

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083476.D
 Acq On : 26 Aug 2024 12:31
 Operator : JC\MD
 Sample : VN0826WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/27/2024
 Supervised By : Mahesh Dadoda 08/27/2024

Quant Time: Aug 27 01:53:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	132137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	223910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112002	59.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.100%			
35) Dibromofluoromethane	8.165	113	80631	57.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.380%			
50) Toluene-d8	10.565	98	284798	54.628	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.260%			
62) 4-Bromofluorobenzene	12.847	95	111323	54.772	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	25862	17.259	ug/l	99
3) Chloromethane	2.360	50	29349	19.131	ug/l	100
4) Vinyl Chloride	2.512	62	31267	19.974	ug/l	91
5) Bromomethane	2.901	94	17002	17.504	ug/l	100
6) Chloroethane	3.065	64	23954	24.459	ug/l	99
7) Trichlorofluoromethane	3.465	101	55072	21.296	ug/l	97
8) Diethyl Ether	3.959	74	20353	21.151	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.354	101	29991	21.035	ug/l	97
10) Methyl Iodide	4.577	142	39316	20.963	ug/l	97
11) Tert butyl alcohol	5.542	59	37602	96.201	ug/l	97
12) 1,1-Dichloroethene	4.324	96	28901	19.731	ug/l	81
13) Acrolein	4.171	56	25685	100.826	ug/l	97
14) Allyl chloride	5.012	41	52285	18.889	ug/l	92
15) Acrylonitrile	5.718	53	85035	105.781	ug/l	99
16) Acetone	4.430	43	72651	98.716	ug/l	98
17) Carbon Disulfide	4.701	76	75235	17.554	ug/l	99
18) Methyl Acetate	5.024	43	45347	20.681	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	113004	21.374	ug/l	97
20) Methylene Chloride	5.271	84	33938	20.037	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	28907	19.094	ug/l	99
22) Diisopropyl ether	6.677	45	113406	21.796	ug/l	95
23) Vinyl Acetate	6.600	43	589202	110.479	ug/l	96
24) 1,1-Dichloroethane	6.565	63	61725	21.764	ug/l	98
25) 2-Butanone	7.489	43	113444	100.389	ug/l	91
26) 2,2-Dichloropropane	7.489	77	54120	20.548	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	38387	21.013	ug/l	93
28) Bromochloromethane	7.818	49	26343	22.729	ug/l	86
29) Tetrahydrofuran	7.842	42	76344	104.509	ug/l	89
30) Chloroform	7.965	83	64801	21.993	ug/l	95
31) Cyclohexane	8.253	56	53646	19.247	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	58912	21.123	ug/l	96
36) 1,1-Dichloropropene	8.371	75	42979	20.329	ug/l	98
37) Ethyl Acetate	7.565	43	46963	19.839	ug/l #	93
38) Carbon Tetrachloride	8.365	117	51588	21.664	ug/l	95
39) Methylcyclohexane	9.600	83	50664	19.510	ug/l	95
40) Benzene	8.606	78	136784	21.718	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26594	19.759	ug/l	96
42) 1,2-Dichloroethane	8.671	62	53206	23.190	ug/l	99
43) Isopropyl Acetate	8.689	43	80915	18.285	ug/l #	92
44) Trichloroethene	9.347	130	31063	20.721	ug/l	98
45) 1,2-Dichloropropane	9.618	63	33161	22.181	ug/l	94
46) Dibromomethane	9.706	93	24059	22.483	ug/l	98
47) Bromodichloromethane	9.888	83	52204	21.727	ug/l	98
48) Methyl methacrylate	9.683	41	39123	19.991	ug/l	92
49) 1,4-Dioxane	9.694	88	14290	404.733	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	239022	106.778	ug/l	94
52) Toluene	10.630	92	85917	21.590	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	52685	21.346	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	55921	21.302	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	32696	22.927	ug/l	98
56) Ethyl methacrylate	10.877	69	54094	20.121	ug/l	87
57) 1,3-Dichloropropane	11.165	76	57273	22.531	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	102570	90.257	ug/l	96
59) 2-Hexanone	11.194	43	175774	101.499	ug/l	94
60) Dibromochloromethane	11.359	129	36635	21.247	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32478	21.679	ug/l	98
64) Tetrachloroethene	11.106	164	26911	20.328	ug/l	98
65) Chlorobenzene	11.894	112	91364	20.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32924	21.134	ug/l	100
67) Ethyl Benzene	11.965	91	162264	20.024	ug/l	99
68) m/p-Xylenes	12.071	106	120779	39.789	ug/l	97
69) o-Xylene	12.400	106	59098	19.740	ug/l	98
70) Styrene	12.412	104	98164	19.523	ug/l	97
71) Bromoform	12.582	173	24015	20.348	ug/l #	99
73) Isopropylbenzene	12.694	105	153324	17.708	ug/l	100
74) N-amyl acetate	12.494	43	70127	16.558	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	48627	19.856	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	43576m	19.180	ug/l	
77) Bromobenzene	12.976	156	35307	18.356	ug/l	93
78) n-propylbenzene	13.035	91	175079	17.560	ug/l	99
79) 2-Chlorotoluene	13.124	91	115386	18.254	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	130924	18.061	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	16075	15.390	ug/l	98
82) 4-Chlorotoluene	13.224	91	113884	17.961	ug/l	96
83) tert-Butylbenzene	13.441	119	112027	17.450	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	132558	18.145	ug/l	100
85) sec-Butylbenzene	13.618	105	153116	17.480	ug/l	99
86) p-Isopropyltoluene	13.729	119	125923	17.410	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	67273	18.588	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	67010	18.365	ug/l	97
89) n-Butylbenzene	14.053	91	106514	16.996	ug/l	98
90) Hexachloroethane	14.335	117	24991	17.885	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	68781	19.639	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10151	17.082	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	33681	17.166	ug/l	98
94) Hexachlorobutadiene	15.500	225	15000	17.190	ug/l	99
95) Naphthalene	15.641	128	113666	16.354	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	33392	17.199	ug/l	97

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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

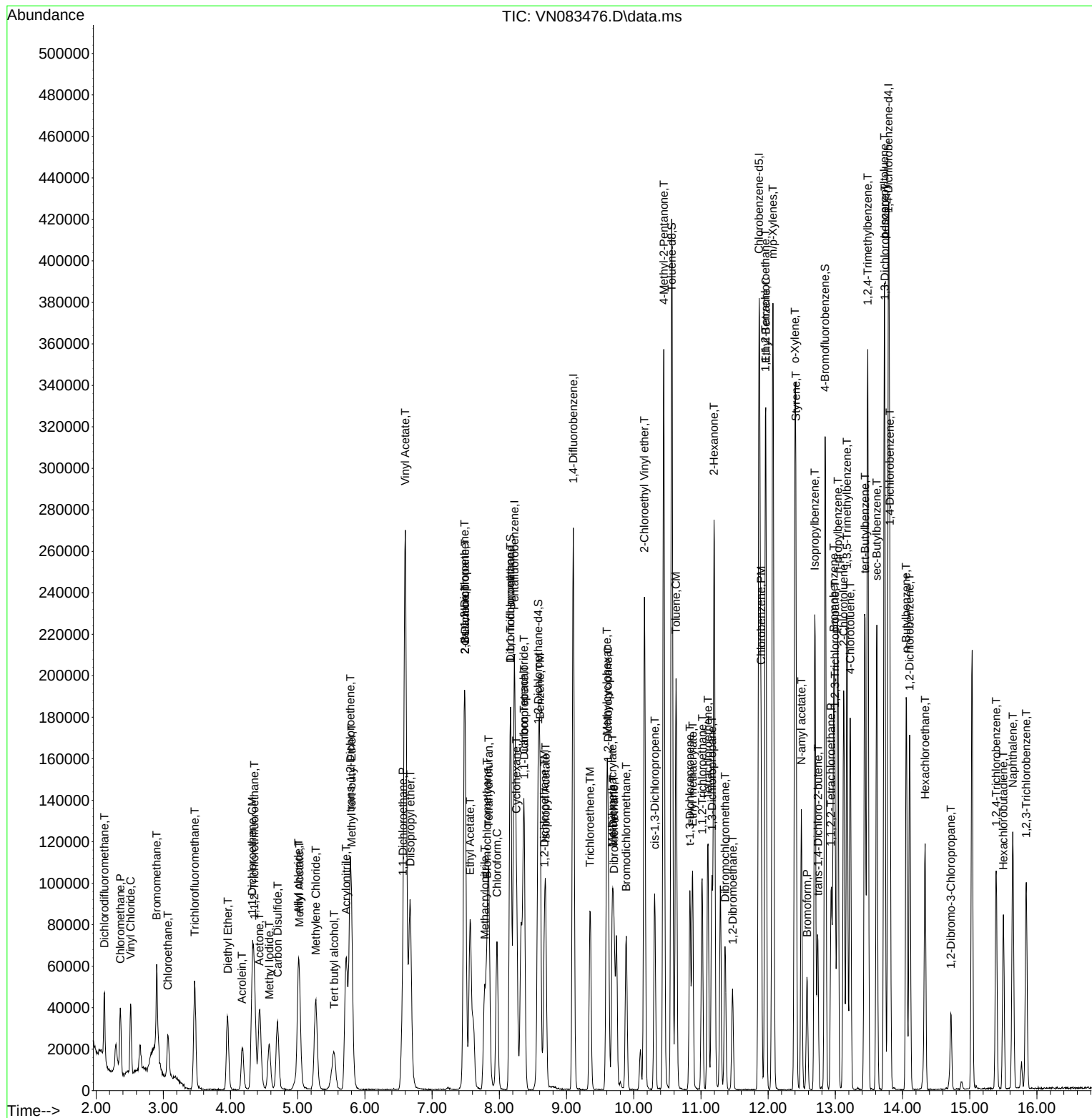
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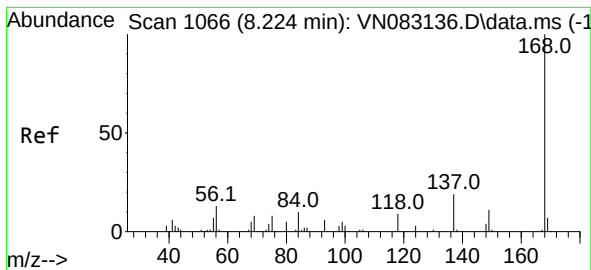
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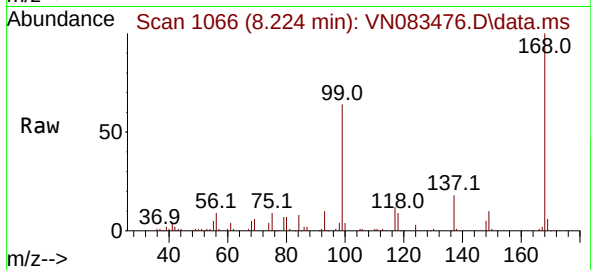
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083476.D
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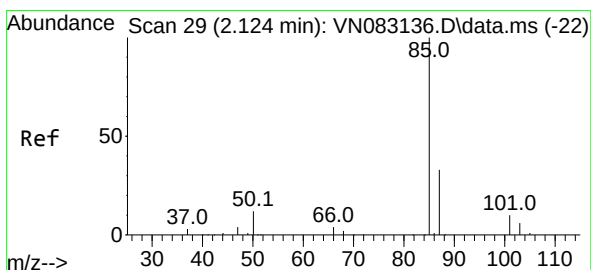
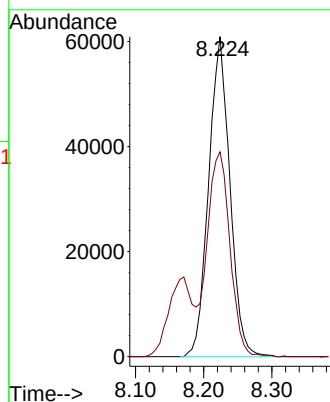
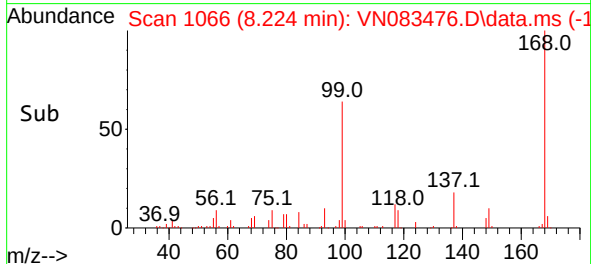
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 13213
Ion Ratio Lower Upper
168 100
99 64.0 48.2 72.4

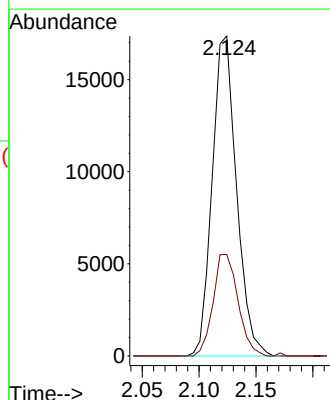
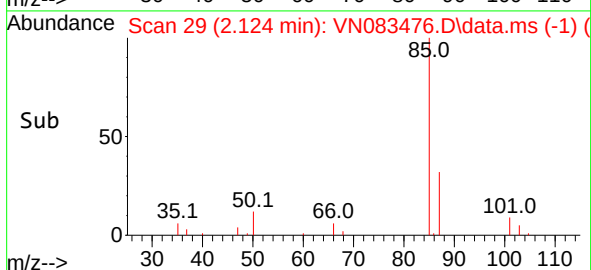
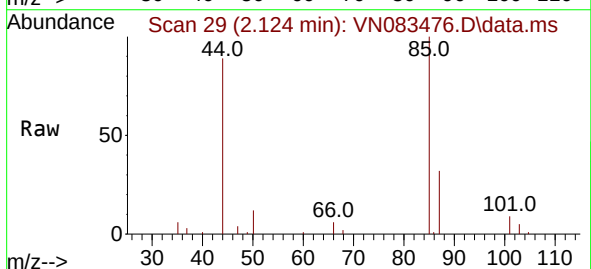
Manual Integrations
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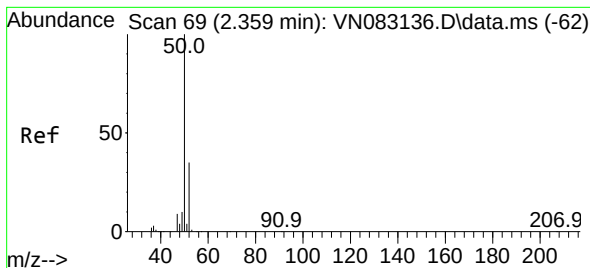
Reviewed By :John Carlone 08/27/2024
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#2
Dichlorodifluoromethane
Concen: 17.259 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

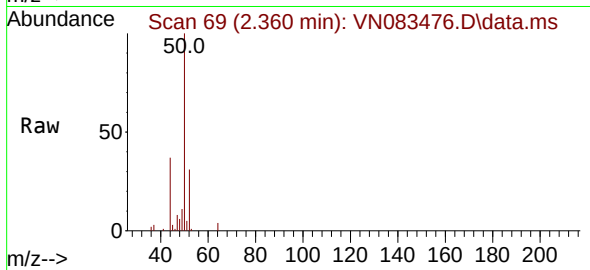
Tgt Ion: 85 Resp: 25862
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0





#3
Chloromethane
Concen: 19.131 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

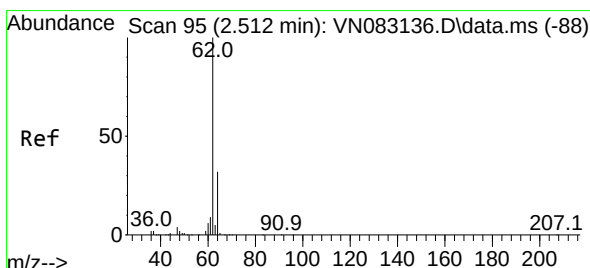
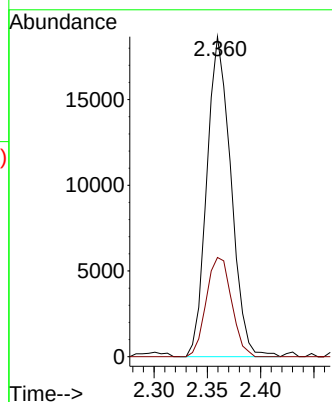
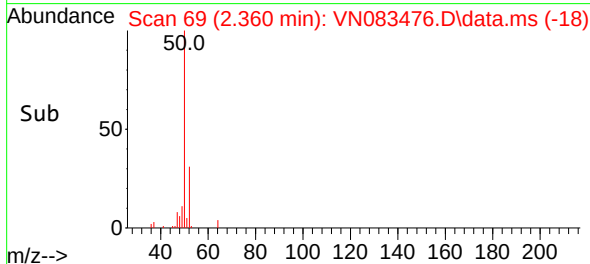
Instrument :
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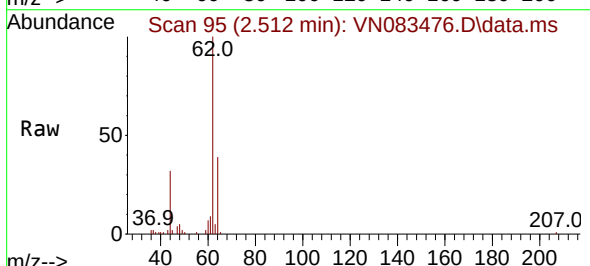
Tgt Ion: 50 Resp: 29349
Ion Ratio Lower Upper
50 100
52 31.0 25.0 37.4

Manual Integrations
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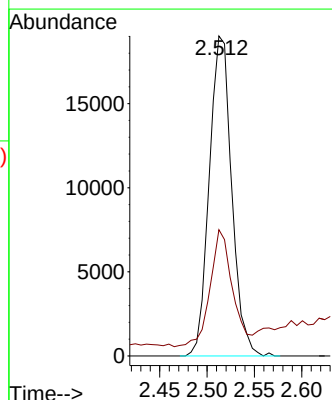
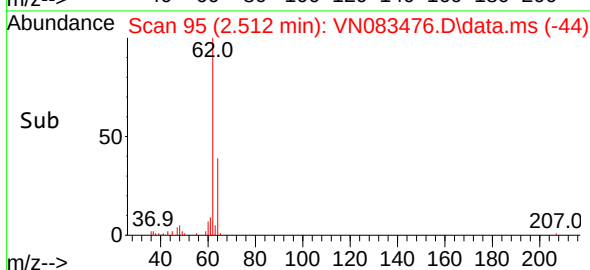
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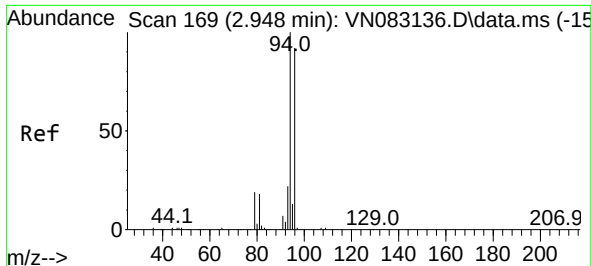


#4
Vinyl Chloride
Concen: 19.974 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



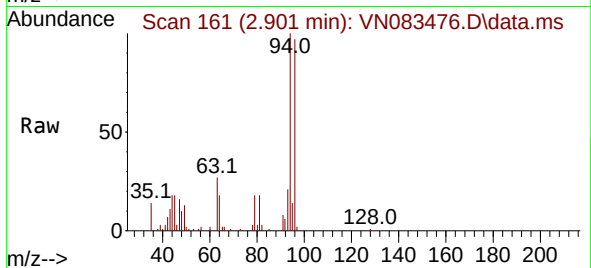
Tgt Ion: 62 Resp: 31267
Ion Ratio Lower Upper
62 100
64 36.2 25.0 37.6





#5
Bromomethane
Concen: 17.504 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

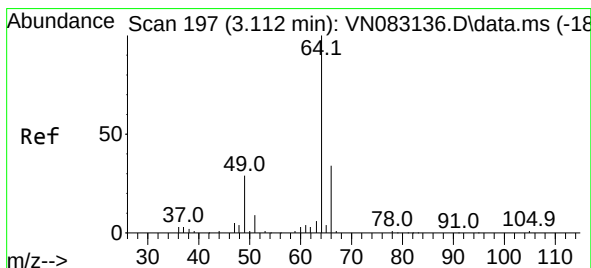
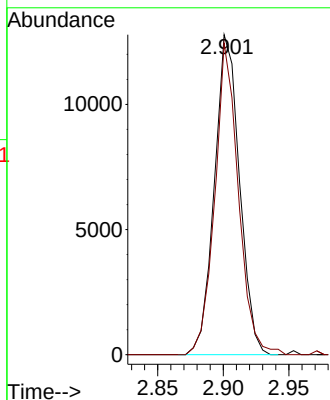
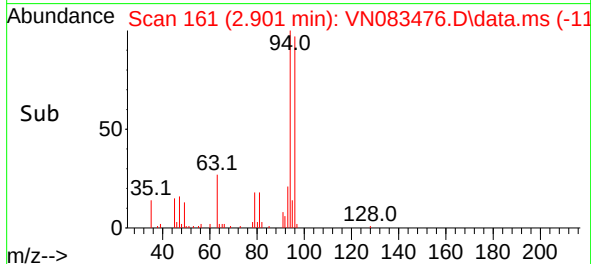
Instrument :
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Tgt Ion: 94 Resp: 1700
Ion Ratio Lower Upper
94 100
96 97.3 78.0 117.0

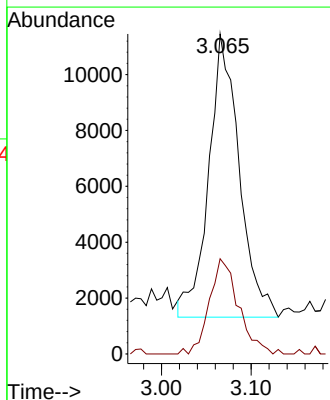
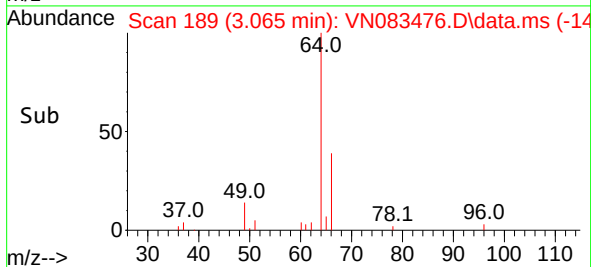
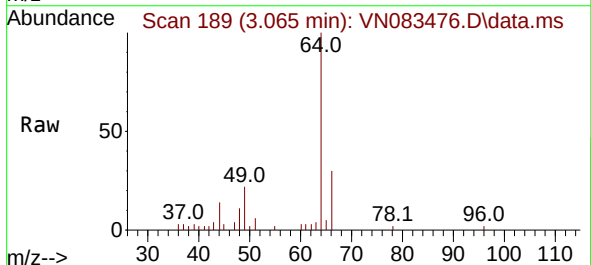
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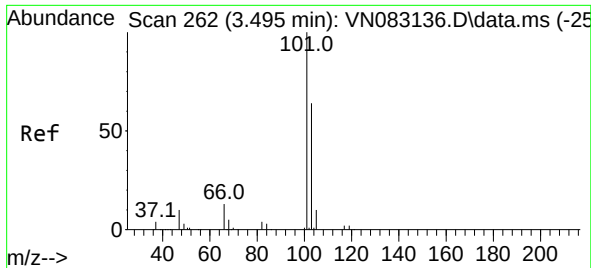
Reviewed By :John Carlone 08/27/2024
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#6
Chloroethane
Concen: 24.459 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.047 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

Tgt Ion: 64 Resp: 23954
Ion Ratio Lower Upper
64 100
66 33.6 26.6 40.0





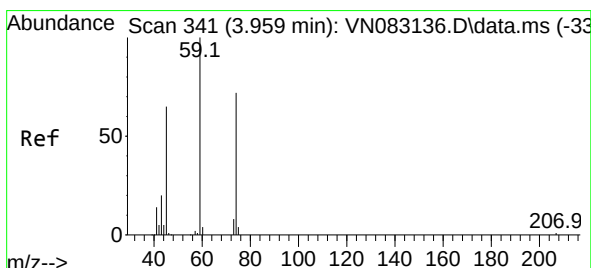
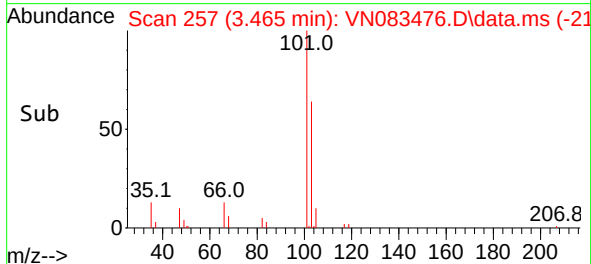
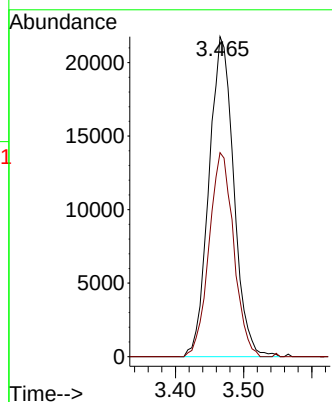
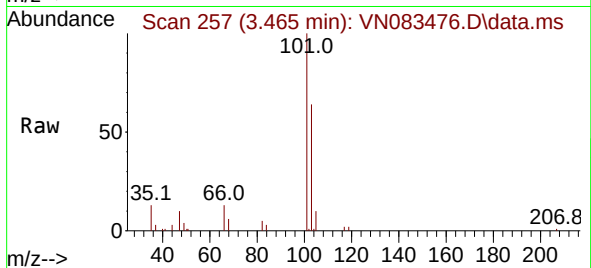
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 Trichlorofluoromethane
 Concen: 21.296 ug/l
 RT: 3.465 min Scan# 210
 Delta R.T. -0.030 min
 Lab File: VN083476.D
 Acq: 26 Aug 2024 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 55072
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.7 79.1

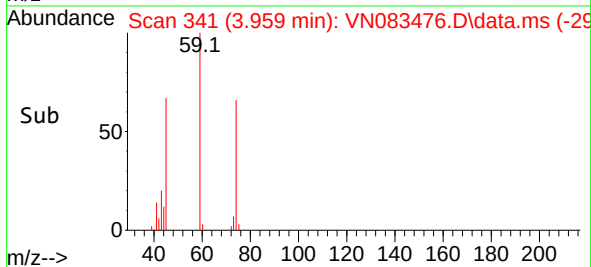
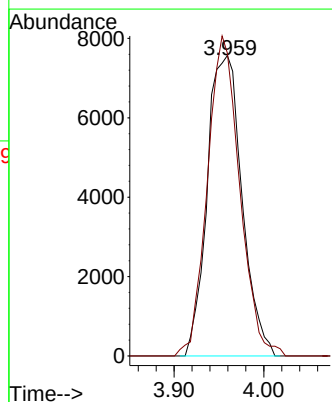
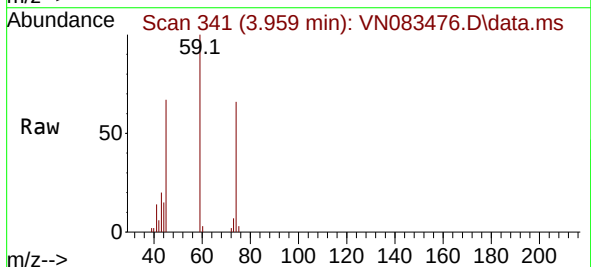
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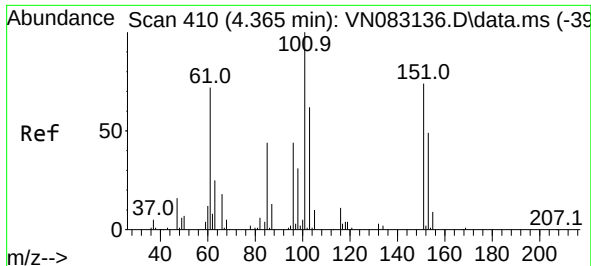
Reviewed By :John Carlone 08/27/2024
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#8
 Diethyl Ether
 Concen: 21.151 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN083476.D
 Acq: 26 Aug 2024 12:31

Tgt Ion: 74 Resp: 20353
 Ion Ratio Lower Upper
 74 100
 45 99.1 55.5 166.3





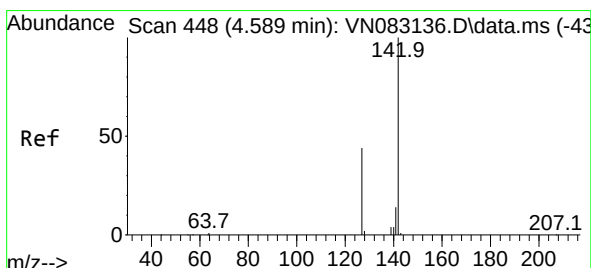
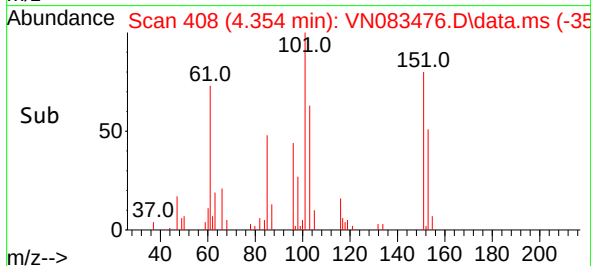
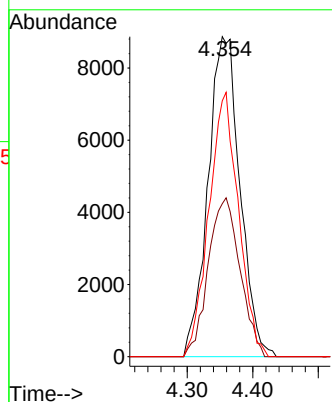
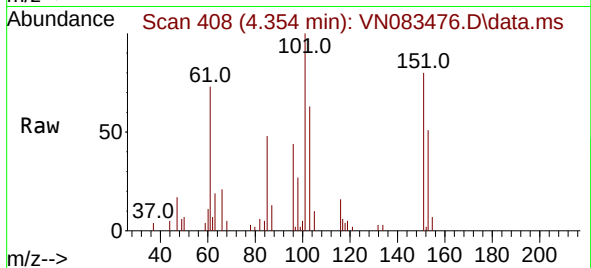
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.035 ug/l
RT: 4.354 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion:101 Resp: 2999
Ion Ratio Lower Upper
101 100
85 49.3 38.3 57.5
151 76.6 59.3 88.9

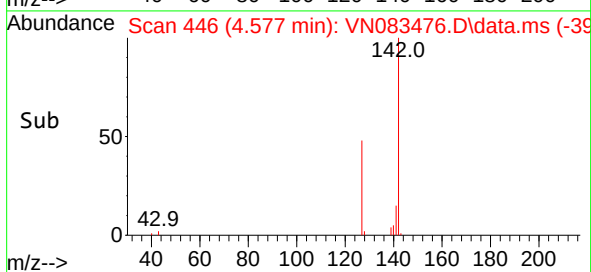
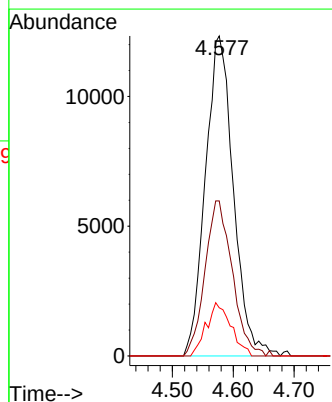
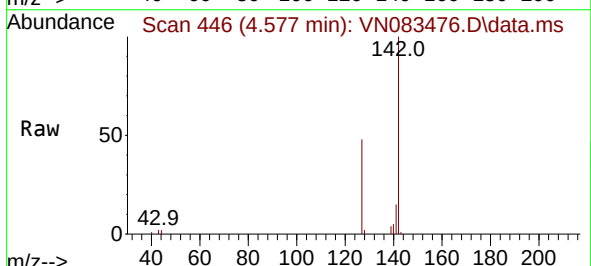
Manual Integrations
APPROVED

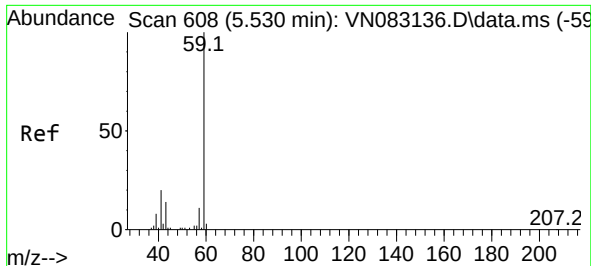
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#10
Methyl Iodide
Concen: 20.963 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

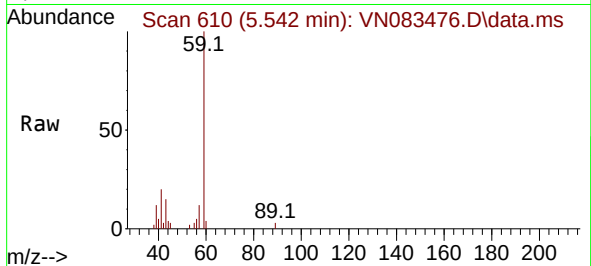
Tgt Ion:142 Resp: 39316
Ion Ratio Lower Upper
142 100
127 48.5 37.5 56.3
141 15.1 13.1 19.7





#11
Tert butyl alcohol
Concen: 96.201 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

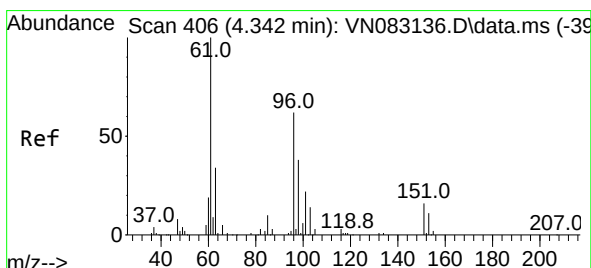
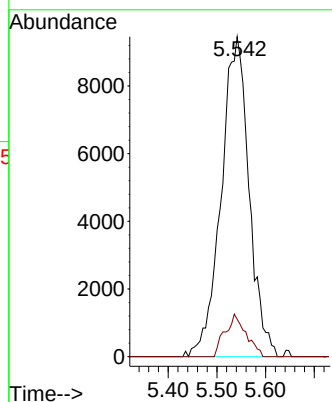
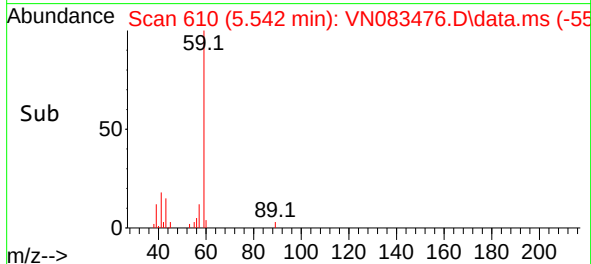
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 59 Resp: 37602
Ion Ratio Lower Upper
59 100
57 10.0 8.9 13.3

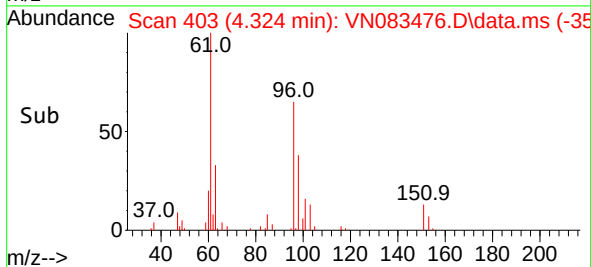
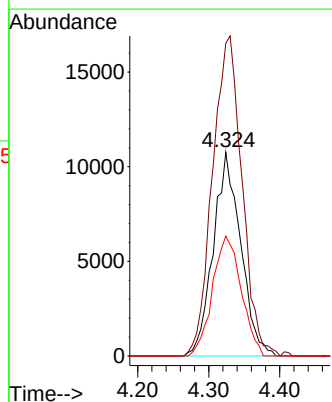
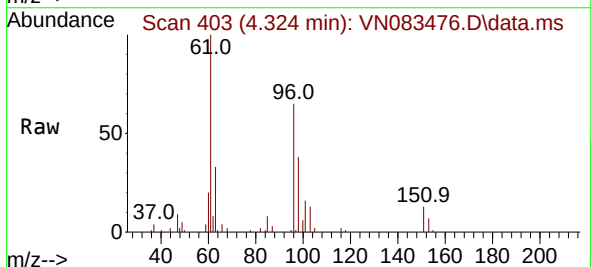
Manual Integrations
APPROVED

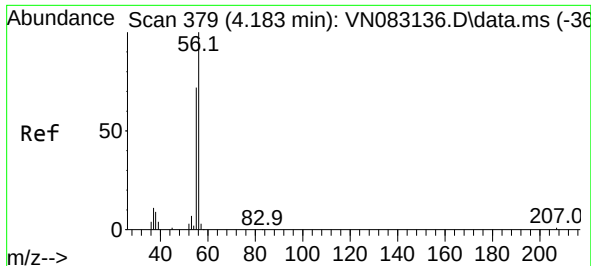
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#12
1,1-Dichloroethene
Concen: 19.731 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.017 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

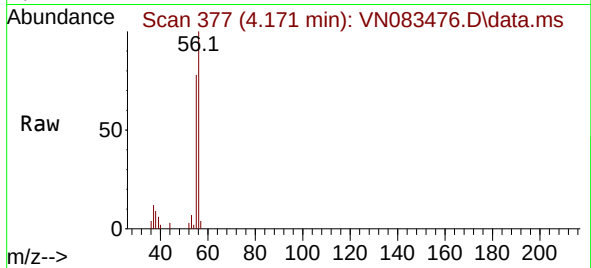
Tgt Ion: 96 Resp: 28901
Ion Ratio Lower Upper
96 100
61 153.5 149.7 224.5
98 58.7 50.1 75.1





#13
Acrolein
Concen: 100.826 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

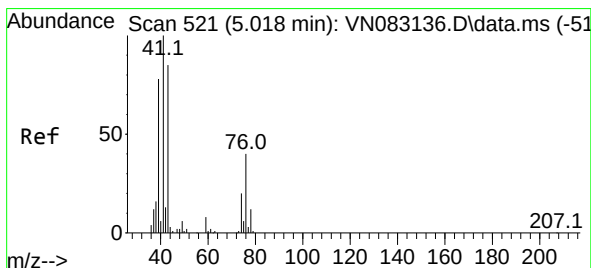
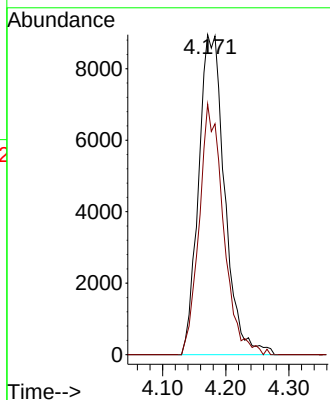
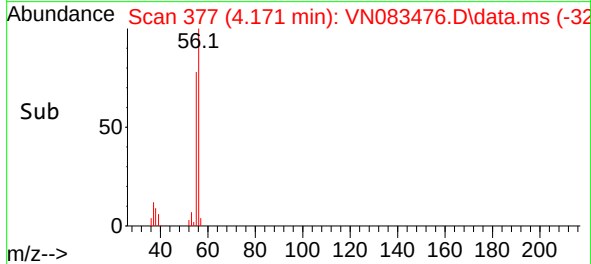
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



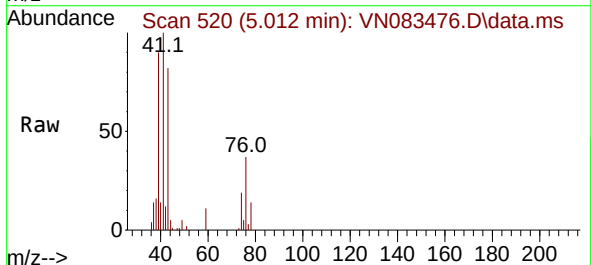
Tgt Ion: 56 Resp: 2568
Ion Ratio Lower Upper
56 100
55 72.9 56.4 84.6

Manual Integrations
APPROVED

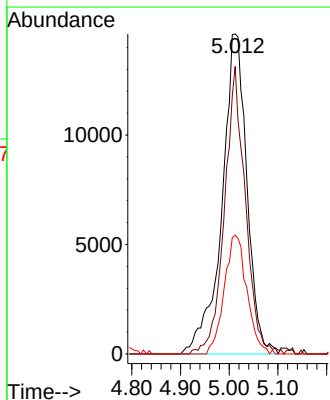
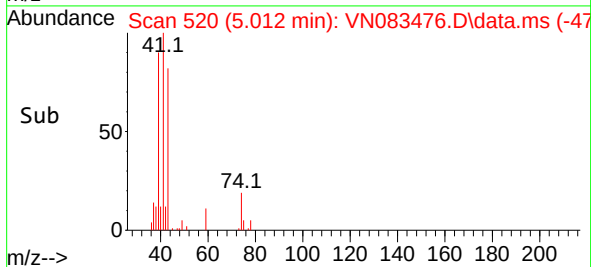
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

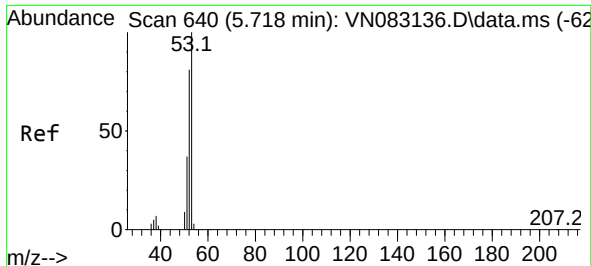


#14
Allyl chloride
Concen: 18.889 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



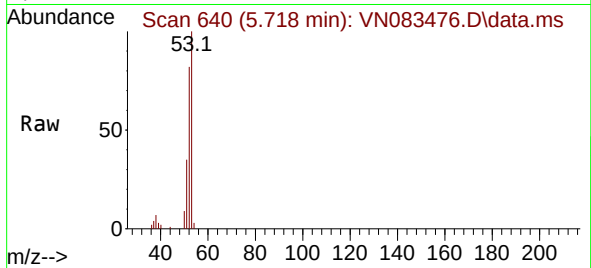
Tgt Ion: 41 Resp: 52285
Ion Ratio Lower Upper
41 100
39 74.9 67.8 101.6
76 33.5 25.8 38.8





#15
Acrylonitrile
Concen: 105.781 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

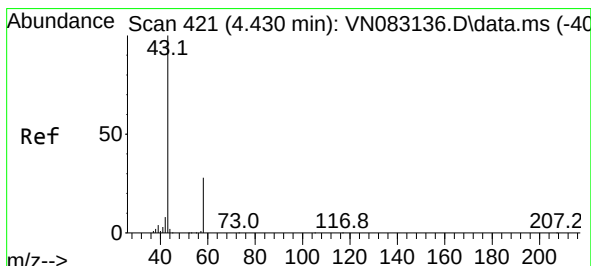
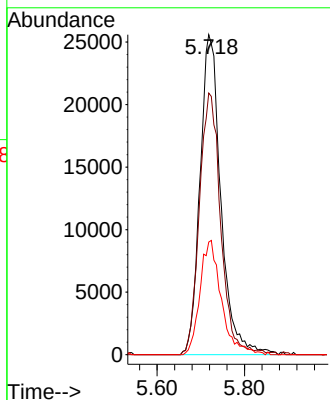
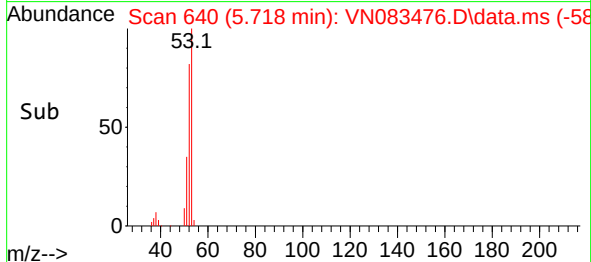
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 53 Resp: 85035
Ion Ratio Lower Upper
53 100
52 82.9 66.6 100.0
51 36.7 30.1 45.1

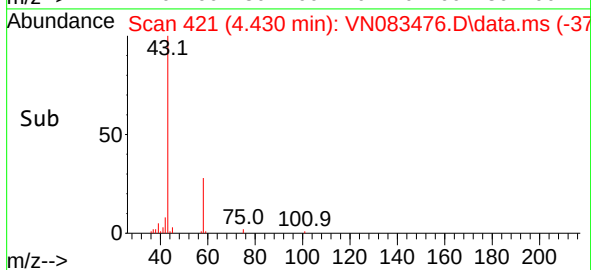
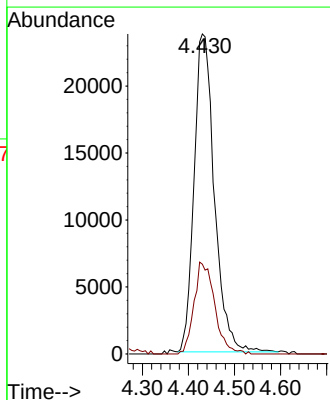
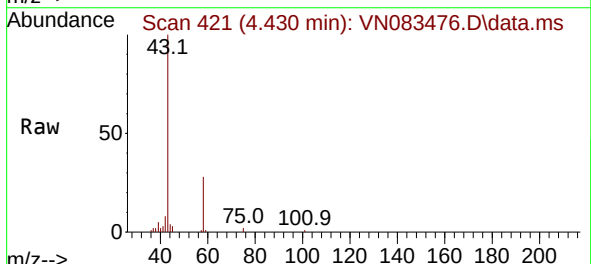
Manual Integrations
APPROVED

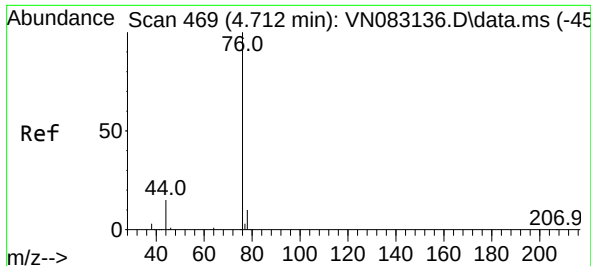
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#16
Acetone
Concen: 98.716 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

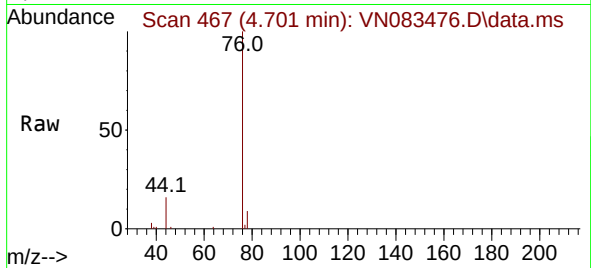
Tgt Ion: 43 Resp: 72651
Ion Ratio Lower Upper
43 100
58 28.3 21.8 32.6





#17
Carbon Disulfide
Concen: 17.554 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

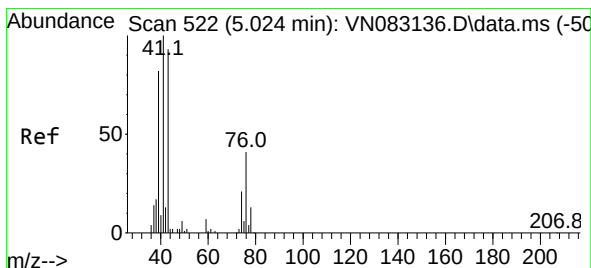
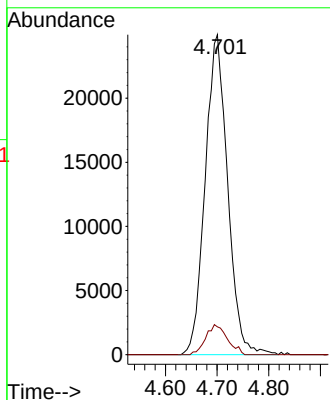
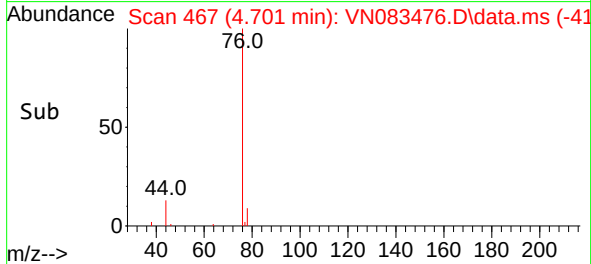
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



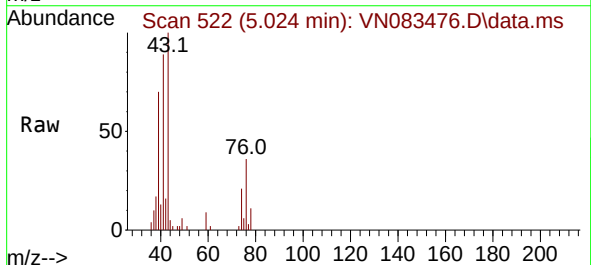
Tgt Ion: 76 Resp: 7523
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

Manual Integrations
APPROVED

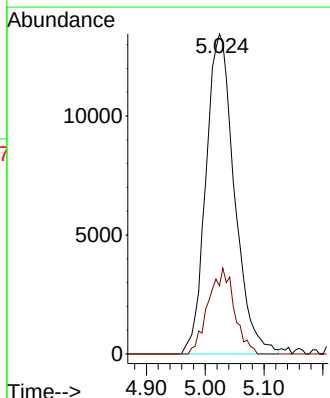
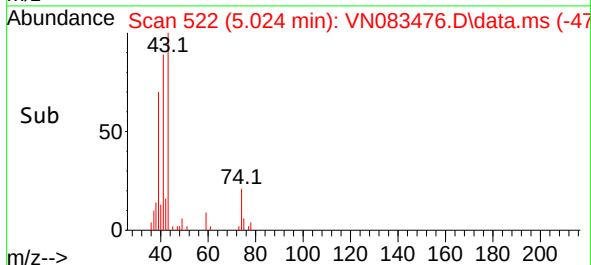
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

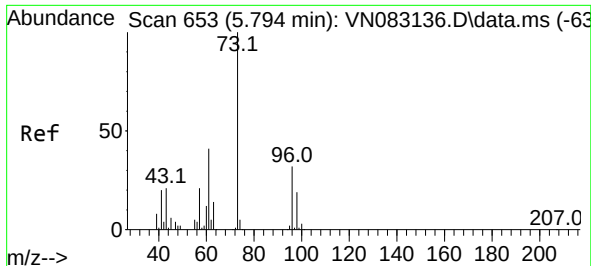


#18
Methyl Acetate
Concen: 20.681 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



Tgt Ion: 43 Resp: 45347
Ion Ratio Lower Upper
43 100
74 24.4 16.3 24.5





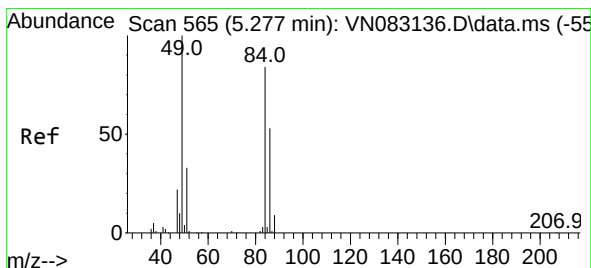
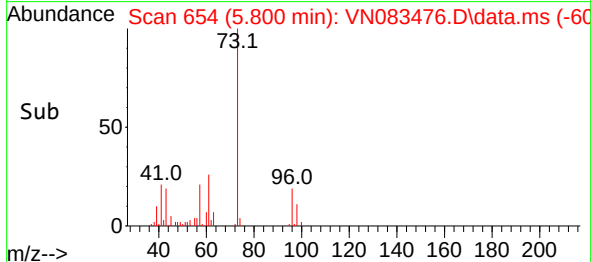
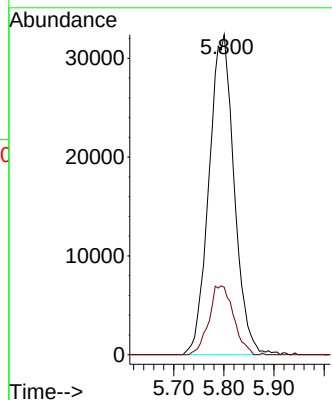
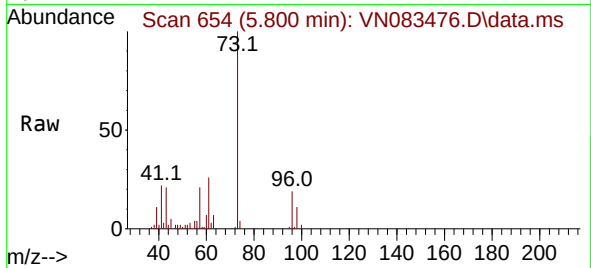
#19
Methyl tert-butyl Ether
Concen: 21.374 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion: 73 Resp: 113004
Ion Ratio Lower Upper
73 100
57 21.1 17.9 26.9

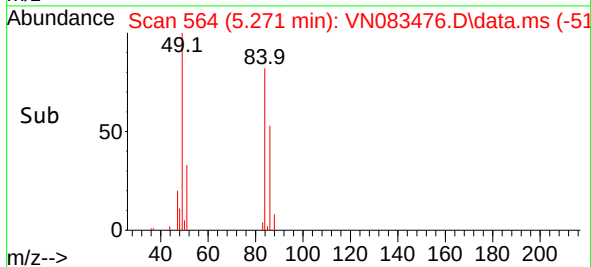
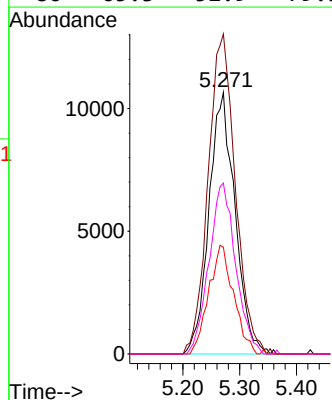
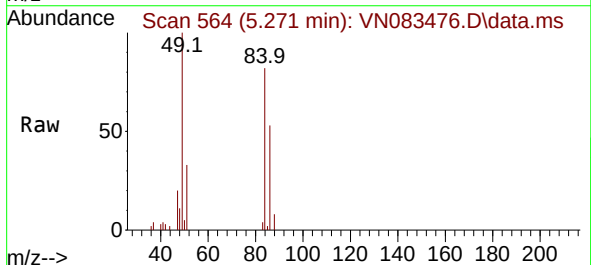
Manual Integrations
APPROVED

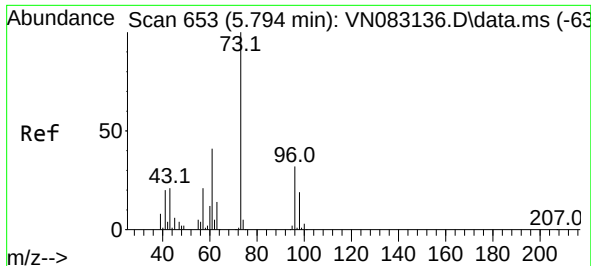
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#20
Methylene Chloride
Concen: 20.037 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

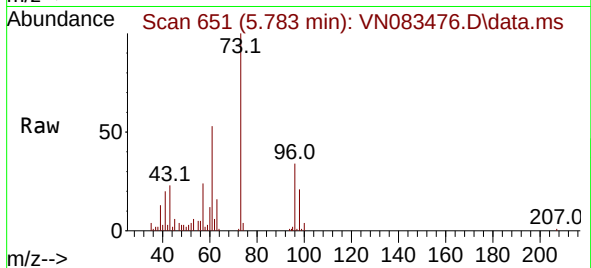
Tgt Ion: 84 Resp: 33938
Ion Ratio Lower Upper
84 100
49 122.3 119.6 179.4
51 40.8 34.8 52.2
86 65.3 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 19.094 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

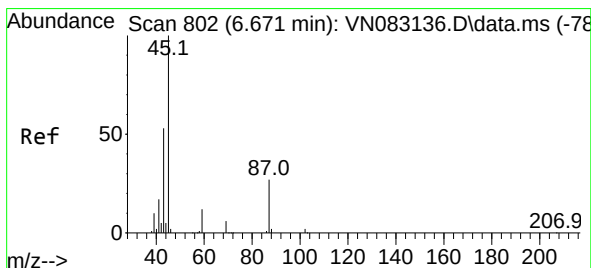
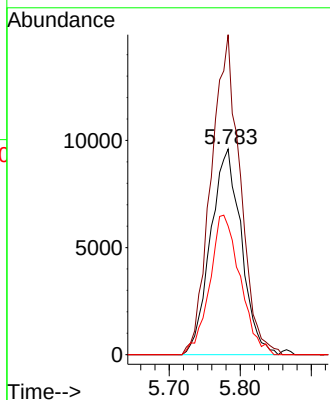
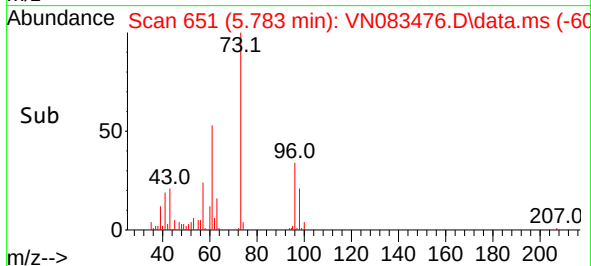
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 96 Resp: 2890
Ion Ratio Lower Upper
96 100
61 155.6 123.4 185.2
98 62.5 49.3 73.9

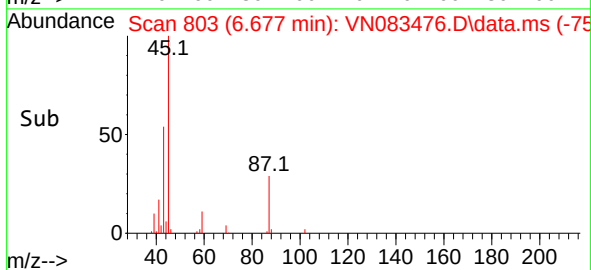
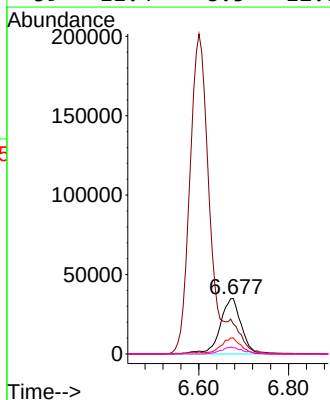
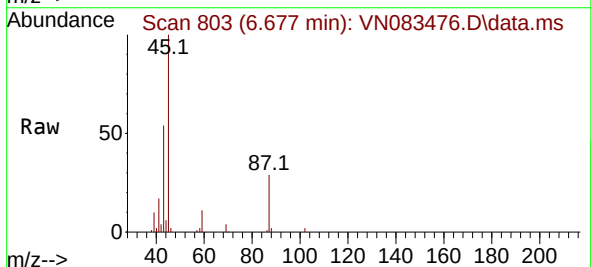
Manual Integrations
APPROVED

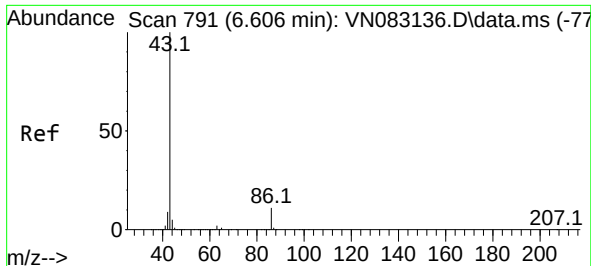
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#22
Diisopropyl ether
Concen: 21.796 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

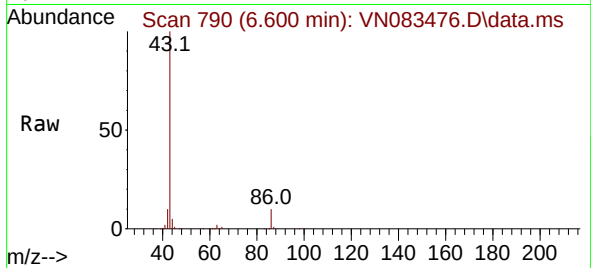
Tgt Ion: 45 Resp: 113406
Ion Ratio Lower Upper
45 100
43 52.7 44.0 66.0
87 29.0 19.7 29.5
59 11.4 8.5 12.7





#23
 Vinyl Acetate
 Concen: 110.479 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083476.D
 Acq: 26 Aug 2024 12:31

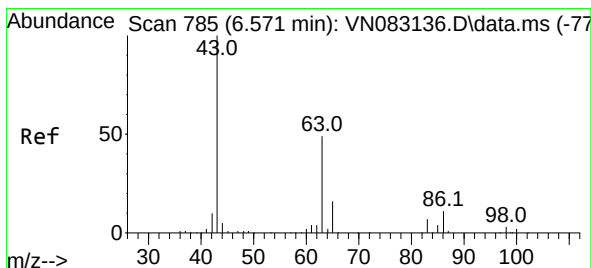
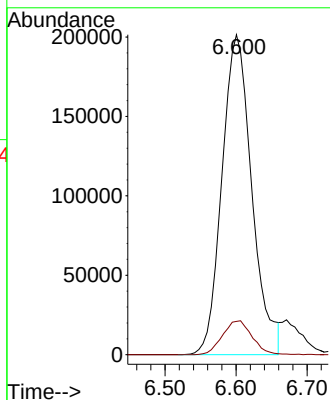
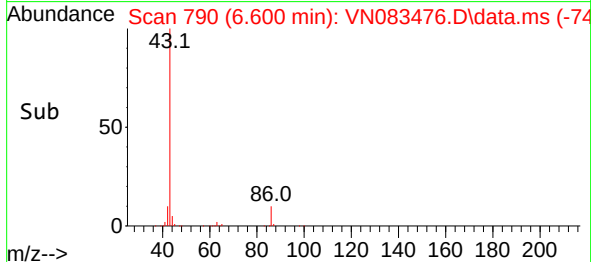
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02



Tgt Ion: 43 Resp: 58920
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.3 10.9

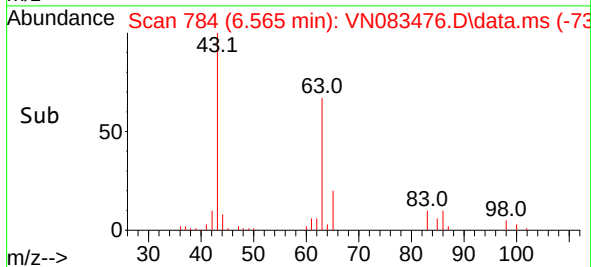
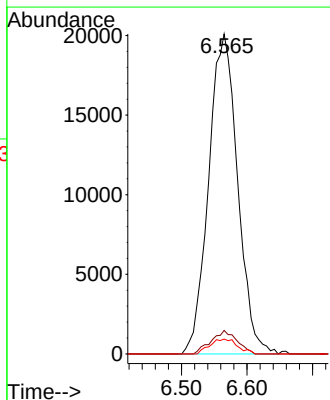
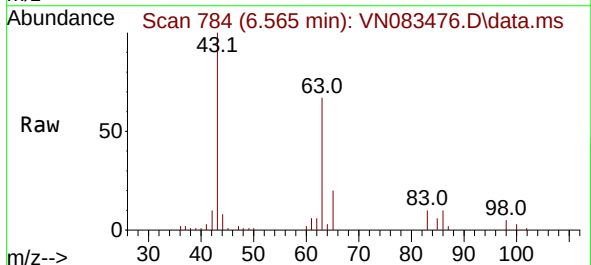
Manual Integrations
 APPROVED

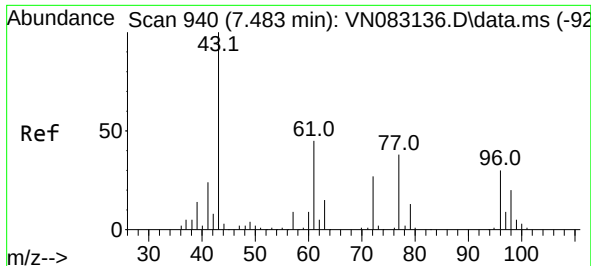
Reviewed By :John Carlone 08/27/2024
 Supervised By :Mahesh Dadoda 08/27/2024



#24
 1,1-Dichloroethane
 Concen: 21.764 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN083476.D
 Acq: 26 Aug 2024 12:31

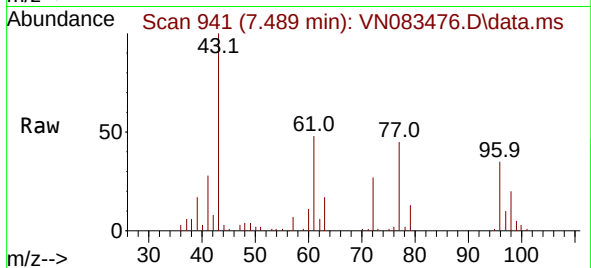
Tgt Ion: 63 Resp: 61725
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.6 2.0 6.0





#25
2-Butanone
Concen: 100.389 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

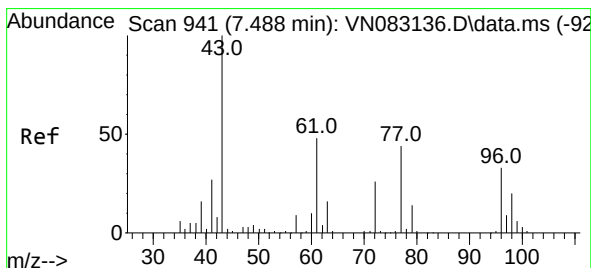
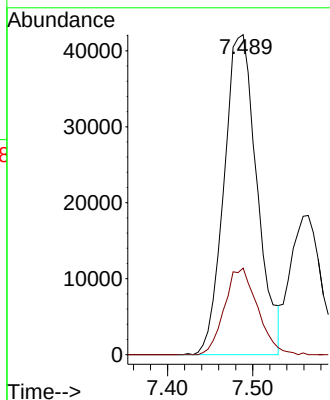
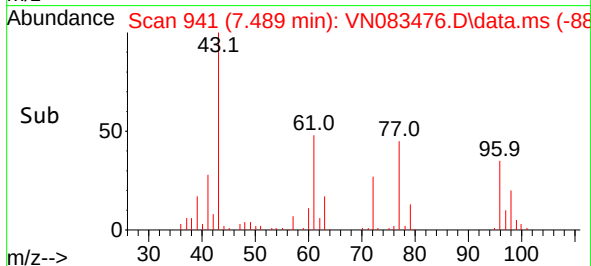
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 43 Resp: 11344
Ion Ratio Lower Upper
43 100
72 27.1 18.2 27.2

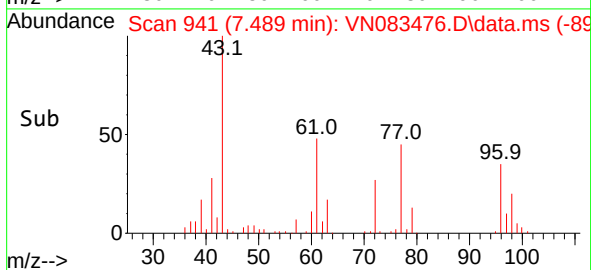
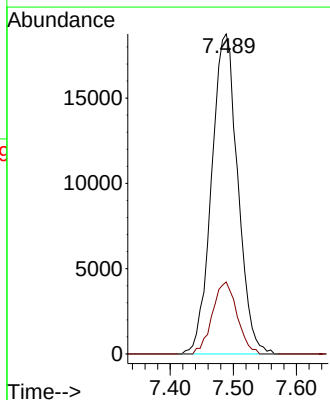
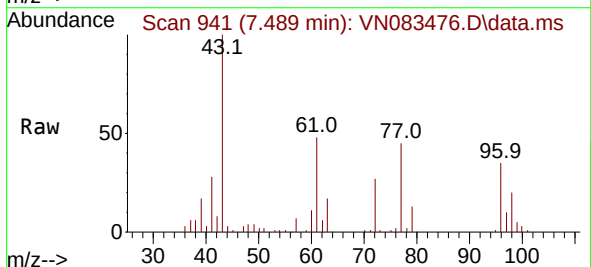
Manual Integrations
APPROVED

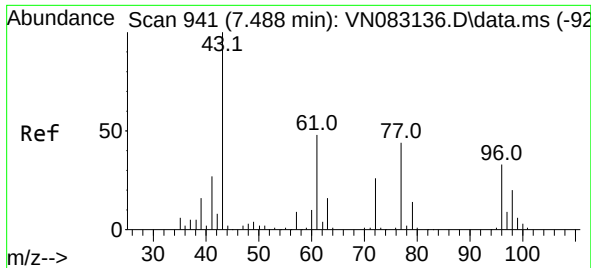
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#26
2,2-Dichloropropane
Concen: 20.548 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

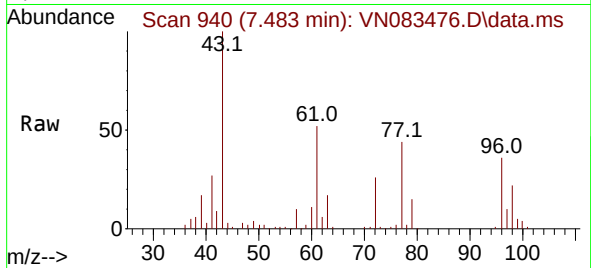
Tgt Ion: 77 Resp: 54120
Ion Ratio Lower Upper
77 100
97 21.2 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 21.013 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

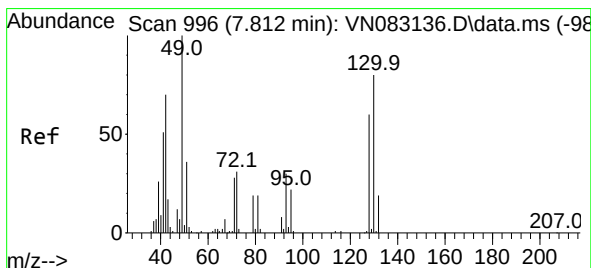
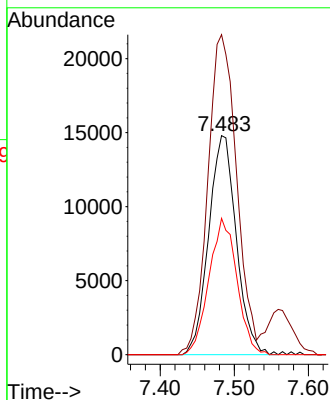
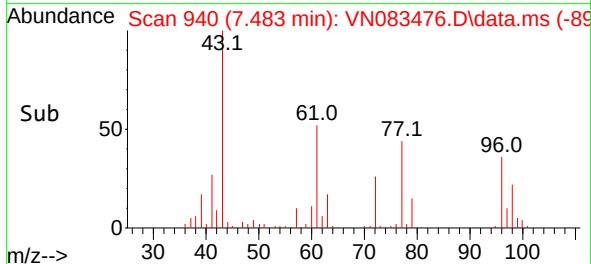
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 96 Resp: 3838
Ion Ratio Lower Upper
96 100
61 153.1 0.0 329.6
98 62.7 0.0 128.6

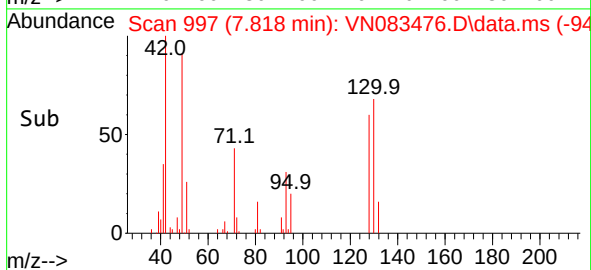
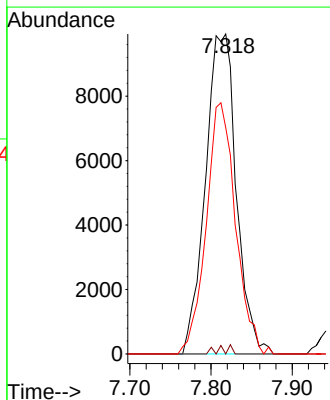
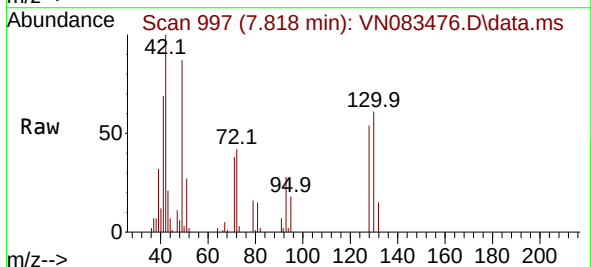
Manual Integrations
APPROVED

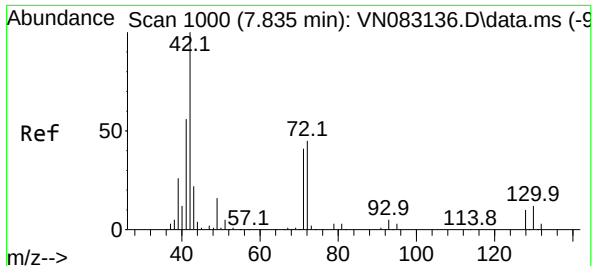
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#28
Bromochloromethane
Concen: 22.729 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

Tgt Ion: 49 Resp: 26343
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.8
130 74.4 50.5 75.7





#29

Tetrahydrofuran

Concen: 104.509 ug/l

RT: 7.842 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

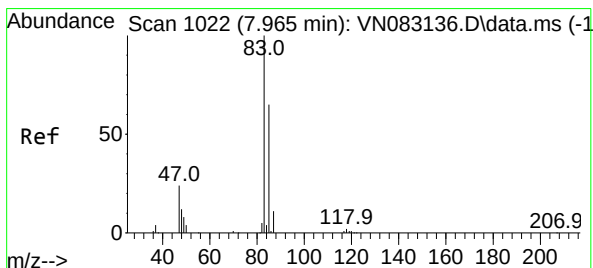
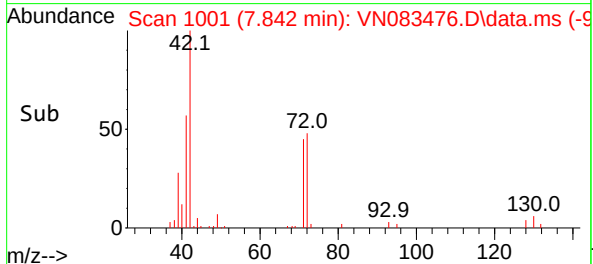
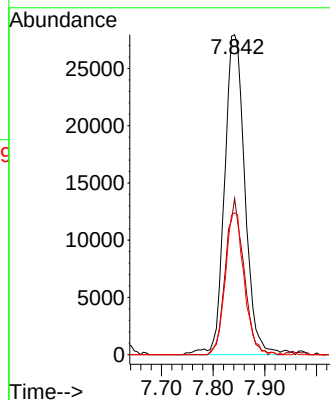
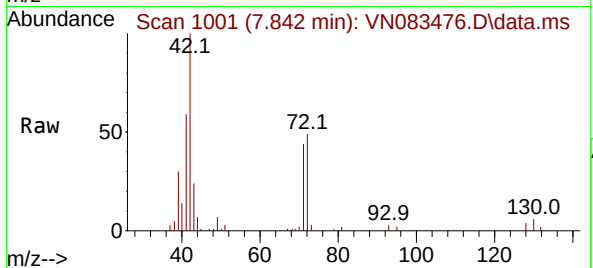
Tgt Ion: 42	Resp: 7634
Ion Ratio	Lower Upper
42	100
72	44.0 30.0 45.0
71	41.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#30

Chloroform

Concen: 21.993 ug/l

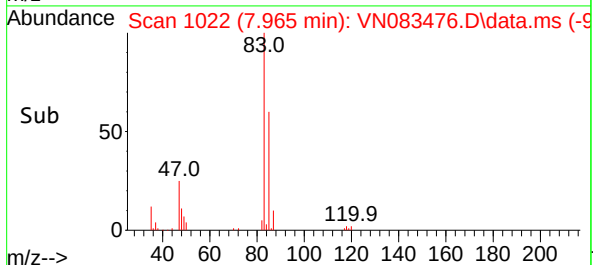
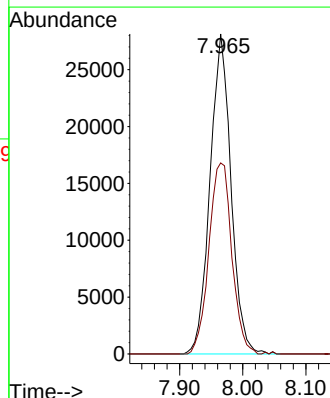
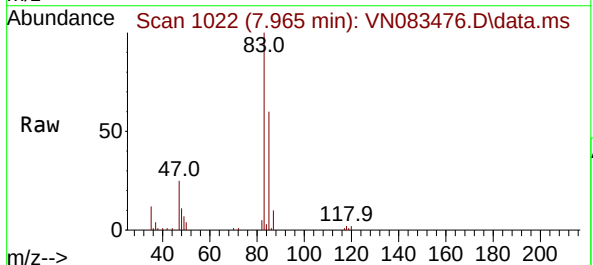
RT: 7.965 min Scan# 1022

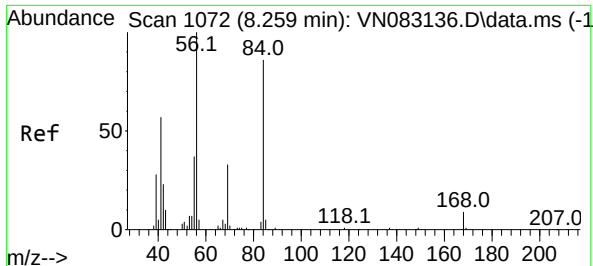
Delta R.T. 0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

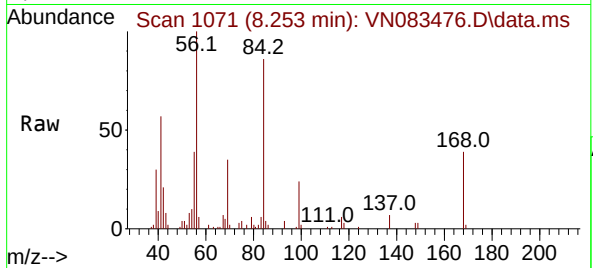
Tgt Ion: 83	Resp: 64801
Ion Ratio	Lower Upper
83	100
85	59.7 50.9 76.3





#31
Cyclohexane
Concen: 19.247 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

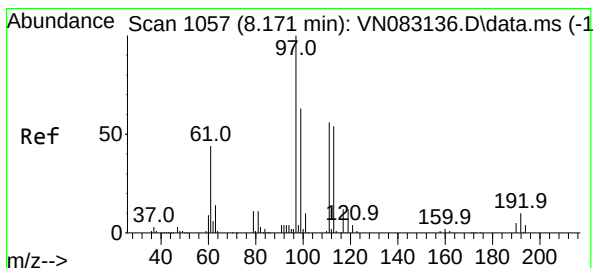
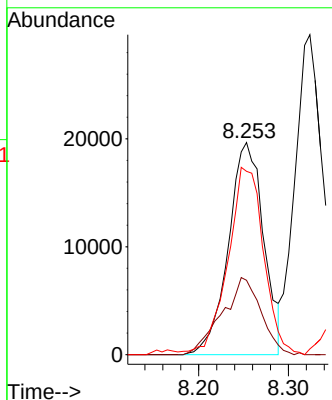
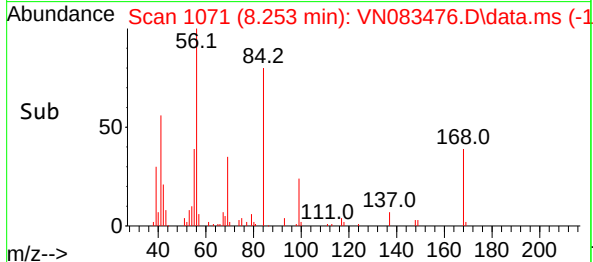
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



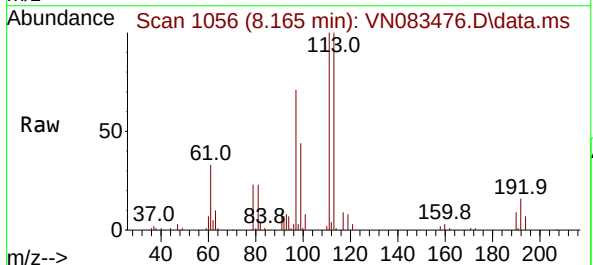
Tgt Ion: 56 Resp: 53640
Ion Ratio Lower Upper
56 100
69 35.1 24.5 36.7
84 85.1 66.0 99.0

Manual Integrations
APPROVED

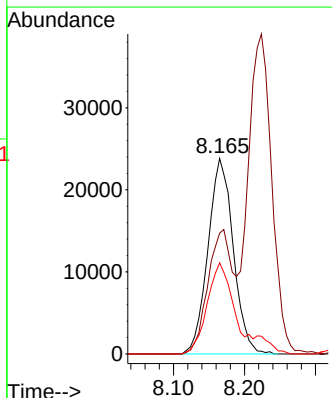
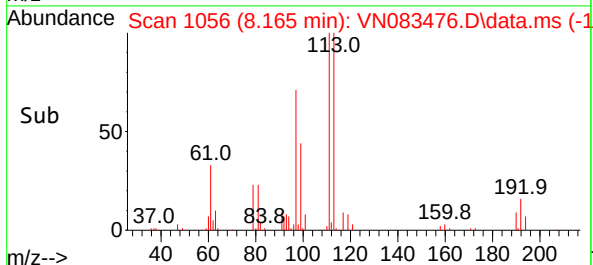
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

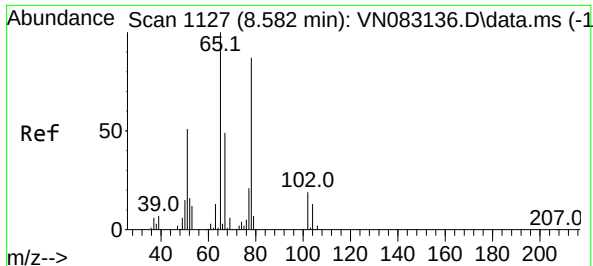


#32
1,1,1-Trichloroethane
Concen: 21.123 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



Tgt Ion: 97 Resp: 58912
Ion Ratio Lower Upper
97 100
99 62.7 52.0 78.0
61 49.0 42.1 63.1





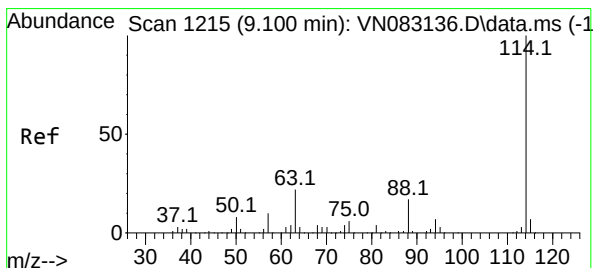
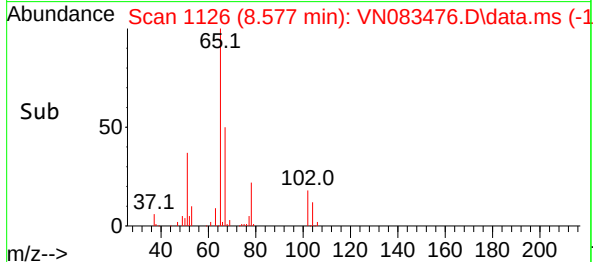
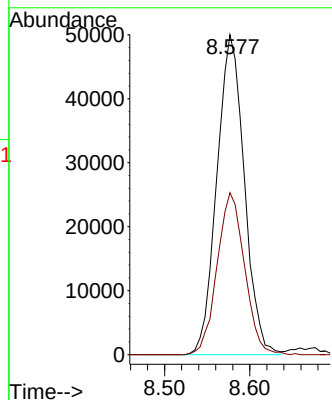
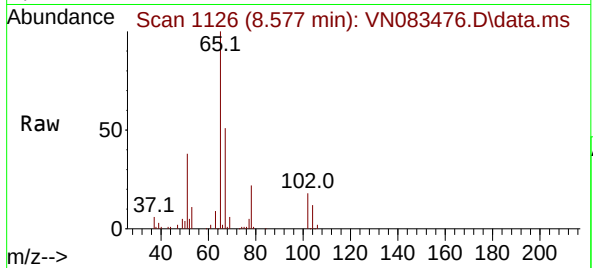
#33
1,2-Dichloroethane-d4
Concen: 59.550 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion: 65 Resp: 11200
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4

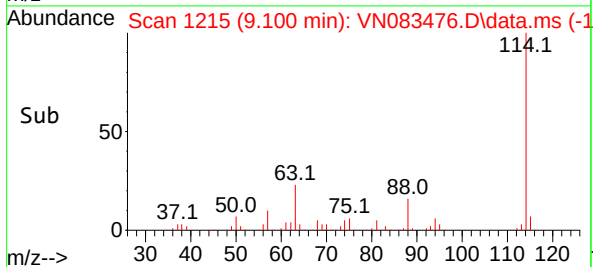
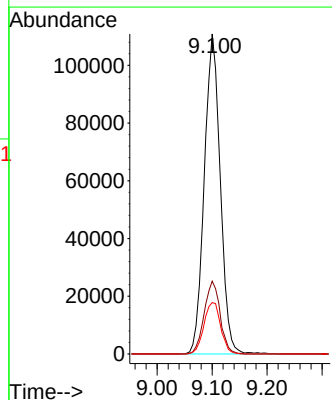
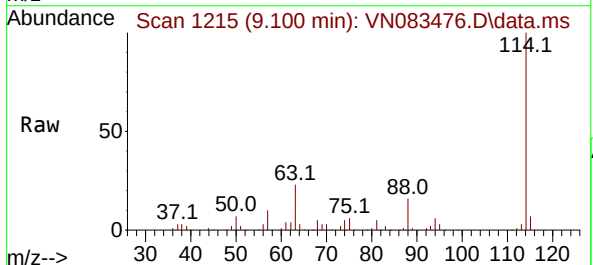
Manual Integrations
APPROVED

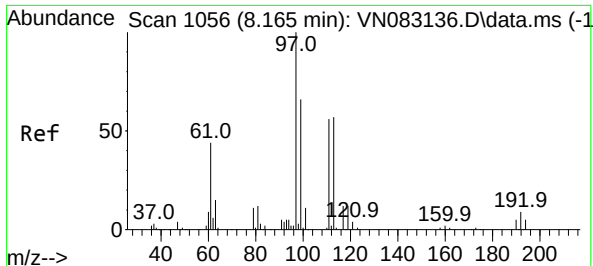
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

Tgt Ion:114 Resp: 223910
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.6
88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 57.693 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

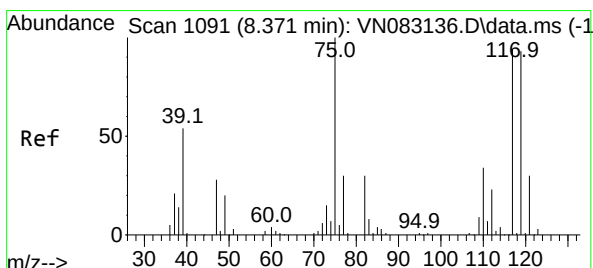
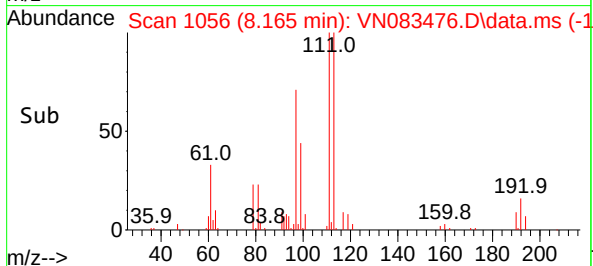
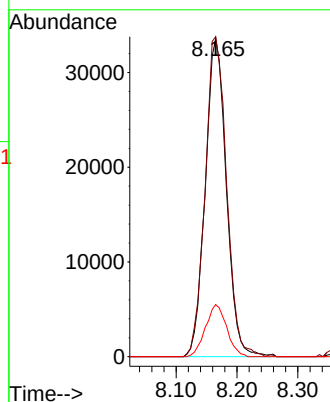
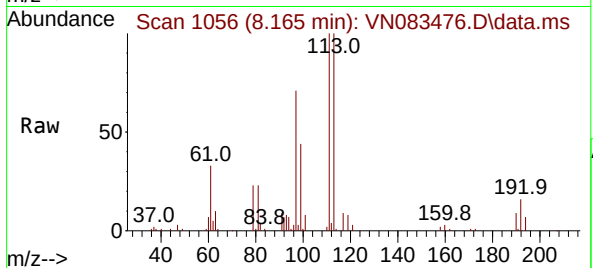
Tgt Ion:	113	Resp:	8063
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.4	123.6
192	16.5	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#36

1,1-Dichloropropene

Concen: 20.329 ug/l

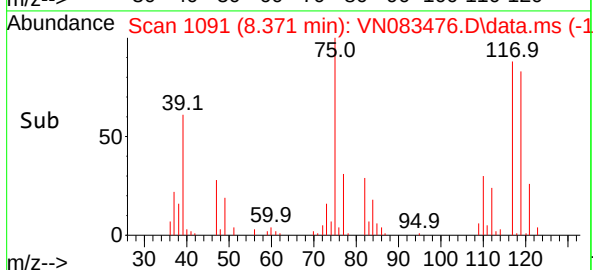
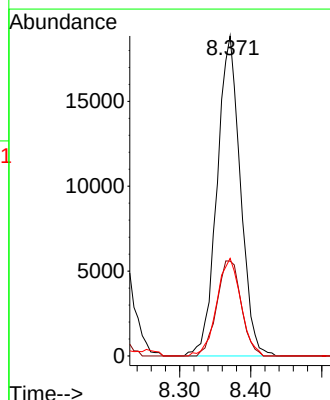
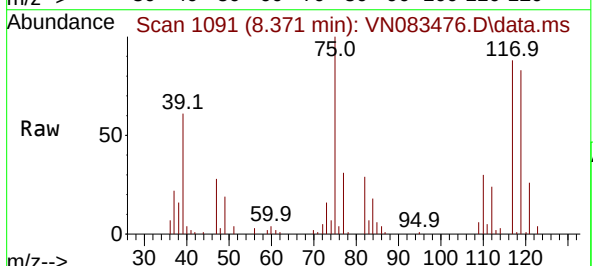
RT: 8.371 min Scan# 1091

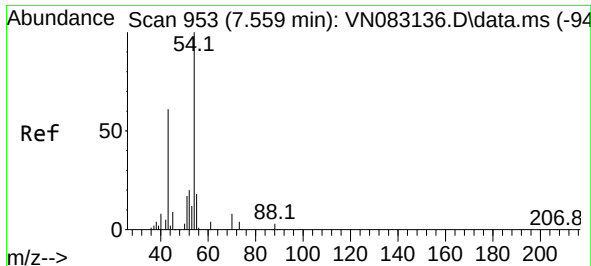
Delta R.T. 0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Tgt Ion:	75	Resp:	42979
Ion Ratio	Lower	Upper	
75	100		
110	31.0	16.3	48.9
77	31.5	24.6	37.0





#37

Ethyl Acetate

Concen: 19.839 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN083476.D

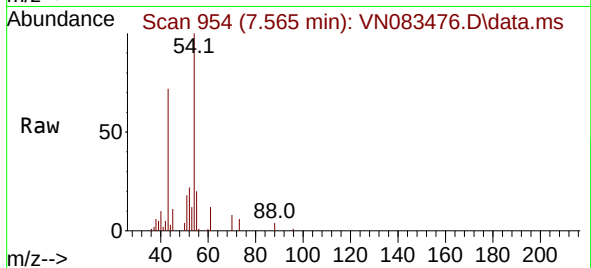
Acq: 26 Aug 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02



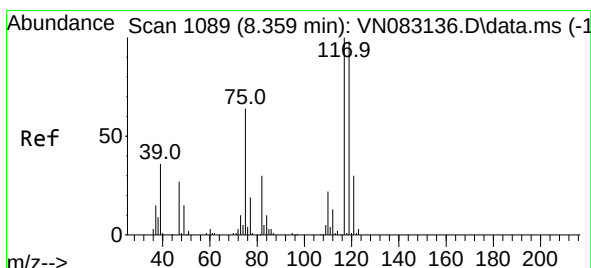
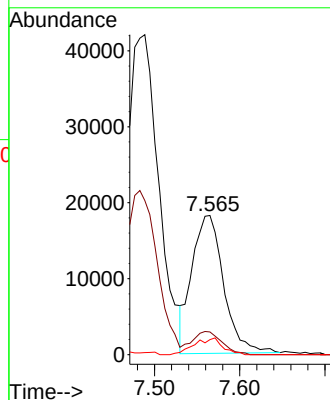
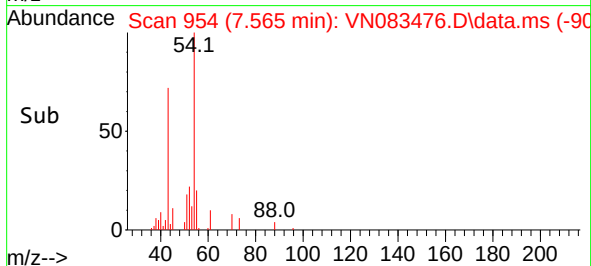
Tgt Ion:	43	Resp:	4696
Ion	Ratio	Lower	Upper
43	100		
61	14.9	9.3	13.9
70	10.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#38

Carbon Tetrachloride

Concen: 21.664 ug/l

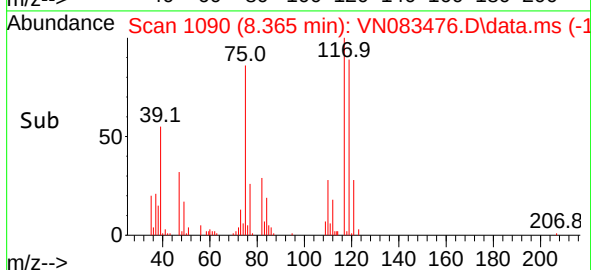
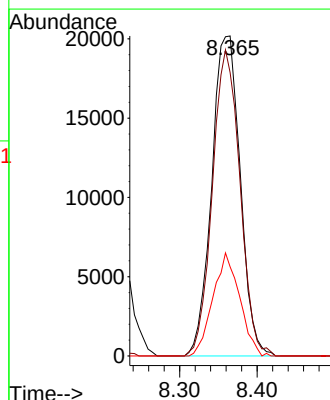
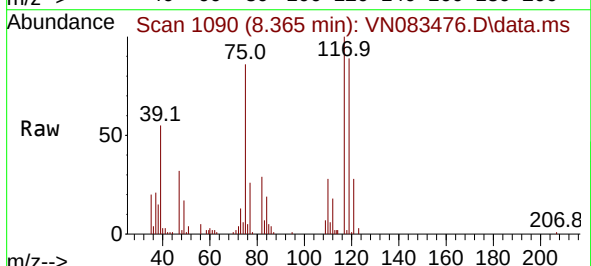
RT: 8.365 min Scan# 1090

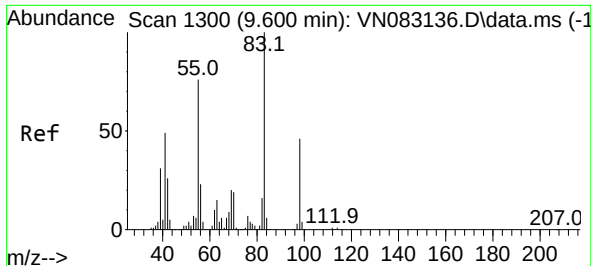
Delta R.T. 0.006 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Tgt Ion:	117	Resp:	51588
Ion	Ratio	Lower	Upper
117	100		
119	88.5	74.9	112.3
121	27.9	24.3	36.5





#39

Methylcyclohexane

Concen: 19.510 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

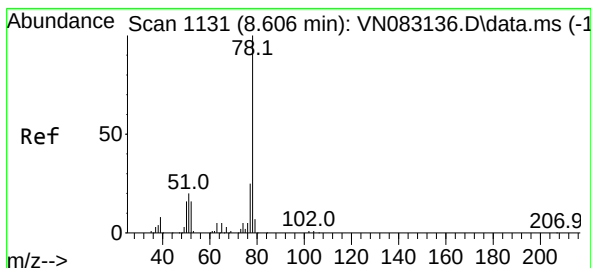
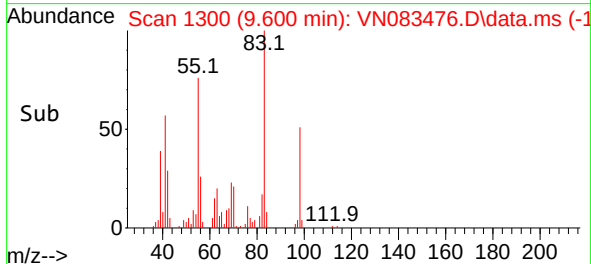
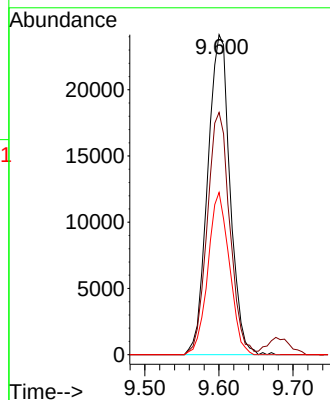
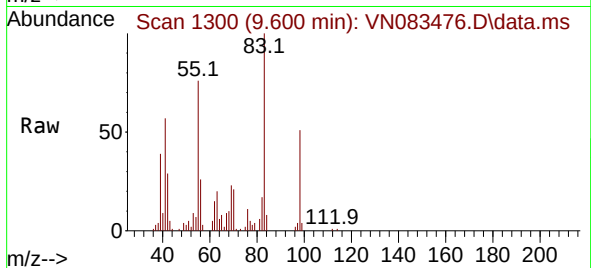
Tgt Ion:	83	Resp:	50664
Ion Ratio	Lower	Upper	
83	100		
55	75.7	66.4	99.6
98	50.7	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#40

Benzene

Concen: 21.718 ug/l

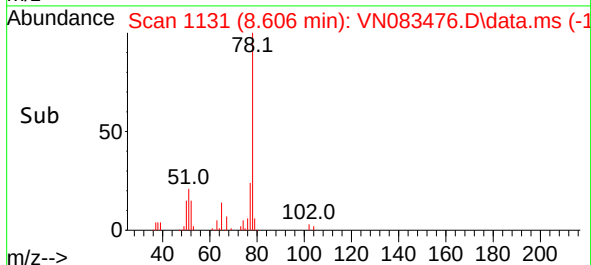
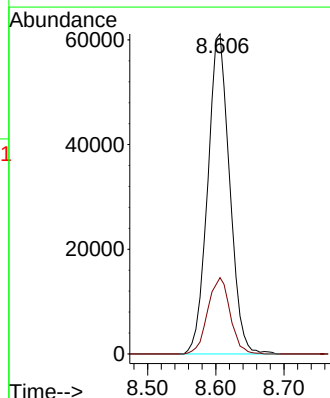
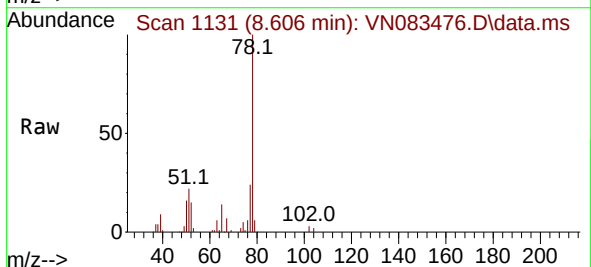
RT: 8.606 min Scan# 1131

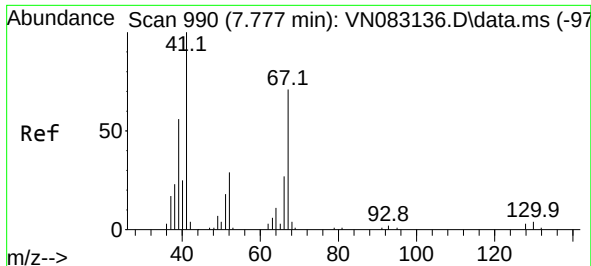
Delta R.T. 0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

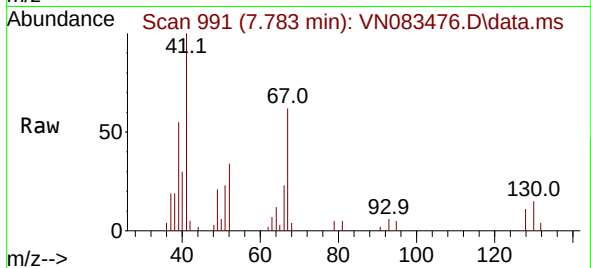
Tgt Ion:	78	Resp:	136784
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.0	28.4





#41
Methacrylonitrile
Concen: 19.759 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

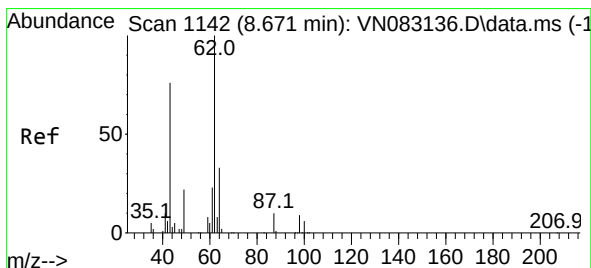
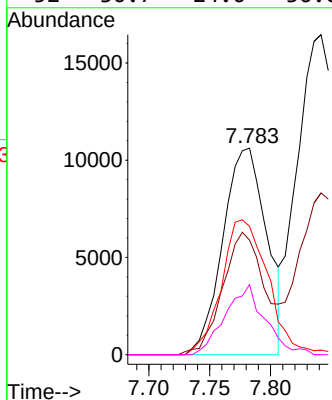
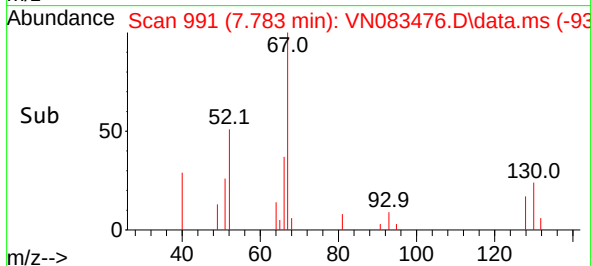
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 41 Resp: 26594
Ion Ratio Lower Upper
41 100
39 56.7 45.5 68.3
67 69.6 50.5 75.7
52 30.7 24.0 36.0

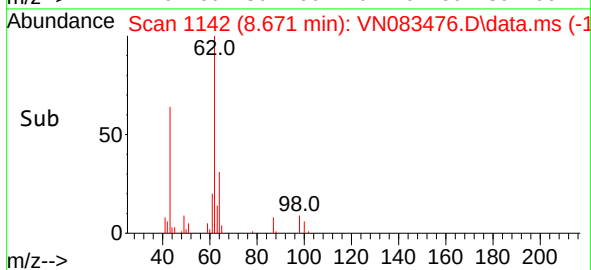
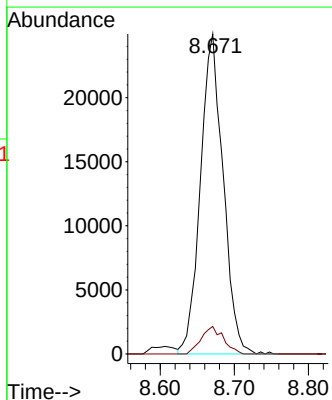
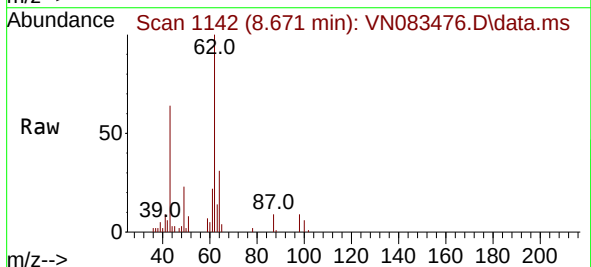
Manual Integrations
APPROVED

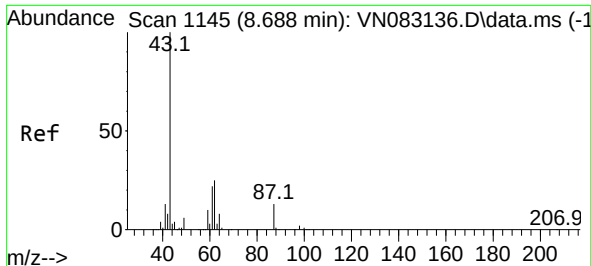
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#42
1,2-Dichloroethane
Concen: 23.190 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

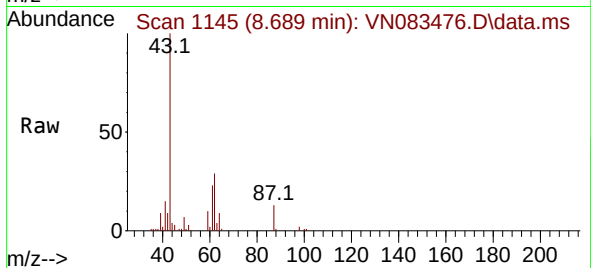
Tgt Ion: 62 Resp: 53206
Ion Ratio Lower Upper
62 100
98 8.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.285 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

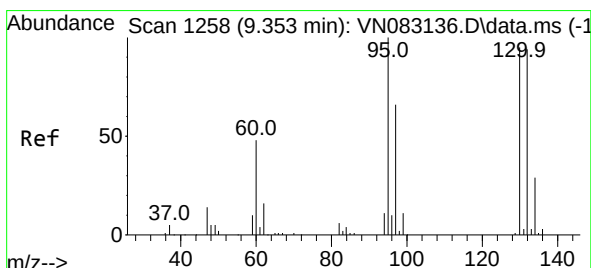
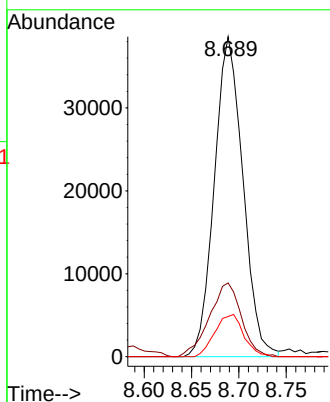
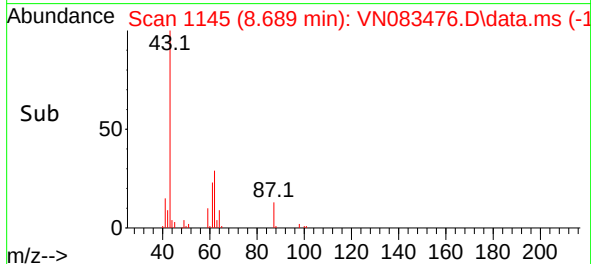
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



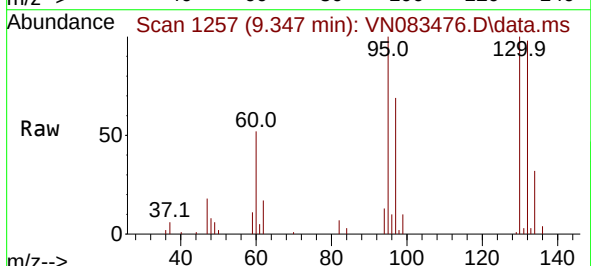
Tgt Ion: 43 Resp: 80915
Ion Ratio Lower Upper
43 100
61 25.7 17.8 26.6
87 13.3 8.2 12.2

Manual Integrations
APPROVED

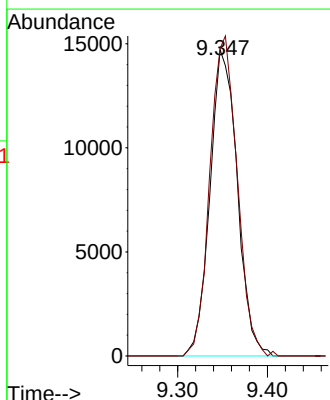
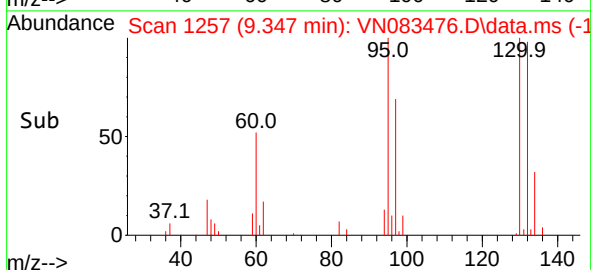
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

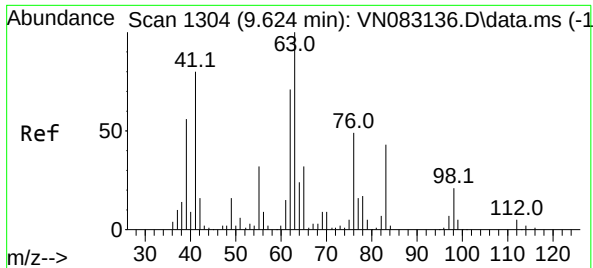


#44
Trichloroethene
Concen: 20.721 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



Tgt Ion:130 Resp: 31063
Ion Ratio Lower Upper
130 100
95 100.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 22.181 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

Tgt Ion: 63 Resp: 3316

Ion Ratio Lower Upper

63 100

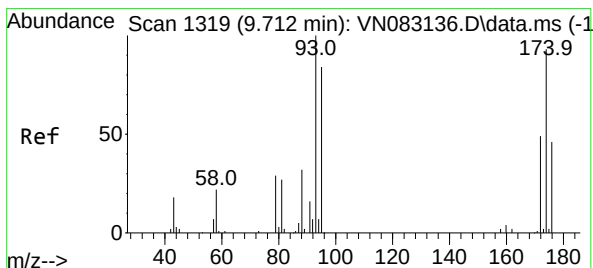
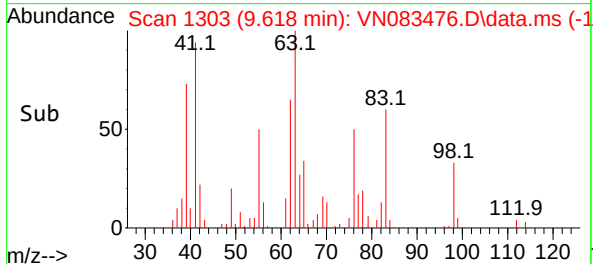
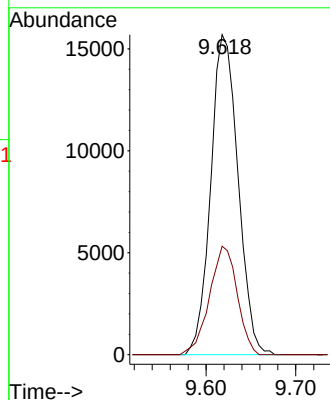
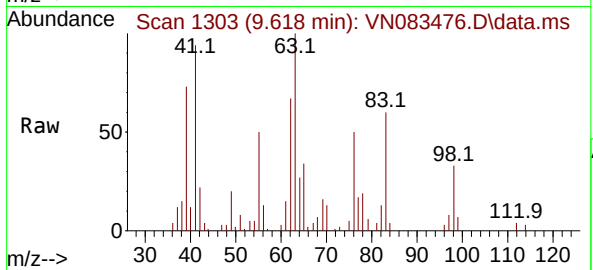
65 33.9 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#46

Dibromomethane

Concen: 22.483 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

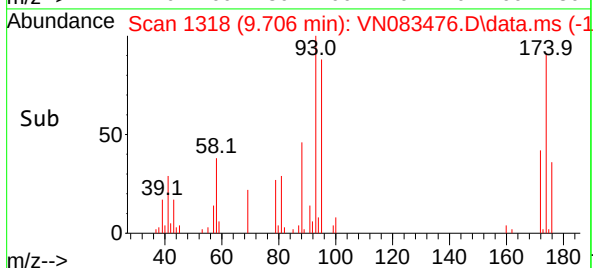
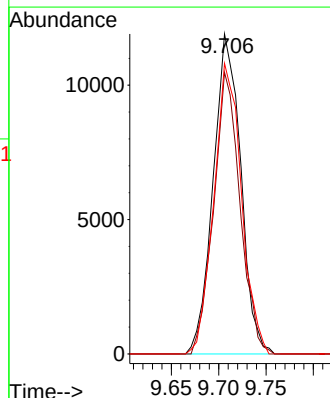
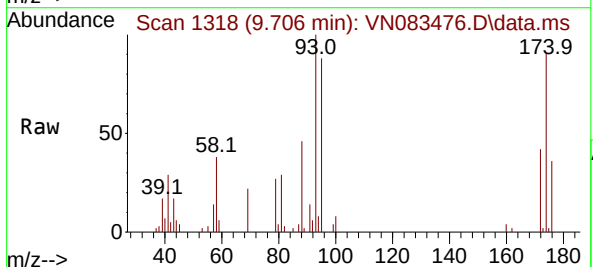
Tgt Ion: 93 Resp: 24059

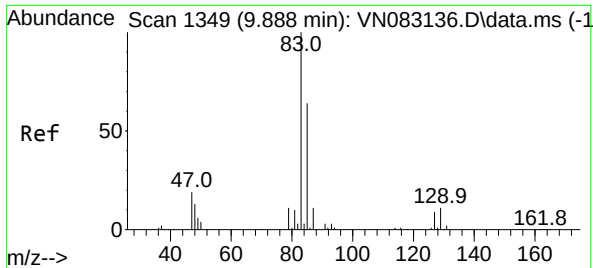
Ion Ratio Lower Upper

93 100

95 84.4 65.8 98.6

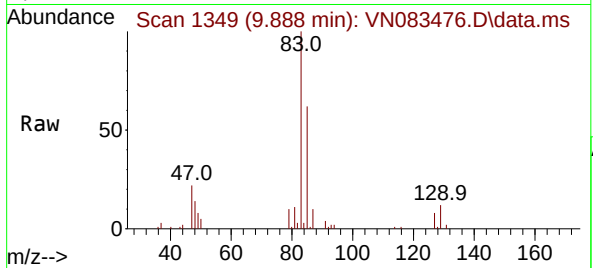
174 91.2 71.7 107.5





#47
Bromodichloromethane
Concen: 21.727 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

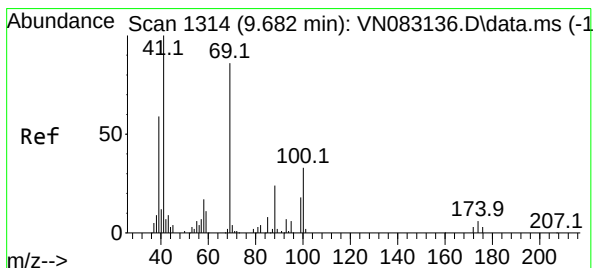
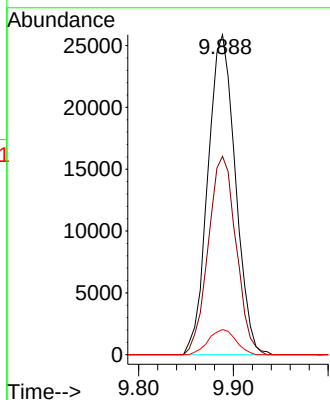
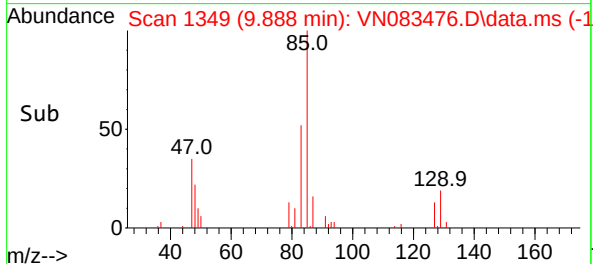
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



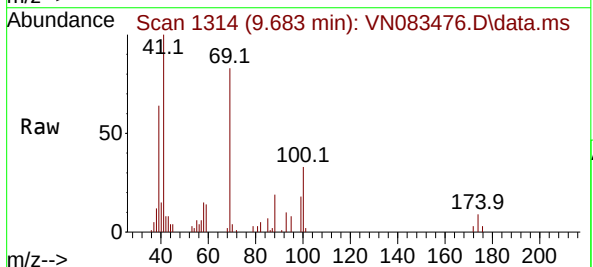
Tgt Ion: 83 Resp: 52204
Ion Ratio Lower Upper
83 100
85 62.0 51.1 76.7
127 7.9 7.2 10.8

Manual Integrations
APPROVED

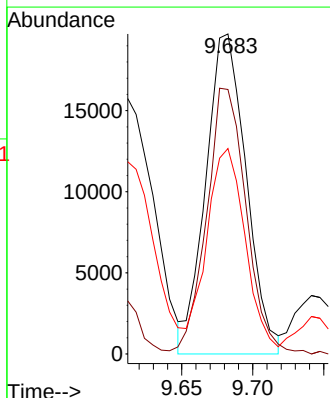
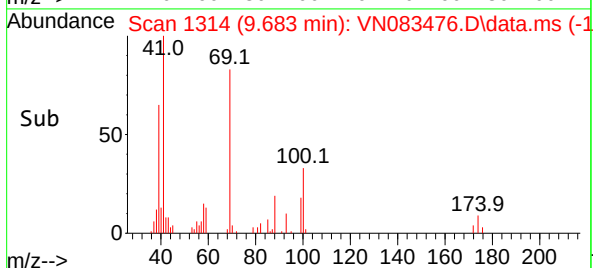
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

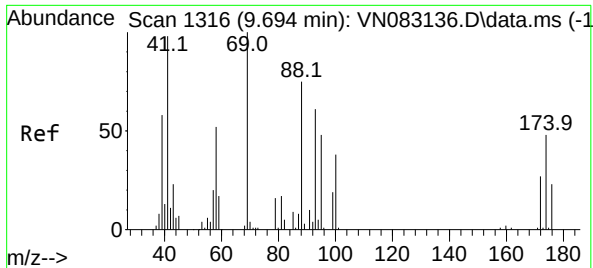


#48
Methyl methacrylate
Concen: 19.991 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



Tgt Ion: 41 Resp: 39123
Ion Ratio Lower Upper
41 100
69 81.4 56.3 84.5
39 61.3 50.3 75.5





#49

1,4-Dioxane

Concen: 404.733 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

Tgt Ion: 88 Resp: 14290

Ion Ratio Lower Upper

88 100

43 30.7 27.8 41.8

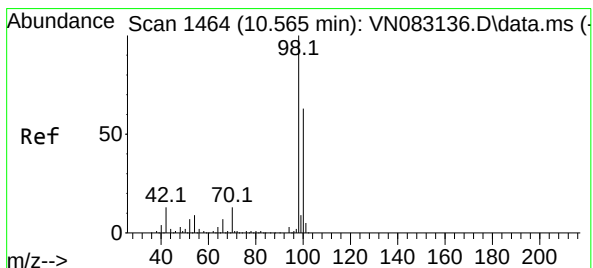
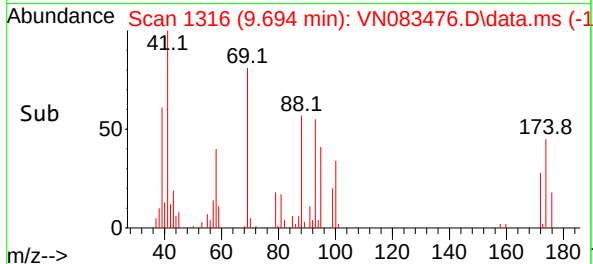
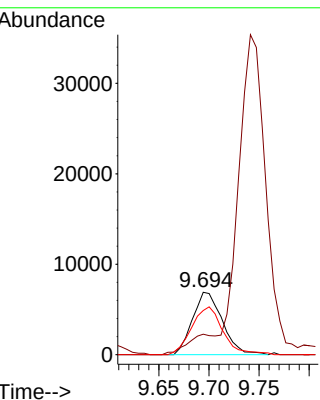
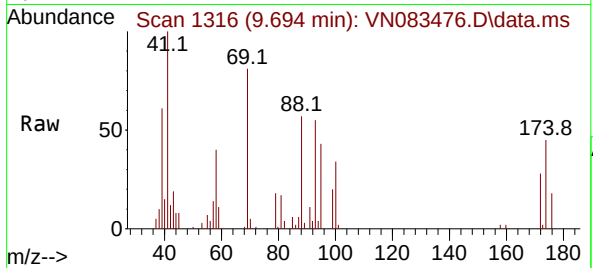
58 80.5 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#50

Toluene-d8

Concen: 54.628 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083476.D

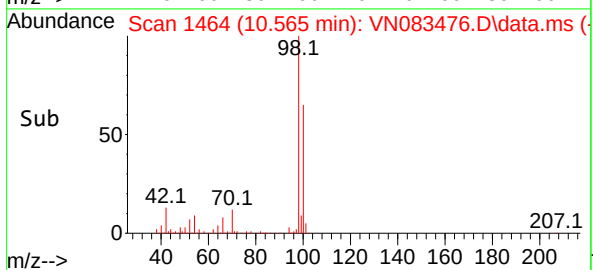
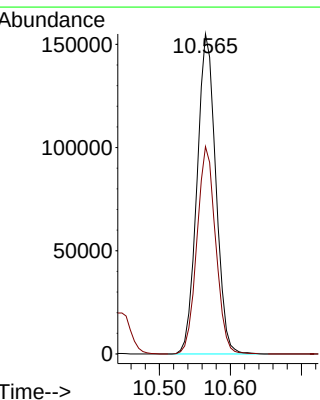
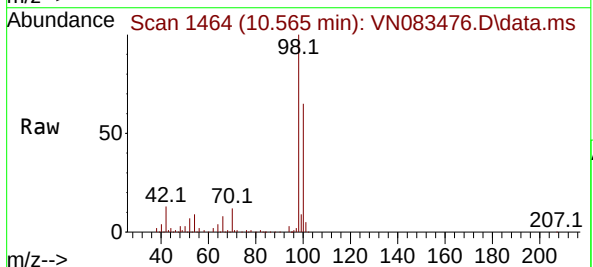
Acq: 26 Aug 2024 12:31

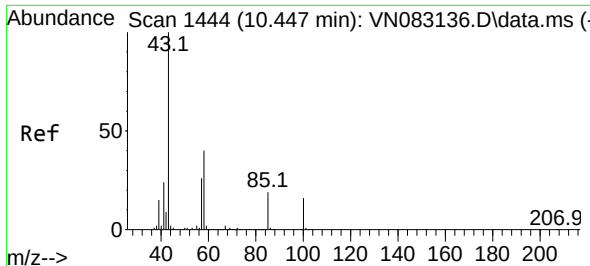
Tgt Ion: 98 Resp: 284798

Ion Ratio Lower Upper

98 100

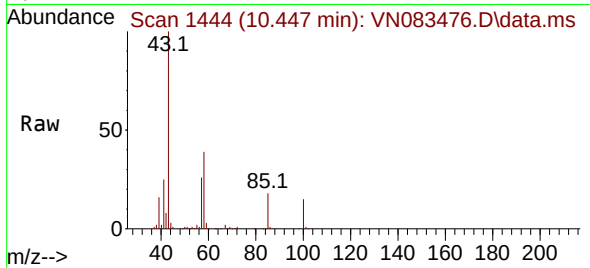
100 64.6 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 106.778 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

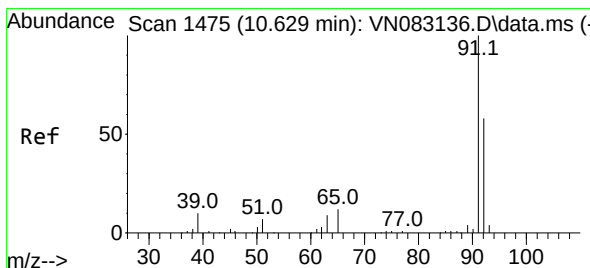
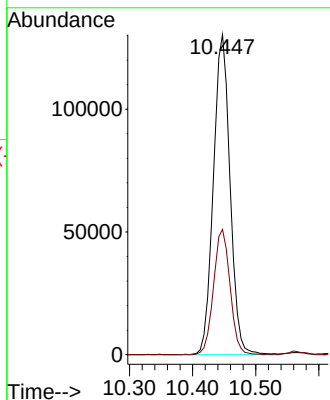
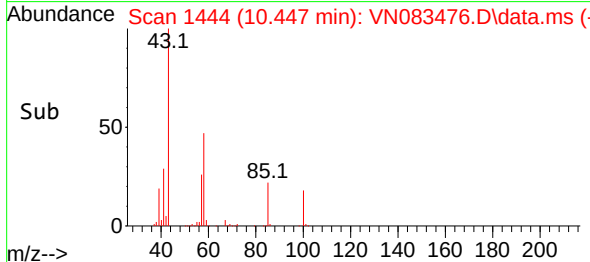
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



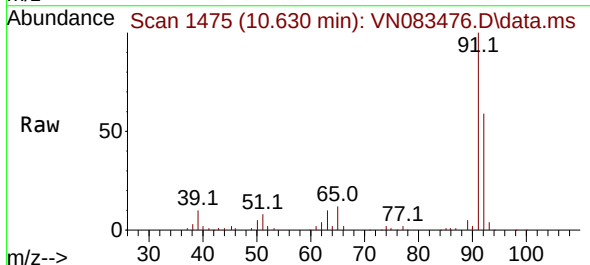
Tgt Ion: 43 Resp: 23902
Ion Ratio Lower Upper
43 100
58 38.8 28.2 42.4

Manual Integrations
APPROVED

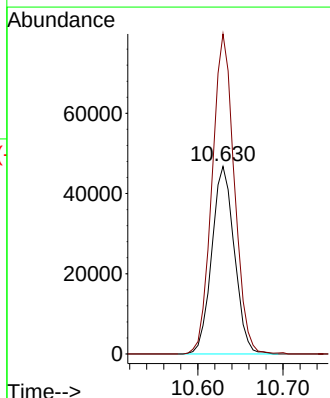
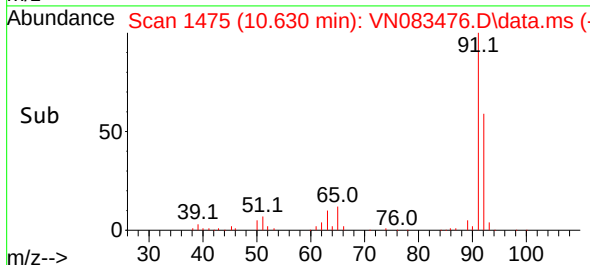
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

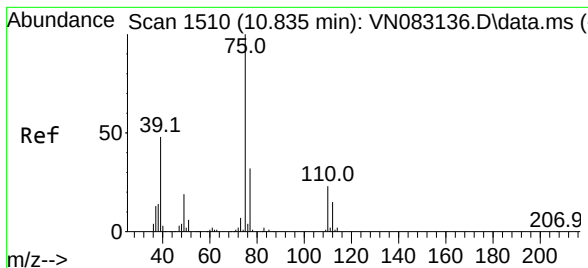


#52
Toluene
Concen: 21.590 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



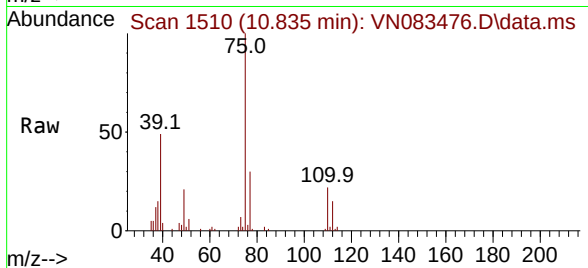
Tgt Ion: 92 Resp: 85917
Ion Ratio Lower Upper
92 100
91 168.5 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 21.346 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

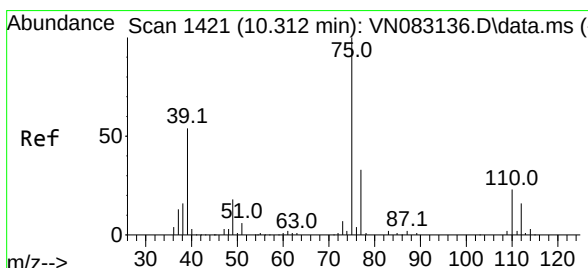
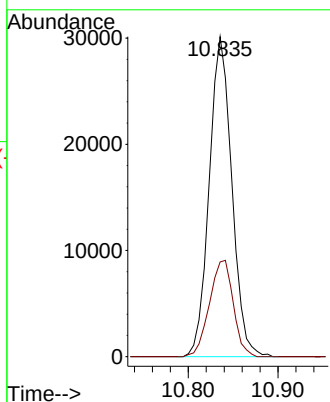
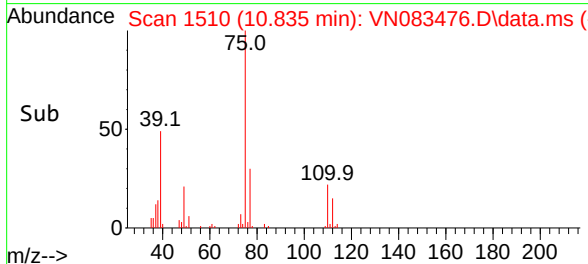
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 75 Resp: 5268
Ion Ratio Lower Upper
75 100
77 29.6 25.7 38.5

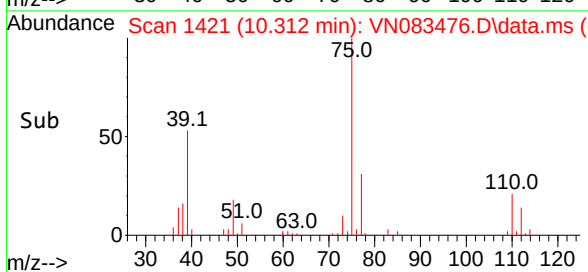
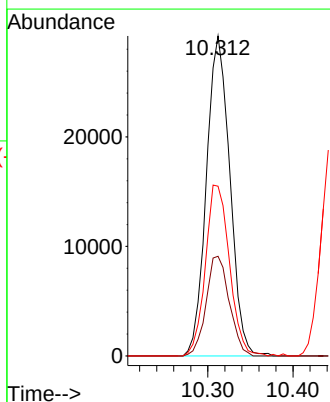
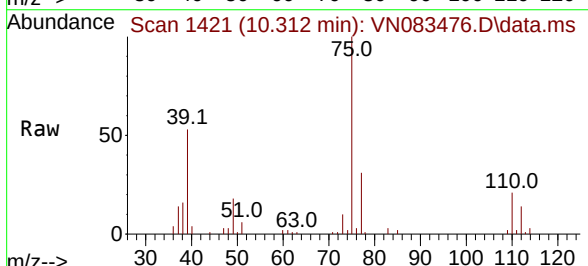
Manual Integrations
APPROVED

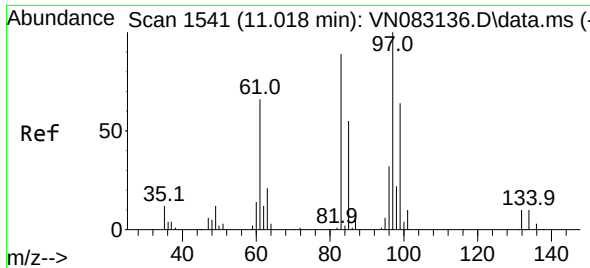
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#54
cis-1,3-Dichloropropene
Concen: 21.302 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

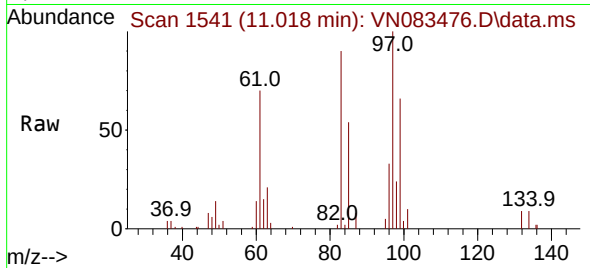
Tgt Ion: 75 Resp: 55921
Ion Ratio Lower Upper
75 100
77 31.2 24.3 36.5
39 53.1 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 22.927 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

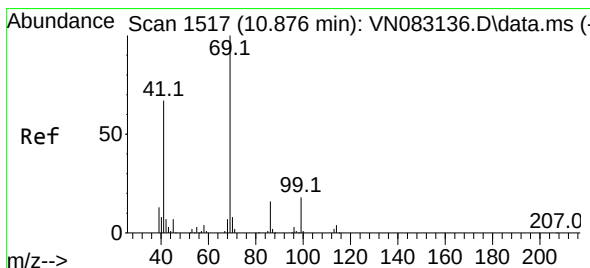
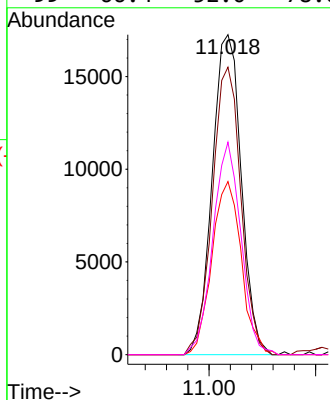
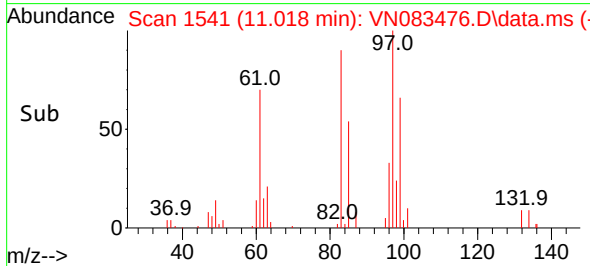
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



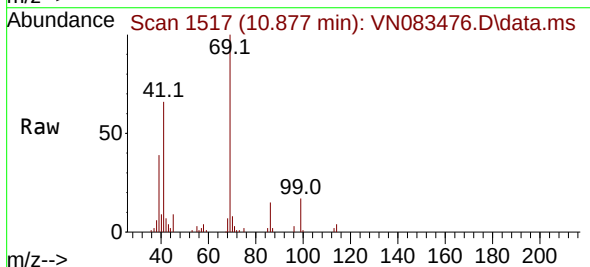
Tgt Ion:	97	Resp:	32690
Ion Ratio	100	Lower	Upper
97	100		
83	89.9	71.4	107.0
85	54.1	45.8	68.6
99	66.4	52.0	78.0

Manual Integrations
APPROVED

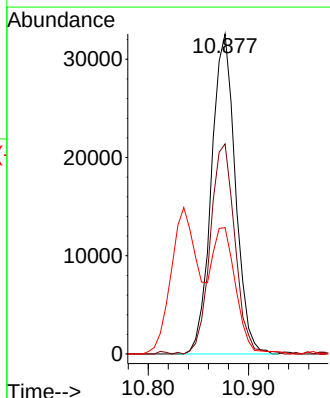
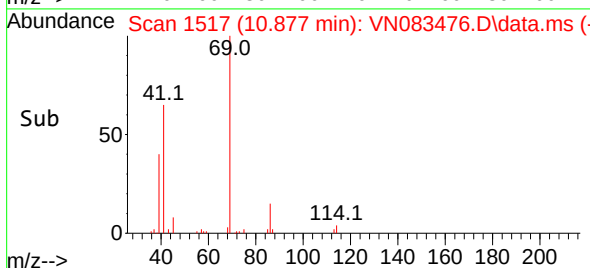
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

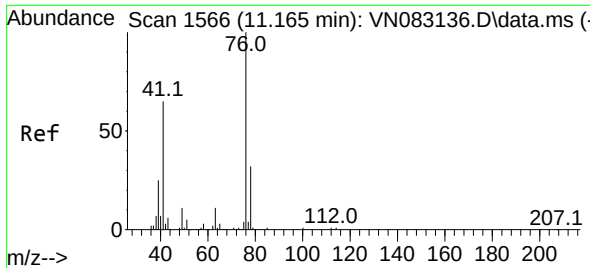


#56
Ethyl methacrylate
Concen: 20.121 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



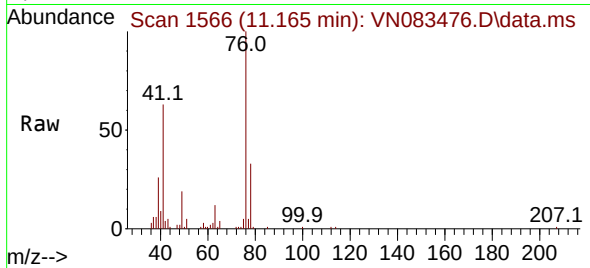
Tgt Ion:	69	Resp:	54094
Ion Ratio	100	Lower	Upper
69	100		
41	67.7	63.4	95.2
39	37.8	37.4	56.0





#57
1,3-Dichloropropane
Concen: 22.531 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

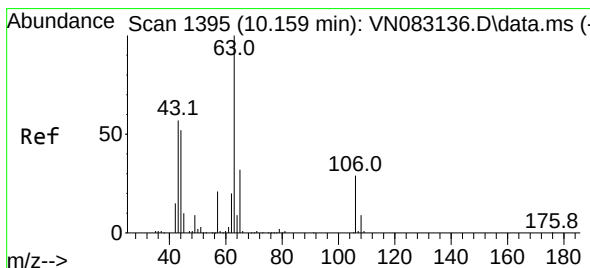
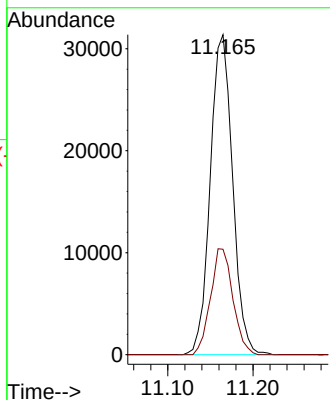
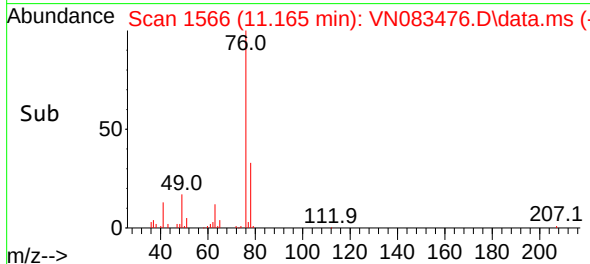
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 76 Resp: 5727
Ion Ratio Lower Upper
76 100
78 33.1 25.6 38.4

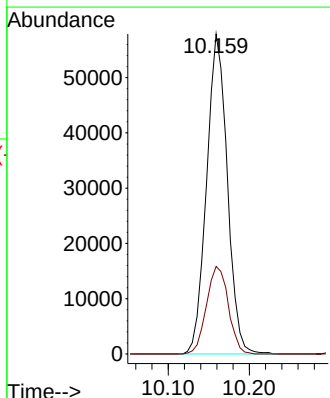
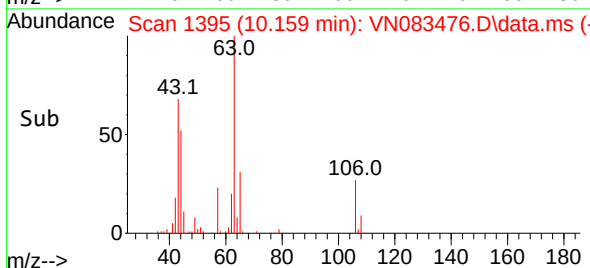
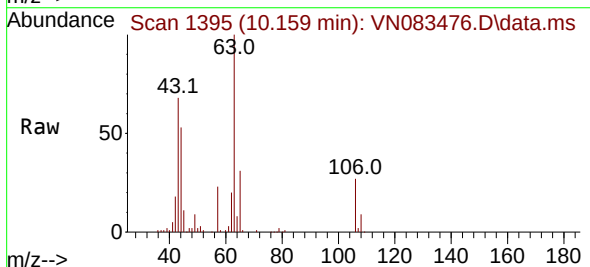
Manual Integrations
APPROVED

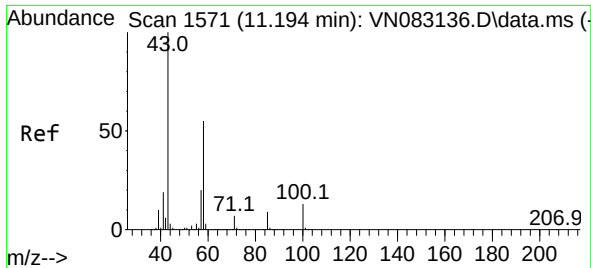
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#58
2-Chloroethyl Vinyl ether
Concen: 90.257 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

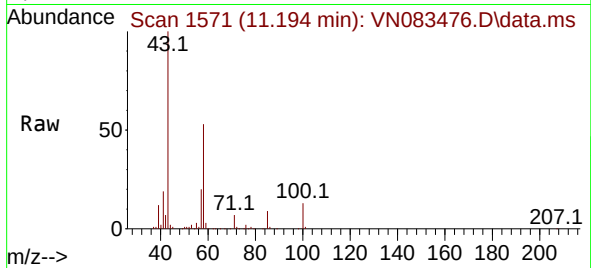
Tgt Ion: 63 Resp: 102570
Ion Ratio Lower Upper
63 100
106 28.8 21.4 32.0





#59
2-Hexanone
Concen: 101.499 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

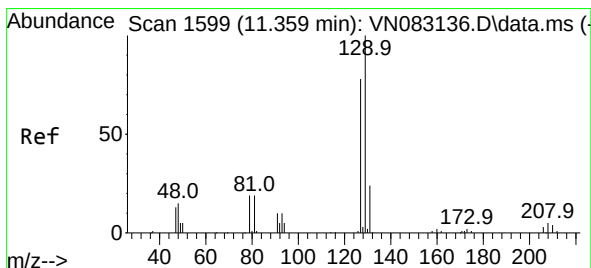
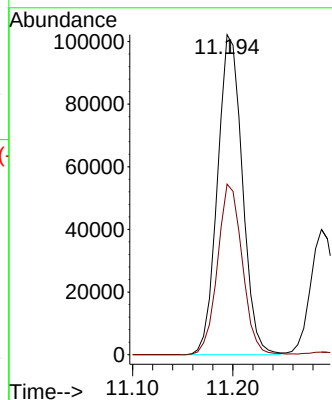
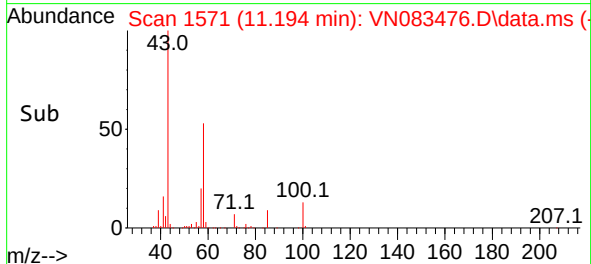
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion: 43 Resp: 175774
Ion Ratio Lower Upper
43 100
58 53.1 24.6 73.8

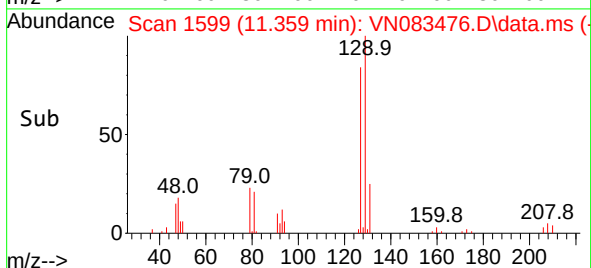
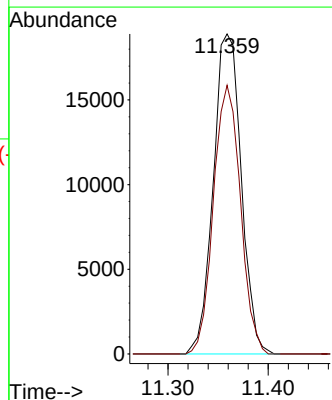
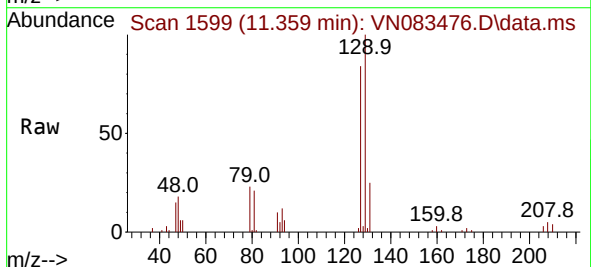
Manual Integrations
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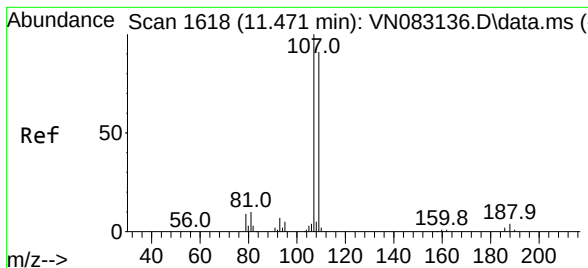
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#60
Dibromochloromethane
Concen: 21.247 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

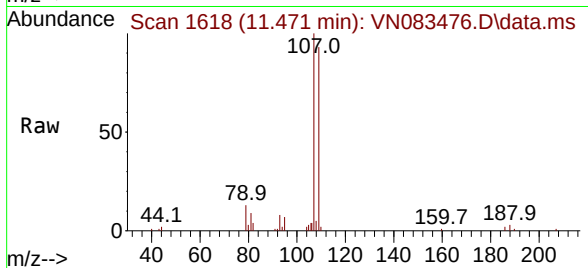
Tgt Ion:129 Resp: 36635
Ion Ratio Lower Upper
129 100
127 81.1 39.2 117.6





#61
1,2-Dibromoethane
Concen: 21.679 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

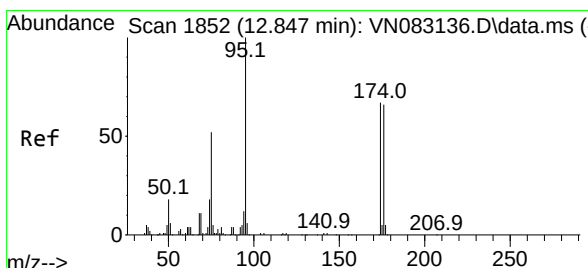
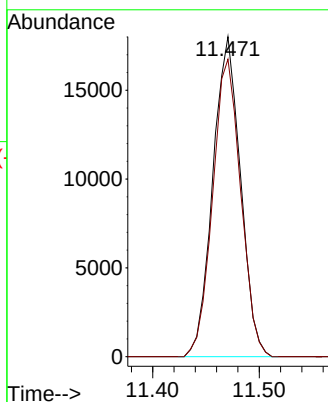
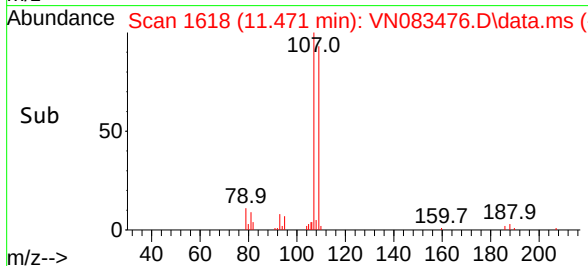
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



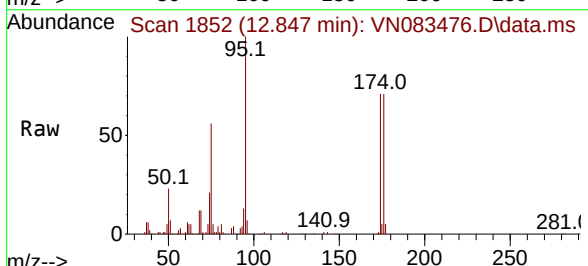
Tgt Ion:107 Resp: 32478
Ion Ratio Lower Upper
107 100
109 94.3 73.7 110.5

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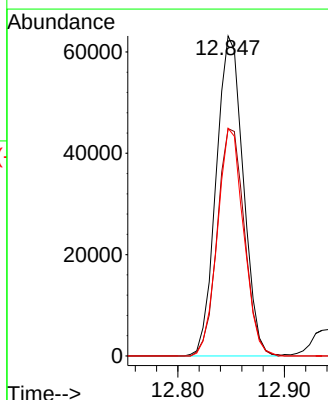
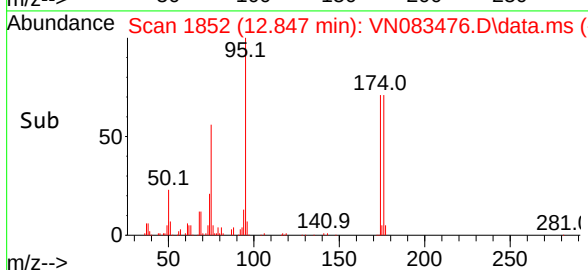
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

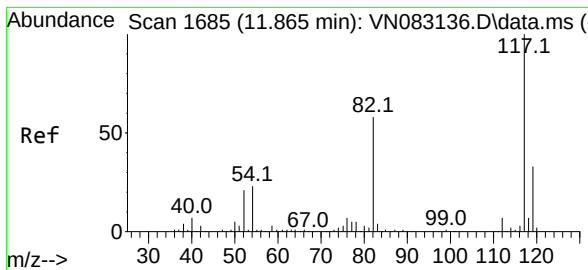


#62
4-Bromofluorobenzene
Concen: 54.772 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



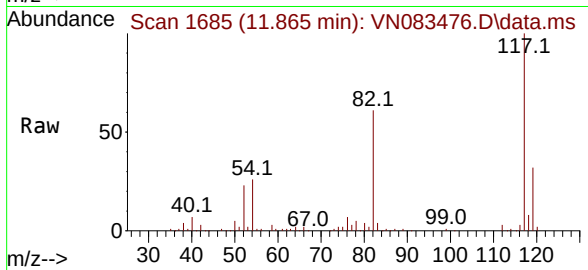
Tgt Ion: 95 Resp: 111323
Ion Ratio Lower Upper
95 100
174 71.2 0.0 159.2
176 68.9 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

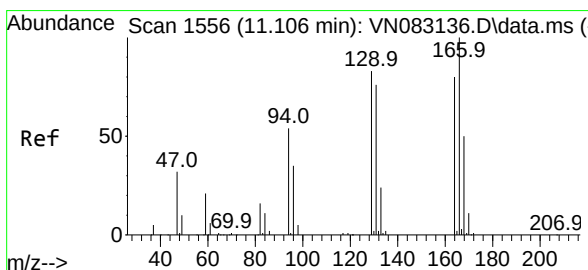
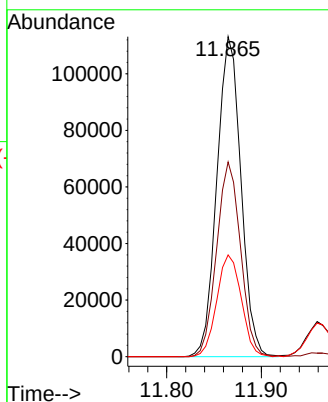
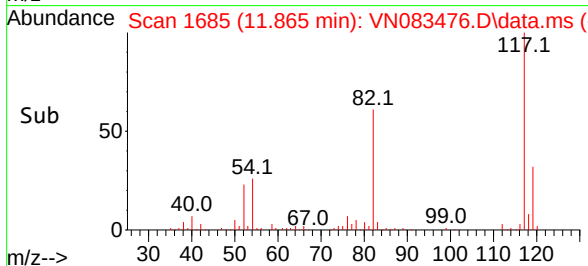
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion:117 Resp: 199889
Ion Ratio Lower Upper
117 100
82 60.8 47.5 71.3
119 31.8 25.6 38.4

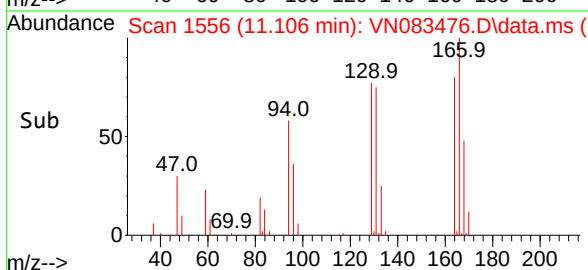
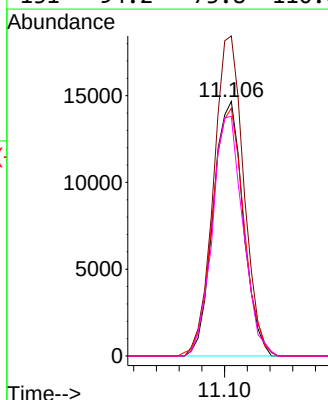
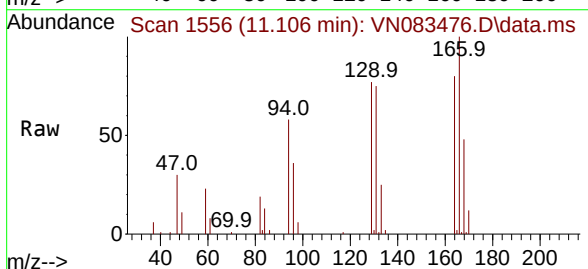
Manual Integrations
APPROVED

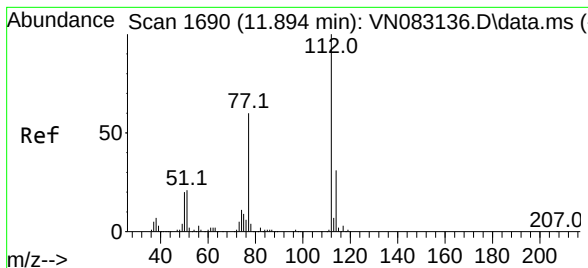
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#64
Tetrachloroethene
Concen: 20.328 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

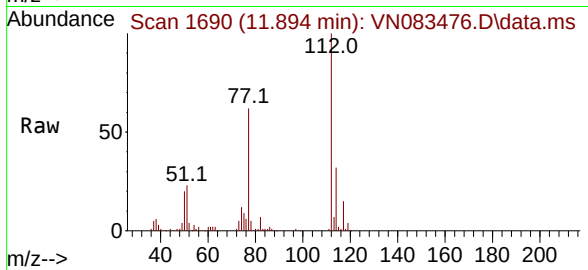
Tgt Ion:164 Resp: 26911
Ion Ratio Lower Upper
164 100
166 125.7 101.4 152.0
129 97.4 75.7 113.5
131 94.2 73.8 110.6





#65
Chlorobenzene
Concen: 20.683 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

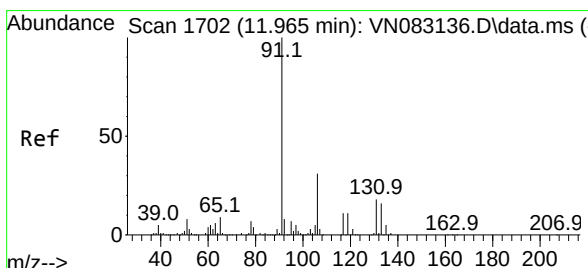
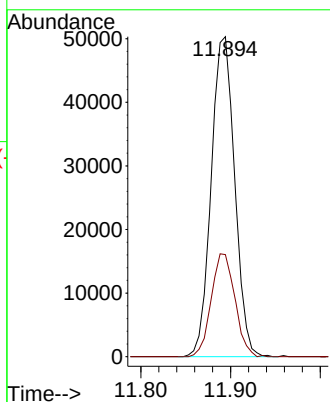
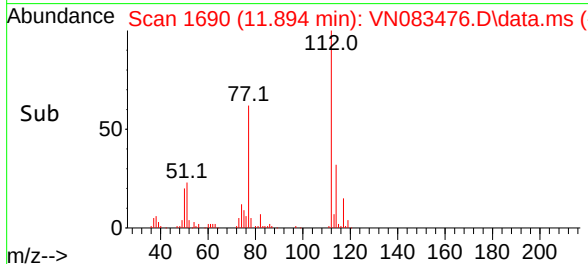
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



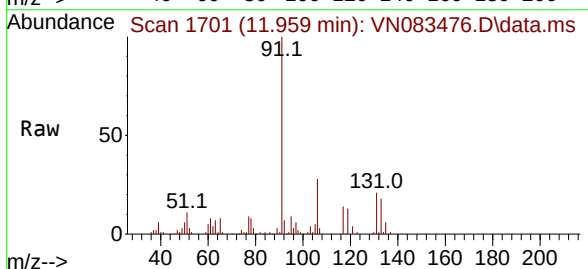
Tgt Ion:112 Resp: 91364
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

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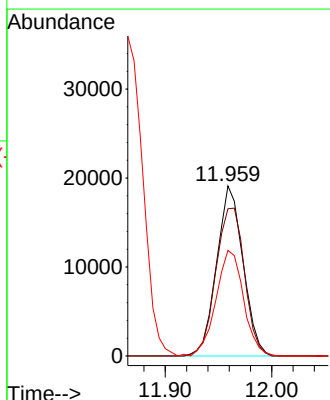
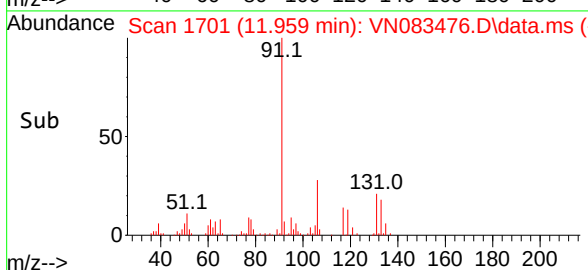
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

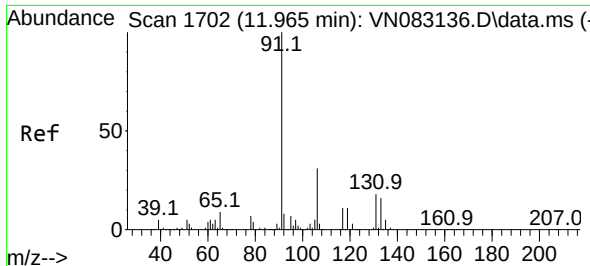


#66
1,1,1,2-Tetrachloroethane
Concen: 21.134 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



Tgt Ion:131 Resp: 32924
Ion Ratio Lower Upper
131 100
133 94.1 47.3 142.0
119 64.9 32.5 97.4





#67

Ethyl Benzene

Concen: 20.024 ug/l

RT: 11.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

Tgt Ion: 91 Resp: 162264

Ion Ratio Lower Upper

91 100

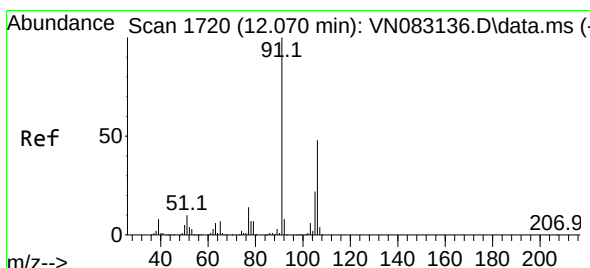
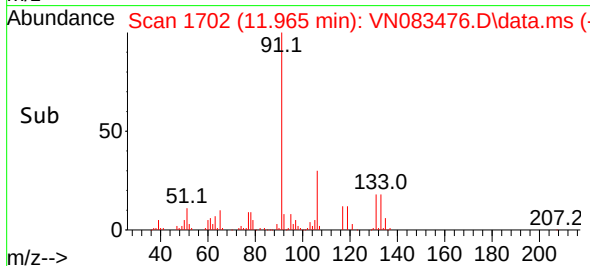
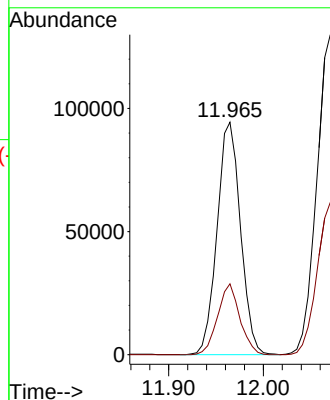
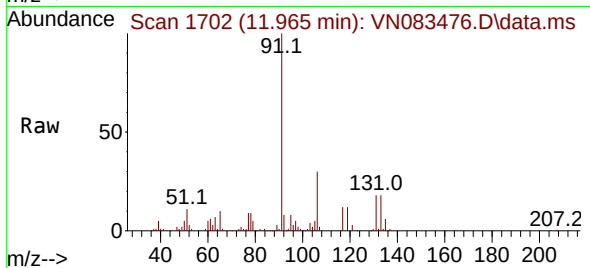
106 30.5 24.0 36.0

Manual Integrations

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Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#68

m/p-Xylenes

Concen: 39.789 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN083476.D

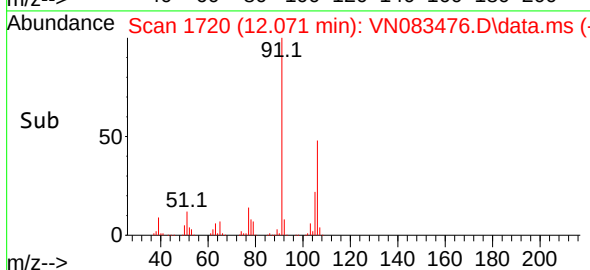
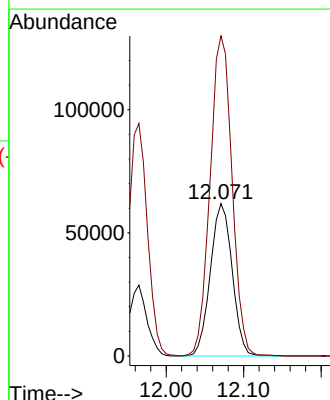
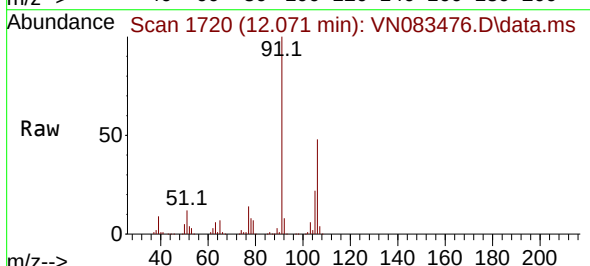
Acq: 26 Aug 2024 12:31

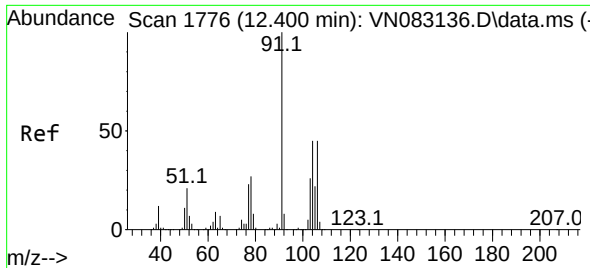
Tgt Ion:106 Resp: 120779

Ion Ratio Lower Upper

106 100

91 212.0 166.1 249.1





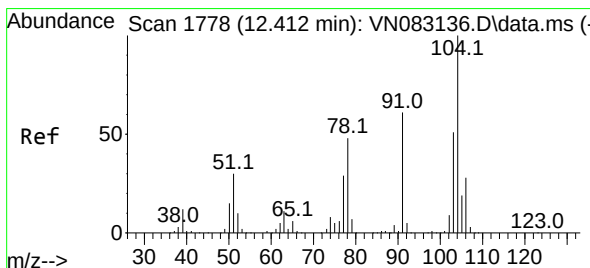
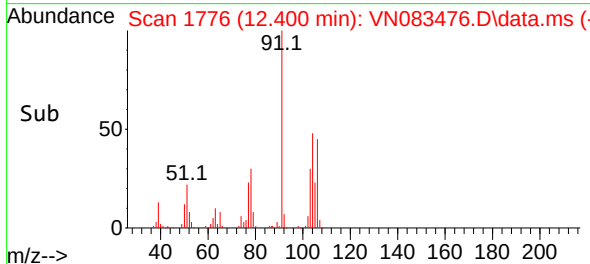
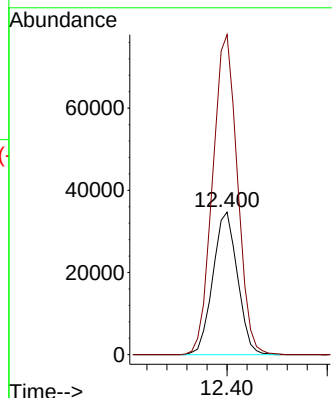
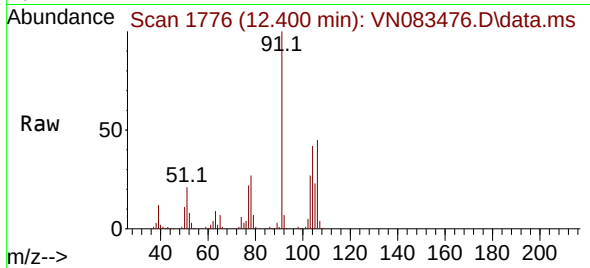
#69
o-Xylene
Concen: 19.740 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02

Tgt Ion:106 Resp: 59098
Ion Ratio Lower Upper
106 100
91 226.4 111.3 333.9

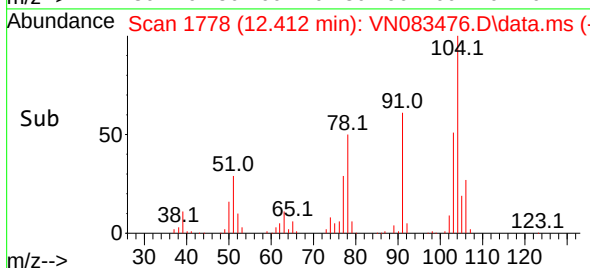
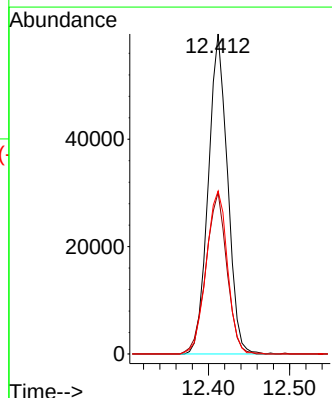
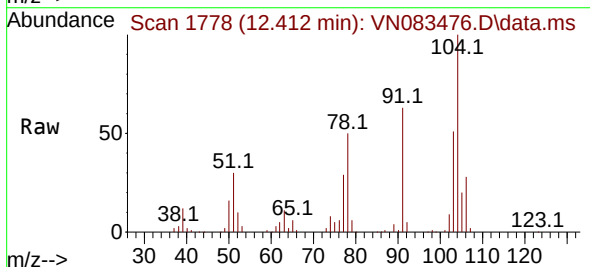
Manual Integrations
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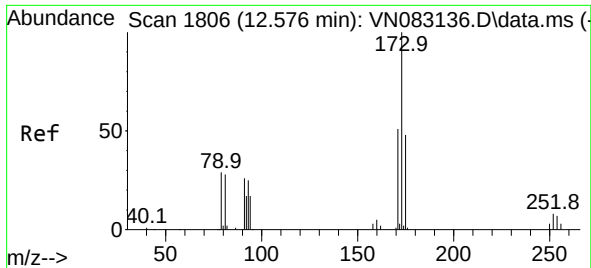
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#70
Styrene
Concen: 19.523 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

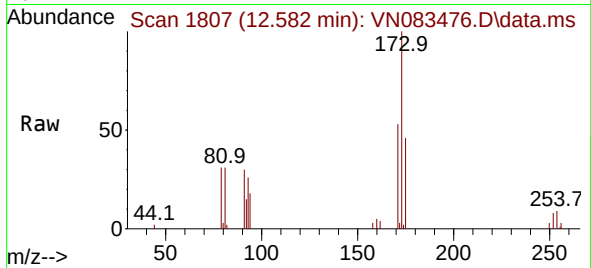
Tgt Ion:104 Resp: 98164
Ion Ratio Lower Upper
104 100
78 54.8 41.6 62.4
103 56.3 44.0 66.0





#71
Bromoform
Concen: 20.348 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

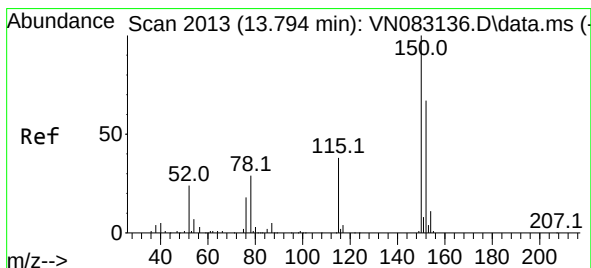
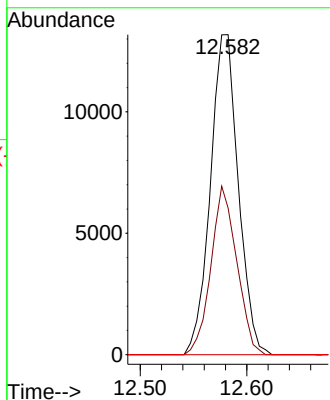
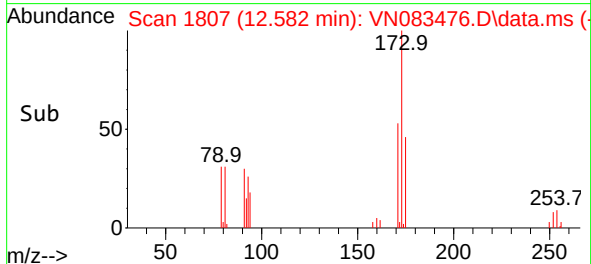
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



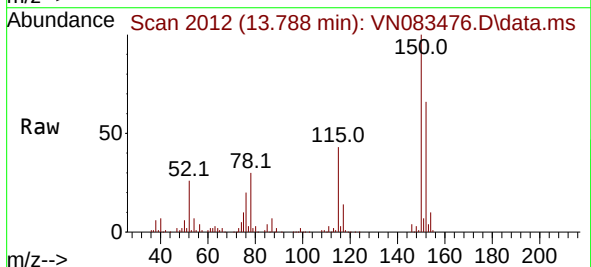
Tgt Ion:173 Resp: 24015
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.0 0.0 0.0

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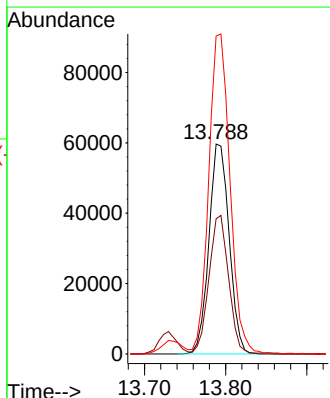
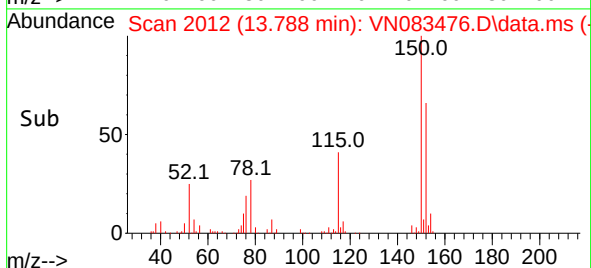
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

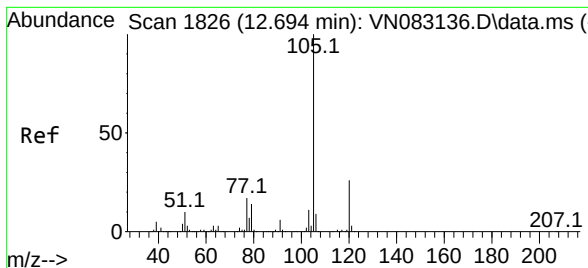


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



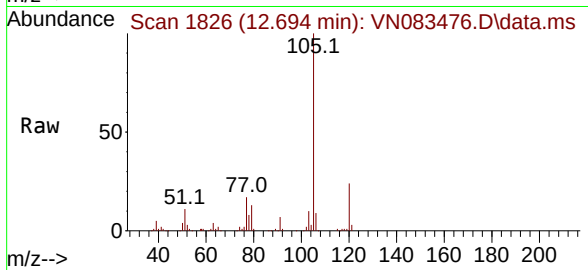
Tgt Ion:152 Resp: 103520
Ion Ratio Lower Upper
152 100
115 63.7 30.6 91.6
150 159.9 0.0 348.6





#73
Isopropylbenzene
Concen: 17.708 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

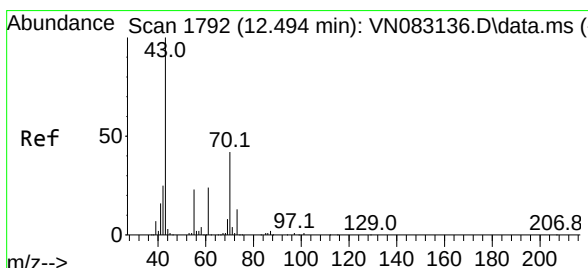
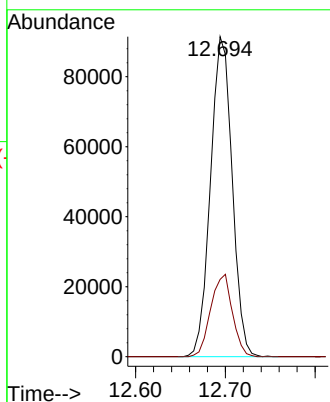
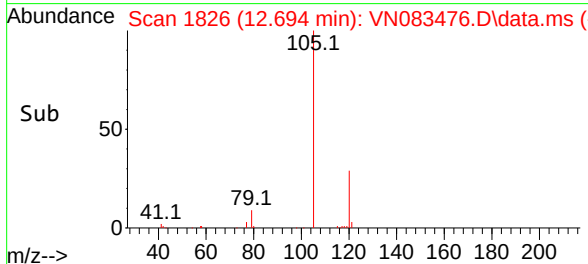
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



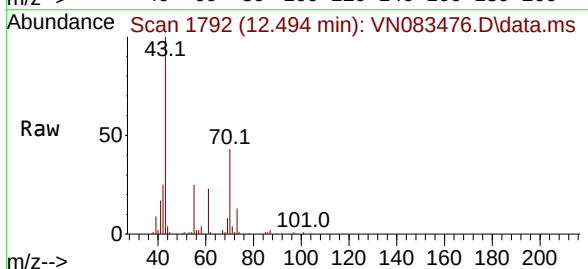
Tgt Ion:105 Resp: 153324
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations
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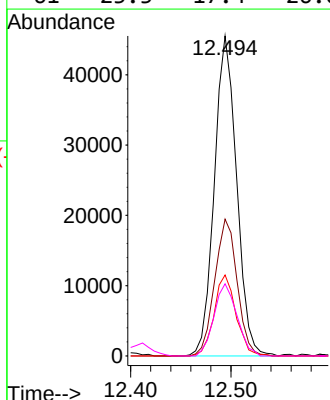
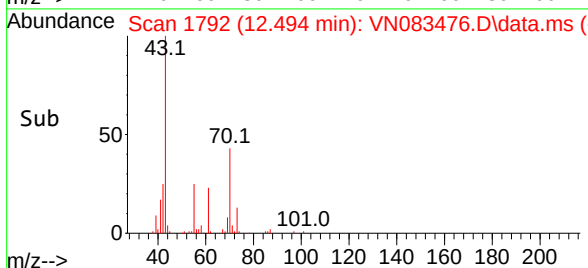
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

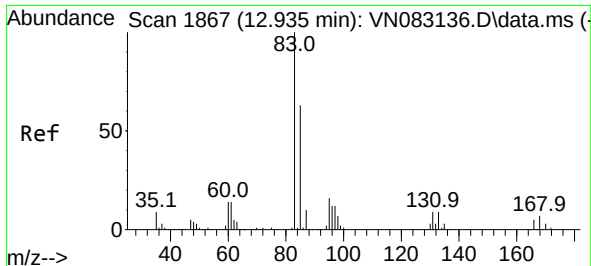


#74
N-ethyl acetate
Concen: 16.558 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



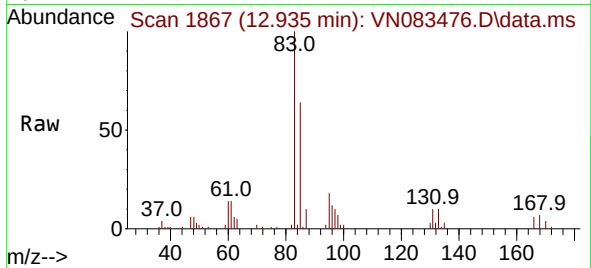
Tgt Ion: 43 Resp: 70127
Ion Ratio Lower Upper
43 100
70 43.0 29.8 44.6
55 24.9 18.7 28.1
61 23.3 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.856 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

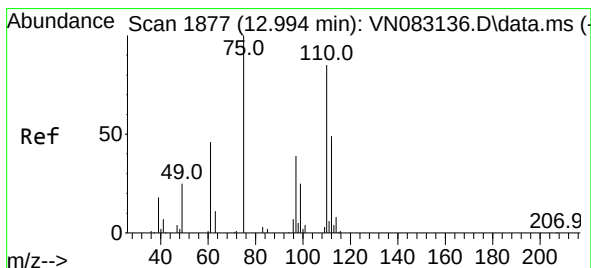
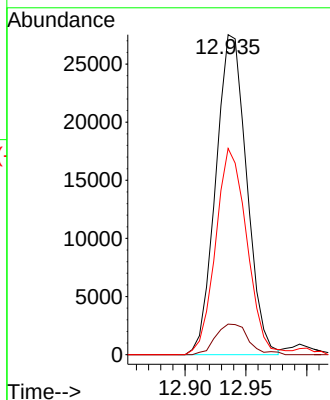
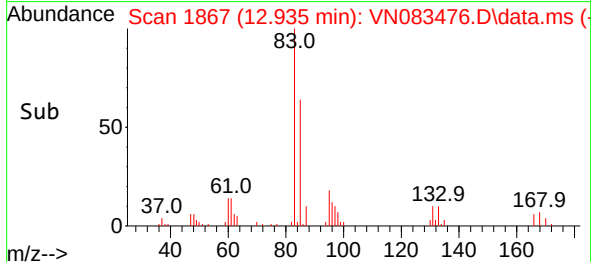
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



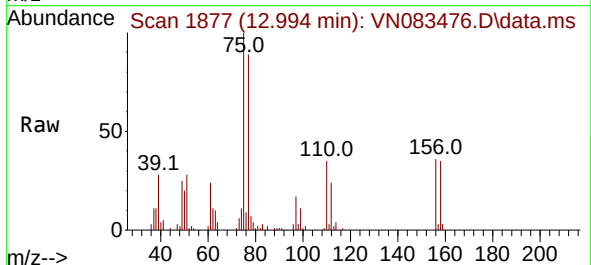
Tgt Ion: 83 Resp: 4862
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.1 31.9 95.7

Manual Integrations
APPROVED

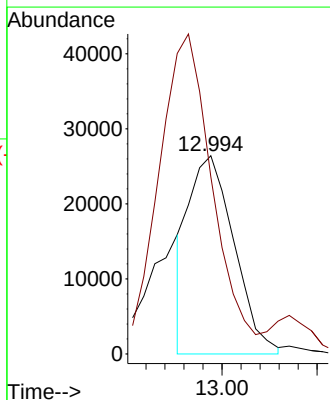
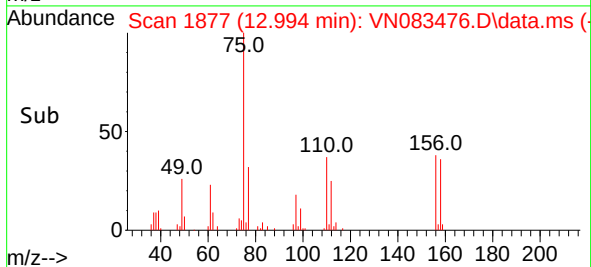
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

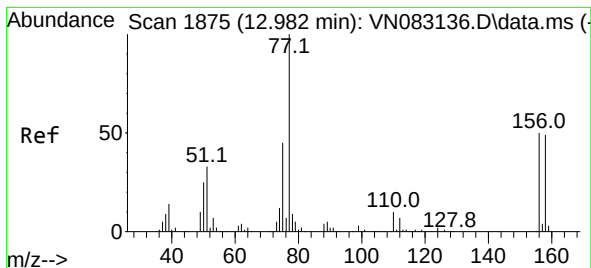


#76
1,2,3-Trichloropropane
Concen: 19.180 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



Tgt Ion: 75 Resp: 43576
Ion Ratio Lower Upper
75 100
77 192.6 110.9 332.6





#77

Bromobenzene

Concen: 18.356 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

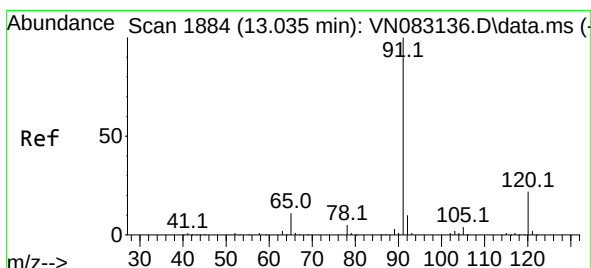
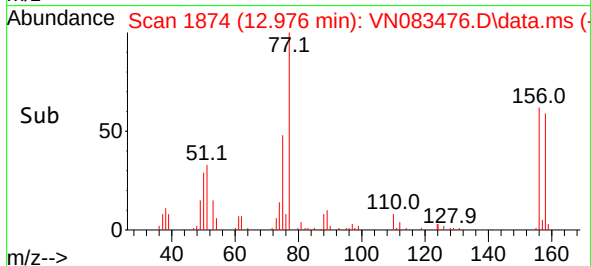
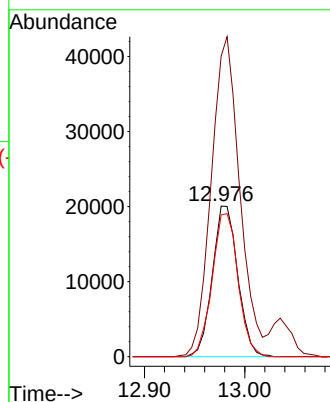
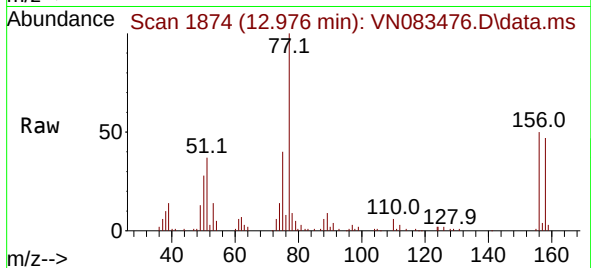
Tgt Ion:156 Resp: 35307
 Ion Ratio Lower Upper
 156 100
 77 237.7 111.3 333.8
 158 96.6 48.3 144.9

Manual Integrations

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Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#78

n-propylbenzene

Concen: 17.560 ug/l

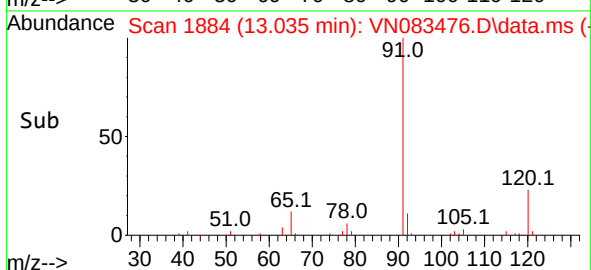
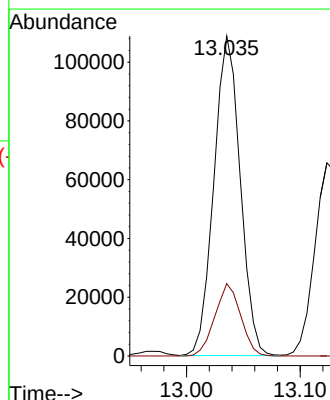
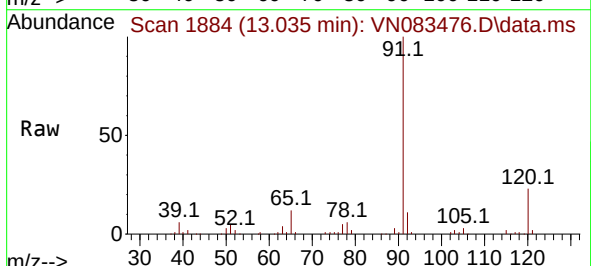
RT: 13.035 min Scan# 1884

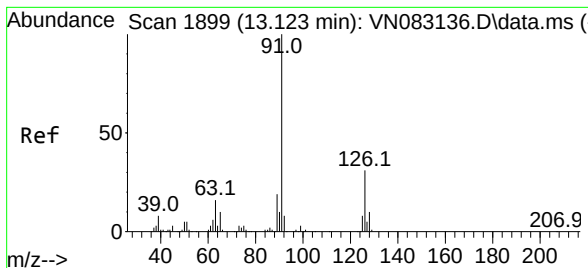
Delta R.T. 0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

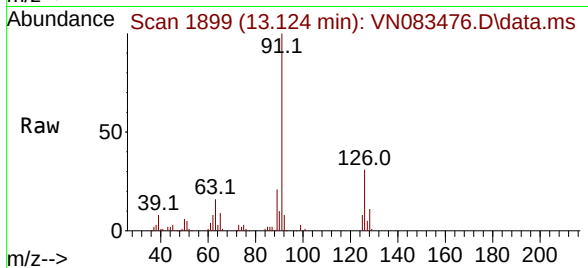
Tgt Ion: 91 Resp: 175079
 Ion Ratio Lower Upper
 91 100
 120 22.2 10.9 32.9





#79
2-Chlorotoluene
Concen: 18.254 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

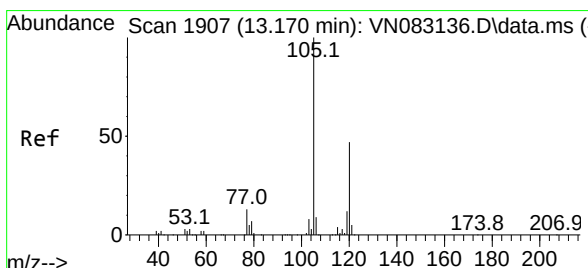
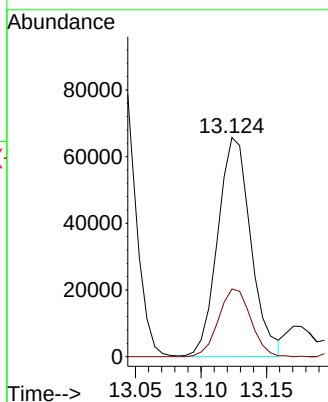
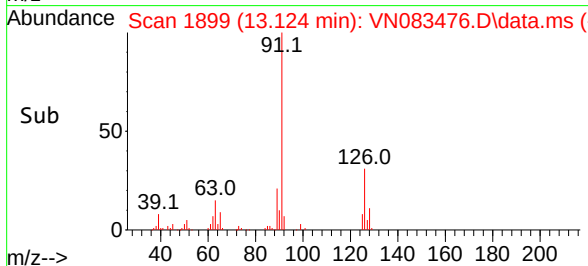
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



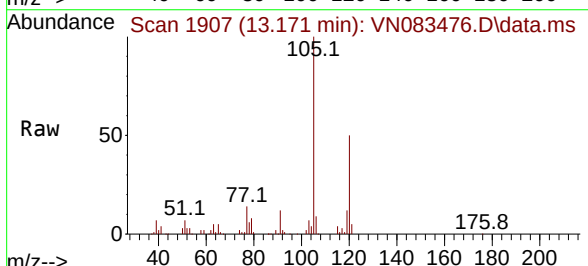
Tgt Ion: 91 Resp: 115380
Ion Ratio Lower Upper
91 100
126 30.2 16.2 48.6

Manual Integrations
APPROVED

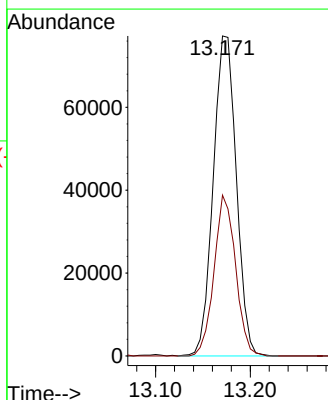
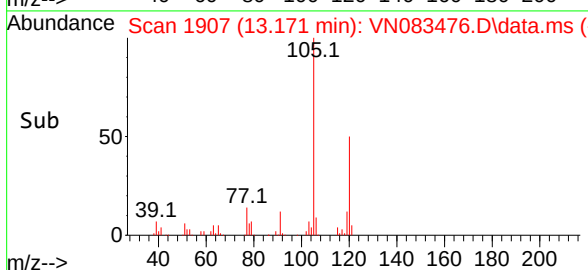
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

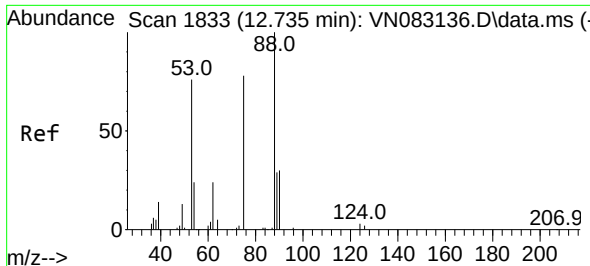


#80
1,3,5-Trimethylbenzene
Concen: 18.061 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



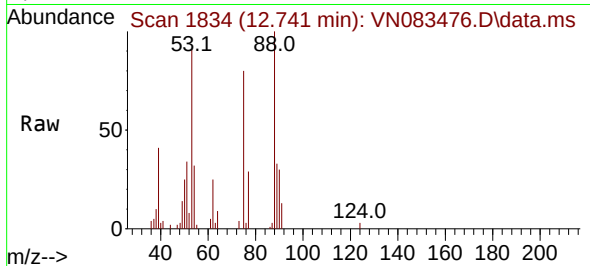
Tgt Ion:105 Resp: 130924
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 15.390 ug/l
RT: 12.741 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

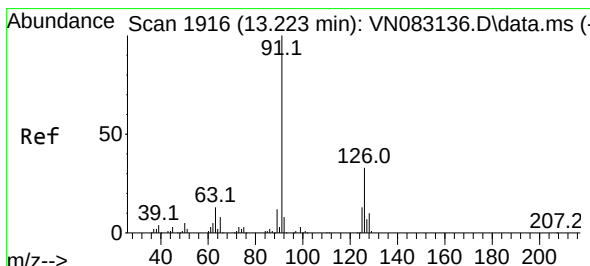
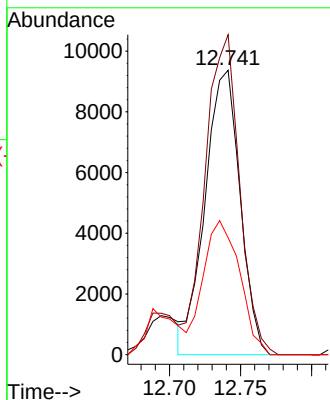
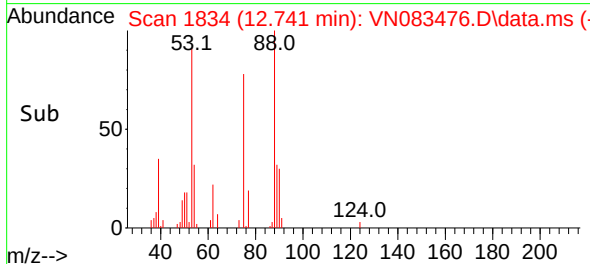
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion	Ratio	Lower	Upper
75	100		
53	110.5	88.4	132.6
89	49.0	36.3	54.5

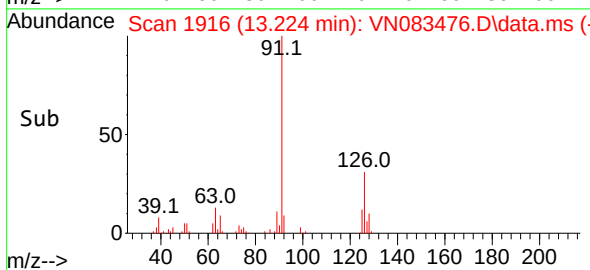
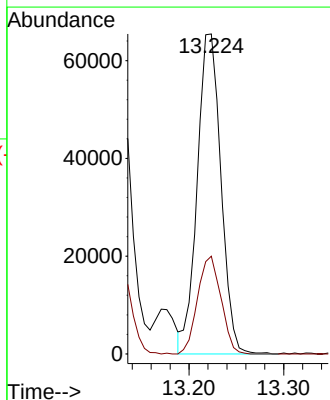
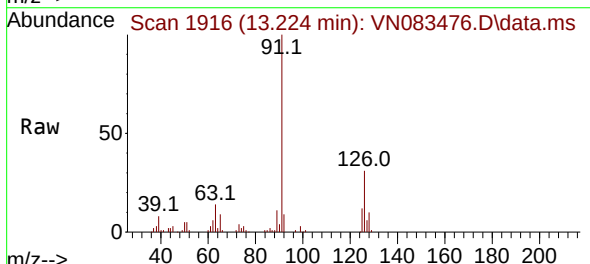
Manual Integrations
APPROVED

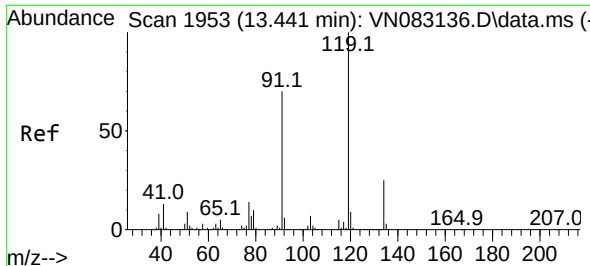
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#82
4-Chlorotoluene
Concen: 17.961 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

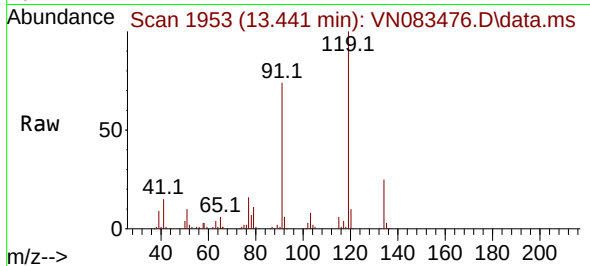
Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	16.2	48.6





#83
 tert-Butylbenzene
 Concen: 17.450 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN083476.D
 Acq: 26 Aug 2024 12:31

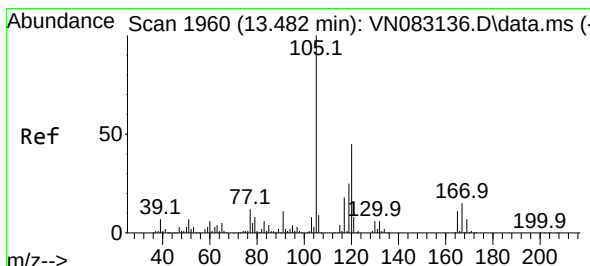
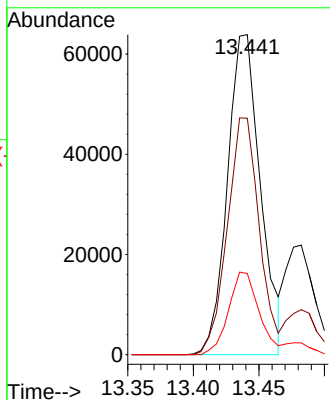
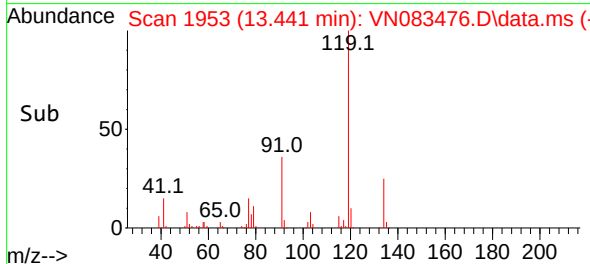
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02



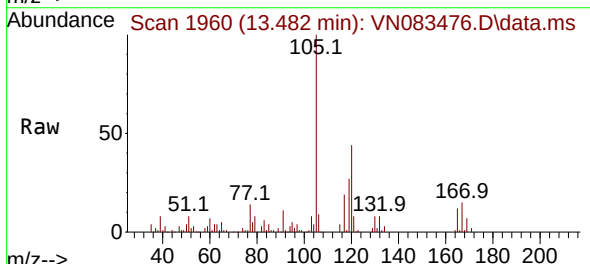
Tgt Ion:119 Resp: 11202
 Ion Ratio Lower Upper
 119 100
 91 71.5 35.0 105.1
 134 24.5 13.3 39.8

Manual Integrations
 APPROVED

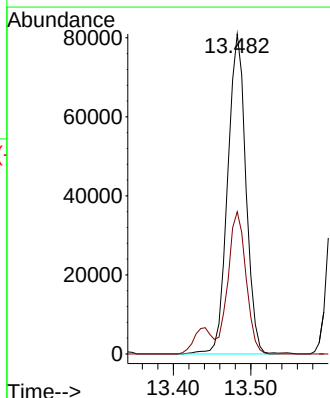
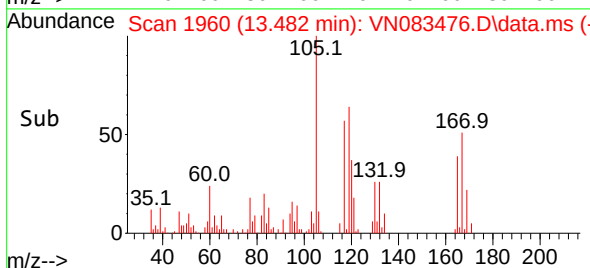
Reviewed By :John Carlone 08/27/2024
 Supervised By :Mahesh Dadoda 08/27/2024

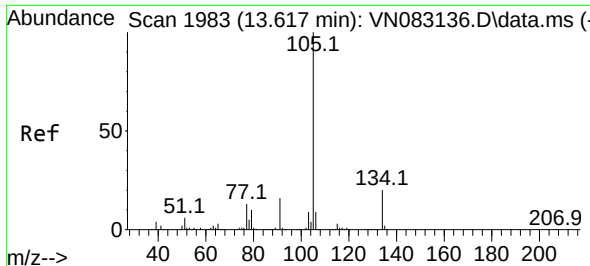


#84
 1,2,4-Trimethylbenzene
 Concen: 18.145 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083476.D
 Acq: 26 Aug 2024 12:31



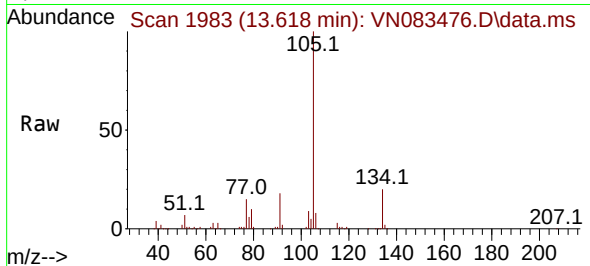
Tgt Ion:105 Resp: 132558
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 17.480 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083476.D
 Acq: 26 Aug 2024 12:31

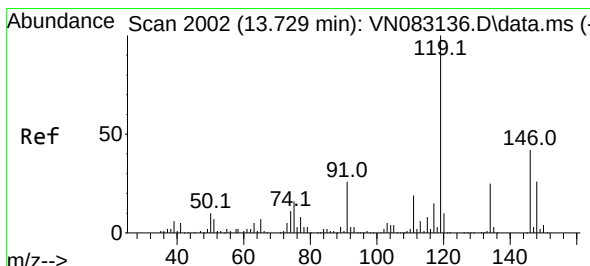
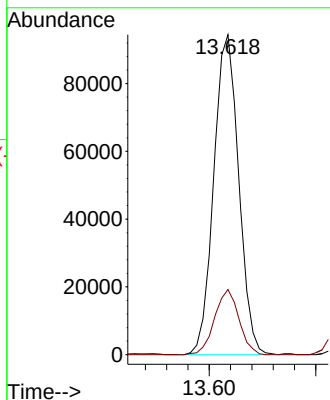
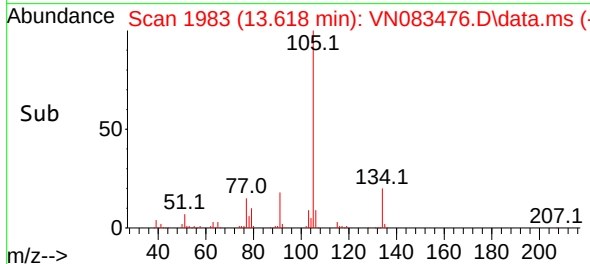
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS02



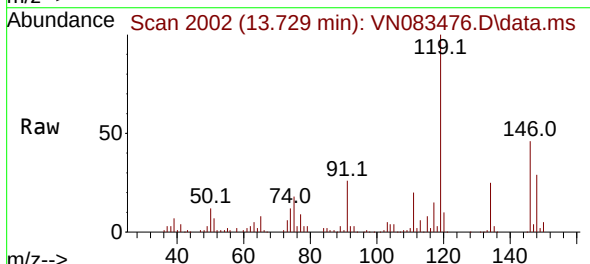
Tgt Ion:105 Resp: 153110
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
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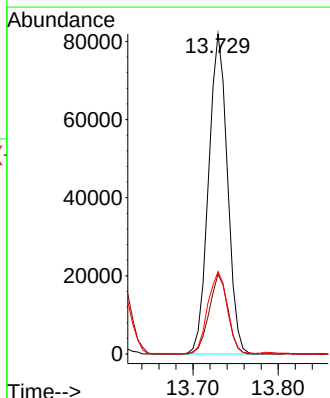
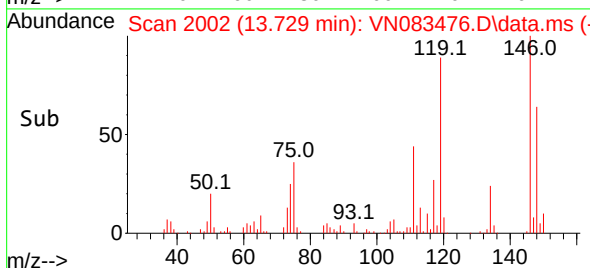
Reviewed By :John Carlone 08/27/2024
 Supervised By :Mahesh Dadoda 08/27/2024

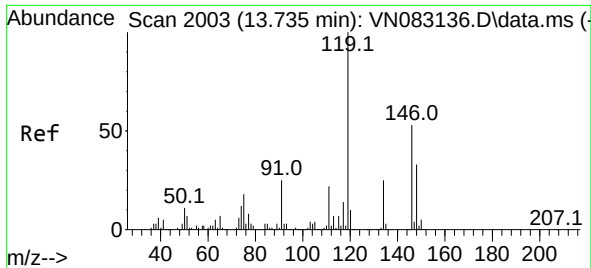


#86
 p-Isopropyltoluene
 Concen: 17.410 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083476.D
 Acq: 26 Aug 2024 12:31



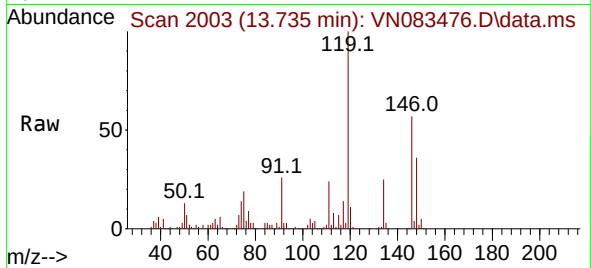
Tgt Ion:119 Resp: 125923
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 39.0
 91 26.8 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 18.588 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

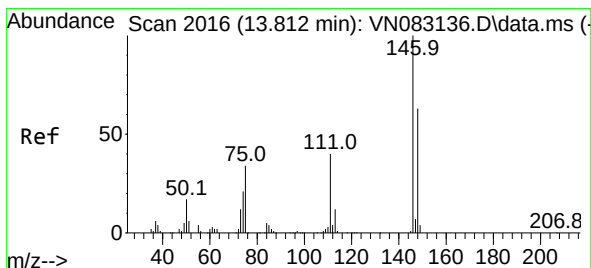
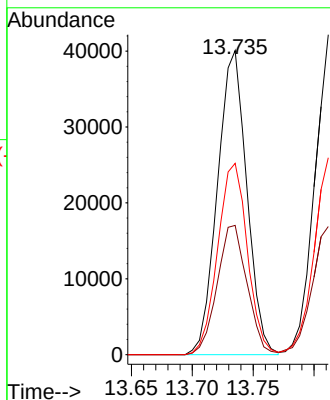
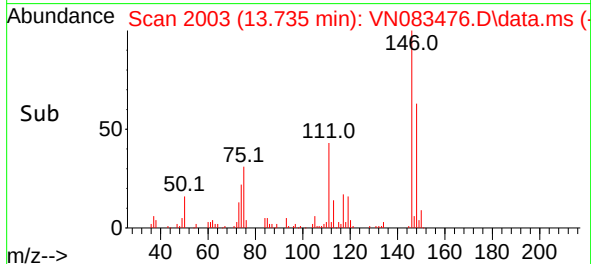
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



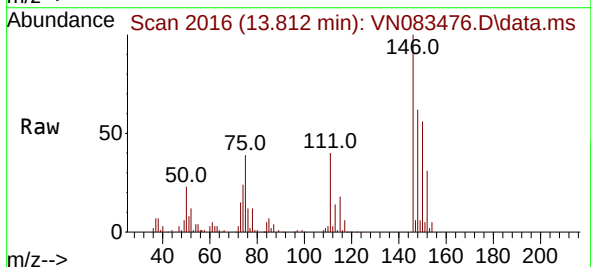
Tgt Ion:146 Resp: 6727
Ion Ratio Lower Upper
146 100
111 43.4 20.6 61.9
148 63.8 31.8 95.3

Manual Integrations
APPROVED

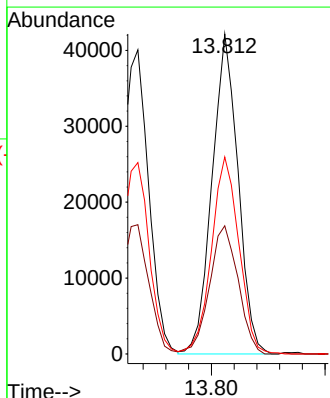
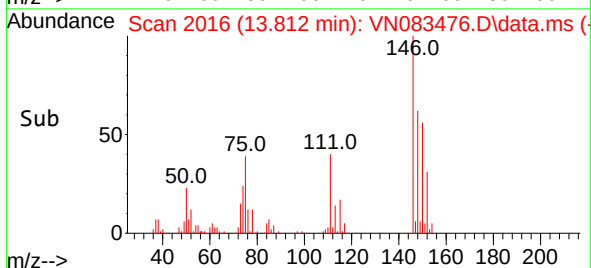
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

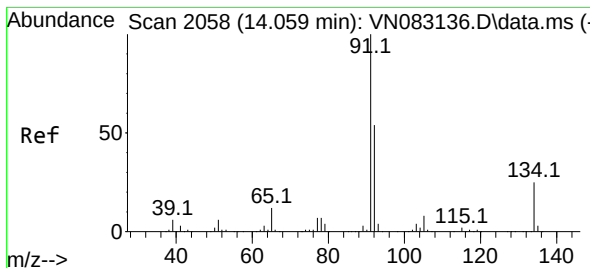


#88
1,4-Dichlorobenzene
Concen: 18.365 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



Tgt Ion:146 Resp: 67010
Ion Ratio Lower Upper
146 100
111 44.1 20.1 60.3
148 65.2 32.2 96.6





#89

n-Butylbenzene

Concen: 16.996 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS02

Tgt Ion: 91 Resp: 106514

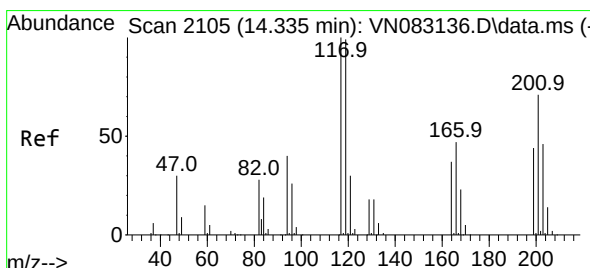
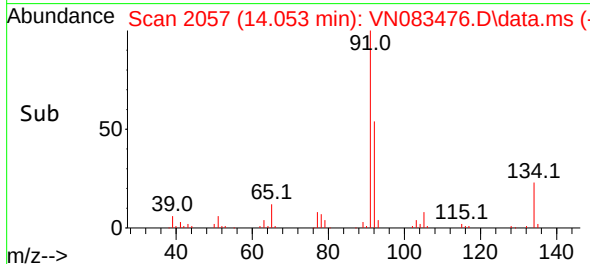
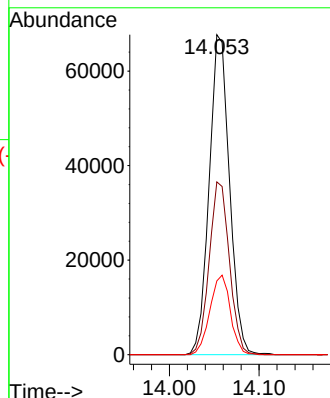
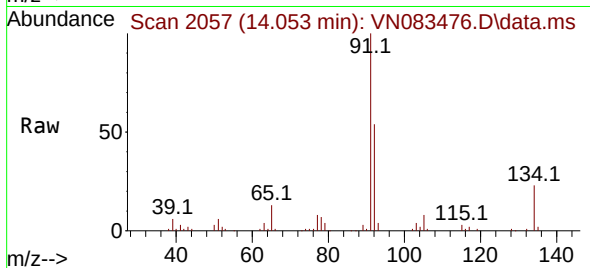
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.1	78.3
134	25.0	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/27/2024

Supervised By :Mahesh Dadoda 08/27/2024



#90

Hexachloroethane

Concen: 17.885 ug/l

RT: 14.335 min Scan# 2105

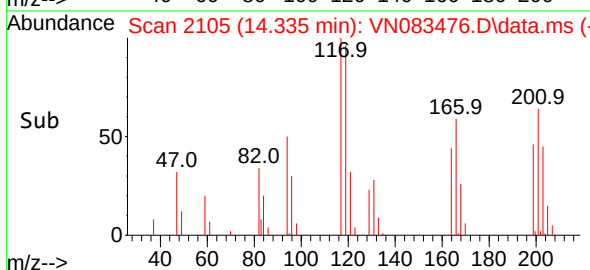
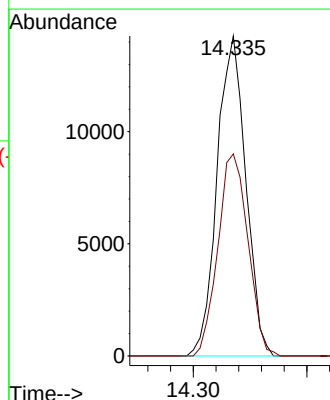
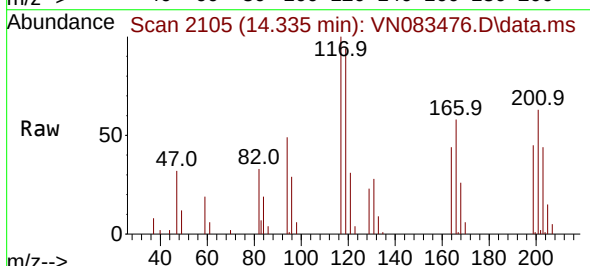
Delta R.T. 0.000 min

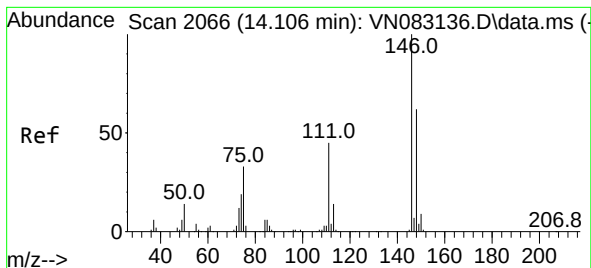
Lab File: VN083476.D

Acq: 26 Aug 2024 12:31

Tgt Ion:117 Resp: 24991

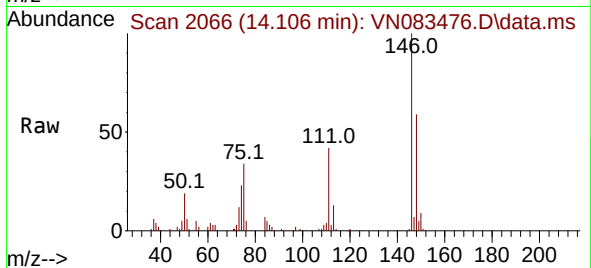
Ion	Ratio	Lower	Upper
117	100		
201	66.3	35.8	107.3





#91
1,2-Dichlorobenzene
Concen: 19.639 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

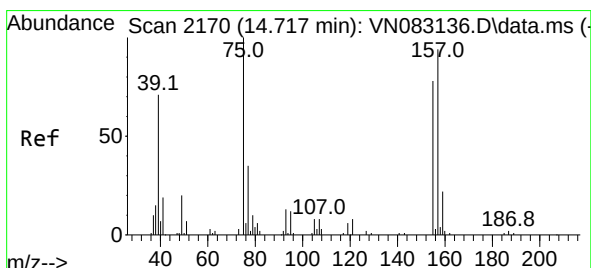
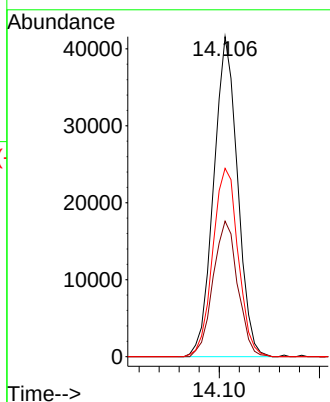
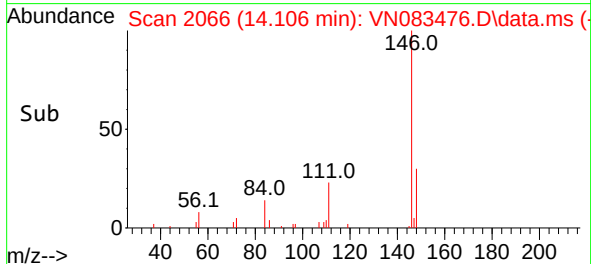
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



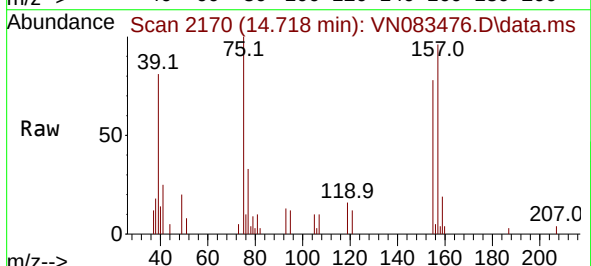
Tgt Ion:146 Resp: 6878
Ion Ratio Lower Upper
146 100
111 43.8 21.4 64.2
148 62.6 32.1 96.5

Manual Integrations
APPROVED

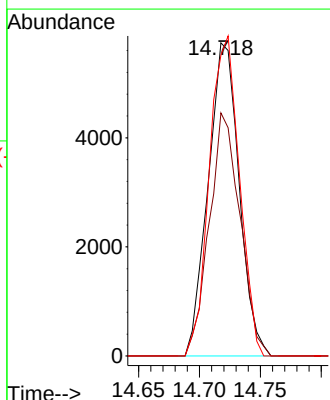
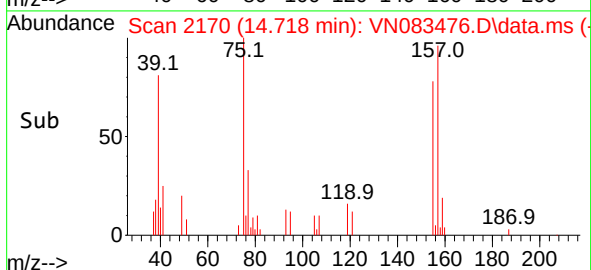
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

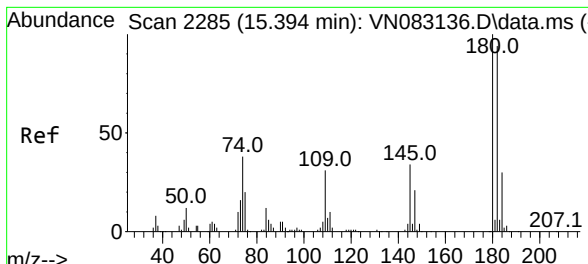


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.082 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



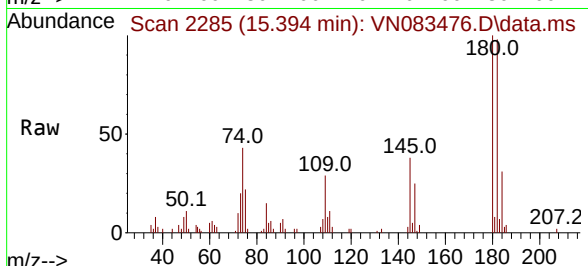
Tgt Ion: 75 Resp: 10151
Ion Ratio Lower Upper
75 100
155 76.9 36.6 109.8
157 99.1 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 17.166 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

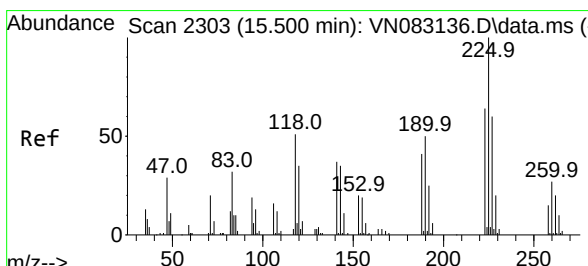
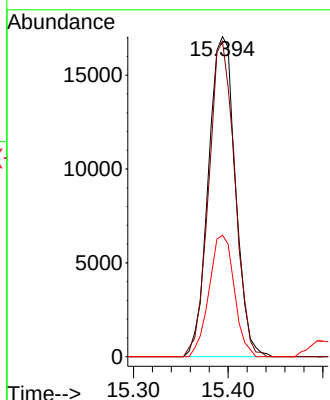
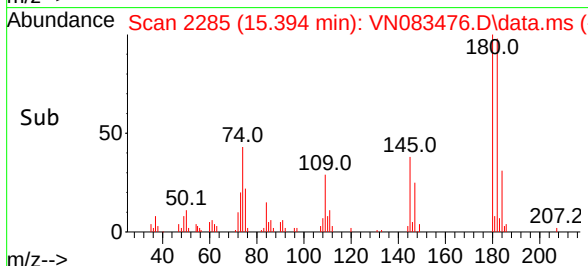
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



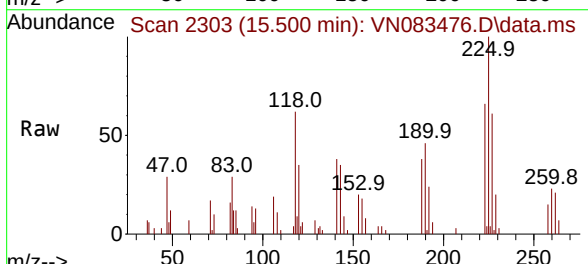
Tgt Ion:180 Resp: 3368
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 35.5 15.7 47.1

Manual Integrations
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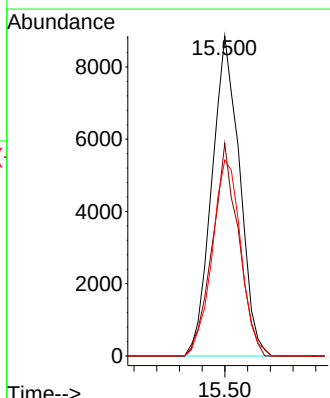
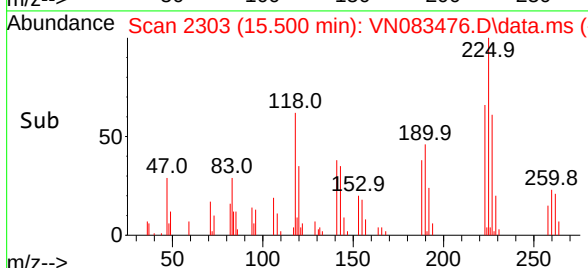
Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024

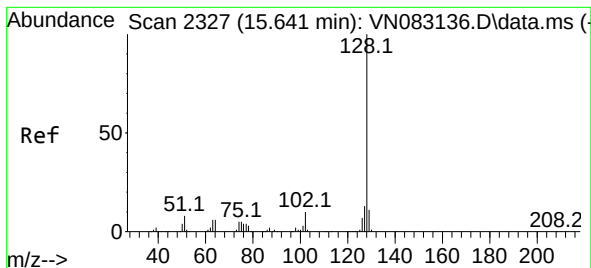


#94
Hexachlorobutadiene
Concen: 17.190 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31



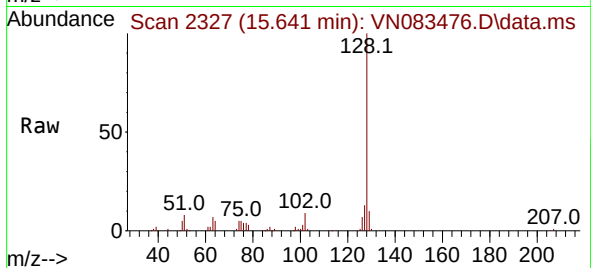
Tgt Ion:225 Resp: 15000
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 63.5 32.5 97.5





#95
Naphthalene
Concen: 16.354 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

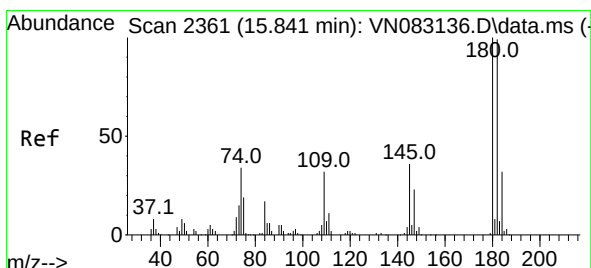
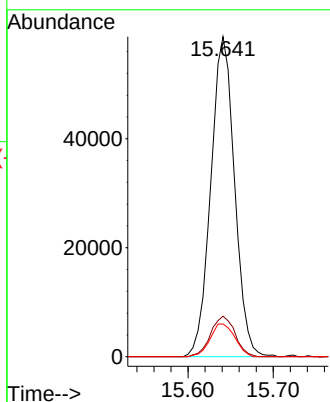
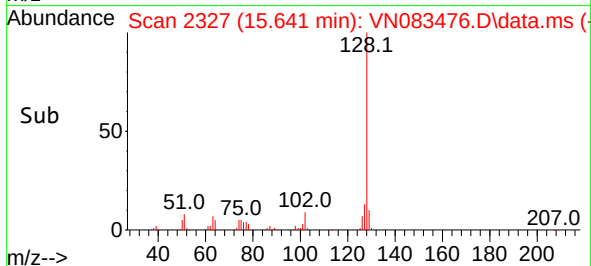
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS02



Tgt Ion:128 Resp: 113660
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/27/2024
Supervised By :Mahesh Dadoda 08/27/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.199 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083476.D
Acq: 26 Aug 2024 12:31

Tgt Ion:180 Resp: 33392
Ion Ratio Lower Upper
180 100
182 95.6 48.9 146.8
145 36.8 16.8 50.4

