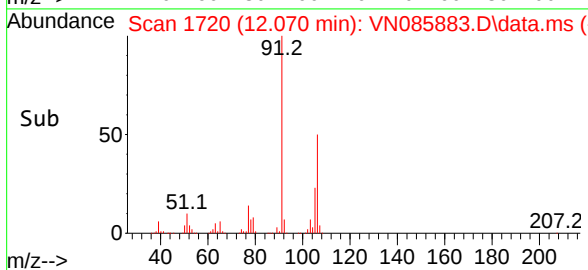
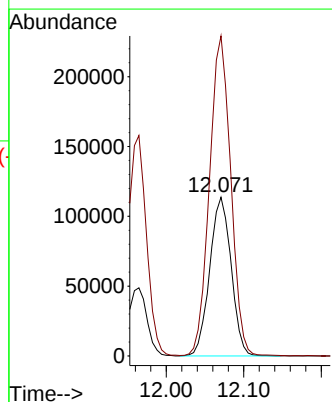
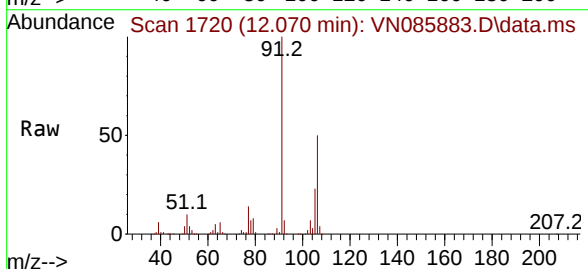
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 42.468 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

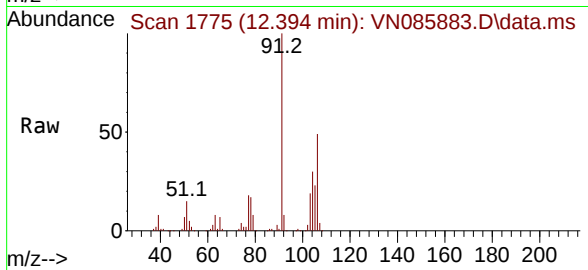
Tgt Ion:106 Resp: 218136
Ion Ratio Lower Upper
106 100
91 200.4 163.3 244.9





#69
o-Xylene
Concen: 20.554 ug/l
RT: 12.394 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

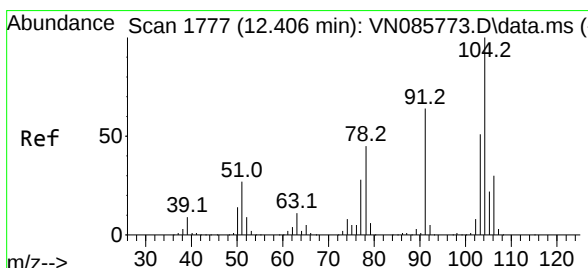
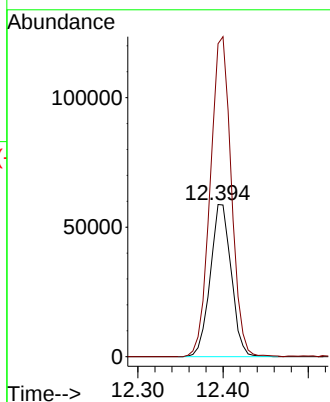
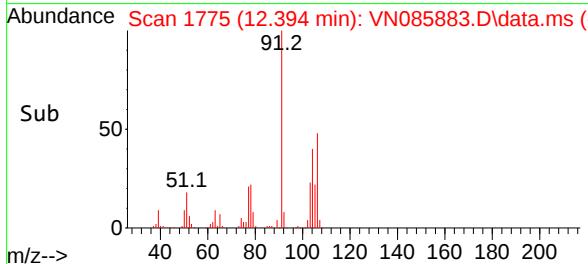
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion:106 Resp: 100324
Ion Ratio Lower Upper
106 100
91 211.5 107.1 321.4

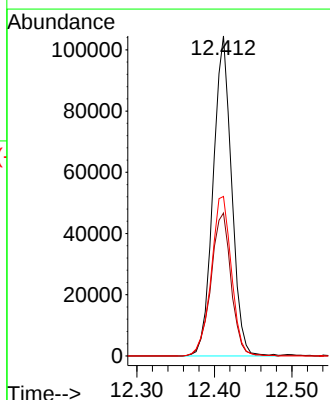
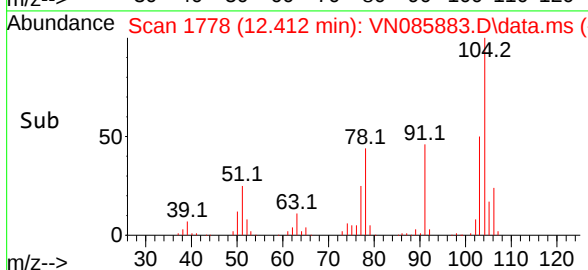
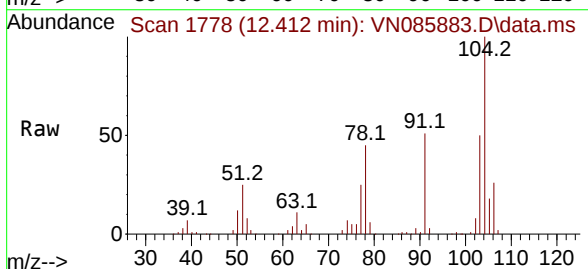
Manual Integrations
APPROVED

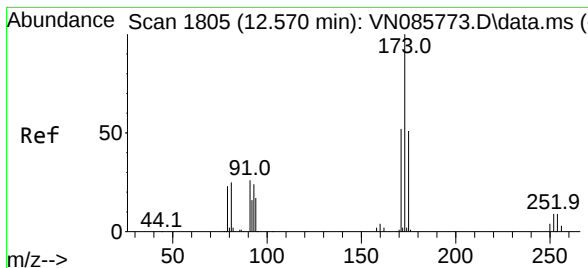
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 20.530 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Tgt Ion:104 Resp: 173071
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.6
103 54.5 43.3 64.9





#71

Bromoform

Concen: 22.291 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

Tgt Ion:173 Resp: 5139

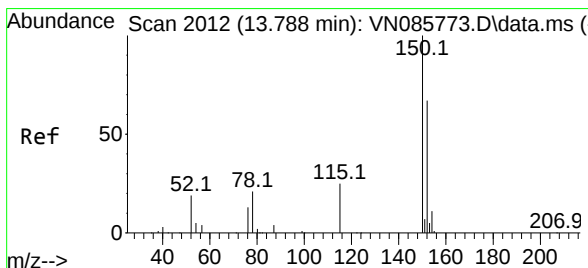
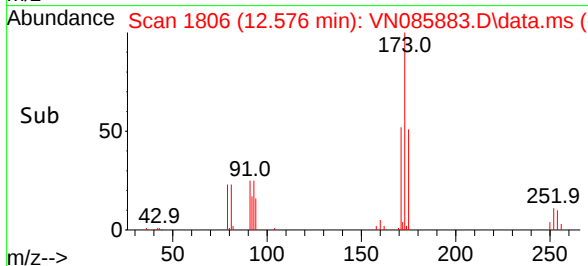
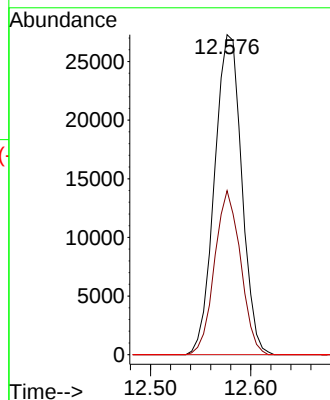
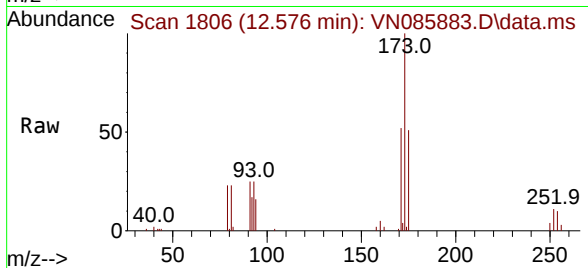
Ion	Ratio	Lower	Upper
173	100		
175	49.1	25.1	75.4
254	0.0	0.0	0.0

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

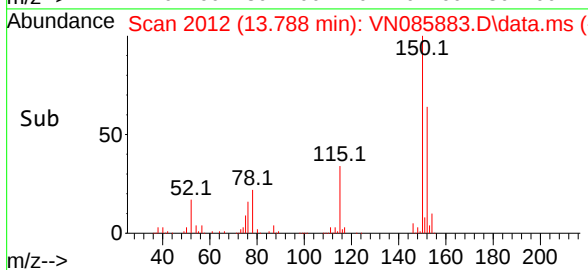
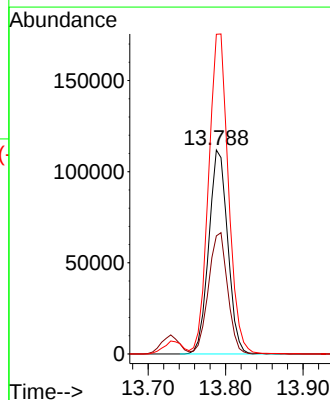
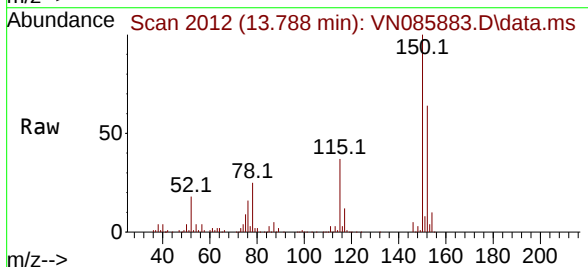
Delta R.T. -0.000 min

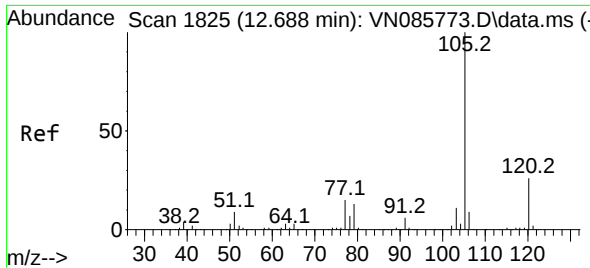
Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

Tgt Ion:152 Resp: 189554

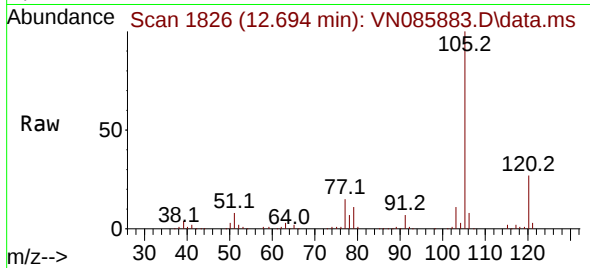
Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.4	91.3
150	164.4	0.0	345.4





#73
Isopropylbenzene
Concen: 18.963 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

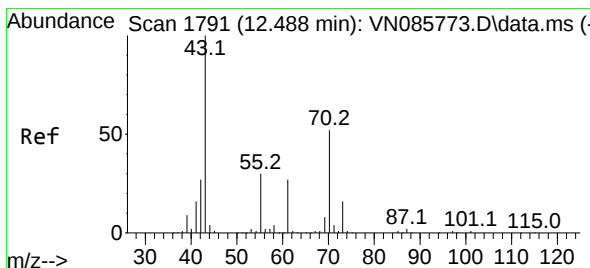
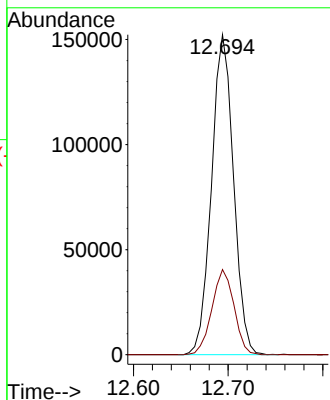
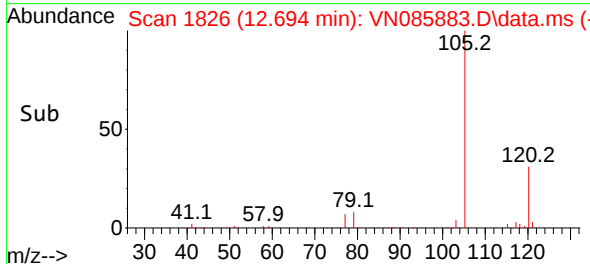
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion:105 Resp: 24625
Ion Ratio Lower Upper
105 100
120 26.7 13.0 39.0

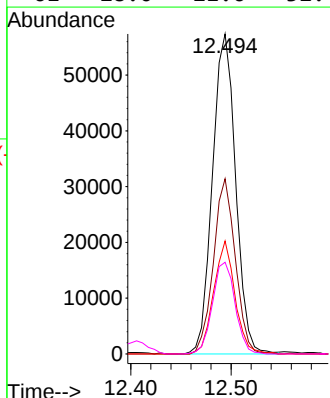
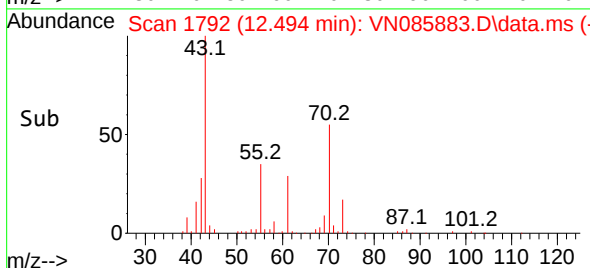
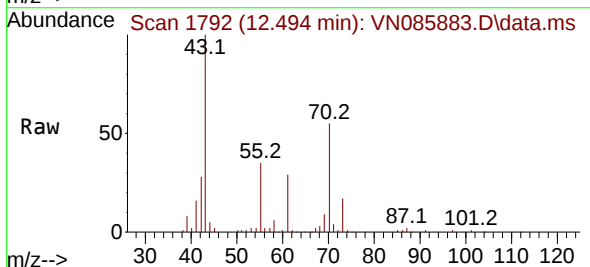
Manual Integrations
APPROVED

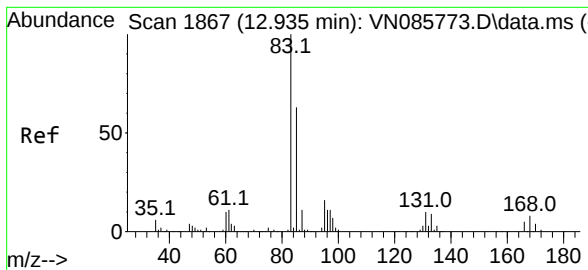
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 20.123 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

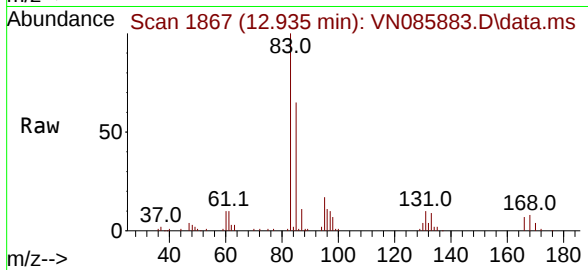
Tgt Ion: 43 Resp: 92153
Ion Ratio Lower Upper
43 100
70 51.8 41.0 61.4
55 32.6 24.6 36.8
61 28.0 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.312 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

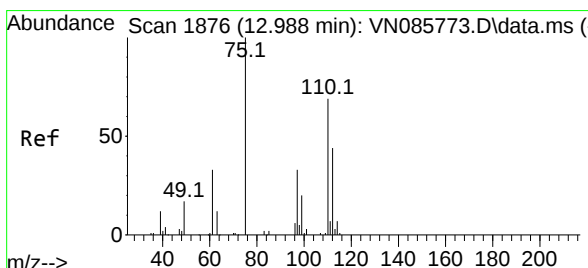
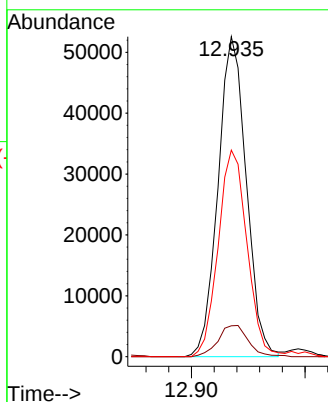
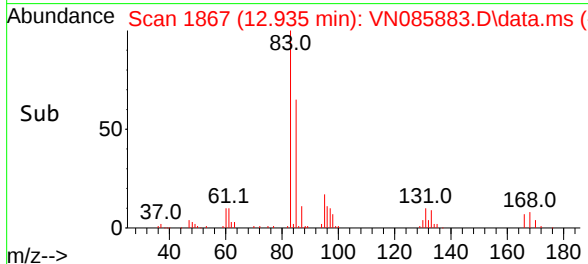
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



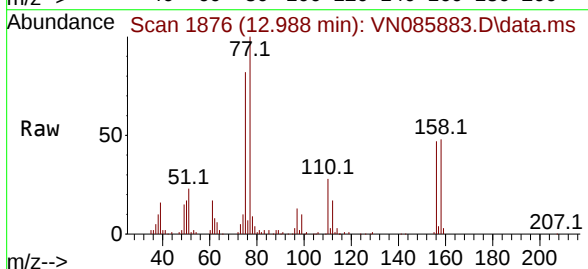
Tgt Ion: 83 Resp: 90769
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 65.8 32.2 96.6

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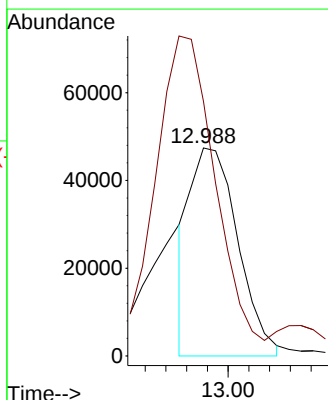
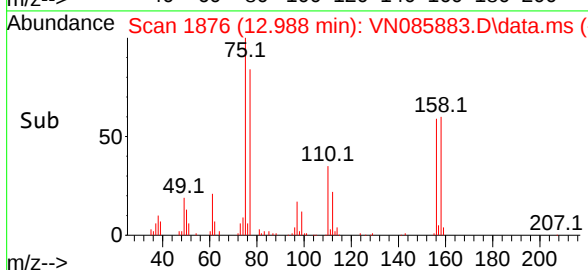
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

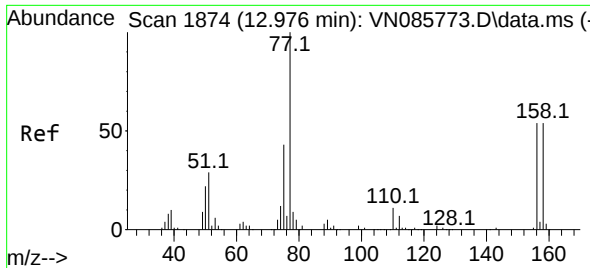


#76
1,2,3-Trichloropropane
Concen: 18.037 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



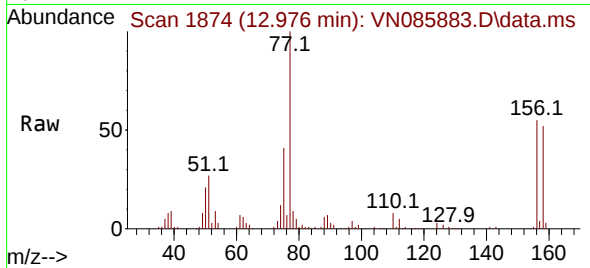
Tgt Ion: 75 Resp: 75949
Ion Ratio Lower Upper
75 100
77 195.3 100.0 300.0





#77
Bromobenzene
Concen: 19.742 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

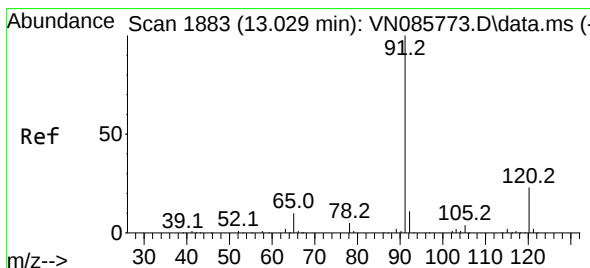
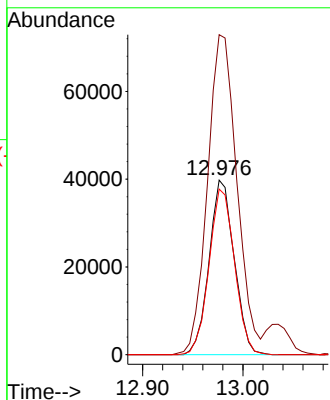
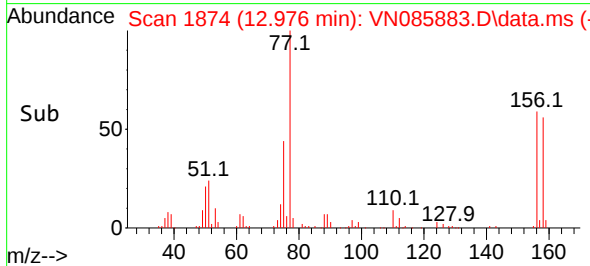
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



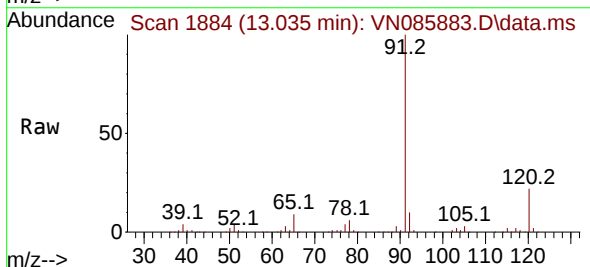
Tgt Ion:156 Resp: 6926
Ion Ratio Lower Upper
156 100
77 214.2 104.1 312.3
158 96.3 48.1 144.4

Manual Integrations
APPROVED

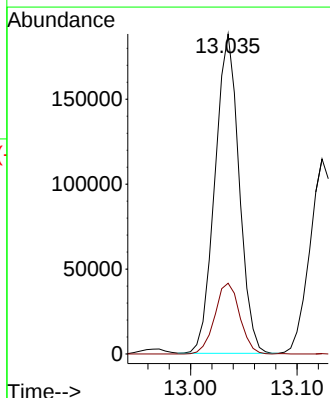
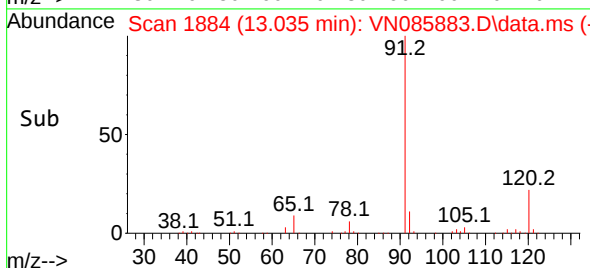
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

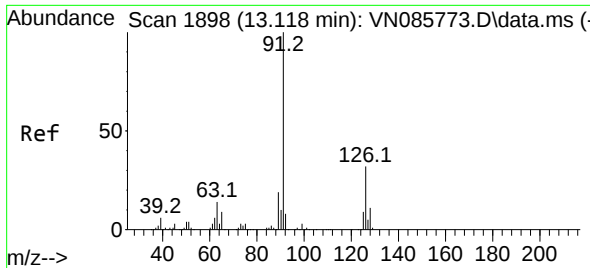


#78
n-propylbenzene
Concen: 19.893 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



Tgt Ion: 91 Resp: 295854
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8





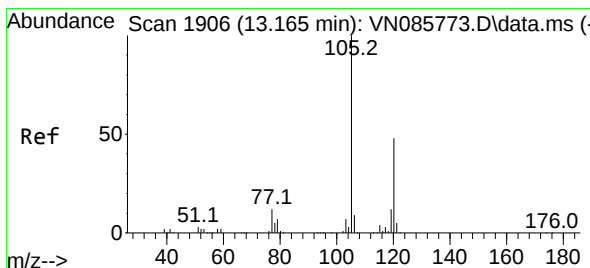
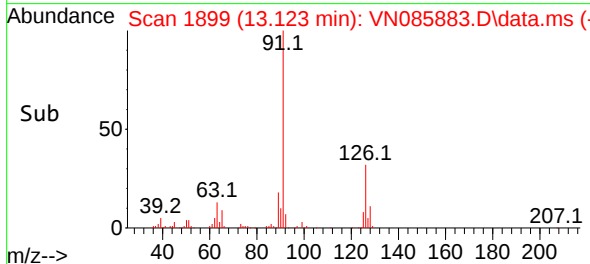
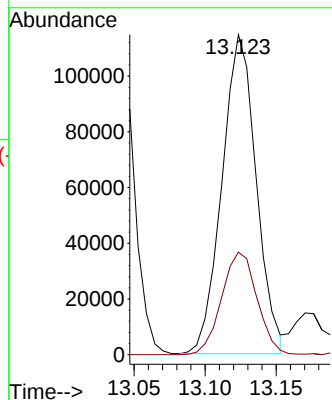
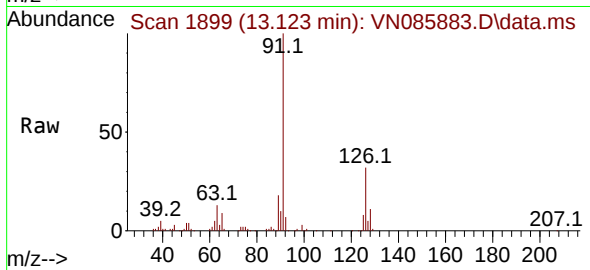
#79
2-Chlorotoluene
Concen: 19.331 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Tgt Ion: 91 Resp: 19209
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.1

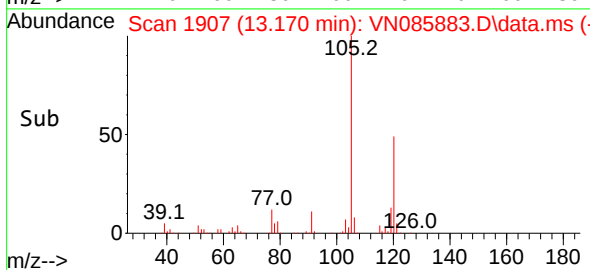
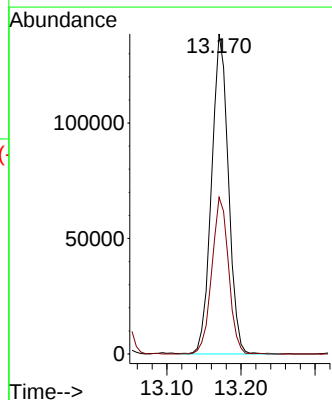
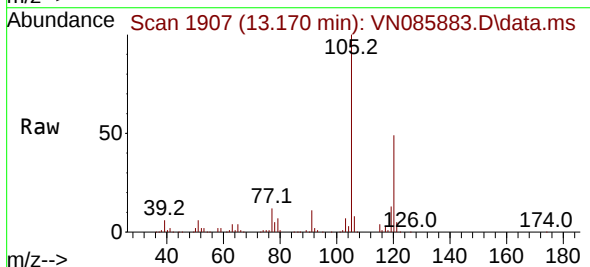
Manual Integrations
APPROVED

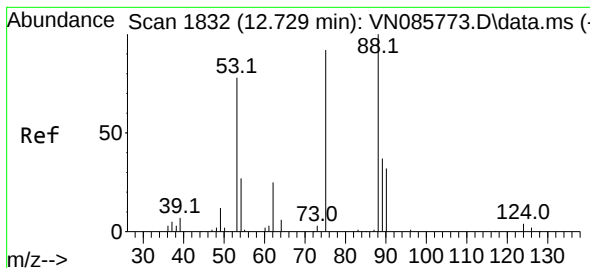
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.674 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

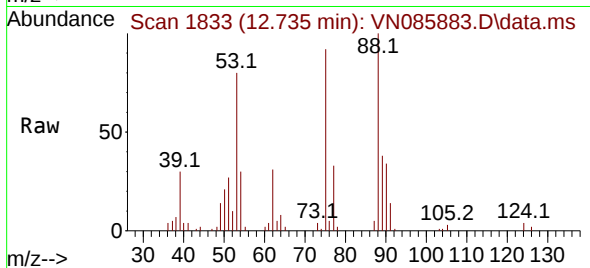
Tgt Ion:105 Resp: 218698
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 20.685 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

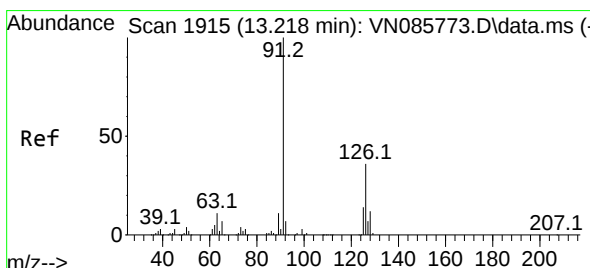
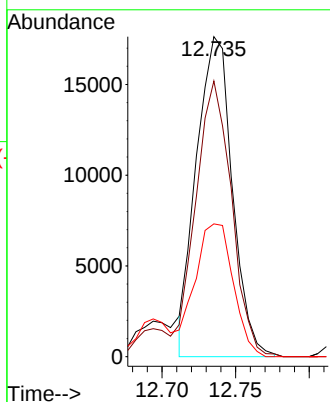
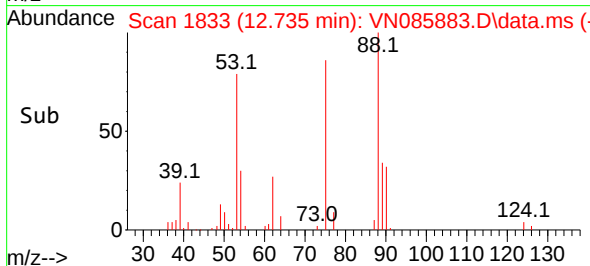
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



Tgt Ion: 75 Resp: 2985
Ion Ratio Lower Upper
75 100
53 86.1 74.2 111.4
89 45.5 34.9 52.3

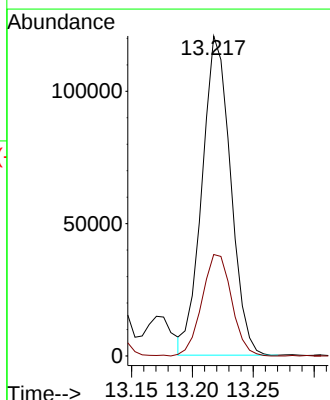
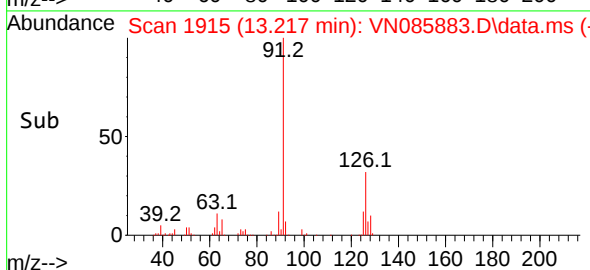
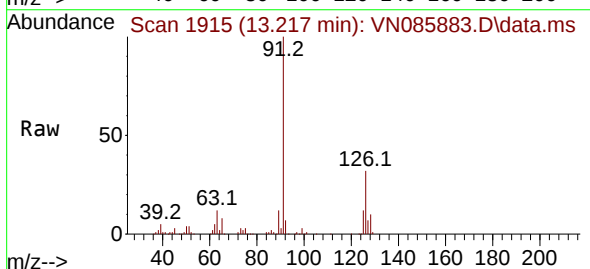
Manual Integrations
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Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 19.952 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

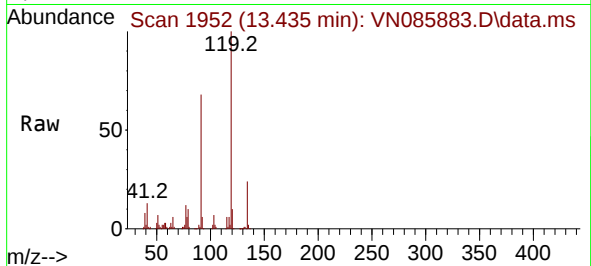
Tgt Ion: 91 Resp: 196544
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 19.990 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085883.D
 Acq: 27 Feb 2025 12:17

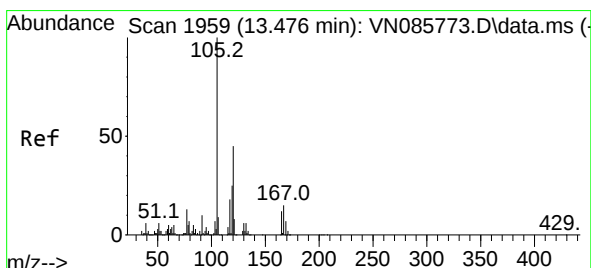
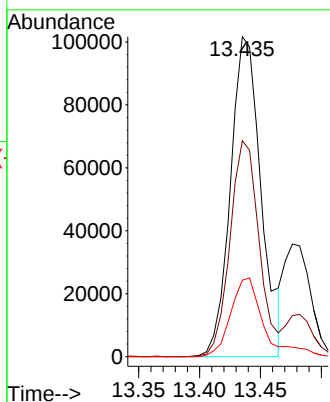
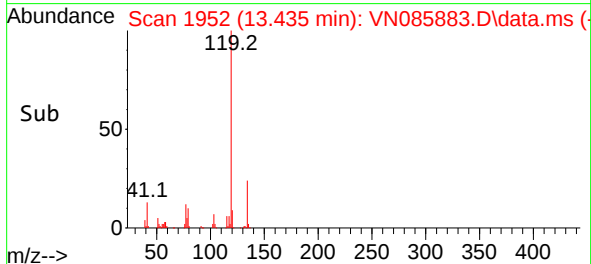
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01



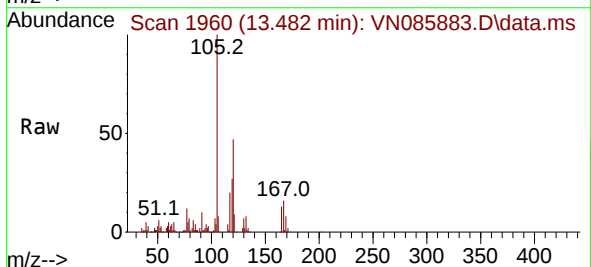
Tgt Ion:119 Resp: 177829
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.5 97.5
 134 26.4 13.3 39.9

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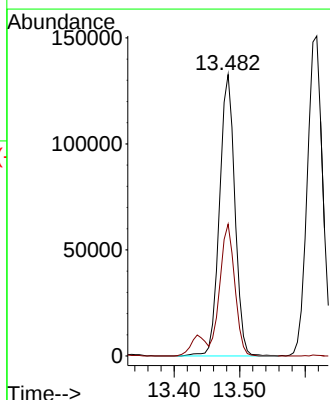
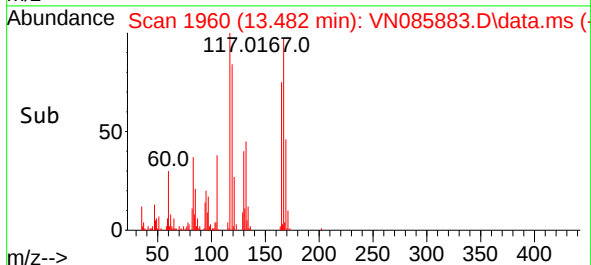
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 20.527 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085883.D
 Acq: 27 Feb 2025 12:17



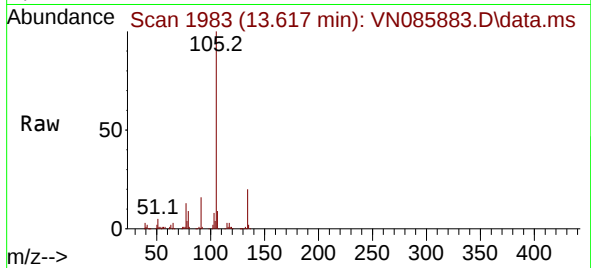
Tgt Ion:105 Resp: 214841
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.524 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.005 min
 Lab File: VN085883.D
 Acq: 27 Feb 2025 12:17

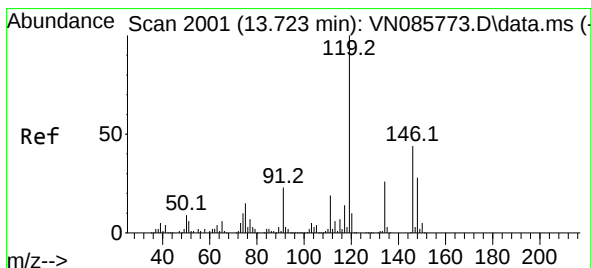
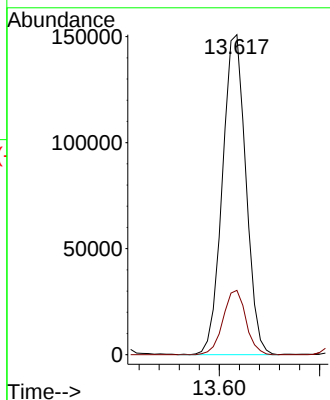
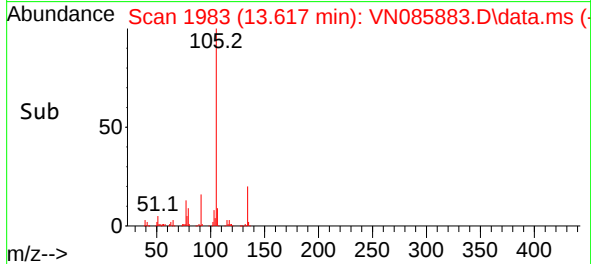
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01



Tgt Ion:105 Resp: 24539
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

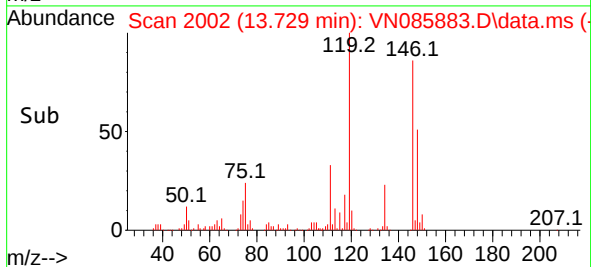
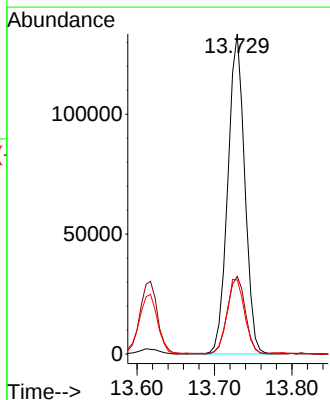
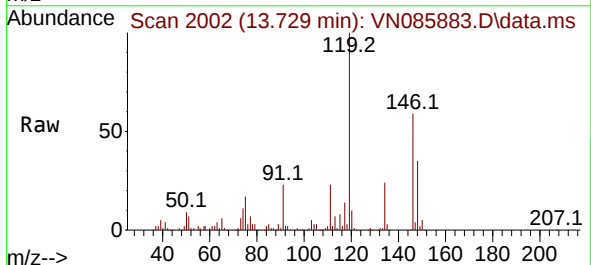
Manual Integrations
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Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#86
 p-Isopropyltoluene
 Concen: 18.915 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085883.D
 Acq: 27 Feb 2025 12:17

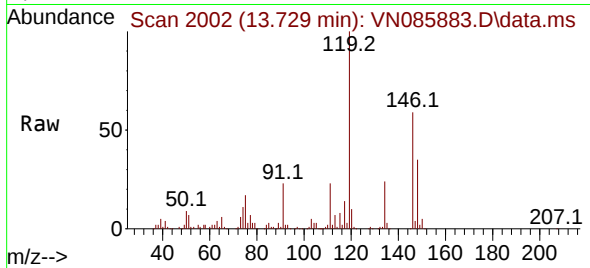
Tgt Ion:119 Resp: 202785
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.7 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 19.266 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

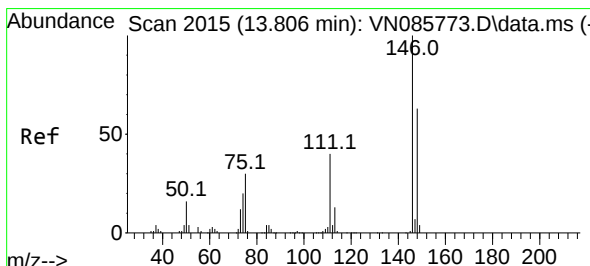
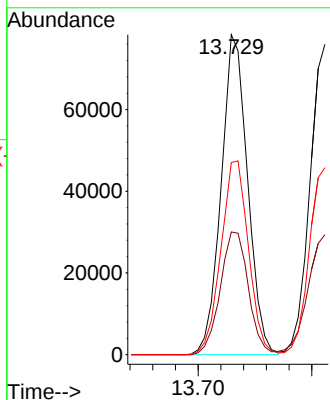
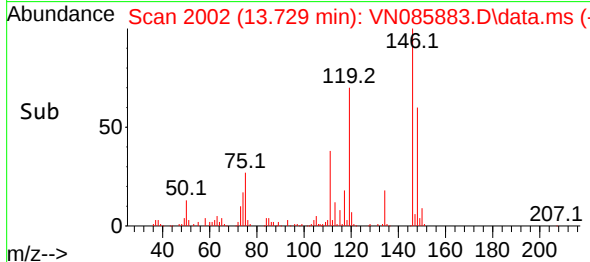
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



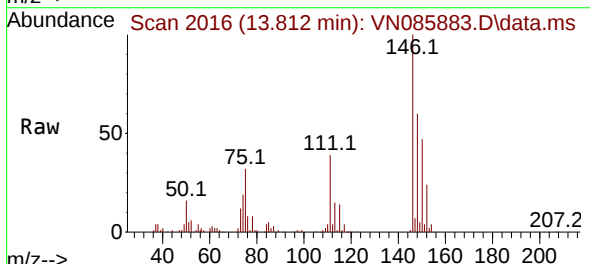
Tgt Ion:146 Resp: 126638
Ion Ratio Lower Upper
146 100
111 40.6 21.1 63.3
148 63.2 32.1 96.5

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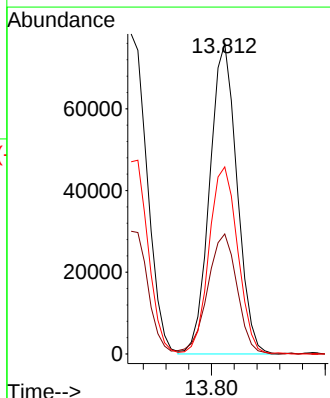
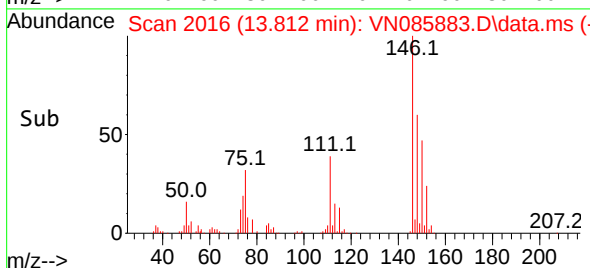
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

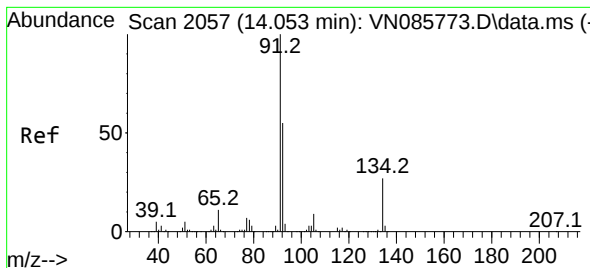


#88
1,4-Dichlorobenzene
Concen: 18.855 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



Tgt Ion:146 Resp: 127028
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.3
148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 17.436 ug/l

RT: 14.059 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS01

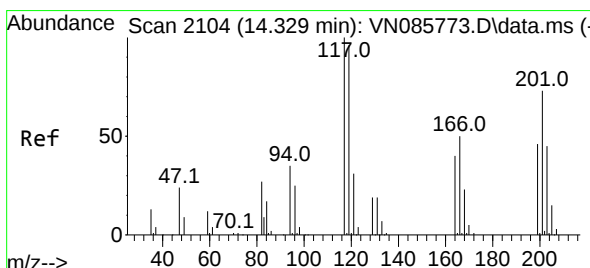
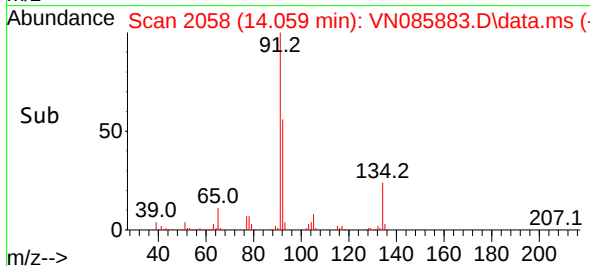
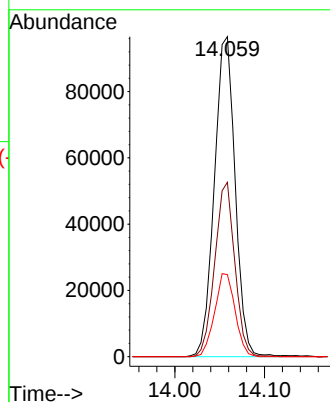
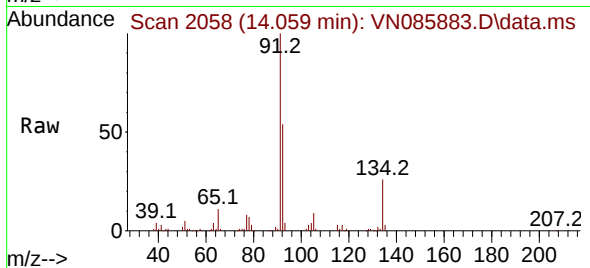
Tgt Ion: 91 Resp: 155589
 Ion Ratio Lower Upper
 91 100
 92 52.4 27.1 81.3
 134 25.5 12.7 38.1

Manual Integrations

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Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#90

Hexachloroethane

Concen: 19.070 ug/l

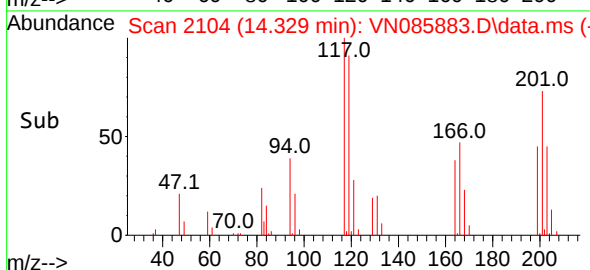
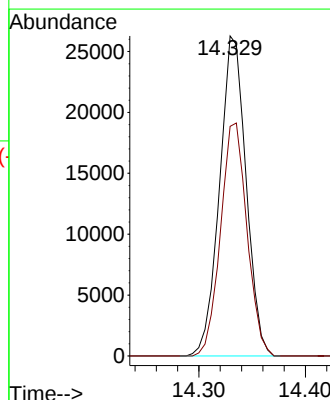
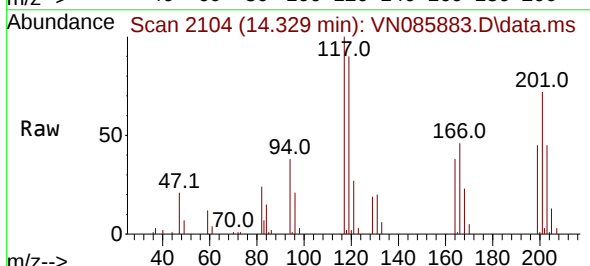
RT: 14.329 min Scan# 2104

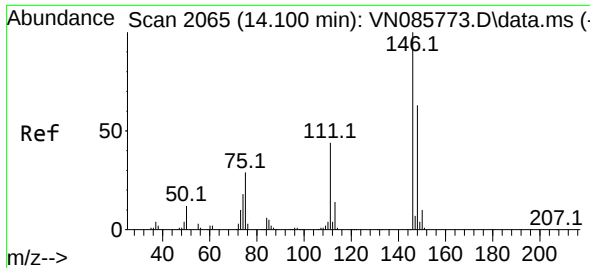
Delta R.T. -0.000 min

Lab File: VN085883.D

Acq: 27 Feb 2025 12:17

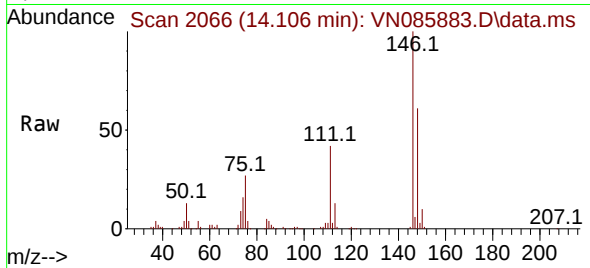
Tgt Ion:117 Resp: 45392
 Ion Ratio Lower Upper
 117 100
 201 72.5 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 19.598 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

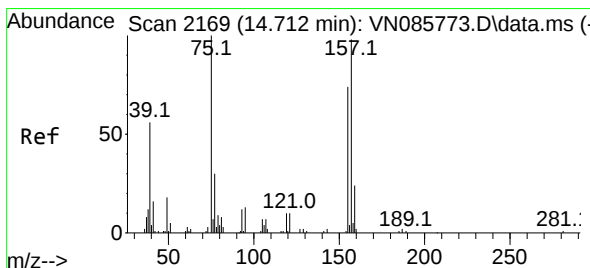
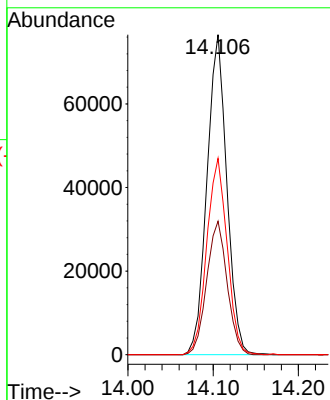
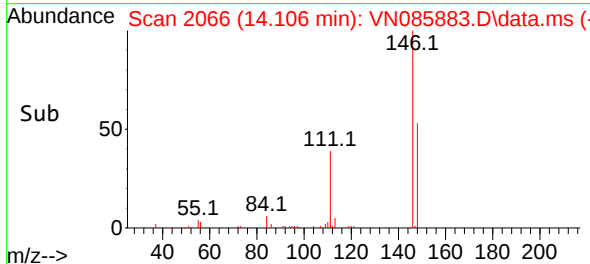
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



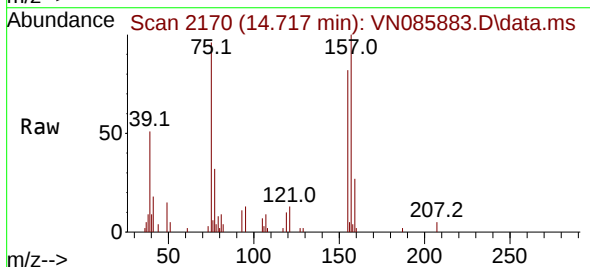
Tgt Ion:146 Resp: 12388
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.3
148 63.1 32.0 96.2

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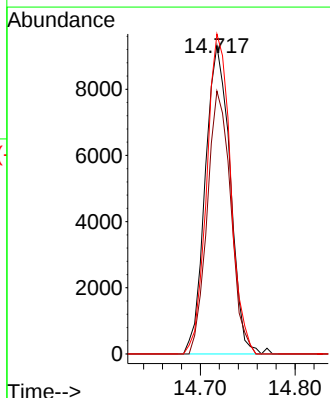
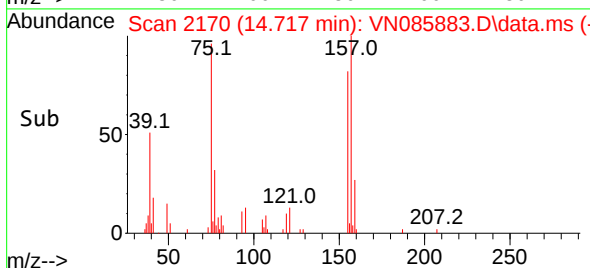
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

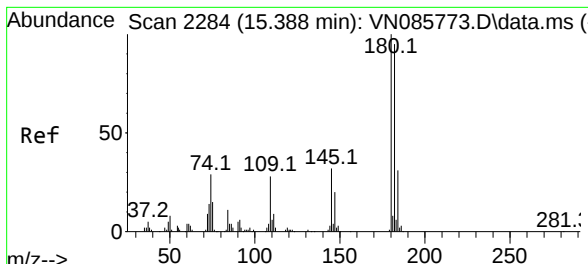


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.789 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



Tgt Ion: 75 Resp: 17059
Ion Ratio Lower Upper
75 100
155 80.5 39.9 119.6
157 99.1 49.9 149.7





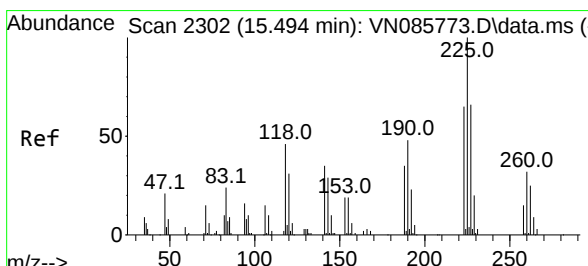
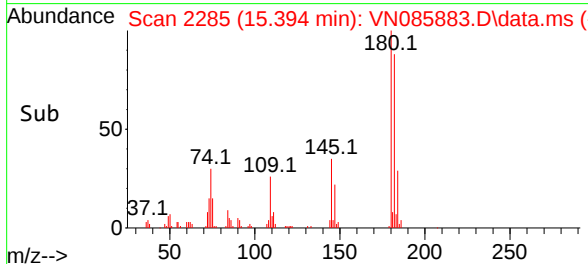
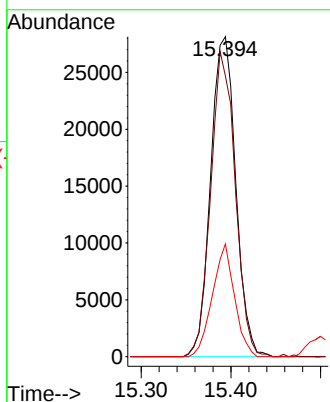
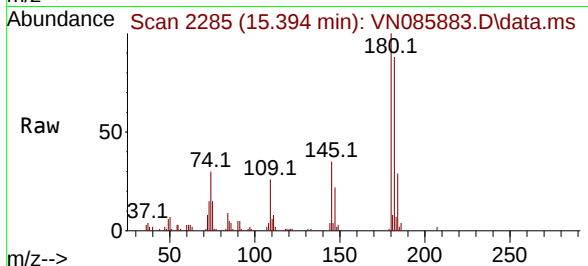
#93
 1,2,4-Trichlorobenzene
 Concen: 18.122 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085883.D
 Acq: 27 Feb 2025 12:17

Instrument : MSVOA_N
 ClientSampleId : VN0227WBS01

Tgt Ion:	180	Resp:	54584
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.3	141.9
145	31.1	16.2	48.5

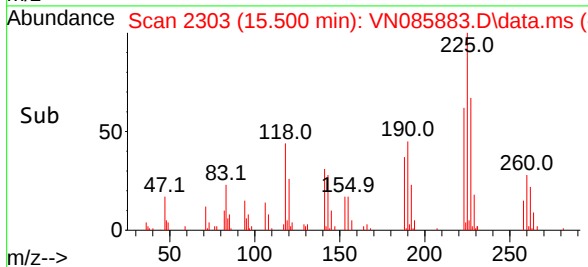
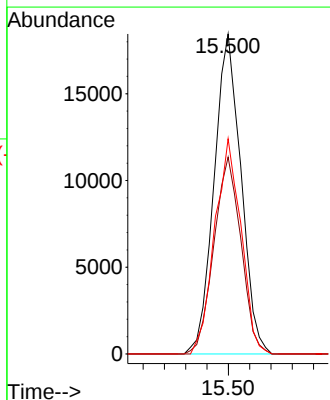
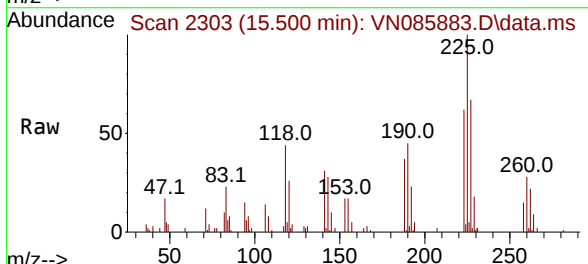
Manual Integrations
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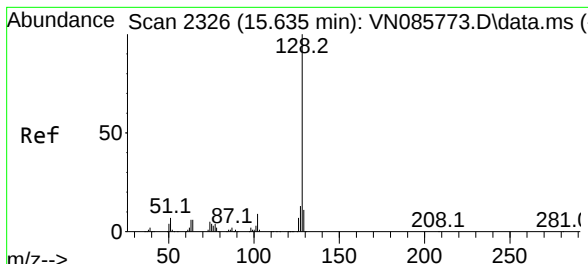
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#94
 Hexachlorobutadiene
 Concen: 17.622 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN085883.D
 Acq: 27 Feb 2025 12:17

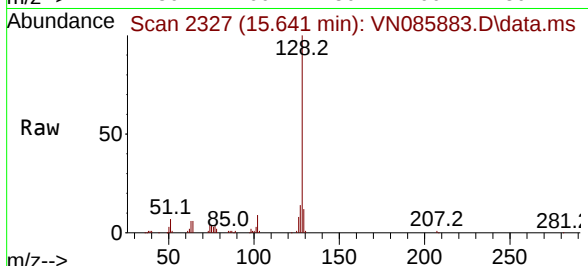
Tgt Ion:	225	Resp:	32257
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.9	95.5
227	66.1	32.2	96.6





#95
Naphthalene
Concen: 18.557 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17

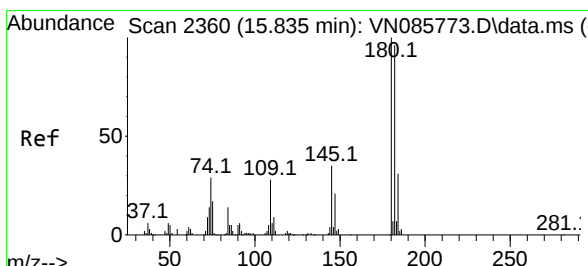
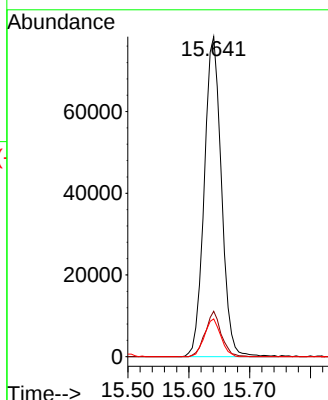
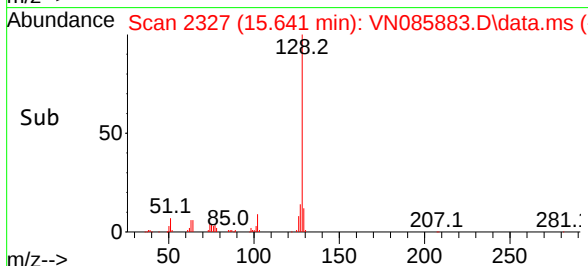
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01



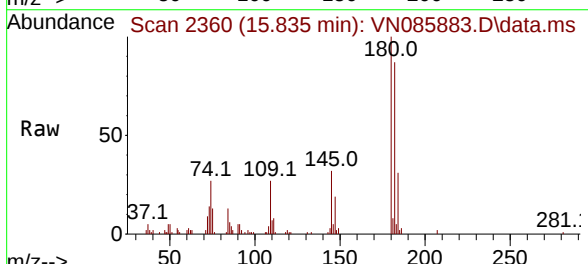
Tgt Ion:128 Resp: 15345
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.3 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.433 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085883.D
Acq: 27 Feb 2025 12:17



Tgt Ion:180 Resp: 55738
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 33.9 16.9 50.6

