

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
 Data File : VN082851.D
 Acq On : 10 Jul 2024 13:26
 Operator : JC\MD
 Sample : VN0710WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Quant Time: Jul 11 03:46:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/11/2024
 Supervised By : Mahesh Dadoda 07/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	124411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	215527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	85159	48.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.660%		
35) Dibromofluoromethane	8.171	113	64095	46.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.700%		
50) Toluene-d8	10.571	98	240663	47.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.220%		
62) 4-Bromofluorobenzene	12.853	95	79635	43.401	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	86.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32184	19.981	ug/l	98
3) Chloromethane	2.365	50	31955	20.920	ug/l	97
4) Vinyl Chloride	2.512	62	34124	21.271	ug/l	96
5) Bromomethane	2.954	94	23162	20.025	ug/l	96
6) Chloroethane	3.118	64	23773	21.655	ug/l	96
7) Trichlorofluoromethane	3.501	101	46137	19.995	ug/l	99
8) Diethyl Ether	3.965	74	14476	18.332	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	27620	21.150	ug/l	95
10) Methyl Iodide	4.583	142	23102	17.255	ug/l	98
11) Tert butyl alcohol	5.524	59	26893	91.682	ug/l	98
12) 1,1-Dichloroethene	4.342	96	23918	18.833	ug/l	86
13) Acrolein	4.177	56	23471	110.830	ug/l	98
14) Allyl chloride	5.024	41	40109	20.255	ug/l	92
15) Acrylonitrile	5.724	53	70457	104.518	ug/l	99
16) Acetone	4.430	43	62878	102.405	ug/l	94
17) Carbon Disulfide	4.706	76	70111	18.474	ug/l	100
18) Methyl Acetate	5.030	43	33526	20.635	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	79984	18.257	ug/l	96
20) Methylene Chloride	5.277	84	28541	19.247	ug/l	84
21) trans-1,2-Dichloroethene	5.789	96	25801	18.749	ug/l	89
22) Diisopropyl ether	6.677	45	85516	20.642	ug/l #	97
23) Vinyl Acetate	6.606	43	327269m	99.475	ug/l	
24) 1,1-Dichloroethane	6.571	63	51259	20.398	ug/l	98
25) 2-Butanone	7.489	43	94920	102.381	ug/l #	89
26) 2,2-Dichloropropane	7.489	77	45075	19.292	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	31617	19.625	ug/l	89
28) Bromochloromethane	7.812	49	24689	22.902	ug/l	85
29) Tetrahydrofuran	7.841	42	62647	107.332	ug/l	89
30) Chloroform	7.965	83	53618	20.112	ug/l	98
31) Cyclohexane	8.259	56	41748	18.310	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	48273	19.503	ug/l	93
36) 1,1-Dichloropropene	8.371	75	35935	18.846	ug/l	98
37) Ethyl Acetate	7.559	43	39477	20.336	ug/l	98
38) Carbon Tetrachloride	8.365	117	44719	19.479	ug/l	99
39) Methylcyclohexane	9.606	83	35153	17.067	ug/l	94
40) Benzene	8.606	78	113771	19.397	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19643	18.782	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	41094	19.462	ug/l	96
43) Isopropyl Acetate	8.688	43	67555	16.466	ug/l	96
44) Trichloroethene	9.353	130	26889	17.894	ug/l	99
45) 1,2-Dichloropropane	9.624	63	27879	20.360	ug/l	94
46) Dibromomethane	9.712	93	21464	20.120	ug/l	99
47) Bromodichloromethane	9.888	83	43010	19.513	ug/l	98
48) Methyl methacrylate	9.683	41	29557	19.418	ug/l	93
49) 1,4-Dioxane	9.700	88	12664	377.190	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	201885	104.901	ug/l	94
52) Toluene	10.630	92	70169	19.152	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	42137	18.557	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	45413	18.894	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	27410	20.345	ug/l	93
56) Ethyl methacrylate	10.877	69	39422	18.807	ug/l	90
57) 1,3-Dichloropropane	11.165	76	47034	19.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	116565	108.376	ug/l	96
59) 2-Hexanone	11.200	43	150432	105.134	ug/l	95
60) Dibromochloromethane	11.359	129	32900	19.173	ug/l	96
61) 1,2-Dibromoethane	11.471	107	27617	19.302	ug/l	97
64) Tetrachloroethene	11.106	164	26401	17.761	ug/l	96
65) Chlorobenzene	11.894	112	76976	18.030	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	27625	18.191	ug/l	96
67) Ethyl Benzene	11.965	91	124247	17.316	ug/l	98
68) m/p-Xylenes	12.077	106	96258	35.533	ug/l	100
69) o-Xylene	12.400	106	45803	17.646	ug/l	95
70) Styrene	12.412	104	77463	18.061	ug/l	98
71) Bromoform	12.582	173	21936	18.368	ug/l #	100
73) Isopropylbenzene	12.700	105	114853	17.090	ug/l	100
74) N-amyl acetate	12.494	43	51384	18.485	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	39021	19.387	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	36238m	22.727	ug/l	
77) Bromobenzene	12.982	156	30286	17.468	ug/l	98
78) n-propylbenzene	13.035	91	136104	17.614	ug/l	100
79) 2-Chlorotoluene	13.124	91	85707	17.408	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	96129	17.696	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15628	19.276	ug/l	85
82) 4-Chlorotoluene	13.224	91	84490	17.338	ug/l	99
83) tert-Butylbenzene	13.441	119	78042	16.205	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	98233	17.742	ug/l	99
85) sec-Butylbenzene	13.618	105	111112	17.073	ug/l	99
86) p-Isopropyltoluene	13.729	119	90438	16.656	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	53344	17.032	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	55377	17.097	ug/l	99
89) n-Butylbenzene	14.059	91	73606	15.823	ug/l	98
90) Hexachloroethane	14.335	117	20149	17.537	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	52802	17.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8315	17.857	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	25474	15.552	ug/l	98
94) Hexachlorobutadiene	15.506	225	11226	15.460	ug/l	95
95) Naphthalene	15.641	128	81087	14.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	26076	15.483	ug/l	98

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

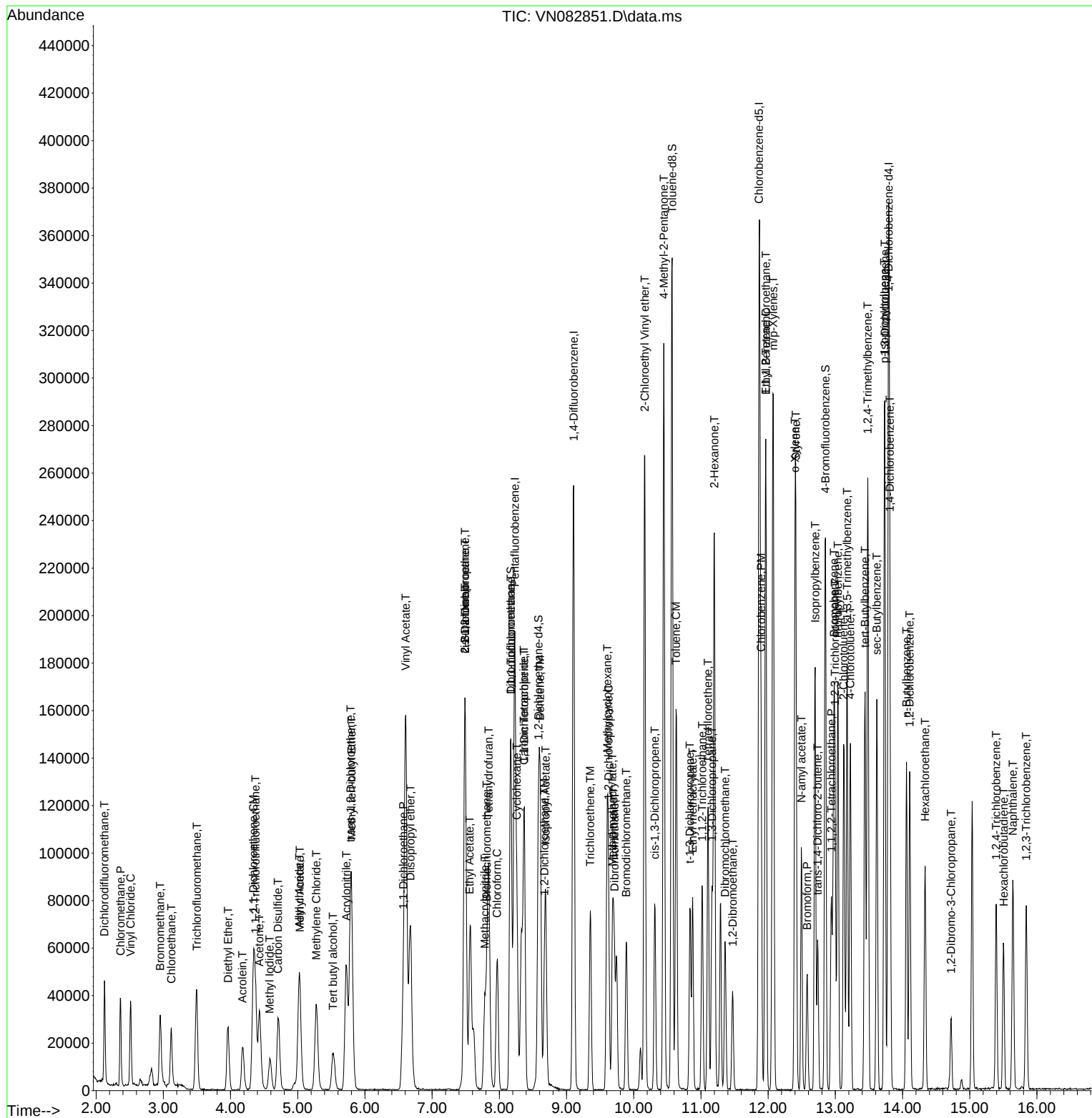
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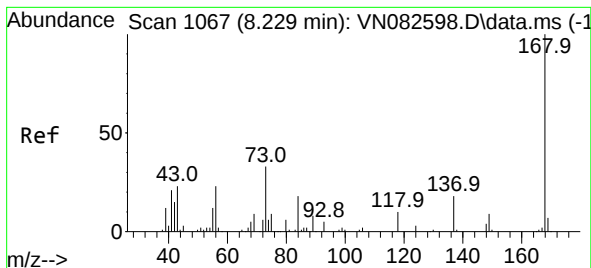
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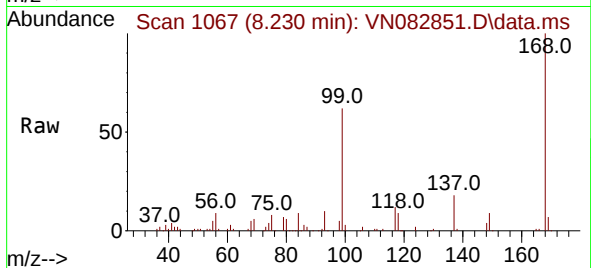
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082851.D
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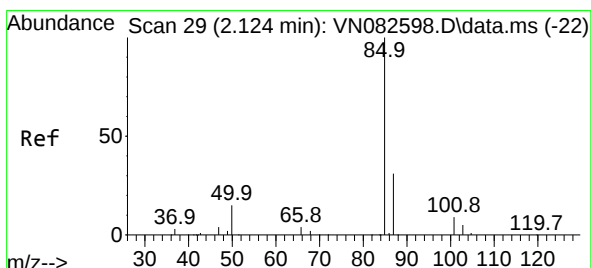
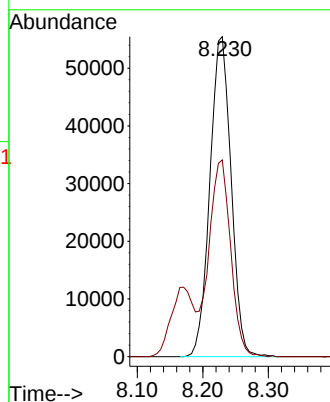
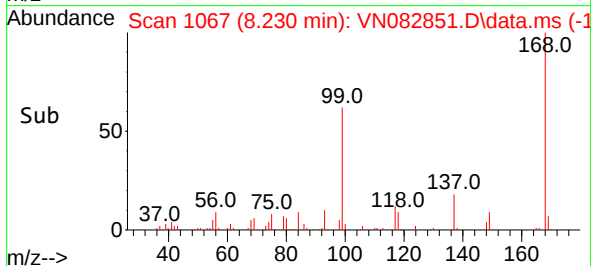
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 12441
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4

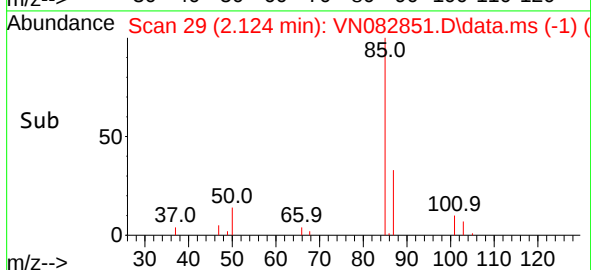
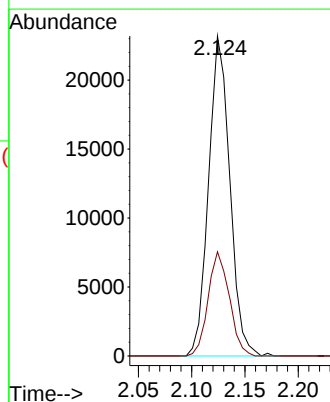
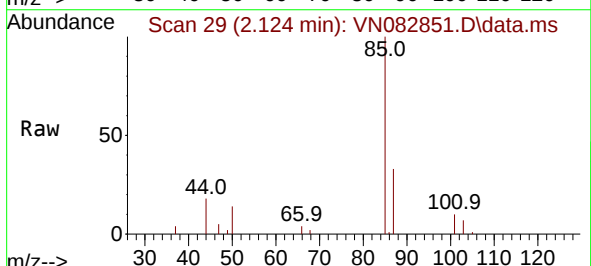
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#2
Dichlorodifluoromethane
Concen: 19.981 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 85 Resp: 32184
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0





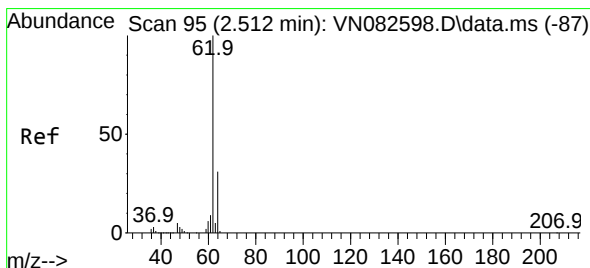
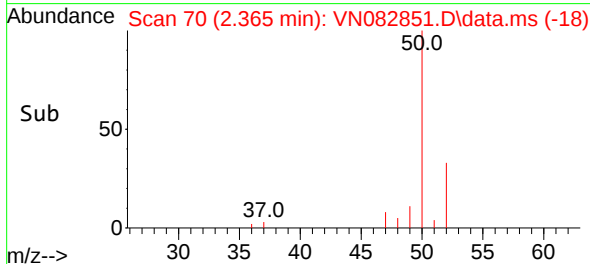
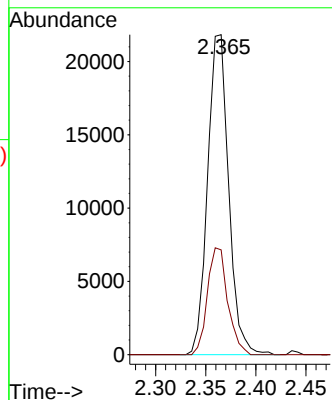
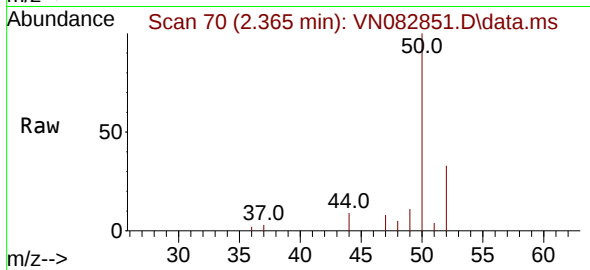
#3
Chloromethane
Concen: 20.920 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion: 50 Resp: 3195
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

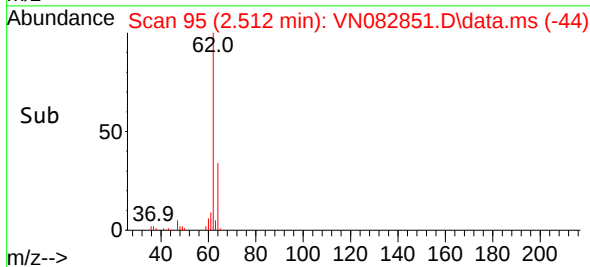
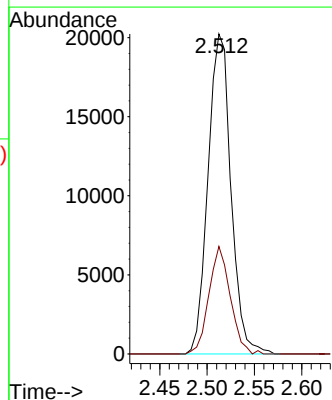
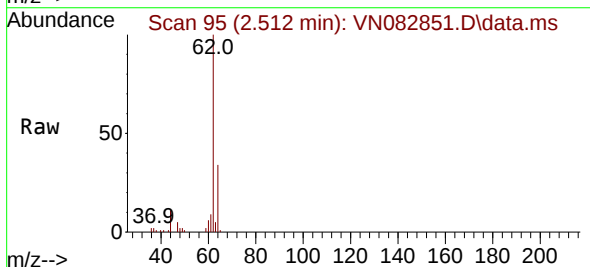
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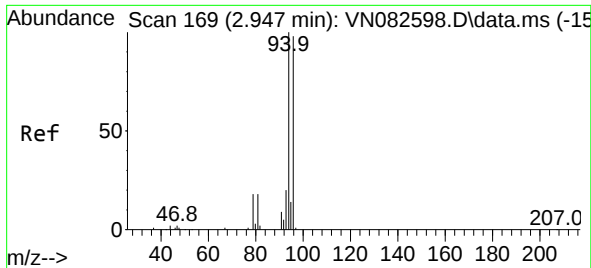
Reviewed By :John Carlone 07/11/2024
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#4
Vinyl Chloride
Concen: 21.271 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

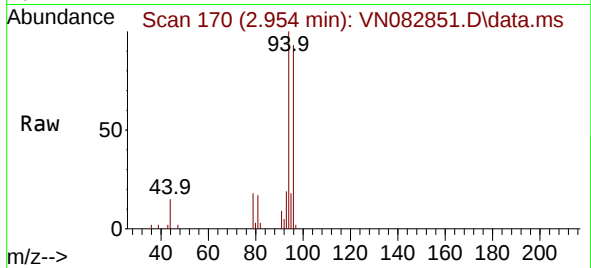
Tgt Ion: 62 Resp: 34124
Ion Ratio Lower Upper
62 100
64 33.6 25.0 37.6





#5
Bromomethane
Concen: 20.025 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

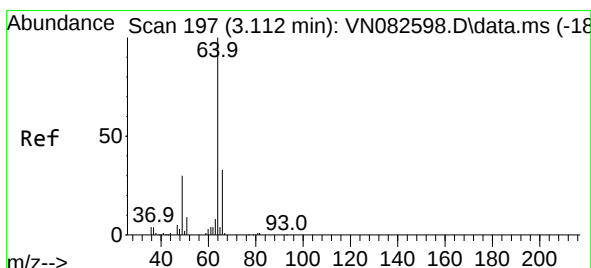
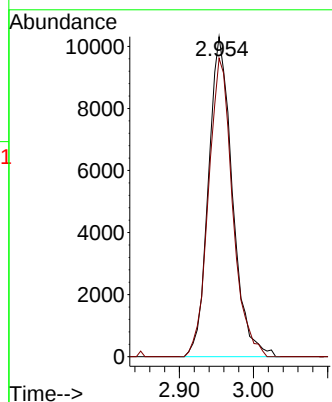
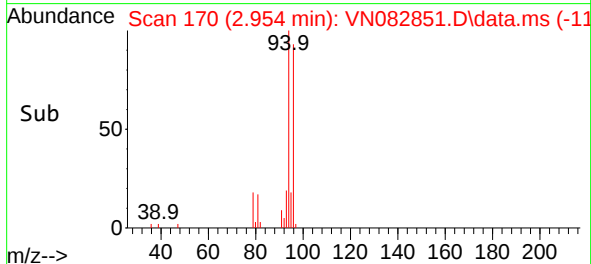
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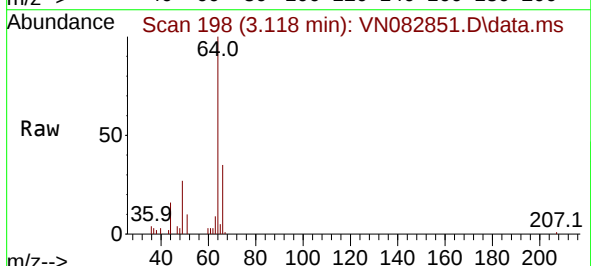
Tgt Ion: 94 Resp: 23162
Ion Ratio Lower Upper
94 100
96 93.2 78.0 117.0

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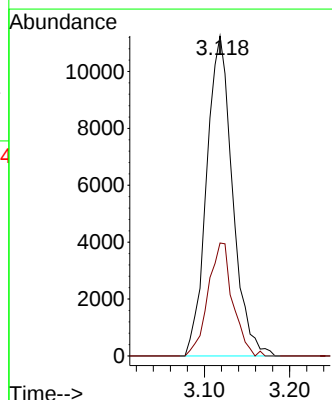
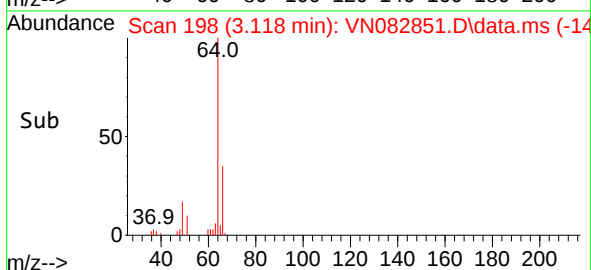
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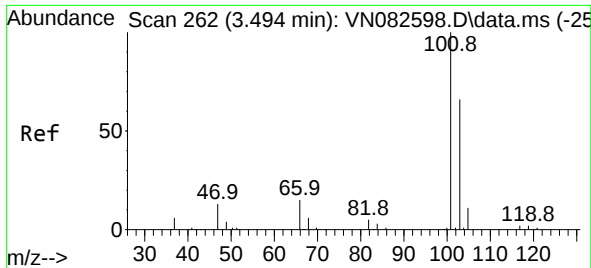


#6
Chloroethane
Concen: 21.655 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



Tgt Ion: 64 Resp: 23773
Ion Ratio Lower Upper
64 100
66 35.3 26.6 40.0





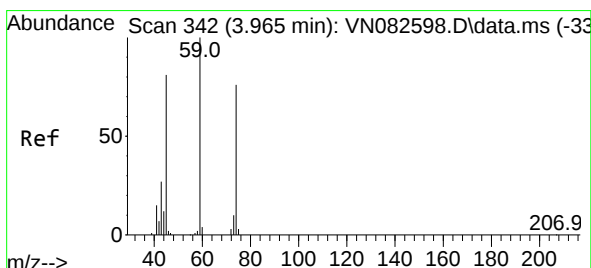
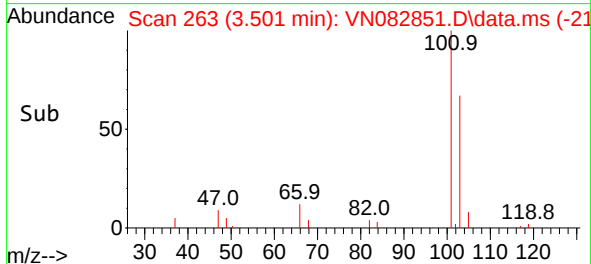
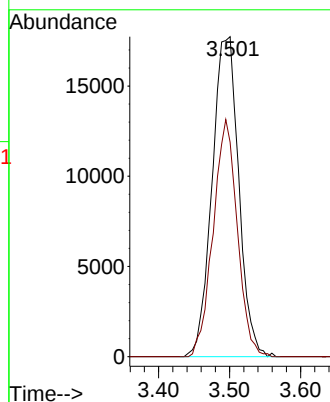
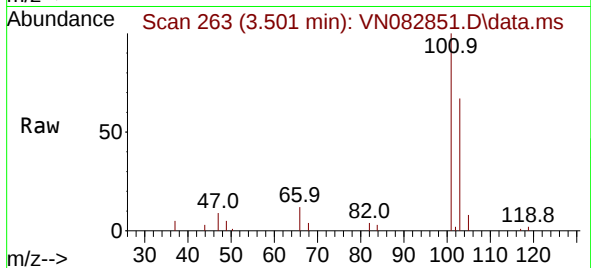
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Trichlorofluoromethane
Concen: 19.995 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.007 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 4613
Ion Ratio Lower Upper
101 100
103 67.0 52.7 79.1

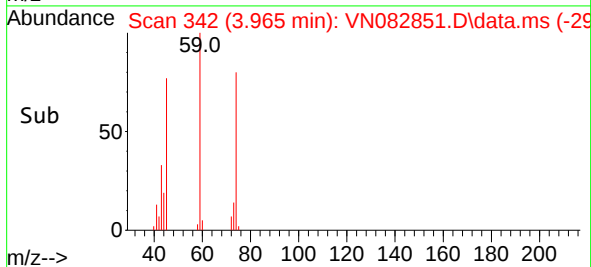
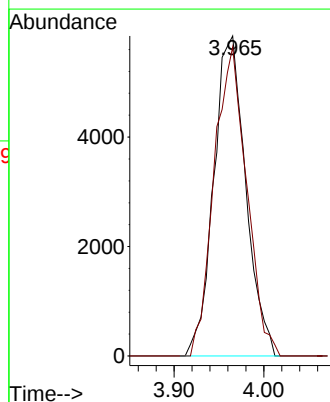
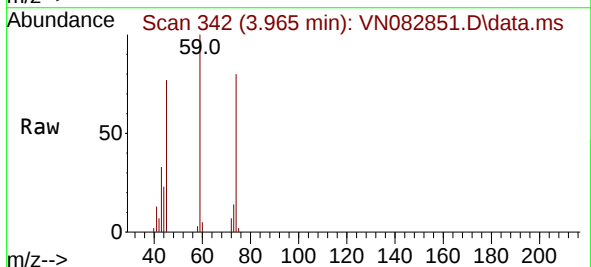
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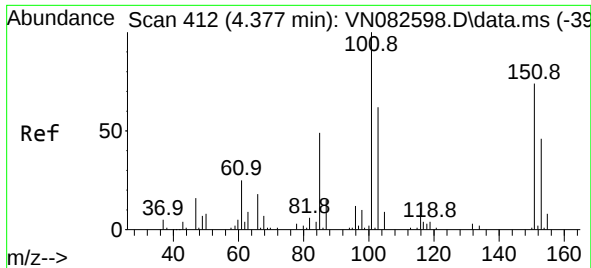
Reviewed By :John Carlone 07/11/2024
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#8
Diethyl Ether
Concen: 18.332 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 74 Resp: 14476
Ion Ratio Lower Upper
74 100
45 98.2 55.5 166.3





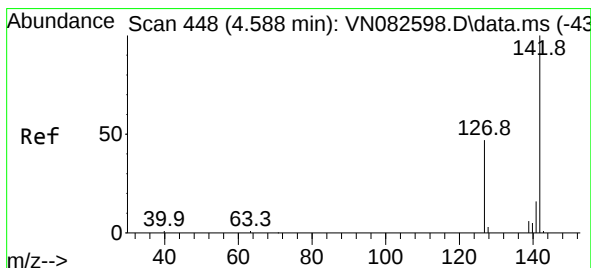
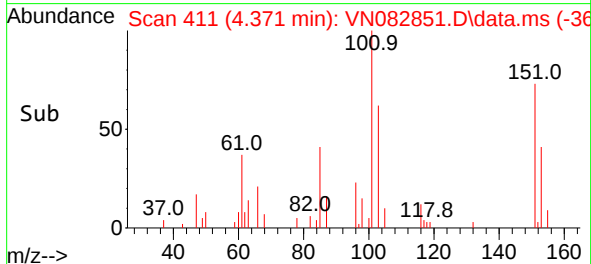
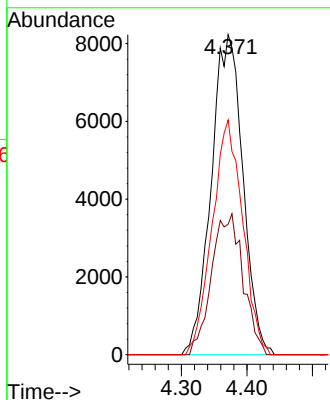
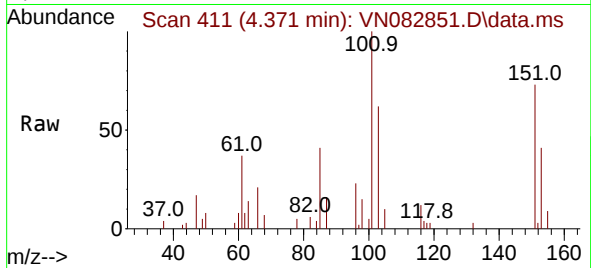
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.150 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion:101 Resp: 27620
Ion Ratio Lower Upper
101 100
85 43.8 38.3 57.5
151 70.6 59.3 88.9

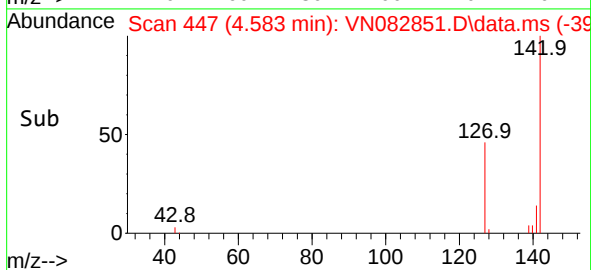
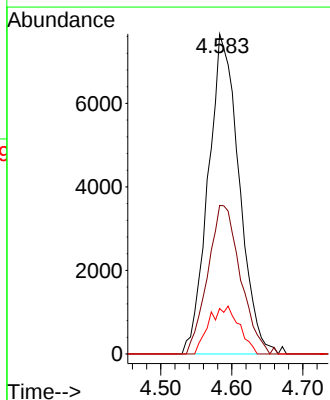
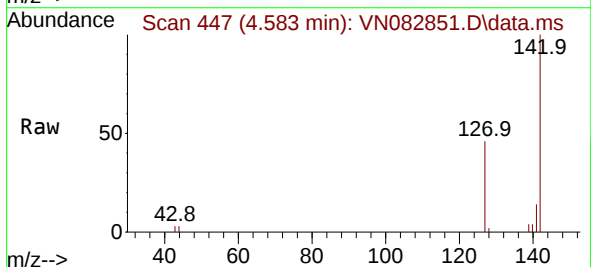
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#10
Methyl Iodide
Concen: 17.255 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.005 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

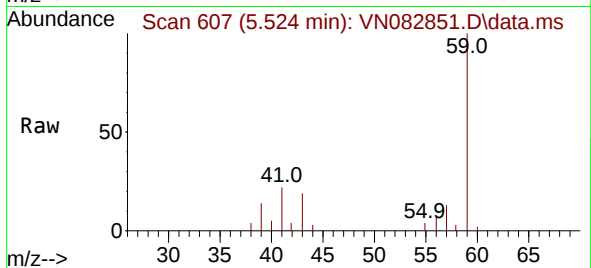
Tgt Ion:142 Resp: 23102
Ion Ratio Lower Upper
142 100
127 46.4 37.5 56.3
141 14.2 13.1 19.7





#11
Tert butyl alcohol
Concen: 91.682 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

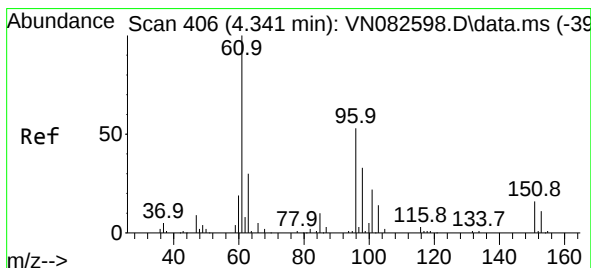
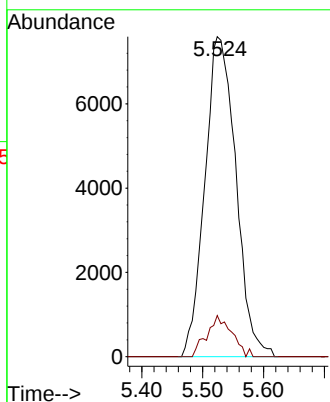
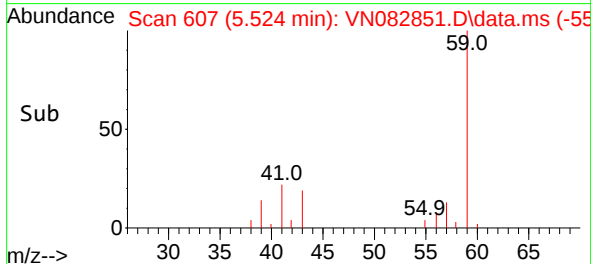
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



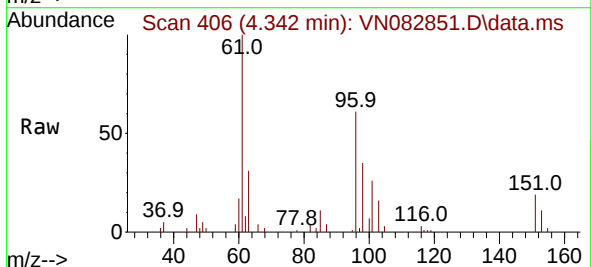
Tgt Ion: 59 Resp: 2689
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3

Manual Integrations
APPROVED

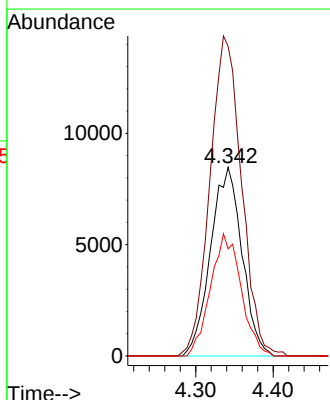
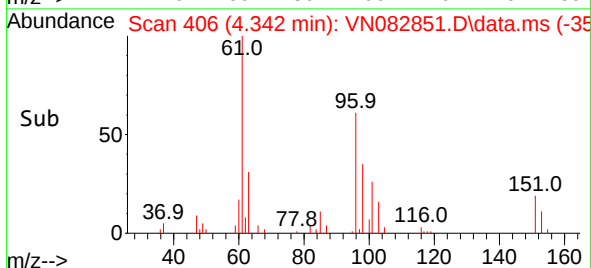
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#12
1,1-Dichloroethene
Concen: 18.833 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



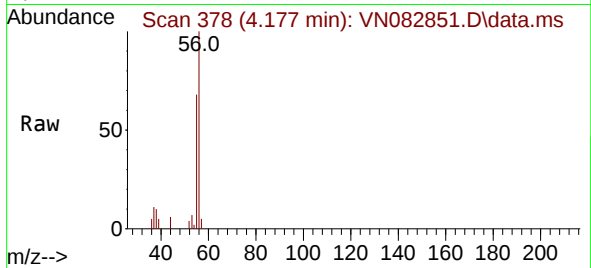
Tgt Ion: 96 Resp: 23918
Ion Ratio Lower Upper
96 100
61 164.2 149.7 224.5
98 56.9 50.1 75.1





#13
Acrolein
Concen: 110.830 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

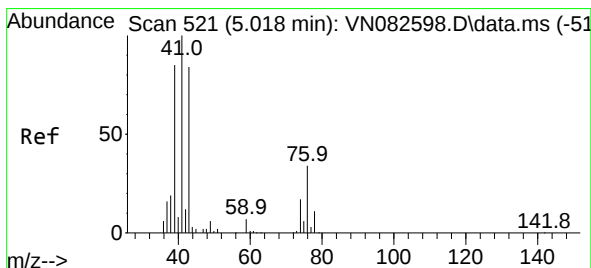
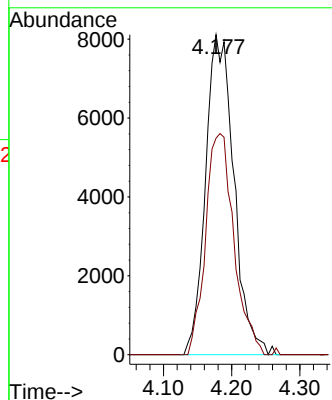
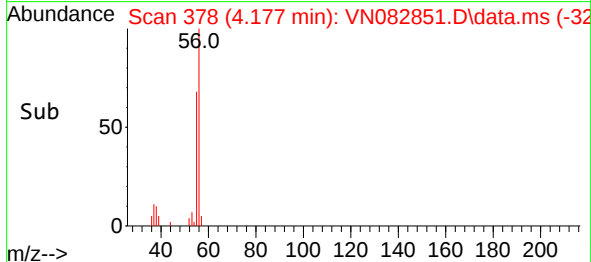
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 56 Resp: 2347
Ion Ratio Lower Upper
56 100
55 68.9 56.4 84.6

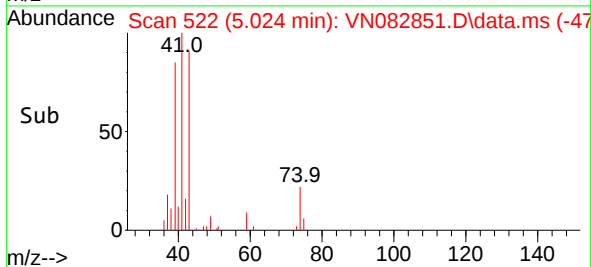
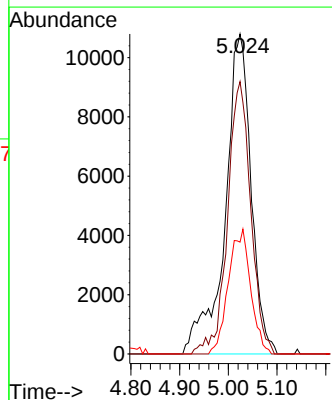
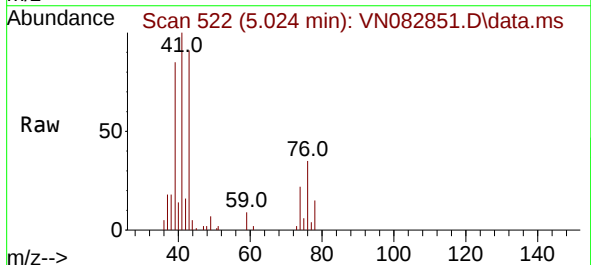
Manual Integrations
APPROVED

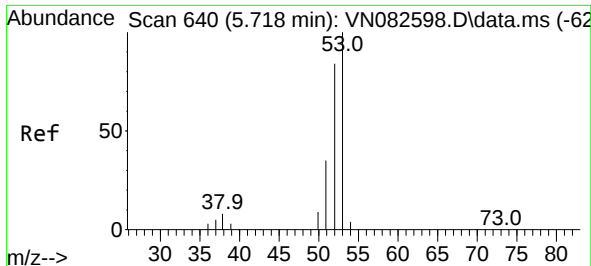
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#14
Allyl chloride
Concen: 20.255 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

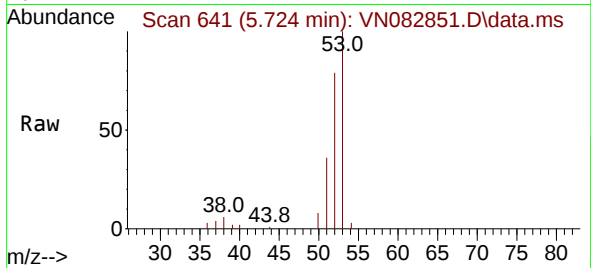
Tgt Ion: 41 Resp: 40109
Ion Ratio Lower Upper
41 100
39 75.7 67.8 101.6
76 33.3 25.8 38.8





#15
Acrylonitrile
Concen: 104.518 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

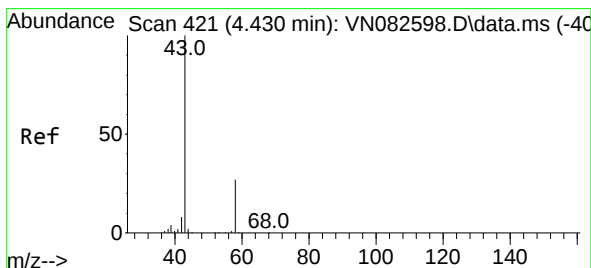
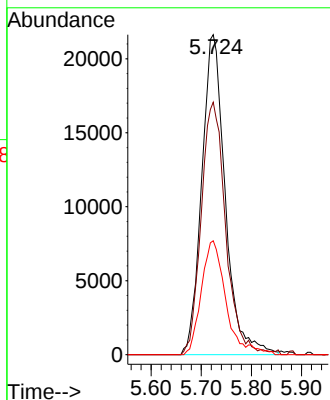
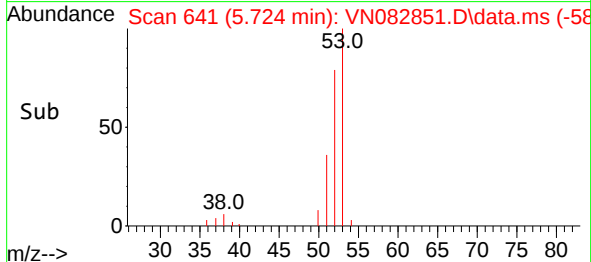
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 53 Resp: 7045
Ion Ratio Lower Upper
53 100
52 81.9 66.6 100.0
51 37.2 30.1 45.1

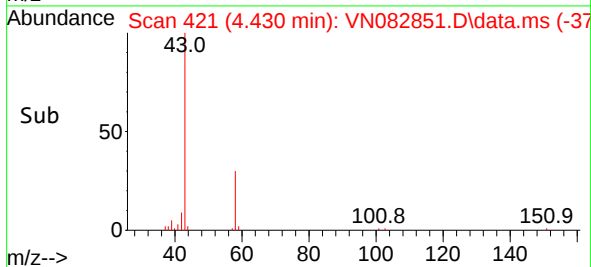
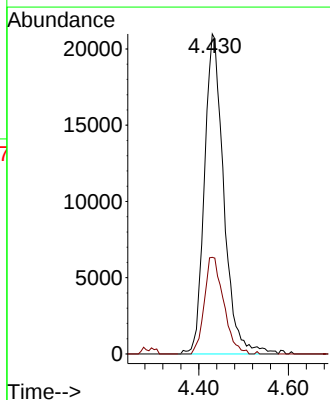
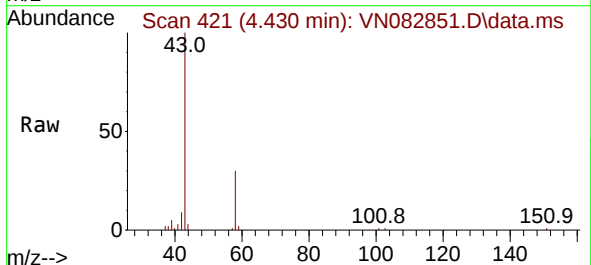
Manual Integrations
APPROVED

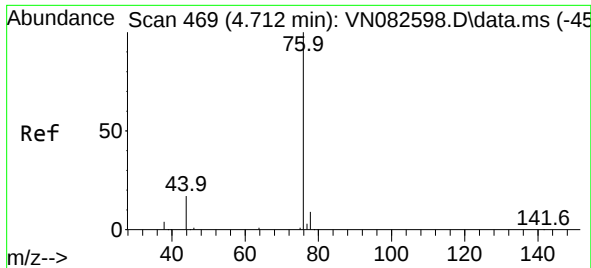
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#16
Acetone
Concen: 102.405 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 43 Resp: 62878
Ion Ratio Lower Upper
43 100
58 30.2 21.8 32.6





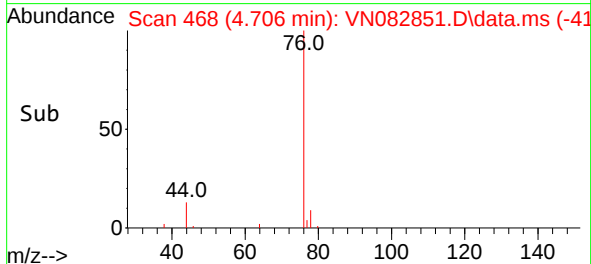
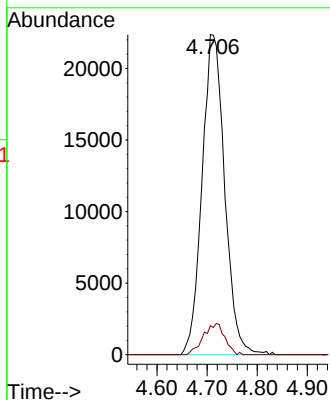
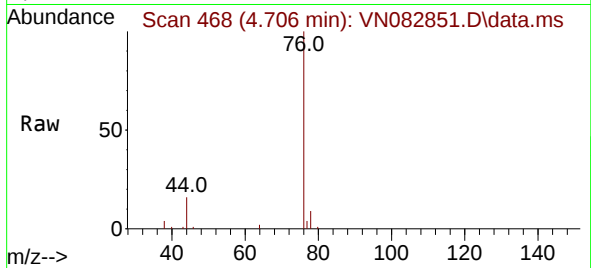
#17
Carbon Disulfide
Concen: 18.474 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion: 76 Resp: 7011
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

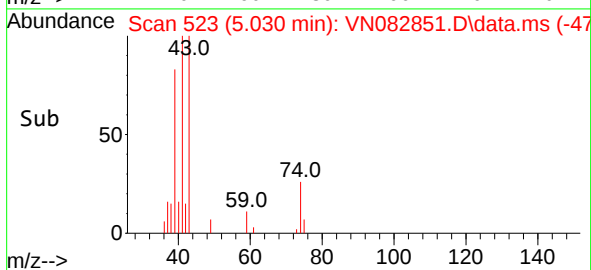
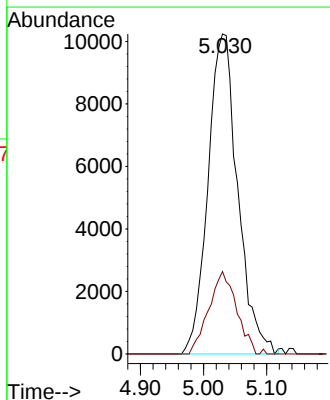
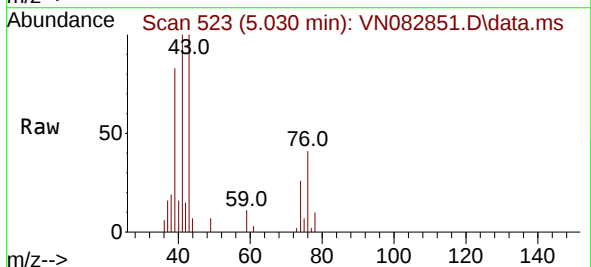
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#18
Methyl Acetate
Concen: 20.635 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 43 Resp: 33526
Ion Ratio Lower Upper
43 100
74 23.9 16.3 24.5





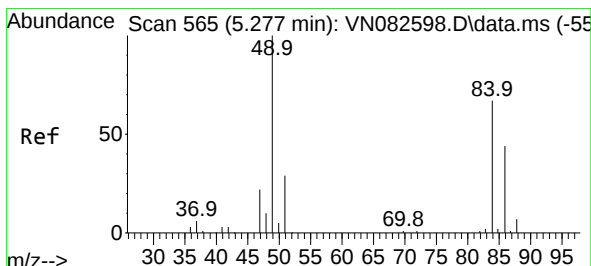
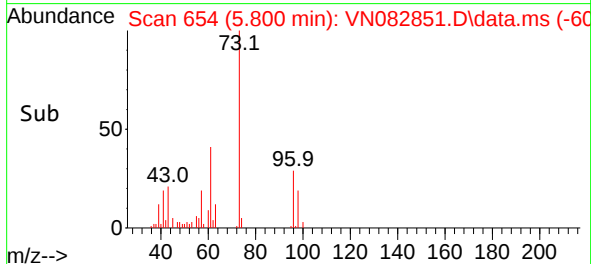
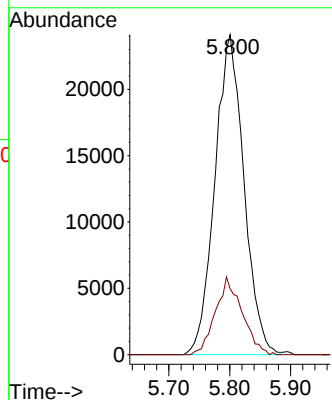
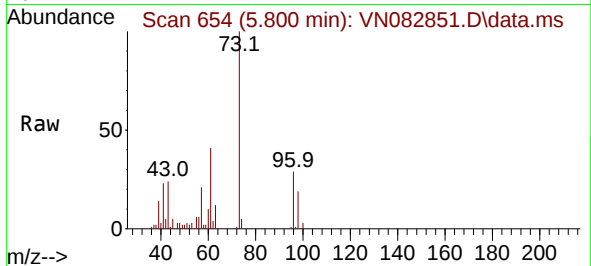
#19
Methyl tert-butyl Ether
Concen: 18.257 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion: 73 Resp: 79984
Ion Ratio Lower Upper
73 100
57 20.6 17.9 26.9

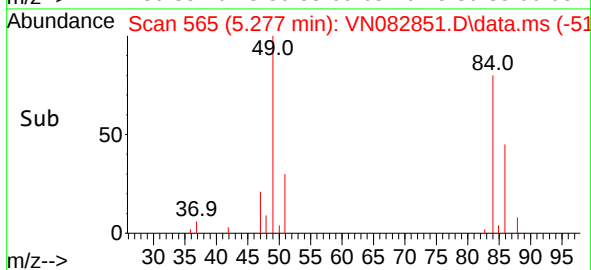
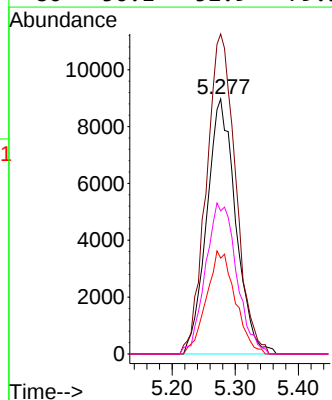
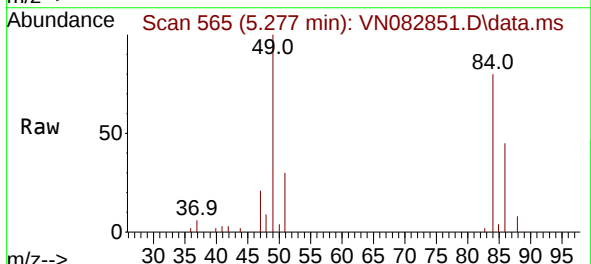
Manual Integrations
APPROVED

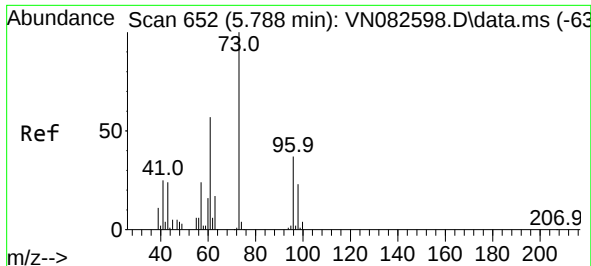
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#20
Methylene Chloride
Concen: 19.247 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

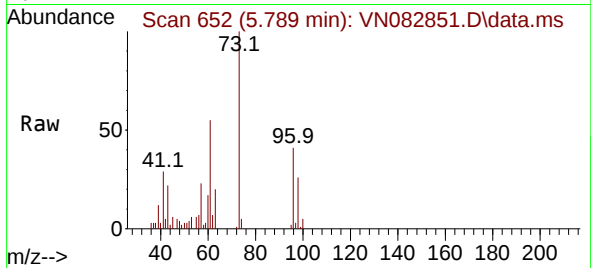
Tgt Ion: 84 Resp: 28541
Ion Ratio Lower Upper
84 100
49 125.5 119.6 179.4
51 37.6 34.8 52.2
86 56.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.749 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

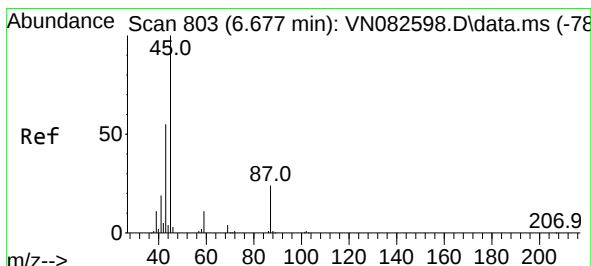
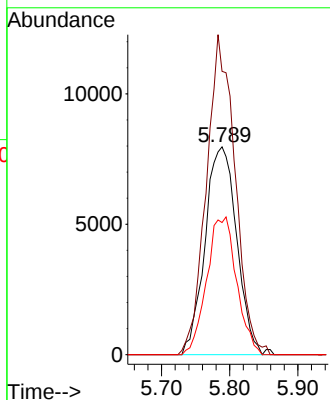
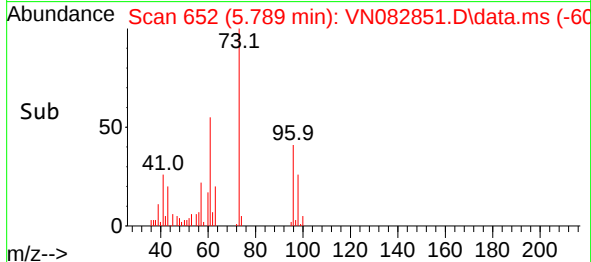
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 96 Resp: 2580
Ion Ratio Lower Upper
96 100
61 136.3 123.4 185.2
98 63.6 49.3 73.9

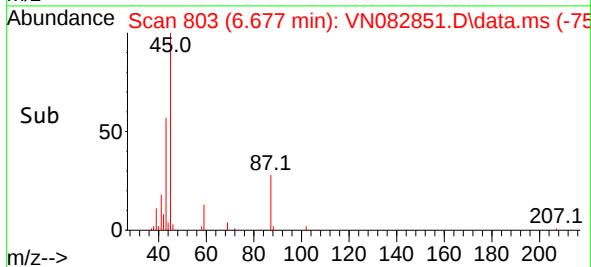
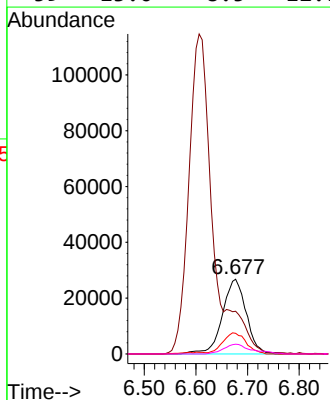
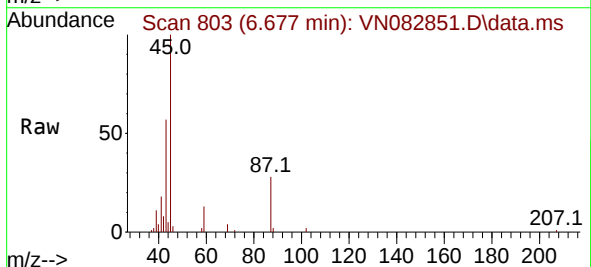
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#22
Diisopropyl ether
Concen: 20.642 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

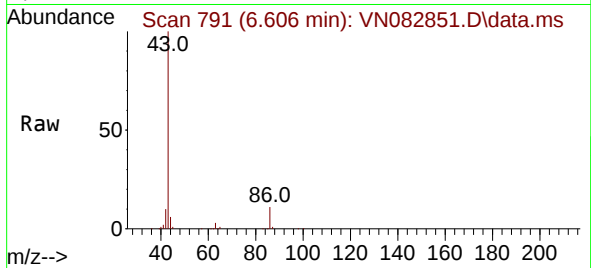
Tgt Ion: 45 Resp: 85516
Ion Ratio Lower Upper
45 100
43 55.2 44.0 66.0
87 27.7 19.7 29.5
59 13.0 8.5 12.7#





#23
 Vinyl Acetate
 Concen: 99.475 ug/l m
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082851.D
 Acq: 10 Jul 2024 13:26

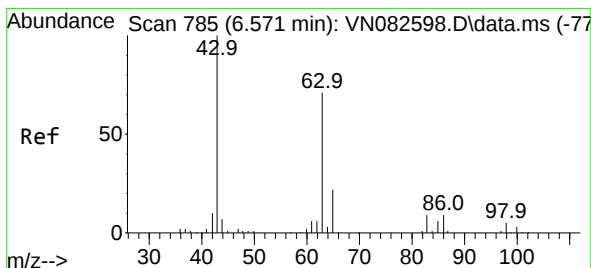
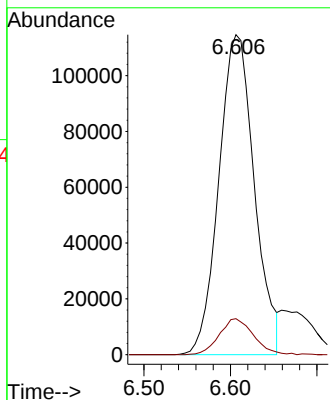
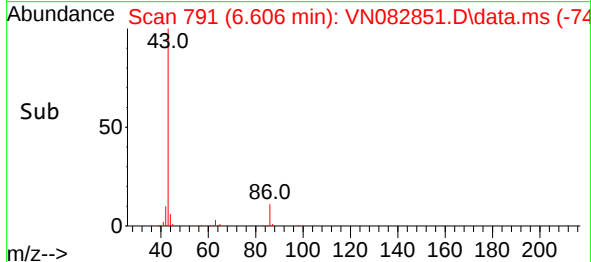
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01



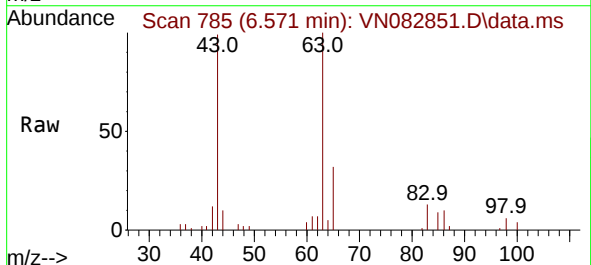
Tgt Ion: 43 Resp: 327269
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.3 10.9

Manual Integrations
 APPROVED

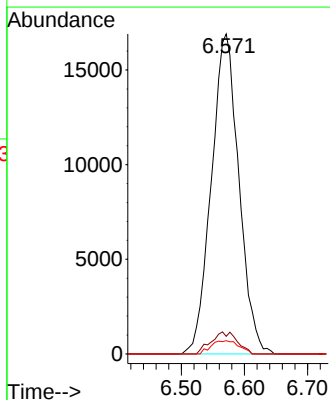
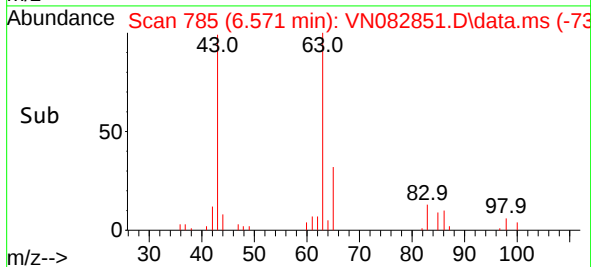
Reviewed By :John Carlone 07/11/2024
 Supervised By :Mahesh Dadoda 07/11/2024

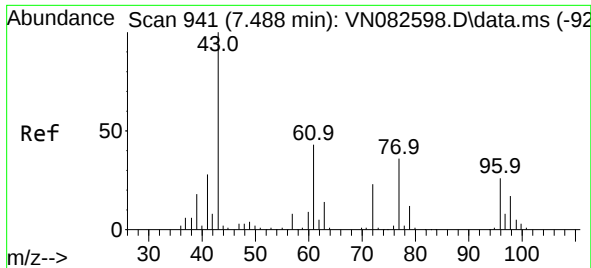


#24
 1,1-Dichloroethane
 Concen: 20.398 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082851.D
 Acq: 10 Jul 2024 13:26



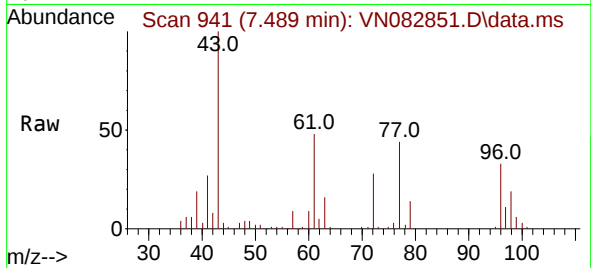
Tgt Ion: 63 Resp: 51259
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.9
 100 4.2 2.0 6.0





#25
2-Butanone
Concen: 102.381 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

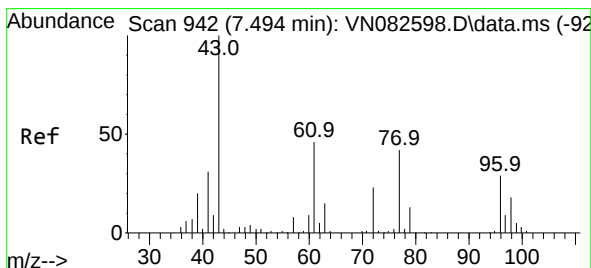
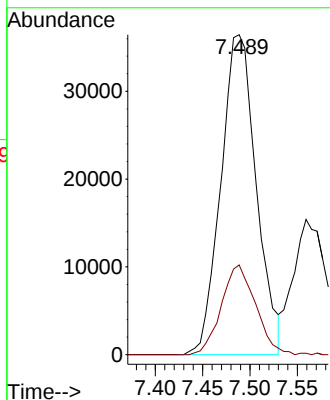
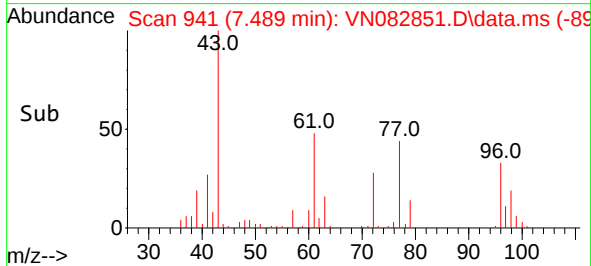
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



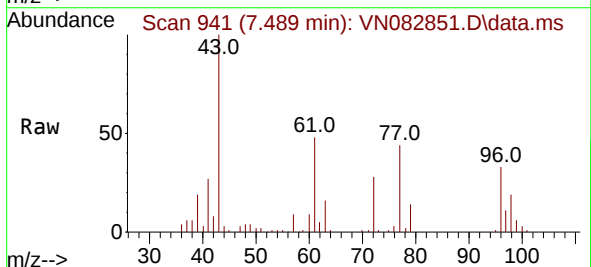
Tgt Ion: 43 Resp: 94920
Ion Ratio Lower Upper
43 100
72 28.1 18.2 27.2

Manual Integrations
APPROVED

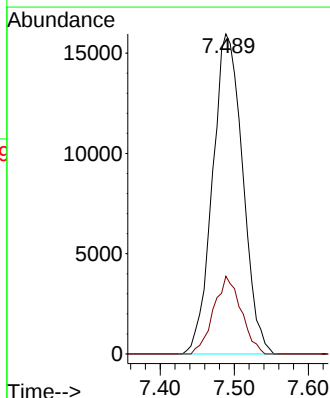
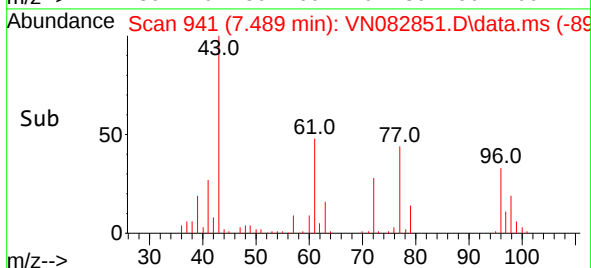
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

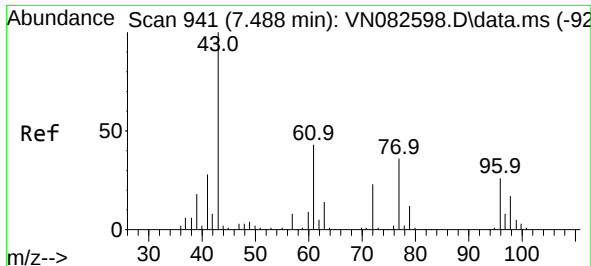


#26
2,2-Dichloropropane
Concen: 19.292 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



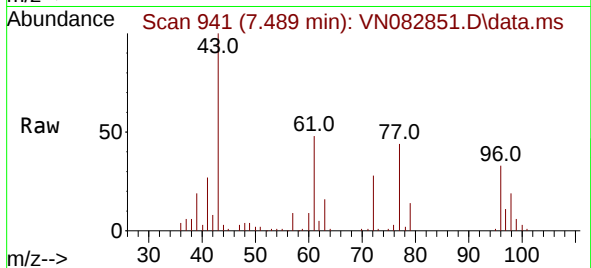
Tgt Ion: 77 Resp: 45075
Ion Ratio Lower Upper
77 100
97 22.1 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.625 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN082851.D
 Acq: 10 Jul 2024 13:26

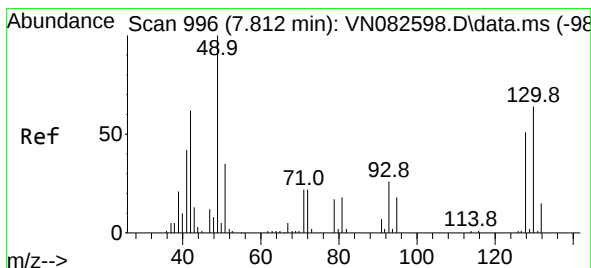
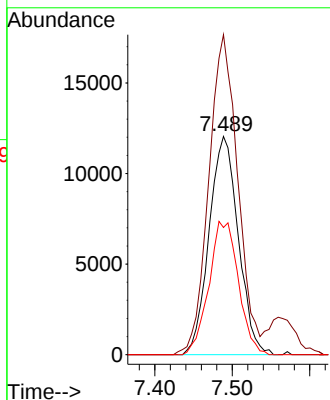
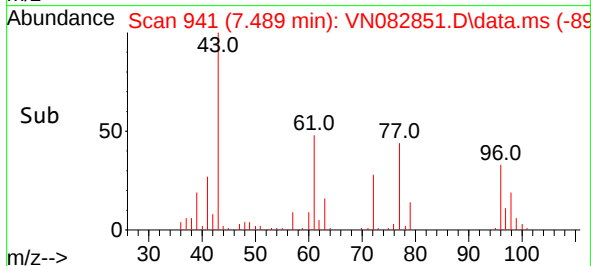
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01



Tgt Ion: 96 Resp: 3161
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 329.6
 98 61.6 0.0 128.6

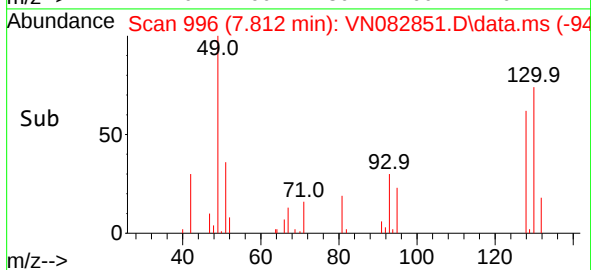
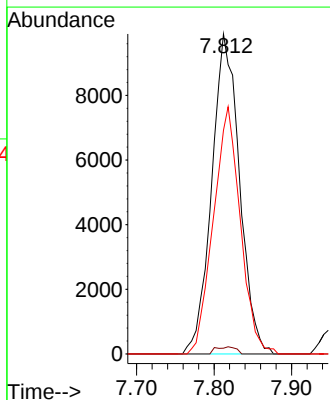
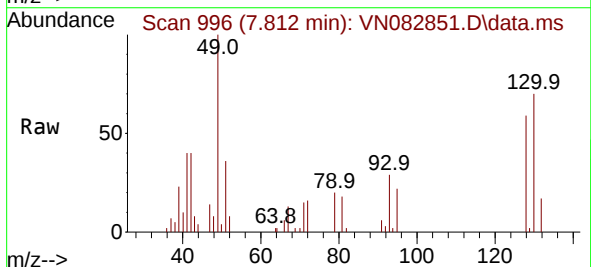
Manual Integrations
 APPROVED

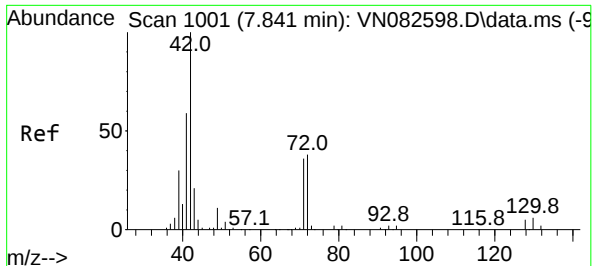
Reviewed By :John Carlone 07/11/2024
 Supervised By :Mahesh Dadoda 07/11/2024



#28
 Bromochloromethane
 Concen: 22.902 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082851.D
 Acq: 10 Jul 2024 13:26

Tgt Ion: 49 Resp: 24689
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 75.0 50.5 75.7





#29

Tetrahydrofuran

Concen: 107.332 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tgt Ion: 42 Resp: 6264

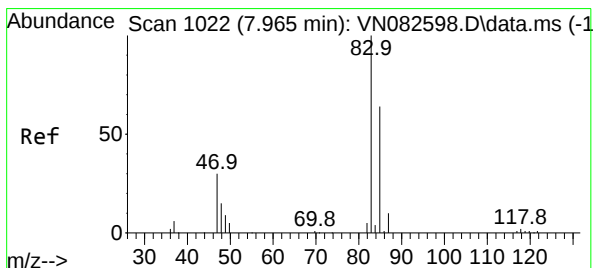
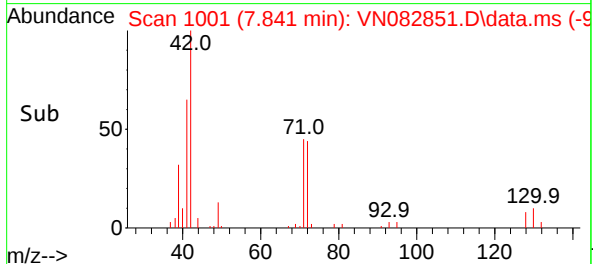
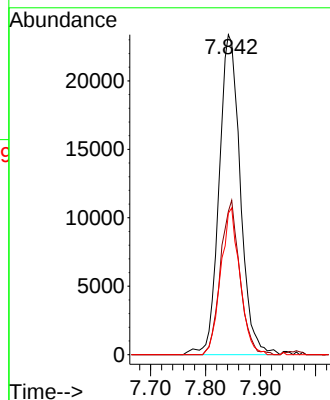
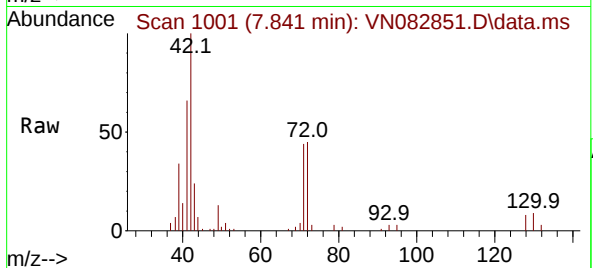
Ion	Ratio	Lower	Upper
42	100		
72	44.0	30.0	45.0
71	41.4	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#30

Chloroform

Concen: 20.112 ug/l

RT: 7.965 min Scan# 1022

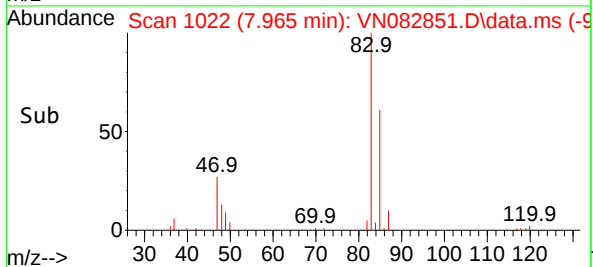
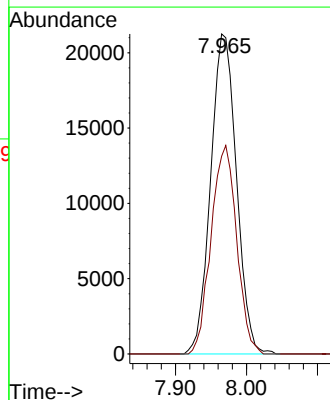
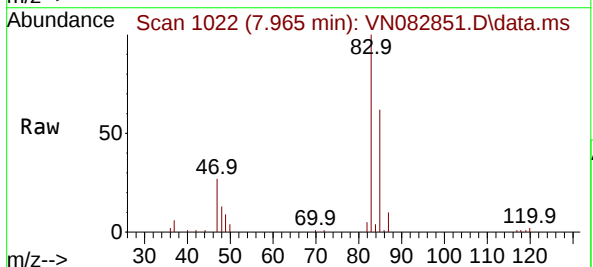
Delta R.T. 0.000 min

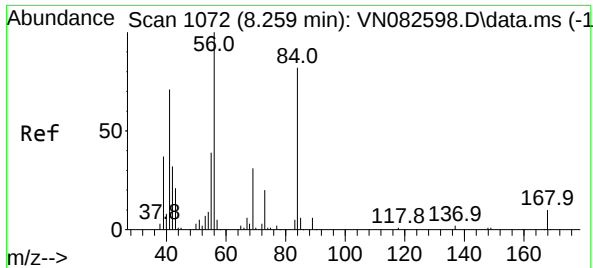
Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Tgt Ion: 83 Resp: 53618

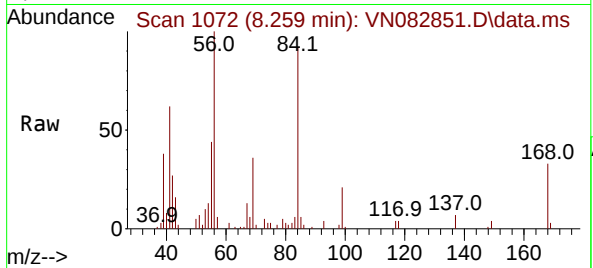
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.9	76.3





#31
Cyclohexane
Concen: 18.310 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

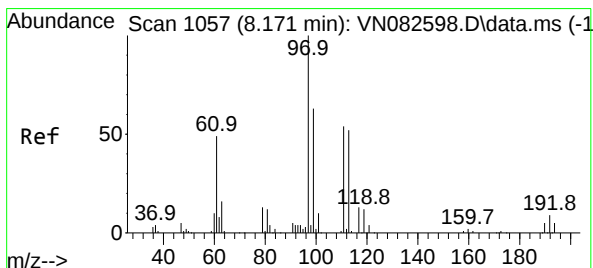
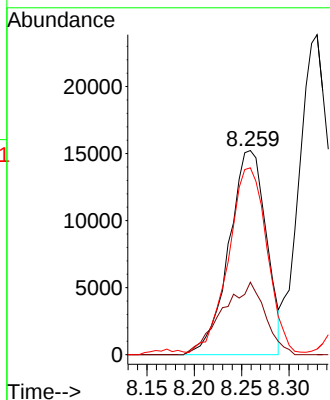
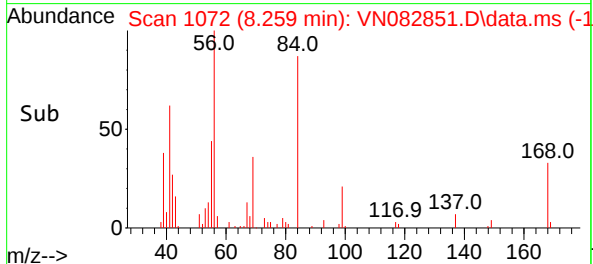
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



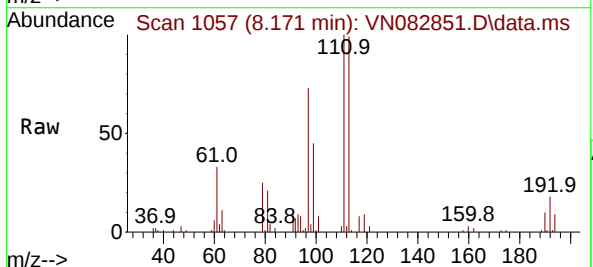
Tgt Ion: 56 Resp: 41748
Ion Ratio Lower Upper
56 100
69 35.5 24.5 36.7
84 89.4 66.0 99.0

Manual Integrations
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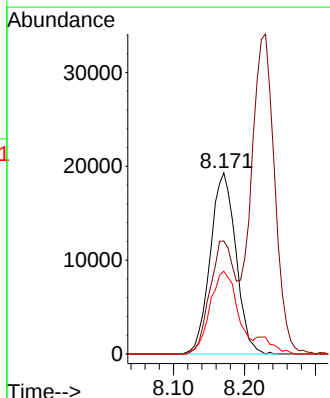
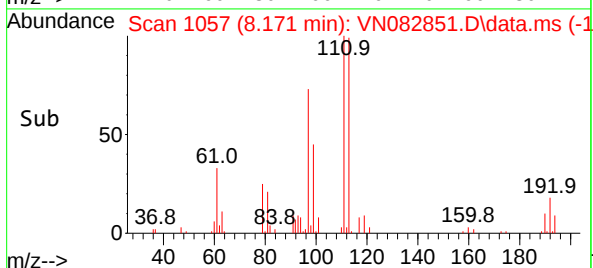
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

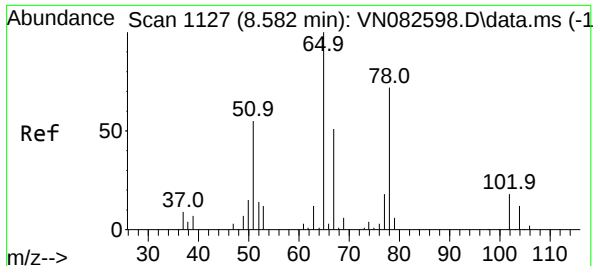


#32
1,1,1-Trichloroethane
Concen: 19.503 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



Tgt Ion: 97 Resp: 48273
Ion Ratio Lower Upper
97 100
99 58.5 52.0 78.0
61 49.2 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 48.830 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tgt Ion: 65 Resp: 85159

Ion Ratio Lower Upper

65 100

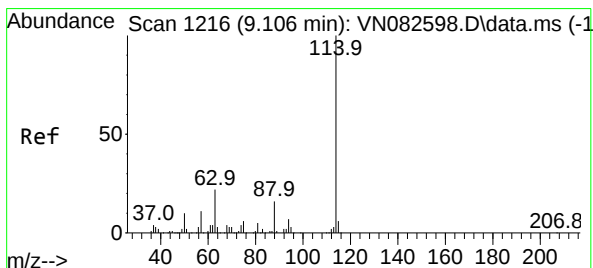
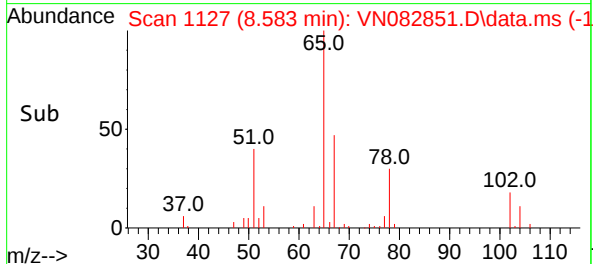
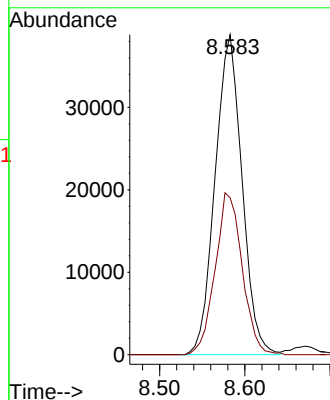
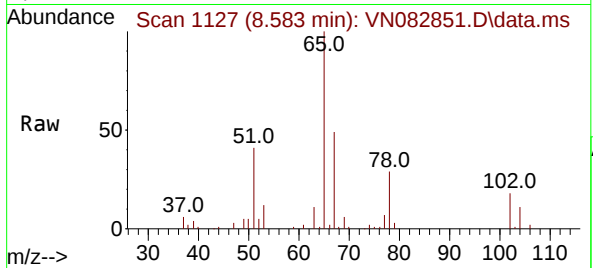
67 50.8 0.0 104.4

Manual Integrations

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Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

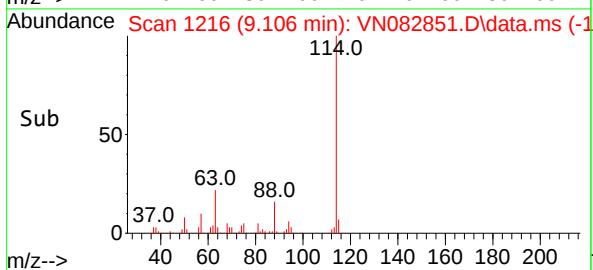
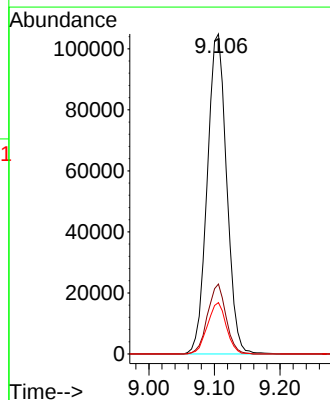
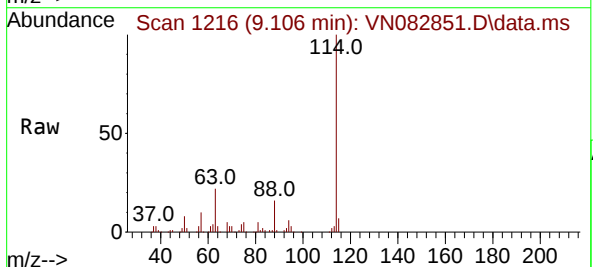
Tgt Ion:114 Resp: 215527

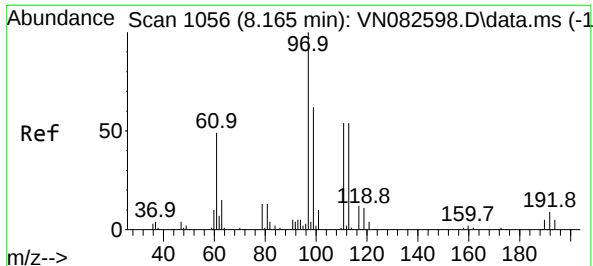
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.6

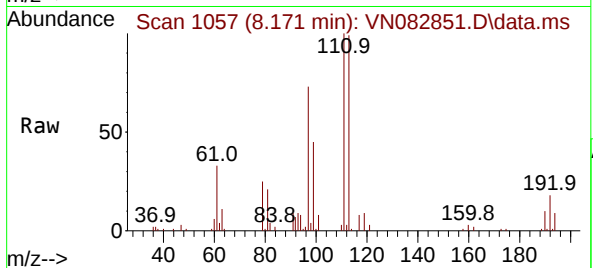
88 16.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 46.346 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

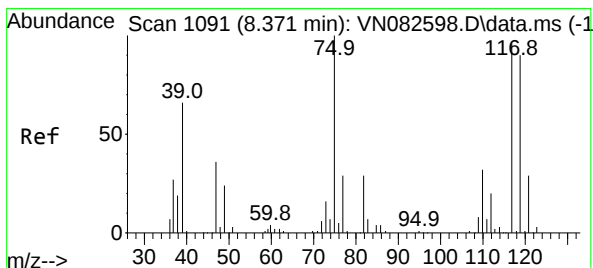
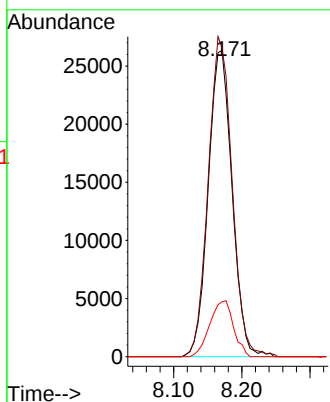
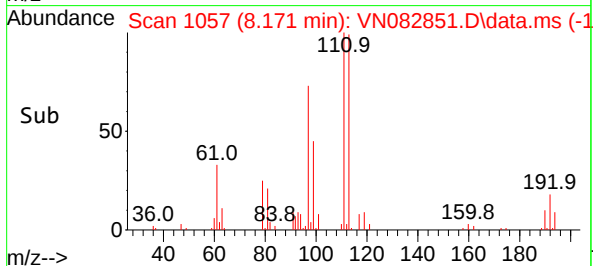
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



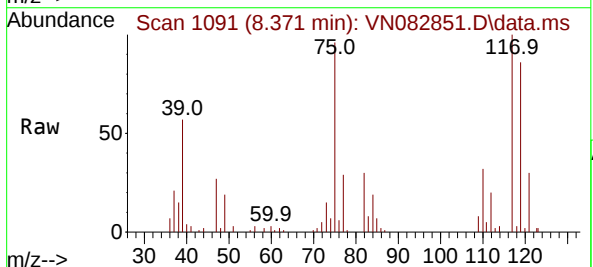
Tgt Ion: 113 Resp: 6409
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 18.2 14.9 22.3

Manual Integrations
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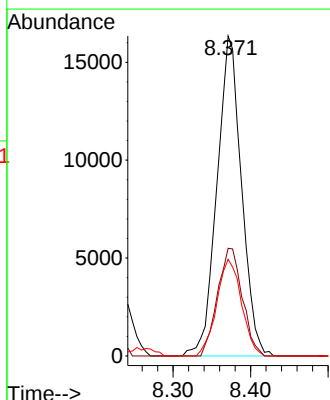
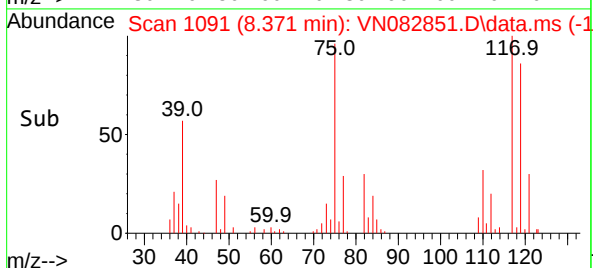
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#36
1,1-Dichloropropene
Concen: 18.846 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



Tgt Ion: 75 Resp: 35935
Ion Ratio Lower Upper
75 100
110 34.0 16.3 48.9
77 30.5 24.6 37.0





#37

Ethyl Acetate

Concen: 20.336 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082851.D

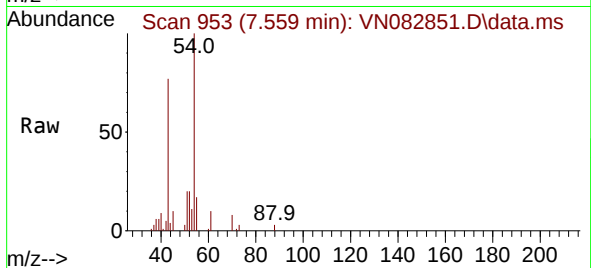
Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01



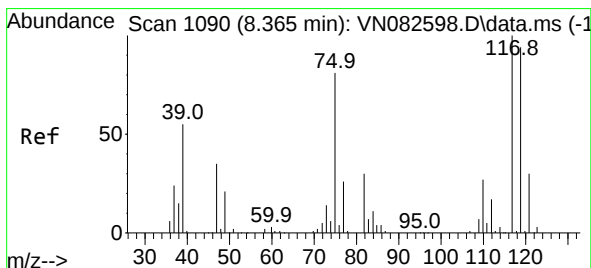
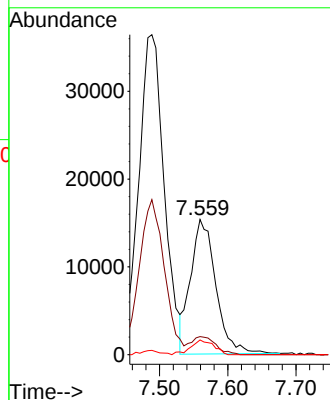
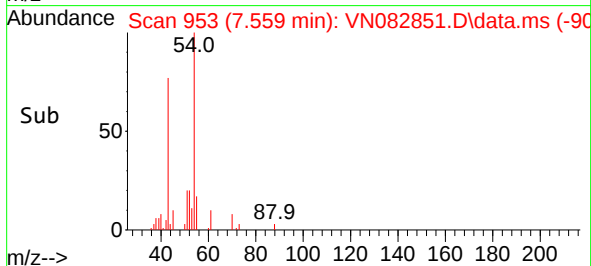
Tgt Ion:	43	Resp:	3947
Ion Ratio	Lower	Upper	
43	100		
61	12.3	9.3	13.9
70	9.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#38

Carbon Tetrachloride

Concen: 19.479 ug/l

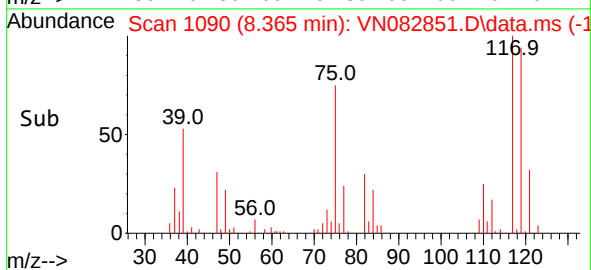
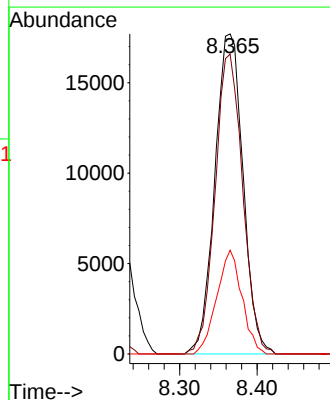
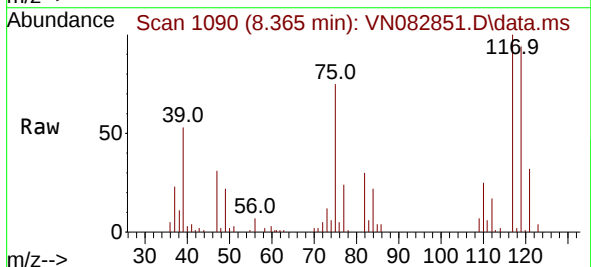
RT: 8.365 min Scan# 1090

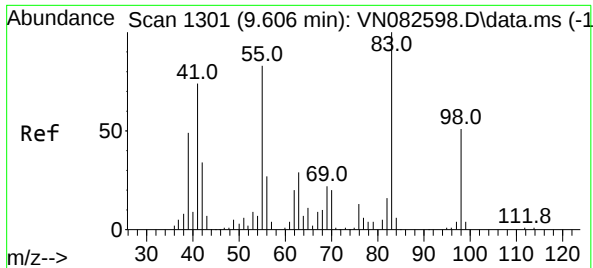
Delta R.T. -0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

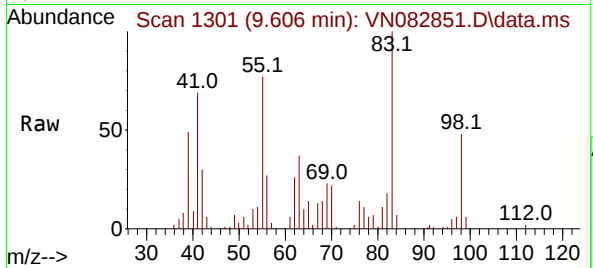
Tgt Ion:	117	Resp:	44719
Ion Ratio	Lower	Upper	
117	100		
119	93.7	74.9	112.3
121	32.4	24.3	36.5





#39
Methylcyclohexane
Concen: 17.067 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

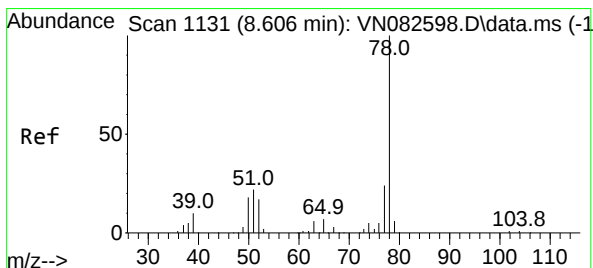
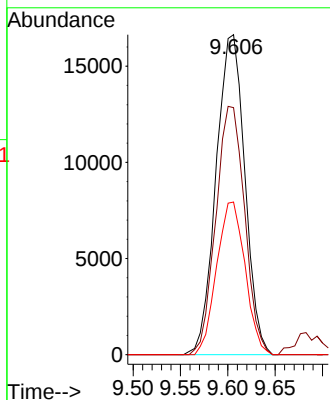
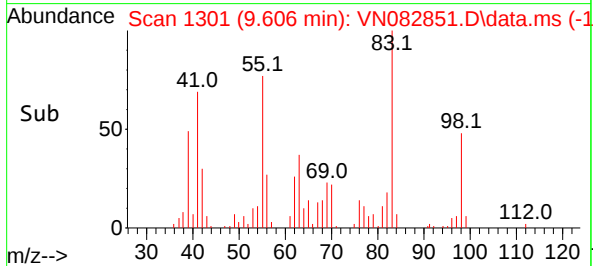
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 83 Resp: 3515
Ion Ratio Lower Upper
83 100
55 77.2 66.4 99.6
98 47.7 40.7 61.1

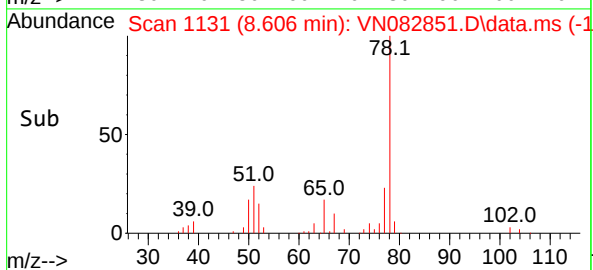
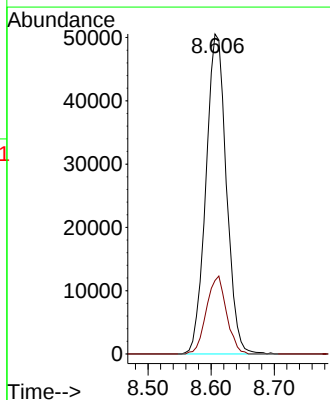
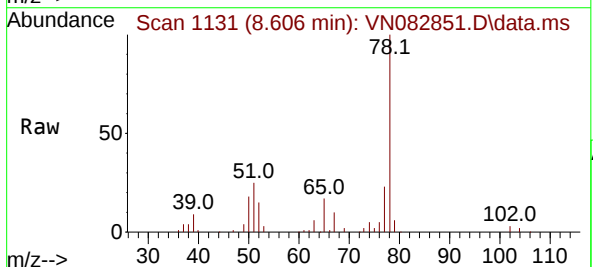
Manual Integrations
APPROVED

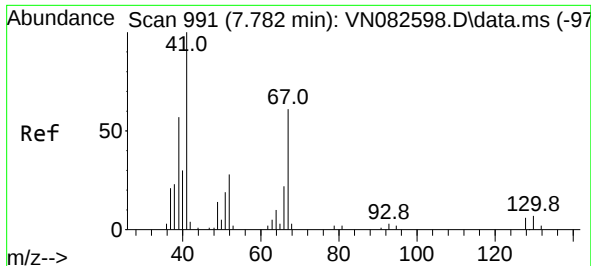
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#40
Benzene
Concen: 19.397 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

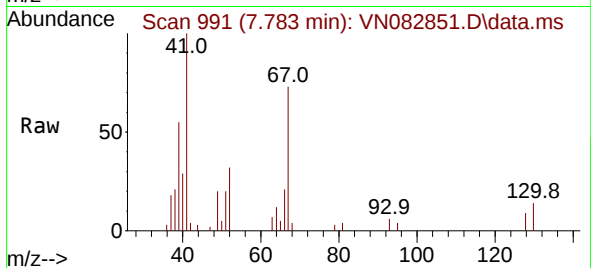
Tgt Ion: 78 Resp: 113771
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4





#41
Methacrylonitrile
Concen: 18.782 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

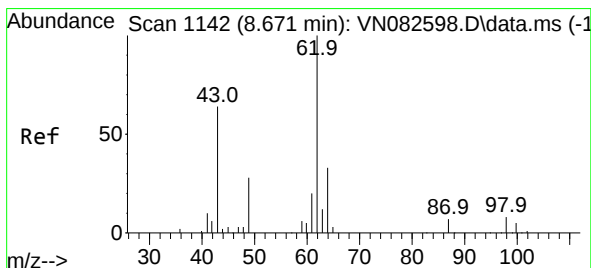
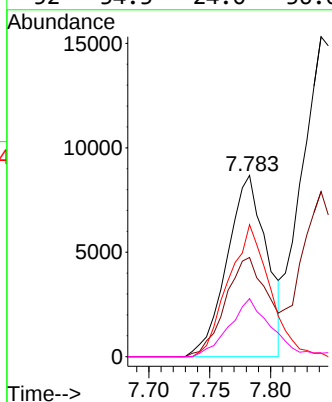
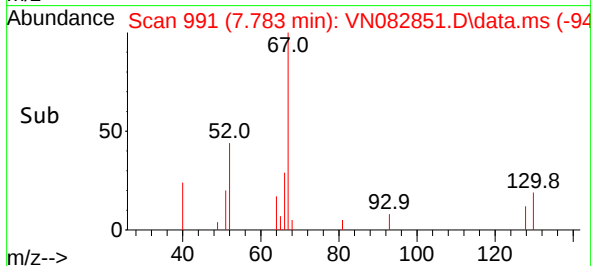
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 41 Resp: 1964
Ion Ratio Lower Upper
41 100
39 58.3 45.5 68.3
67 75.9 50.5 75.7
52 34.3 24.0 36.0

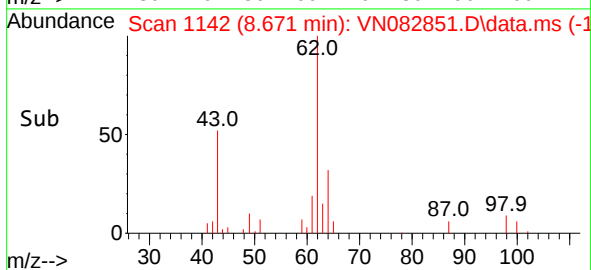
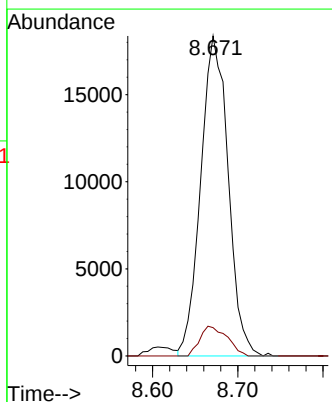
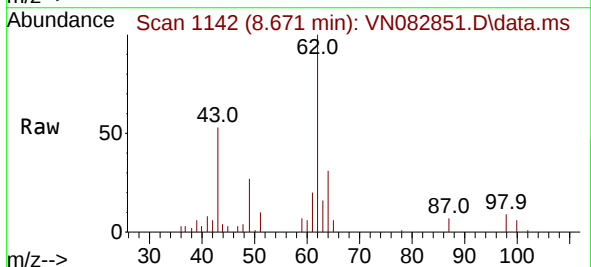
Manual Integrations
APPROVED

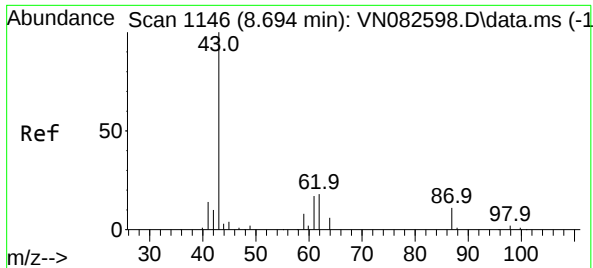
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#42
1,2-Dichloroethane
Concen: 19.462 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

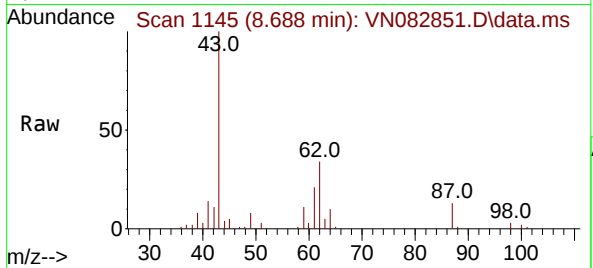
Tgt Ion: 62 Resp: 41094
Ion Ratio Lower Upper
62 100
98 9.2 0.0 15.8





#43
Isopropyl Acetate
Concen: 16.466 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

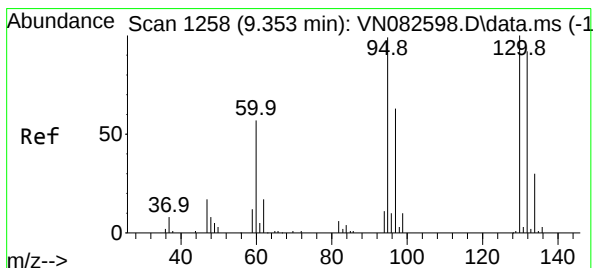
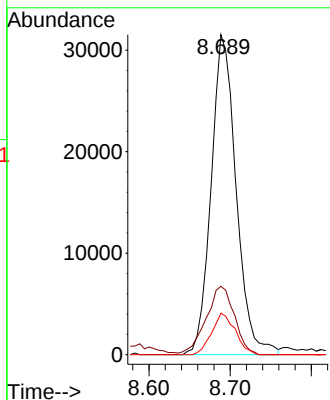
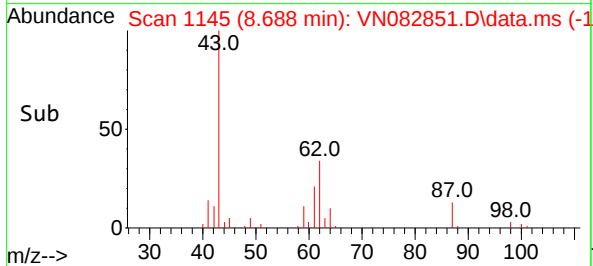
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



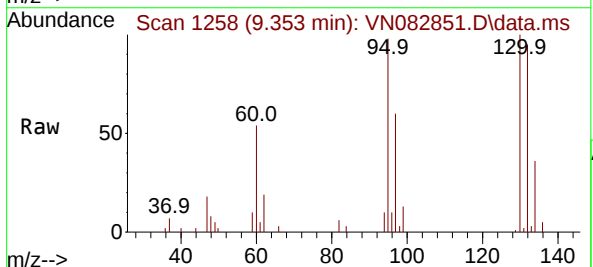
Tgt Ion: 43 Resp: 6755
Ion Ratio Lower Upper
43 100
61 24.1 17.8 26.6
87 12.2 8.2 12.2

Manual Integrations
APPROVED

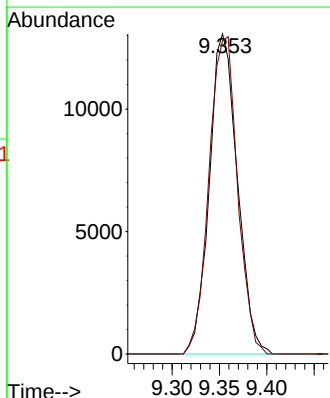
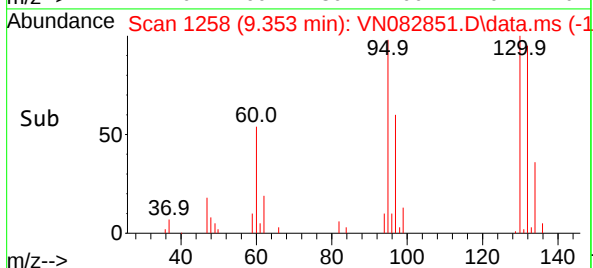
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#44
Trichloroethene
Concen: 17.894 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



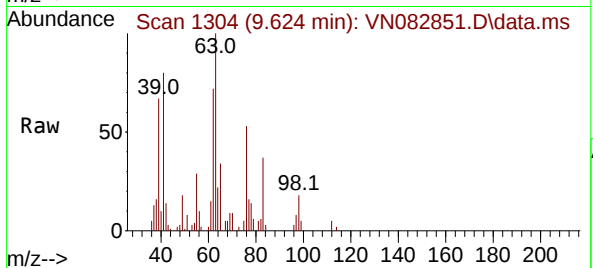
Tgt Ion:130 Resp: 26889
Ion Ratio Lower Upper
130 100
95 97.9 0.0 197.8





#45
1,2-Dichloropropane
Concen: 20.360 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

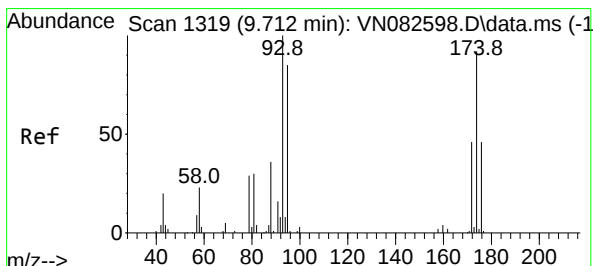
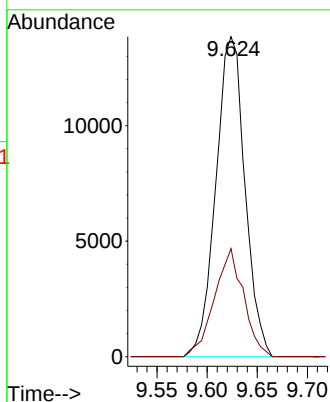
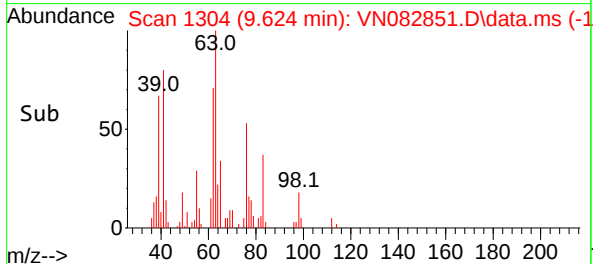
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 63 Resp: 27879
Ion Ratio Lower Upper
63 100
65 33.7 24.4 36.6

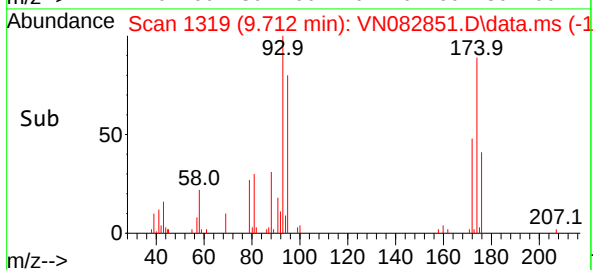
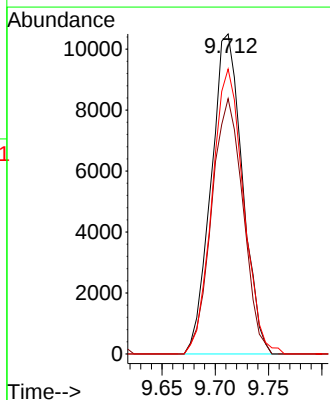
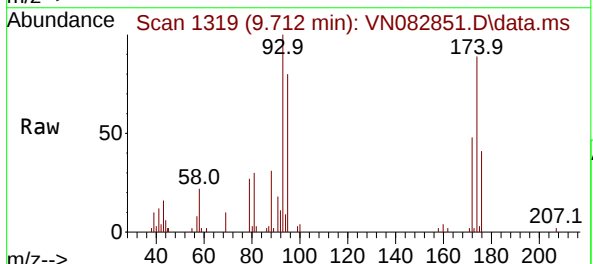
Manual Integrations
APPROVED

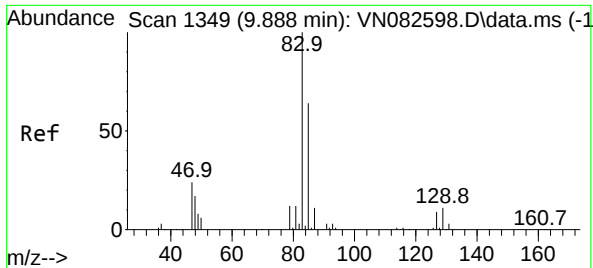
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#46
Dibromomethane
Concen: 20.120 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 93 Resp: 21464
Ion Ratio Lower Upper
93 100
95 80.0 65.8 98.6
174 89.4 71.7 107.5





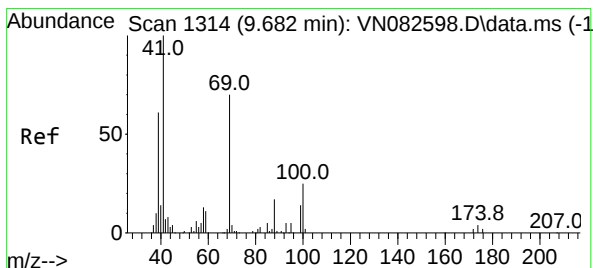
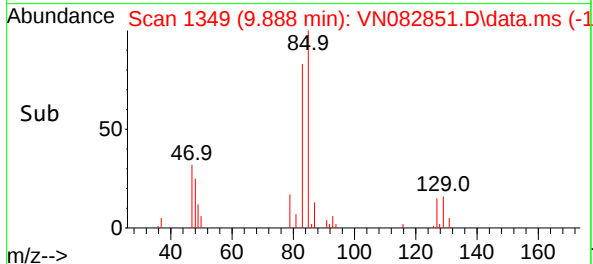
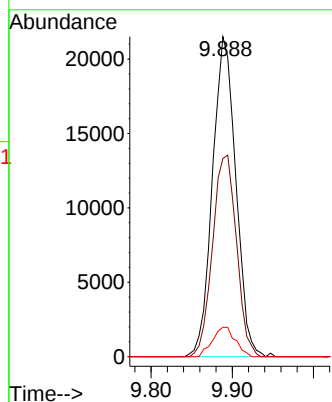
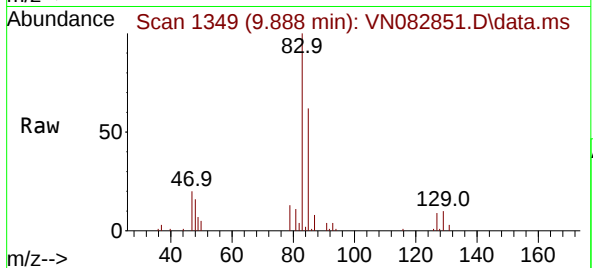
#47
Bromodichloromethane
Concen: 19.513 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion: 83 Resp: 43010
Ion Ratio Lower Upper
83 100
85 62.0 51.1 76.7
127 9.2 7.2 10.8

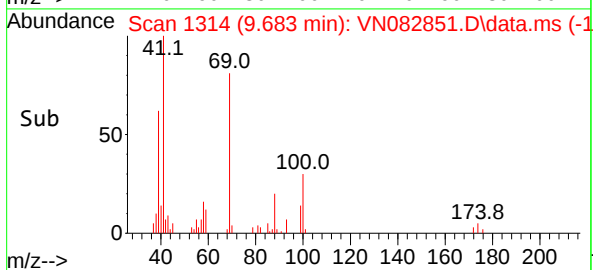
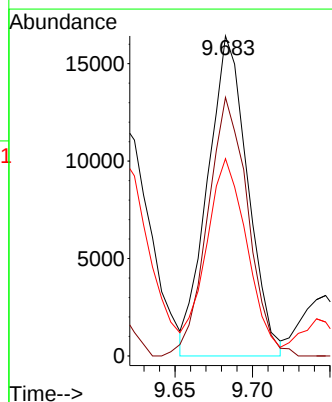
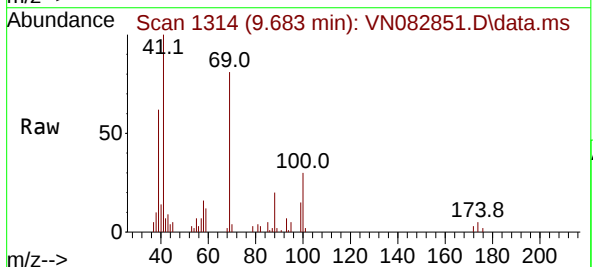
Manual Integrations
APPROVED

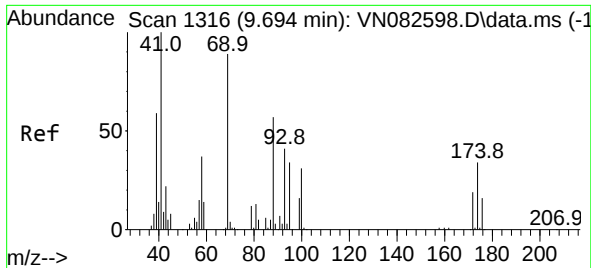
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#48
Methyl methacrylate
Concen: 19.418 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 41 Resp: 29557
Ion Ratio Lower Upper
41 100
69 81.2 56.3 84.5
39 63.3 50.3 75.5





#49

1,4-Dioxane

Concen: 377.190 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

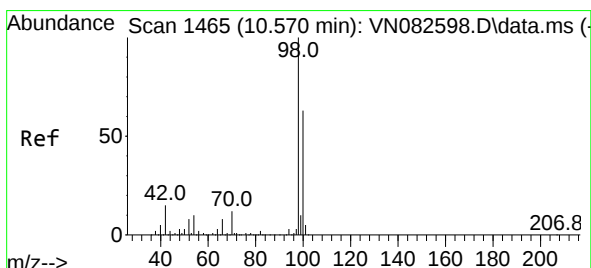
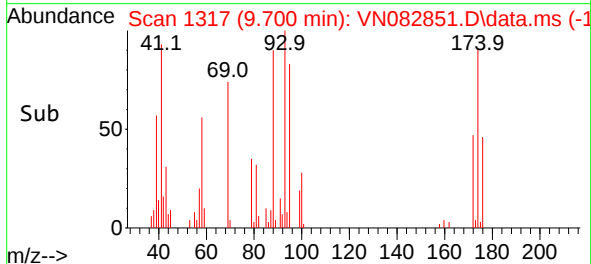
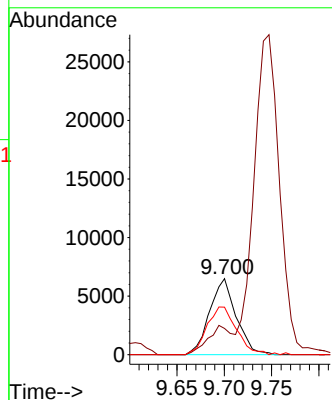
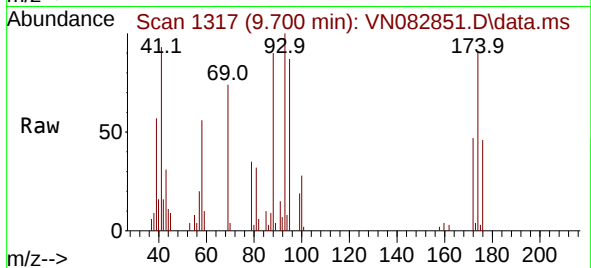
Tgt Ion:	88	Resp:	12664
Ion	Ratio	Lower	Upper
88	100		
43	35.9	27.8	41.8
58	70.8	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#50

Toluene-d8

Concen: 47.115 ug/l

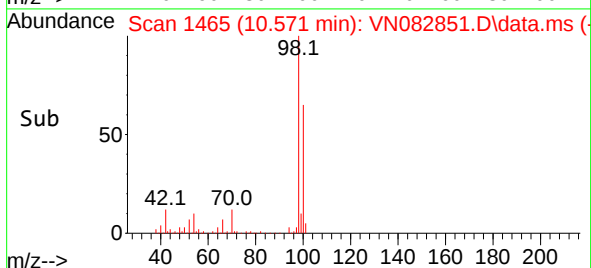
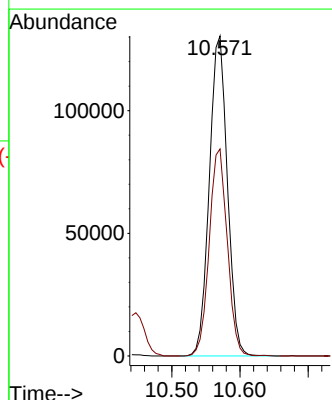
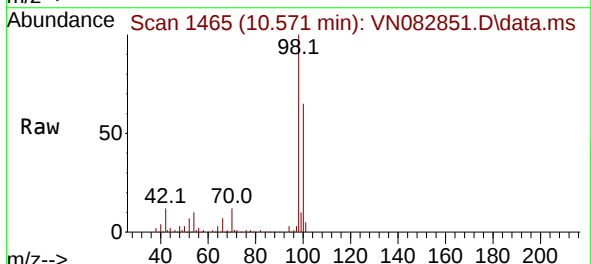
RT: 10.571 min Scan# 1465

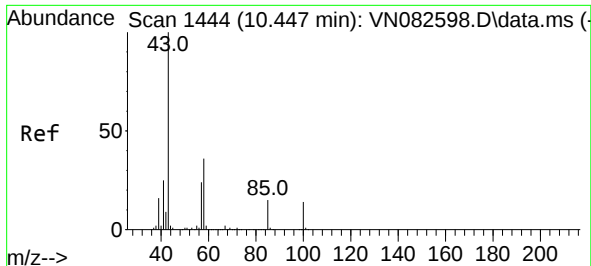
Delta R.T. 0.001 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

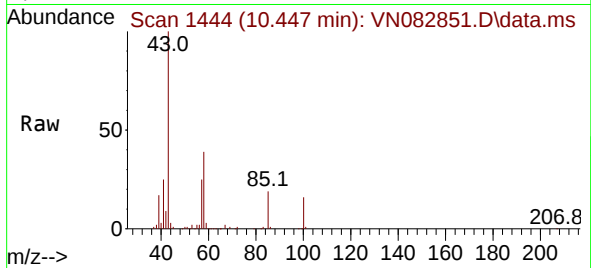
Tgt Ion:	98	Resp:	240663
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 104.901 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

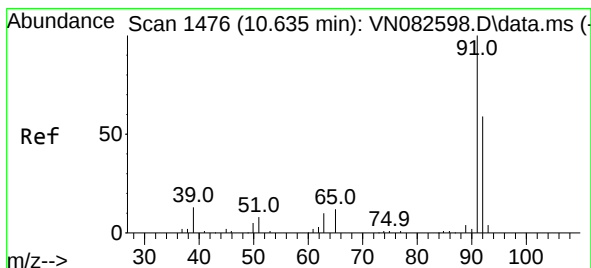
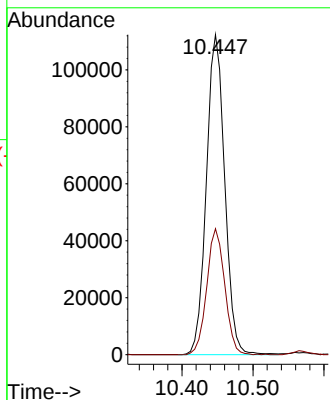
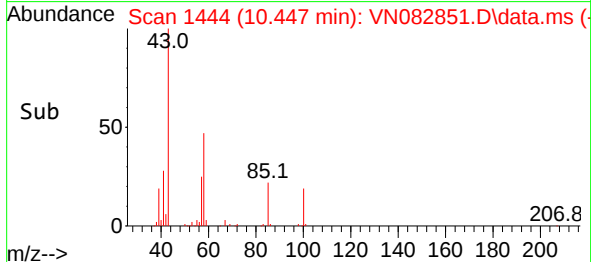
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 43 Resp: 20188
Ion Ratio Lower Upper
43 100
58 38.6 28.2 42.4

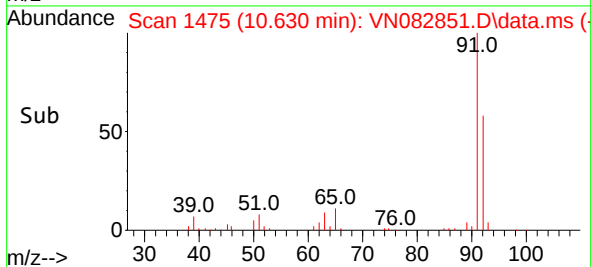
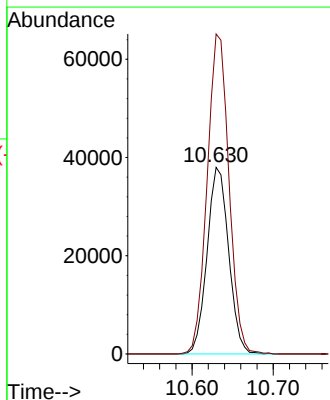
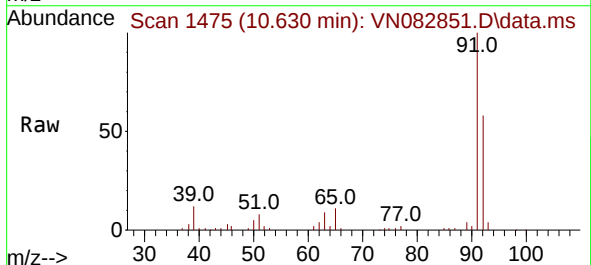
Manual Integrations
APPROVED

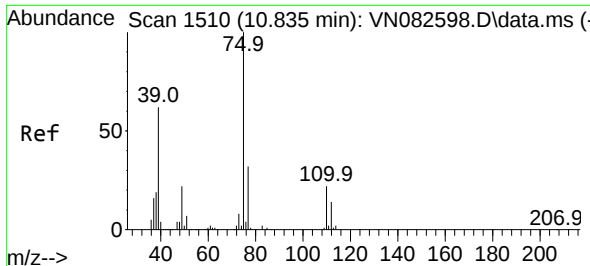
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#52
Toluene
Concen: 19.152 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

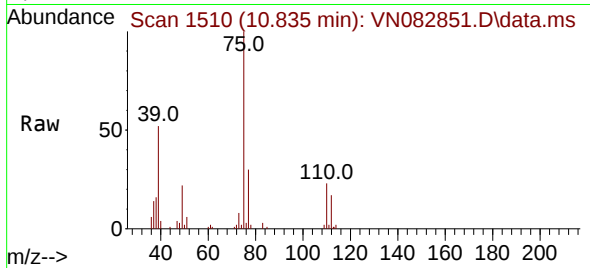
Tgt Ion: 92 Resp: 70169
Ion Ratio Lower Upper
92 100
91 173.1 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 18.557 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

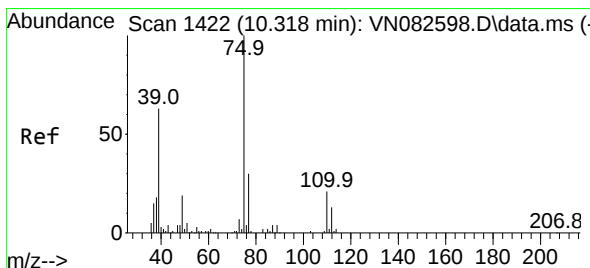
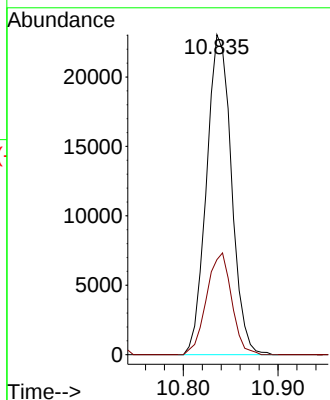
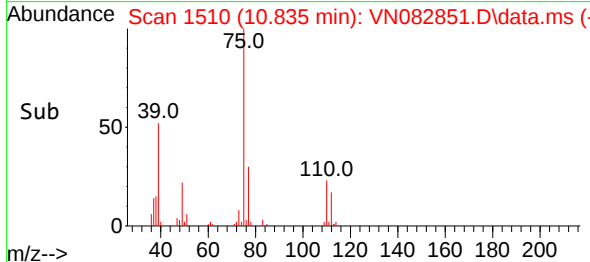
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



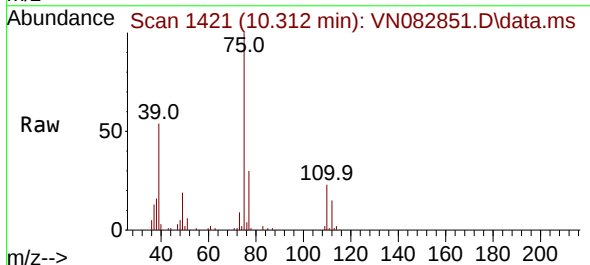
Tgt Ion: 75 Resp: 4213
Ion Ratio Lower Upper
75 100
77 29.7 25.7 38.5

Manual Integrations
APPROVED

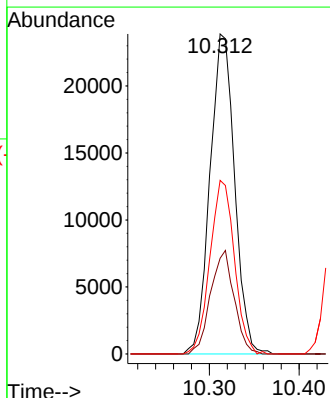
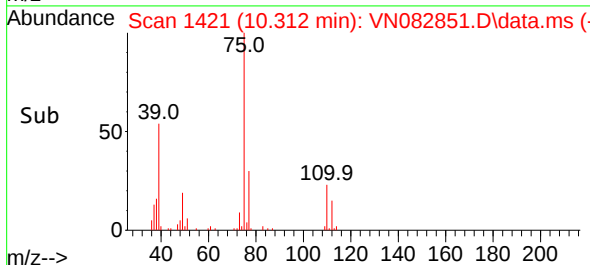
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

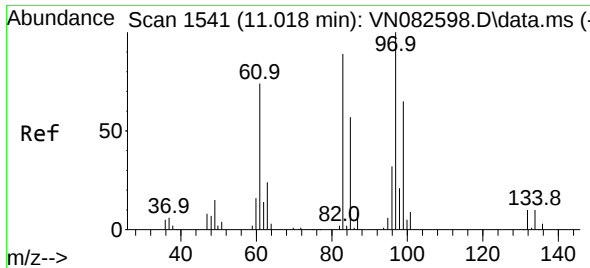


#54
cis-1,3-Dichloropropene
Concen: 18.894 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



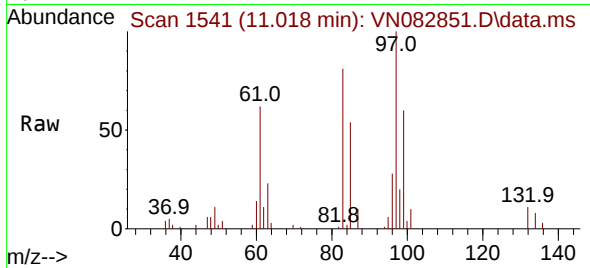
Tgt Ion: 75 Resp: 45413
Ion Ratio Lower Upper
75 100
77 29.9 24.3 36.5
39 54.2 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 20.345 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

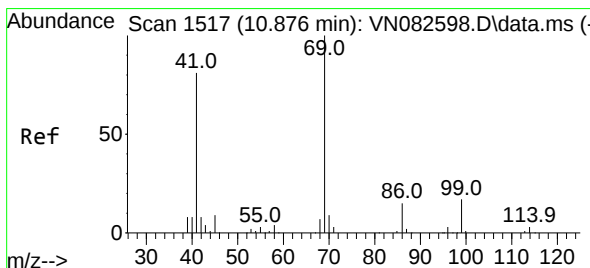
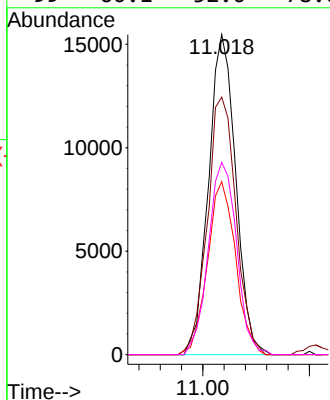
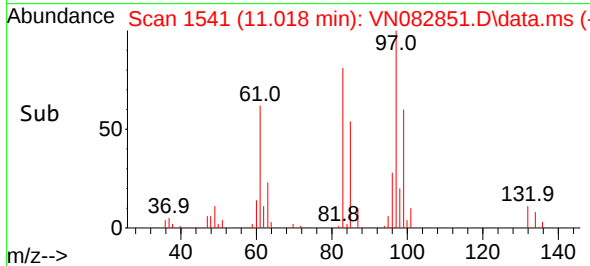
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



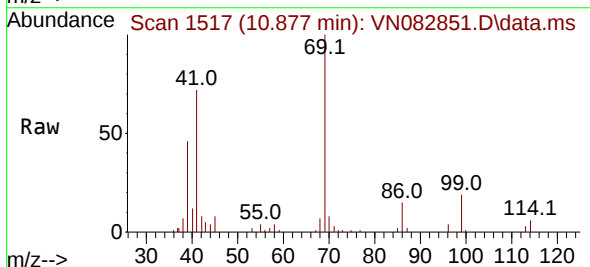
Tgt Ion: 97 Resp: 27410
Ion Ratio Lower Upper
97 100
83 80.5 71.4 107.0
85 54.0 45.8 68.6
99 60.1 52.0 78.0

Manual Integrations
APPROVED

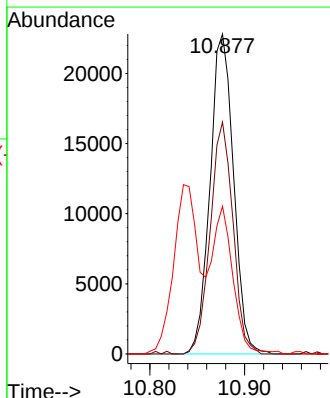
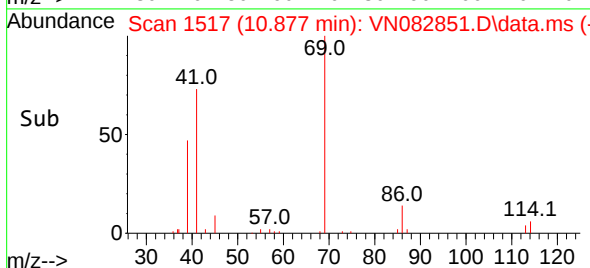
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

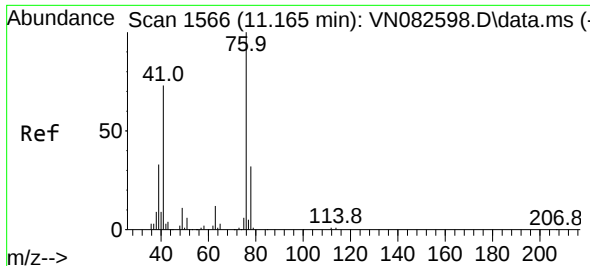


#56
Ethyl methacrylate
Concen: 18.807 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



Tgt Ion: 69 Resp: 39422
Ion Ratio Lower Upper
69 100
41 70.1 63.4 95.2
39 40.2 37.4 56.0





#57

1,3-Dichloropropane

Concen: 19.722 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tgt Ion: 76 Resp: 47034

Ion Ratio Lower Upper

76 100

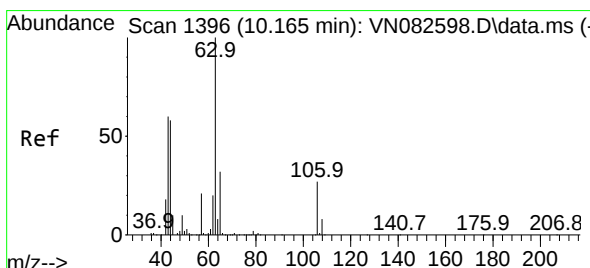
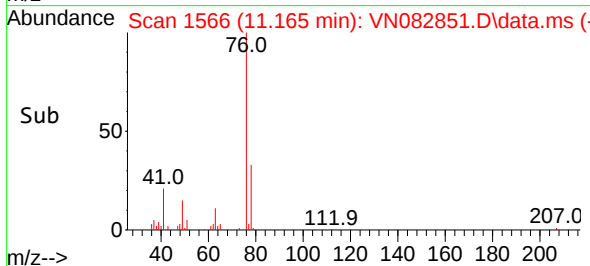
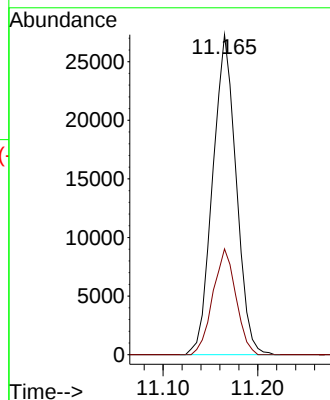
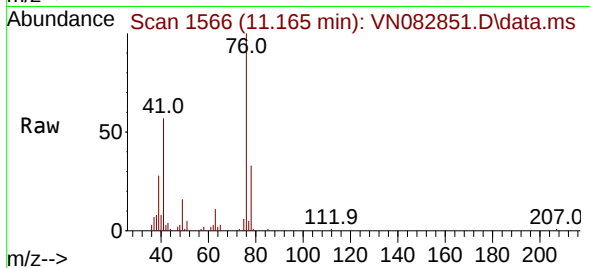
78 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#58

2-Chloroethyl Vinyl ether

Concen: 108.376 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN082851.D

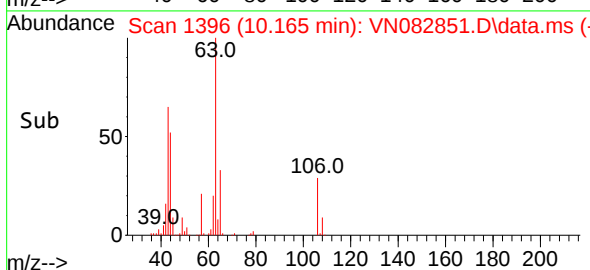
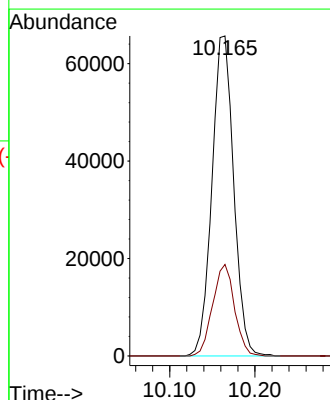
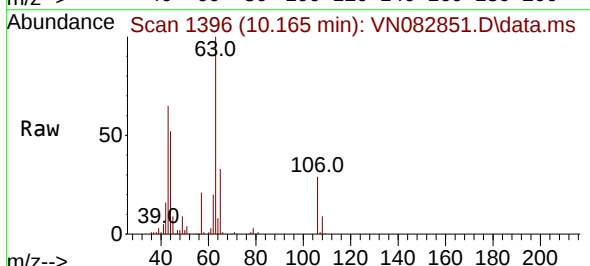
Acq: 10 Jul 2024 13:26

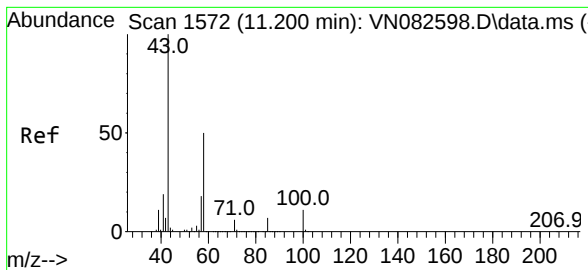
Tgt Ion: 63 Resp: 116565

Ion Ratio Lower Upper

63 100

106 28.6 21.4 32.0





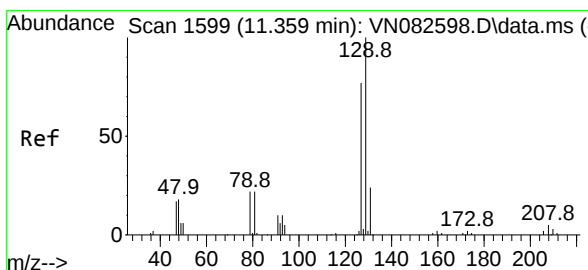
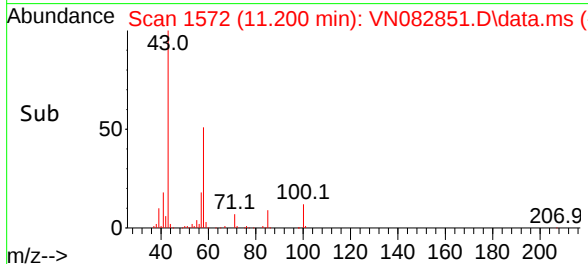
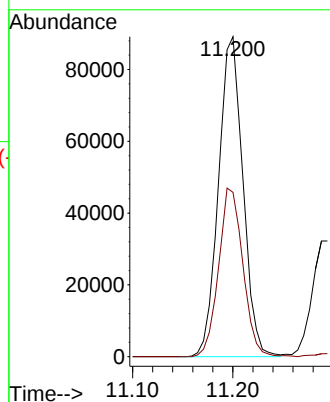
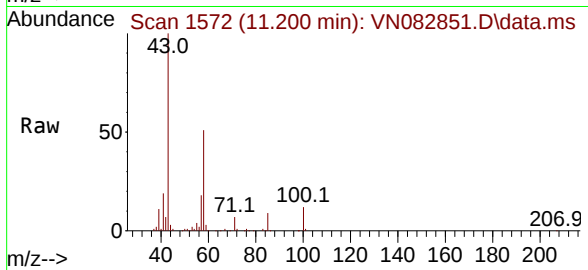
#59
2-Hexanone
Concen: 105.134 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion: 43 Resp: 15043
Ion Ratio Lower Upper
43 100
58 52.4 24.6 73.8

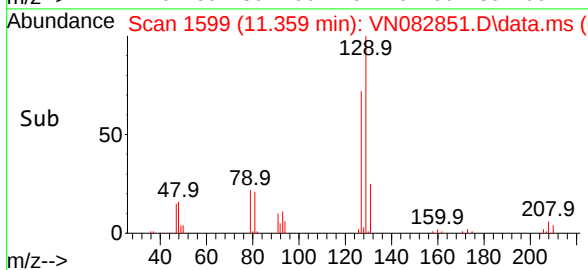
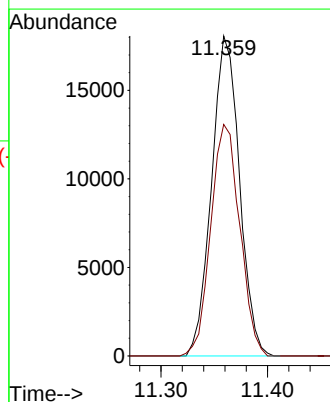
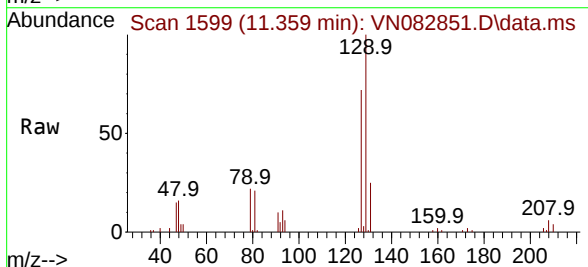
Manual Integrations
APPROVED

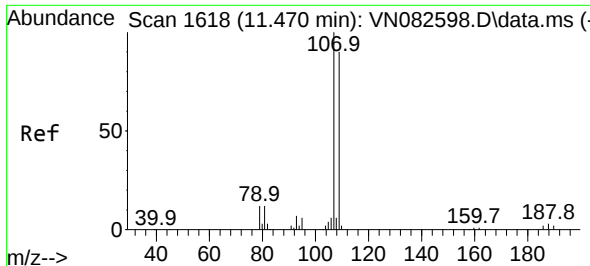
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#60
Dibromochloromethane
Concen: 19.173 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion:129 Resp: 32900
Ion Ratio Lower Upper
129 100
127 75.1 39.2 117.6





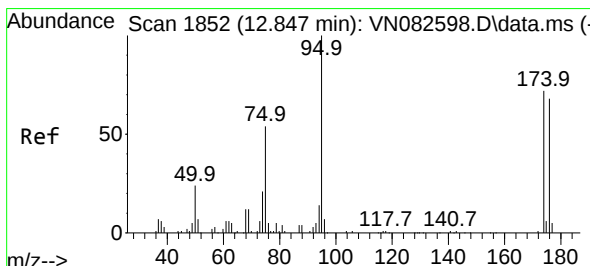
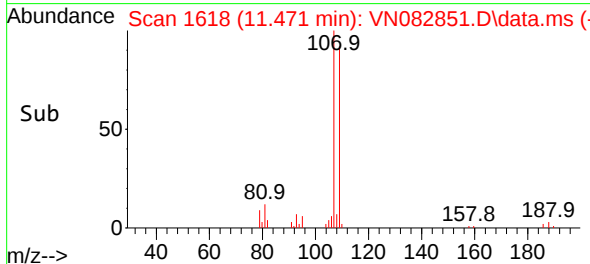
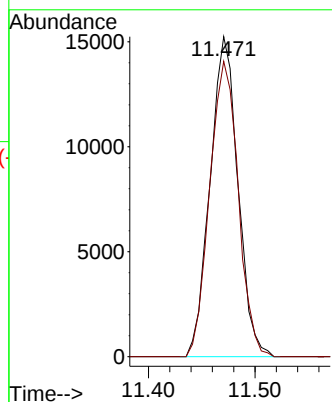
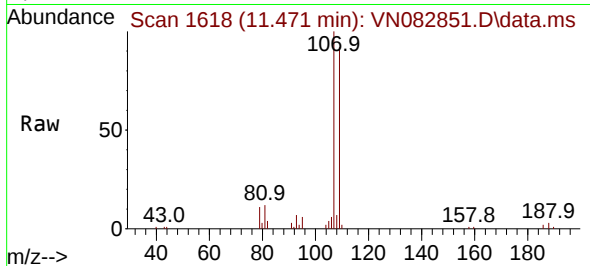
#61
1,2-Dibromoethane
Concen: 19.302 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion:107 Resp: 2761
Ion Ratio Lower Upper
107 100
109 94.7 73.7 110.5

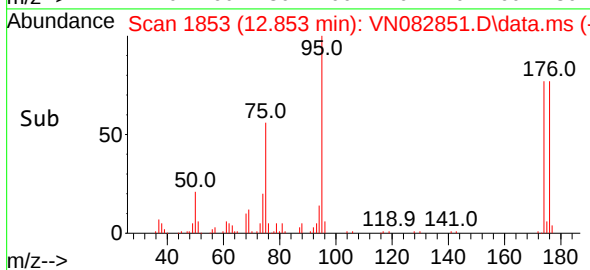
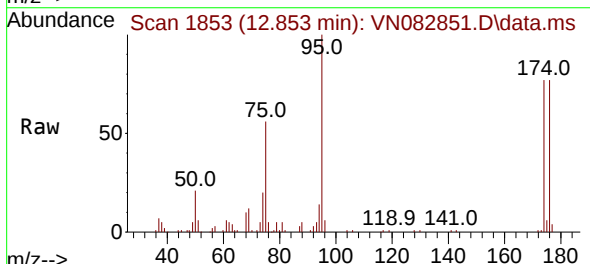
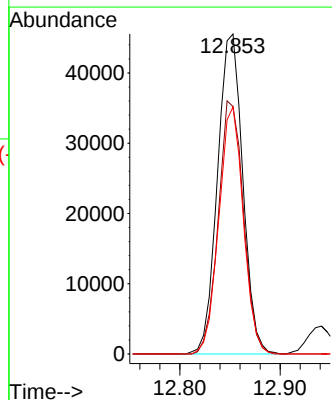
Manual Integrations
APPROVED

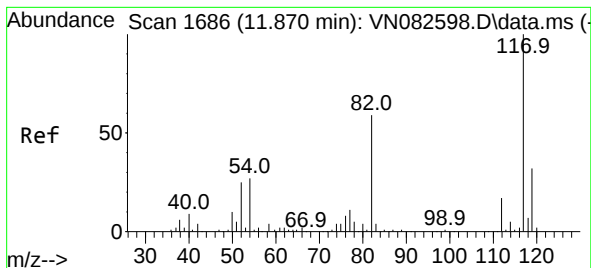
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#62
4-Bromofluorobenzene
Concen: 43.401 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 95 Resp: 79635
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 74.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tgt Ion:117 Resp: 199230

Ion Ratio Lower Upper

117 100

82 56.4 47.5 71.3

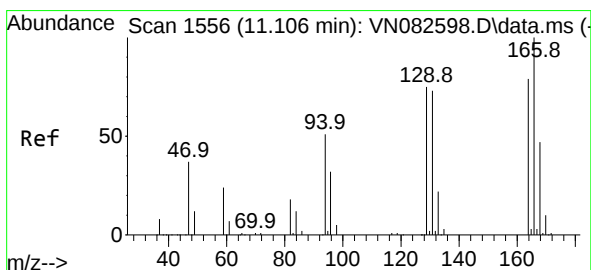
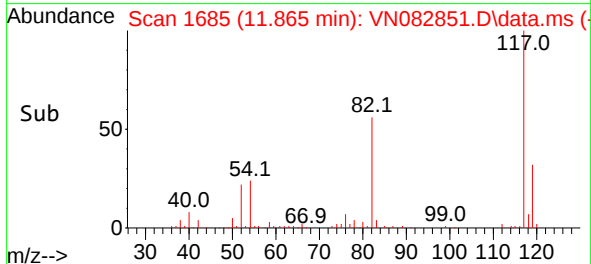
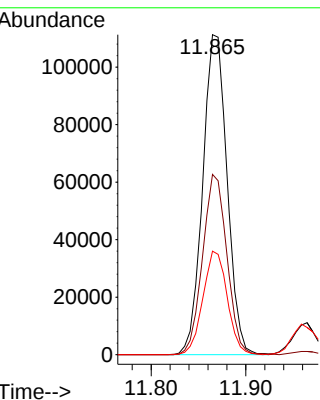
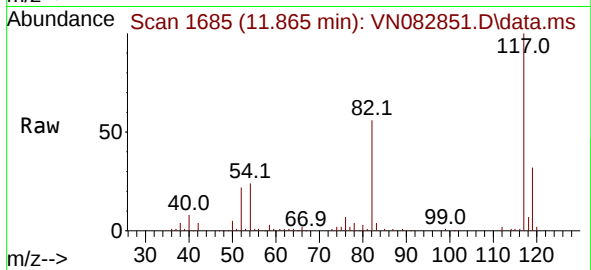
119 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#64

Tetrachloroethene

Concen: 17.761 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Tgt Ion:164 Resp: 26401

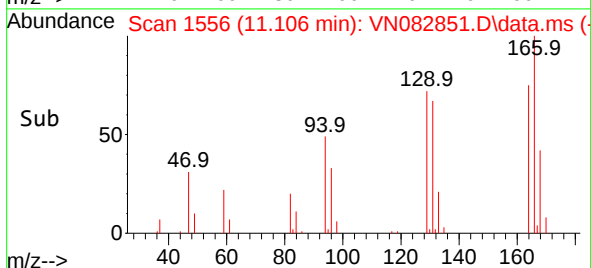
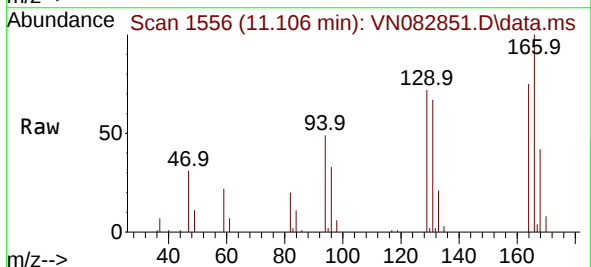
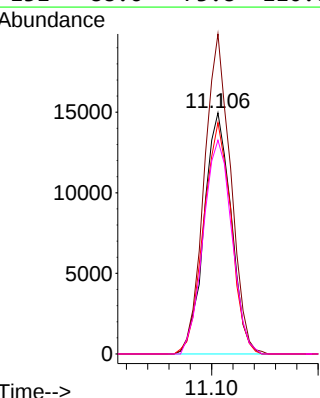
Ion Ratio Lower Upper

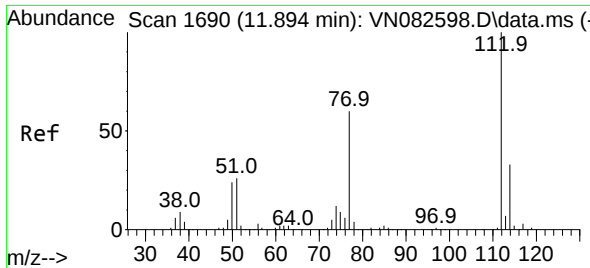
164 100

166 132.7 101.4 152.0

129 96.0 75.7 113.5

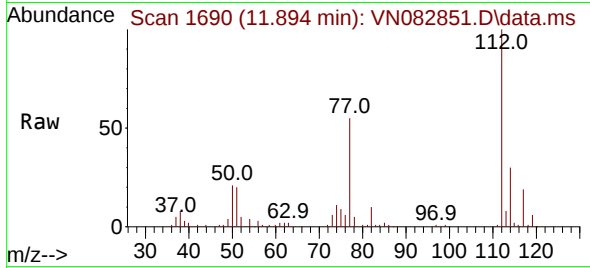
131 88.6 73.8 110.6





#65
Chlorobenzene
Concen: 18.030 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

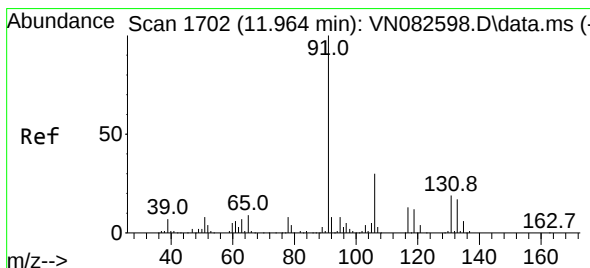
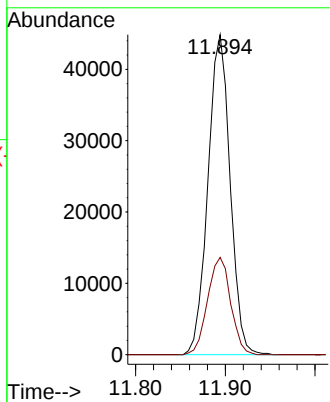
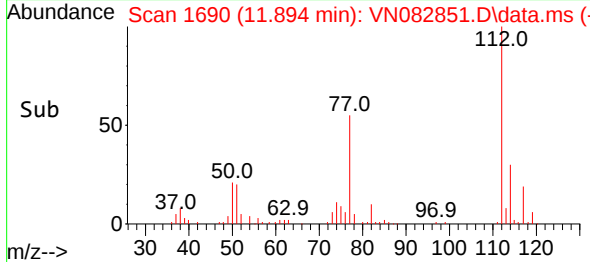
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



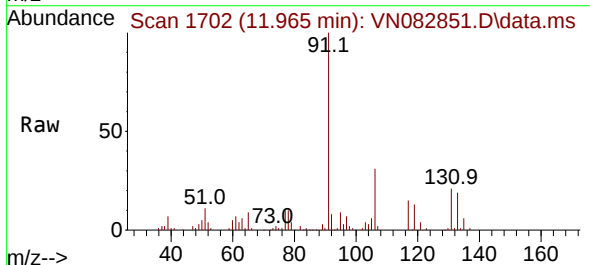
Tgt Ion:112 Resp: 76970
Ion Ratio Lower Upper
112 100
114 30.4 26.2 39.2

Manual Integrations
APPROVED

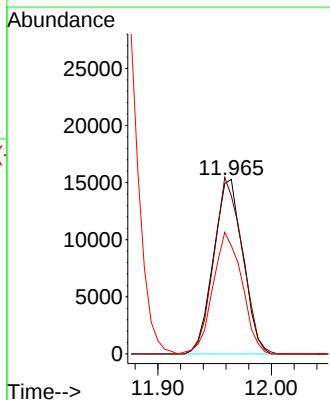
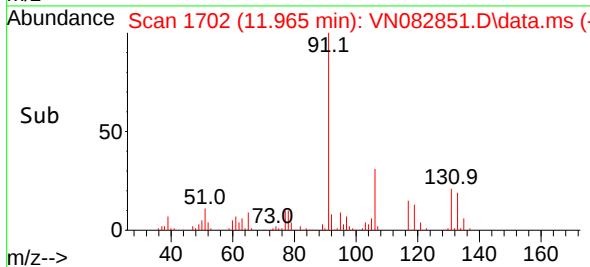
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.191 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



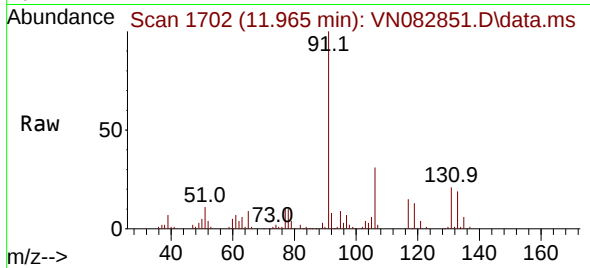
Tgt Ion:131 Resp: 27625
Ion Ratio Lower Upper
131 100
133 98.2 47.3 142.0
119 68.4 32.5 97.4





#67
Ethyl Benzene
Concen: 17.316 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

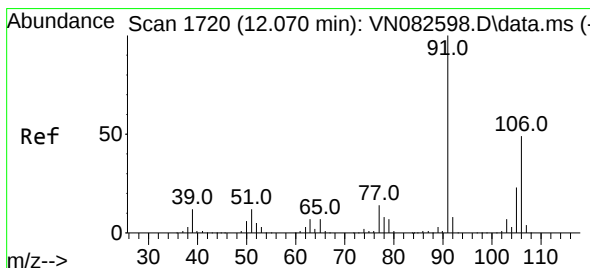
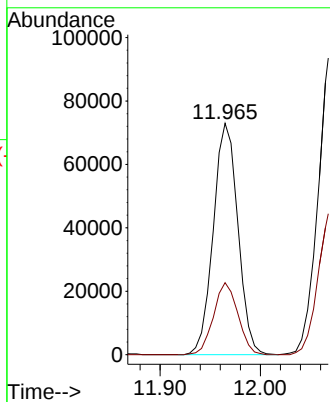
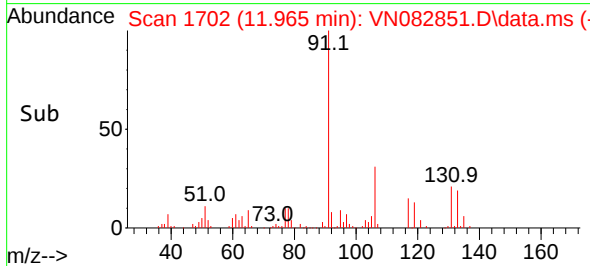
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



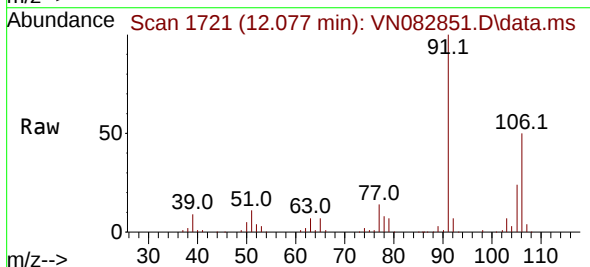
Tgt Ion: 91 Resp: 12424
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0

Manual Integrations
APPROVED

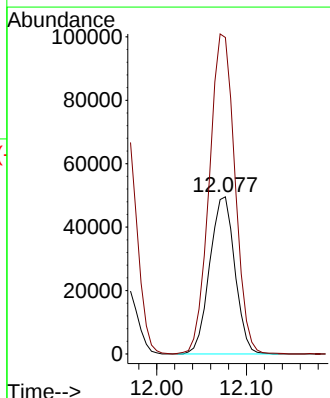
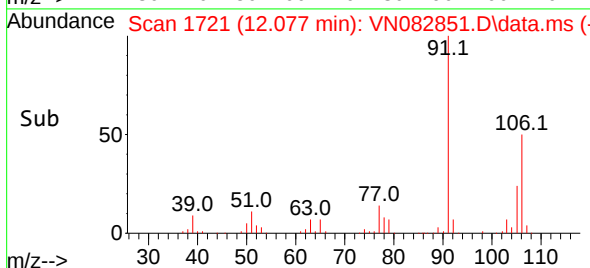
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

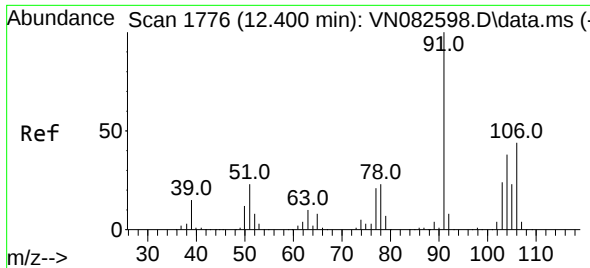


#68
m/p-Xylenes
Concen: 35.533 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.007 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



Tgt Ion:106 Resp: 96258
Ion Ratio Lower Upper
106 100
91 208.0 166.1 249.1





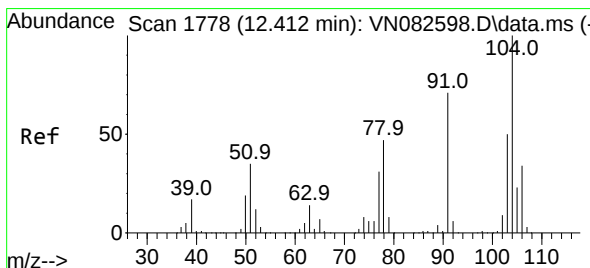
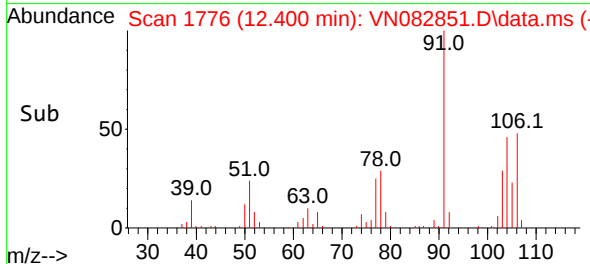
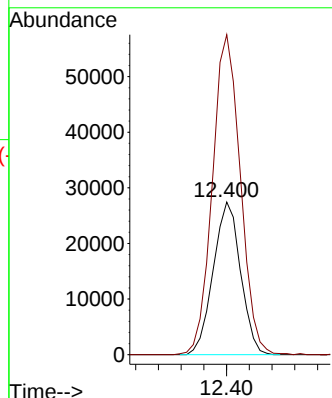
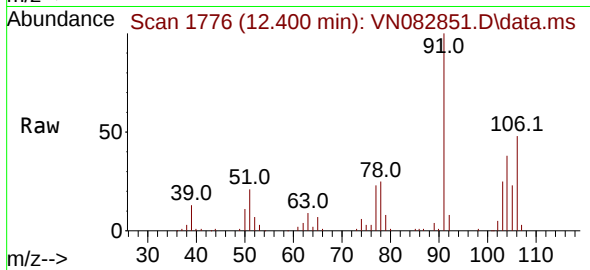
#69
o-Xylene
Concen: 17.646 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion:106 Resp: 4580
Ion Ratio Lower Upper
106 100
91 214.8 111.3 333.9

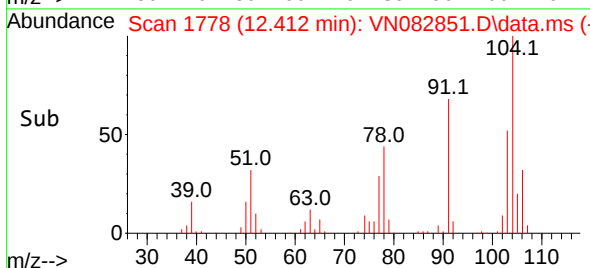
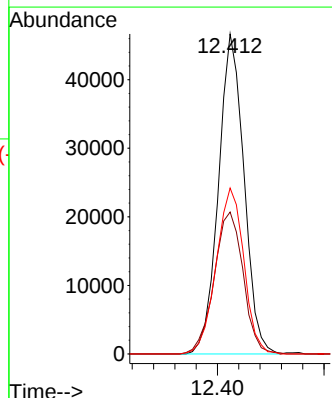
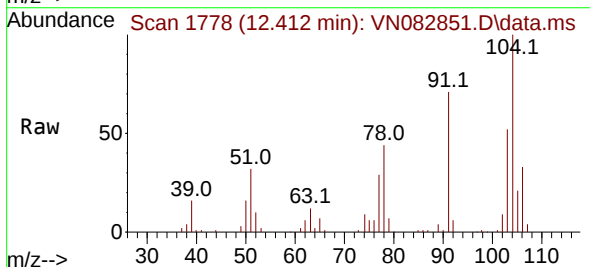
Manual Integrations
APPROVED

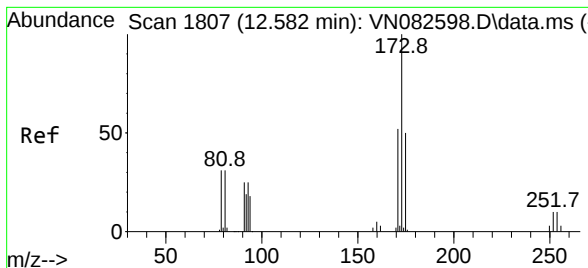
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#70
Styrene
Concen: 18.061 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion:104 Resp: 77463
Ion Ratio Lower Upper
104 100
78 50.4 41.6 62.4
103 56.2 44.0 66.0





#71

Bromoform

Concen: 18.368 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

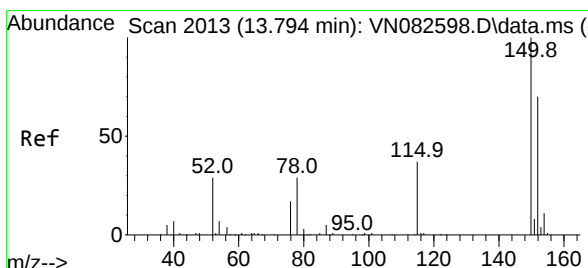
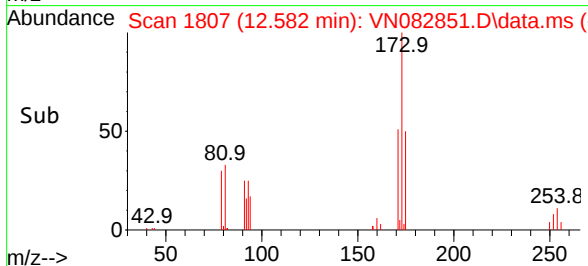
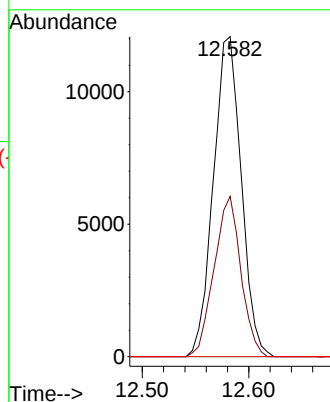
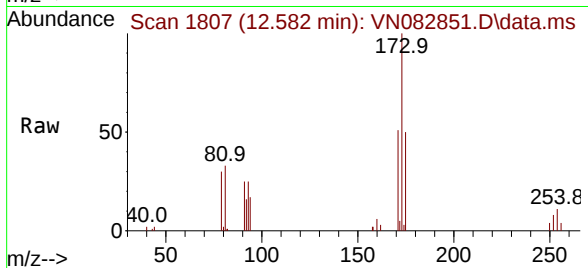
Tgt Ion:	173	Resp:	21930
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

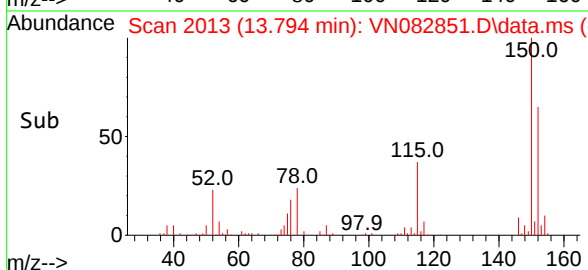
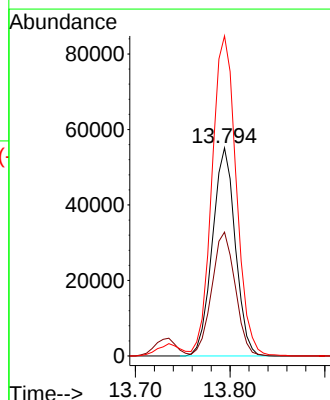
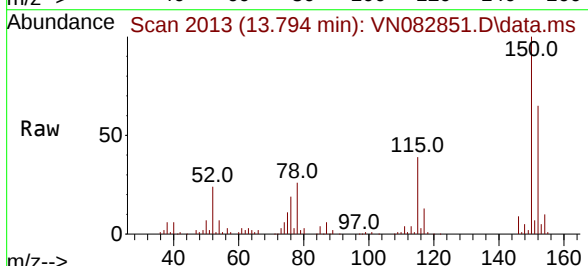
RT: 13.794 min Scan# 2013

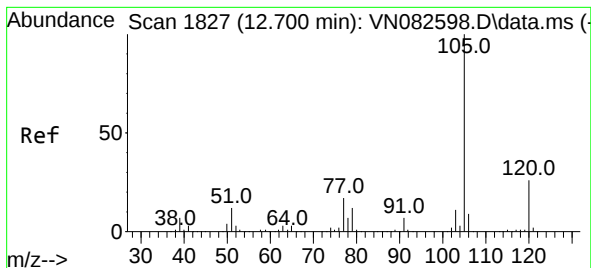
Delta R.T. 0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Tgt Ion:	152	Resp:	92486
Ion Ratio	Lower	Upper	
152	100		
115	61.0	30.6	91.6
150	162.9	0.0	348.6





#73

Isopropylbenzene

Concen: 17.090 ug/l

RT: 12.700 min Scan# 11485

Delta R.T. 0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tgt Ion:105 Resp: 11485

Ion Ratio Lower Upper

105 100

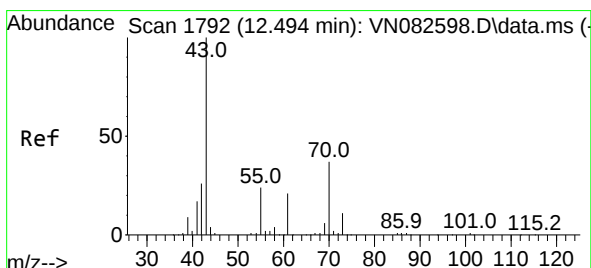
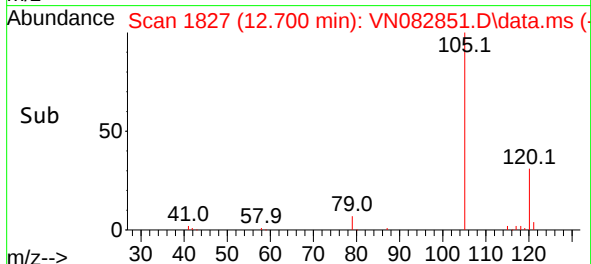
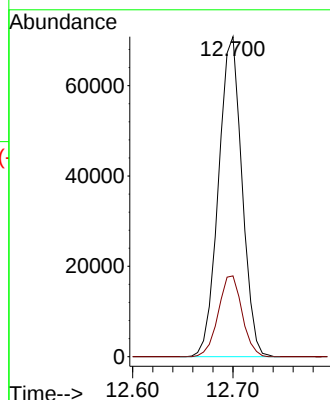
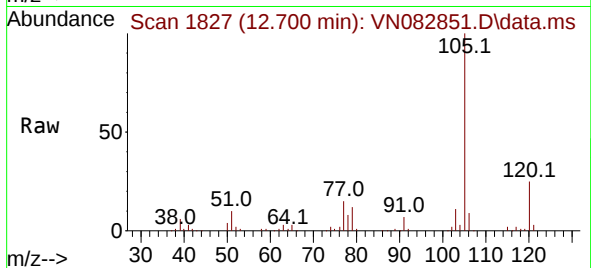
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#74

N-ethyl acetate

Concen: 18.485 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Tgt Ion: 43 Resp: 51384

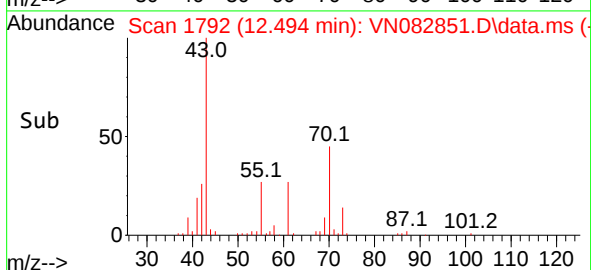
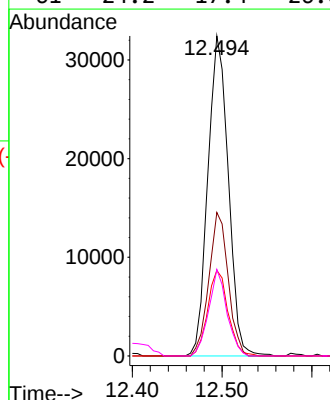
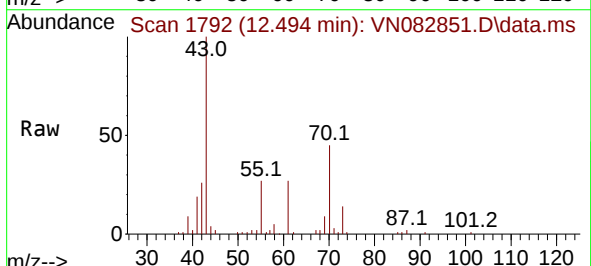
Ion Ratio Lower Upper

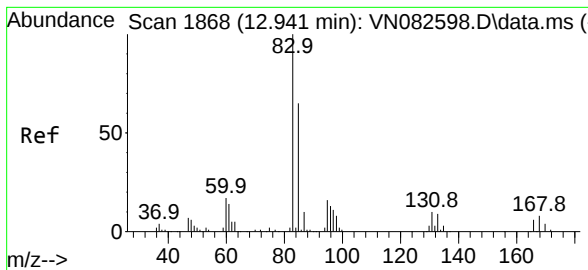
43 100

70 42.3 29.8 44.6

55 26.5 18.7 28.1

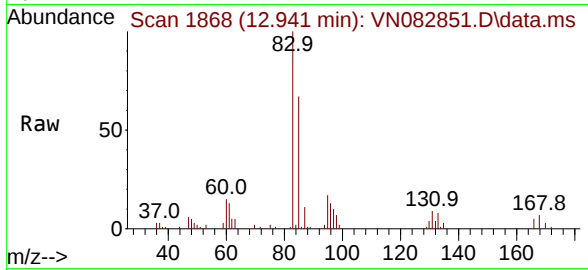
61 24.2 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.387 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

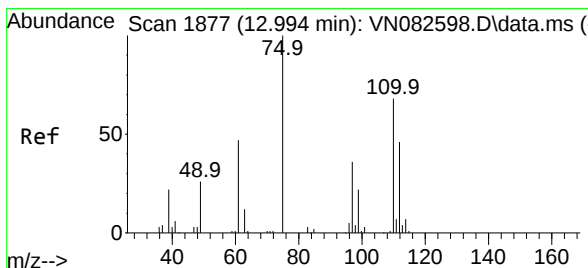
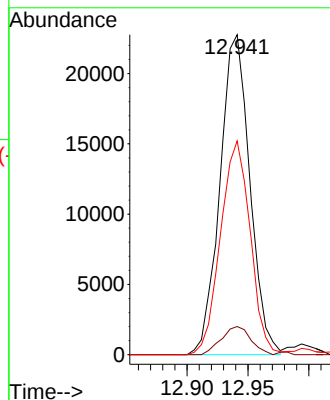
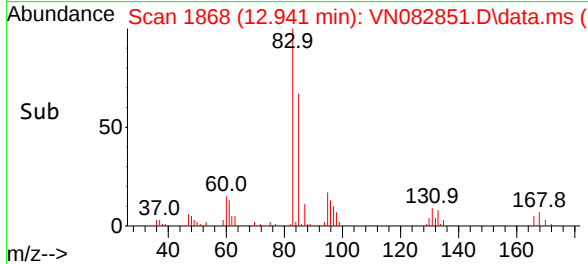
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 83 Resp: 3902
Ion Ratio Lower Upper
83 100
131 8.7 5.0 14.9
85 66.1 31.9 95.7

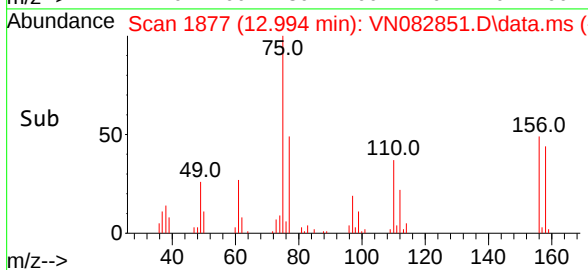
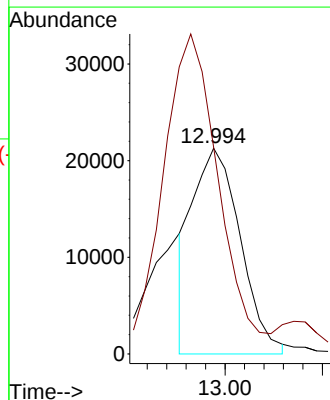
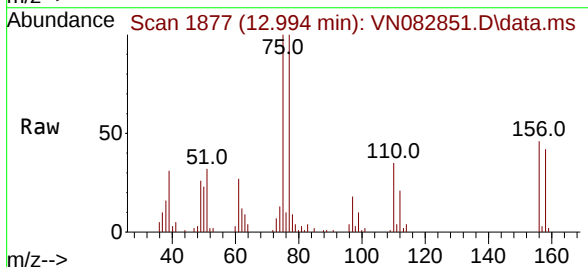
Manual Integrations
APPROVED

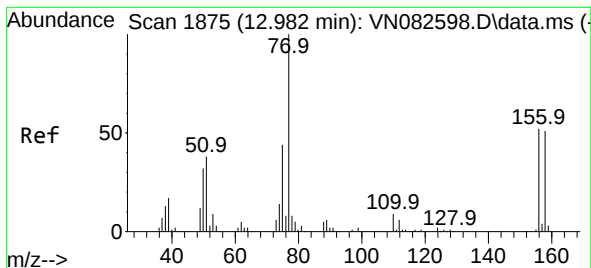
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#76
1,2,3-Trichloropropane
Concen: 22.727 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion: 75 Resp: 36238
Ion Ratio Lower Upper
75 100
77 183.3 110.9 332.6





#77

Bromobenzene

Concen: 17.468 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

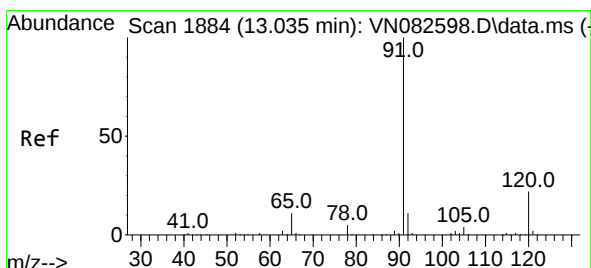
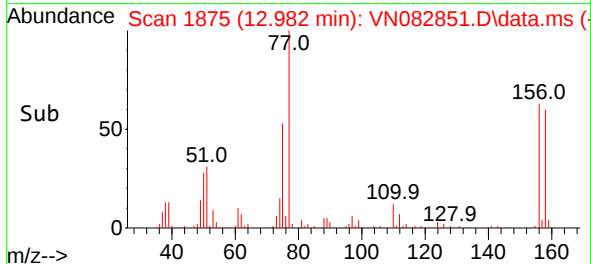
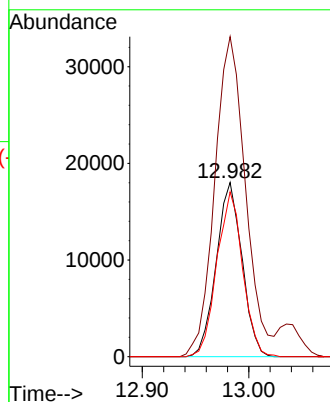
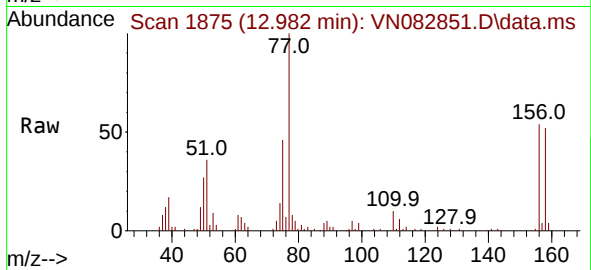
Tgt Ion:156 Resp: 30280
 Ion Ratio Lower Upper
 156 100
 77 219.3 111.3 333.8
 158 94.6 48.3 144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#78

n-propylbenzene

Concen: 17.614 ug/l

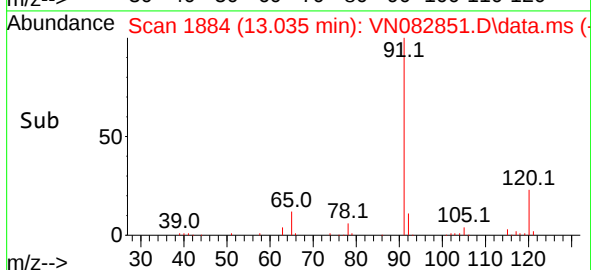
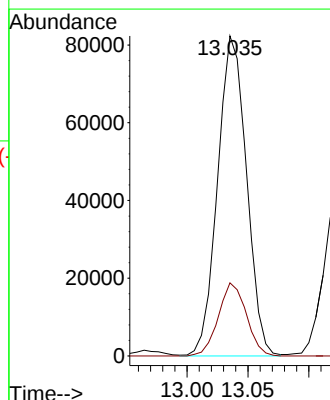
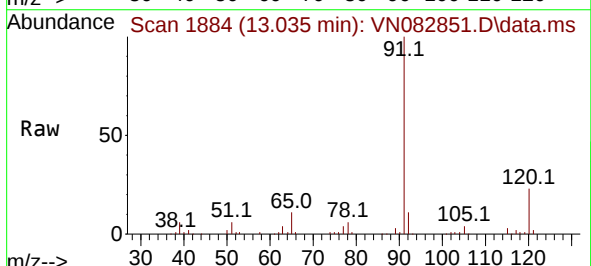
RT: 13.035 min Scan# 1884

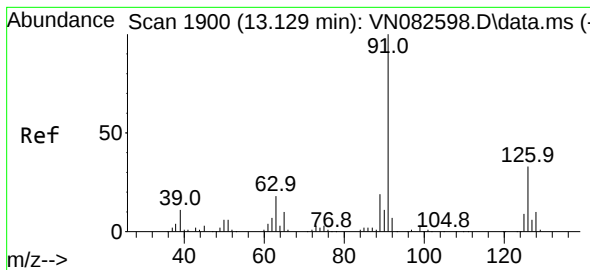
Delta R.T. 0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Tgt Ion: 91 Resp: 136104
 Ion Ratio Lower Upper
 91 100
 120 22.1 10.9 32.9





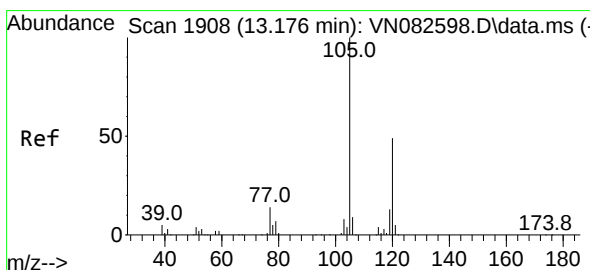
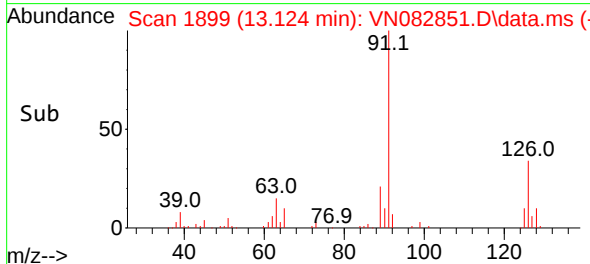
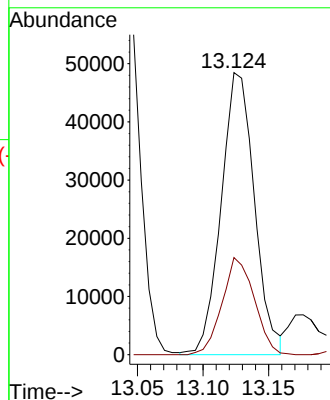
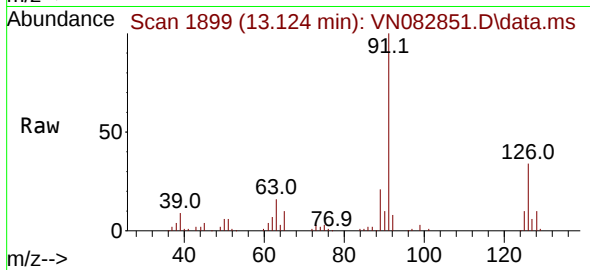
#79
2-Chlorotoluene
Concen: 17.408 ug/l
RT: 13.124 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion: 91 Resp: 8570
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6

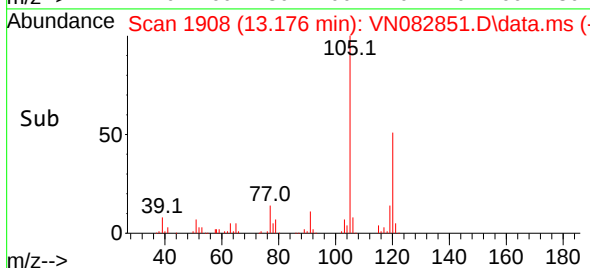
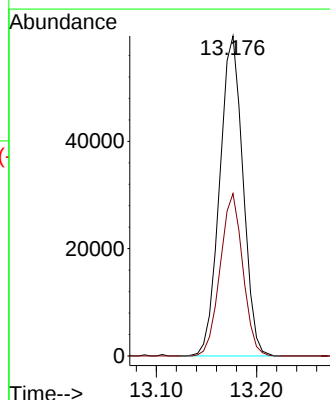
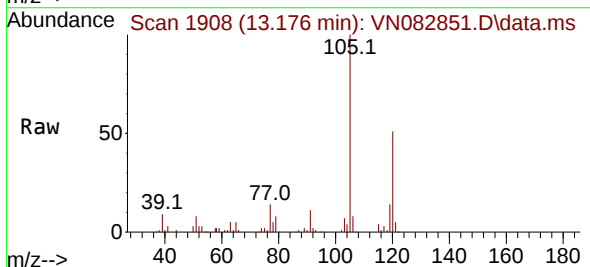
Manual Integrations
APPROVED

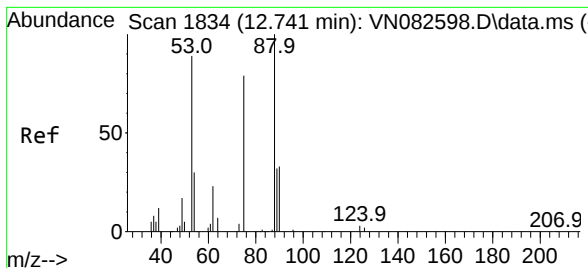
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.696 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

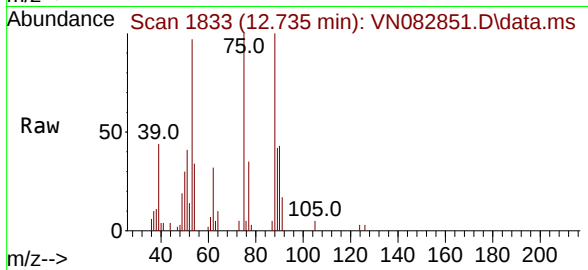
Tgt Ion:105 Resp: 96129
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.276 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

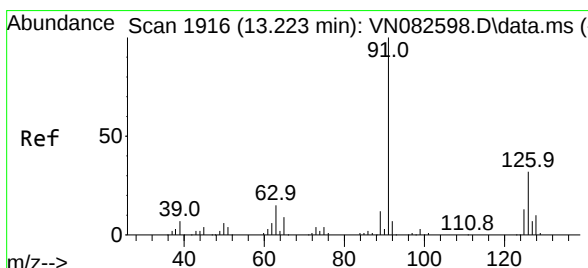
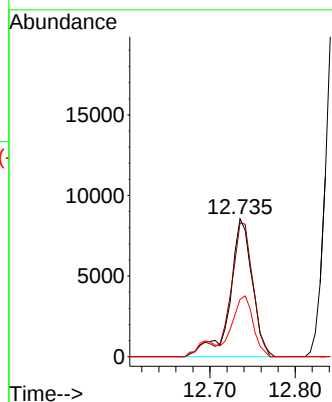
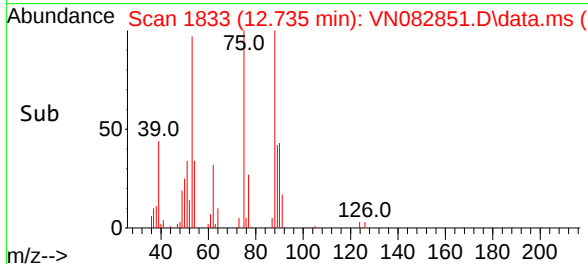
Instrument : MSVOA_N
ClientSampleId : VN0710WBS01



Tgt Ion: 75 Resp: 15628
Ion Ratio Lower Upper
75 100
53 91.8 88.4 132.6
89 40.7 36.3 54.5

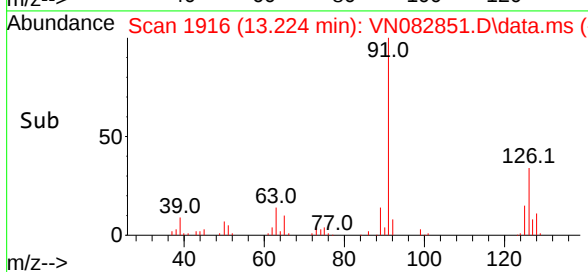
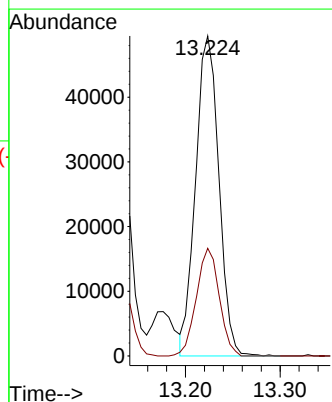
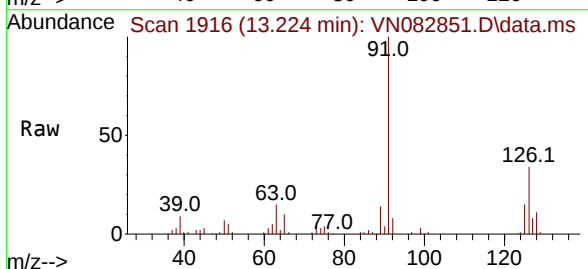
Manual Integrations
APPROVED

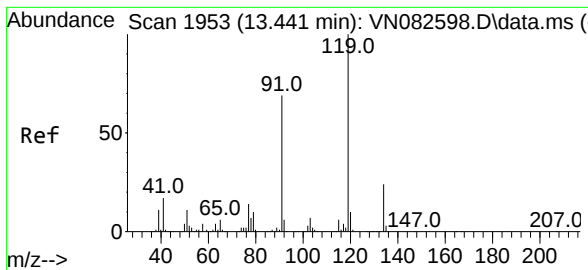
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#82
4-Chlorotoluene
Concen: 17.338 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

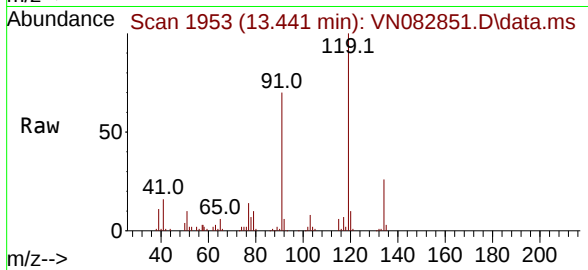
Tgt Ion: 91 Resp: 84490
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6





#83
tert-Butylbenzene
Concen: 16.205 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

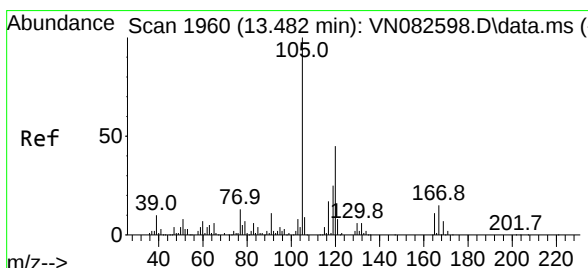
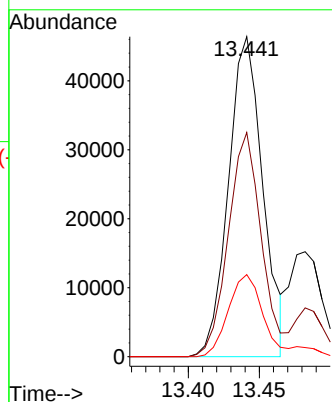
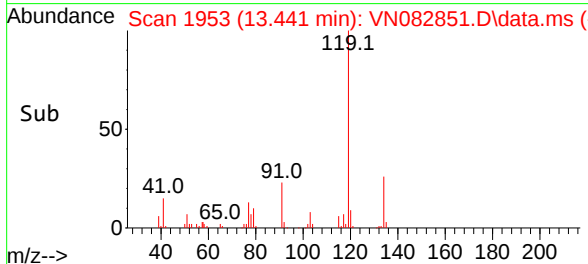
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



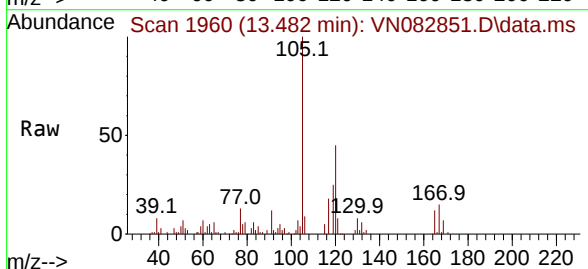
Tgt Ion:119 Resp: 7804
Ion Ratio Lower Upper
119 100
91 66.9 35.0 105.1
134 25.7 13.3 39.8

Manual Integrations
APPROVED

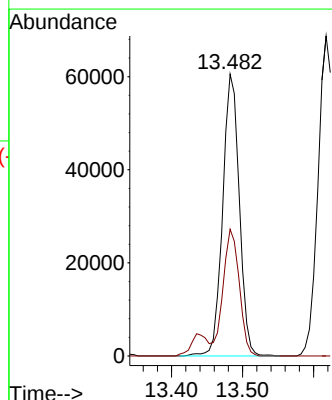
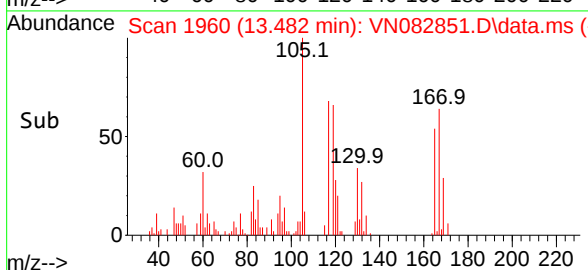
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

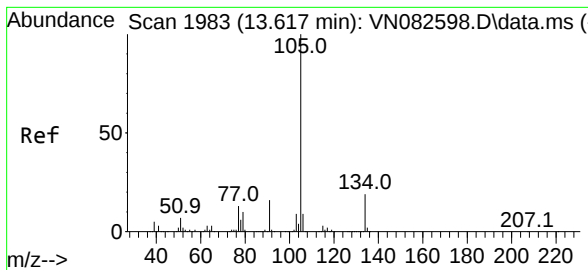


#84
1,2,4-Trimethylbenzene
Concen: 17.742 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



Tgt Ion:105 Resp: 98233
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8





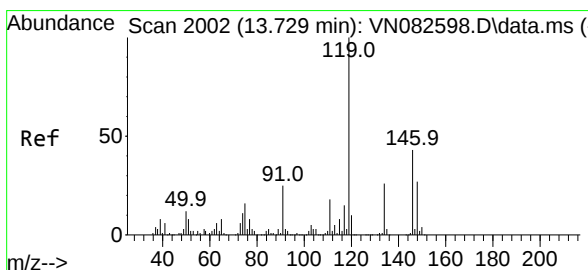
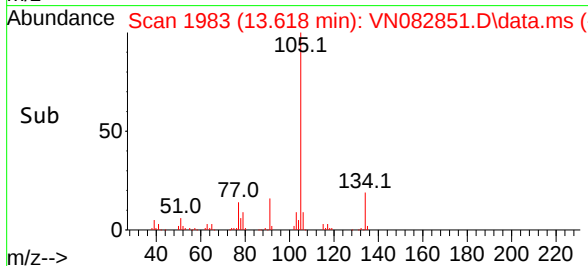
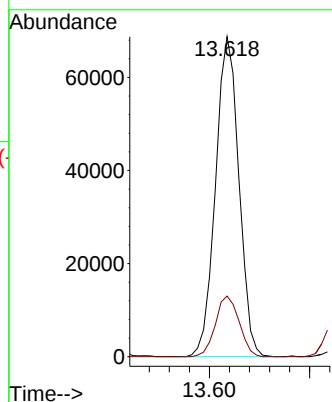
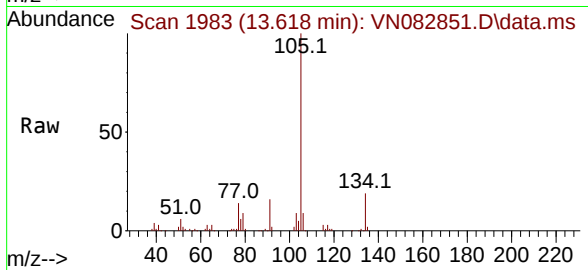
#85
 sec-Butylbenzene
 Concen: 17.073 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN082851.D
 Acq: 10 Jul 2024 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Tgt Ion:105 Resp: 11111
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

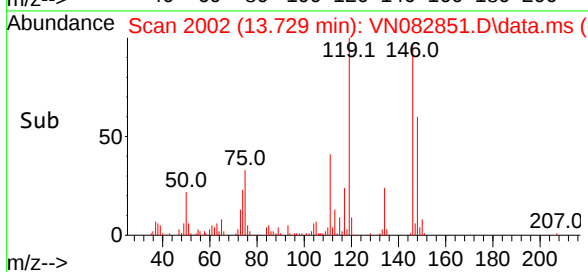
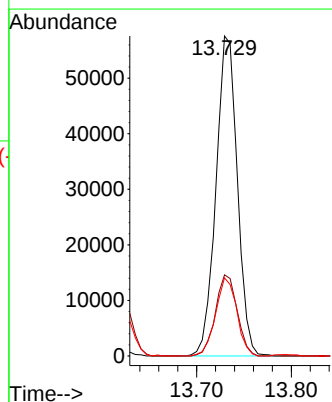
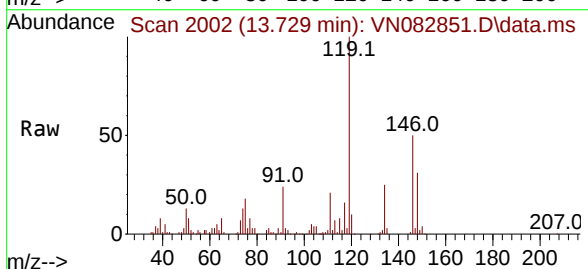
Manual Integrations
 APPROVED

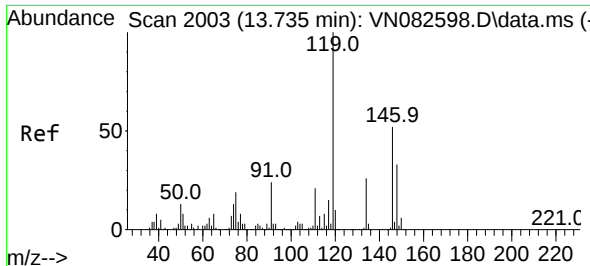
Reviewed By :John Carlone 07/11/2024
 Supervised By :Mahesh Dadoda 07/11/2024



#86
 p-Isopropyltoluene
 Concen: 16.656 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082851.D
 Acq: 10 Jul 2024 13:26

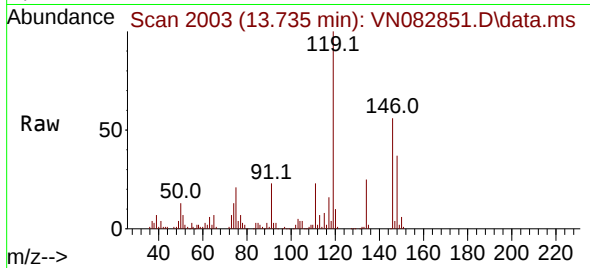
Tgt Ion:119 Resp: 90438
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.2 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 17.032 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

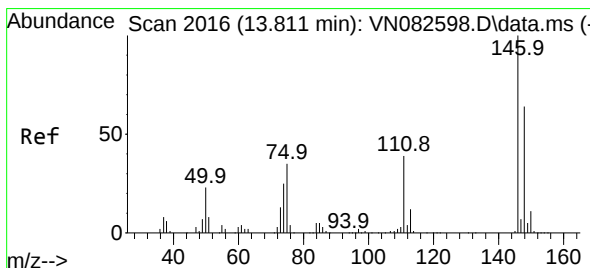
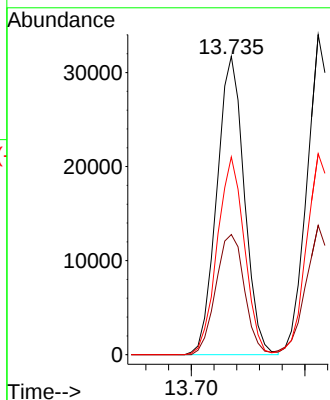
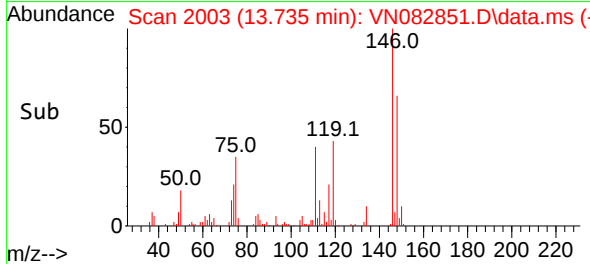
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



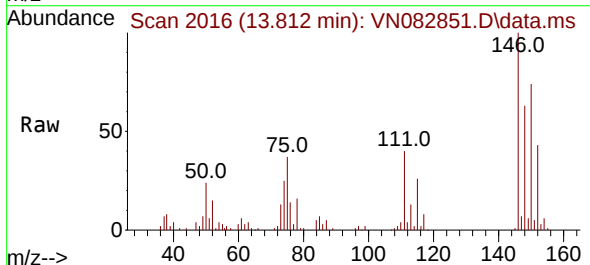
Tgt Ion:146 Resp: 53344
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.9
148 65.5 31.8 95.3

Manual Integrations
APPROVED

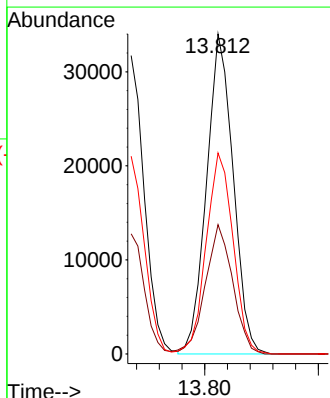
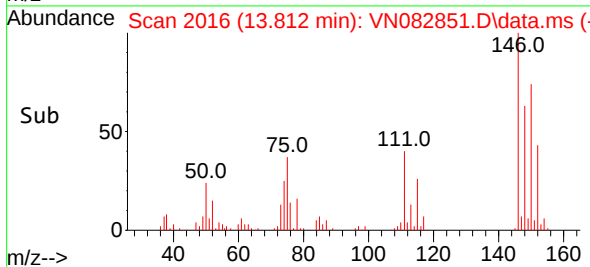
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

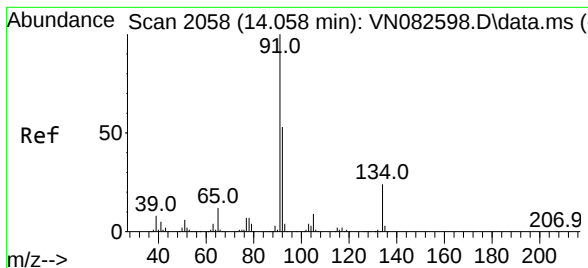


#88
1,4-Dichlorobenzene
Concen: 17.097 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26



Tgt Ion:146 Resp: 55377
Ion Ratio Lower Upper
146 100
111 41.7 20.1 60.3
148 63.7 32.2 96.6





#89

n-Butylbenzene

Concen: 15.823 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

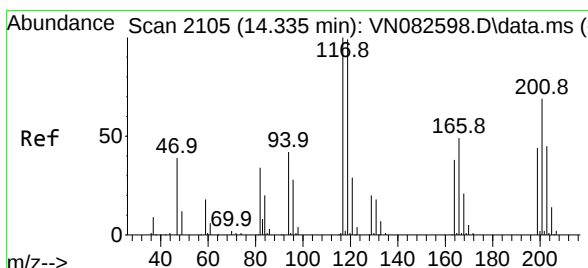
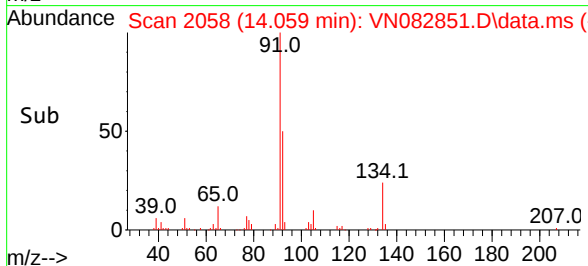
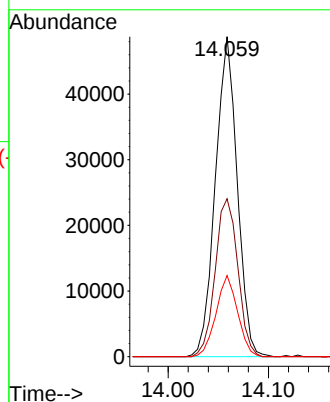
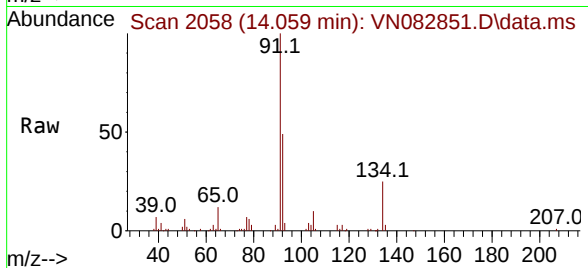
Tgt Ion: 91	Resp: 73600
Ion Ratio	Lower Upper
91	100
92	51.1 26.1 78.3
134	25.0 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#90

Hexachloroethane

Concen: 17.537 ug/l

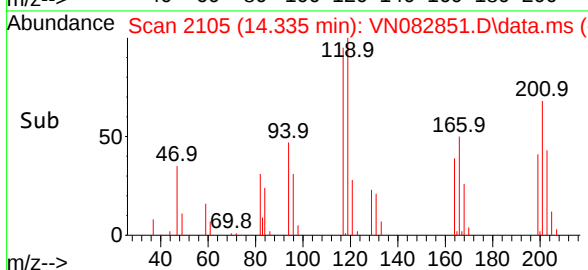
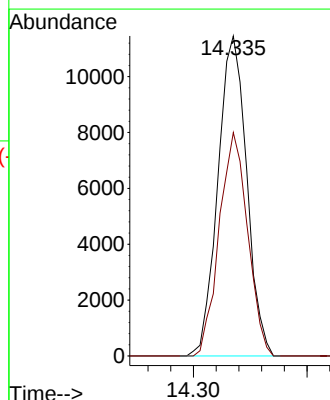
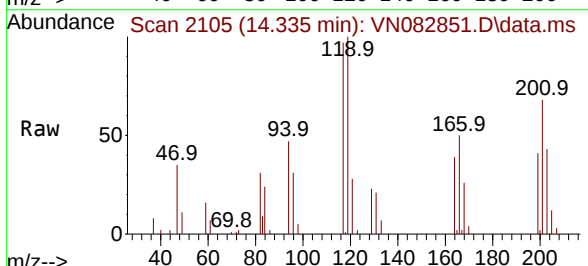
RT: 14.335 min Scan# 2105

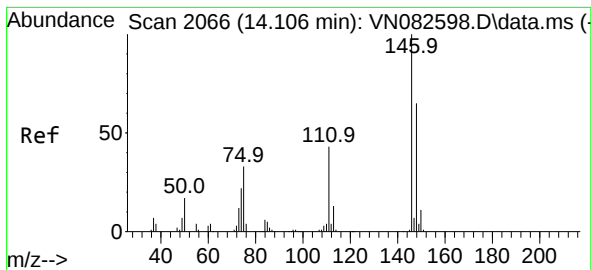
Delta R.T. 0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Tgt Ion: 117	Resp: 20149
Ion Ratio	Lower Upper
117	100
201	69.0 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 17.364 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

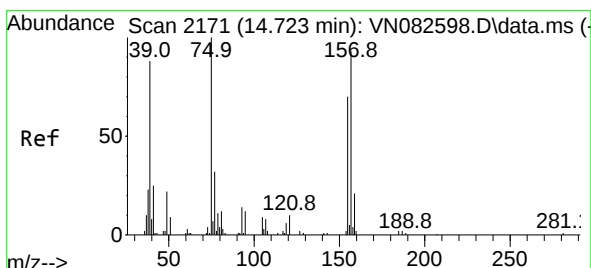
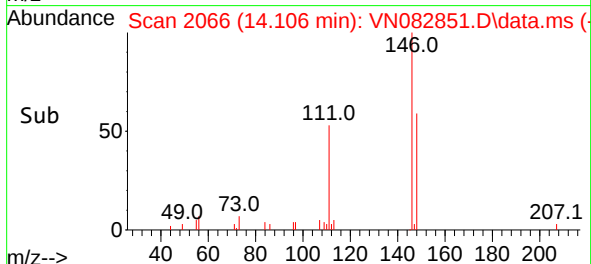
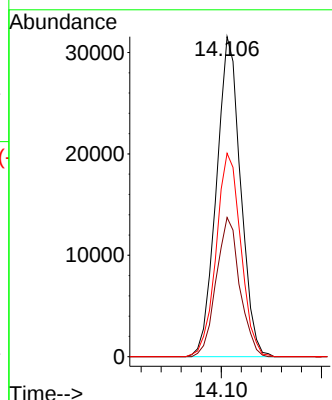
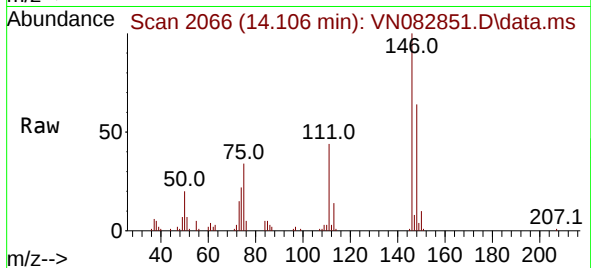
Tgt Ion:	146	Resp:	5280
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.4	64.2
148	64.8	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2024

Supervised By :Mahesh Dadoda 07/11/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.857 ug/l

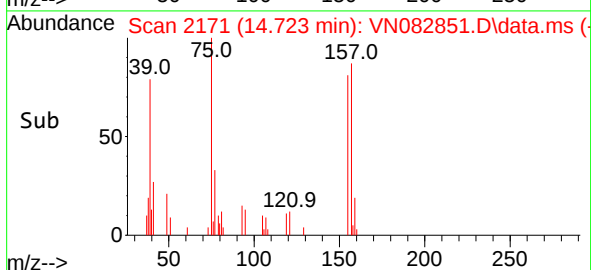
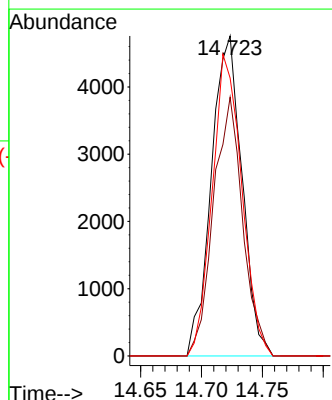
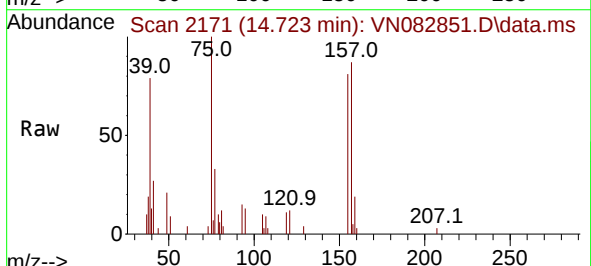
RT: 14.723 min Scan# 2171

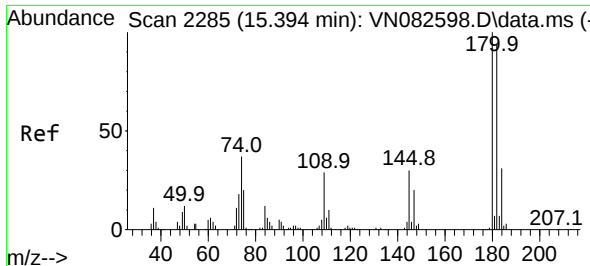
Delta R.T. 0.000 min

Lab File: VN082851.D

Acq: 10 Jul 2024 13:26

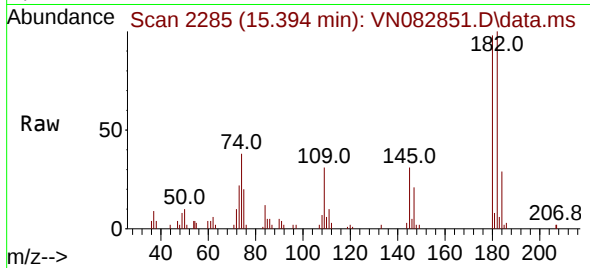
Tgt Ion:	75	Resp:	8315
Ion Ratio	Lower	Upper	
75	100		
155	77.4	36.6	109.8
157	91.2	46.9	140.6





#93
1,2,4-Trichlorobenzene
Concen: 15.552 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

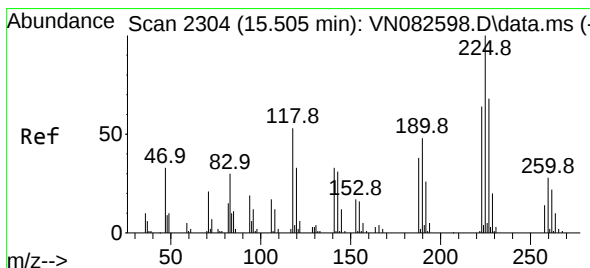
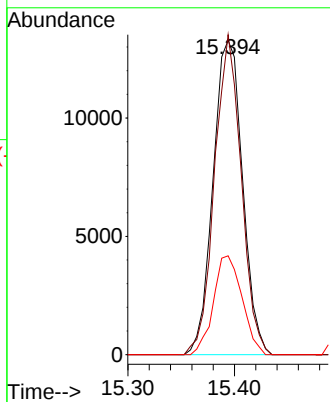
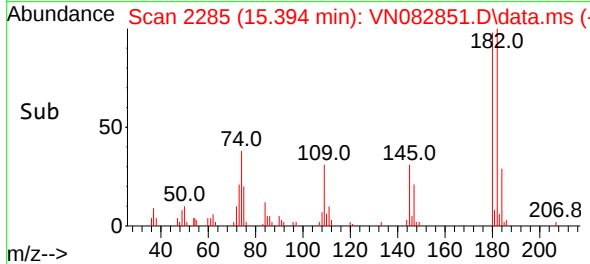
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion:180 Resp: 25474
Ion Ratio Lower Upper
180 100
182 92.4 47.3 141.8
145 30.6 15.7 47.1

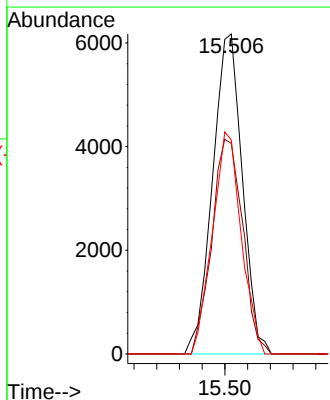
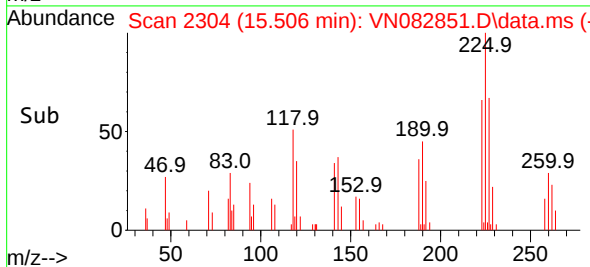
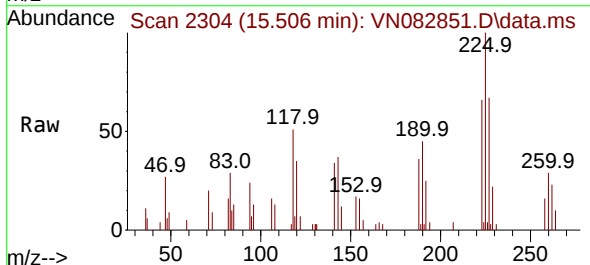
Manual Integrations
APPROVED

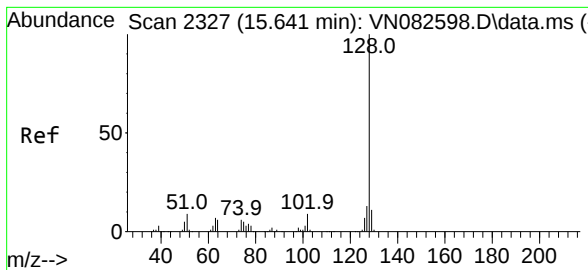
Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#94
Hexachlorobutadiene
Concen: 15.460 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion:225 Resp: 11226
Ion Ratio Lower Upper
225 100
223 69.6 31.9 95.7
227 67.2 32.5 97.5





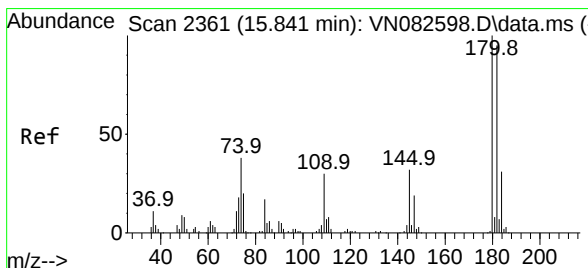
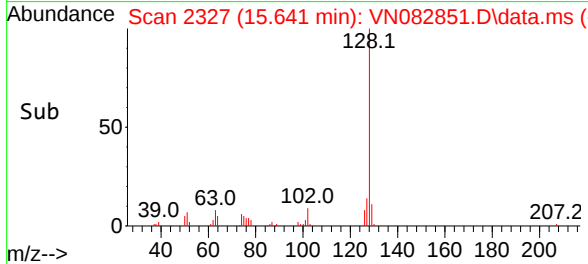
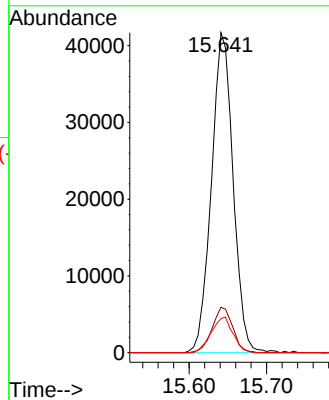
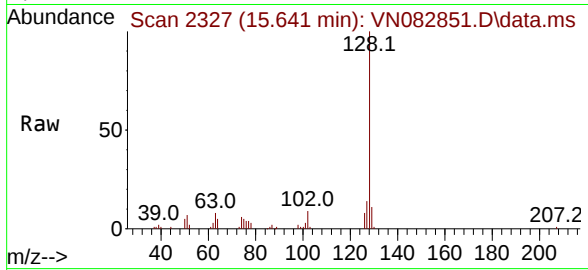
#95
Naphthalene
Concen: 14.453 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.1	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024



#96
1,2,3-Trichlorobenzene
Concen: 15.483 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082851.D
Acq: 10 Jul 2024 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.9	146.8
145	34.7	16.8	50.4

