

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083564.D
 Acq On : 30 Aug 2024 08:54
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 31 00:31:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:23:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2024
 Supervised By : Mahesh Dadoda 09/03/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	208247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	354274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	299390	102.867	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 205.740%#			
35) Dibromofluoromethane	8.165	113	219584	102.980	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.960%#			
50) Toluene-d8	10.565	98	839296	99.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 199.600%#			
62) 4-Bromofluorobenzene	12.847	95	316597	102.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 205.840%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	230202	104.448	ug/l	98
3) Chloromethane	2.360	50	244728	95.321	ug/l	99
4) Vinyl Chloride	2.518	62	253249	98.561	ug/l	98
5) Bromomethane	2.907	94	124896	92.464	ug/l	95
6) Chloroethane	3.077	64	162212	96.610	ug/l	98
7) Trichlorofluoromethane	3.471	101	423532	100.093	ug/l	98
8) Diethyl Ether	3.954	74	151766	100.331	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	238716	104.026	ug/l	99
10) Methyl Iodide	4.577	142	315876	101.760	ug/l	98
11) Tert butyl alcohol	5.536	59	212175	467.560	ug/l	99
12) 1,1-Dichloroethene	4.330	96	226289	99.190	ug/l	98
13) Acrolein	4.177	56	198194	461.645	ug/l	99
14) Allyl chloride	5.012	41	406962	100.051	ug/l	100
15) Acrylonitrile	5.718	53	555909	496.738	ug/l	100
16) Acetone	4.424	43	659046	567.833	ug/l	99
17) Carbon Disulfide	4.701	76	623282	93.751	ug/l	100
18) Methyl Acetate	5.018	43	258749	83.793	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	823550	101.768	ug/l	99
20) Methylene Chloride	5.265	84	246591	96.211	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	234267	98.581	ug/l	94
22) Diisopropyl ether	6.671	45	829657	103.442	ug/l	98
23) Vinyl Acetate	6.600	43	3189108	536.542	ug/l	99
24) 1,1-Dichloroethane	6.565	63	460906	100.770	ug/l	100
25) 2-Butanone	7.483	43	815050	515.777	ug/l	98
26) 2,2-Dichloropropane	7.483	77	448077	105.221	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	288915	101.885	ug/l	100
28) Bromochloromethane	7.812	49	202994	95.041	ug/l	98
29) Tetrahydrofuran	7.836	42	491877	501.822	ug/l	99
30) Chloroform	7.965	83	489388	101.557	ug/l	97
31) Cyclohexane	8.253	56	415034	92.187	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	456065	104.663	ug/l	98
36) 1,1-Dichloropropene	8.365	75	344504	105.922	ug/l	99
37) Ethyl Acetate	7.559	43	320603	99.047	ug/l	99
38) Carbon Tetrachloride	8.359	117	396307	106.796	ug/l	100
39) Methylcyclohexane	9.600	83	435025	111.465	ug/l	99
40) Benzene	8.600	78	1031702	103.117	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	188211	101.893	ug/l	99
42) 1,2-Dichloroethane	8.671	62	380127	102.495	ug/l	100
43) Isopropyl Acetate	8.689	43	651722	101.532	ug/l	98
44) Trichloroethene	9.347	130	243055	100.987	ug/l	97
45) 1,2-Dichloropropane	9.618	63	246827	105.903	ug/l	99
46) Dibromomethane	9.706	93	176924	102.895	ug/l	98
47) Bromodichloromethane	9.888	83	388968	106.269	ug/l	99
48) Methyl methacrylate	9.677	41	273498	103.016	ug/l	98
49) 1,4-Dioxane	9.700	88	81471	1872.767	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	1560112	518.431	ug/l	100
52) Toluene	10.630	92	660049	105.483	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	413574	109.147	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	428877	107.834	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	234534	105.012	ug/l	97
56) Ethyl methacrylate	10.871	69	410162	111.012	ug/l	98
57) 1,3-Dichloropropane	11.165	76	406084	102.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	892784	556.105	ug/l	99
59) 2-Hexanone	11.194	43	1193094	528.292	ug/l	100
60) Dibromochloromethane	11.359	129	280842	108.522	ug/l	100
61) 1,2-Dibromoethane	11.471	107	241296	105.749	ug/l	98
64) Tetrachloroethene	11.100	164	209100	102.806	ug/l	98
65) Chlorobenzene	11.888	112	680424	98.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	243933	104.112	ug/l	99
67) Ethyl Benzene	11.965	91	1292958	104.378	ug/l	100
68) m/p-Xylenes	12.071	106	959579	205.631	ug/l	100
69) o-Xylene	12.400	106	469015	103.989	ug/l	97
70) Styrene	12.412	104	783481	103.314	ug/l	100
71) Bromoform	12.577	173	179139	107.343	ug/l #	100
73) Isopropylbenzene	12.694	105	1236306	102.967	ug/l	99
74) N-amyl acetate	12.494	43	517748	99.348	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	323199	94.818	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	279647m	89.065	ug/l	
77) Bromobenzene	12.976	156	266176	94.492	ug/l	99
78) n-propylbenzene	13.035	91	1454165	104.752	ug/l	100
79) 2-Chlorotoluene	13.124	91	863672	96.012	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	1026779	101.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	131027	103.182	ug/l	99
82) 4-Chlorotoluene	13.218	91	866293	94.796	ug/l	100
83) tert-Butylbenzene	13.435	119	904814	100.617	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1033589	101.520	ug/l	100
85) sec-Butylbenzene	13.618	105	1242245	103.931	ug/l	100
86) p-Isopropyltoluene	13.729	119	1047613	104.937	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	507001	92.718	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	504143	89.729	ug/l	99
89) n-Butylbenzene	14.053	91	927761	105.649	ug/l	99
90) Hexachloroethane	14.329	117	201565	103.727	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	509435	96.742	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	70672	95.599	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	289892	97.079	ug/l	98
94) Hexachlorobutadiene	15.500	225	118813	99.354	ug/l	100
95) Naphthalene	15.641	128	907517	94.590	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	271347	90.964	ug/l	98

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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:23:16 2024
Response via : Initial Calibration

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

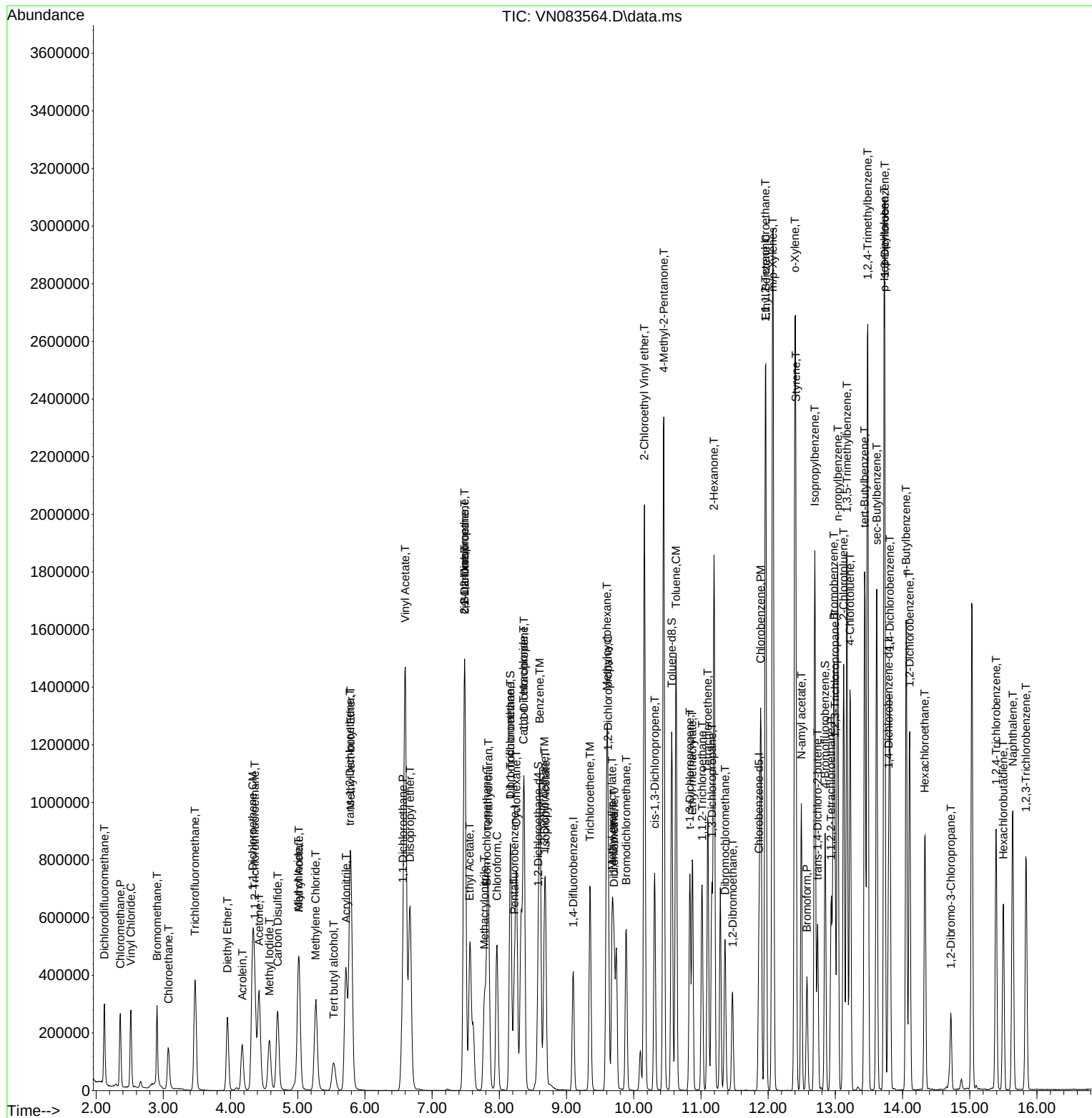
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Operator : JC\MD
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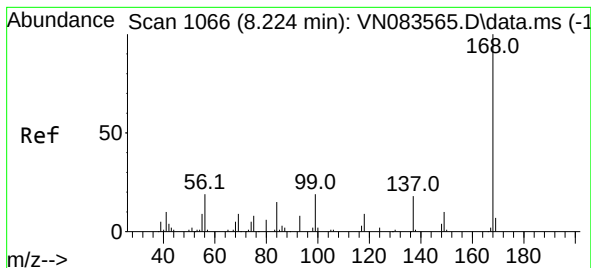
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ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :

MSVOA_N

ClientSampleId :

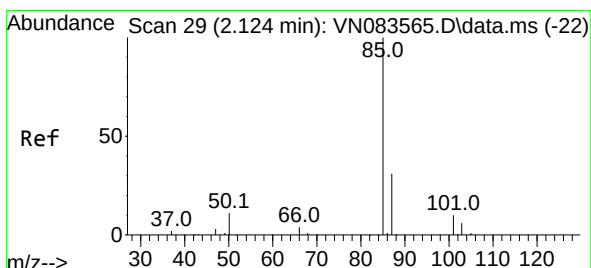
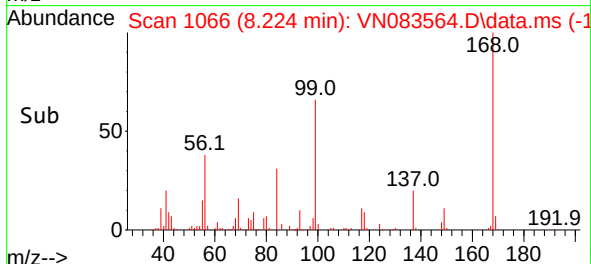
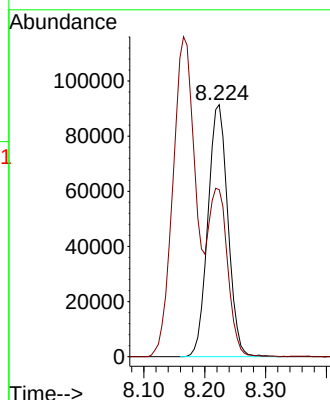
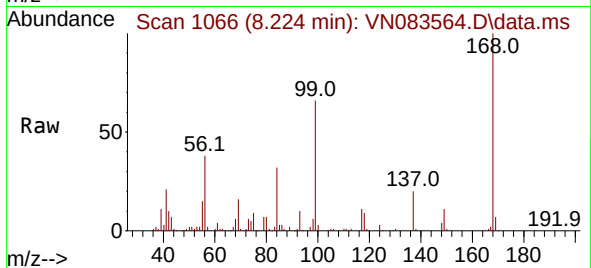
VSTDIC100

Tgt Ion:168 Resp: 20824
Ion Ratio Lower Upper
168 100
99 66.3 54.2 81.2

Manual Integrations

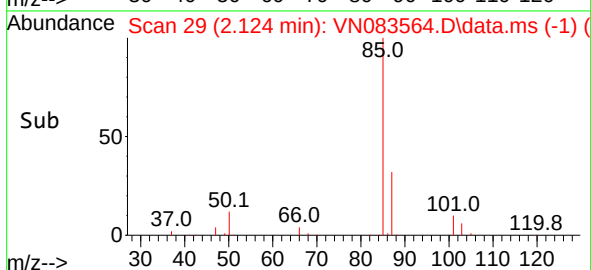
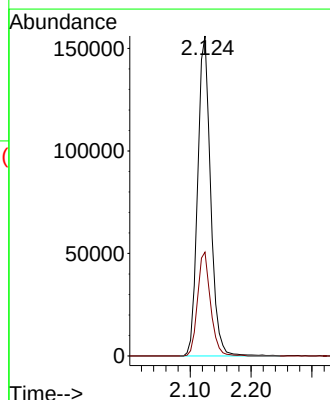
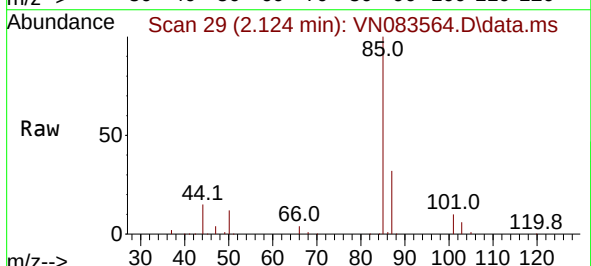
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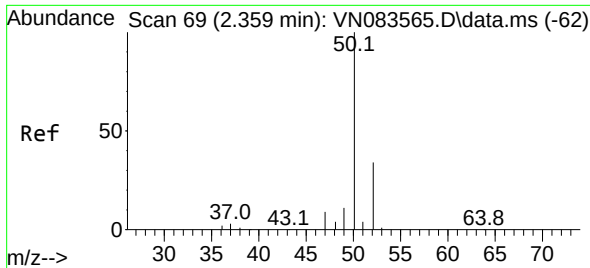
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#2
Dichlorodifluoromethane
Concen: 104.448 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion: 85 Resp: 230202
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0





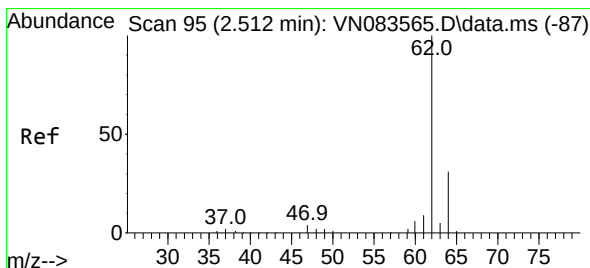
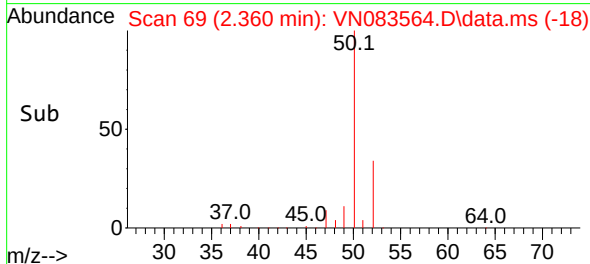
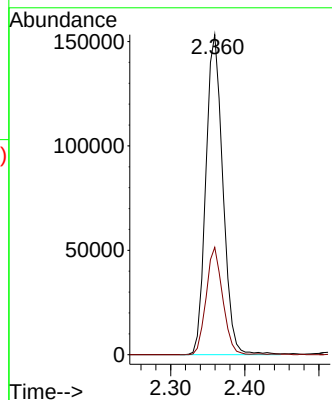
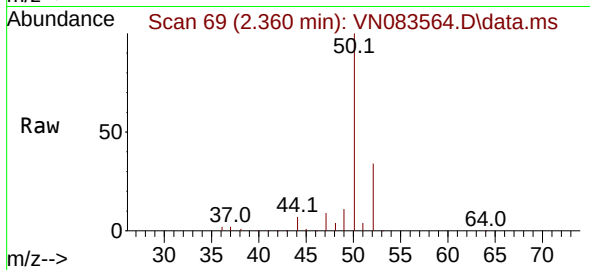
#3
Chloromethane
Concen: 95.321 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083564.D
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Instrument :
MSVOA_N
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Tgt Ion: 50 Resp: 244728
Ion Ratio Lower Upper
50 100
52 33.6 27.2 40.8

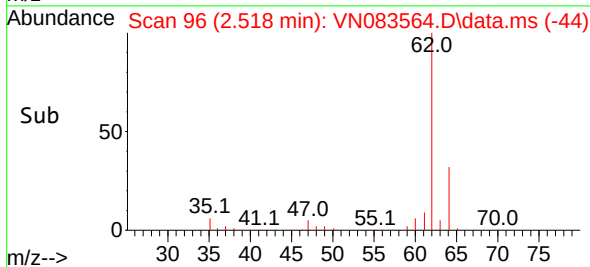
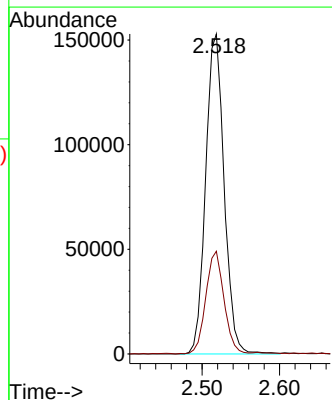
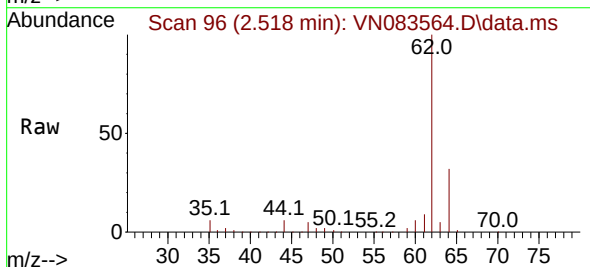
Manual Integrations
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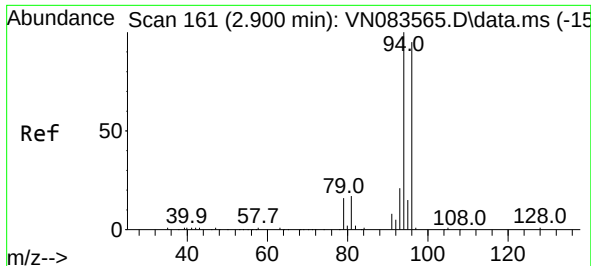
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#4
Vinyl Chloride
Concen: 98.561 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion: 62 Resp: 253249
Ion Ratio Lower Upper
62 100
64 32.0 24.7 37.1





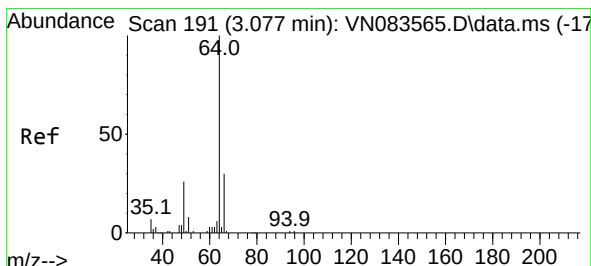
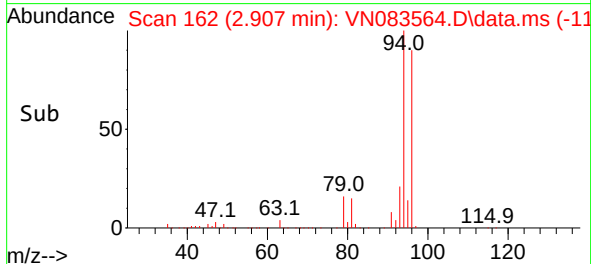
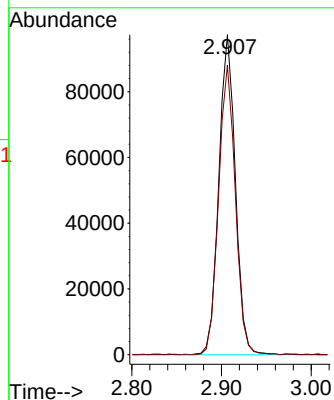
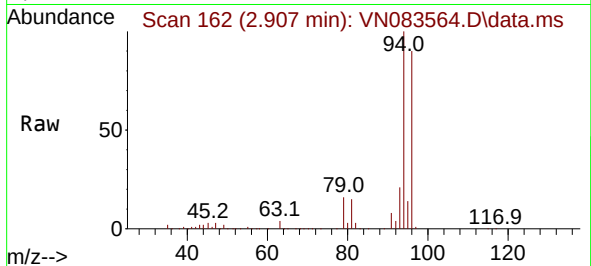
#5
Bromomethane
Concen: 92.464 ug/l
RT: 2.907 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 124890
Ion Ratio Lower Upper
94 100
96 90.5 76.0 114.0

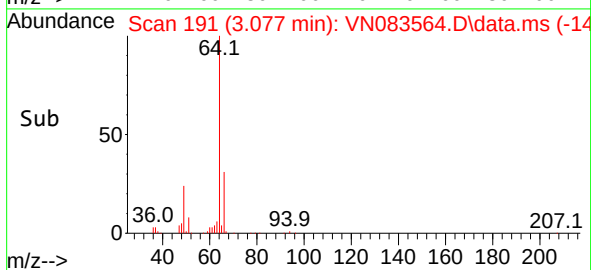
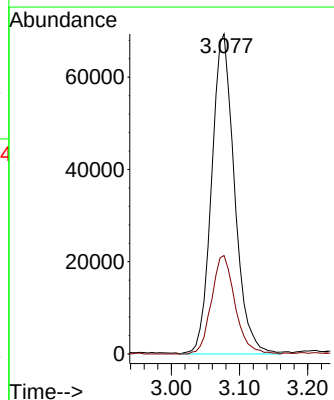
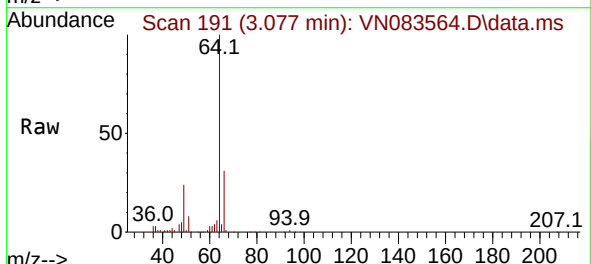
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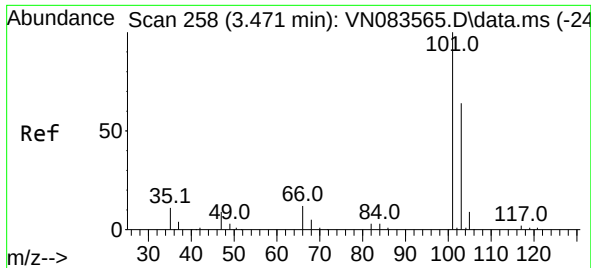
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#6
Chloroethane
Concen: 96.610 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.000 min
Lab File: VN083564.D
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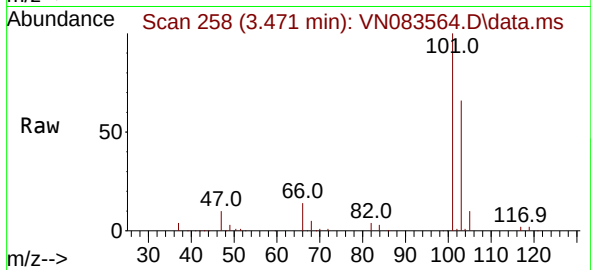
Tgt Ion: 64 Resp: 162212
Ion Ratio Lower Upper
64 100
66 30.8 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 100.093 ug/l
 RT: 3.471 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083564.D
 Acq: 30 Aug 2024 08:54

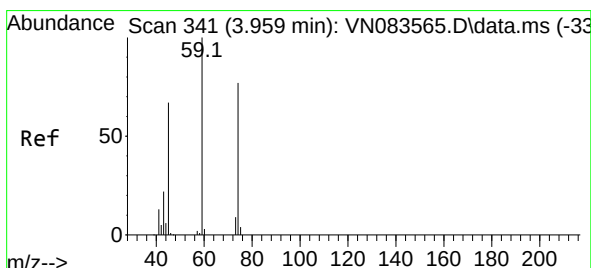
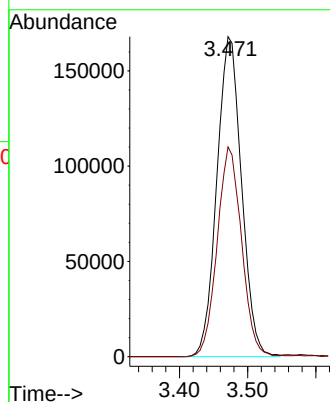
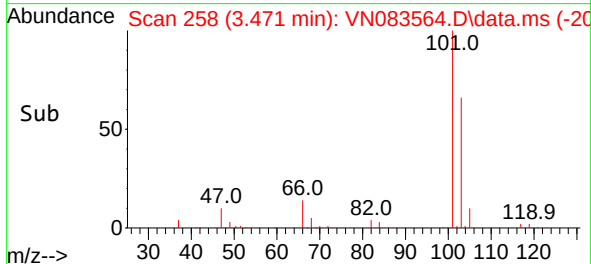
Instrument :
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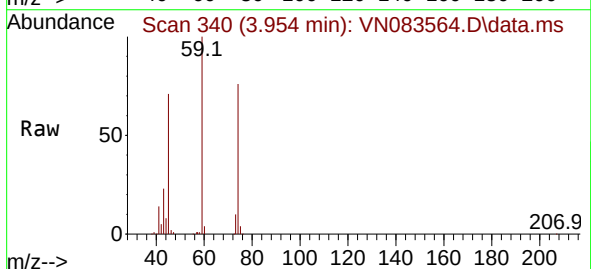
Tgt Ion:101 Resp: 42353
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.0

Manual Integrations
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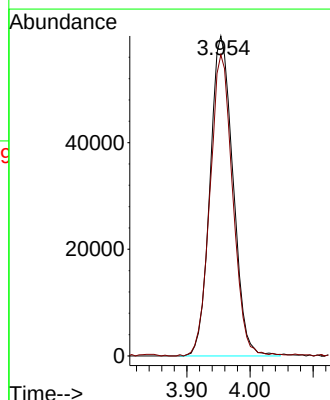
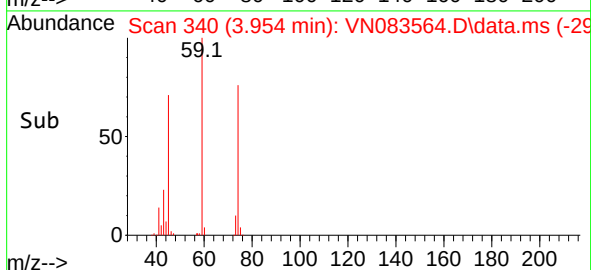
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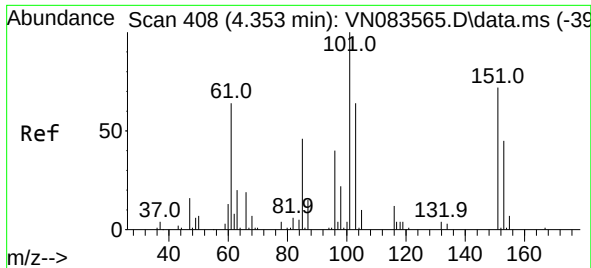


#8
 Diethyl Ether
 Concen: 100.331 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083564.D
 Acq: 30 Aug 2024 08:54



Tgt Ion: 74 Resp: 151766
 Ion Ratio Lower Upper
 74 100
 45 92.8 46.7 140.1





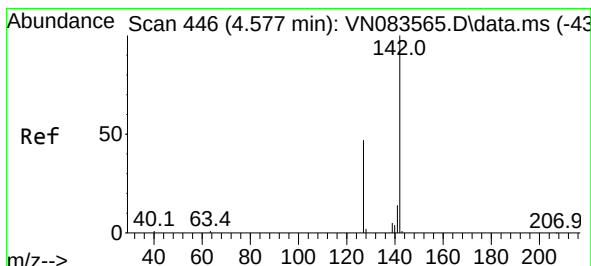
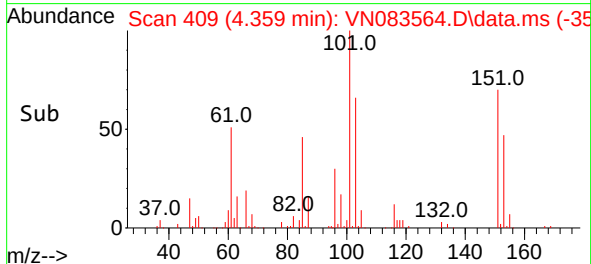
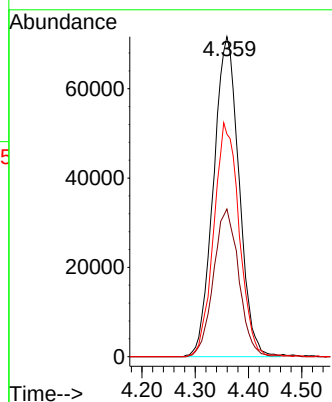
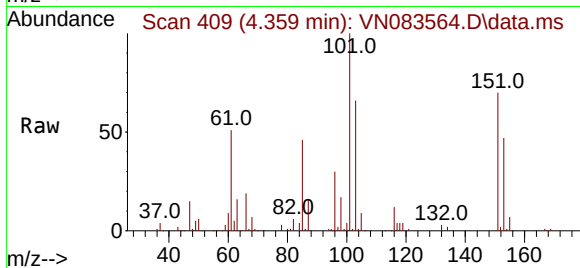
#9
1,1,2-Trichlorotrifluoroethane
Concen: 104.026 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 238710
Ion Ratio Lower Upper
101 100
85 45.6 36.2 54.4
151 72.7 57.7 86.5

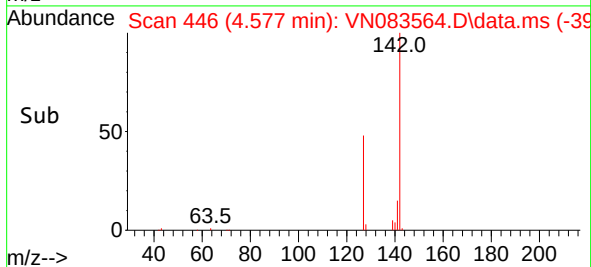
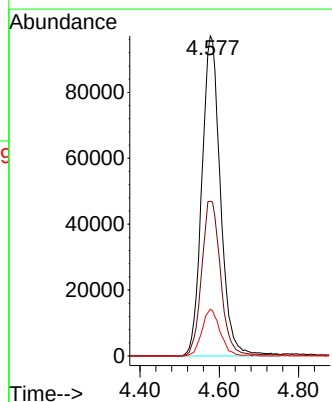
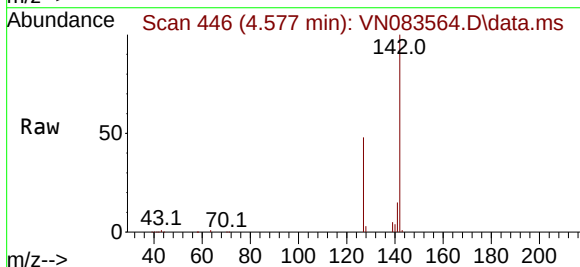
Manual Integrations
APPROVED

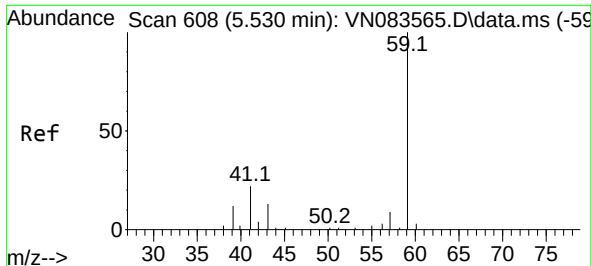
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#10
Methyl Iodide
Concen: 101.760 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion:142 Resp: 315876
Ion Ratio Lower Upper
142 100
127 48.3 37.5 56.3
141 14.6 11.0 16.4





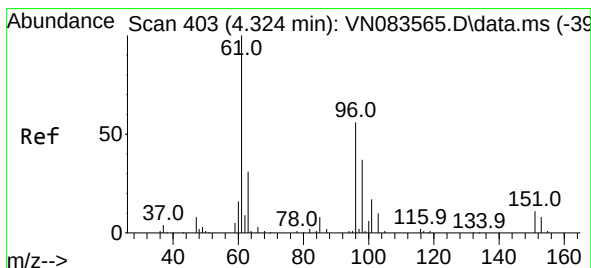
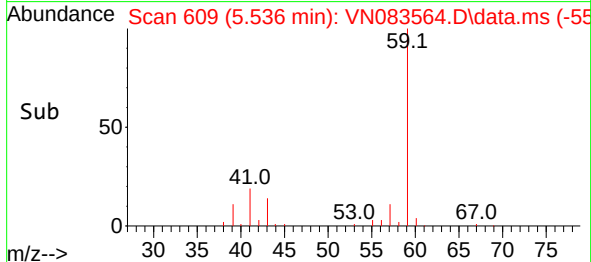
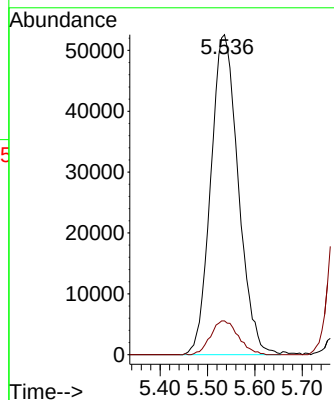
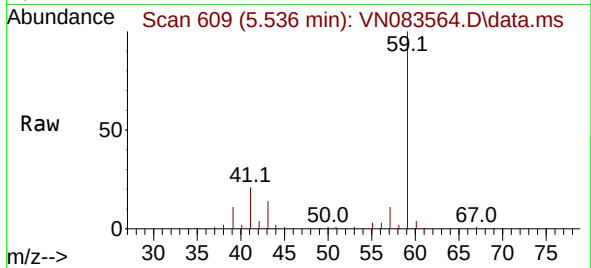
#11
Tert butyl alcohol
Concen: 467.560 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 21217
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

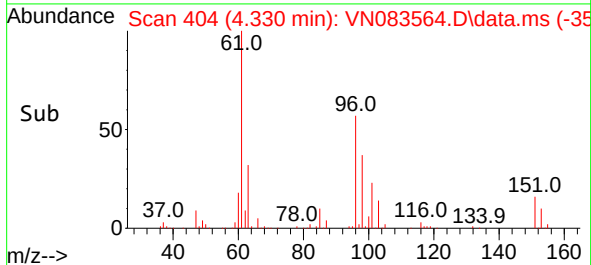
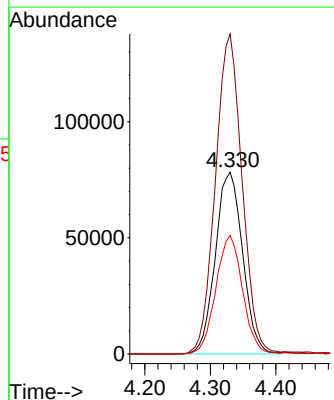
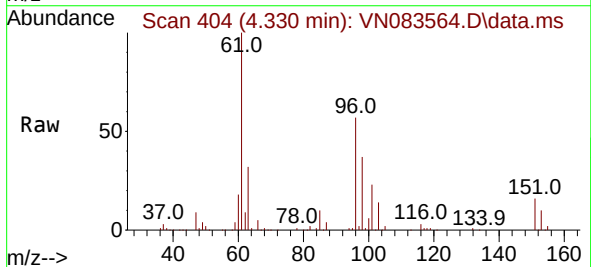
Manual Integrations
APPROVED

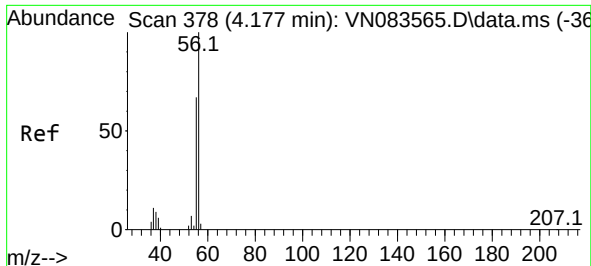
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#12
1,1-Dichloroethene
Concen: 99.190 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

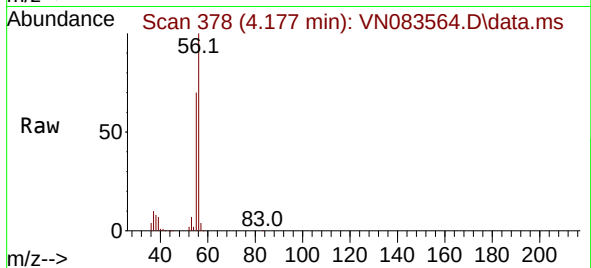
Tgt Ion: 96 Resp: 226289
Ion Ratio Lower Upper
96 100
61 176.0 143.4 215.0
98 65.2 52.7 79.1





#13
Acrolein
Concen: 461.645 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

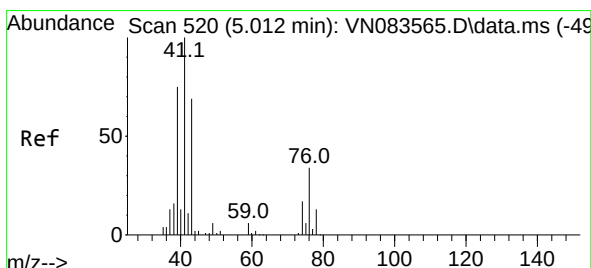
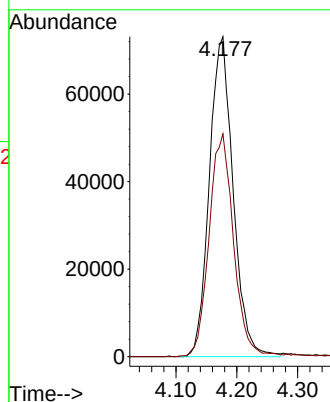
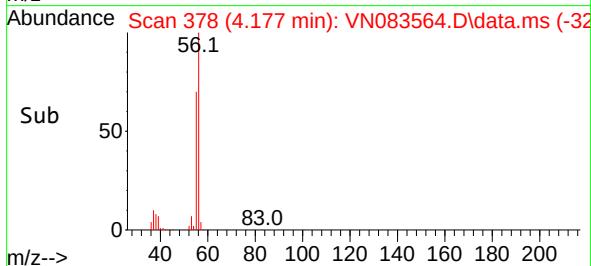
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 198194
Ion Ratio Lower Upper
56 100
55 71.6 58.2 87.2

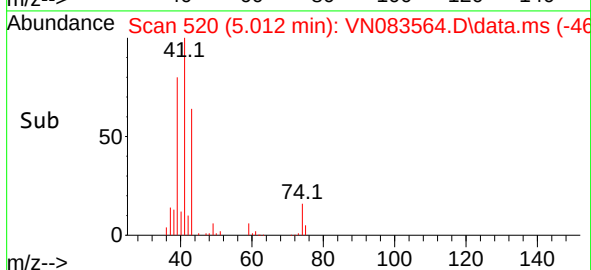
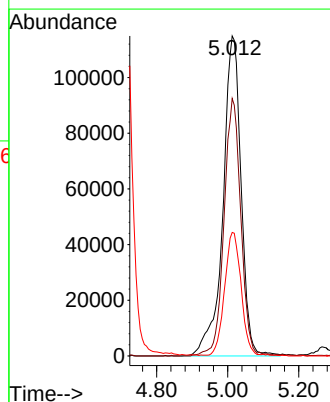
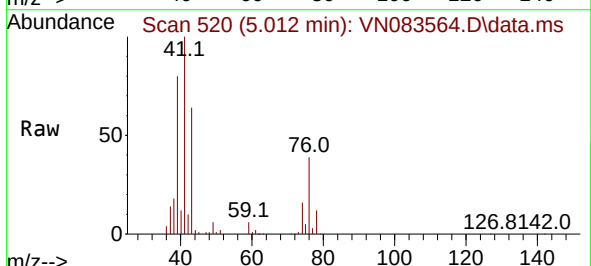
Manual Integrations
APPROVED

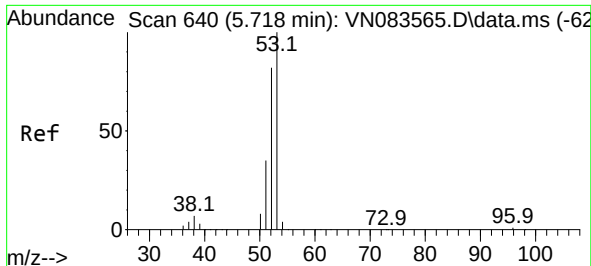
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#14
Allyl chloride
Concen: 100.051 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

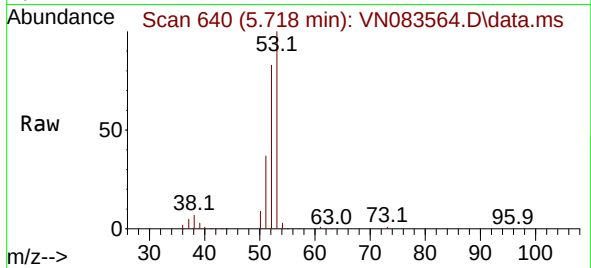
Tgt Ion: 41 Resp: 406962
Ion Ratio Lower Upper
41 100
39 74.4 59.3 88.9
76 34.5 27.7 41.5





#15
Acrylonitrile
Concen: 496.738 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

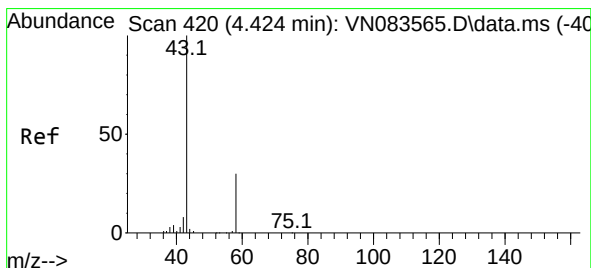
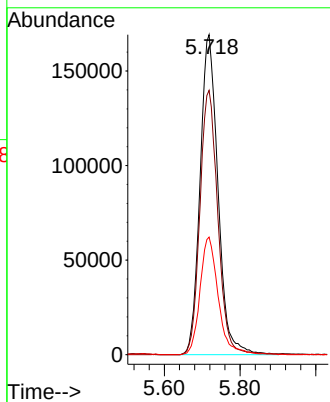
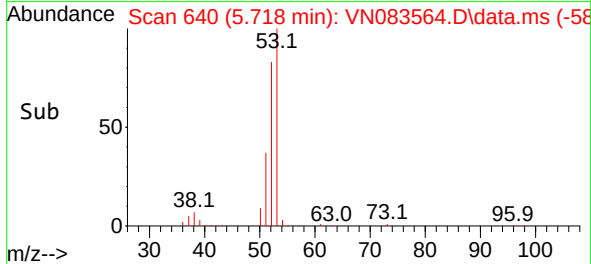
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 53 Resp: 555909
Ion Ratio Lower Upper
53 100
52 82.8 66.1 99.1
51 37.5 29.6 44.4

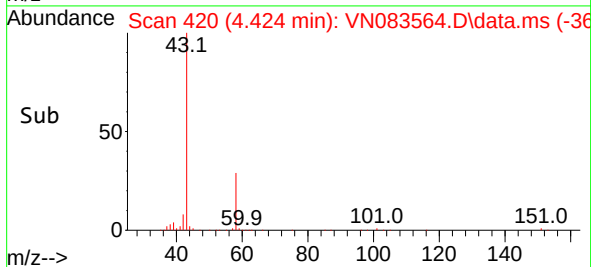
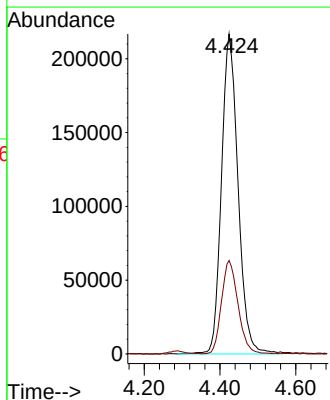
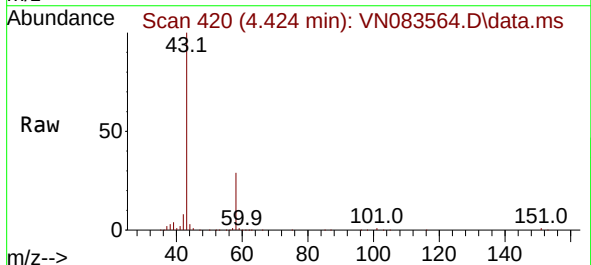
Manual Integrations
APPROVED

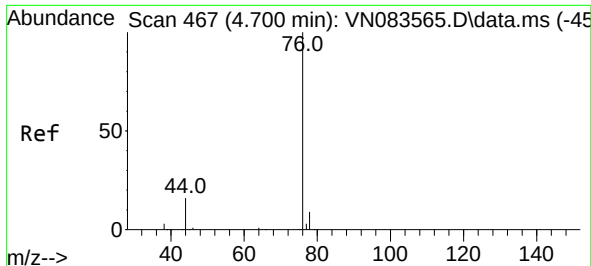
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#16
Acetone
Concen: 567.833 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion: 43 Resp: 659046
Ion Ratio Lower Upper
43 100
58 29.1 23.7 35.5





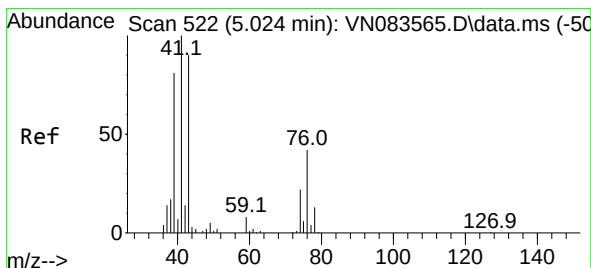
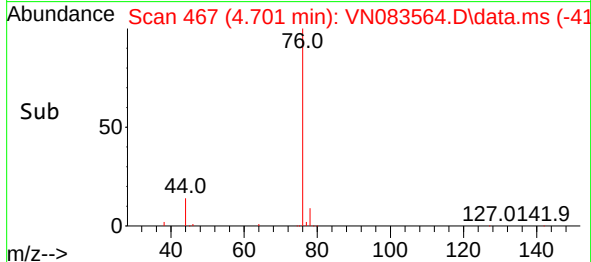
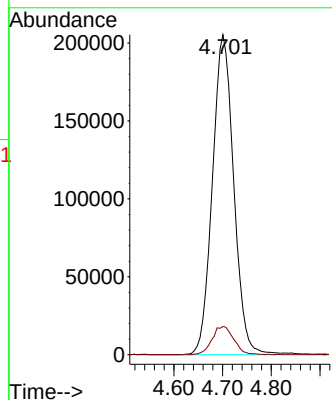
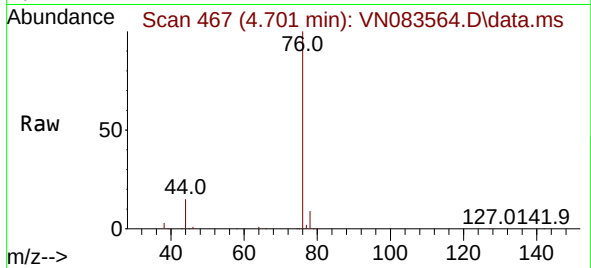
#17
Carbon Disulfide
Concen: 93.751 ug/l
RT: 4.701 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 62328
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

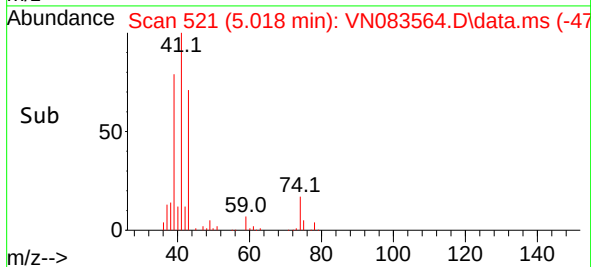
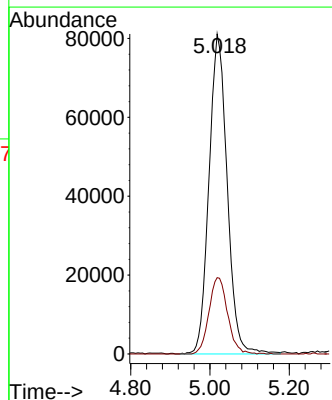
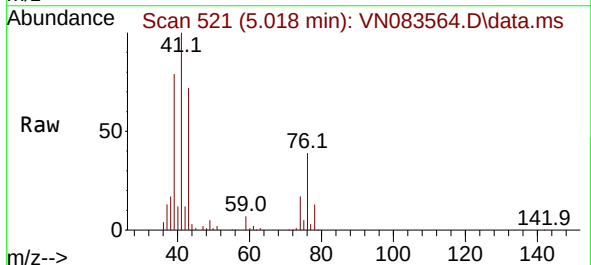
Manual Integrations
APPROVED

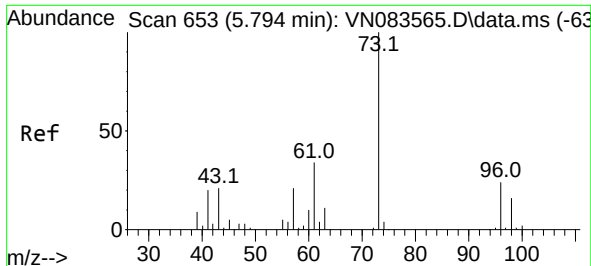
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#18
Methyl Acetate
Concen: 83.793 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion: 43 Resp: 258749
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.4





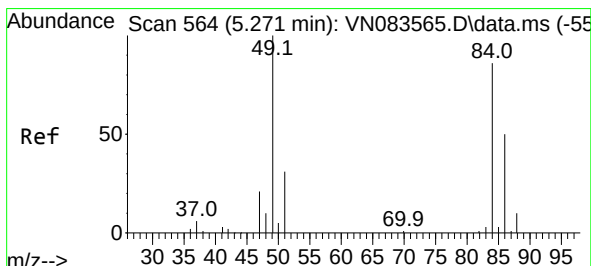
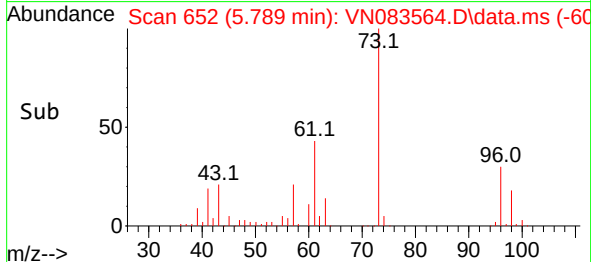
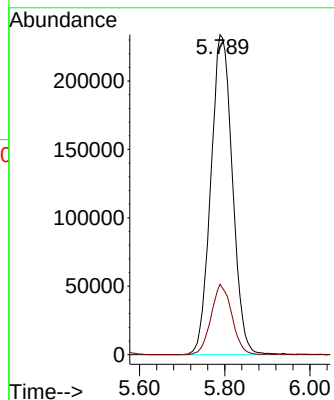
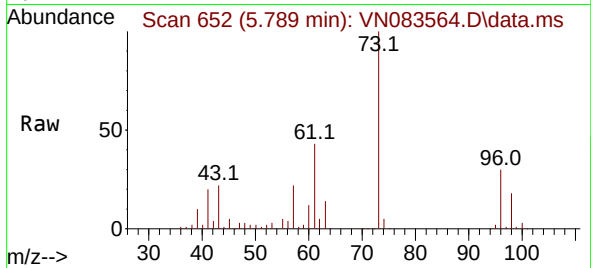
#19
Methyl tert-butyl Ether
Concen: 101.768 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 823550
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6

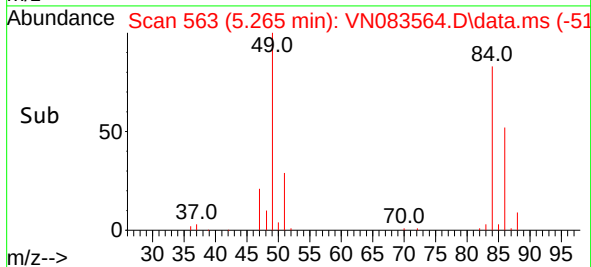
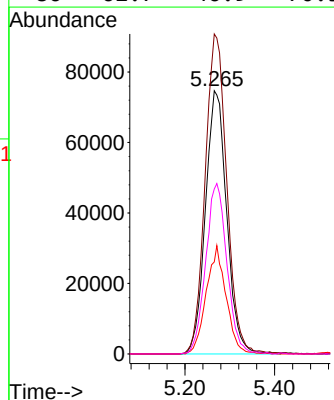
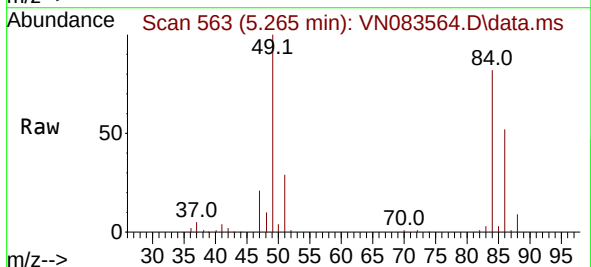
Manual Integrations
APPROVED

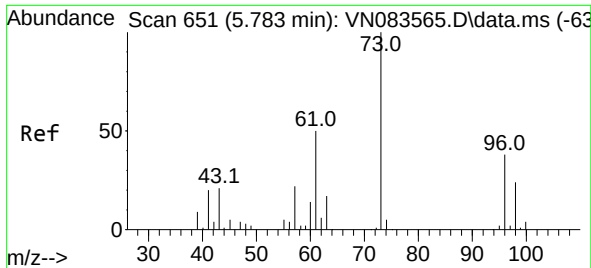
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#20
Methylene Chloride
Concen: 96.211 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

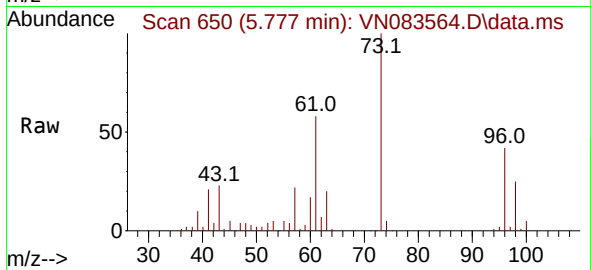
Tgt Ion: 84 Resp: 246591
Ion Ratio Lower Upper
84 100
49 121.6 93.4 140.0
51 35.0 29.2 43.8
86 62.7 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 98.581 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

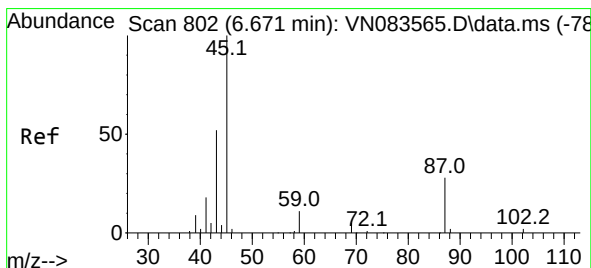
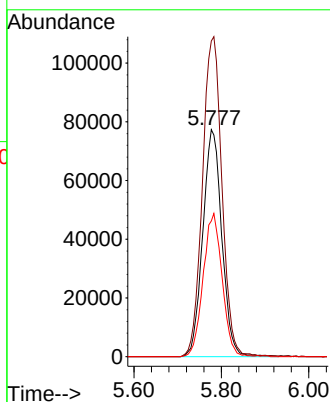
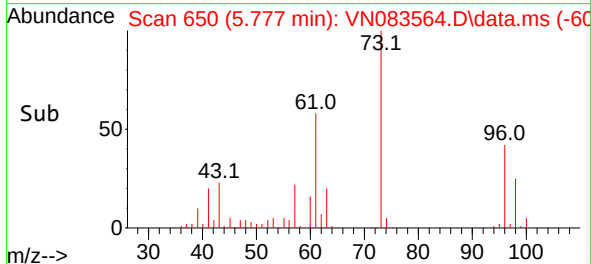
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 23426
Ion Ratio Lower Upper
96 100
61 139.0 106.0 159.0
98 59.7 52.2 78.2

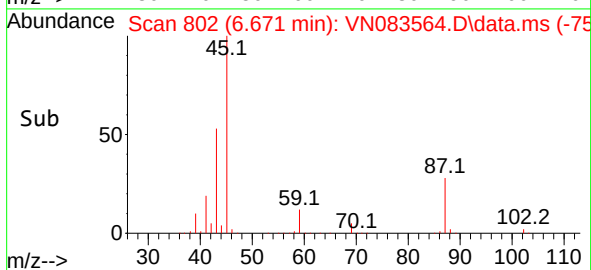
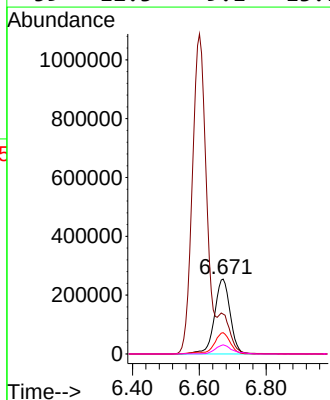
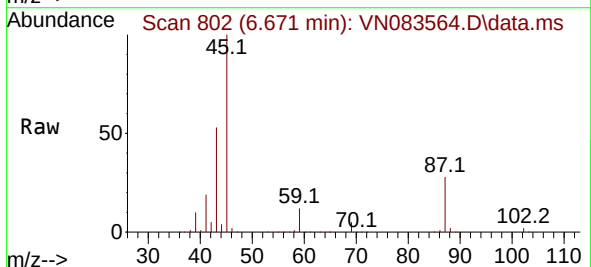
Manual Integrations
APPROVED

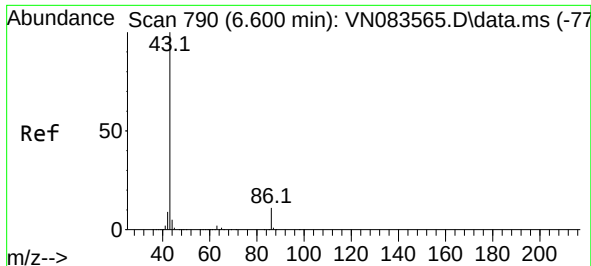
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#22
Diisopropyl ether
Concen: 103.442 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion: 45 Resp: 829657
Ion Ratio Lower Upper
45 100
43 52.9 43.4 65.0
87 28.5 22.6 33.8
59 12.3 9.1 13.7





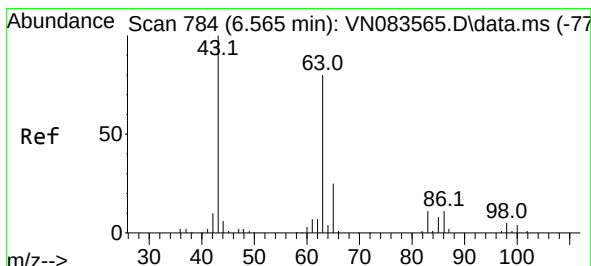
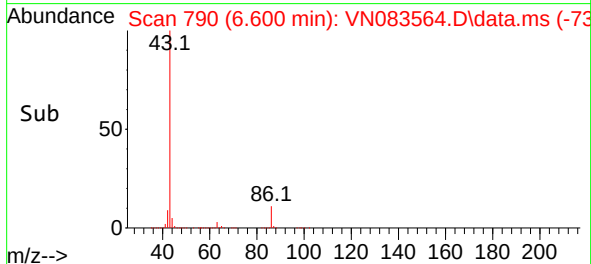
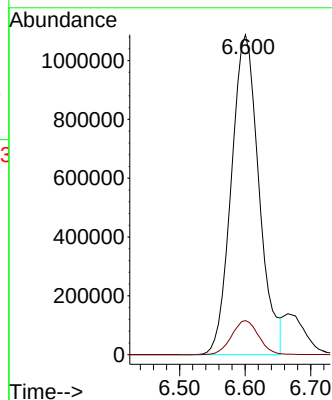
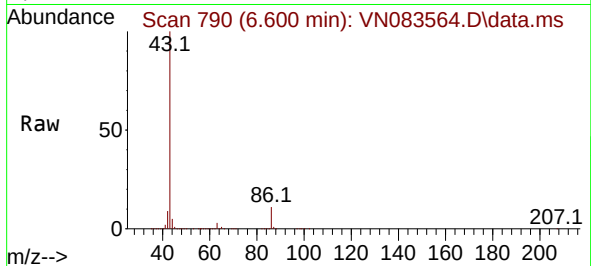
#23
 Vinyl Acetate
 Concen: 536.542 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083564.D
 Acq: 30 Aug 2024 08:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 3189108
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1

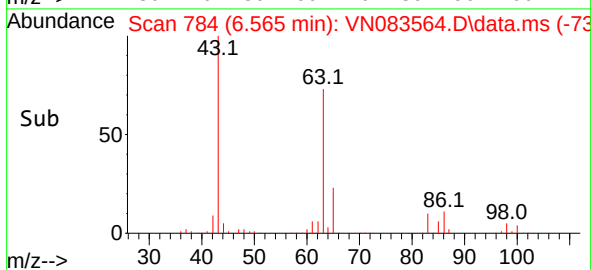
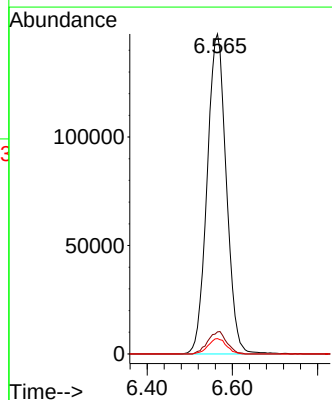
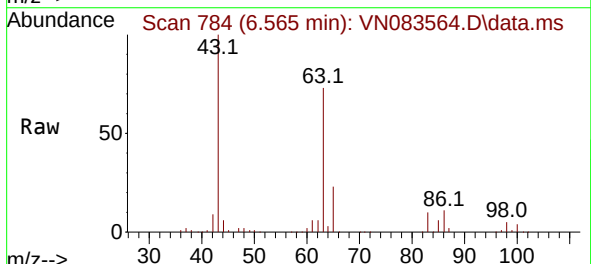
Manual Integrations
 APPROVED

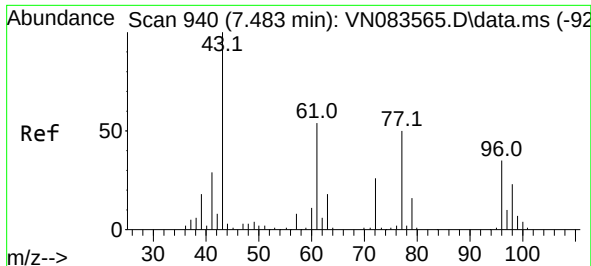
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#24
 1,1-Dichloroethane
 Concen: 100.770 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN083564.D
 Acq: 30 Aug 2024 08:54

Tgt Ion: 63 Resp: 460906
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.8 2.5 7.5





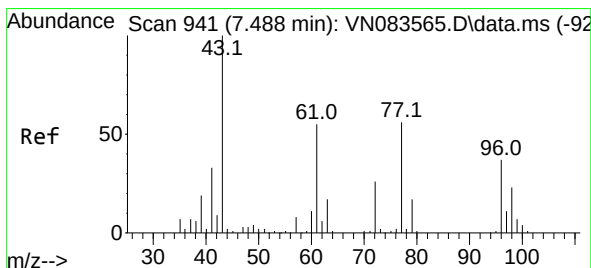
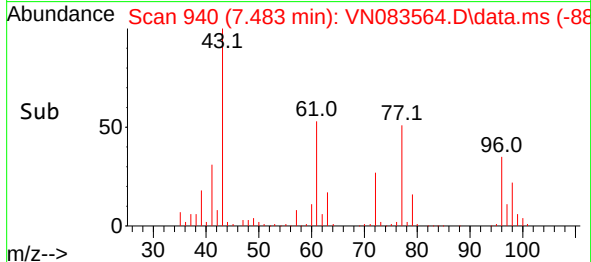
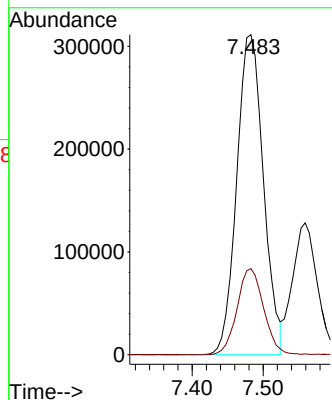
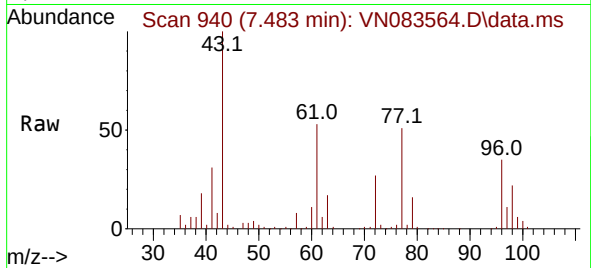
#25
2-Butanone
Concen: 515.777 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 815050
Ion Ratio Lower Upper
43 100
72 26.9 20.8 31.2

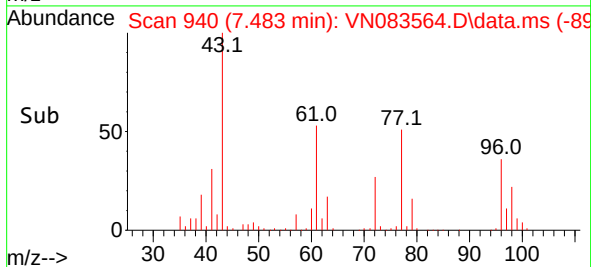
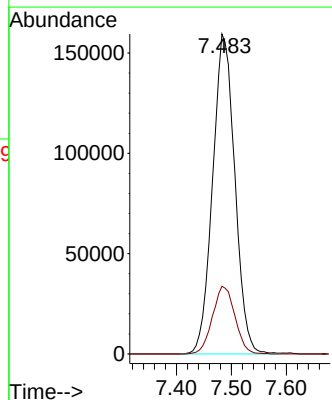
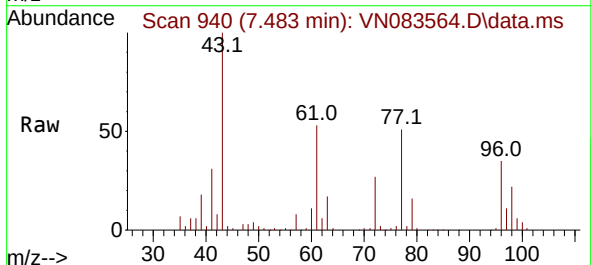
Manual Integrations
APPROVED

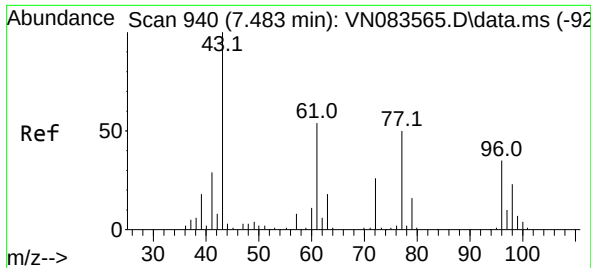
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#26
2,2-Dichloropropane
Concen: 105.221 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion: 77 Resp: 448077
Ion Ratio Lower Upper
77 100
97 21.4 10.2 30.4





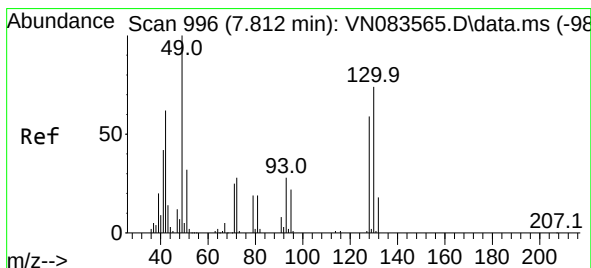
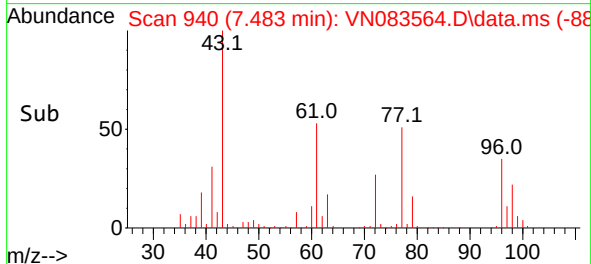
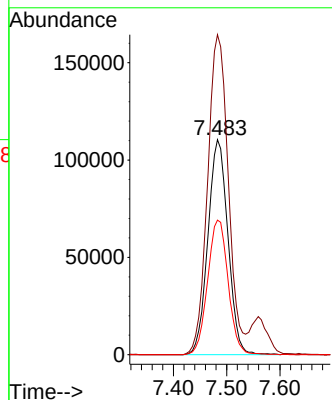
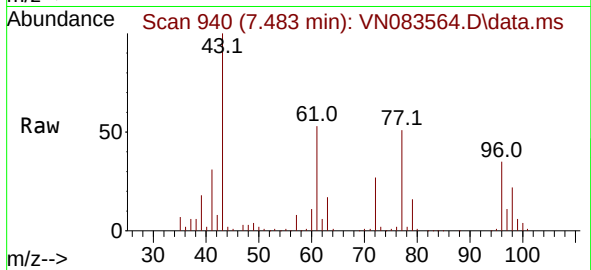
#27
 cis-1,2-Dichloroethene
 Concen: 101.885 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083564.D
 Acq: 30 Aug 2024 08:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion: 96 Resp: 288915
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 306.2
 98 64.2 0.0 128.6

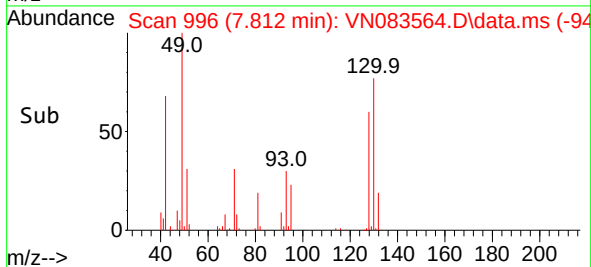
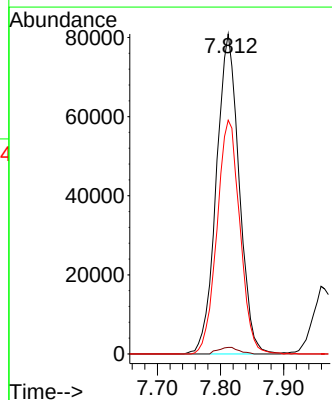
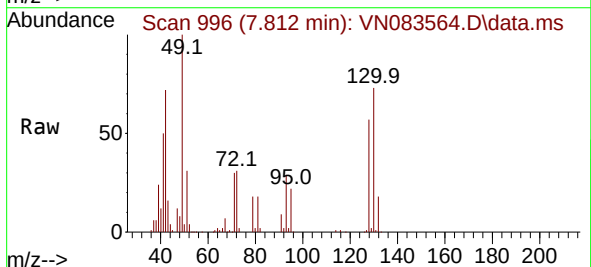
Manual Integrations
 APPROVED

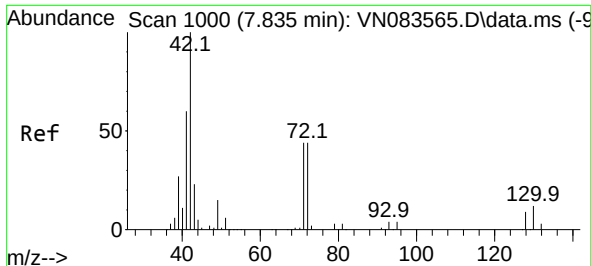
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#28
 Bromochloromethane
 Concen: 95.041 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083564.D
 Acq: 30 Aug 2024 08:54

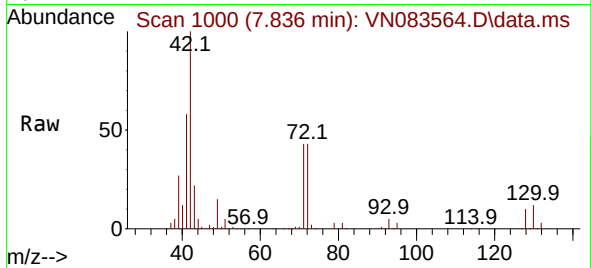
Tgt Ion: 49 Resp: 202994
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 73.5 60.2 90.2





#29
Tetrahydrofuran
Concen: 501.822 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

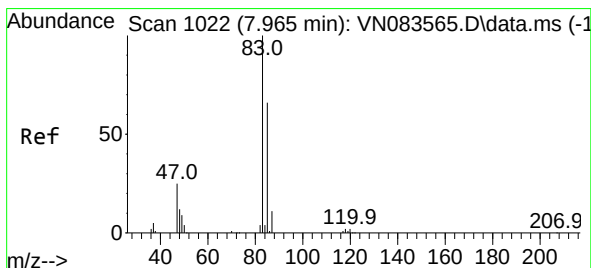
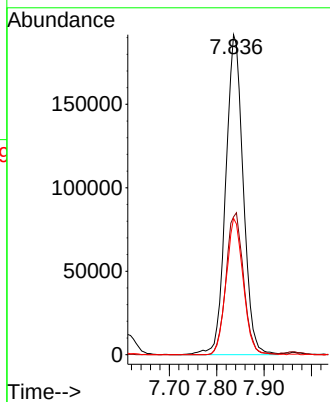
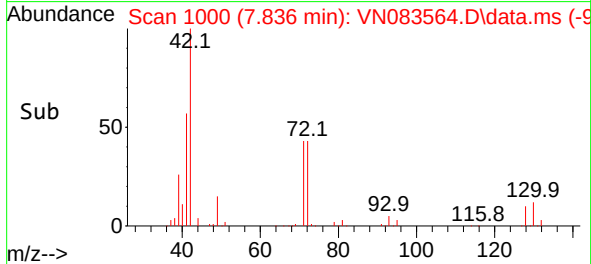
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 42 Resp: 49187
Ion Ratio Lower Upper
42 100
72 44.4 35.9 53.9
71 41.7 33.9 50.9

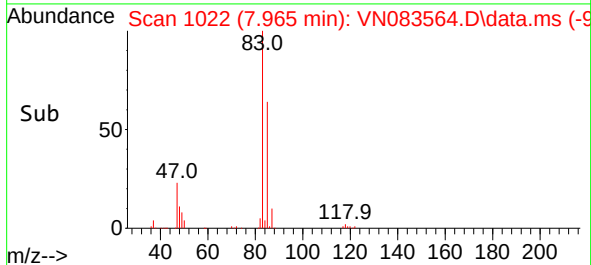
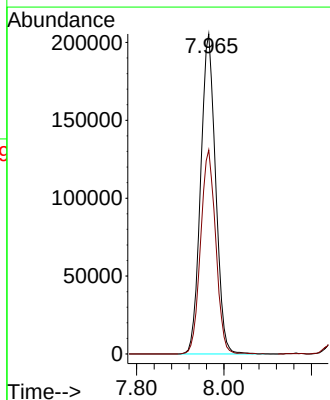
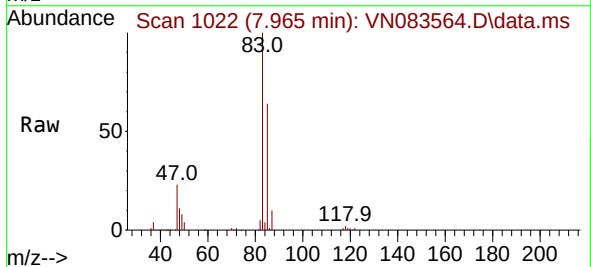
Manual Integrations
APPROVED

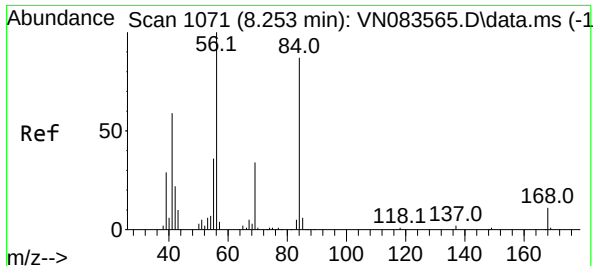
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#30
Chloroform
Concen: 101.557 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

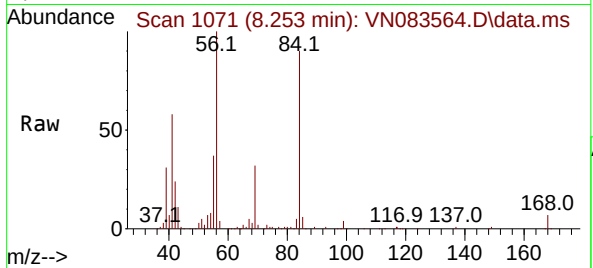
Tgt Ion: 83 Resp: 489388
Ion Ratio Lower Upper
83 100
85 63.7 52.8 79.2





#31
Cyclohexane
Concen: 92.187 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

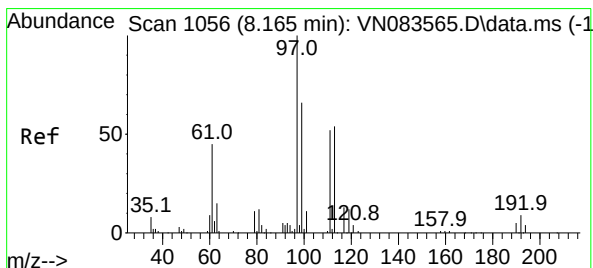
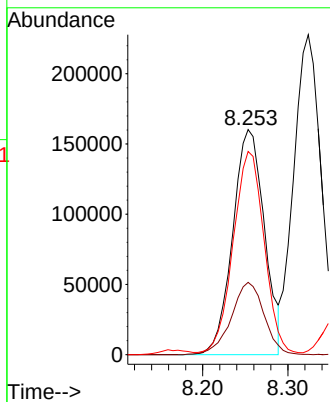
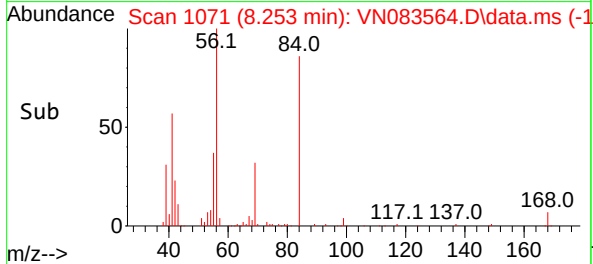
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



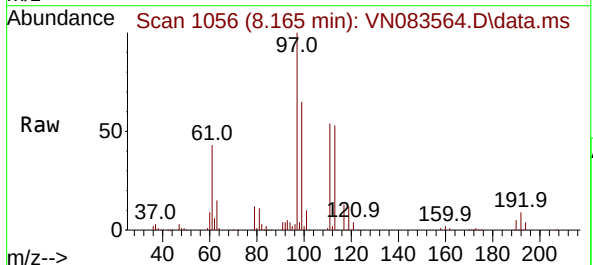
Tgt Ion: 56 Resp: 415034
Ion Ratio Lower Upper
56 100
69 32.1 26.9 40.3
84 88.2 69.2 103.8

Manual Integrations
APPROVED

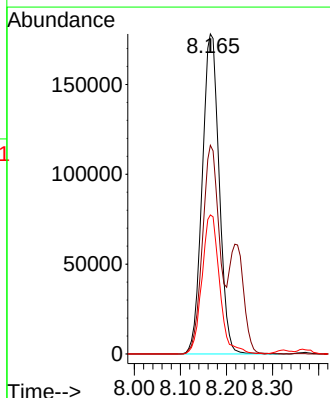
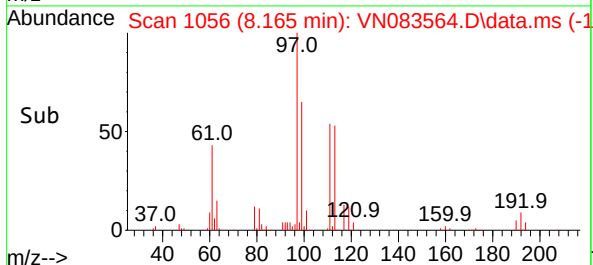
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

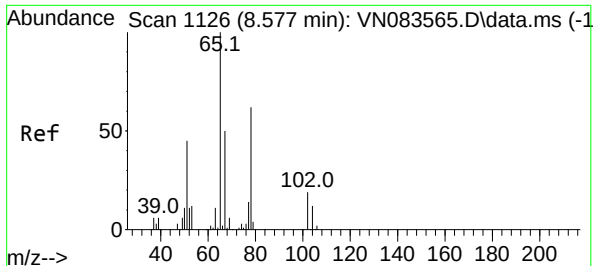


#32
1,1,1-Trichloroethane
Concen: 104.663 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54



Tgt Ion: 97 Resp: 456065
Ion Ratio Lower Upper
97 100
99 66.5 52.3 78.5
61 45.5 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 102.867 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 299390

Ion Ratio Lower Upper

65 100

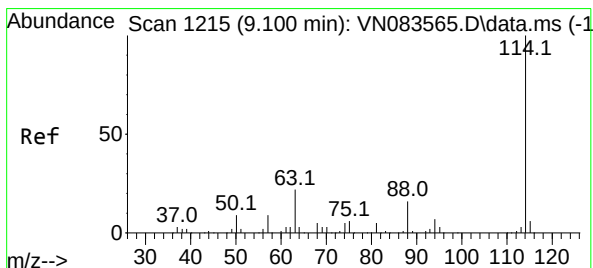
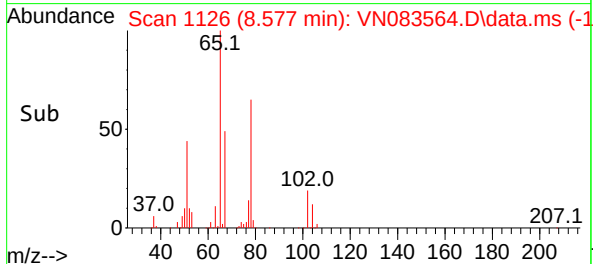
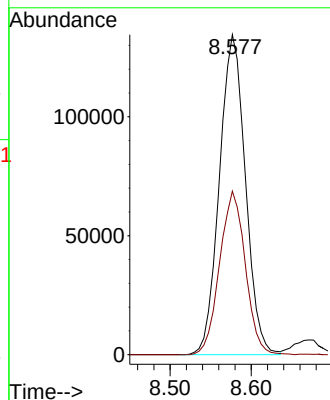
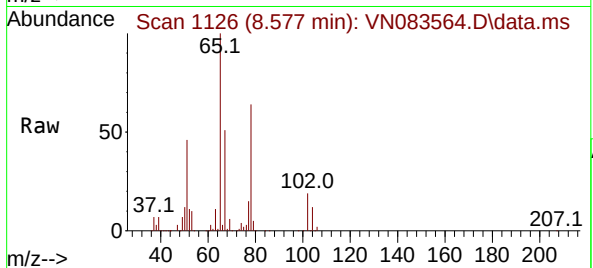
67 50.6 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

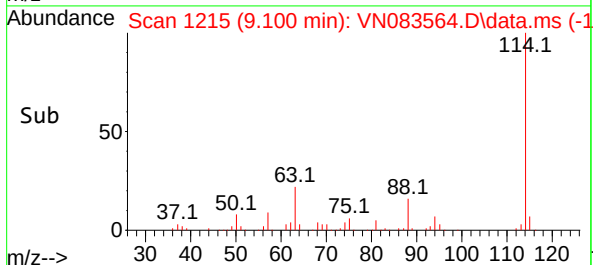
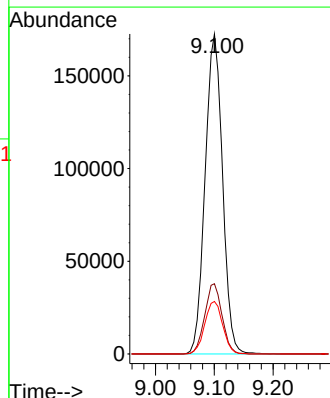
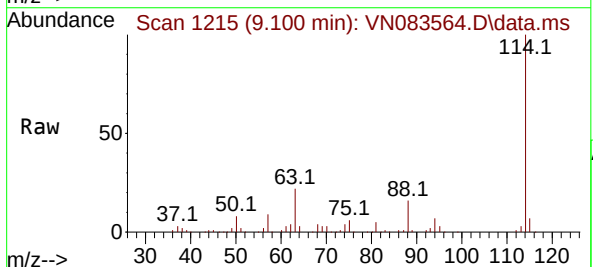
Tgt Ion:114 Resp: 354274

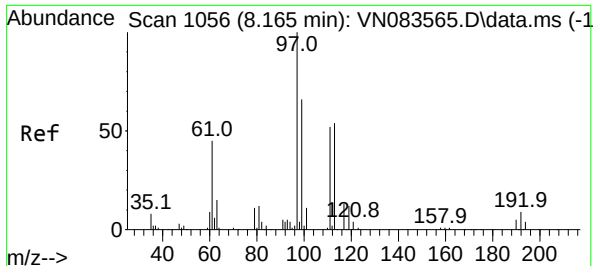
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

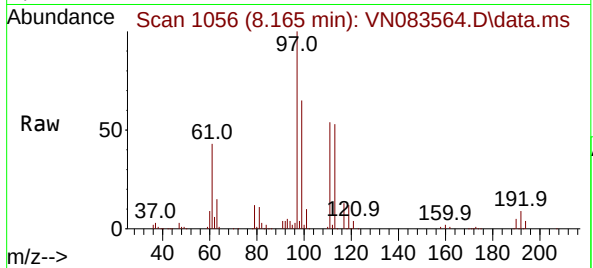
88 16.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 102.980 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

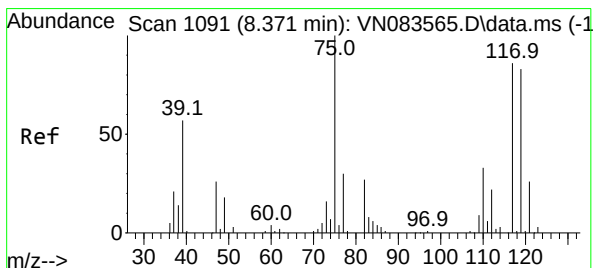
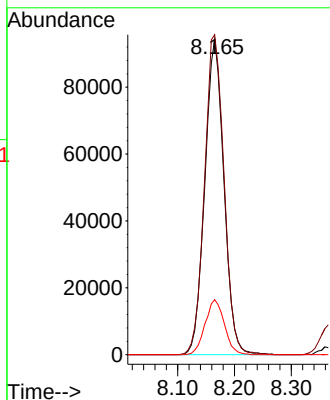
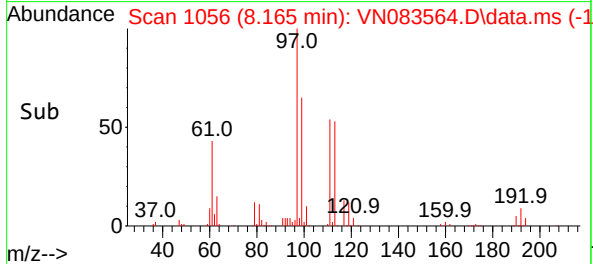
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



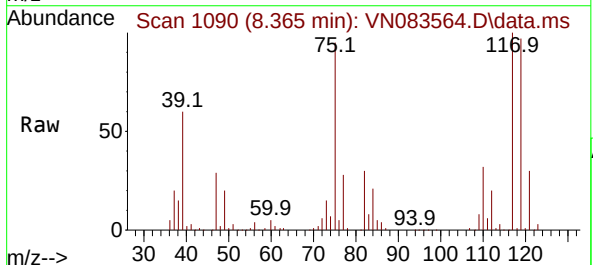
Tgt Ion: 113 Resp: 219584
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 17.6 14.3 21.5

Manual Integrations
APPROVED

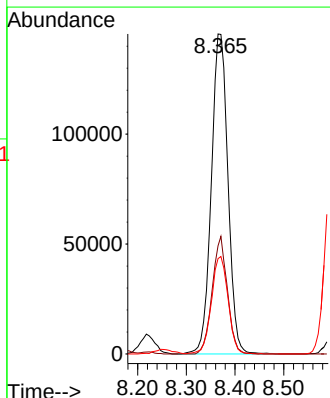
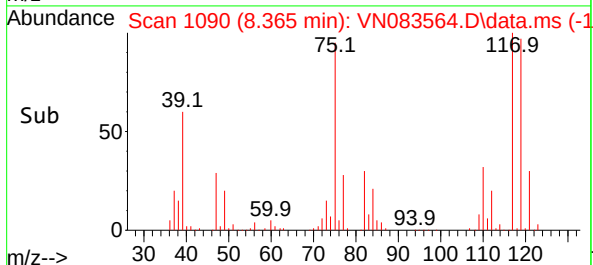
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

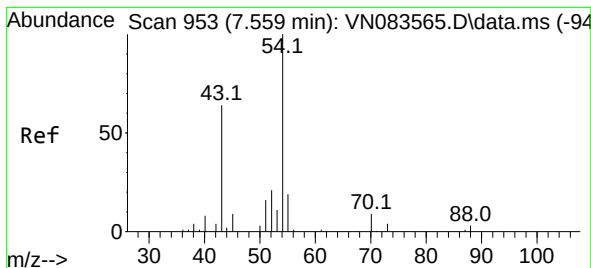


#36
1,1-Dichloropropene
Concen: 105.922 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54



Tgt Ion: 75 Resp: 344504
Ion Ratio Lower Upper
75 100
110 33.5 16.7 50.1
77 30.6 25.2 37.8





#37

Ethyl Acetate

Concen: 99.047 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 32060

Ion Ratio Lower Upper

43 100

61 13.1 11.1 16.7

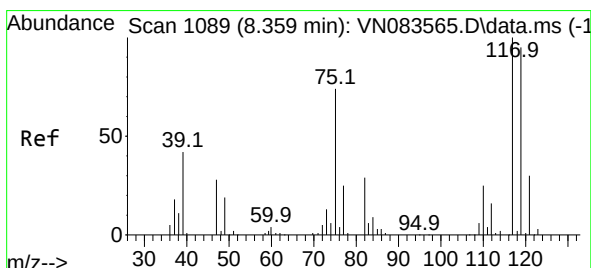
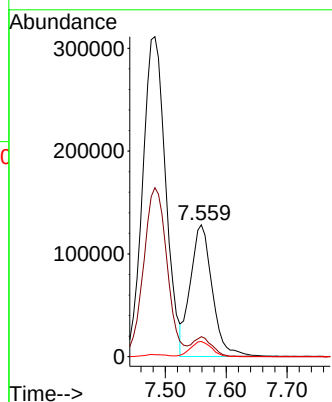
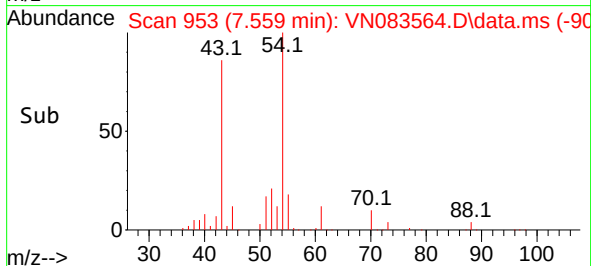
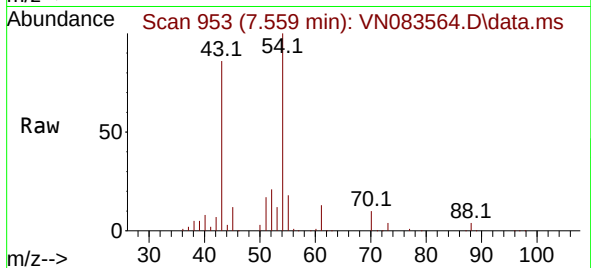
70 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#38

Carbon Tetrachloride

Concen: 106.796 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

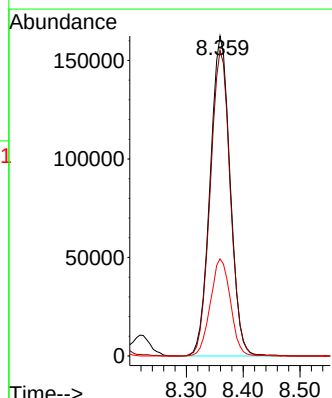
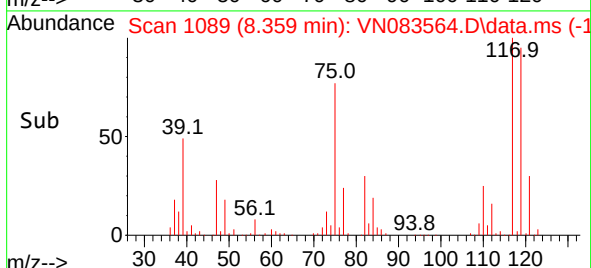
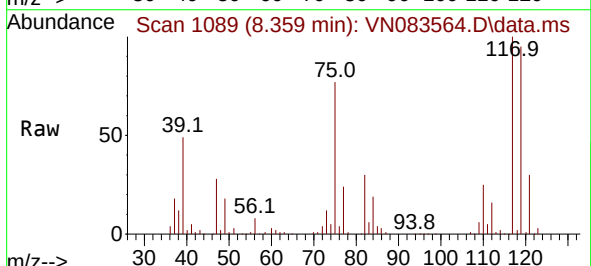
Tgt Ion:117 Resp: 396307

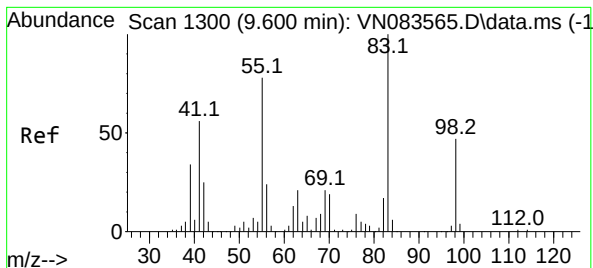
Ion Ratio Lower Upper

117 100

119 95.5 76.1 114.1

121 30.4 24.1 36.1





#39

Methylcyclohexane

Concen: 111.465 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 43502

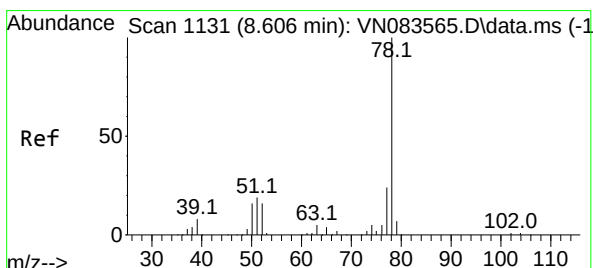
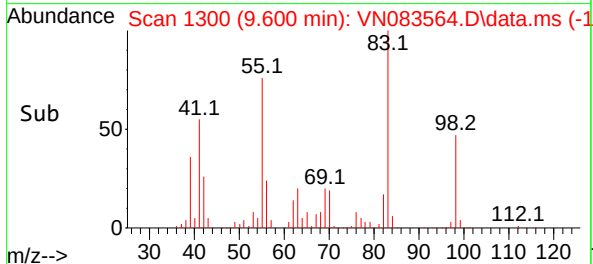
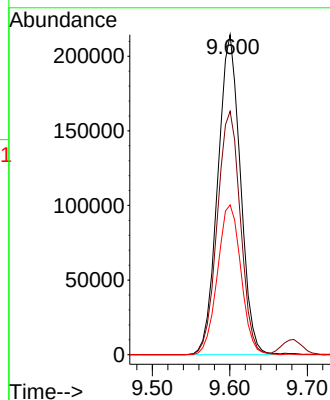
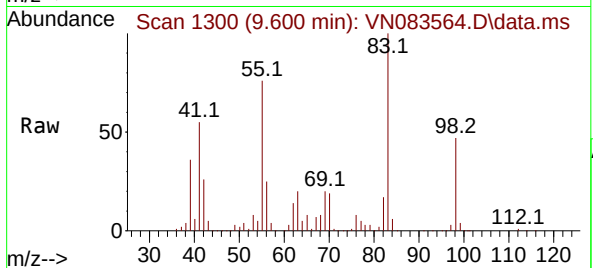
Ion	Ratio	Lower	Upper
83	100		
55	76.0	62.2	93.4
98	46.8	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#40

Benzene

Concen: 103.117 ug/l

RT: 8.600 min Scan# 1130

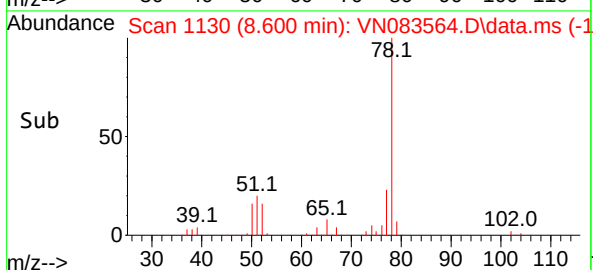
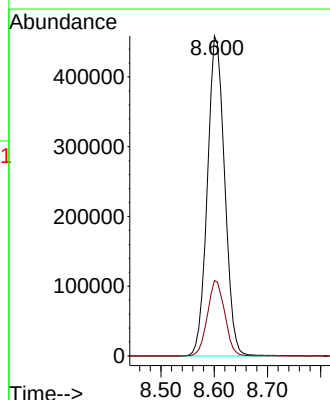
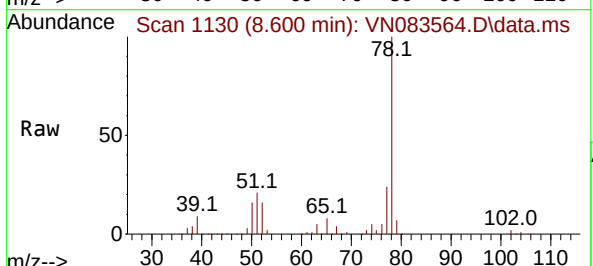
Delta R.T. -0.006 min

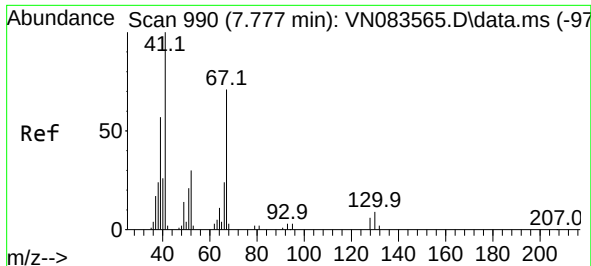
Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

Tgt Ion: 78 Resp: 1031702

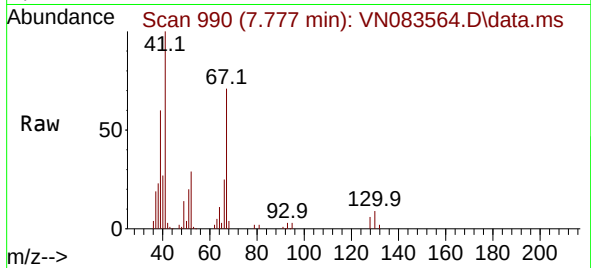
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





#41
Methacrylonitrile
Concen: 101.893 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

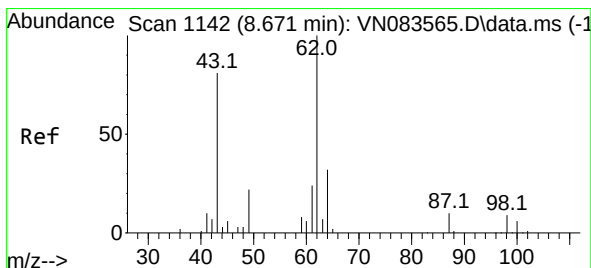
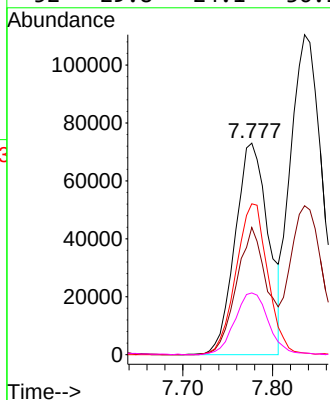
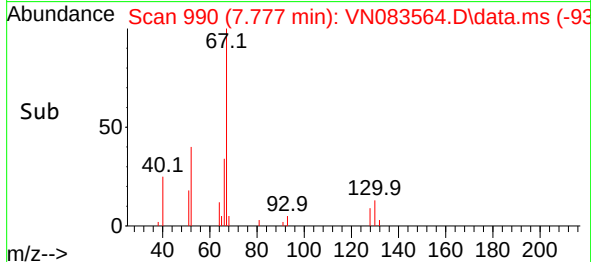
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 18821
Ion Ratio Lower Upper
41 100
39 55.9 45.4 68.2
67 68.4 55.9 83.9
52 29.8 24.1 36.1

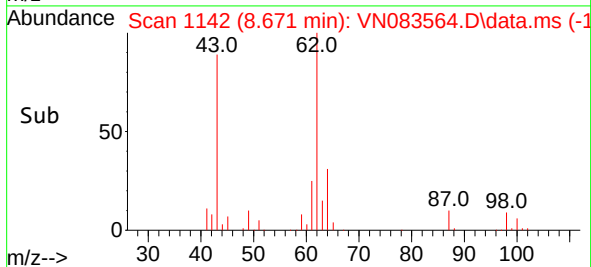
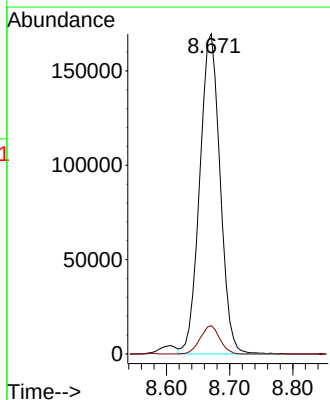
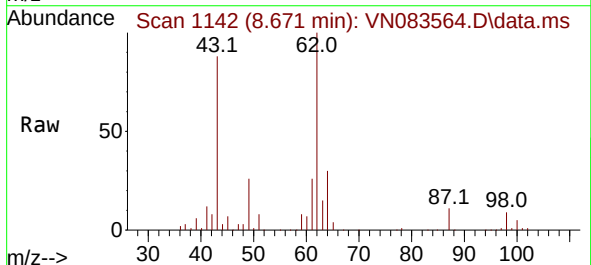
Manual Integrations
APPROVED

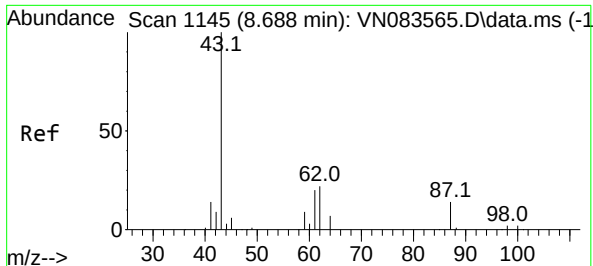
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#42
1,2-Dichloroethane
Concen: 102.495 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion: 62 Resp: 380127
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.6





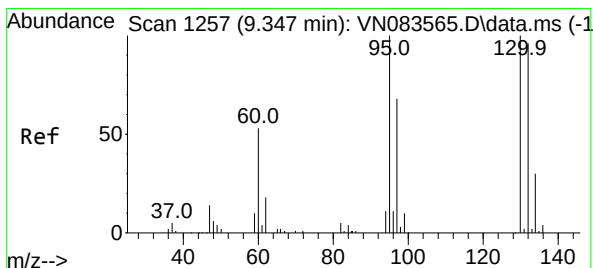
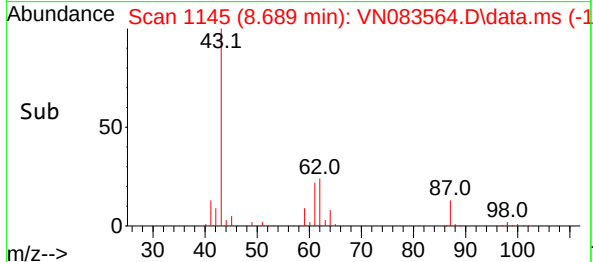
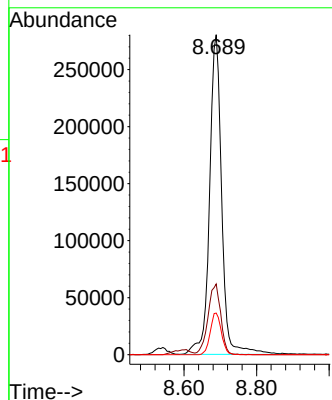
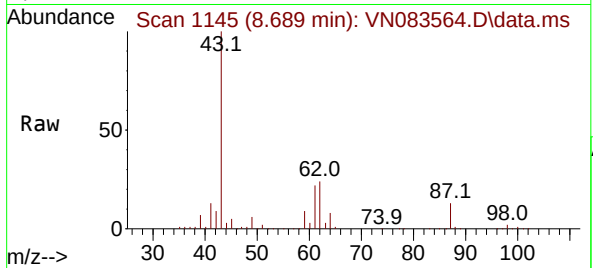
#43
Isopropyl Acetate
Concen: 101.532 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.001 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 65172
Ion Ratio Lower Upper
43 100
61 23.2 19.4 29.0
87 11.9 9.8 14.6

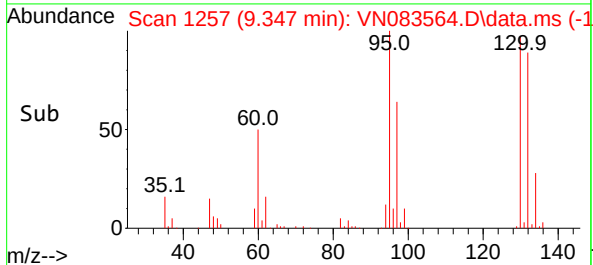
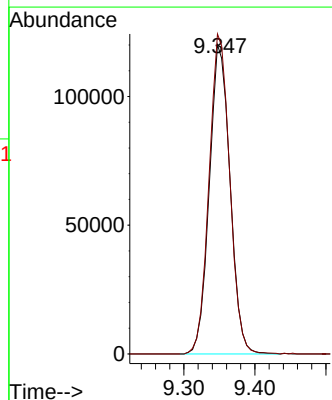
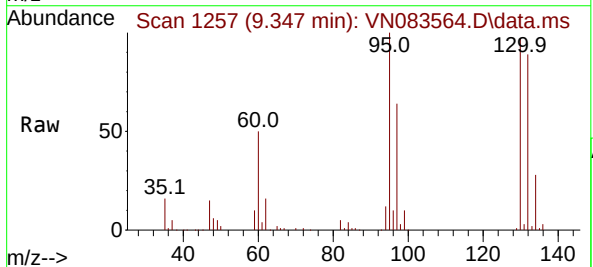
Manual Integrations
APPROVED

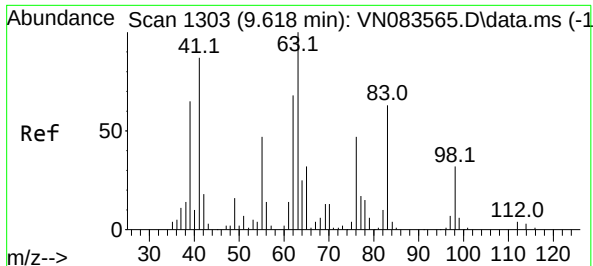
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#44
Trichloroethene
Concen: 100.987 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion:130 Resp: 243055
Ion Ratio Lower Upper
130 100
95 103.5 0.0 200.4





#45

1,2-Dichloropropane

Concen: 105.903 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 24682

Ion Ratio Lower Upper

63 100

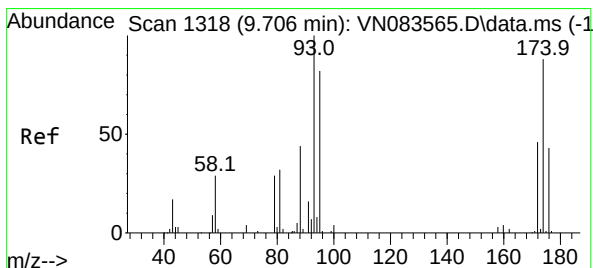
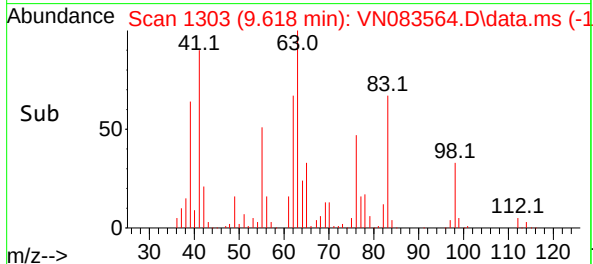
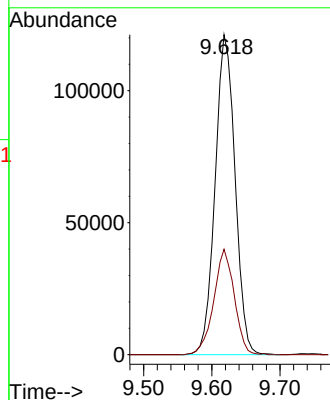
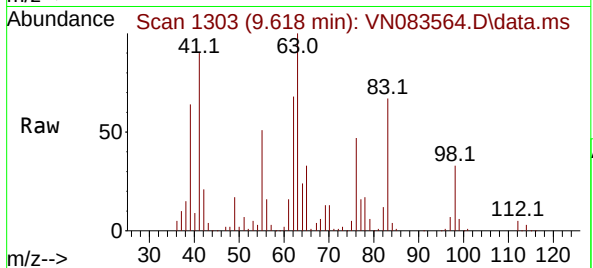
65 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#46

Dibromomethane

Concen: 102.895 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

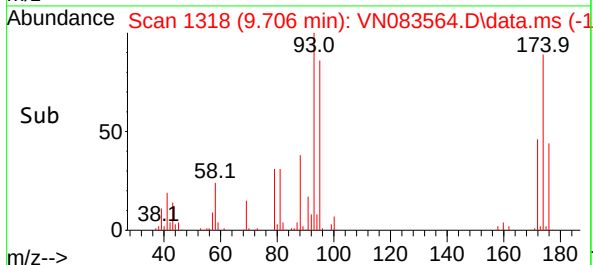
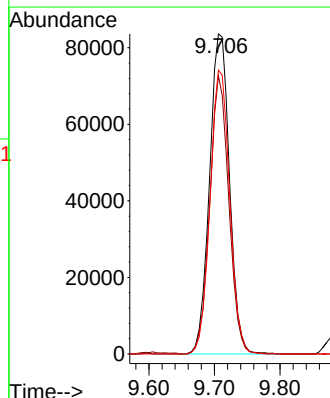
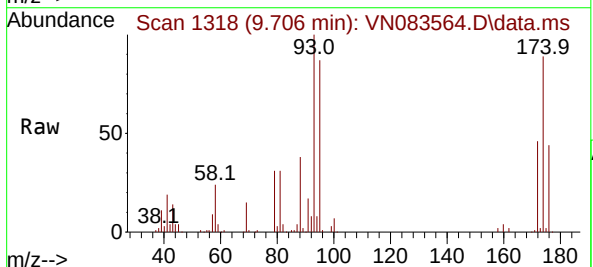
Tgt Ion: 93 Resp: 176924

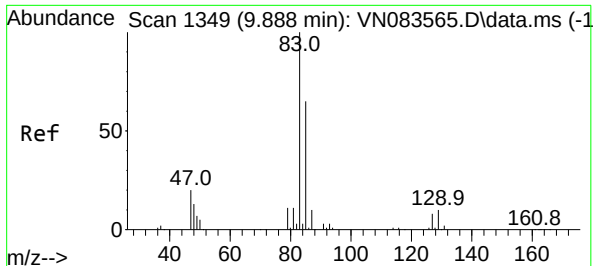
Ion Ratio Lower Upper

93 100

95 82.9 65.3 97.9

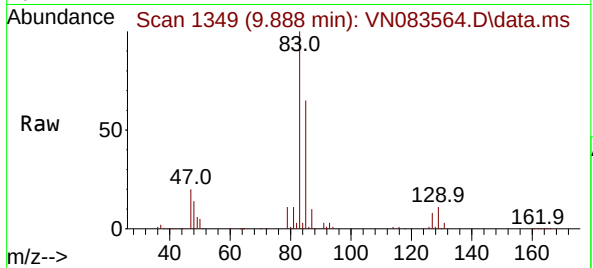
174 87.2 71.0 106.4





#47
Bromodichloromethane
Concen: 106.269 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

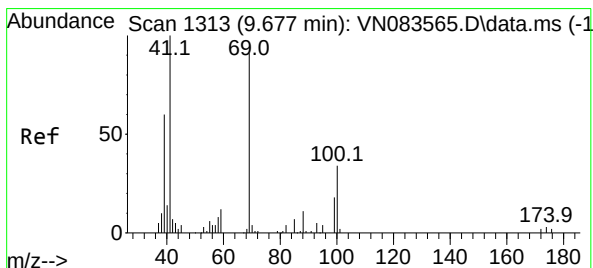
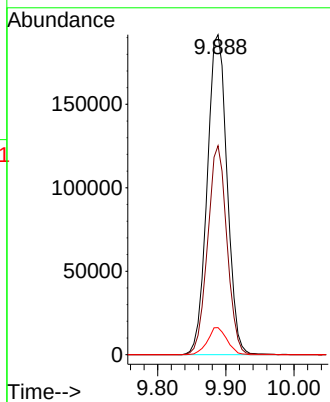
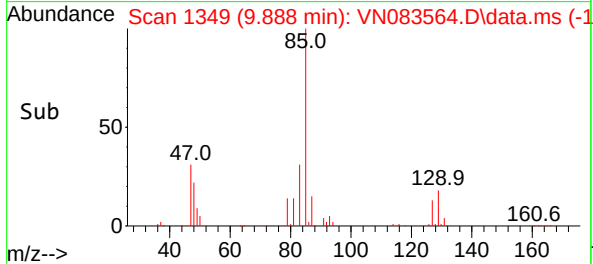
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



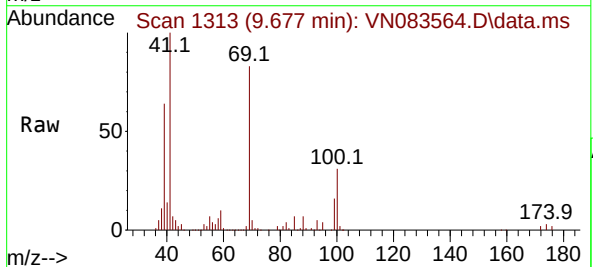
Tgt Ion: 83 Resp: 388968
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8
127 8.4 6.6 9.8

Manual Integrations
APPROVED

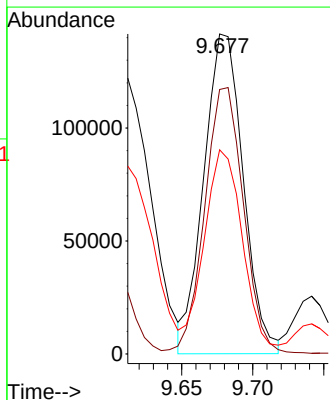
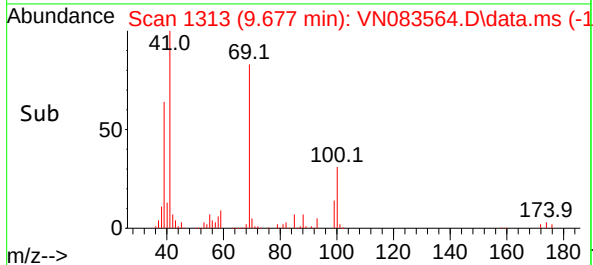
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

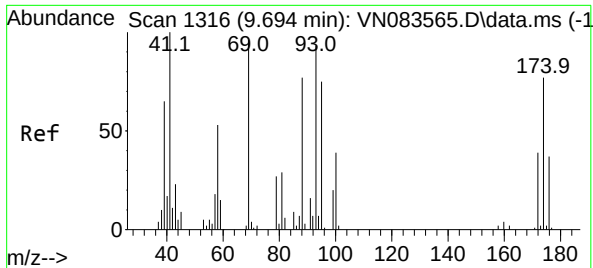


#48
Methyl methacrylate
Concen: 103.016 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54



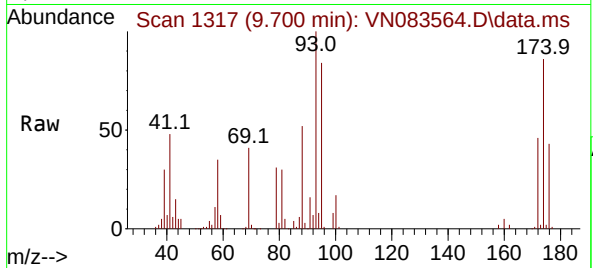
Tgt Ion: 41 Resp: 273498
Ion Ratio Lower Upper
41 100
69 82.4 64.3 96.5
39 62.9 48.9 73.3





#49
1,4-Dioxane
Concen: 1872.767 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

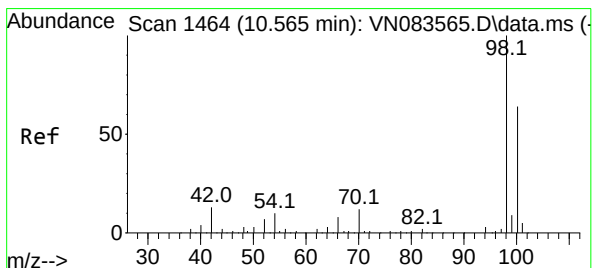
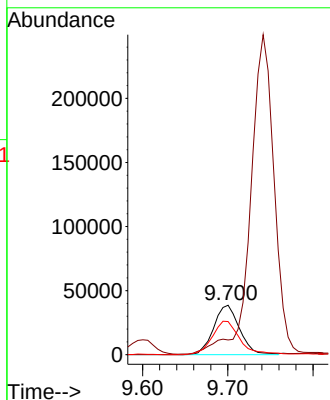
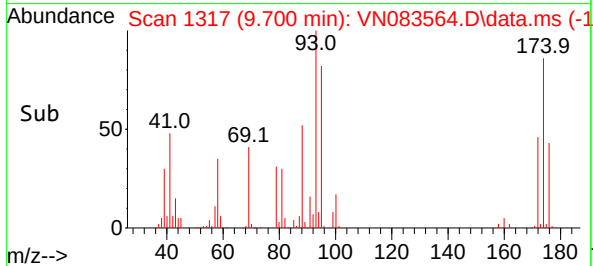
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 8147
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.1 57.1 85.7

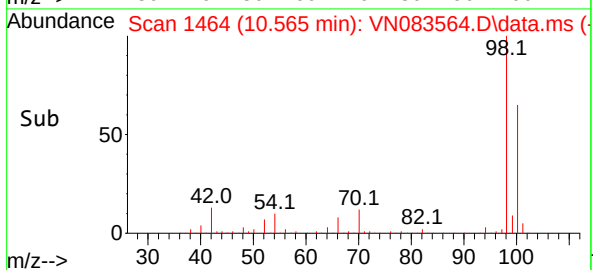
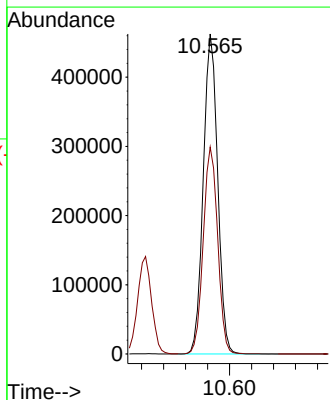
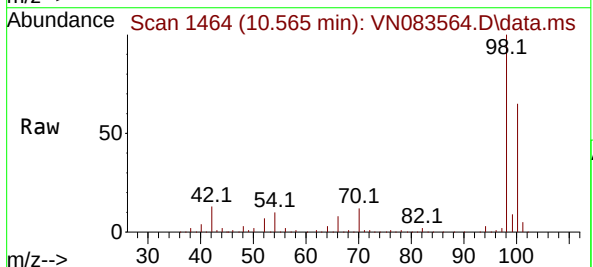
Manual Integrations
APPROVED

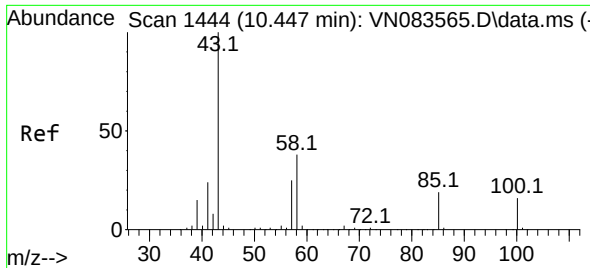
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#50
Toluene-d8
Concen: 99.800 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

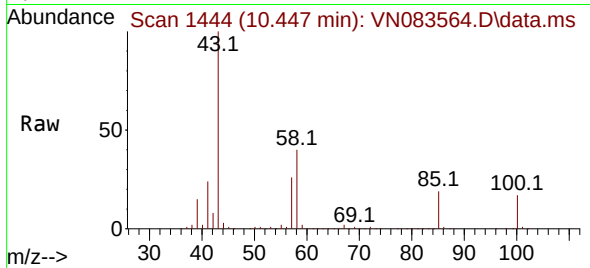
Tgt Ion: 98 Resp: 839296
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 518.431 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

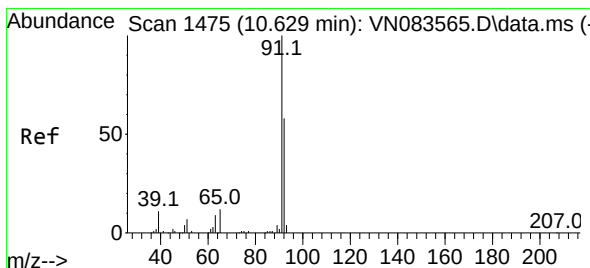
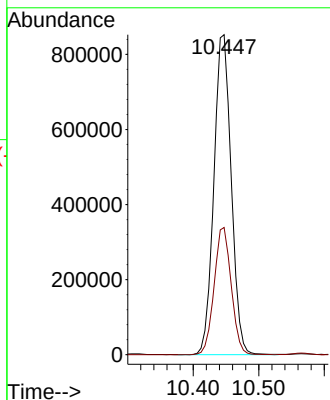
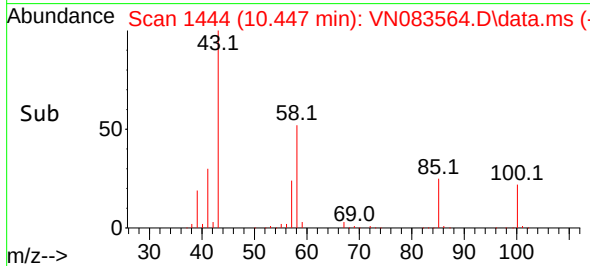
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



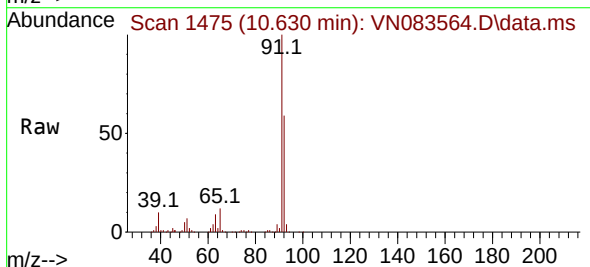
Tgt Ion: 43 Resp: 156011
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4

Manual Integrations
APPROVED

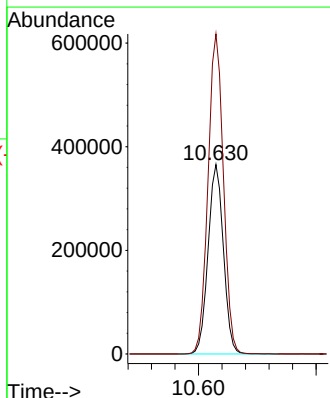
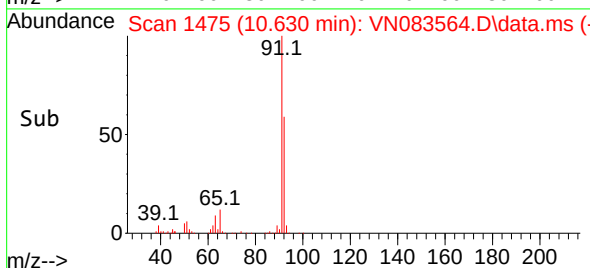
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

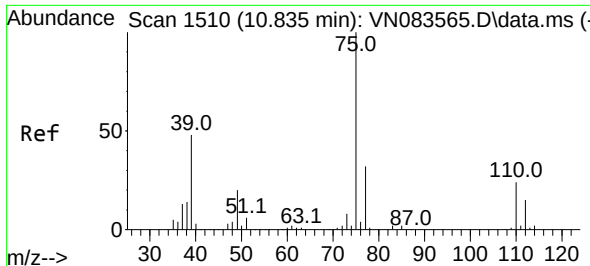


#52
Toluene
Concen: 105.483 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54



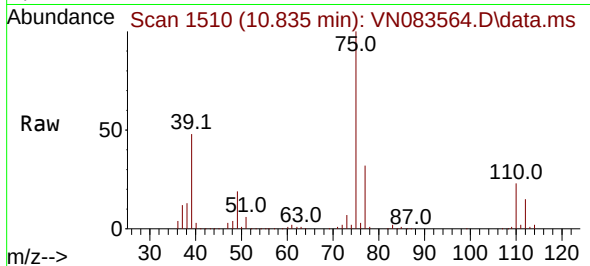
Tgt Ion: 92 Resp: 660049
Ion Ratio Lower Upper
92 100
91 169.9 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 109.147 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

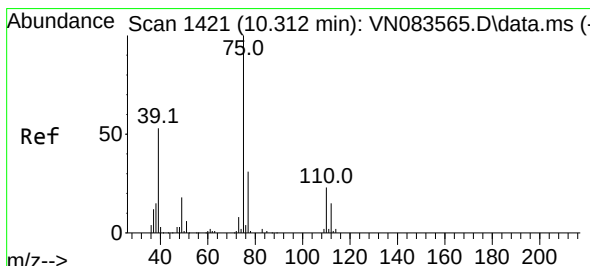
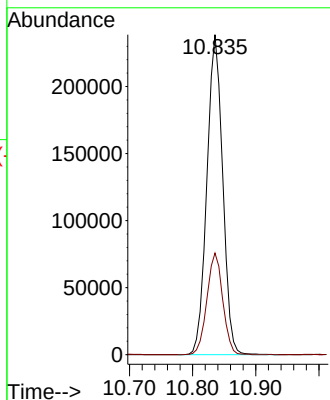
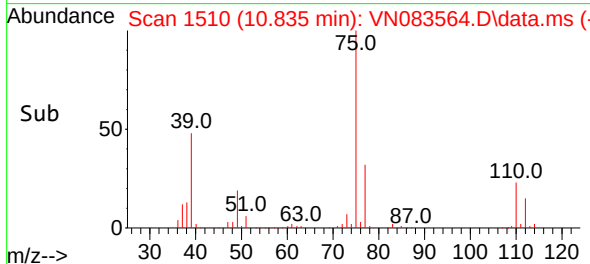
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



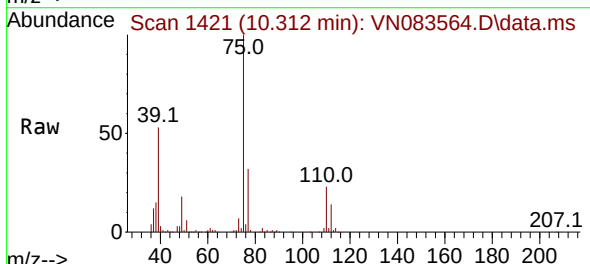
Tgt Ion: 75 Resp: 413574
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6

Manual Integrations
APPROVED

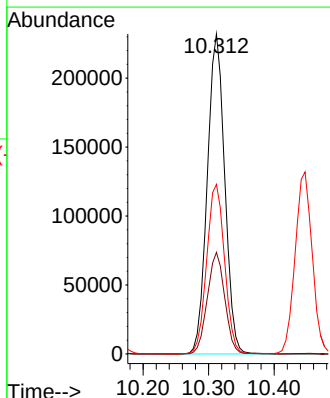
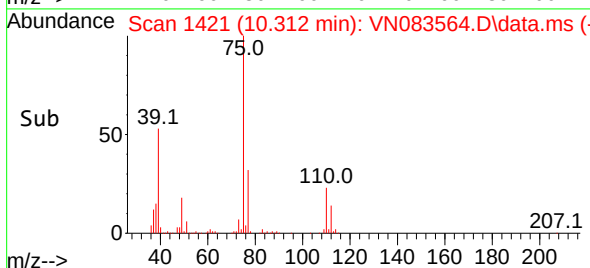
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

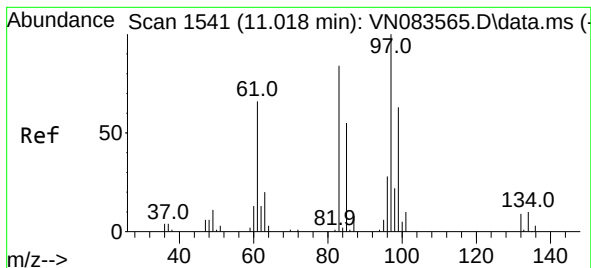


#54
cis-1,3-Dichloropropene
Concen: 107.834 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54



Tgt Ion: 75 Resp: 428877
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 53.0 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 105.012 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 234534

Ion Ratio Lower Upper

97 100

83 87.5 67.5 101.3

85 57.5 44.2 66.2

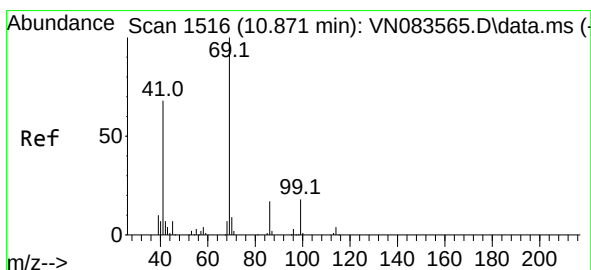
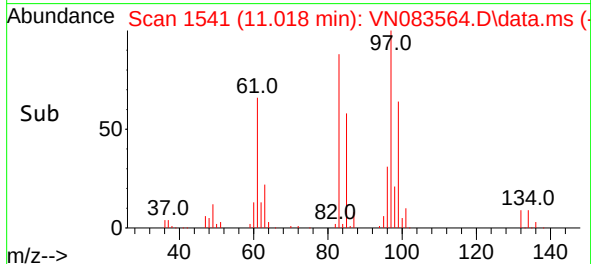
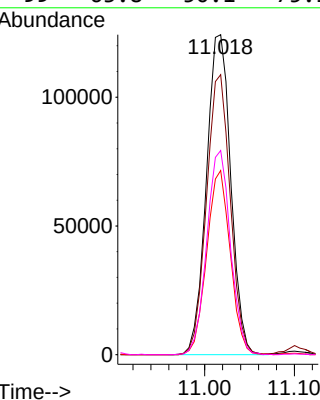
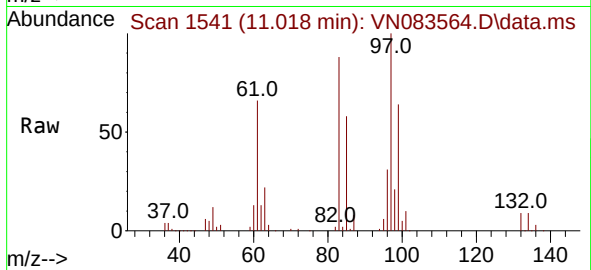
99 63.8 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#56

Ethyl methacrylate

Concen: 111.012 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

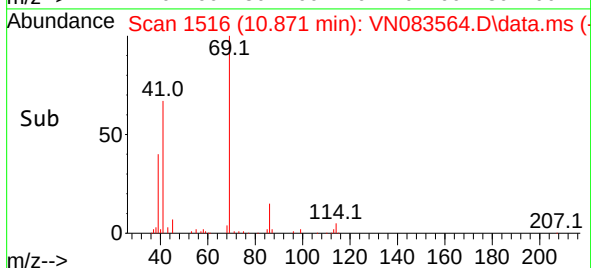
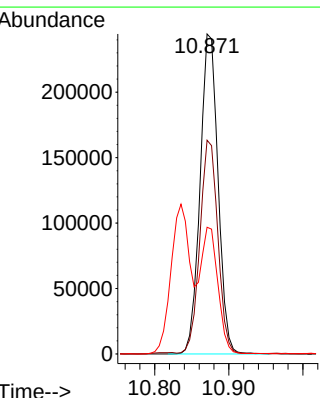
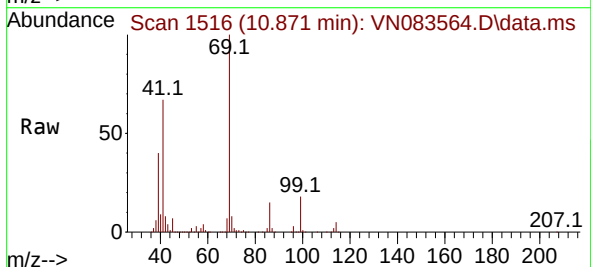
Tgt Ion: 69 Resp: 410162

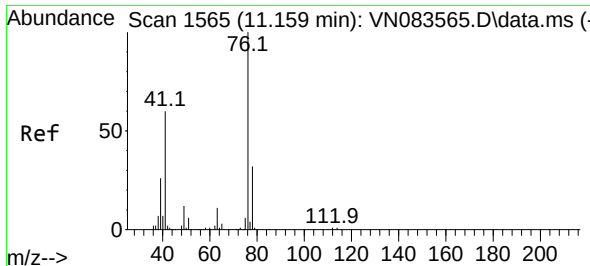
Ion Ratio Lower Upper

69 100

41 66.6 53.9 80.9

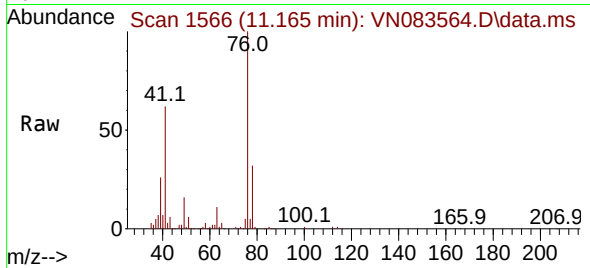
39 39.0 32.6 48.8





#57
1,3-Dichloropropane
Concen: 102.702 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

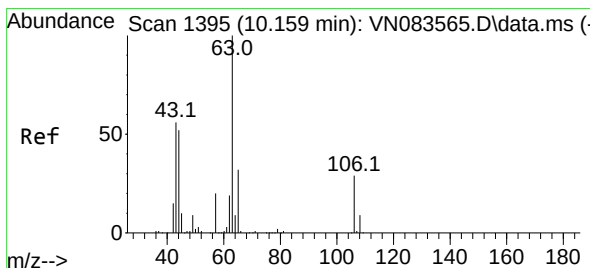
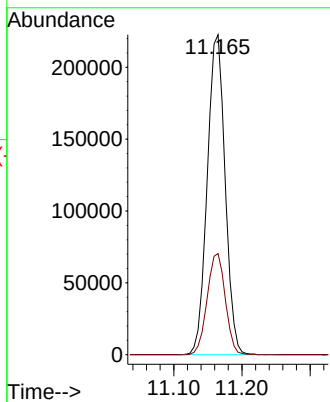
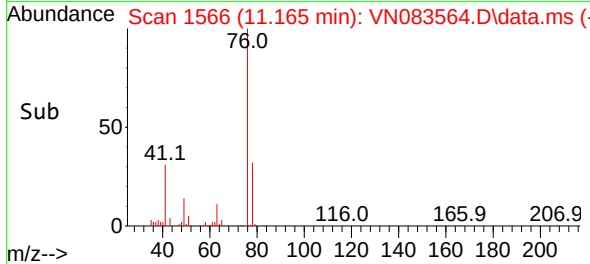
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 406084
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6

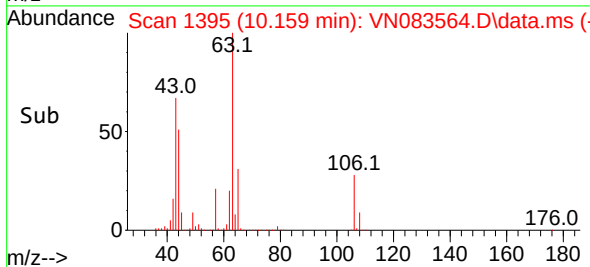
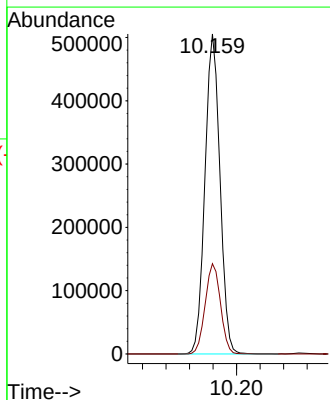
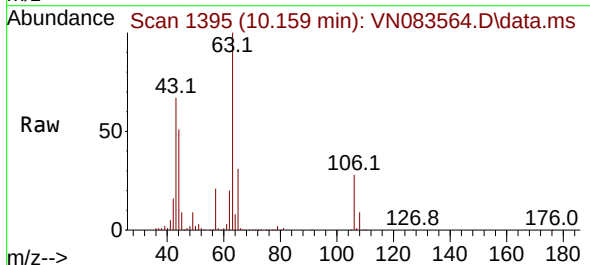
Manual Integrations
APPROVED

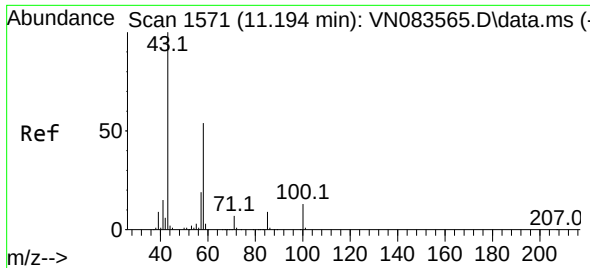
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 556.105 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

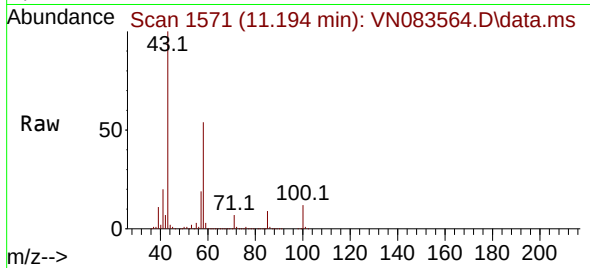
Tgt Ion: 63 Resp: 892784
Ion Ratio Lower Upper
63 100
106 28.7 23.3 34.9





#59
2-Hexanone
Concen: 528.292 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

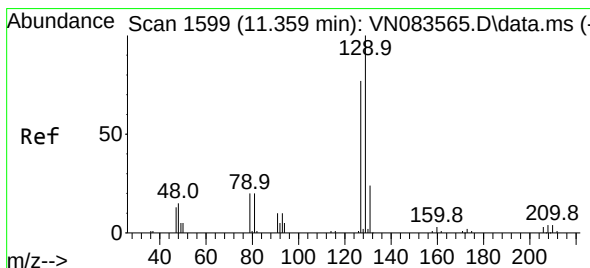
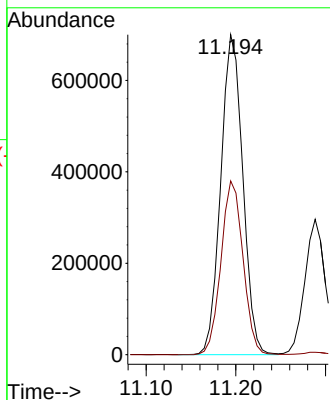
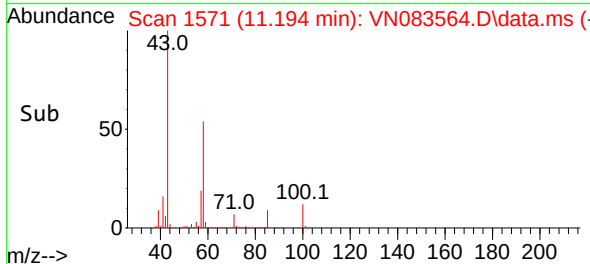
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1193094
Ion Ratio Lower Upper
43 100
58 54.3 27.2 81.5

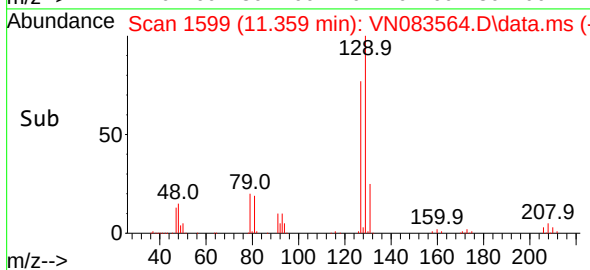
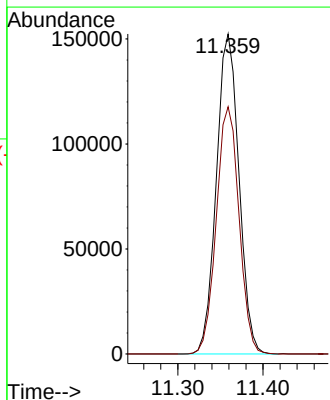
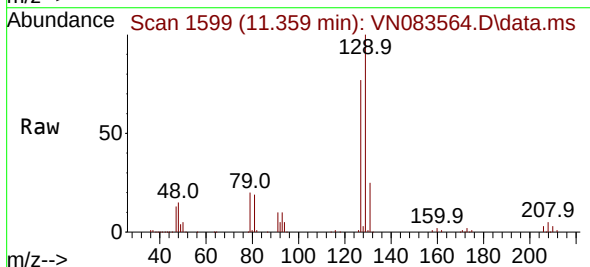
Manual Integrations
APPROVED

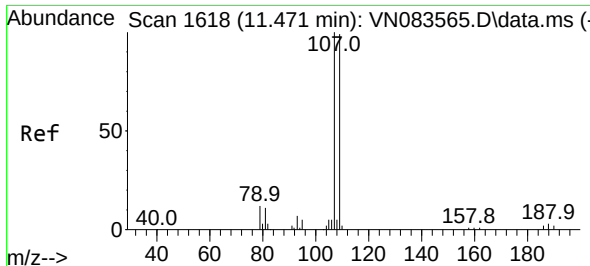
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#60
Dibromochloromethane
Concen: 108.522 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

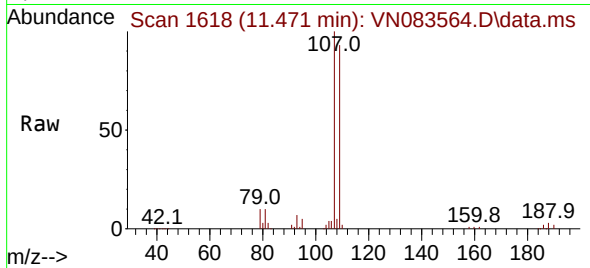
Tgt Ion:129 Resp: 280842
Ion Ratio Lower Upper
129 100
127 77.7 39.0 116.9





#61
1,2-Dibromoethane
Concen: 105.749 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

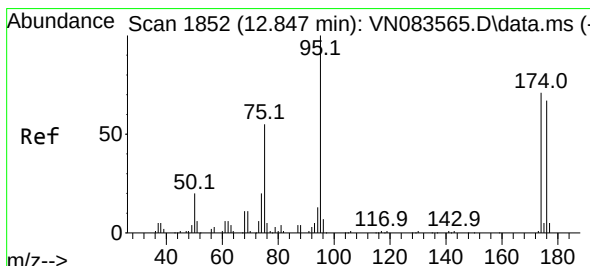
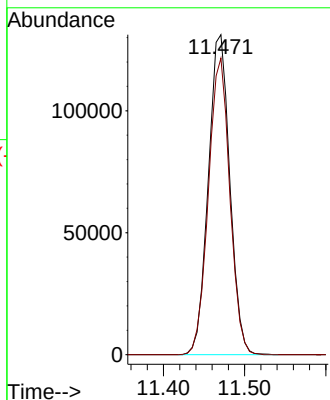
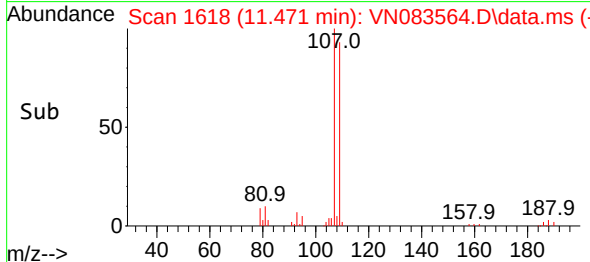
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:107 Resp: 241290
Ion Ratio Lower Upper
107 100
109 92.3 75.6 113.4

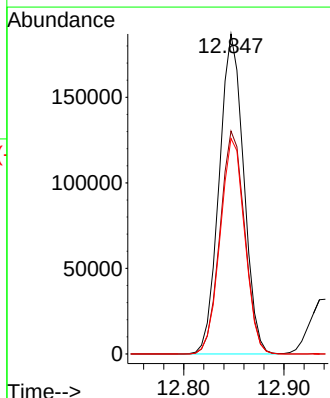
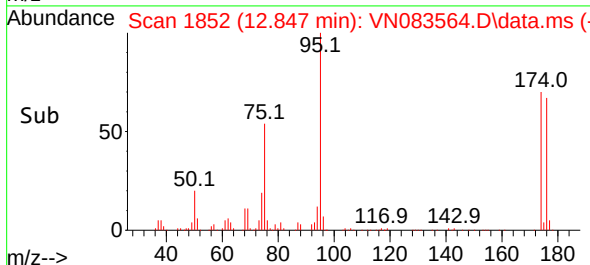
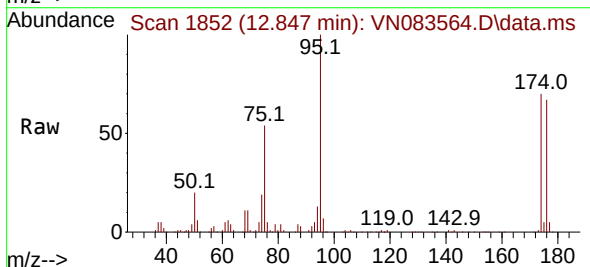
Manual Integrations
APPROVED

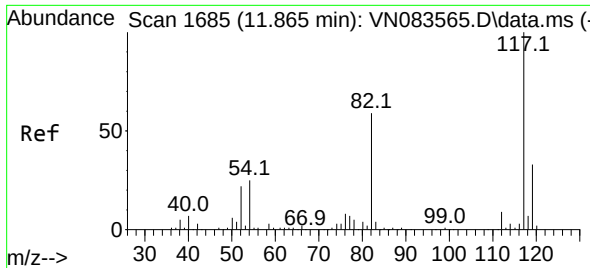
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#62
4-Bromofluorobenzene
Concen: 102.925 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

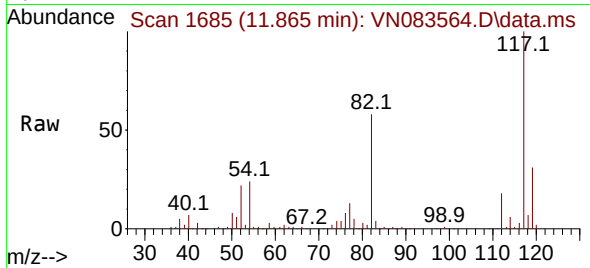
Tgt Ion: 95 Resp: 316597
Ion Ratio Lower Upper
95 100
174 70.1 0.0 139.8
176 67.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

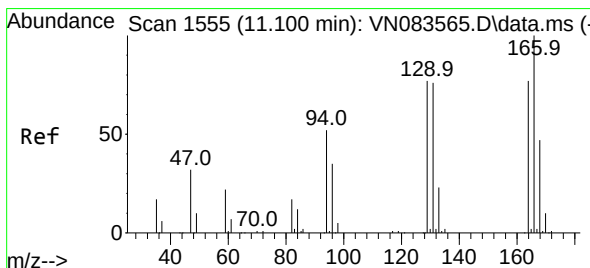
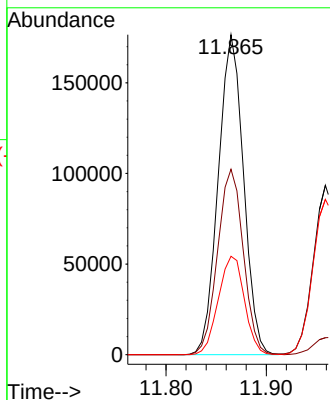
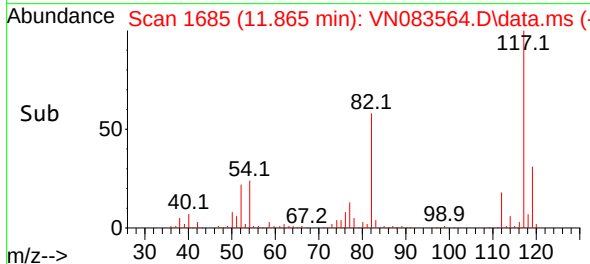
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



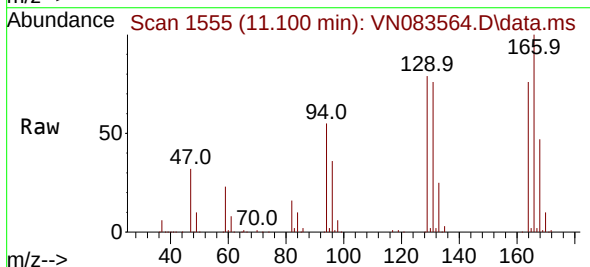
Tgt Ion:117 Resp: 30943
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 30.8 26.3 39.5

Manual Integrations
APPROVED

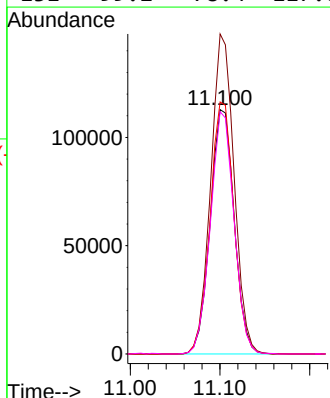
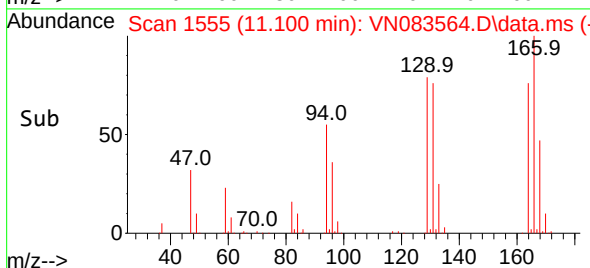
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

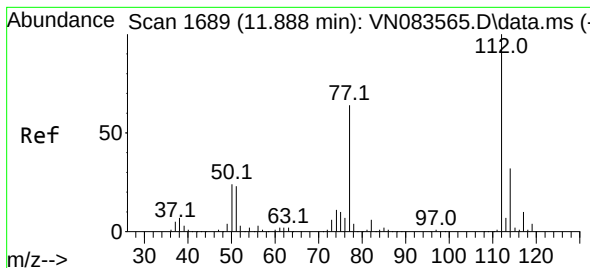


#64
Tetrachloroethene
Concen: 102.806 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54



Tgt Ion:164 Resp: 209100
Ion Ratio Lower Upper
164 100
166 131.0 103.7 155.5
129 103.1 79.9 119.9
131 99.2 78.4 117.6





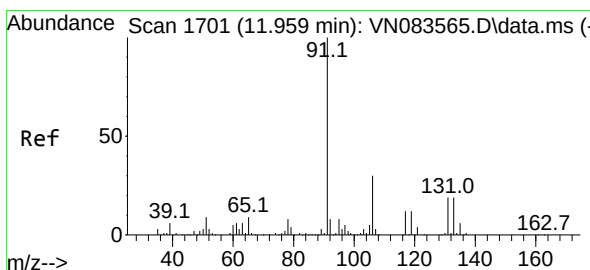
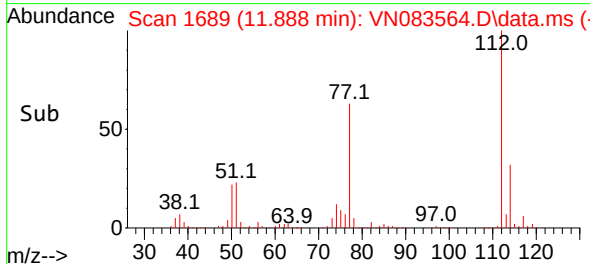
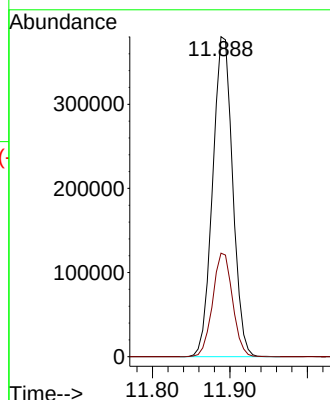
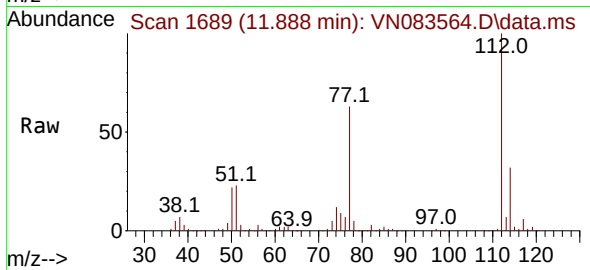
#65
Chlorobenzene
Concen: 98.050 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 680424
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

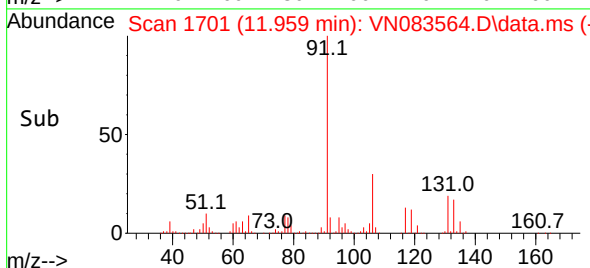
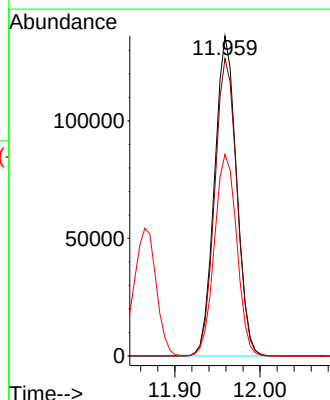
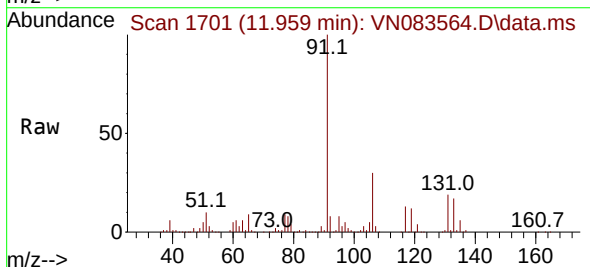
Manual Integrations
APPROVED

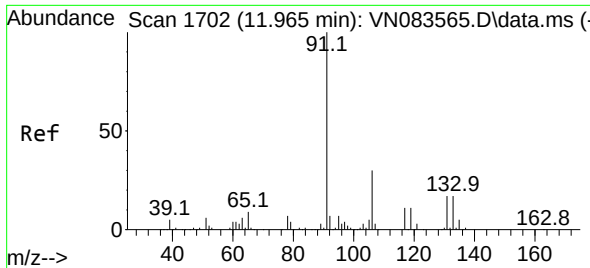
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 104.112 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

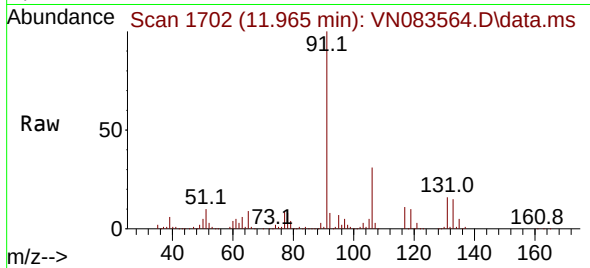
Tgt Ion:131 Resp: 243933
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.6
119 64.2 31.6 94.8





#67
Ethyl Benzene
Concen: 104.378 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

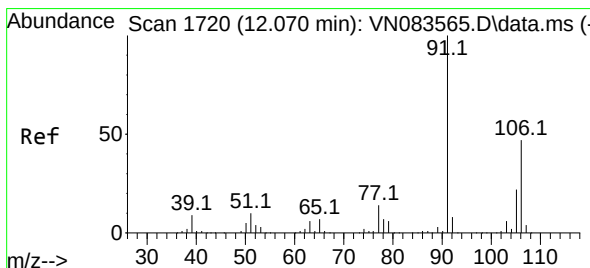
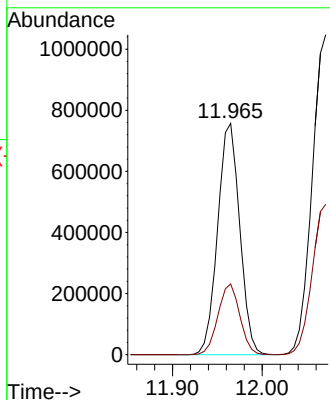
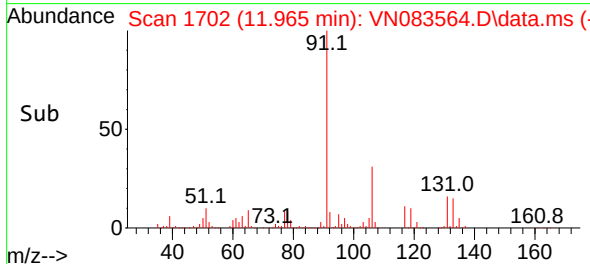
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 1292958
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5

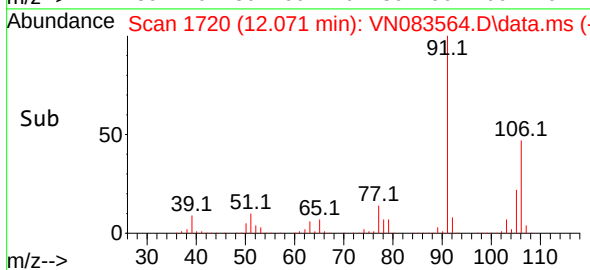
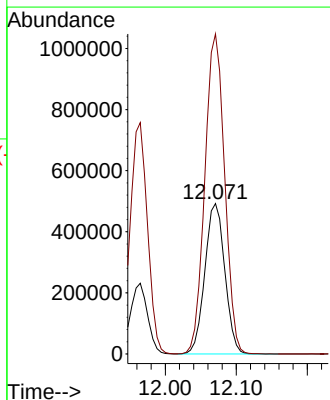
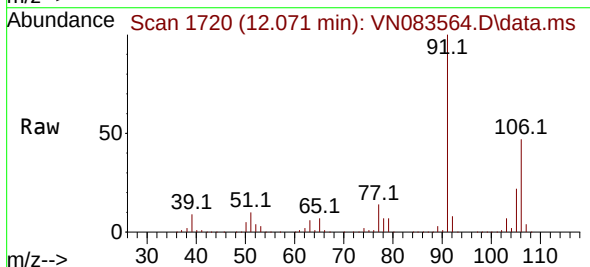
Manual Integrations
APPROVED

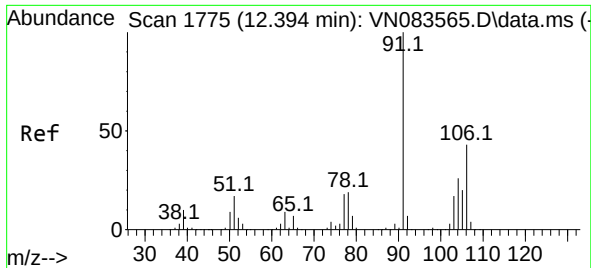
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#68
m/p-Xylenes
Concen: 205.631 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion:106 Resp: 959579
Ion Ratio Lower Upper
106 100
91 211.3 169.2 253.8





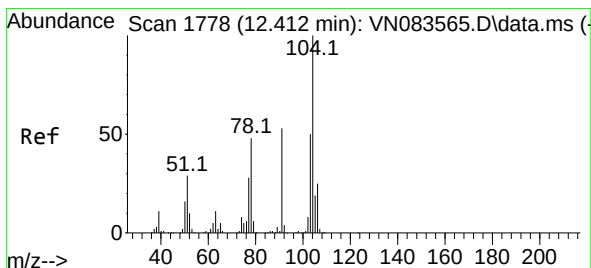
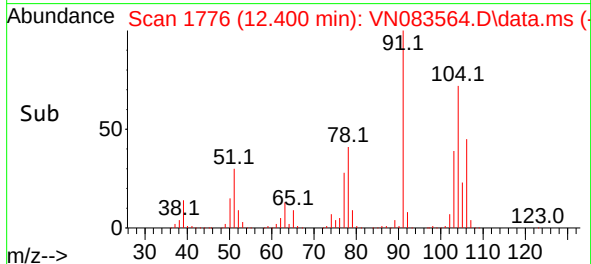
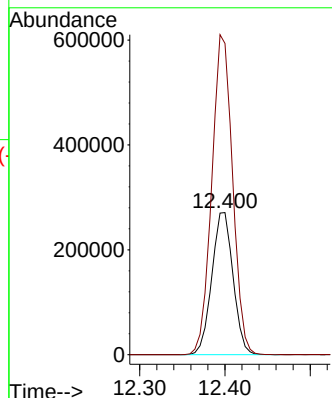
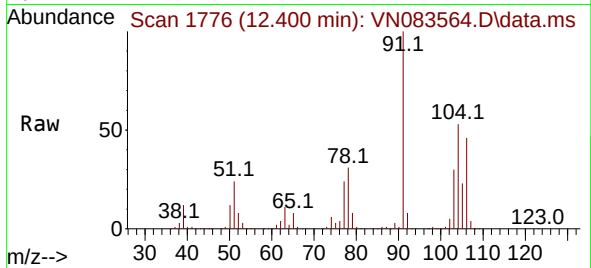
#69
o-Xylene
Concen: 103.989 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 469015
Ion Ratio Lower Upper
106 100
91 220.6 112.9 338.6

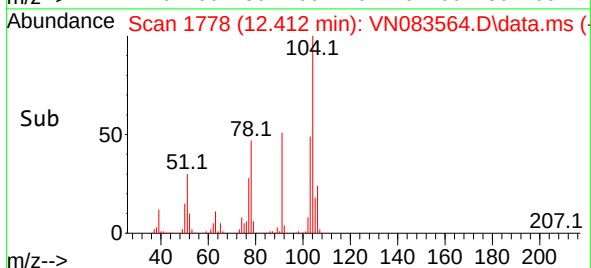
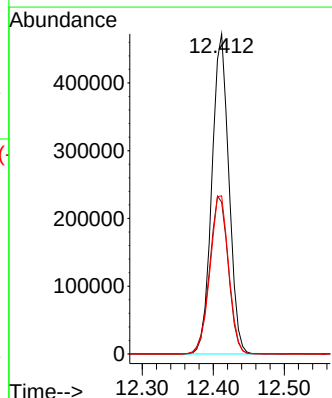
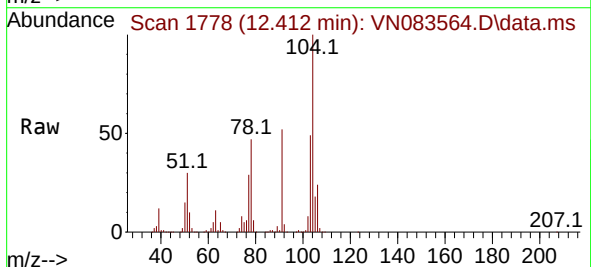
Manual Integrations
APPROVED

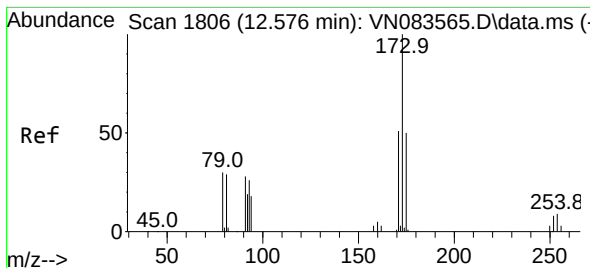
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#70
Styrene
Concen: 103.314 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

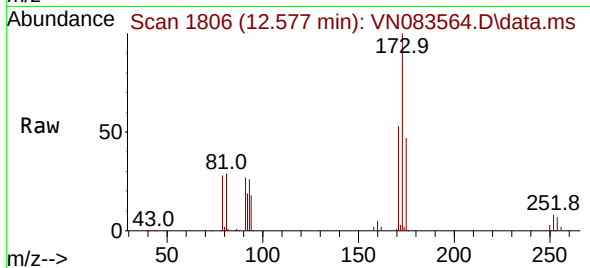
Tgt Ion:104 Resp: 783481
Ion Ratio Lower Upper
104 100
78 54.2 43.3 64.9
103 54.2 43.4 65.2





#71
Bromoform
Concen: 107.343 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

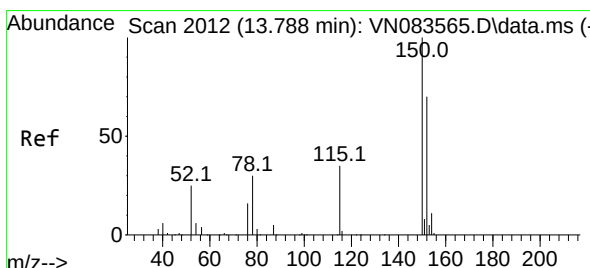
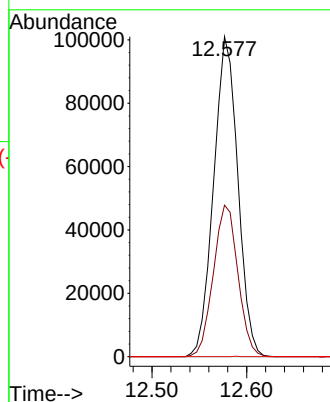
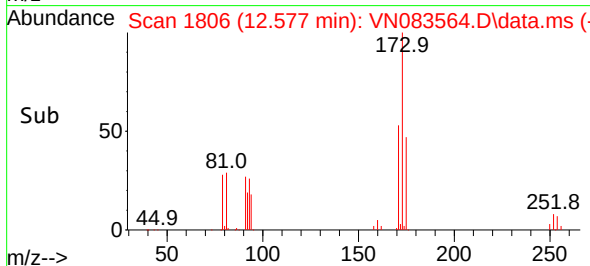
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



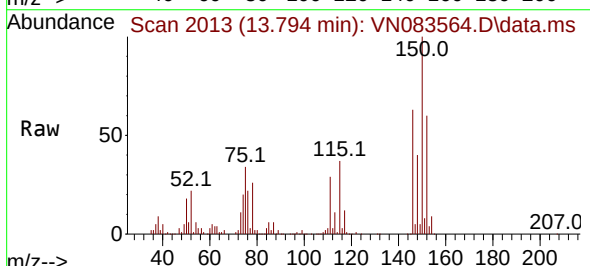
Tgt Ion:173 Resp: 179139
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

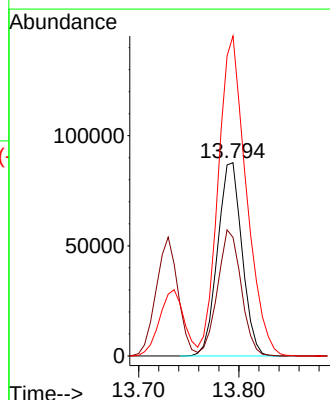
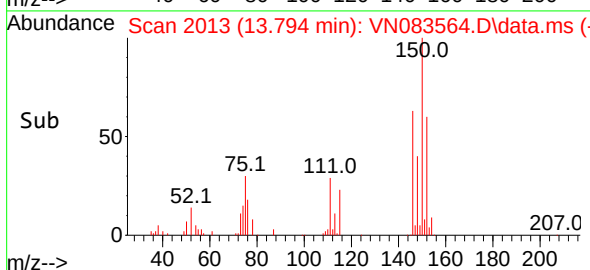
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

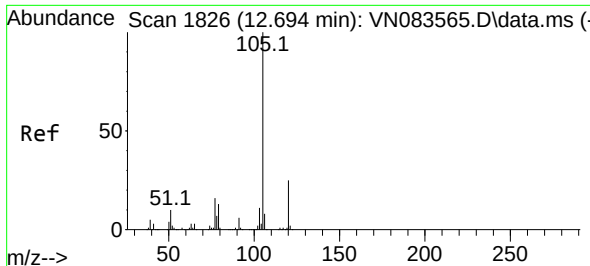


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54



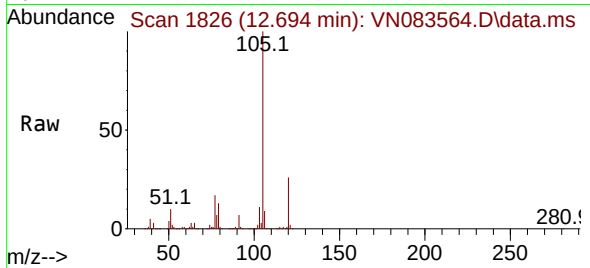
Tgt Ion:152 Resp: 148346
Ion Ratio Lower Upper
152 100
115 63.1 32.2 96.6
150 189.5 0.0 348.6





#73
Isopropylbenzene
Concen: 102.967 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

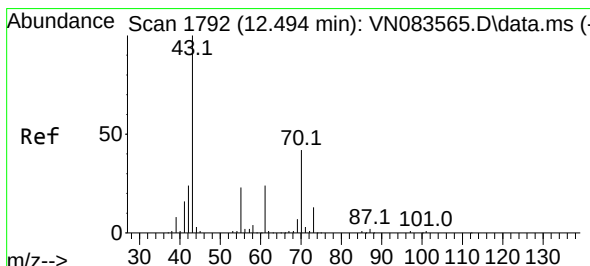
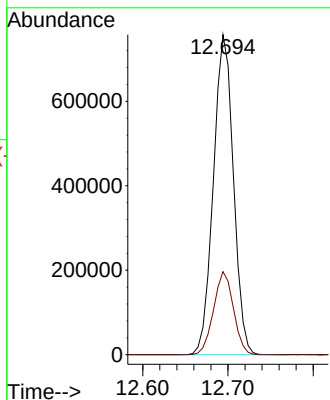
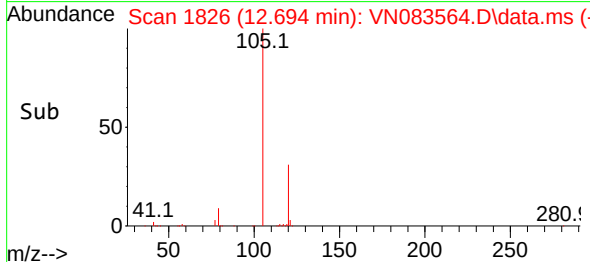
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



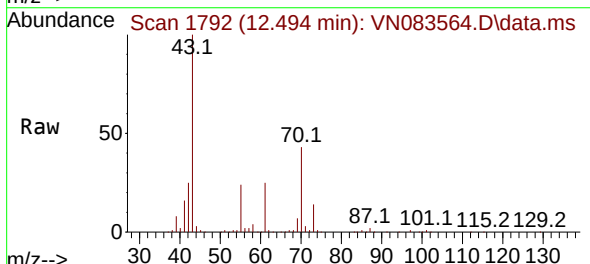
Tgt Ion:105 Resp: 1236300
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8

Manual Integrations
APPROVED

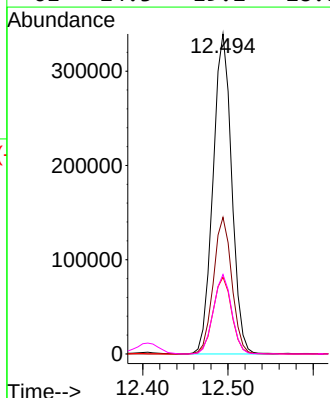
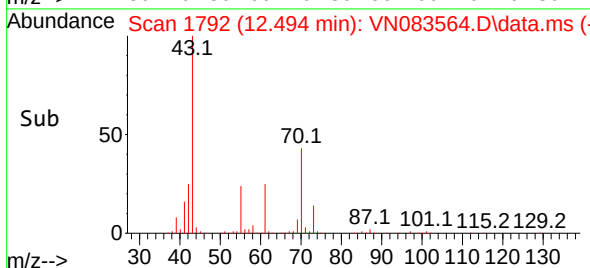
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

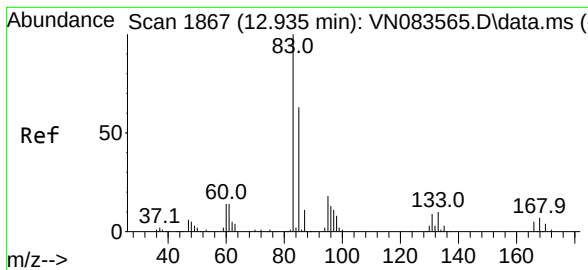


#74
N-ethyl acetate
Concen: 99.348 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54



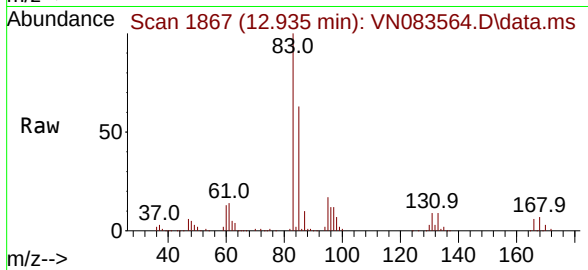
Tgt Ion: 43 Resp: 517748
Ion Ratio Lower Upper
43 100
70 42.0 34.5 51.7
55 23.9 18.6 28.0
61 24.3 19.2 28.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 94.818 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083564.D
 Acq: 30 Aug 2024 08:54

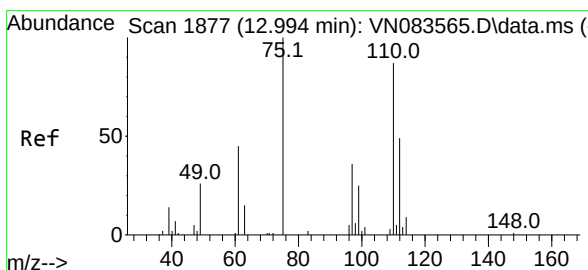
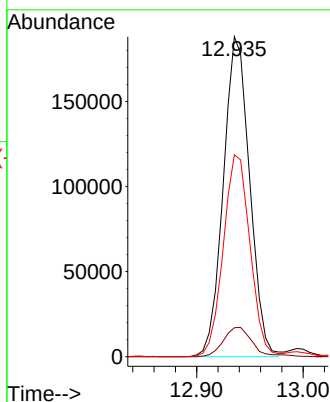
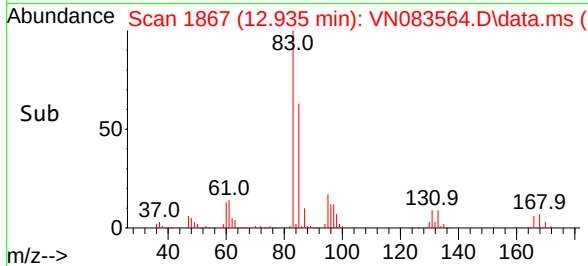
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion: 83 Resp: 323199
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.2 15.6
 85 64.0 31.9 95.9

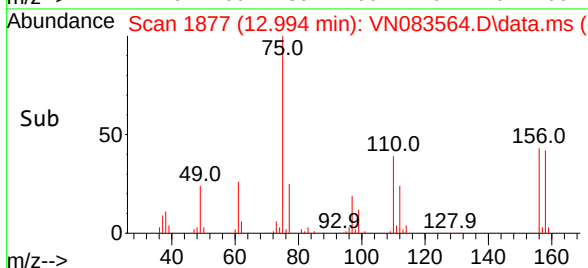
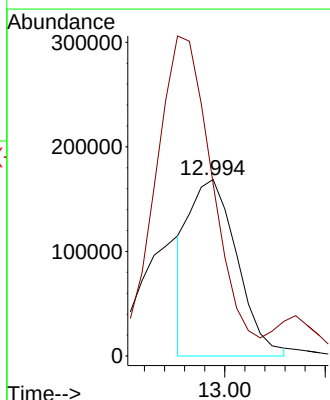
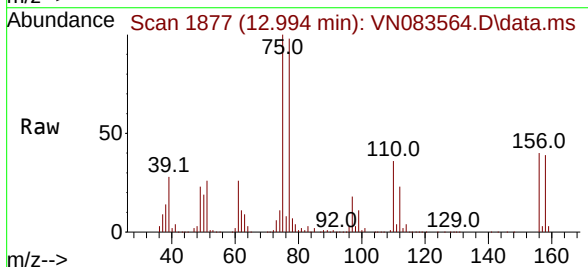
Manual Integrations
 APPROVED

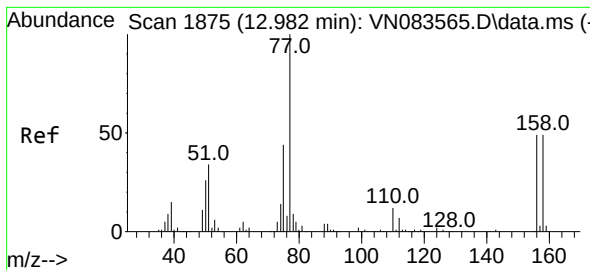
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#76
 1,2,3-Trichloropropane
 Concen: 89.065 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083564.D
 Acq: 30 Aug 2024 08:54

Tgt Ion: 75 Resp: 279647
 Ion Ratio Lower Upper
 75 100
 77 218.6 95.2 285.6





#77

Bromobenzene

Concen: 94.492 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:156 Resp: 266170

Ion Ratio Lower Upper

156 100

77 229.6 114.3 343.1

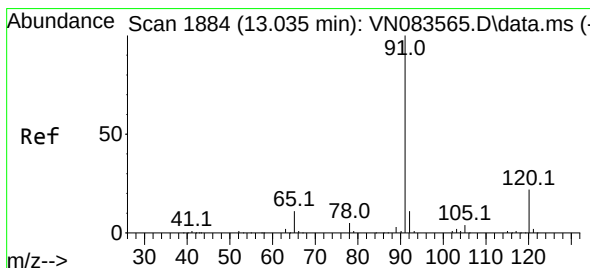
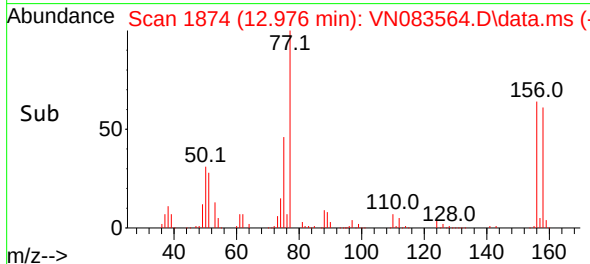
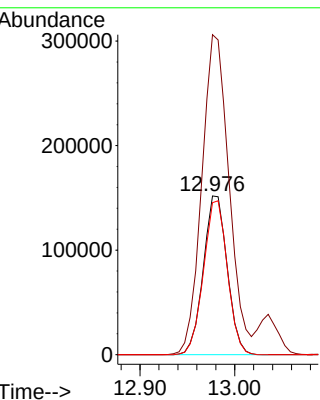
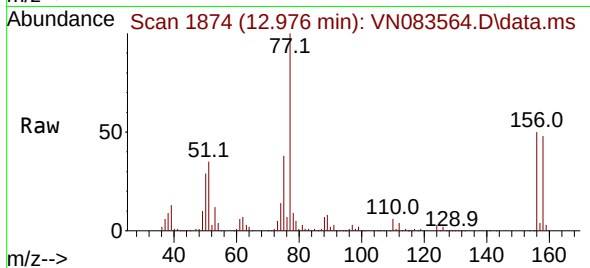
158 96.9 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#78

n-propylbenzene

Concen: 104.752 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083564.D

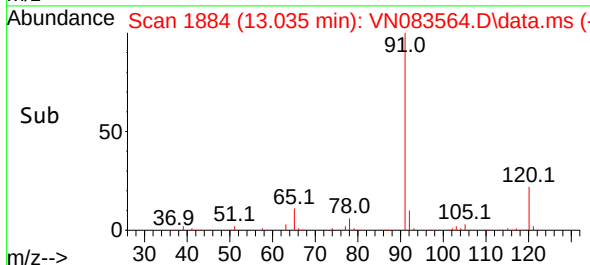
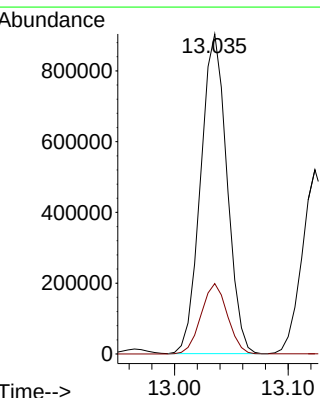
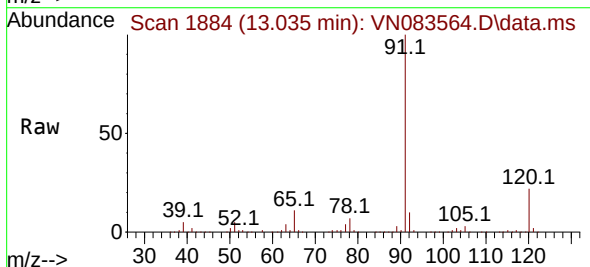
Acq: 30 Aug 2024 08:54

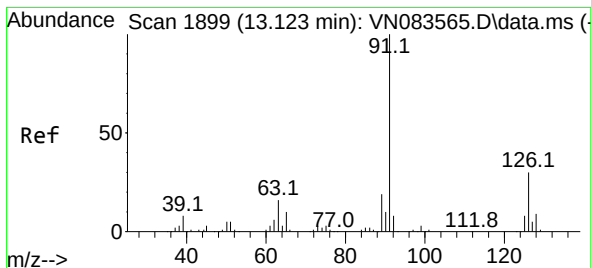
Tgt Ion: 91 Resp: 1454165

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





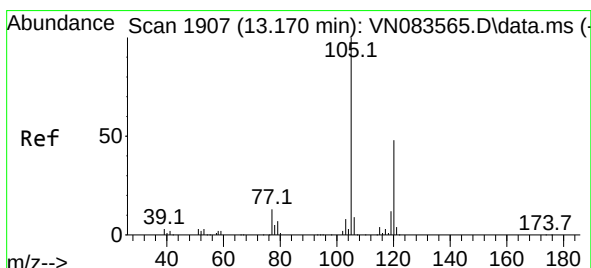
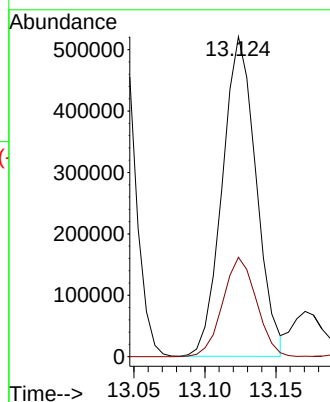
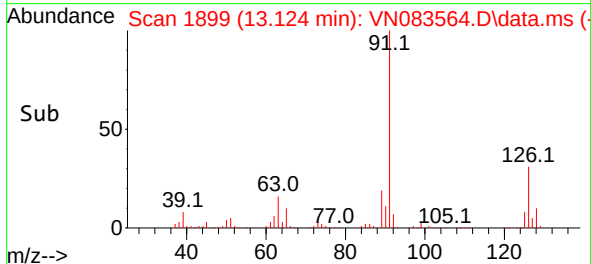
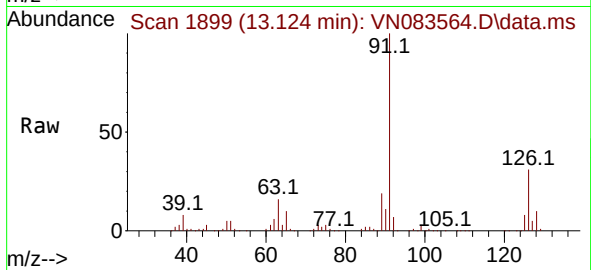
#79
2-Chlorotoluene
Concen: 96.012 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 863672
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2

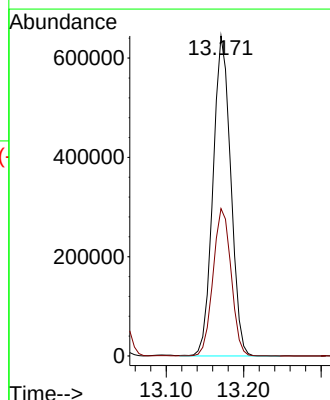
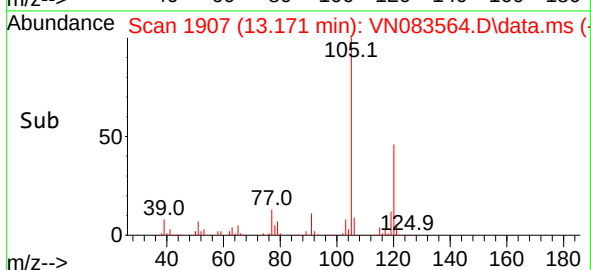
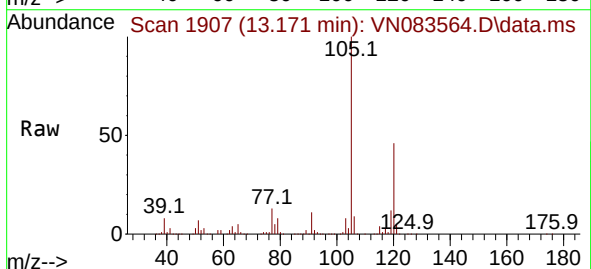
Manual Integrations
APPROVED

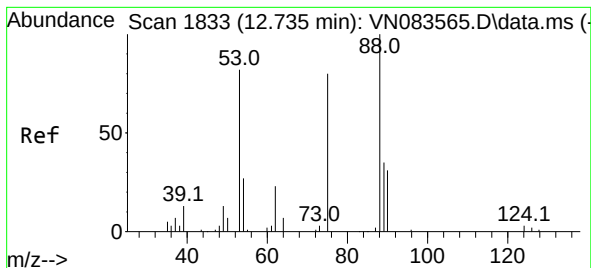
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 101.513 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

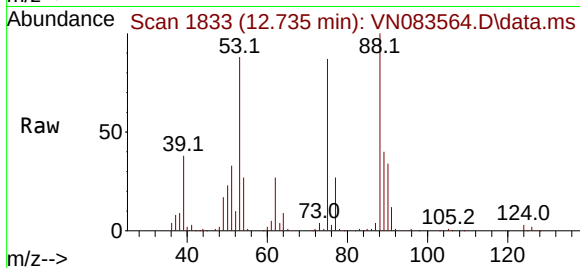
Tgt Ion:105 Resp: 1026779
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 103.182 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

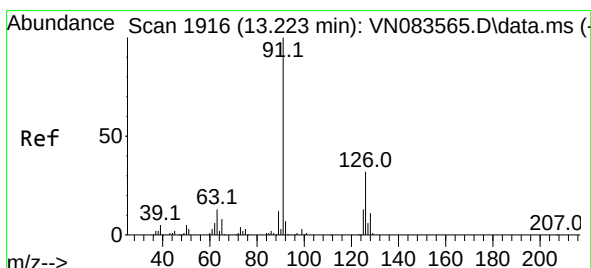
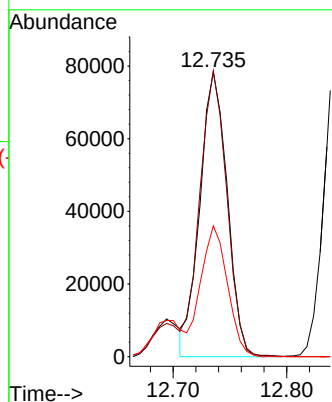
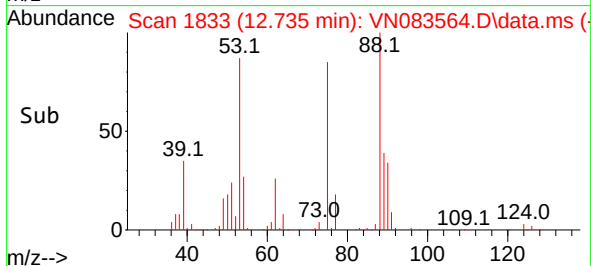
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



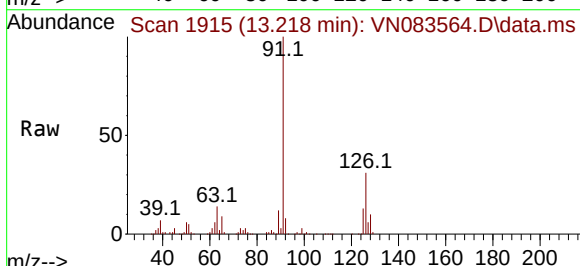
Tgt Ion: 75 Resp: 13102
Ion Ratio Lower Upper
75 100
53 100.0 81.2 121.8
89 44.7 35.7 53.5

Manual Integrations
APPROVED

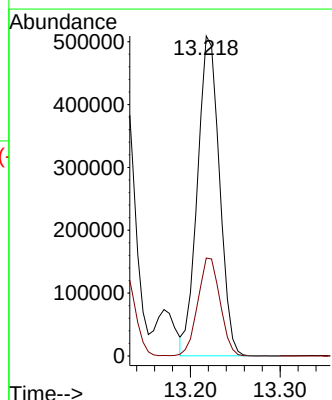
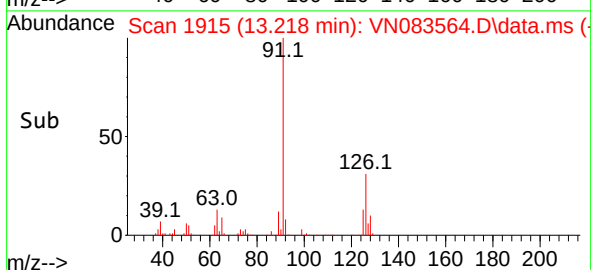
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024

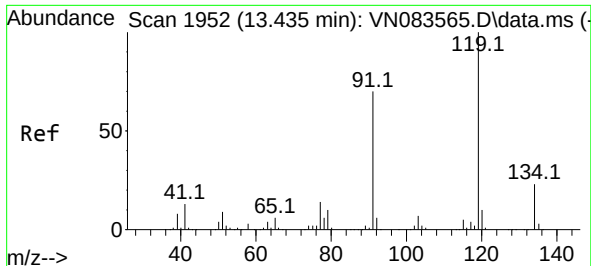


#82
4-Chlorotoluene
Concen: 94.796 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54



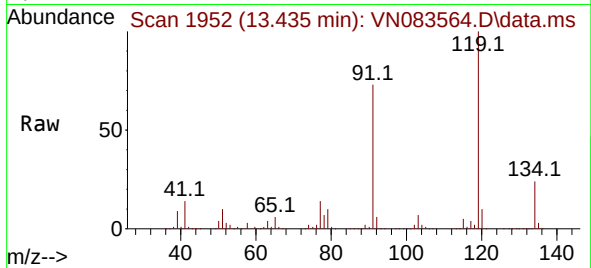
Tgt Ion: 91 Resp: 866293
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.2





#83
tert-Butylbenzene
Concen: 100.617 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

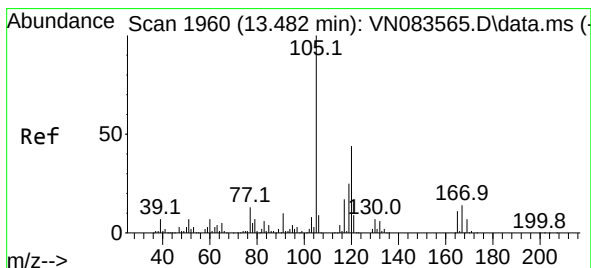
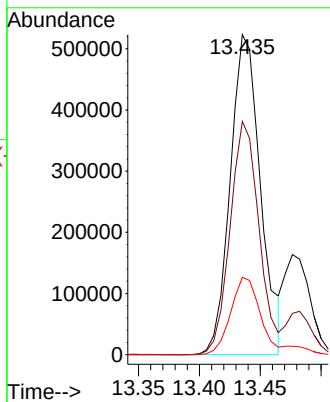
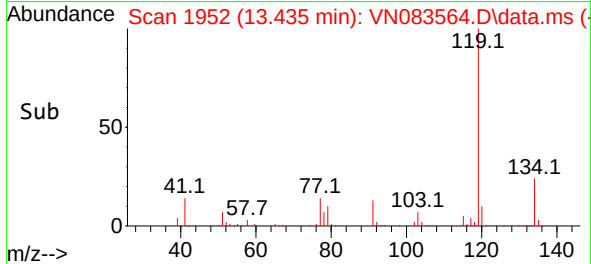
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:119 Resp: 904814
Ion Ratio Lower Upper
119 100
91 69.6 34.5 103.6
134 25.5 12.8 38.4

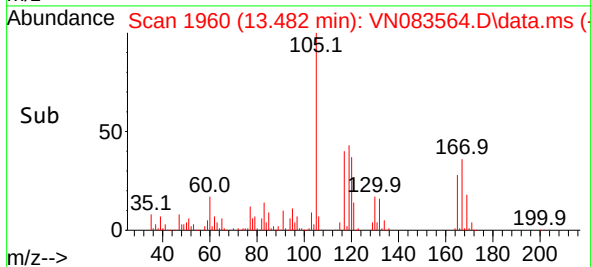
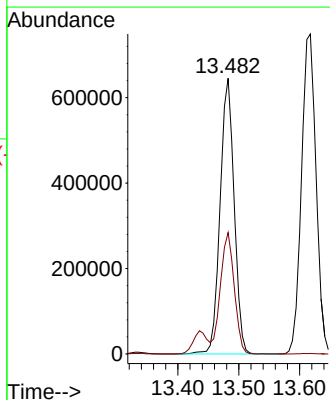
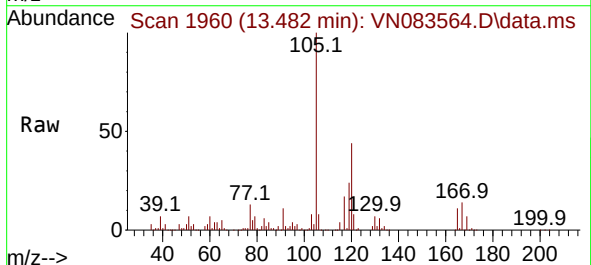
Manual Integrations
APPROVED

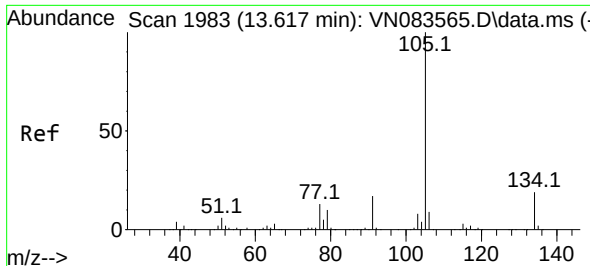
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#84
1,2,4-Trimethylbenzene
Concen: 101.520 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion:105 Resp: 1033589
Ion Ratio Lower Upper
105 100
120 43.4 21.8 65.4





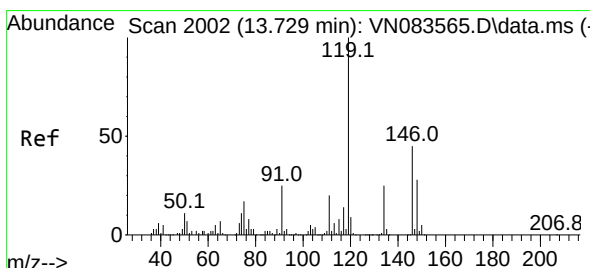
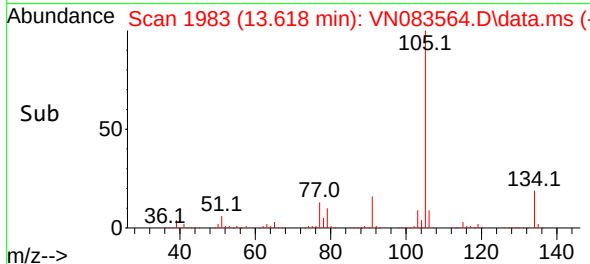
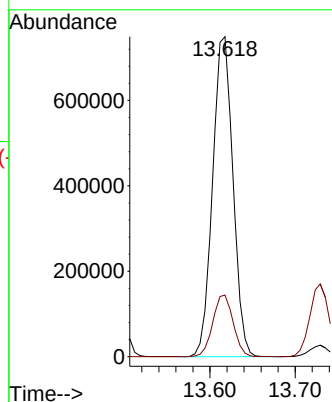
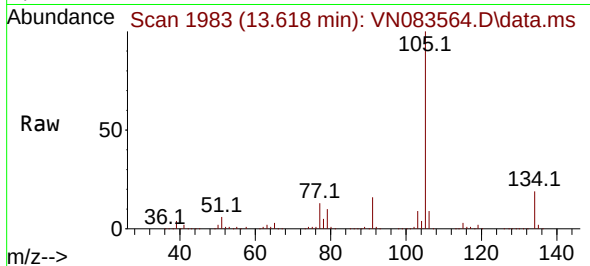
#85
 sec-Butylbenzene
 Concen: 103.931 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083564.D
 Acq: 30 Aug 2024 08:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Tgt Ion:105 Resp: 124224
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

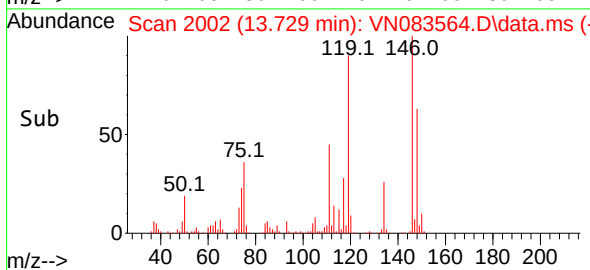
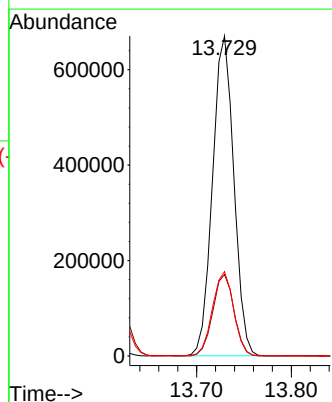
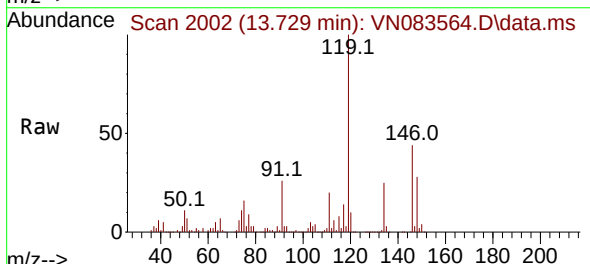
Manual Integrations
 APPROVED

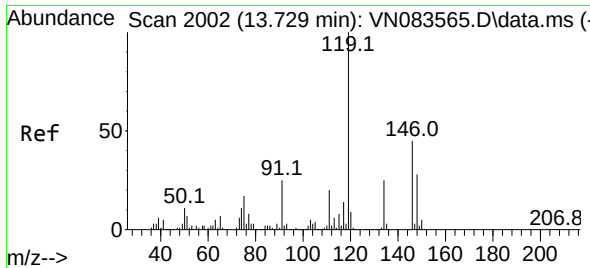
Reviewed By :John Carlone 09/03/2024
 Supervised By :Mahesh Dadoda 09/03/2024



#86
 p-Isopropyltoluene
 Concen: 104.937 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083564.D
 Acq: 30 Aug 2024 08:54

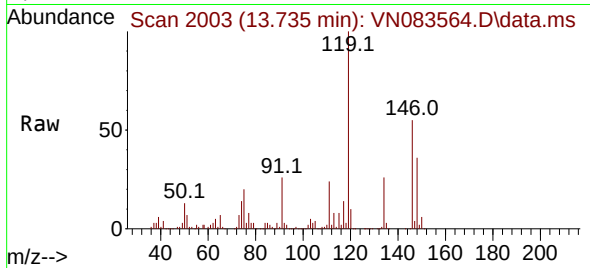
Tgt Ion:119 Resp: 1047613
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 26.1 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 92.718 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

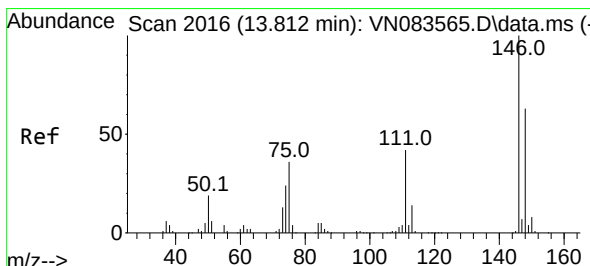
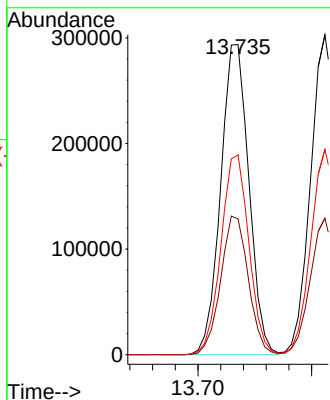
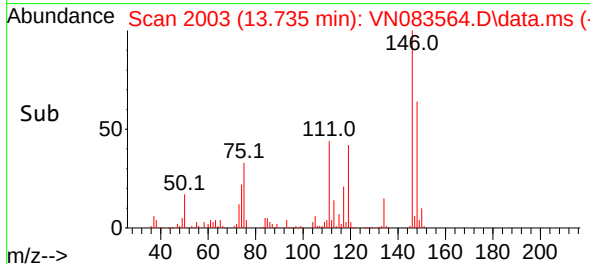
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 50700
Ion Ratio Lower Upper
146 100
111 43.8 21.7 65.1
148 63.8 31.7 95.1

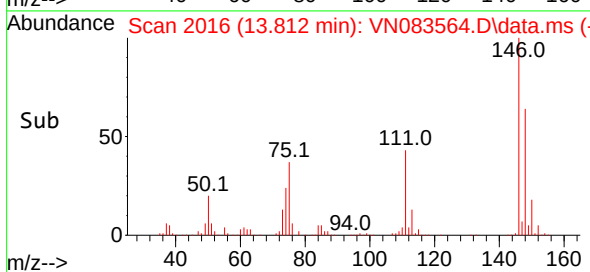
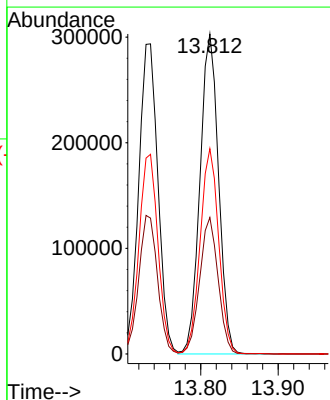
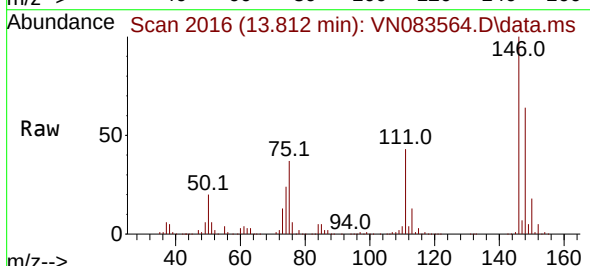
Manual Integrations
APPROVED

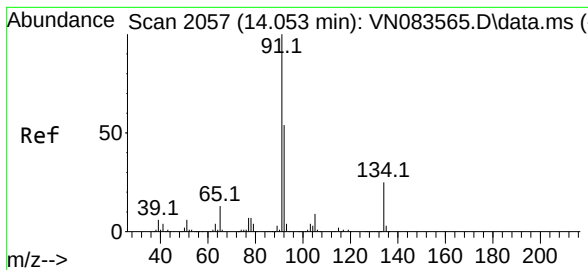
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#88
1,4-Dichlorobenzene
Concen: 89.729 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion:146 Resp: 504143
Ion Ratio Lower Upper
146 100
111 42.2 21.3 64.0
148 63.9 32.0 96.2





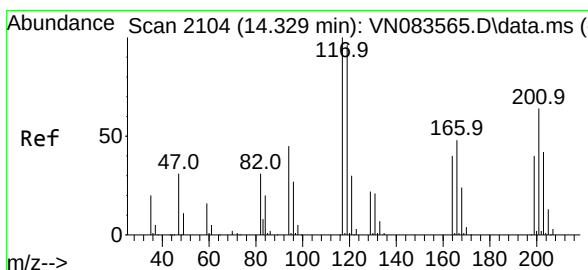
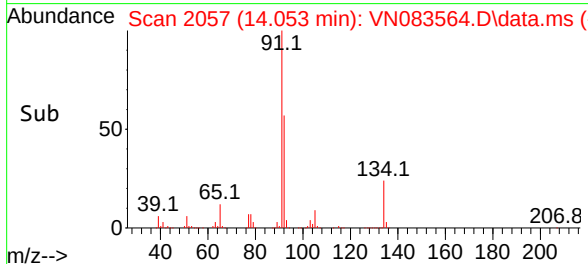
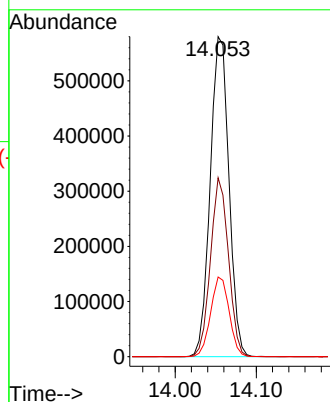
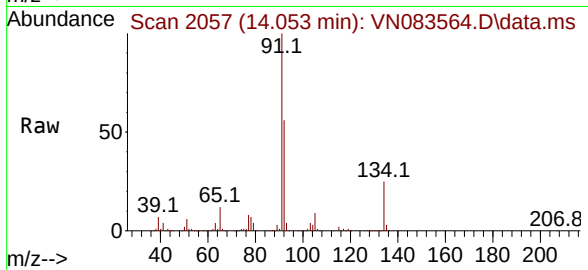
#89
n-Butylbenzene
Concen: 105.649 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 92776
Ion Ratio Lower Upper
91 100
92 53.8 26.7 80.1
134 24.7 12.2 36.4

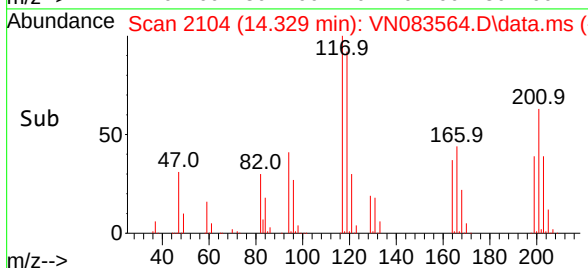
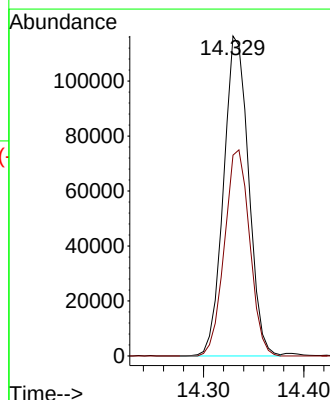
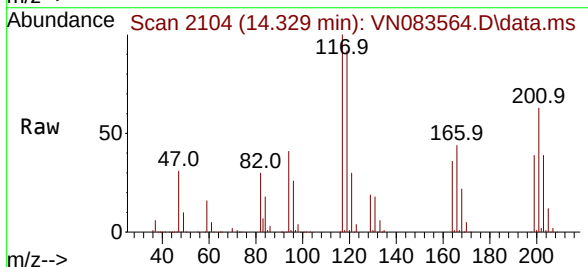
Manual Integrations
APPROVED

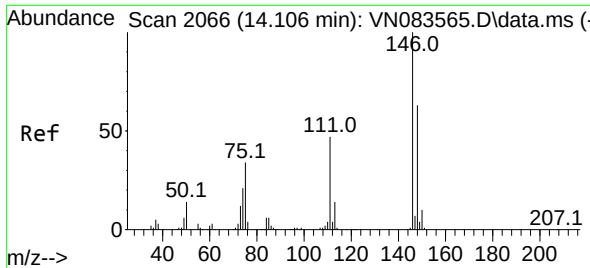
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#90
Hexachloroethane
Concen: 103.727 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion:117 Resp: 201565
Ion Ratio Lower Upper
117 100
201 65.0 32.8 98.3





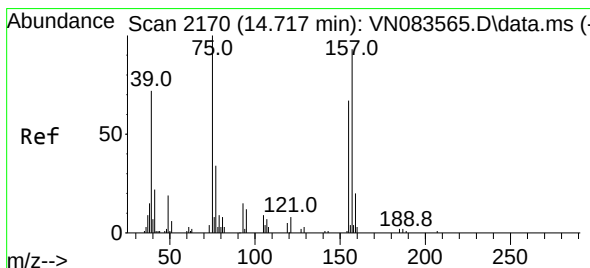
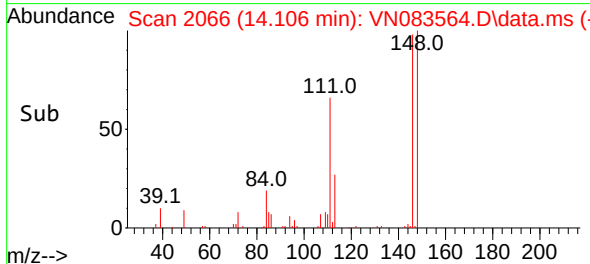
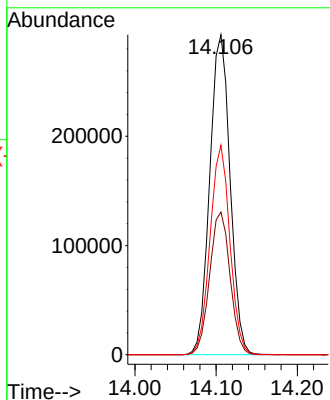
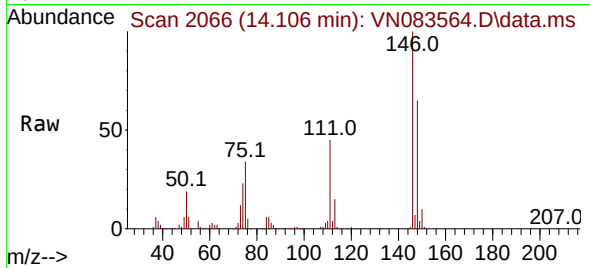
#91
1,2-Dichlorobenzene
Concen: 96.742 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 509435
Ion Ratio Lower Upper
146 100
111 44.9 22.8 68.3
148 64.0 32.1 96.5

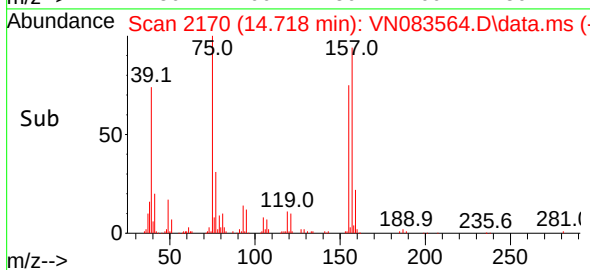
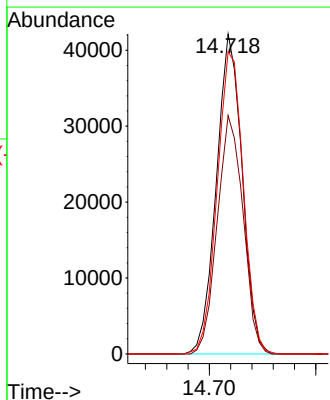
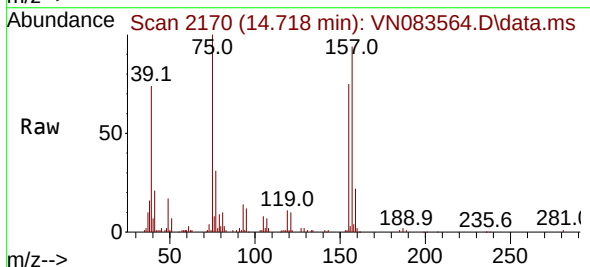
Manual Integrations
APPROVED

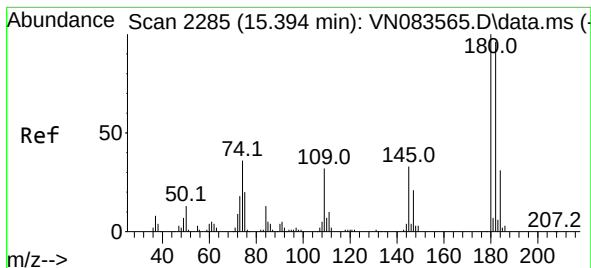
Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 95.599 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

Tgt Ion: 75 Resp: 70672
Ion Ratio Lower Upper
75 100
155 74.8 35.9 107.7
157 96.0 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 97.079 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 28989

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.3

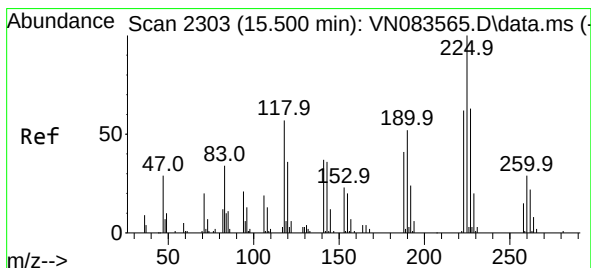
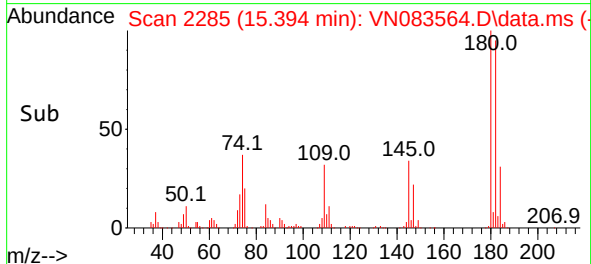
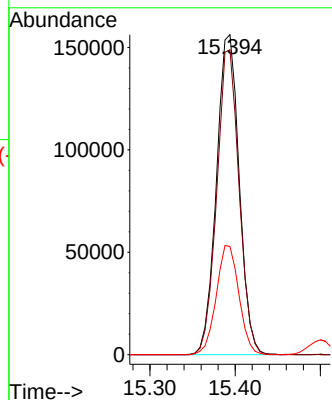
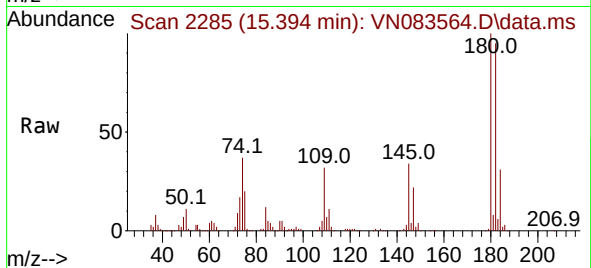
145 34.0 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2024

Supervised By :Mahesh Dadoda 09/03/2024



#94

Hexachlorobutadiene

Concen: 99.354 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083564.D

Acq: 30 Aug 2024 08:54

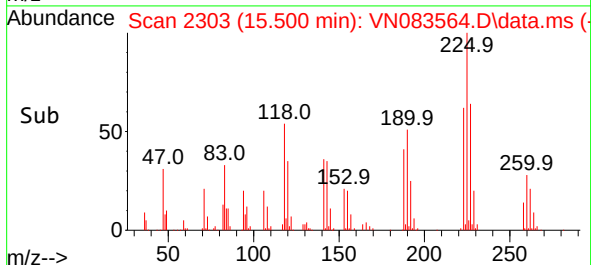
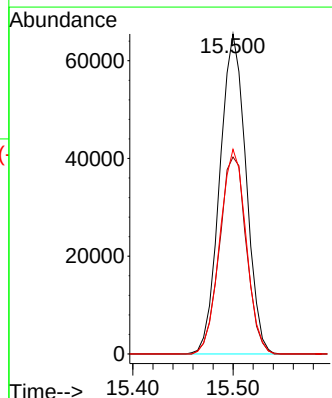
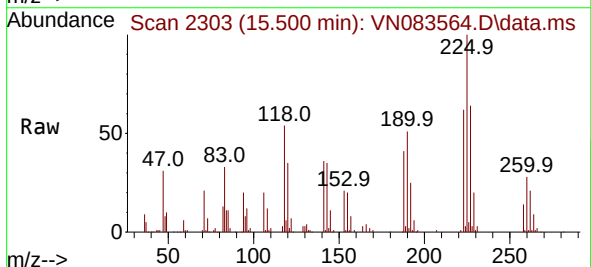
Tgt Ion:225 Resp: 118813

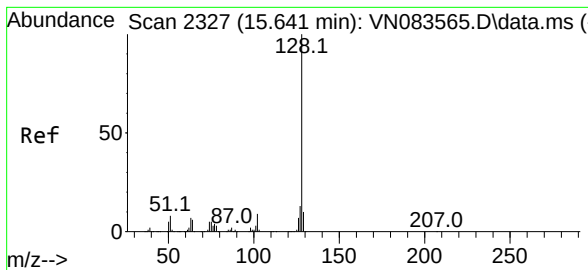
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.5

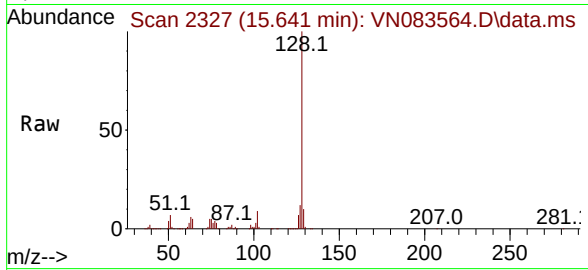
227 64.2 32.0 96.2





#95
Naphthalene
Concen: 94.590 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54

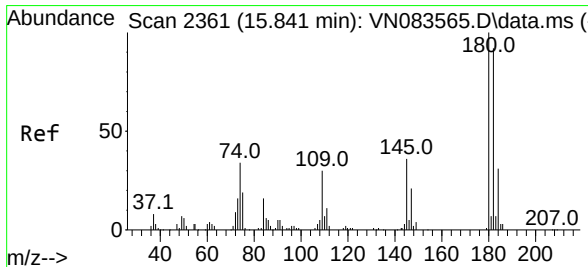
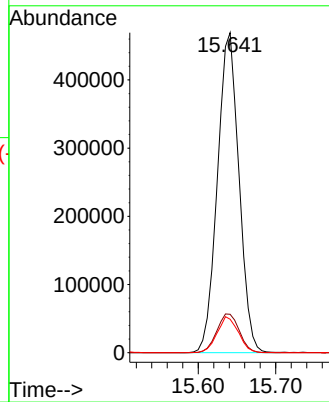
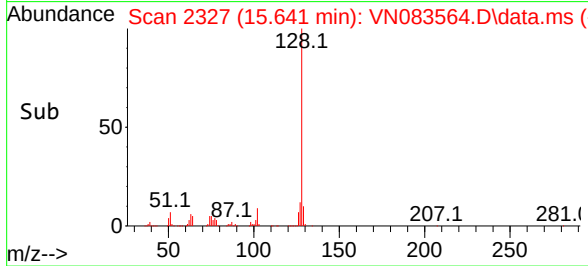
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



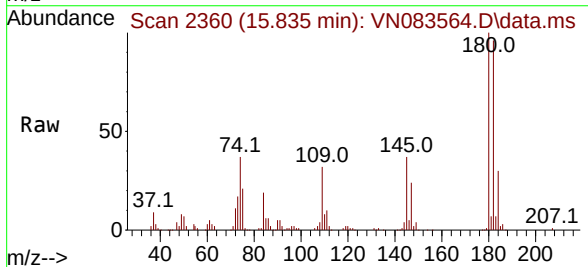
Tgt Ion:128 Resp: 90751
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2024
Supervised By :Mahesh Dadoda 09/03/2024



#96
1,2,3-Trichlorobenzene
Concen: 90.964 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083564.D
Acq: 30 Aug 2024 08:54



Tgt Ion:180 Resp: 271347
Ion Ratio Lower Upper
180 100
182 96.7 47.1 141.4
145 36.7 17.8 53.5

