

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083645.D
 Acq On : 04 Sep 2024 13:30
 Operator : JC\MD
 Sample : VN0904WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/05/2024
 Supervised By : Mahesh Dadoda 09/05/2024

Quant Time: Sep 04 13:48:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140691	56.534	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.060%			
35) Dibromofluoromethane	8.165	113	102032	53.852	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.700%			
50) Toluene-d8	10.565	98	371887	50.338	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.847	95	151115	55.288	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35485	18.830	ug/l	96
3) Chloromethane	2.359	50	37775	17.207	ug/l	99
4) Vinyl Chloride	2.512	62	38686	17.608	ug/l	99
5) Bromomethane	2.901	94	20626	17.859	ug/l	92
6) Chloroethane	3.065	64	26775	18.650	ug/l	99
7) Trichlorofluoromethane	3.465	101	69944	19.332	ug/l	98
8) Diethyl Ether	3.953	74	23758	18.369	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	37057	18.886	ug/l	96
10) Methyl Iodide	4.577	142	48118	18.129	ug/l	92
11) Tert butyl alcohol	5.536	59	35349	91.101	ug/l	97
12) 1,1-Dichloroethene	4.324	96	35731	18.317	ug/l	92
13) Acrolein	4.177	56	35804	97.534	ug/l	96
14) Allyl chloride	5.012	41	62476	17.963	ug/l	96
15) Acrylonitrile	5.718	53	90167	94.227	ug/l	99
16) Acetone	4.436	43	91118	91.815	ug/l	95
17) Carbon Disulfide	4.689	76	87799	15.445	ug/l	98
18) Methyl Acetate	5.018	43	50453	19.116	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	133953	19.359	ug/l	100
20) Methylene Chloride	5.271	84	40155	18.323	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	36701	18.062	ug/l	98
22) Diisopropyl ether	6.671	45	129816	18.929	ug/l	99
23) Vinyl Acetate	6.600	43	476678	93.792	ug/l	100
24) 1,1-Dichloroethane	6.559	63	73034	18.674	ug/l	99
25) 2-Butanone	7.483	43	128778	95.307	ug/l	97
26) 2,2-Dichloropropane	7.483	77	67295	18.482	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	45312	18.688	ug/l	100
28) Bromochloromethane	7.806	49	30816	16.874	ug/l	99
29) Tetrahydrofuran	7.841	42	80673	96.256	ug/l	100
30) Chloroform	7.965	83	77390	18.782	ug/l	96
31) Cyclohexane	8.253	56	68805	17.874	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	73021	19.598	ug/l	99
36) 1,1-Dichloropropene	8.371	75	52842	18.284	ug/l	99
37) Ethyl Acetate	7.559	43	51809	18.013	ug/l	100
38) Carbon Tetrachloride	8.359	117	61833	18.752	ug/l	98
39) Methylcyclohexane	9.594	83	62723	18.087	ug/l	97
40) Benzene	8.606	78	161862	18.207	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28937	17.631	ug/l	97
42) 1,2-Dichloroethane	8.665	62	61705	18.724	ug/l	100
43) Isopropyl Acetate	8.688	43	96069	15.838	ug/l	98
44) Trichloroethene	9.353	130	38220	17.872	ug/l	99
45) 1,2-Dichloropropane	9.618	63	39397	19.023	ug/l	96
46) Dibromomethane	9.706	93	28390	18.582	ug/l	98
47) Bromodichloromethane	9.882	83	60491	18.599	ug/l	99
48) Methyl methacrylate	9.677	41	44618	18.913	ug/l	97
49) 1,4-Dioxane	9.700	88	14810	383.131	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	261921	97.953	ug/l	98
52) Toluene	10.629	92	102164	18.375	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	60781	18.052	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	64219	18.172	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	36854	18.571	ug/l	92
56) Ethyl methacrylate	10.876	69	62817	19.134	ug/l	96
57) 1,3-Dichloropropane	11.159	76	65919	18.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	126764	88.862	ug/l	99
59) 2-Hexanone	11.194	43	194396	96.872	ug/l	98
60) Dibromochloromethane	11.359	129	42764	18.597	ug/l	98
61) 1,2-Dibromoethane	11.465	107	38468	18.973	ug/l	99
64) Tetrachloroethene	11.106	164	32046	18.041	ug/l	95
65) Chlorobenzene	11.888	112	108428	17.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	37948	18.545	ug/l	99
67) Ethyl Benzene	11.965	91	198462	18.345	ug/l	98
68) m/p-Xylenes	12.070	106	143981	35.329	ug/l	97
69) o-Xylene	12.394	106	72576	18.425	ug/l	98
70) Styrene	12.412	104	115626	17.458	ug/l	98
71) Bromoform	12.576	173	27040	18.553	ug/l #	99
73) Isopropylbenzene	12.694	105	187777	16.956	ug/l	99
74) N-amyl acetate	12.494	43	85948	17.881	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	55343	17.604	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	47863m	17.326	ug/l	
77) Bromobenzene	12.982	156	42302	16.282	ug/l	98
78) n-propylbenzene	13.035	91	211608	16.527	ug/l	99
79) 2-Chlorotoluene	13.123	91	135941	16.385	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	159902	17.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	18350	15.667	ug/l	91
82) 4-Chlorotoluene	13.217	91	134745	15.987	ug/l	100
83) tert-Butylbenzene	13.435	119	142152	17.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	158427	16.871	ug/l	99
85) sec-Butylbenzene	13.617	105	188103	17.063	ug/l	99
86) p-Isopropyltoluene	13.729	119	155232	16.859	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	78642	15.593	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	79075	15.259	ug/l	99
89) n-Butylbenzene	14.059	91	130600	16.125	ug/l	99
90) Hexachloroethane	14.335	117	28086	15.671	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	80295	16.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11447	16.789	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	39800	14.451	ug/l	97
94) Hexachlorobutadiene	15.500	225	17708	16.055	ug/l	96
95) Naphthalene	15.635	128	140395	15.866	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	39710	14.433	ug/l	98

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ClientSampleId :
VN0904WBSD01

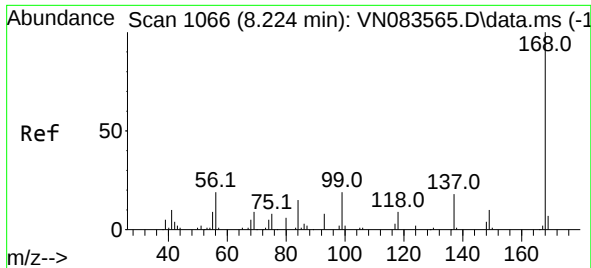
Manual Integrations
APPROVED

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Quant Time: Sep 04 13:48:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration

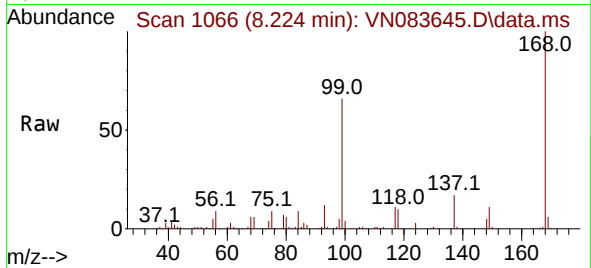
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

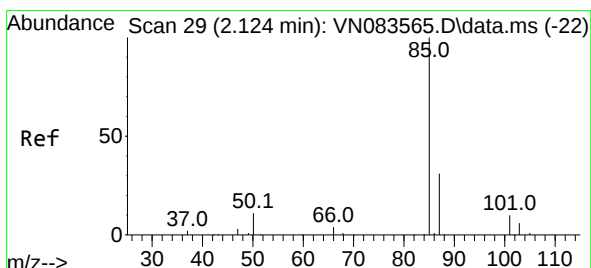
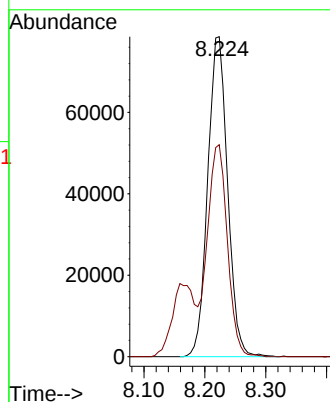
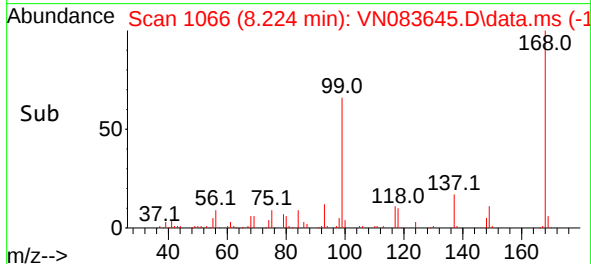
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion:168 Resp: 17806
Ion Ratio Lower Upper
168 100
99 66.3 54.2 81.2

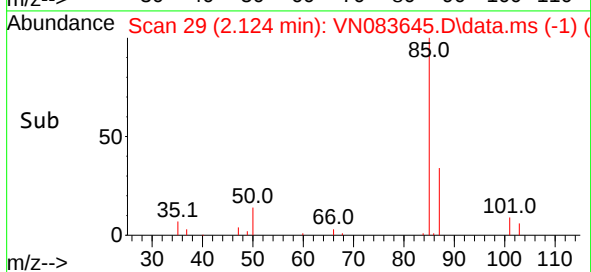
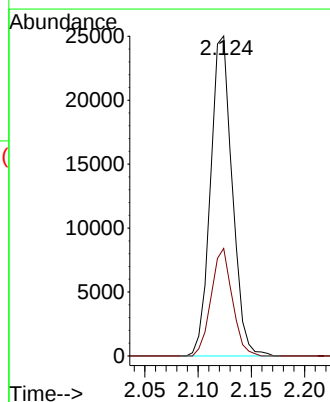
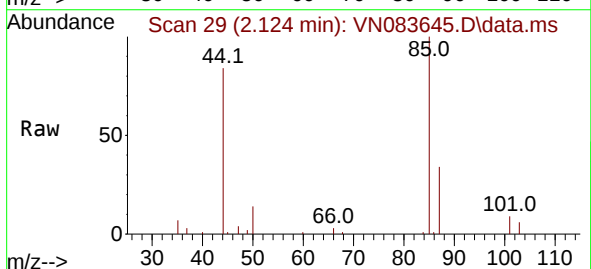
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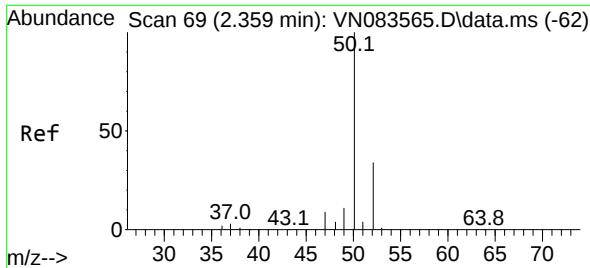
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#2
Dichlorodifluoromethane
Concen: 18.830 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

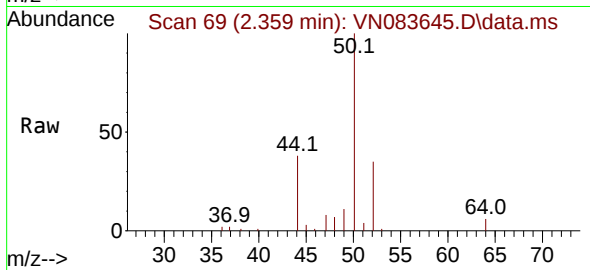
Tgt Ion: 85 Resp: 35485
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0





#3
Chloromethane
Concen: 17.207 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

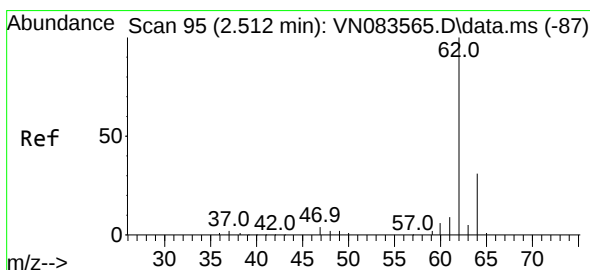
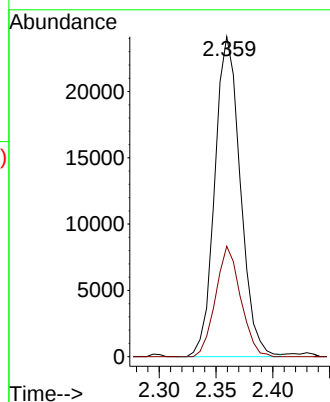
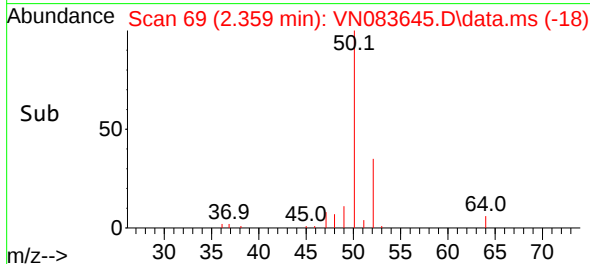
Instrument :
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Tgt Ion: 50 Resp: 37775
Ion Ratio Lower Upper
50 100
52 34.5 27.2 40.8

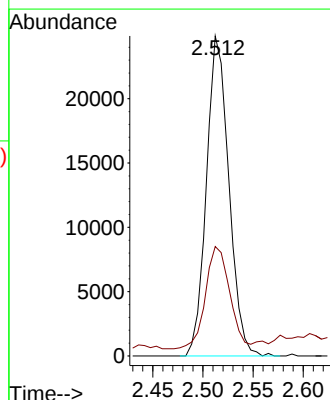
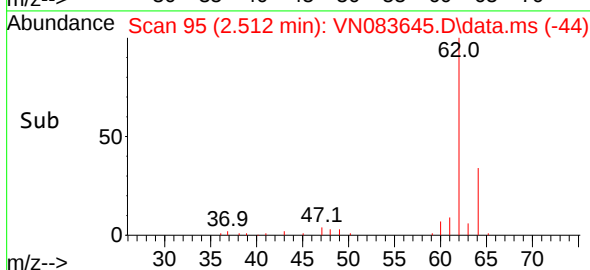
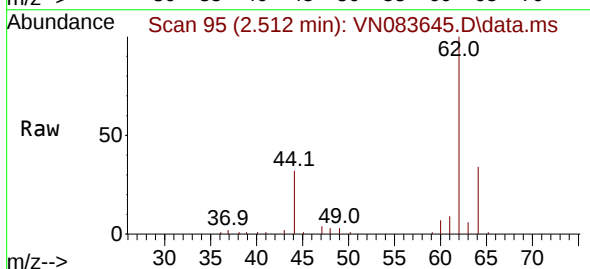
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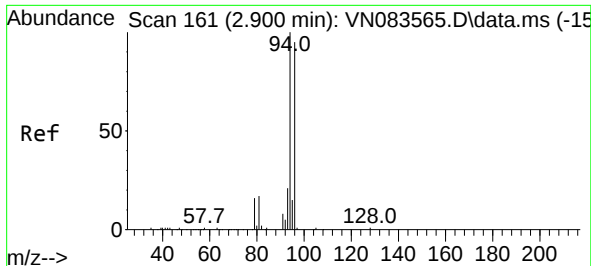
Reviewed By :John Carlone 09/05/2024
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#4
Vinyl Chloride
Concen: 17.608 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion: 62 Resp: 38686
Ion Ratio Lower Upper
62 100
64 31.6 24.7 37.1





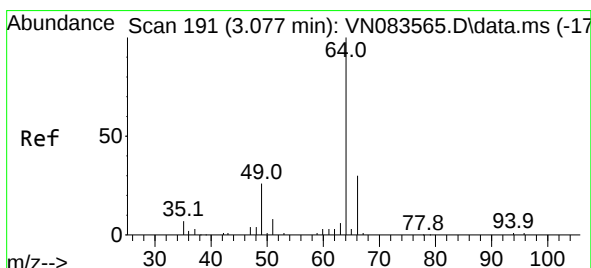
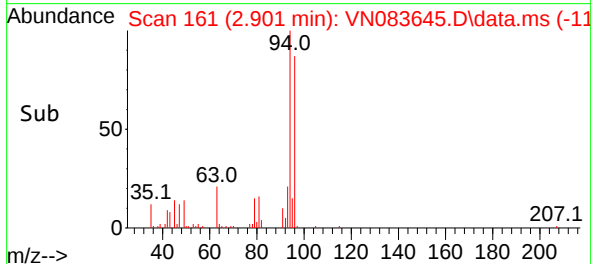
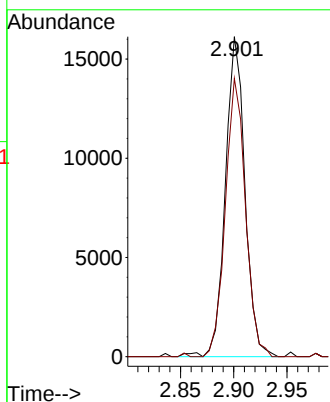
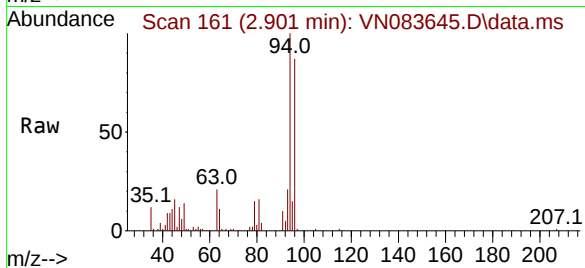
#5
Bromomethane
Concen: 17.859 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
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Tgt Ion: 94 Resp: 20620
Ion Ratio Lower Upper
94 100
96 86.9 76.0 114.0

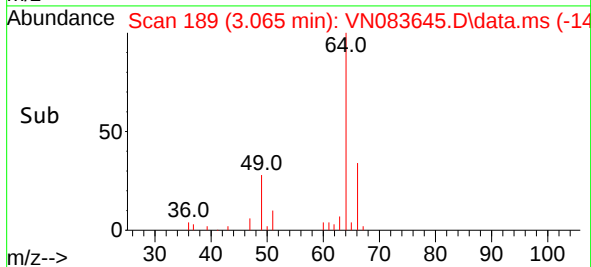
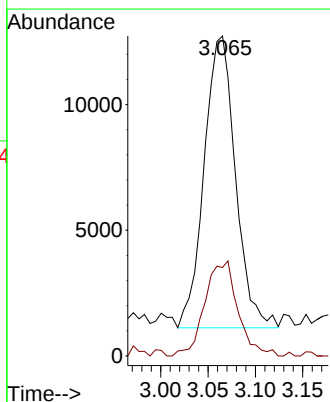
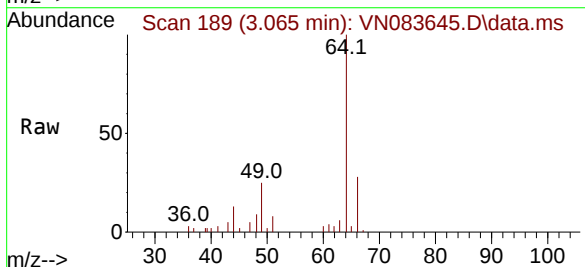
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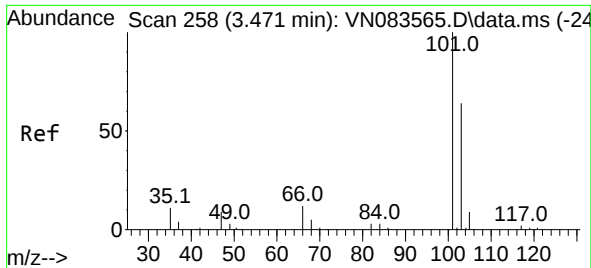
Reviewed By :John Carlone 09/05/2024
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#6
Chloroethane
Concen: 18.650 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.012 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

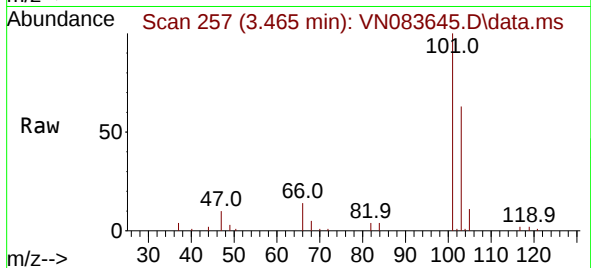
Tgt Ion: 64 Resp: 26775
Ion Ratio Lower Upper
64 100
66 30.3 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 19.332 ug/l
 RT: 3.465 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083645.D
 Acq: 04 Sep 2024 13:30

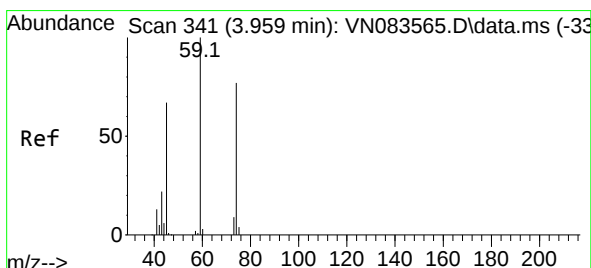
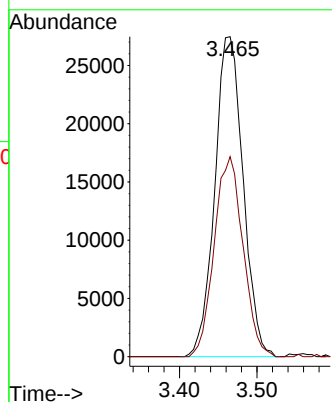
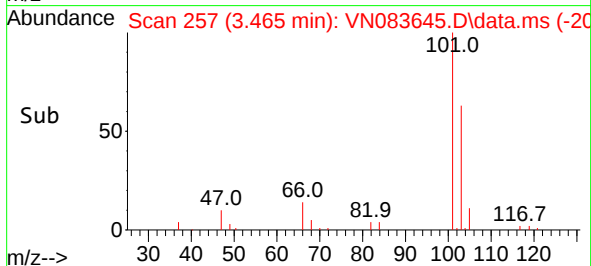
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01



Tgt Ion:101 Resp: 6994
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.0

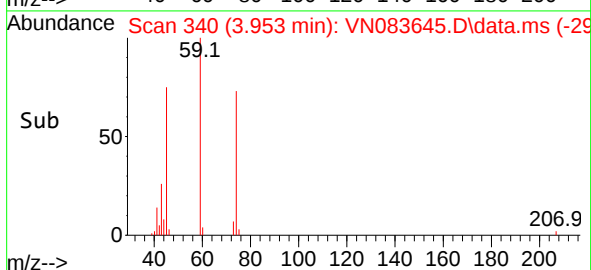
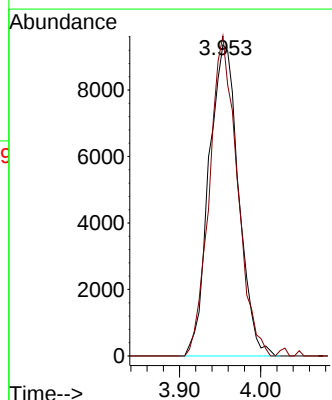
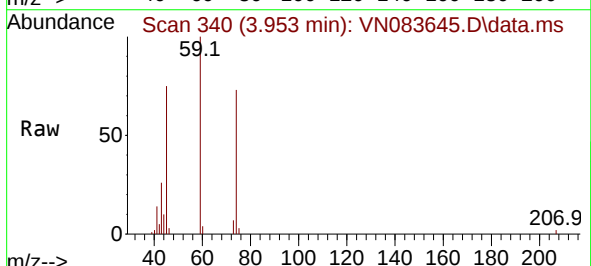
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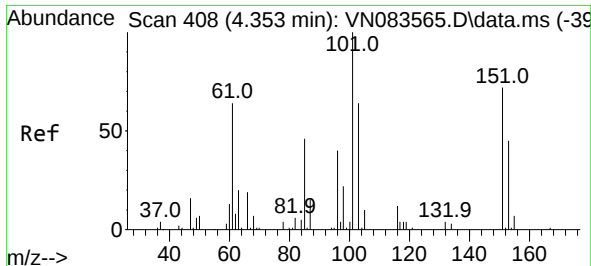
Reviewed By :John Carlone 09/05/2024
 Supervised By :Mahesh Dadoda 09/05/2024



#8
 Diethyl Ether
 Concen: 18.369 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 23758
 Ion Ratio Lower Upper
 74 100
 45 96.5 46.7 140.1





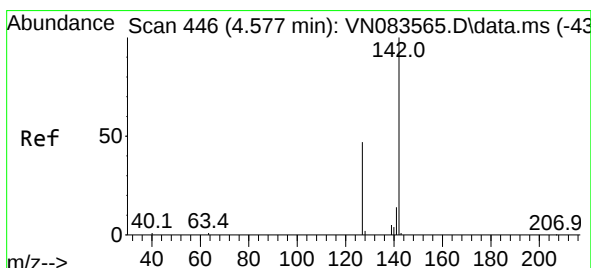
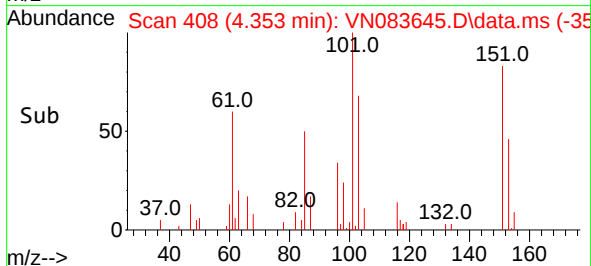
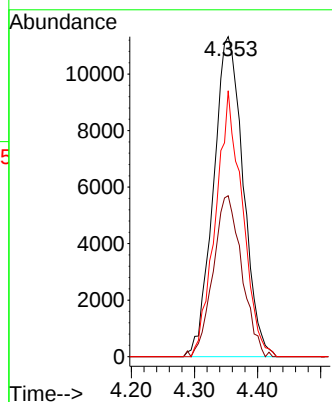
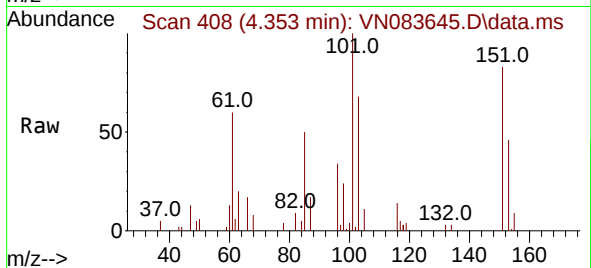
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.886 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion:101 Resp: 3705
Ion Ratio Lower Upper
101 100
85 48.5 36.2 54.4
151 74.9 57.7 86.5

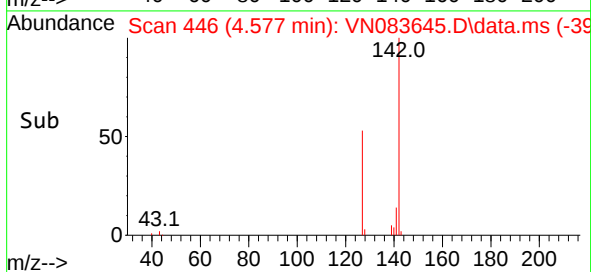
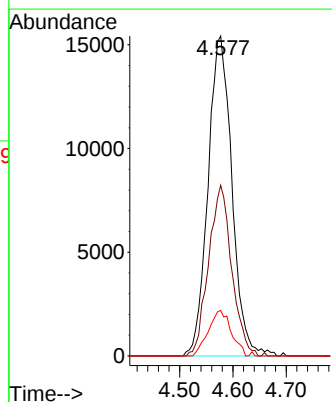
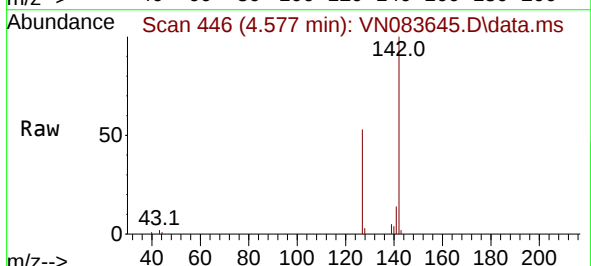
Manual Integrations
APPROVED

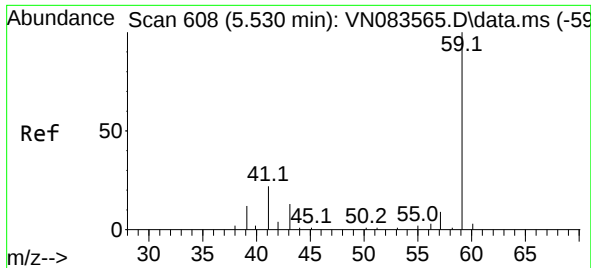
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#10
Methyl Iodide
Concen: 18.129 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

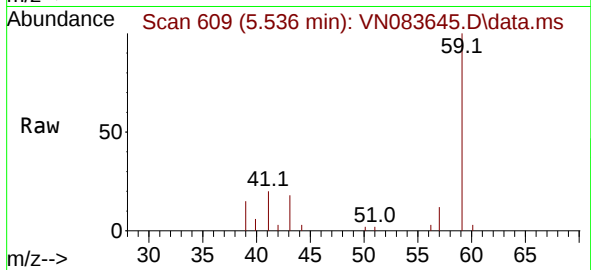
Tgt Ion:142 Resp: 48118
Ion Ratio Lower Upper
142 100
127 53.4 37.5 56.3
141 14.3 11.0 16.4





#11
Tert butyl alcohol
Concen: 91.101 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

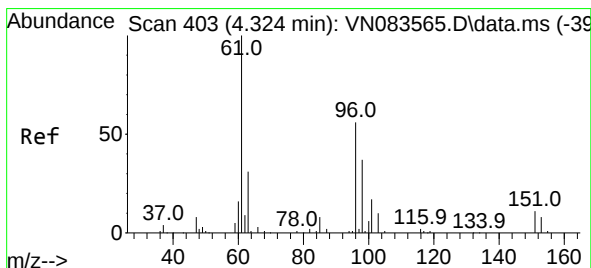
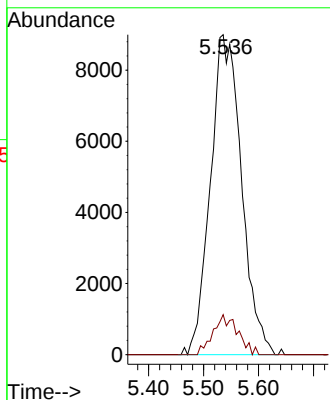
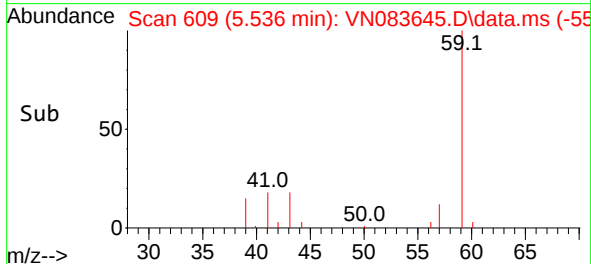
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



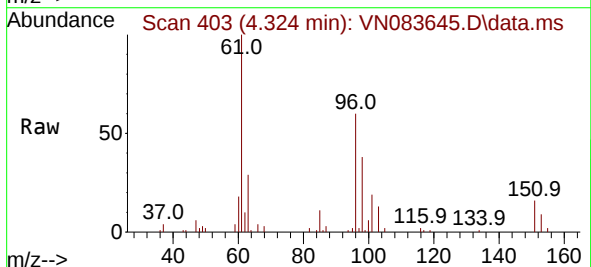
Tgt Ion: 59 Resp: 35349
Ion Ratio Lower Upper
59 100
57 9.9 8.7 13.1

Manual Integrations
APPROVED

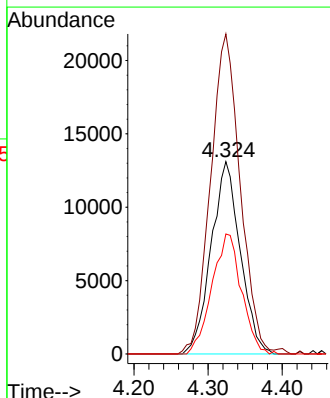
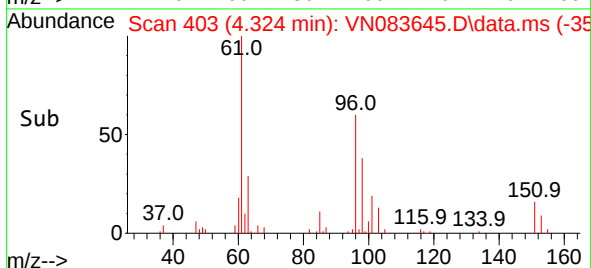
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024

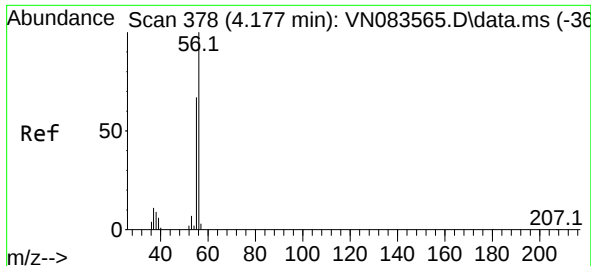


#12
1,1-Dichloroethene
Concen: 18.317 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30



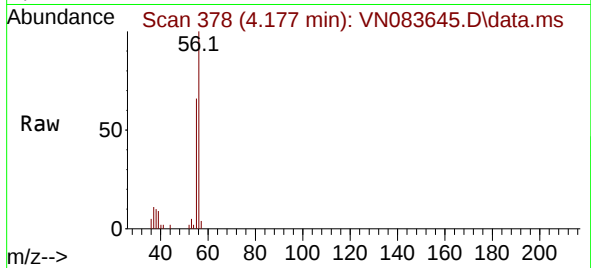
Tgt Ion: 96 Resp: 35731
Ion Ratio Lower Upper
96 100
61 166.4 143.4 215.0
98 62.4 52.7 79.1





#13
Acrolein
Concen: 97.534 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

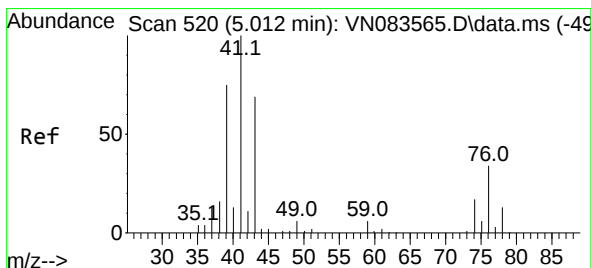
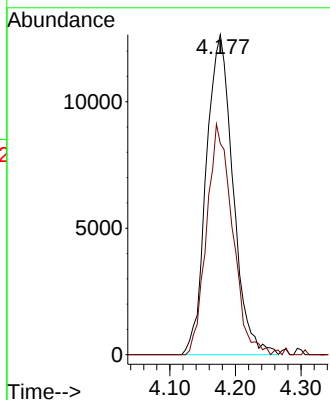
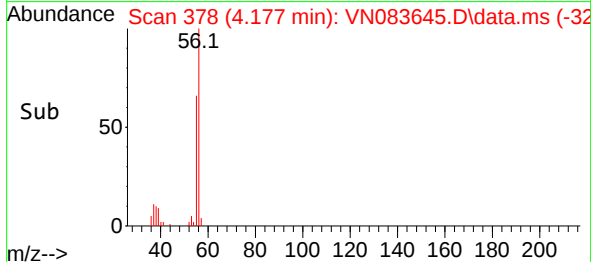
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



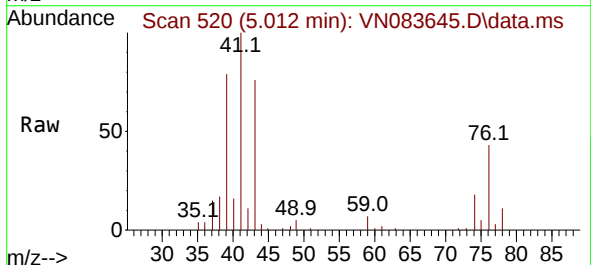
Tgt Ion: 56 Resp: 35804
Ion Ratio Lower Upper
56 100
55 69.7 58.2 87.2

Manual Integrations
APPROVED

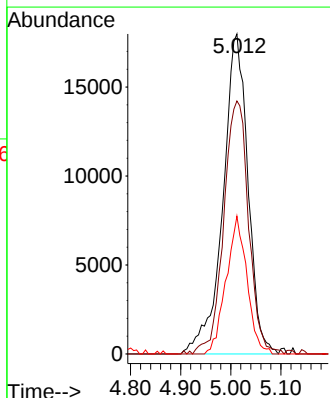
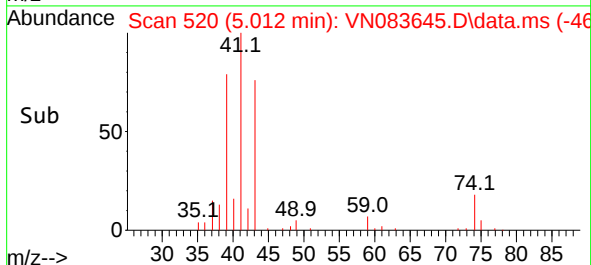
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024

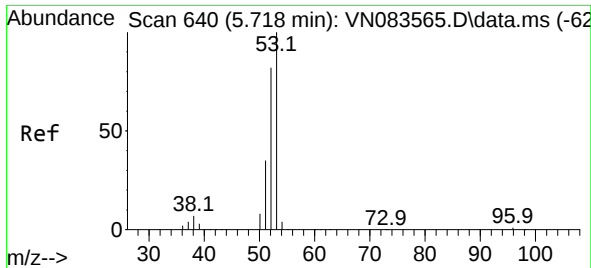


#14
Allyl chloride
Concen: 17.963 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30



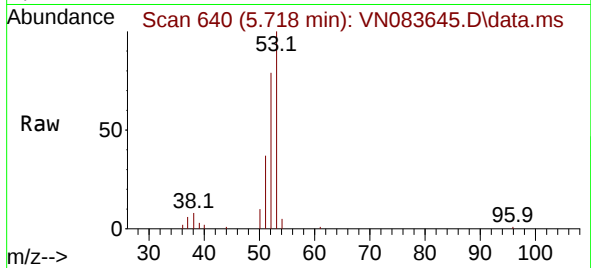
Tgt Ion: 41 Resp: 62476
Ion Ratio Lower Upper
41 100
39 78.5 59.3 88.9
76 35.8 27.7 41.5





#15
Acrylonitrile
Concen: 94.227 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

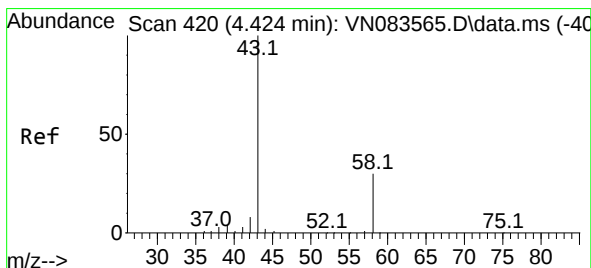
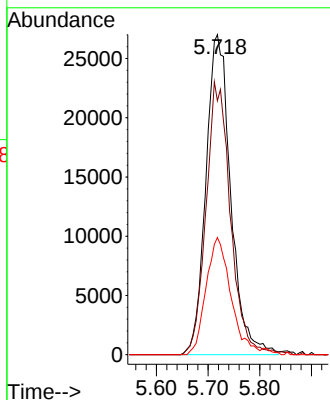
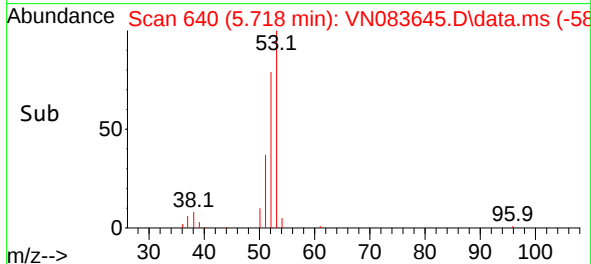
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



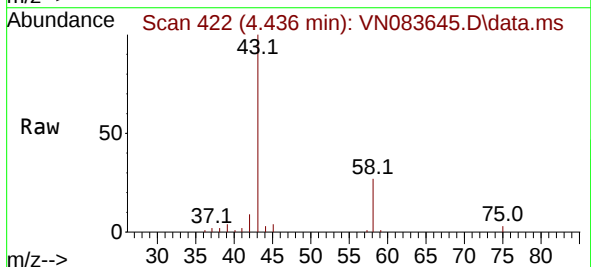
Tgt Ion: 53 Resp: 9016
Ion Ratio Lower Upper
53 100
52 84.2 66.1 99.1
51 36.5 29.6 44.4

Manual Integrations
APPROVED

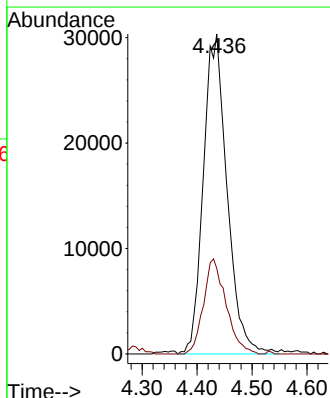
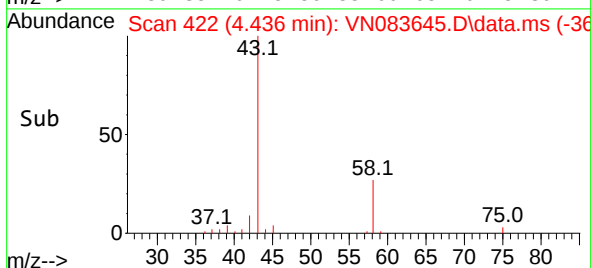
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024

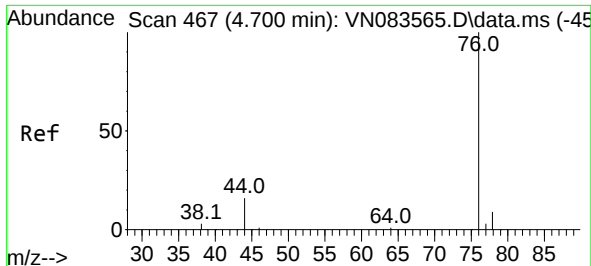


#16
Acetone
Concen: 91.815 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30



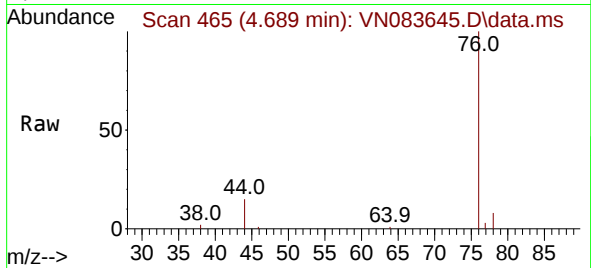
Tgt Ion: 43 Resp: 91118
Ion Ratio Lower Upper
43 100
58 26.7 23.7 35.5





#17
Carbon Disulfide
Concen: 15.445 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.012 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

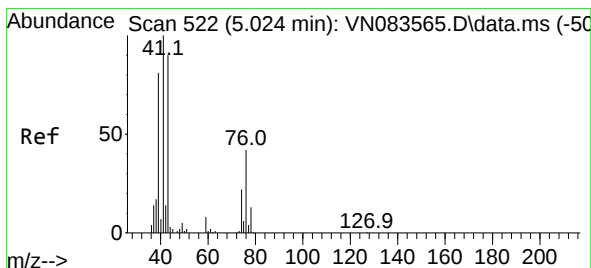
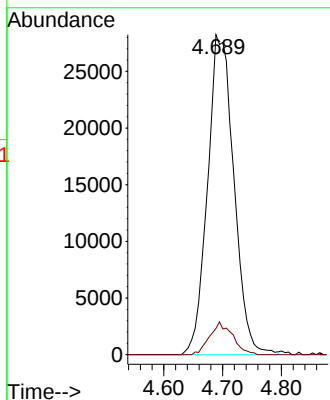
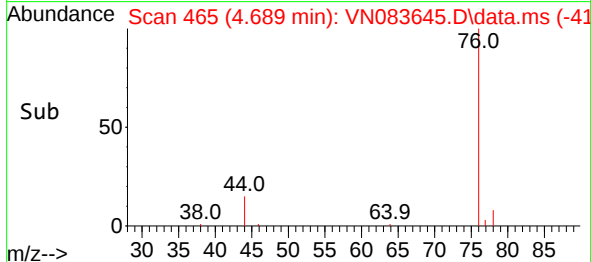
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion: 76 Resp: 8779
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7

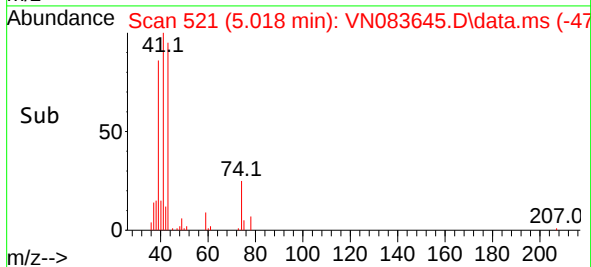
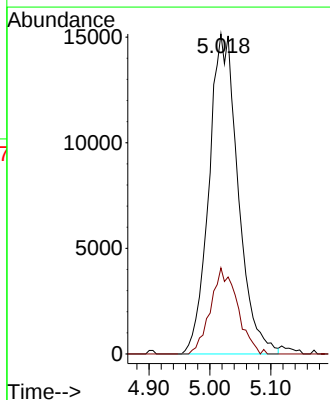
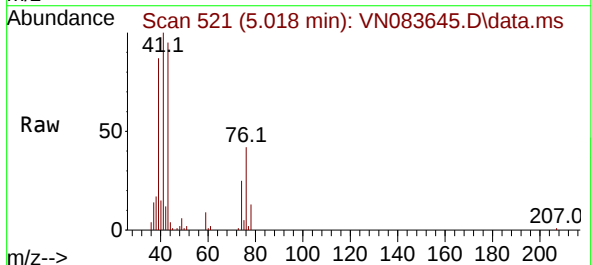
Manual Integrations
APPROVED

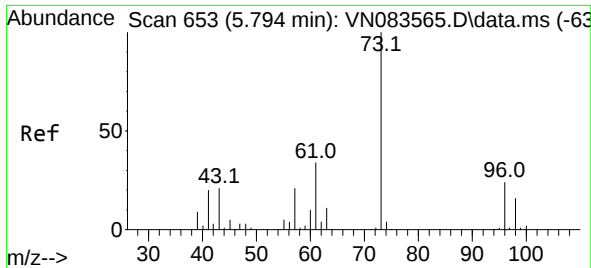
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#18
Methyl Acetate
Concen: 19.116 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion: 43 Resp: 50453
Ion Ratio Lower Upper
43 100
74 24.8 19.0 28.4





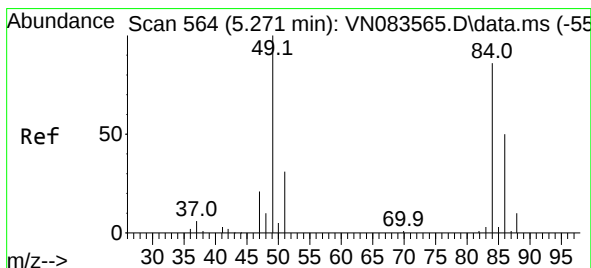
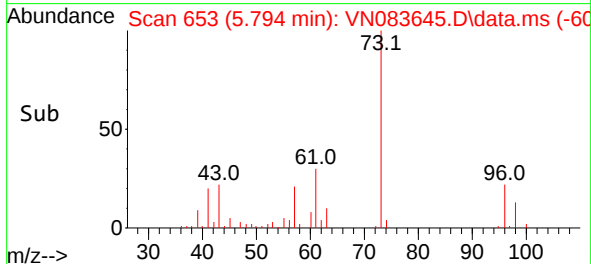
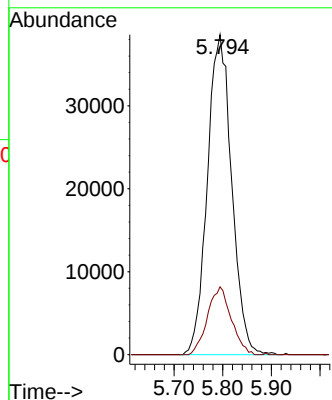
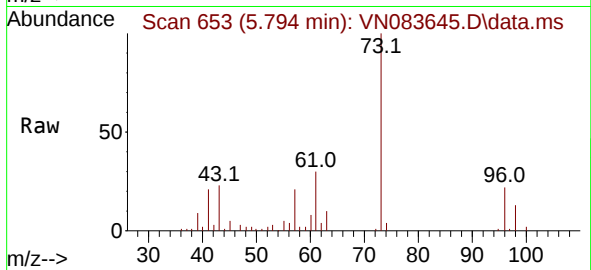
#19
Methyl tert-butyl Ether
Concen: 19.359 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion: 73 Resp: 13395
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6

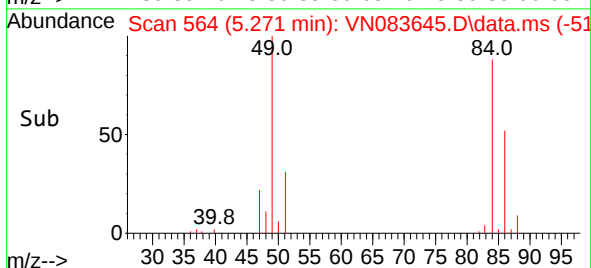
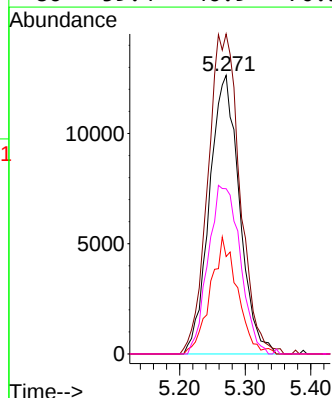
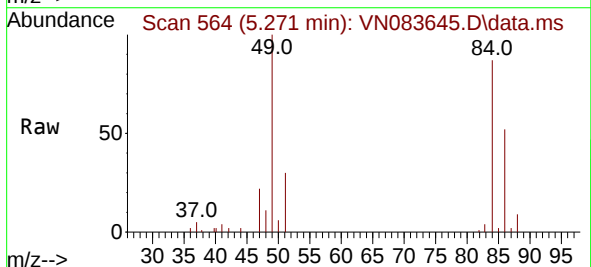
Manual Integrations
APPROVED

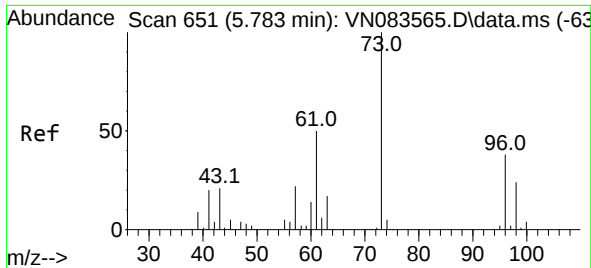
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#20
Methylene Chloride
Concen: 18.323 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion: 84 Resp: 40155
Ion Ratio Lower Upper
84 100
49 114.9 93.4 140.0
51 35.0 29.2 43.8
86 59.4 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 18.062 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

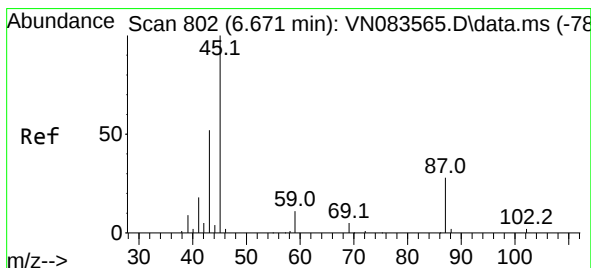
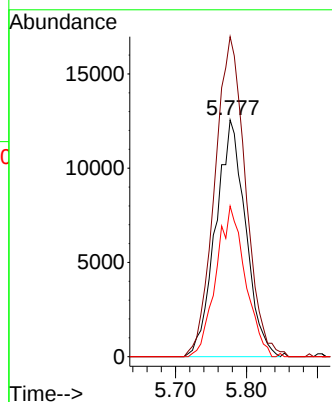
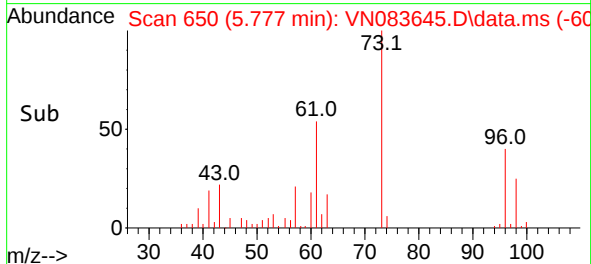
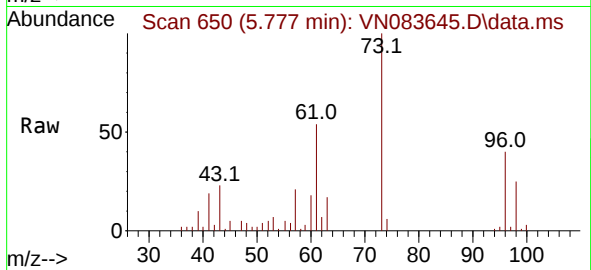
VN0904WBSD01

Tgt Ion: 96 Resp: 3670
Ion Ratio Lower Upper
96 100
61 135.2 106.0 159.0
98 63.6 52.2 78.2

Manual Integrations

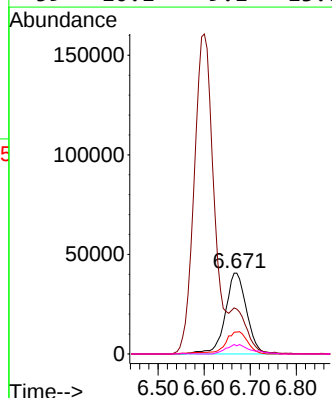
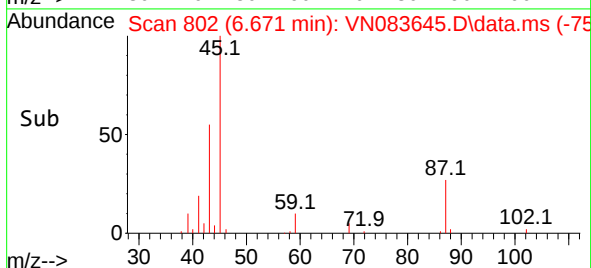
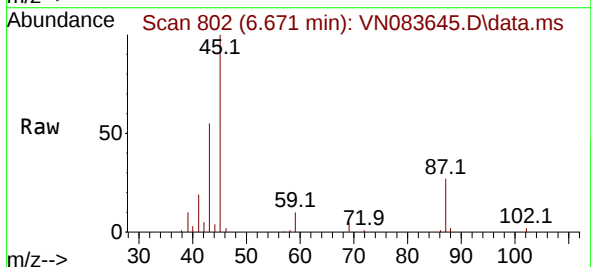
APPROVED

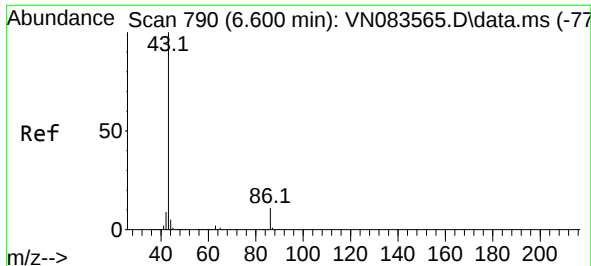
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#22
Diisopropyl ether
Concen: 18.929 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

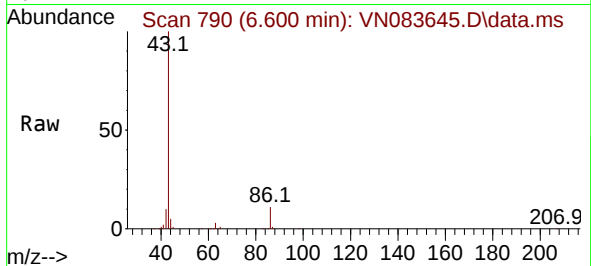
Tgt Ion: 45 Resp: 129816
Ion Ratio Lower Upper
45 100
43 54.4 43.4 65.0
87 27.2 22.6 33.8
59 10.1 9.1 13.7





#23
 Vinyl Acetate
 Concen: 93.792 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083645.D
 Acq: 04 Sep 2024 13:30

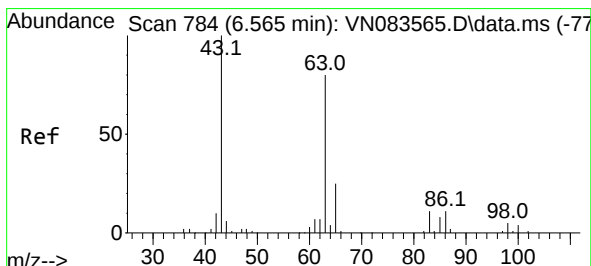
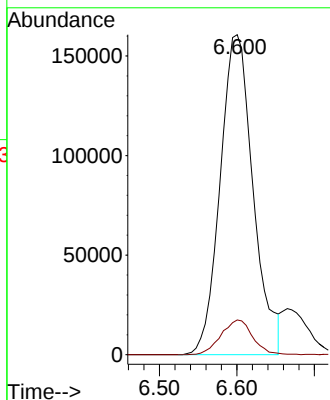
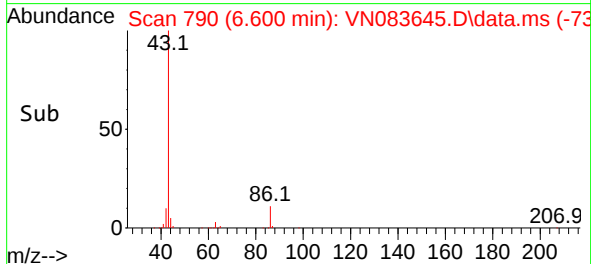
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01



Tgt Ion: 43 Resp: 476678
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.7 13.1

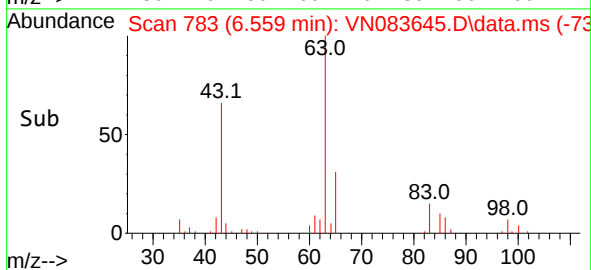
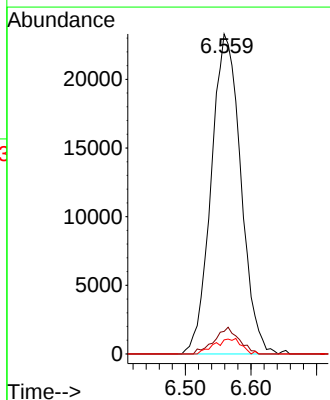
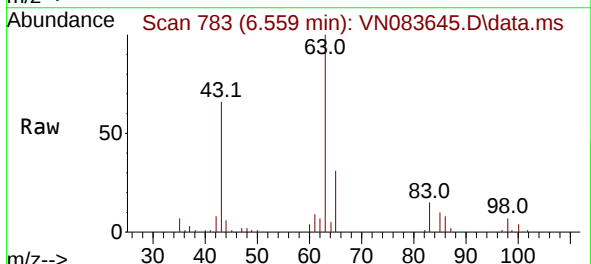
Manual Integrations
 APPROVED

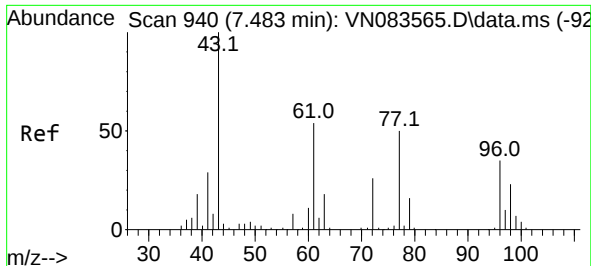
Reviewed By :John Carlone 09/05/2024
 Supervised By :Mahesh Dadoda 09/05/2024



#24
 1,1-Dichloroethane
 Concen: 18.674 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN083645.D
 Acq: 04 Sep 2024 13:30

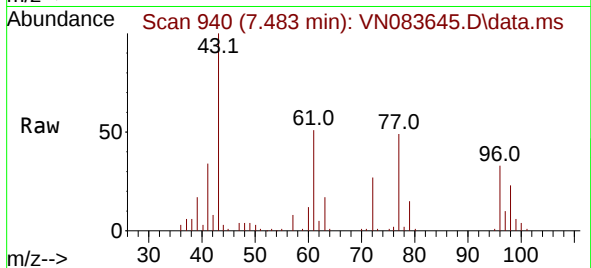
Tgt Ion: 63 Resp: 73034
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.4 2.5 7.5





#25
2-Butanone
Concen: 95.307 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

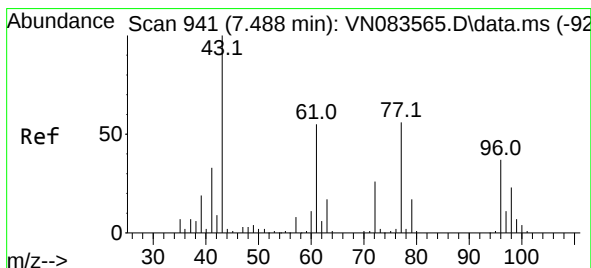
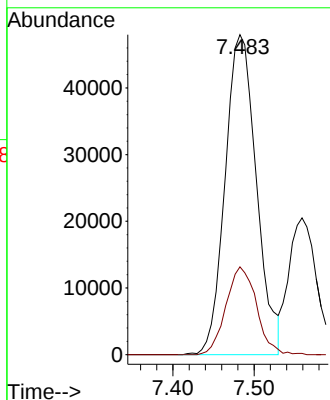
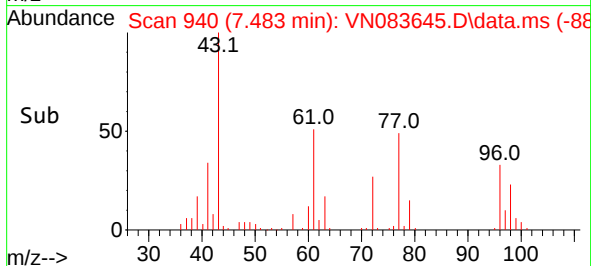
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



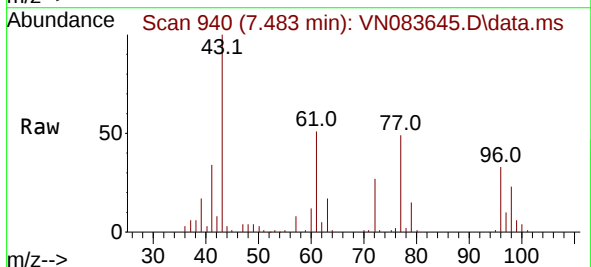
Tgt Ion: 43 Resp: 128778
Ion Ratio Lower Upper
43 100
72 27.5 20.8 31.2

Manual Integrations
APPROVED

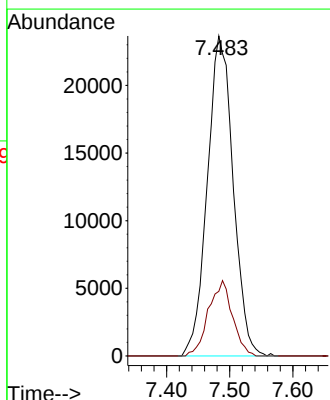
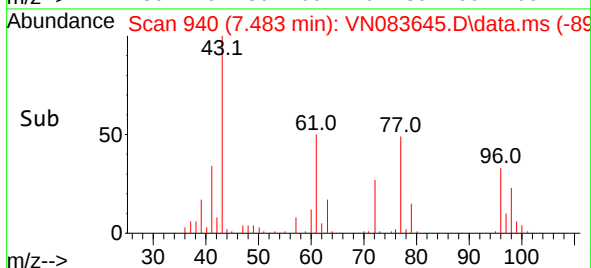
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024

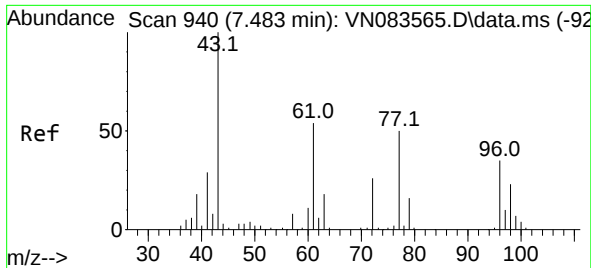


#26
2,2-Dichloropropane
Concen: 18.482 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30



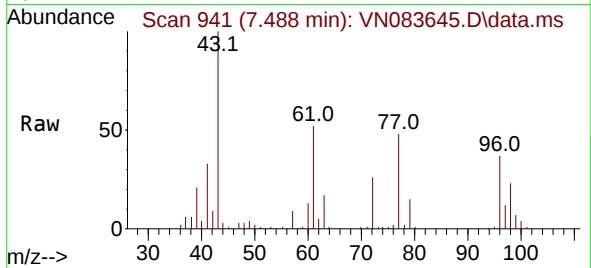
Tgt Ion: 77 Resp: 67295
Ion Ratio Lower Upper
77 100
97 21.8 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.688 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083645.D
 Acq: 04 Sep 2024 13:30

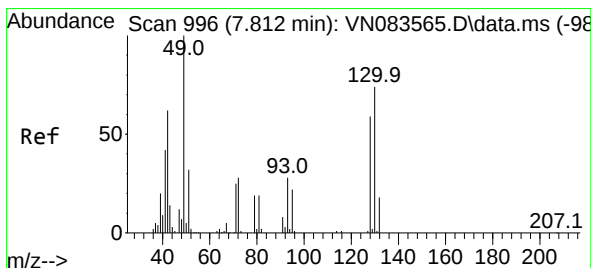
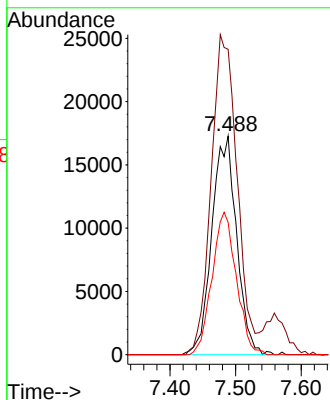
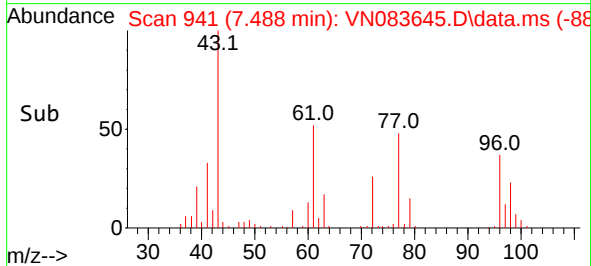
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01



Tgt Ion: 96 Resp: 45312
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 306.2
 98 64.0 0.0 128.6

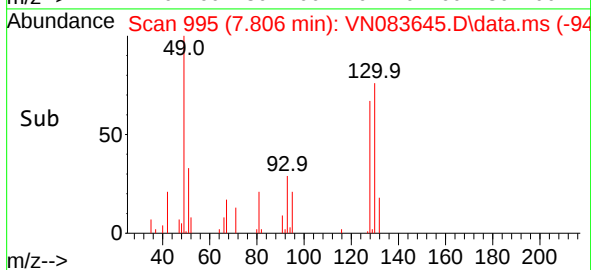
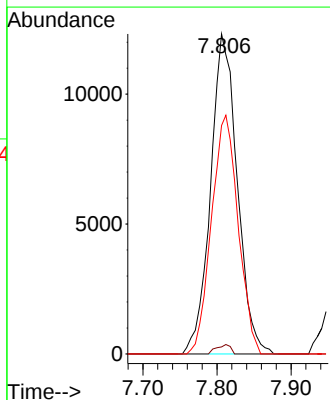
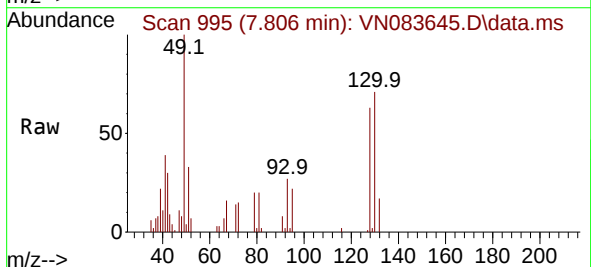
Manual Integrations
 APPROVED

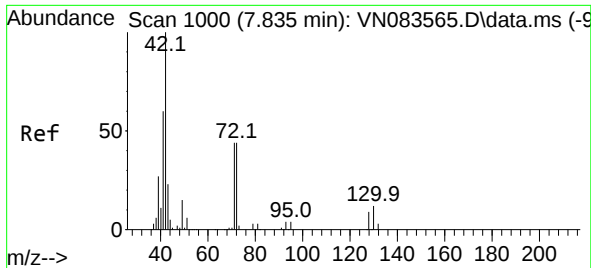
Reviewed By :John Carlone 09/05/2024
 Supervised By :Mahesh Dadoda 09/05/2024



#28
 Bromochloromethane
 Concen: 16.874 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN083645.D
 Acq: 04 Sep 2024 13:30

Tgt Ion: 49 Resp: 30816
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 74.5 60.2 90.2





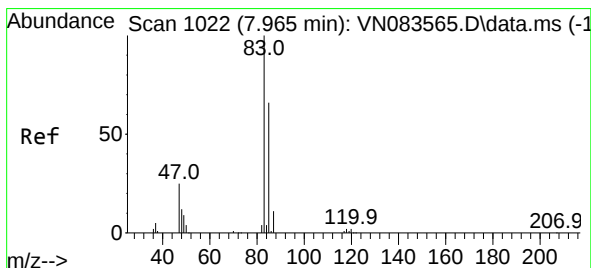
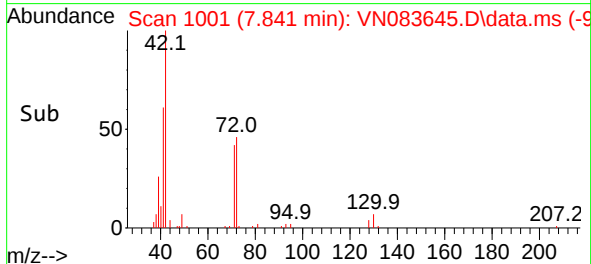
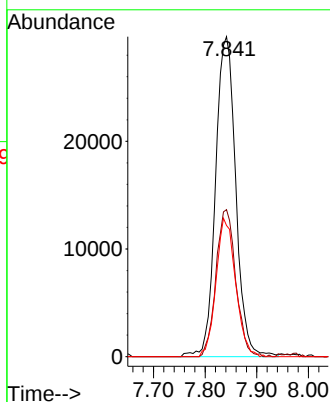
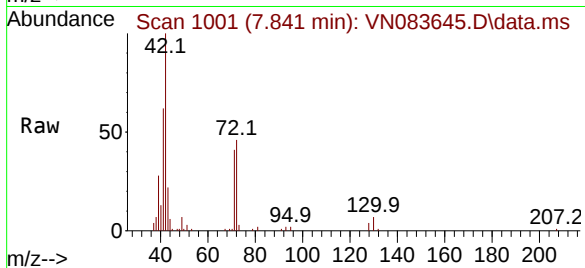
#29
Tetrahydrofuran
Concen: 96.256 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion: 42 Resp: 8067
Ion Ratio Lower Upper
42 100
72 44.9 35.9 53.9
71 41.8 33.9 50.9

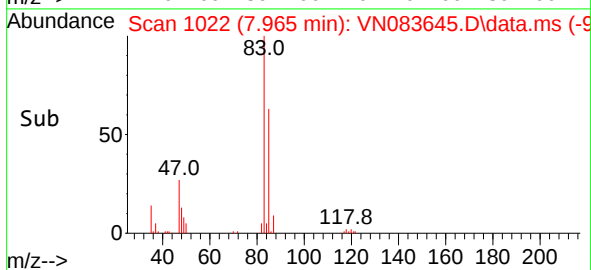
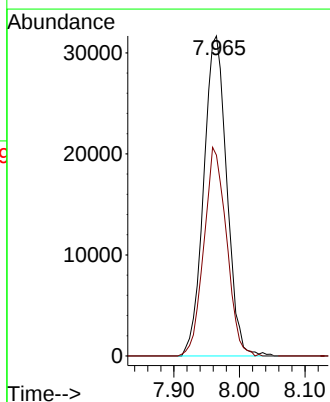
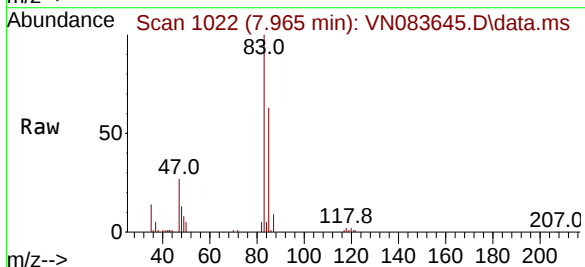
Manual Integrations
APPROVED

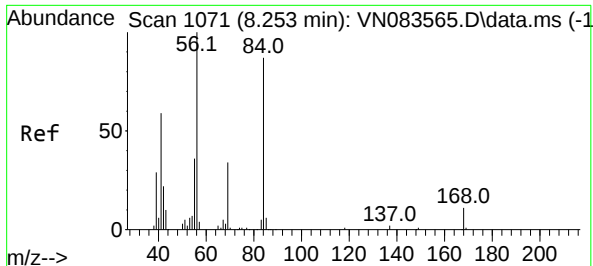
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#30
Chloroform
Concen: 18.782 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

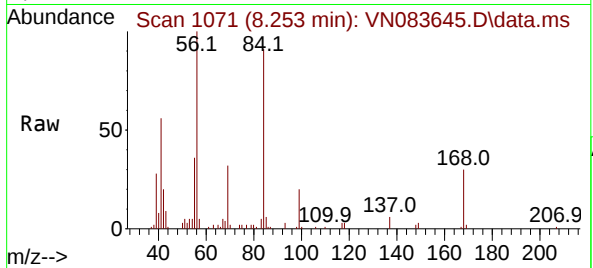
Tgt Ion: 83 Resp: 77390
Ion Ratio Lower Upper
83 100
85 62.7 52.8 79.2





#31
Cyclohexane
Concen: 17.874 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

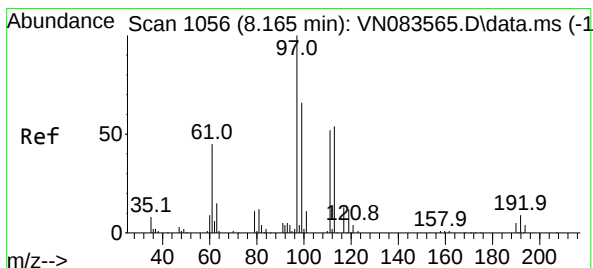
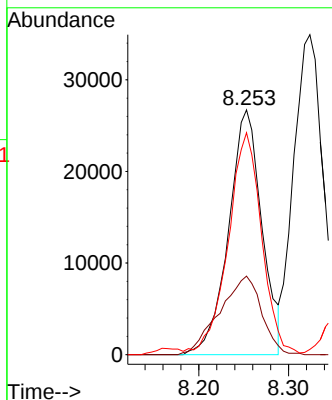
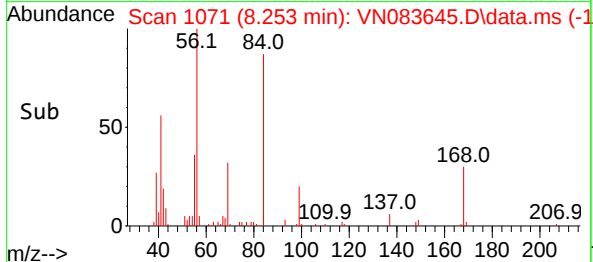
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion: 56 Resp: 6880
Ion Ratio Lower Upper
56 100
69 32.1 26.9 40.3
84 88.4 69.2 103.8

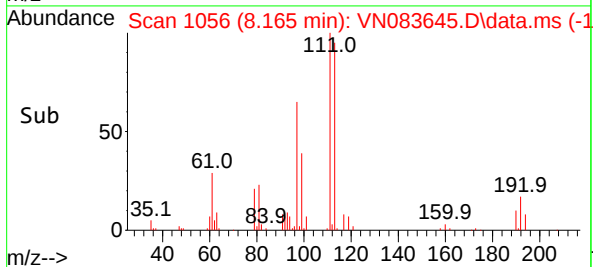
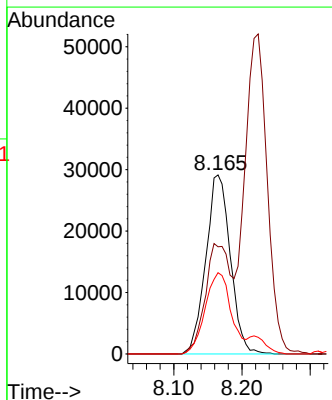
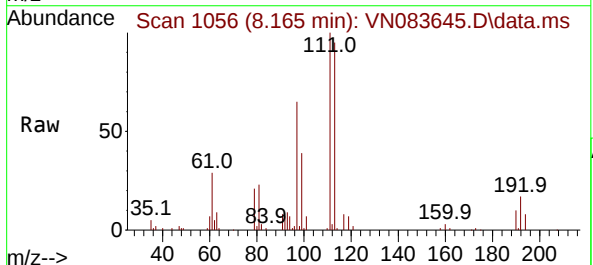
Manual Integrations
APPROVED

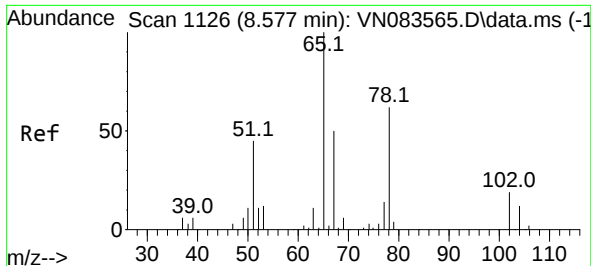
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#32
1,1,1-Trichloroethane
Concen: 19.598 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion: 97 Resp: 73021
Ion Ratio Lower Upper
97 100
99 64.4 52.3 78.5
61 48.3 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 56.534 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01

Tgt Ion: 65 Resp: 14069

Ion Ratio Lower Upper

65 100

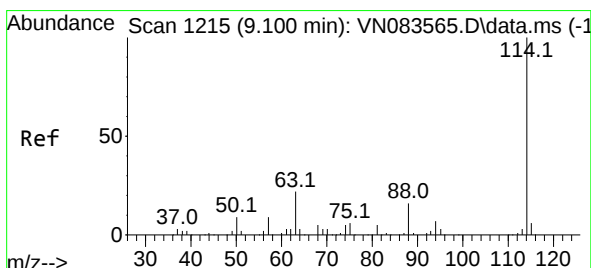
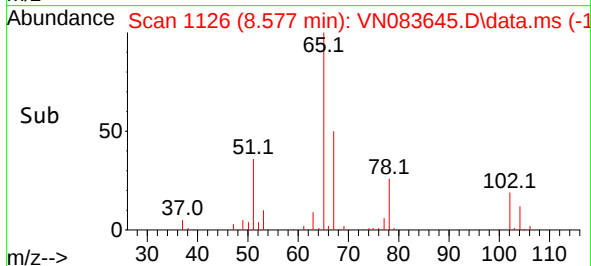
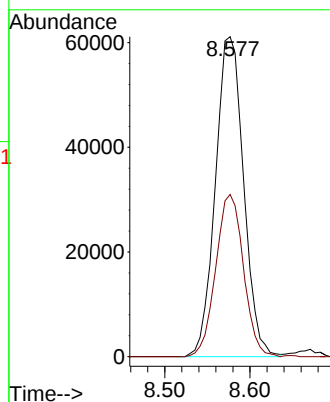
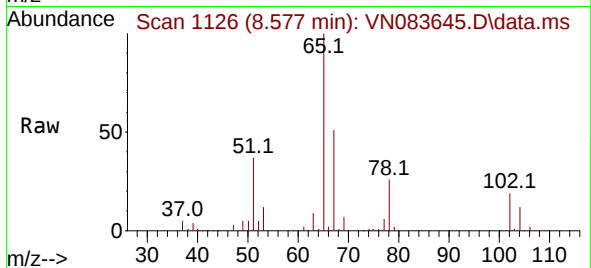
67 49.8 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/05/2024

Supervised By :Mahesh Dadoda 09/05/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

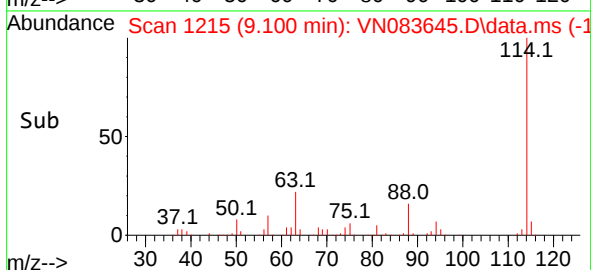
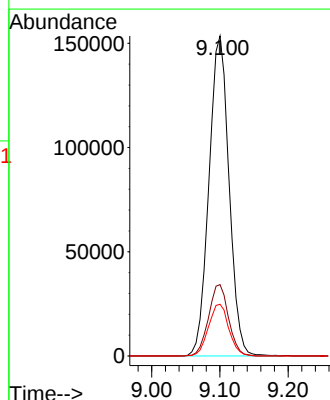
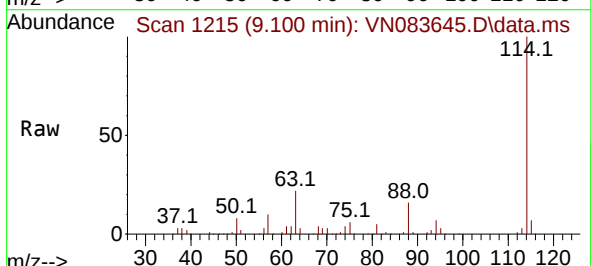
Tgt Ion:114 Resp: 314795

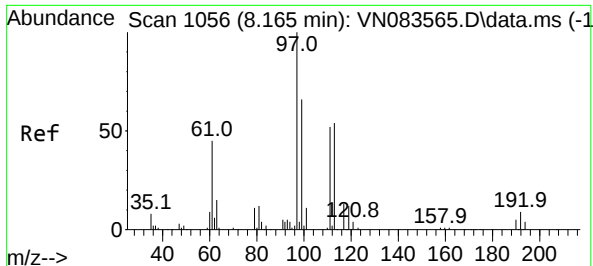
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

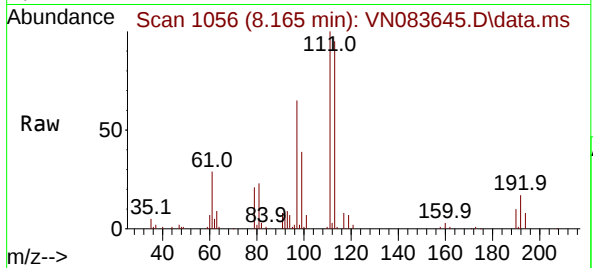
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.852 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

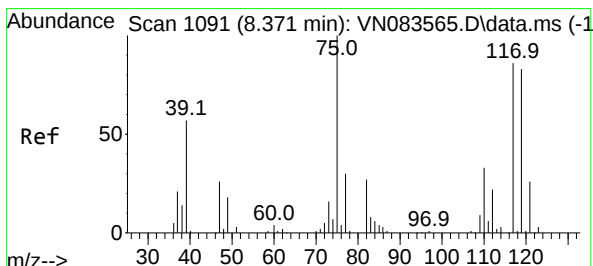
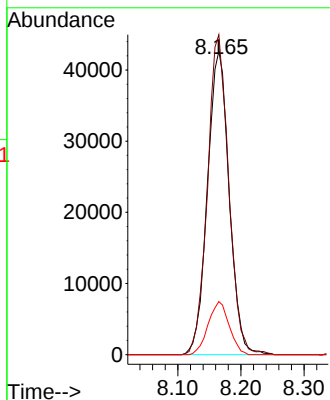
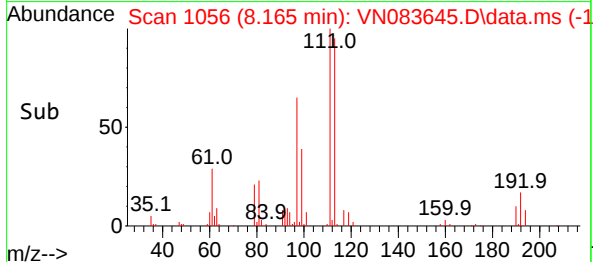
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion: 113 Resp: 10203
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 16.9 14.3 21.5

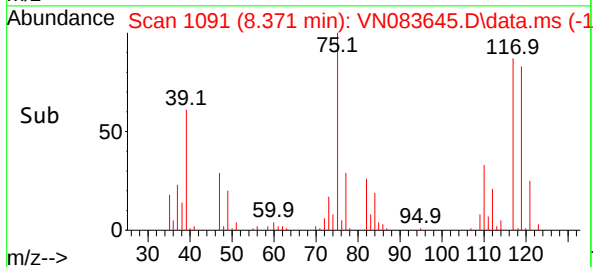
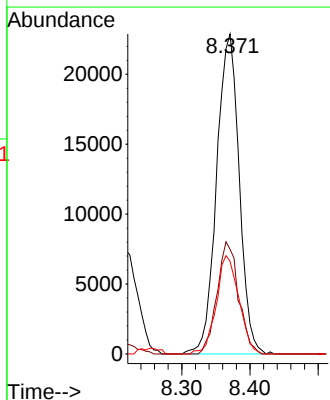
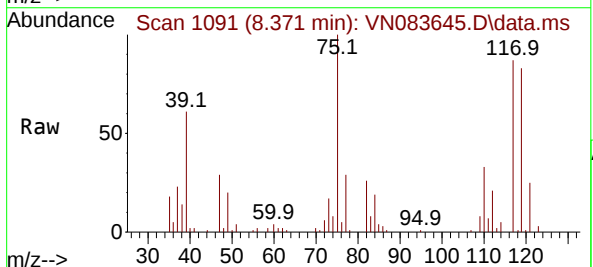
Manual Integrations
APPROVED

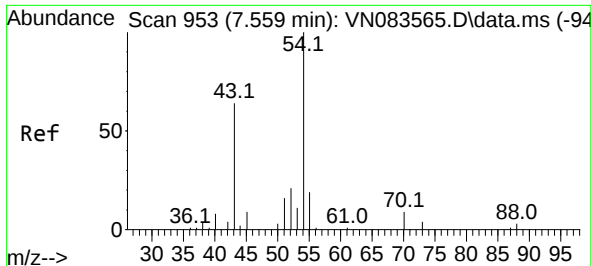
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#36
1,1-Dichloropropene
Concen: 18.284 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

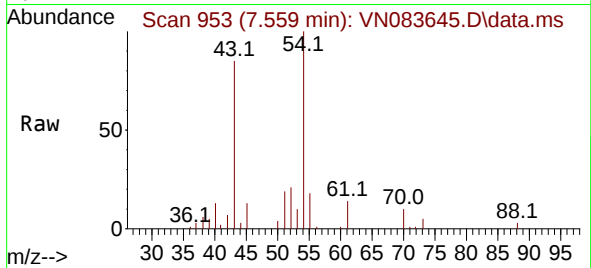
Tgt Ion: 75 Resp: 52842
Ion Ratio Lower Upper
75 100
110 33.3 16.7 50.1
77 30.7 25.2 37.8





#37
Ethyl Acetate
Concen: 18.013 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

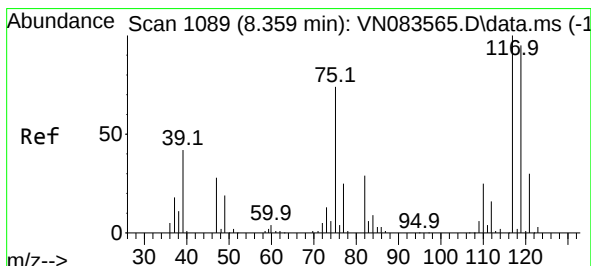
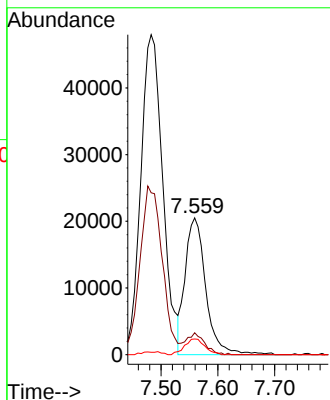
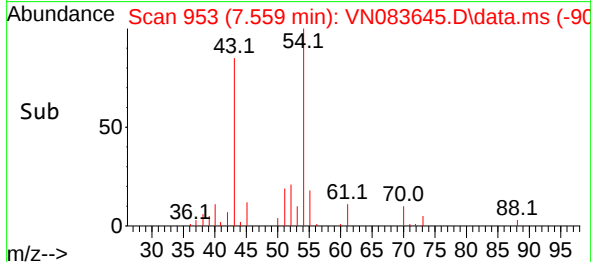
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



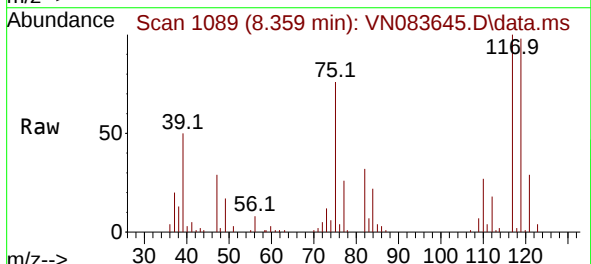
Tgt Ion: 43 Resp: 51809
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 11.3 8.8 13.2

Manual Integrations
APPROVED

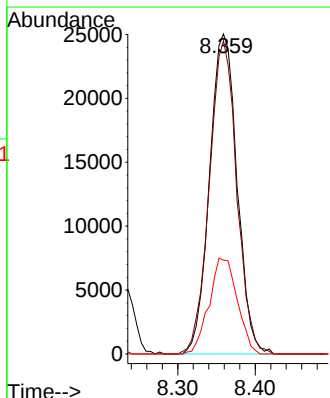
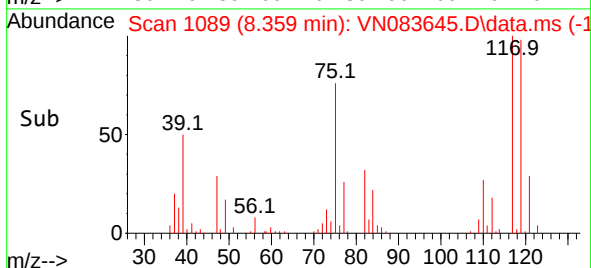
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#38
Carbon Tetrachloride
Concen: 18.752 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30



Tgt Ion:117 Resp: 61833
Ion Ratio Lower Upper
117 100
119 97.8 76.1 114.1
121 29.3 24.1 36.1





#39

Methylcyclohexane

Concen: 18.087 ug/l

RT: 9.594 min Scan# 11299

Delta R.T. -0.006 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01

Tgt Ion: 83 Resp: 6272

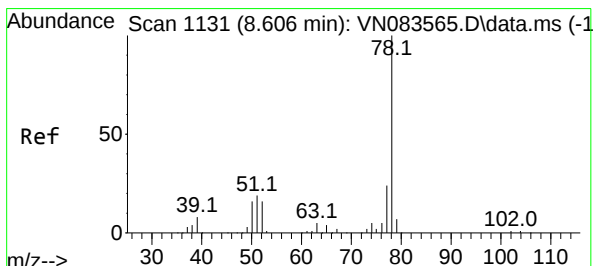
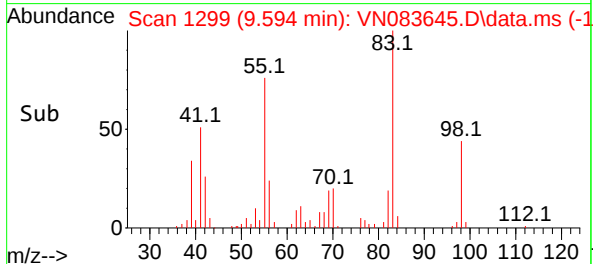
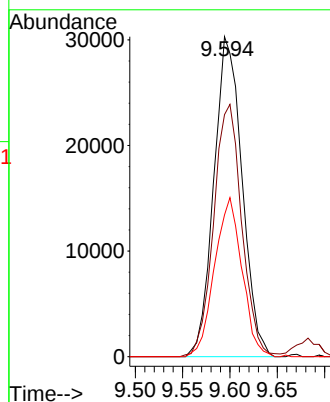
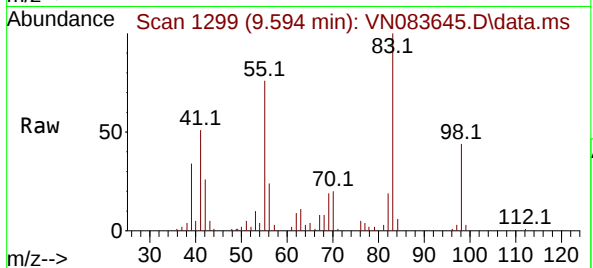
Ion	Ratio	Lower	Upper
83	100		
55	75.6	62.2	93.4
98	44.3	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/05/2024

Supervised By :Mahesh Dadoda 09/05/2024



#40

Benzene

Concen: 18.207 ug/l

RT: 8.606 min Scan# 1131

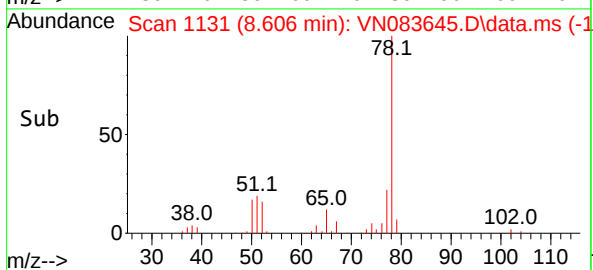
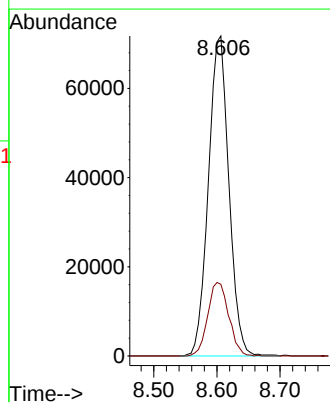
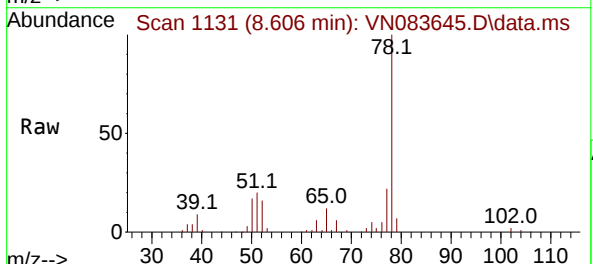
Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Tgt Ion: 78 Resp: 161862

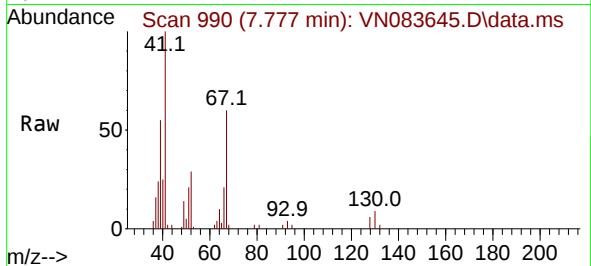
Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.6





#41
Methacrylonitrile
Concen: 17.631 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

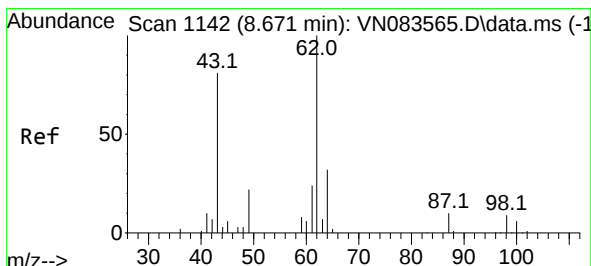
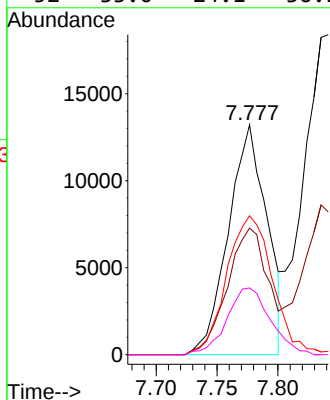
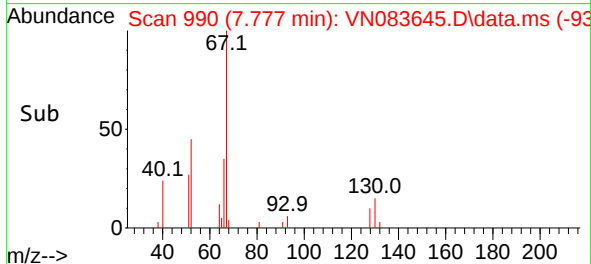
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion:	41	Resp:	2893
Ion Ratio	100	Lower	Upper
39	58.4	45.4	68.2
67	72.4	55.9	83.9
52	33.0	24.1	36.1

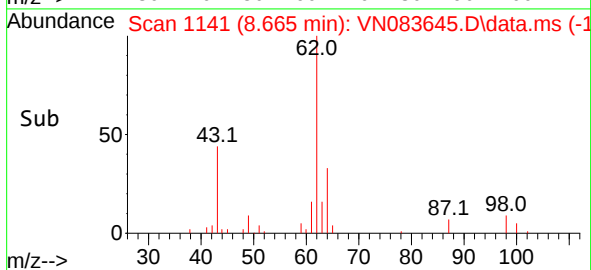
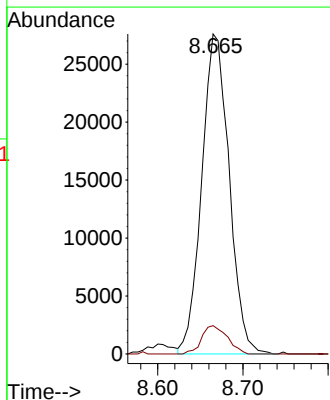
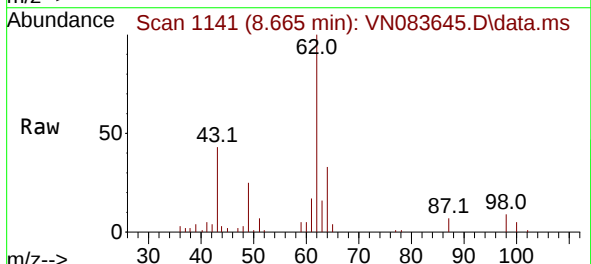
Manual Integrations
APPROVED

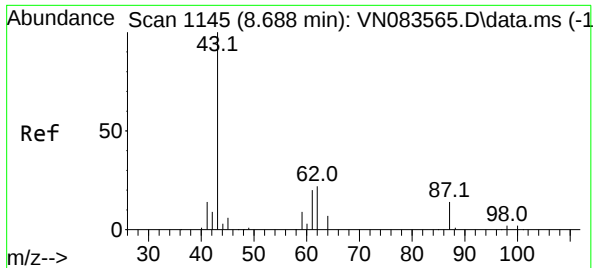
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#42
1,2-Dichloroethane
Concen: 18.724 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion:	62	Resp:	61705
Ion Ratio	100	Lower	Upper
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 15.838 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01

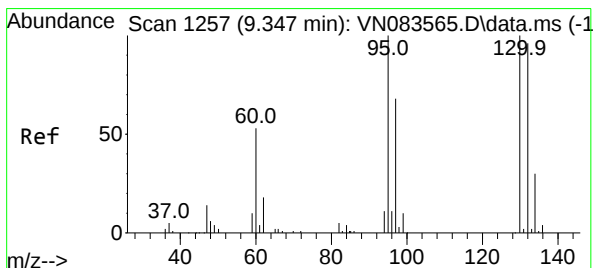
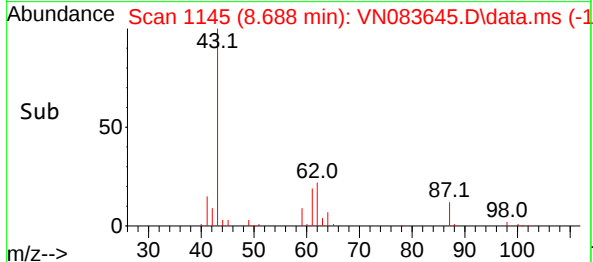
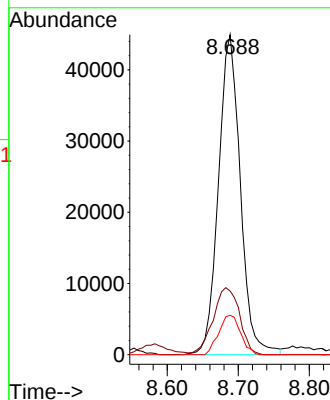
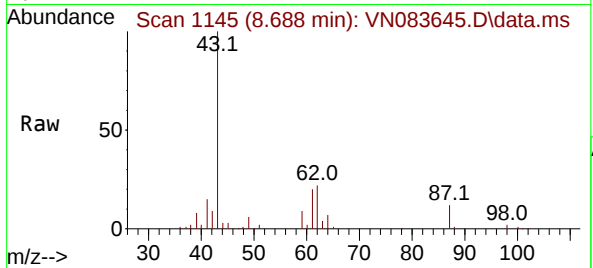
Tgt Ion: 43	Resp: 96069
Ion Ratio	Lower Upper
43 100	
61 25.3	19.4 29.0
87 12.2	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/05/2024

Supervised By :Mahesh Dadoda 09/05/2024



#44

Trichloroethene

Concen: 17.872 ug/l

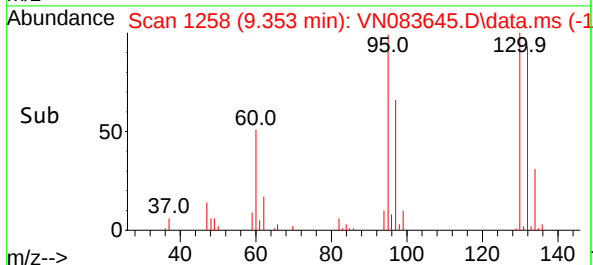
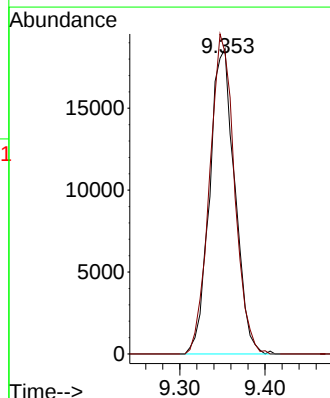
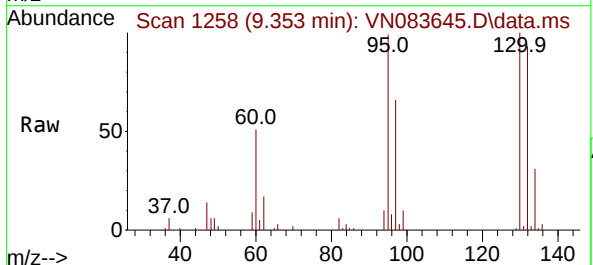
RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Tgt Ion:130	Resp: 38220
Ion Ratio	Lower Upper
130 100	
95 98.7	0.0 200.4





#45

1,2-Dichloropropane

Concen: 19.023 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01

Tgt Ion: 63 Resp: 3939

Ion Ratio Lower Upper

63 100

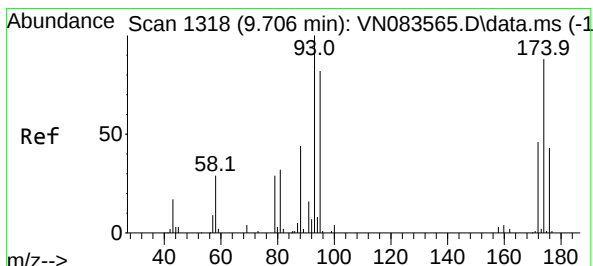
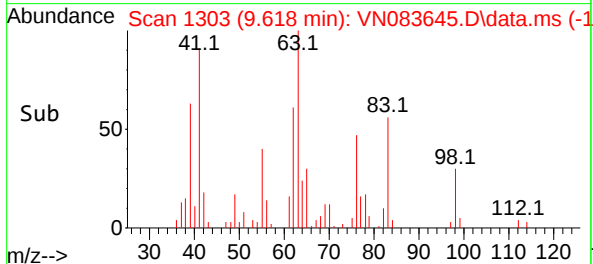
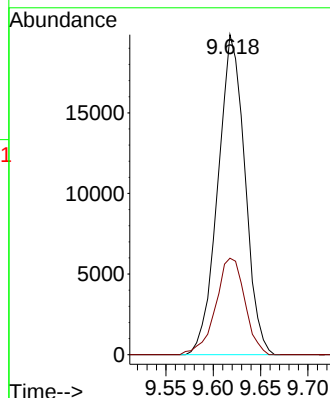
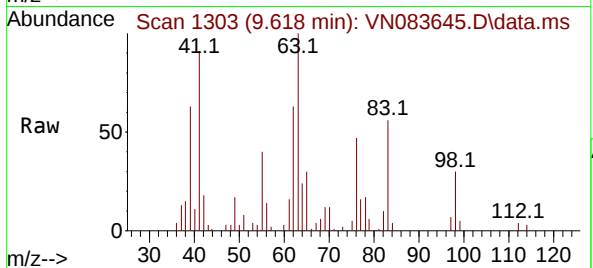
65 30.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/05/2024

Supervised By :Mahesh Dadoda 09/05/2024



#46

Dibromomethane

Concen: 18.582 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

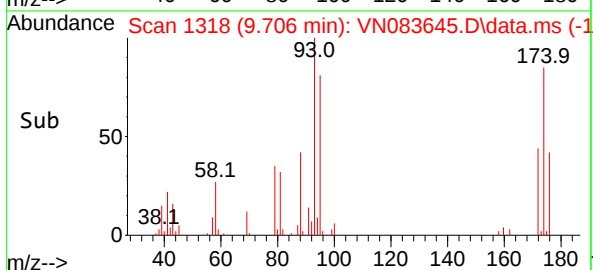
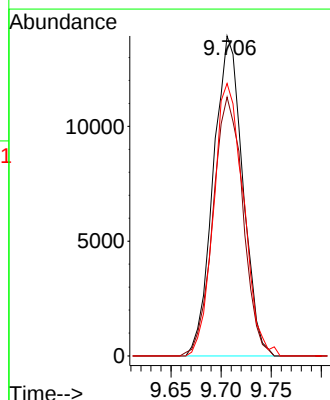
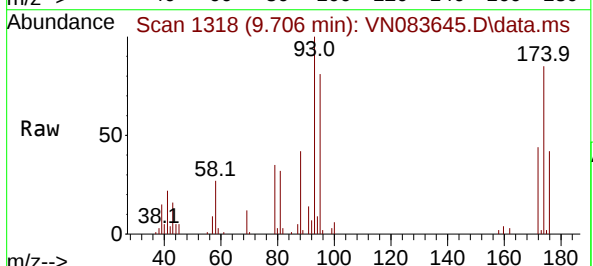
Tgt Ion: 93 Resp: 28390

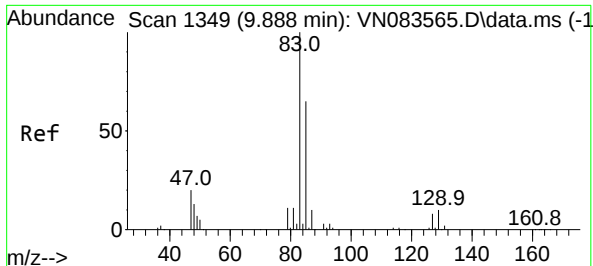
Ion Ratio Lower Upper

93 100

95 82.3 65.3 97.9

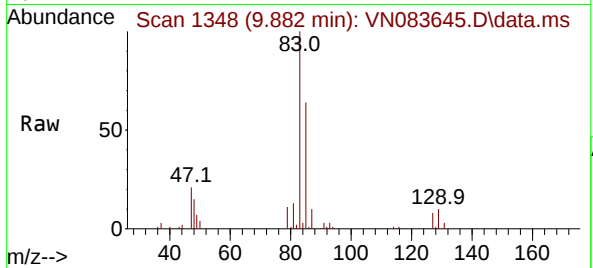
174 86.4 71.0 106.4





#47
Bromodichloromethane
Concen: 18.599 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

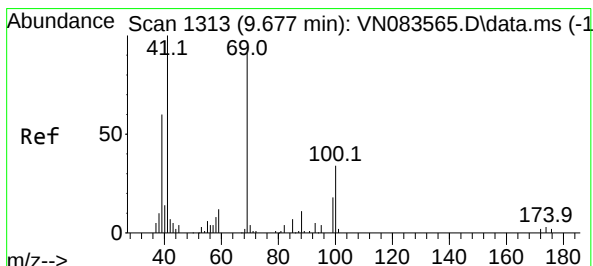
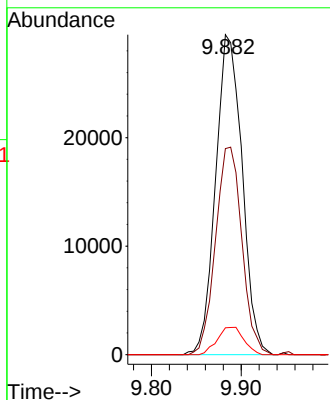
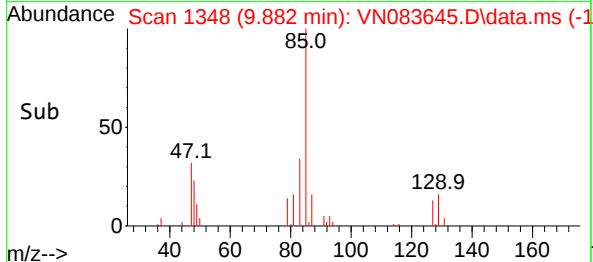
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion: 83 Resp: 6049
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8
127 8.4 6.6 9.8

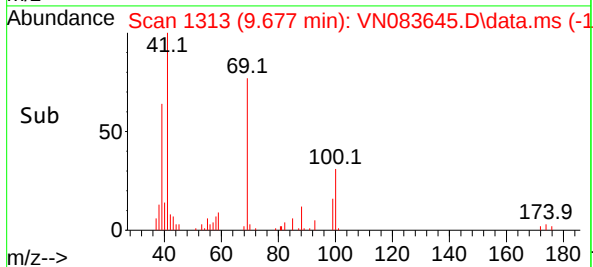
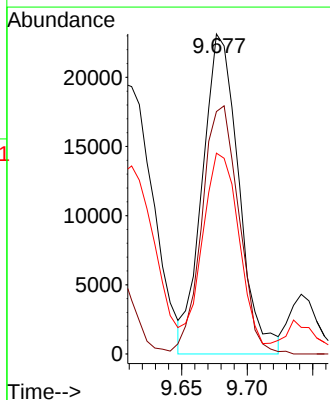
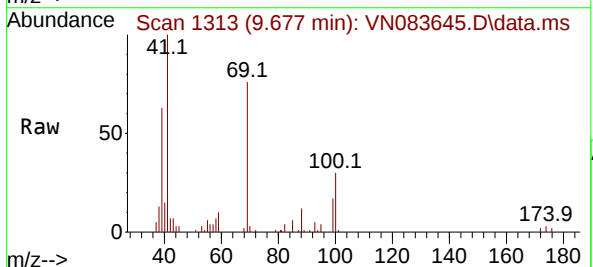
Manual Integrations
APPROVED

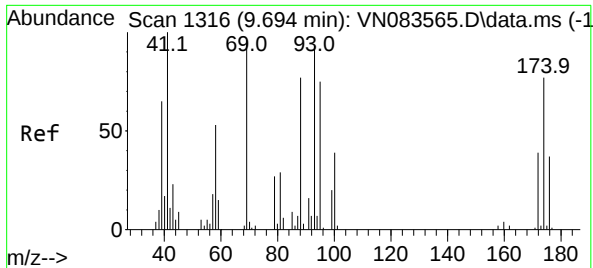
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#48
Methyl methacrylate
Concen: 18.913 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion: 41 Resp: 44618
Ion Ratio Lower Upper
41 100
69 78.8 64.3 96.5
39 65.0 48.9 73.3





#49

1,4-Dioxane

Concen: 383.131 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01

Tgt Ion: 88 Resp: 14810

Ion Ratio Lower Upper

88 100

43 28.1 0.0 0.0

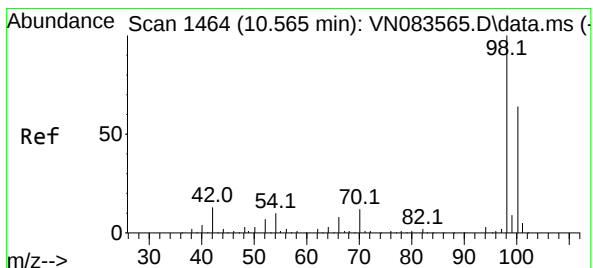
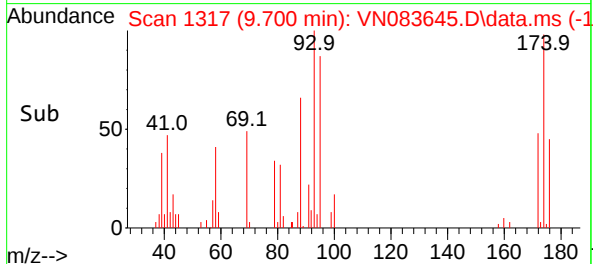
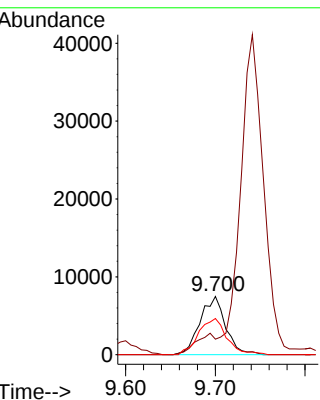
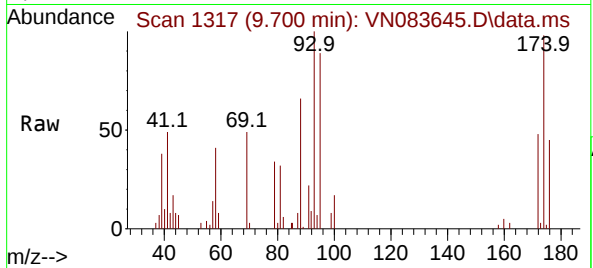
58 68.6 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/05/2024

Supervised By :Mahesh Dadoda 09/05/2024



#50

Toluene-d8

Concen: 50.338 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083645.D

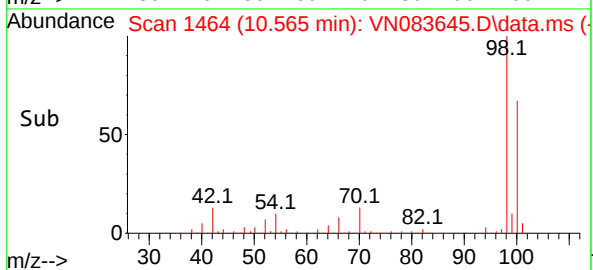
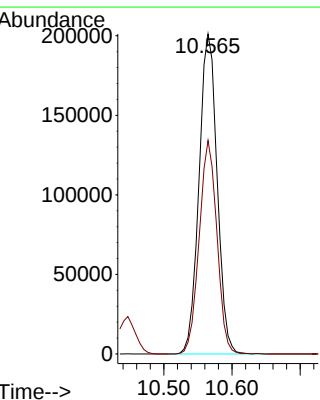
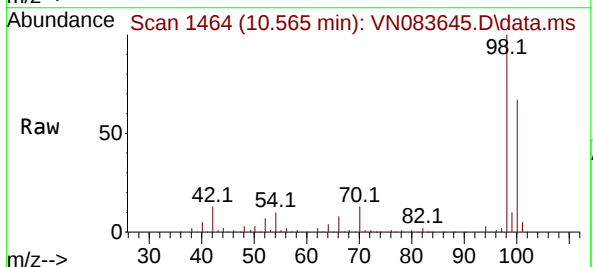
Acq: 04 Sep 2024 13:30

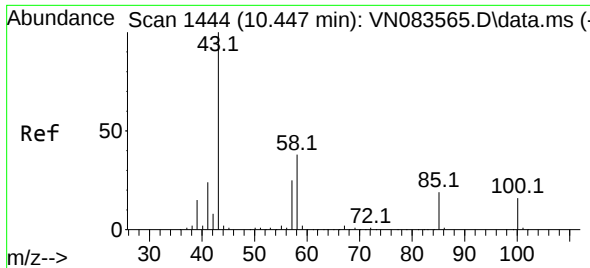
Tgt Ion: 98 Resp: 371887

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0





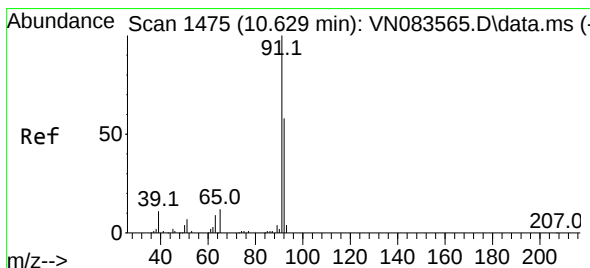
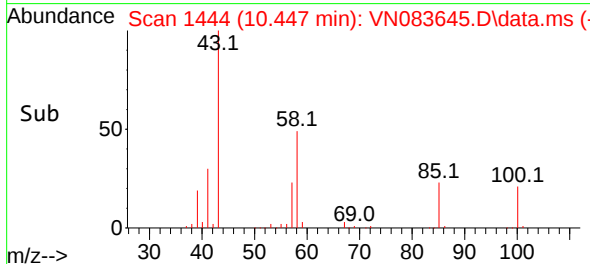
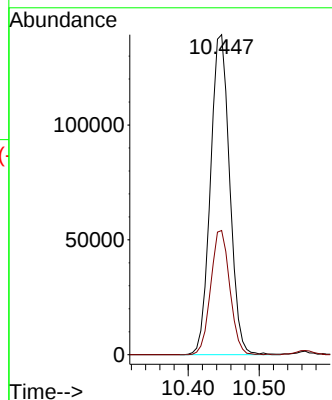
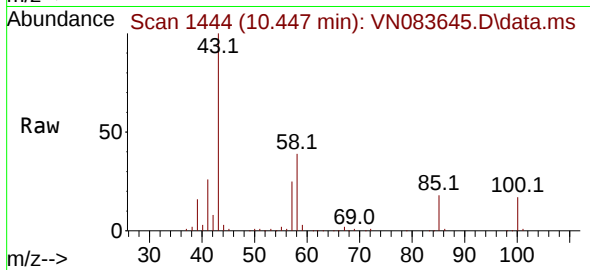
#51
4-Methyl-2-Pentanone
Concen: 97.953 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion: 43 Resp: 26192
Ion Ratio Lower Upper
43 100
58 38.5 31.6 47.4

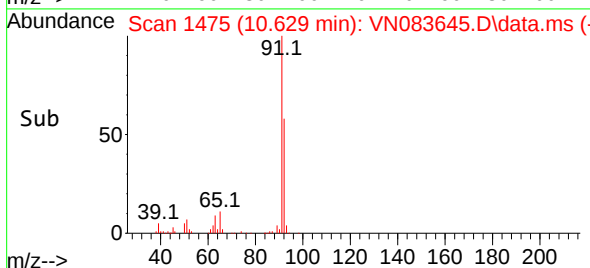
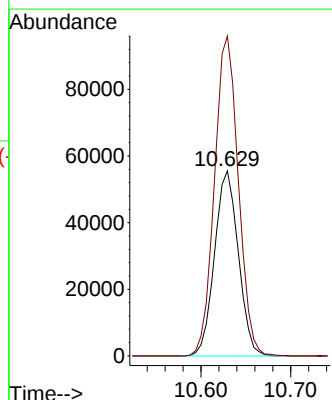
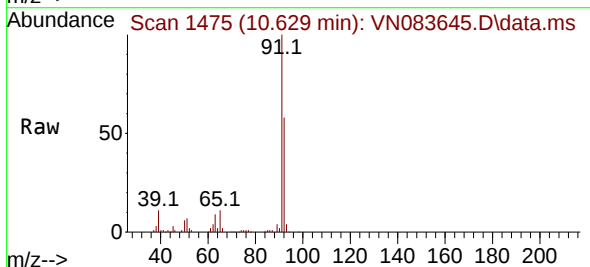
Manual Integrations
APPROVED

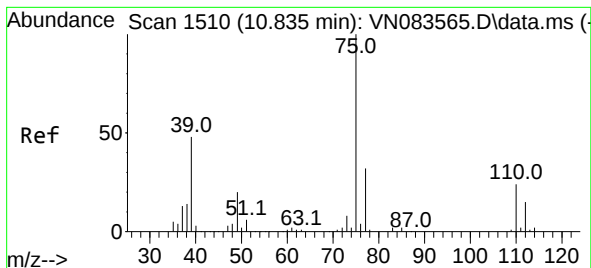
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#52
Toluene
Concen: 18.375 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

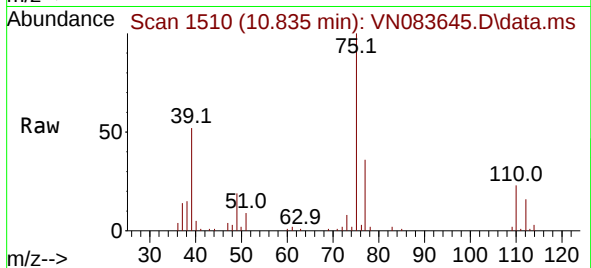
Tgt Ion: 92 Resp: 102164
Ion Ratio Lower Upper
92 100
91 173.4 134.7 202.1





#53
 t-1,3-Dichloropropene
 Concen: 18.052 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN083645.D
 Acq: 04 Sep 2024 13:30

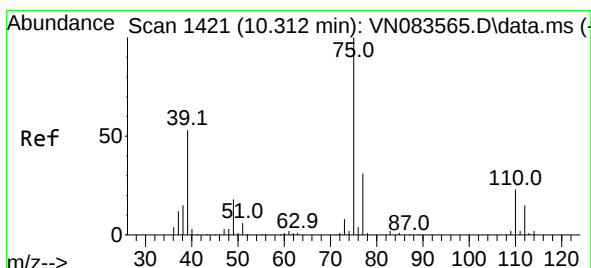
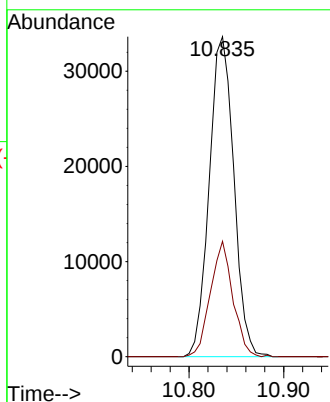
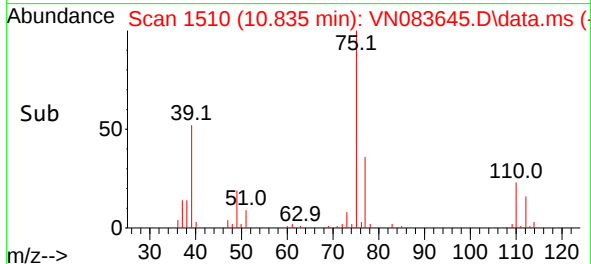
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01



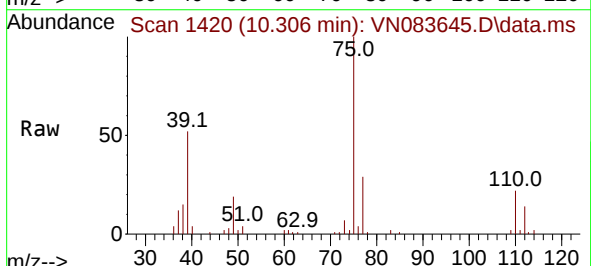
Tgt Ion: 75 Resp: 6078
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.8 38.6

Manual Integrations
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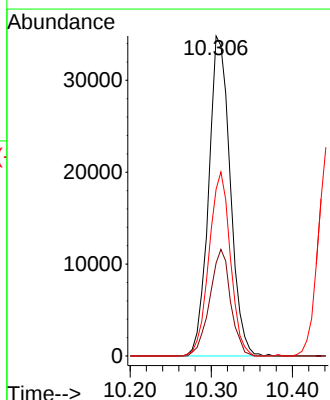
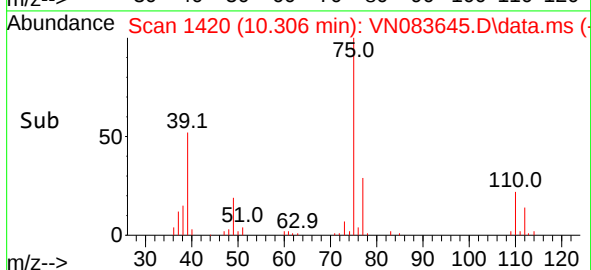
Reviewed By :John Carlone 09/05/2024
 Supervised By :Mahesh Dadoda 09/05/2024

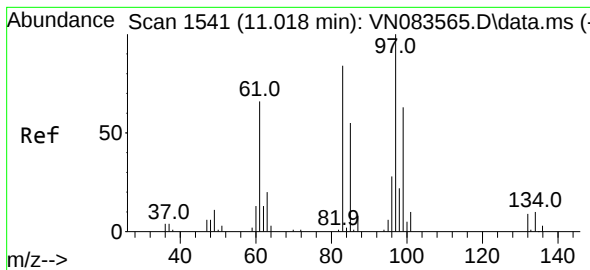


#54
 cis-1,3-Dichloropropene
 Concen: 18.172 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN083645.D
 Acq: 04 Sep 2024 13:30



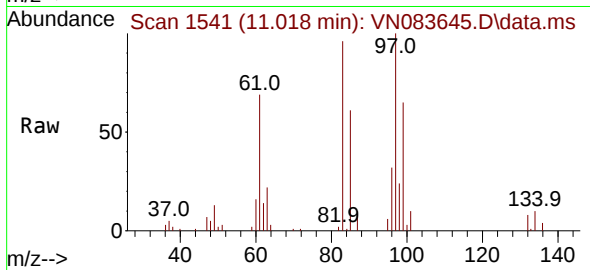
Tgt Ion: 75 Resp: 64219
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.0 37.6
 39 52.1 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 18.571 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

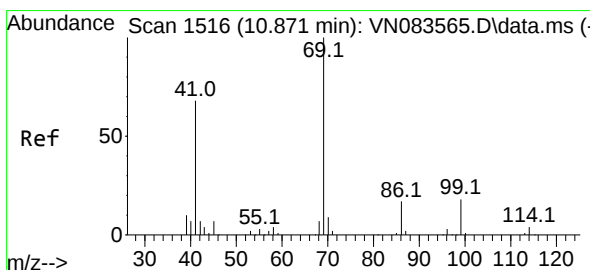
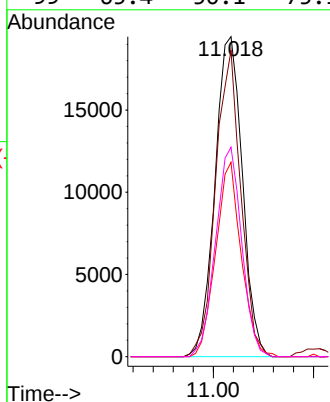
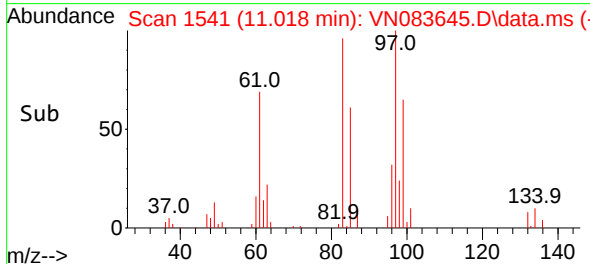


Tgt Ion: 97 Resp: 36854

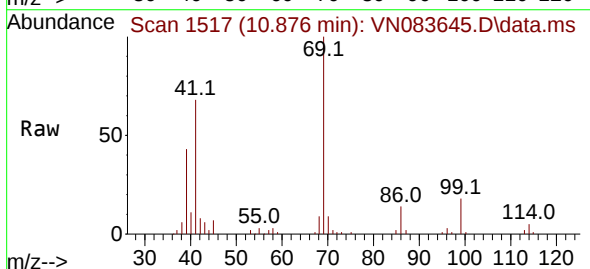
Ion	Ratio	Lower	Upper
97	100		
83	95.7	67.5	101.3
85	60.8	44.2	66.2
99	65.4	50.1	75.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024

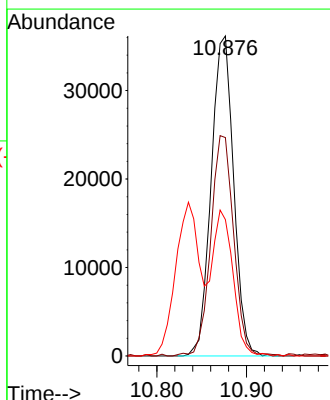
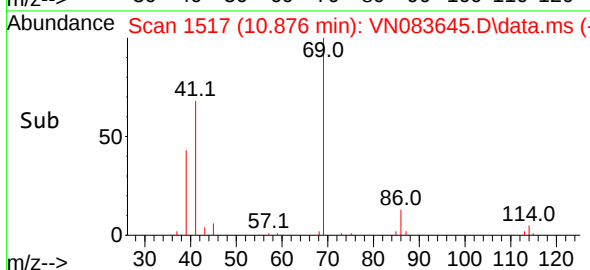


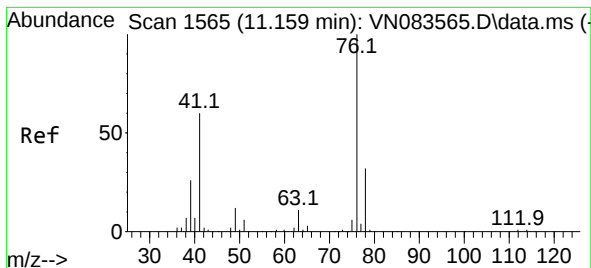
#56
Ethyl methacrylate
Concen: 19.134 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30



Tgt Ion: 69 Resp: 62817

Ion	Ratio	Lower	Upper
69	100		
41	70.5	53.9	80.9
39	42.7	32.6	48.8





#57

1,3-Dichloropropane

Concen: 18.762 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01

Tgt Ion: 76 Resp: 65919

Ion Ratio Lower Upper

76 100

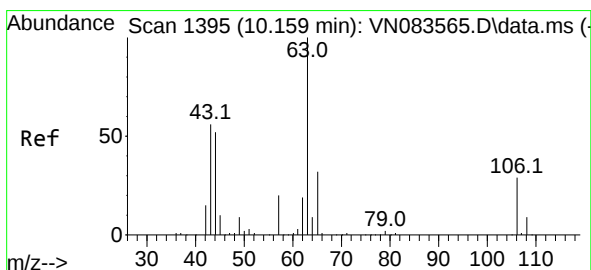
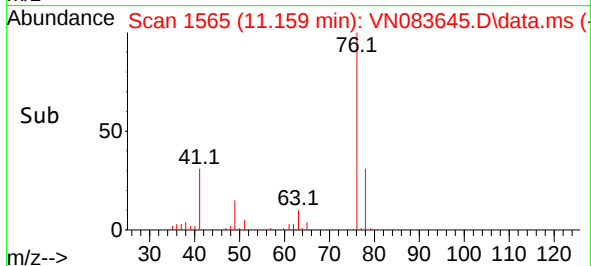
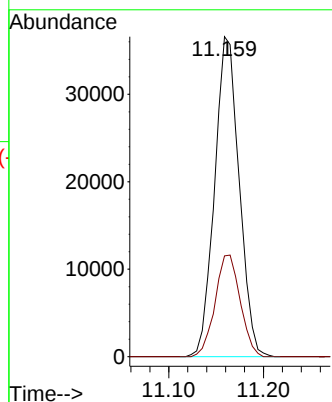
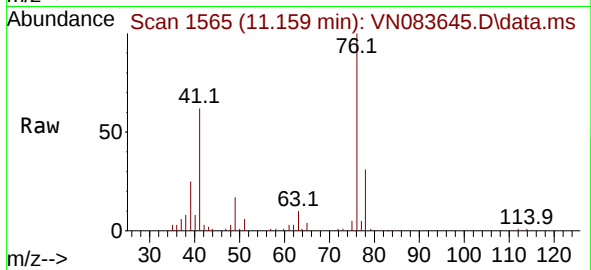
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/05/2024

Supervised By :Mahesh Dadoda 09/05/2024



#58

2-Chloroethyl Vinyl ether

Concen: 88.862 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083645.D

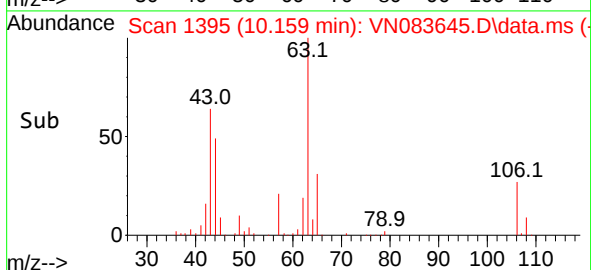
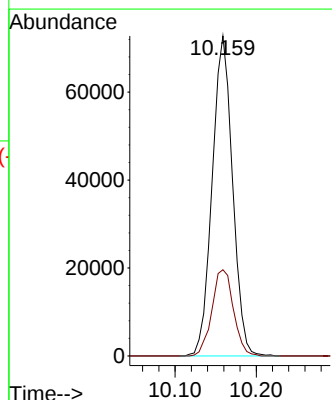
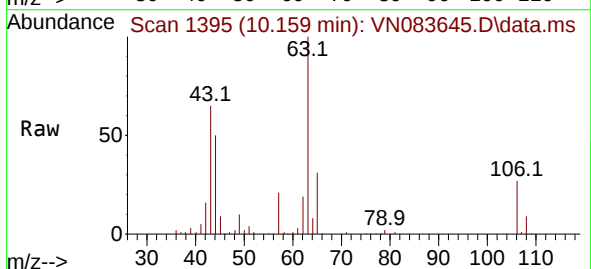
Acq: 04 Sep 2024 13:30

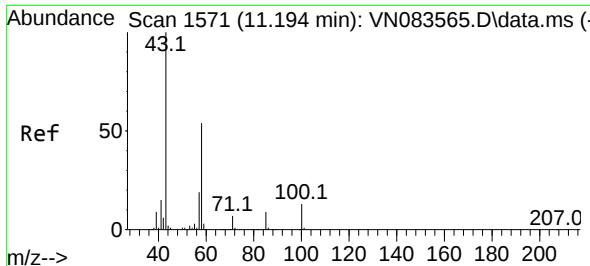
Tgt Ion: 63 Resp: 126764

Ion Ratio Lower Upper

63 100

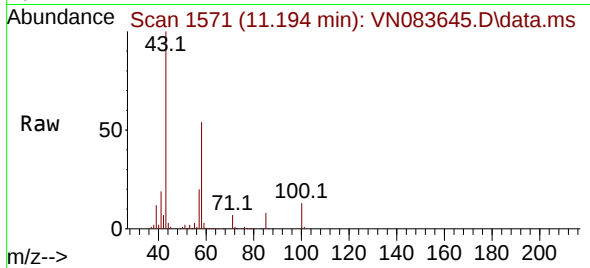
106 28.5 23.3 34.9





#59
2-Hexanone
Concen: 96.872 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

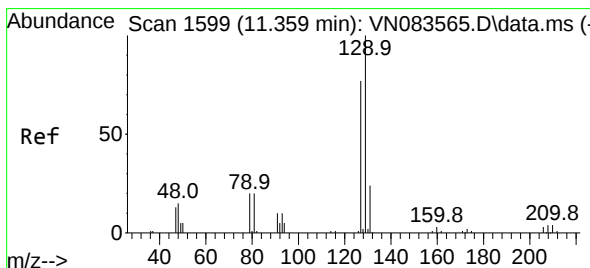
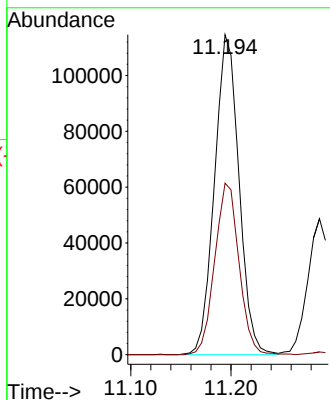
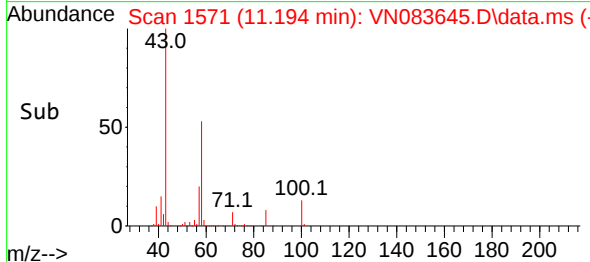
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion: 43 Resp: 194390
Ion Ratio Lower Upper
43 100
58 53.1 27.2 81.5

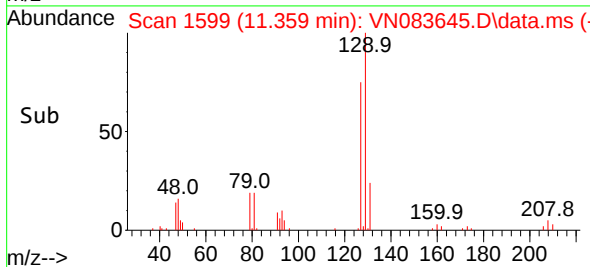
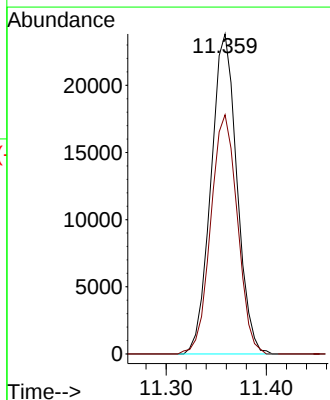
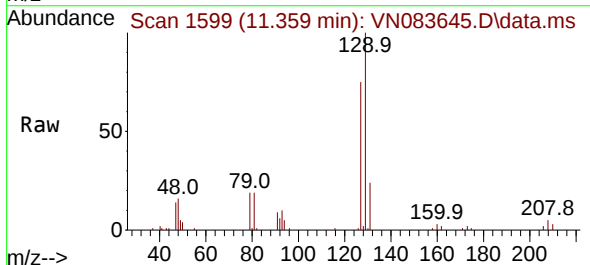
Manual Integrations
APPROVED

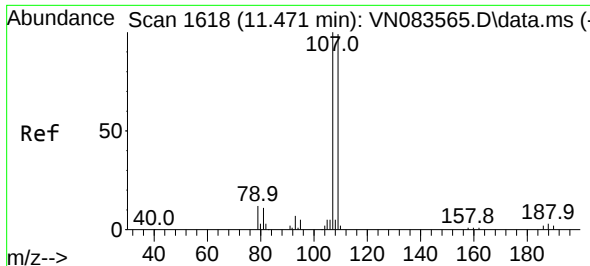
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#60
Dibromochloromethane
Concen: 18.597 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion:129 Resp: 42764
Ion Ratio Lower Upper
129 100
127 76.5 39.0 116.9





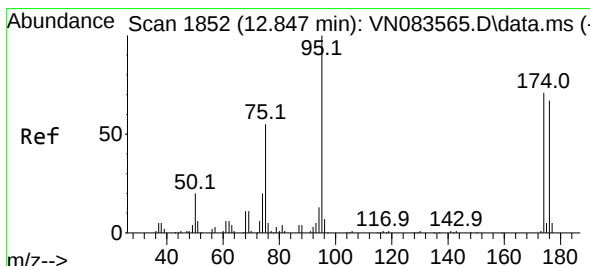
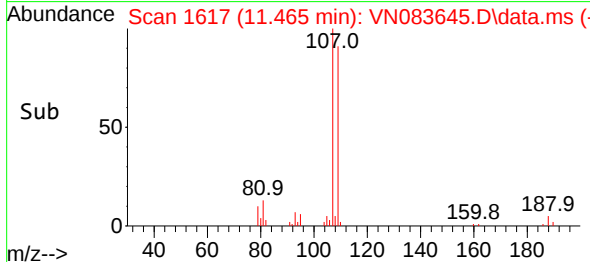
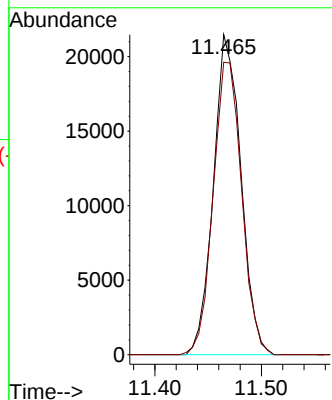
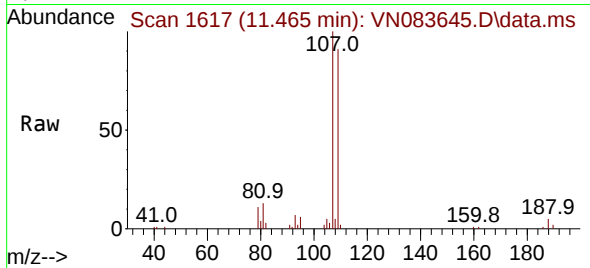
#61
1,2-Dibromoethane
Concen: 18.973 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion:107 Resp: 3846
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

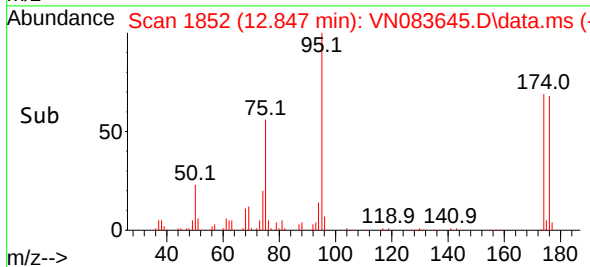
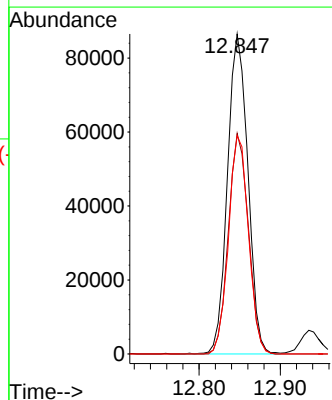
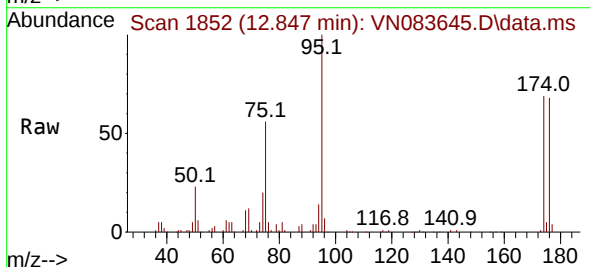
Manual Integrations
APPROVED

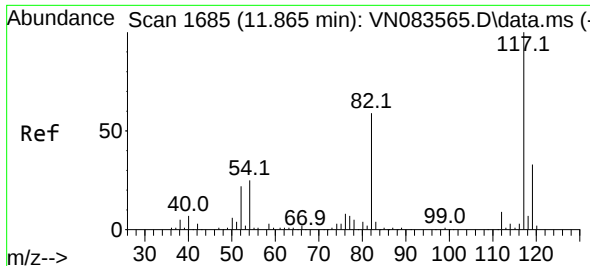
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#62
4-Bromofluorobenzene
Concen: 55.288 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

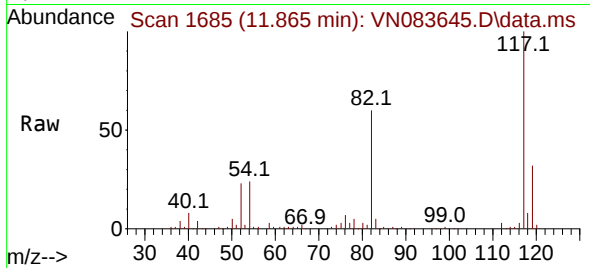
Tgt Ion: 95 Resp: 151115
Ion Ratio Lower Upper
95 100
174 67.7 0.0 139.8
176 66.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

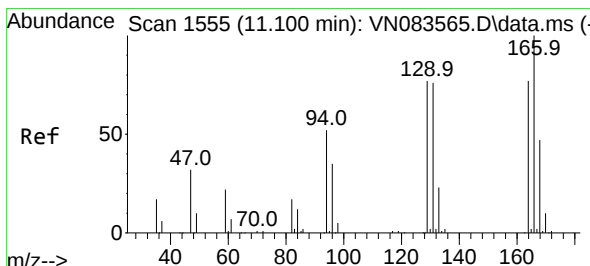
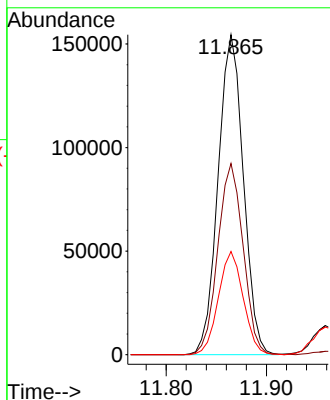
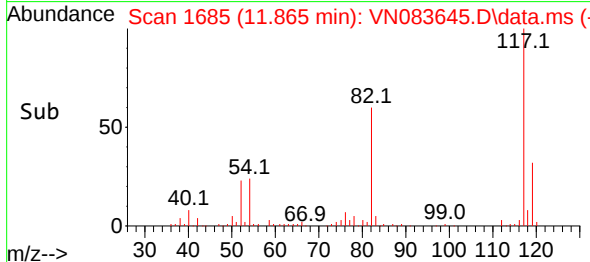
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



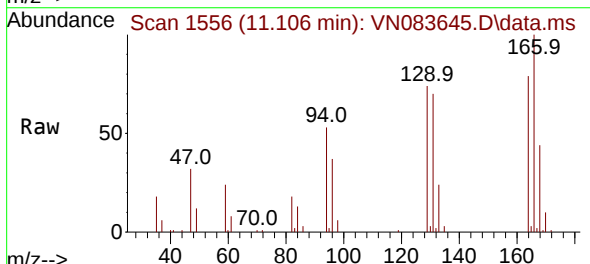
Tgt Ion:117 Resp: 27024
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.0
119 32.2 26.3 39.5

Manual Integrations
APPROVED

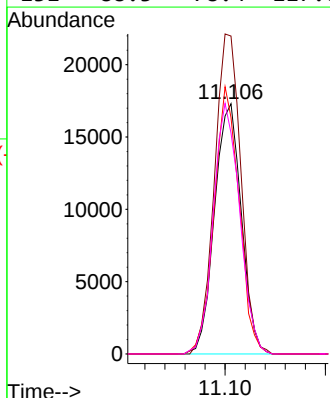
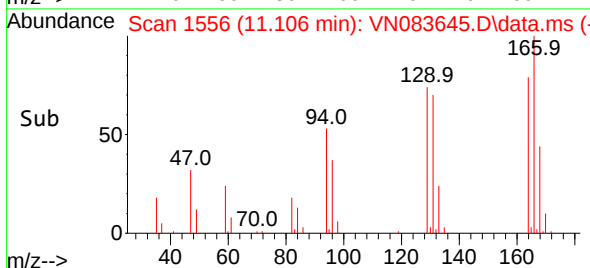
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024

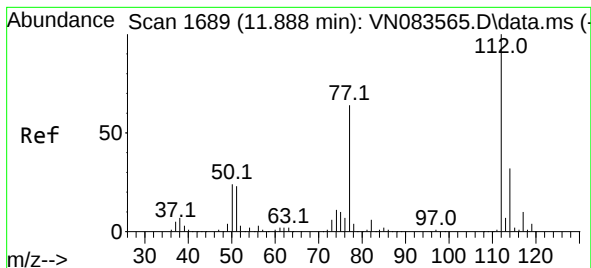


#64
Tetrachloroethene
Concen: 18.041 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30



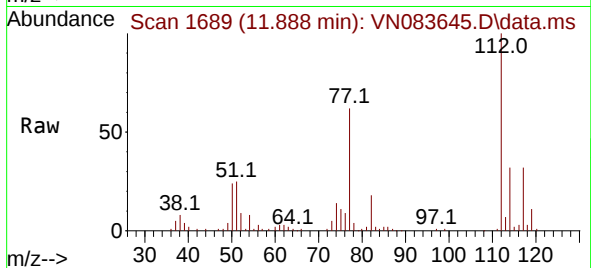
Tgt Ion:164 Resp: 32046
Ion Ratio Lower Upper
164 100
166 127.0 103.7 155.5
129 94.5 79.9 119.9
131 88.3 78.4 117.6





#65
Chlorobenzene
Concen: 17.891 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

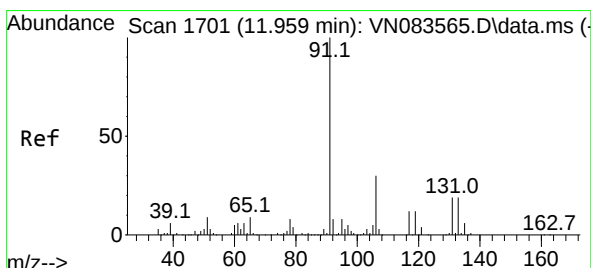
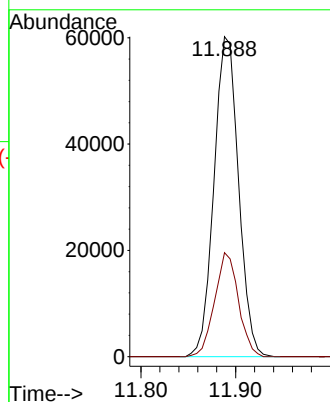
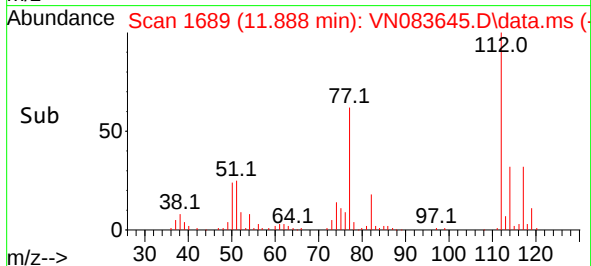
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion:112 Resp: 108428
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

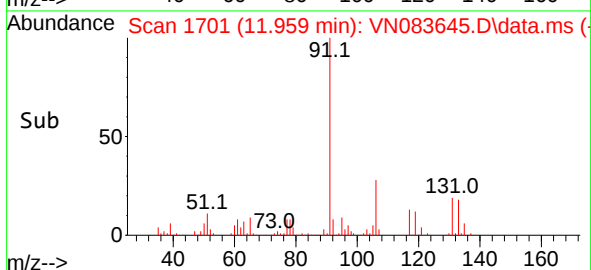
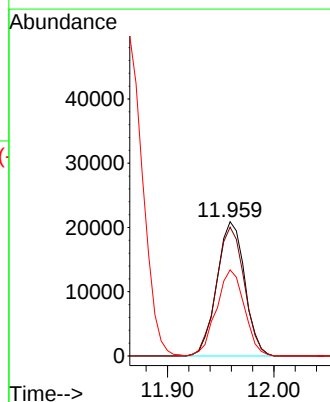
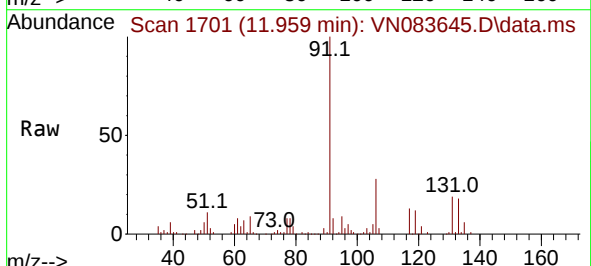
Manual Integrations
APPROVED

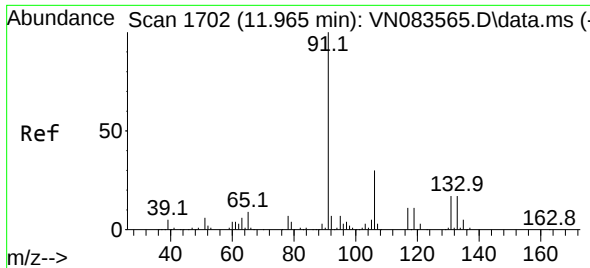
Reviewed By :John Carbone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.545 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

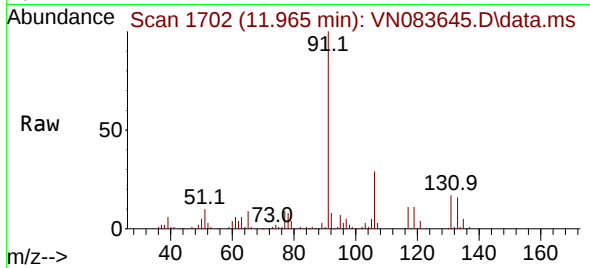
Tgt Ion:131 Resp: 37948
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 64.6 31.6 94.8





#67
Ethyl Benzene
Concen: 18.345 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

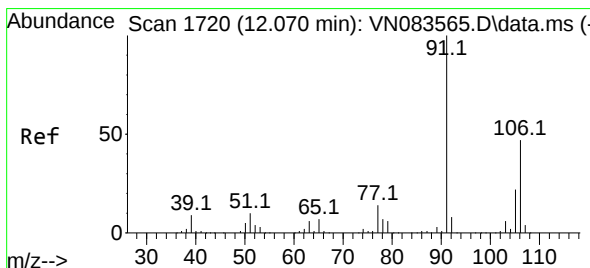
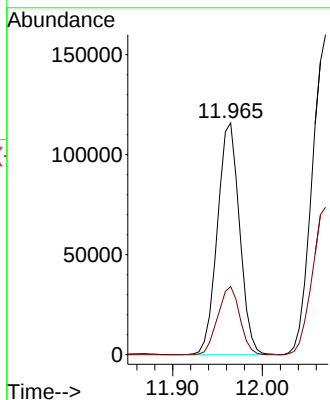
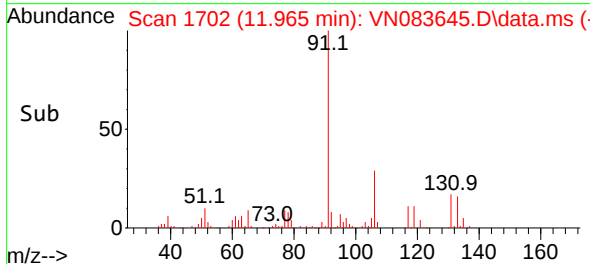
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion: 91 Resp: 198462
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5

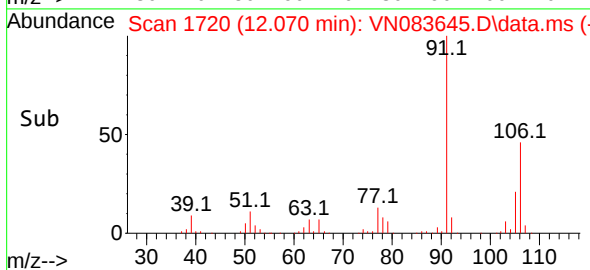
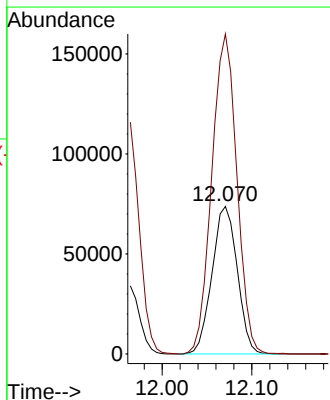
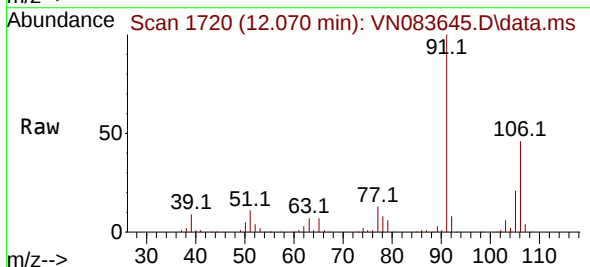
Manual Integrations
APPROVED

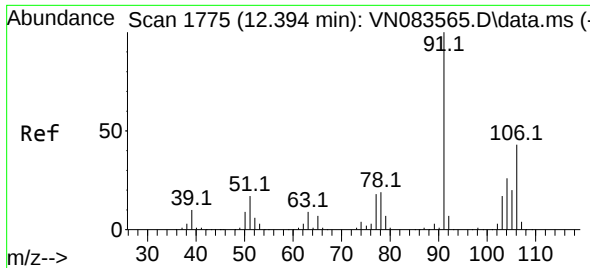
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#68
m/p-Xylenes
Concen: 35.329 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion:106 Resp: 143981
Ion Ratio Lower Upper
106 100
91 215.8 169.2 253.8





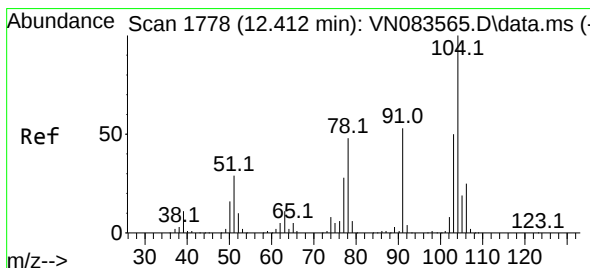
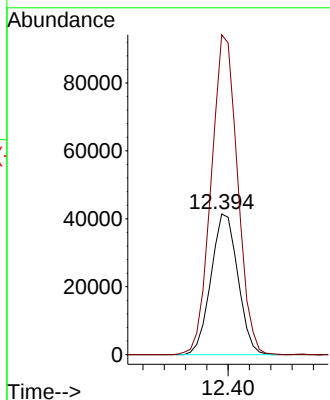
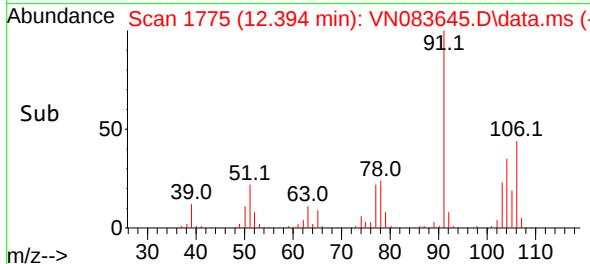
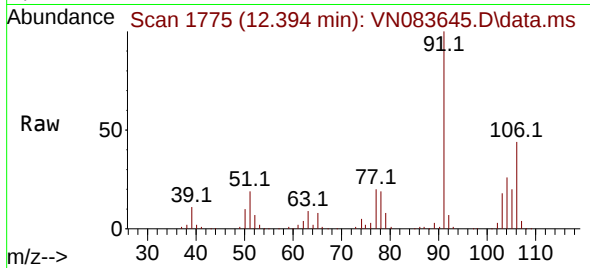
#69
o-Xylene
Concen: 18.425 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion:106 Resp: 72570
Ion Ratio Lower Upper
106 100
91 223.2 112.9 338.6

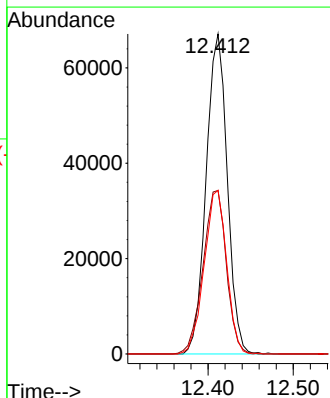
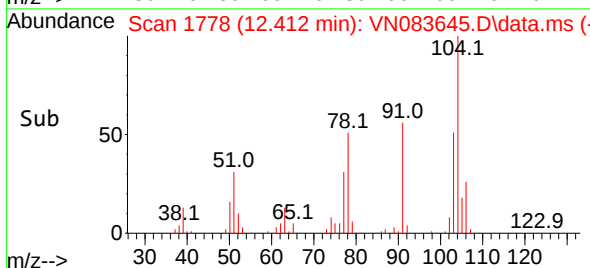
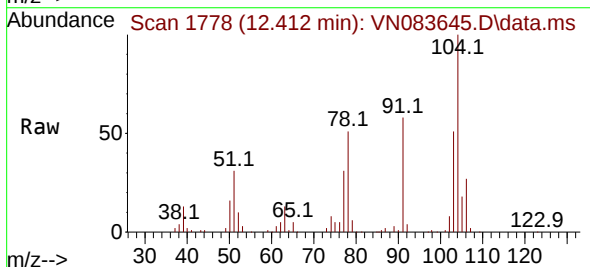
Manual Integrations
APPROVED

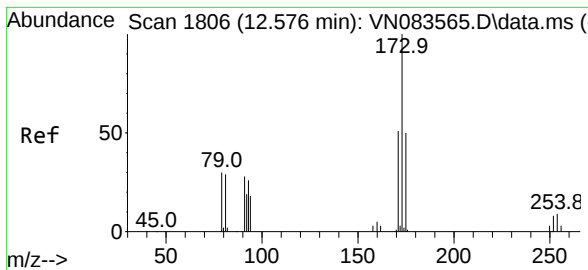
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#70
Styrene
Concen: 17.458 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

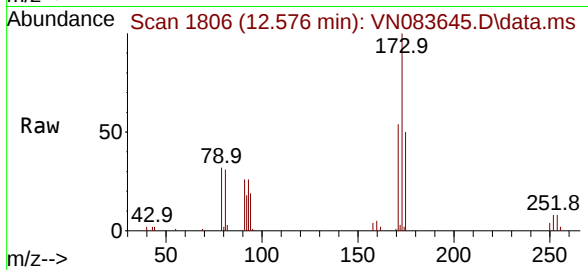
Tgt Ion:104 Resp: 115626
Ion Ratio Lower Upper
104 100
78 56.4 43.3 64.9
103 54.3 43.4 65.2





#71
Bromoform
Concen: 18.553 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

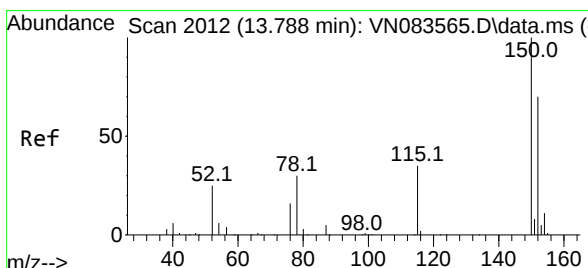
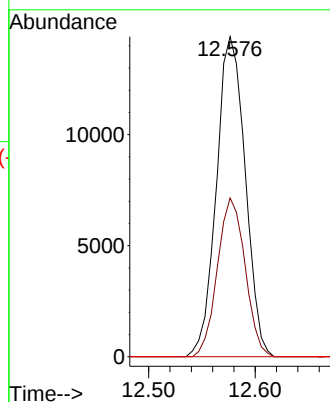
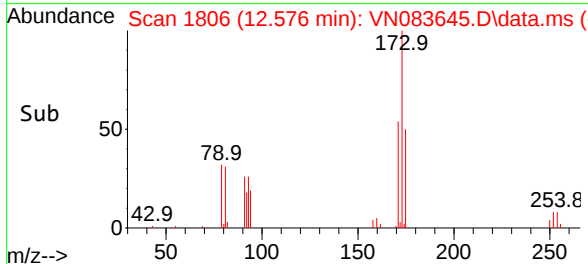
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



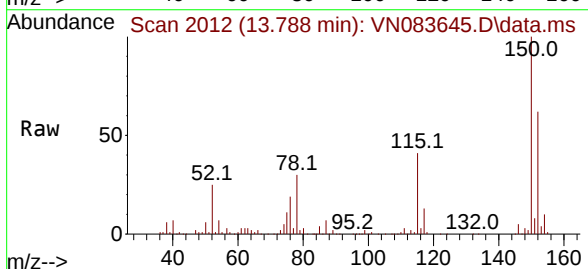
Tgt Ion:173 Resp: 27040
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

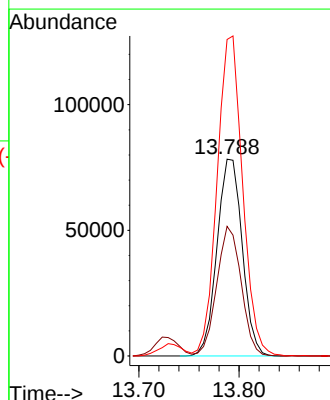
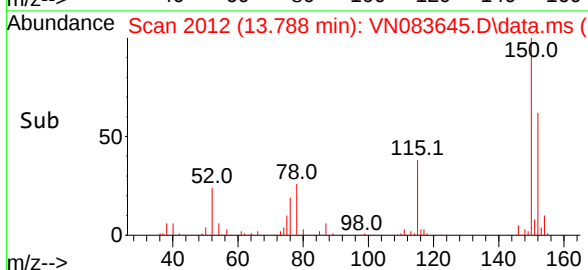
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024

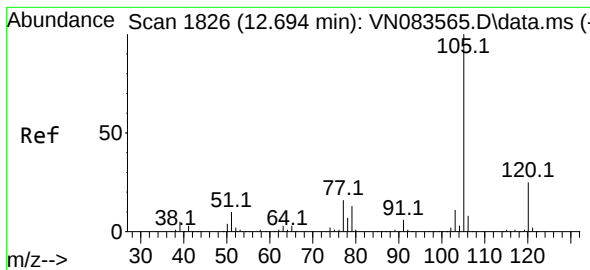


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30



Tgt Ion:152 Resp: 136823
Ion Ratio Lower Upper
152 100
115 63.8 32.2 96.6
150 164.3 0.0 348.6





#73

Isopropylbenzene

Concen: 16.956 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01

Tgt Ion:105 Resp: 18777

Ion Ratio Lower Upper

105 100

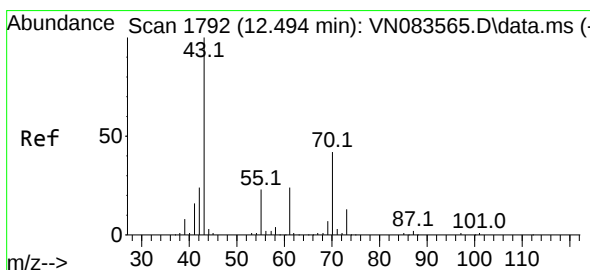
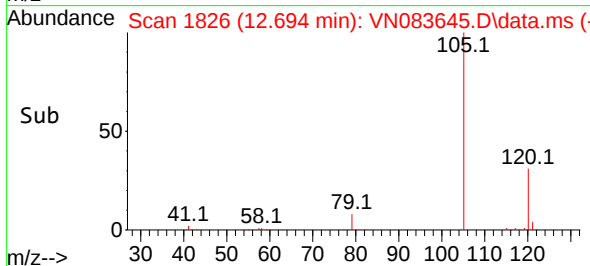
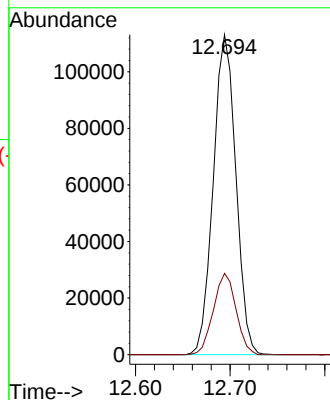
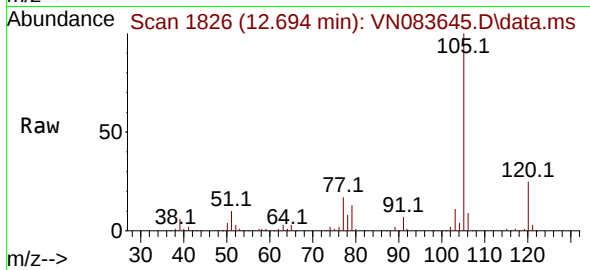
120 25.5 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/05/2024

Supervised By :Mahesh Dadoda 09/05/2024



#74

N-ethyl acetate

Concen: 17.881 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Tgt Ion: 43 Resp: 85948

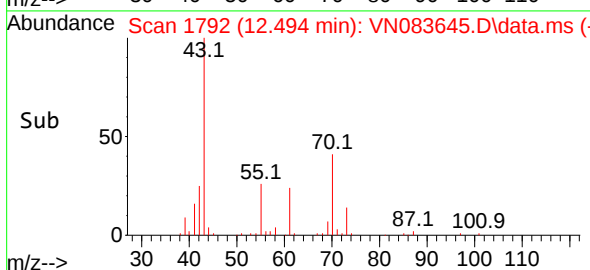
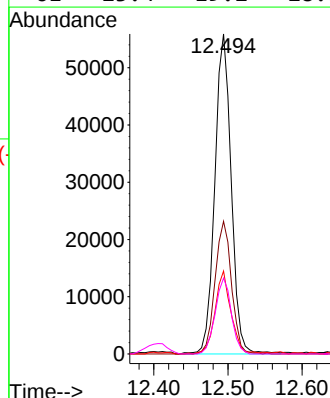
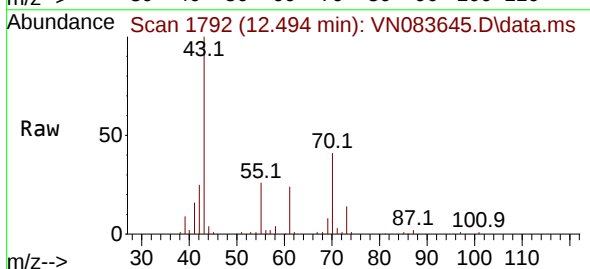
Ion Ratio Lower Upper

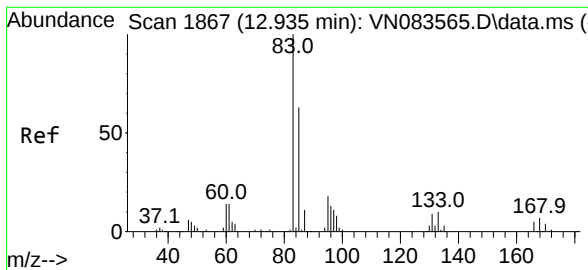
43 100

70 41.6 34.5 51.7

55 25.5 18.6 28.0

61 23.4 19.2 28.8





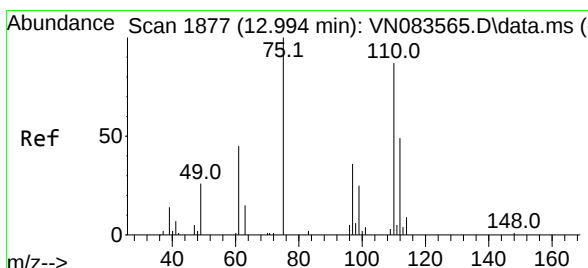
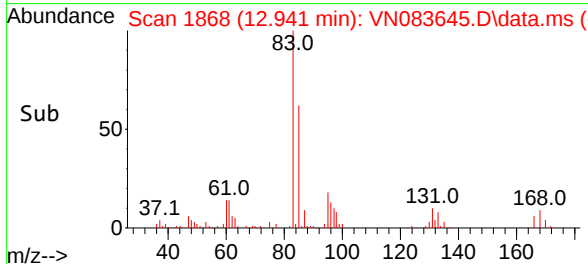
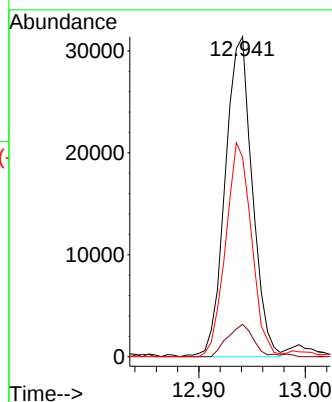
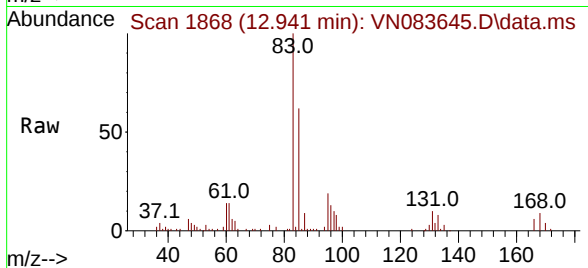
#75
1,1,2,2-Tetrachloroethane
Concen: 17.604 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion: 83 Resp: 5534
Ion Ratio Lower Upper
83 100
131 10.0 5.2 15.6
85 63.8 31.9 95.9

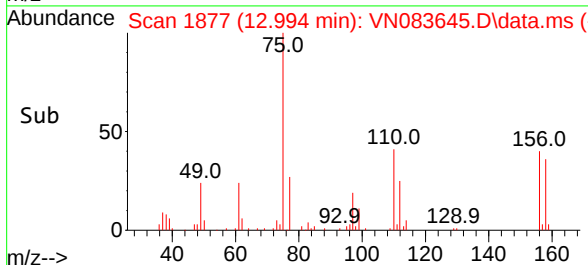
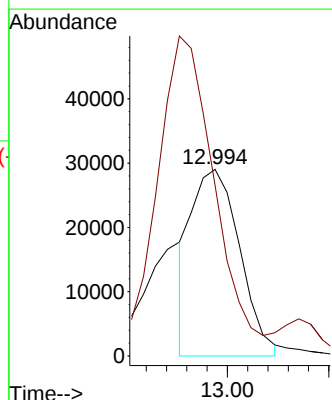
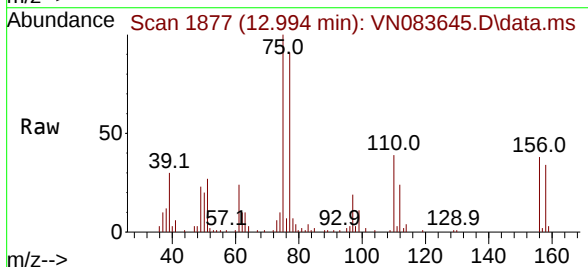
Manual Integrations
APPROVED

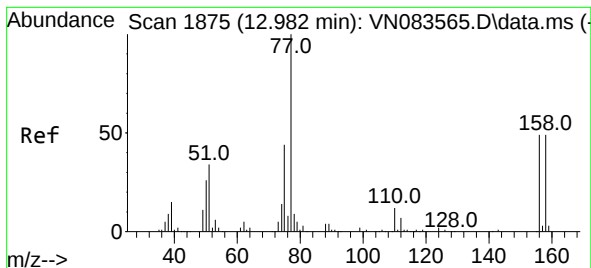
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#76
1,2,3-Trichloropropane
Concen: 17.326 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion: 75 Resp: 47863
Ion Ratio Lower Upper
75 100
77 204.9 95.2 285.6





#77

Bromobenzene

Concen: 16.282 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083645.D

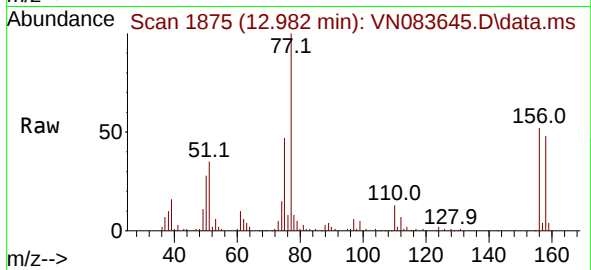
Acq: 04 Sep 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01



Tgt Ion:156 Resp: 42302

Ion Ratio Lower Upper

156 100

77 231.8 114.3 343.1

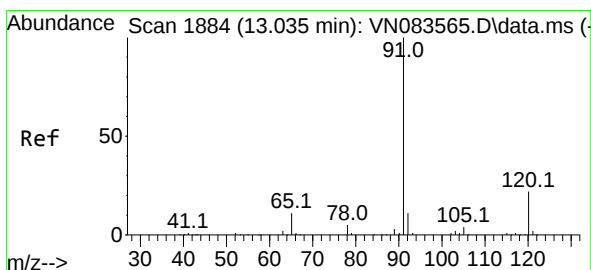
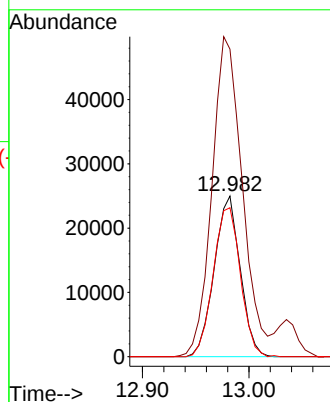
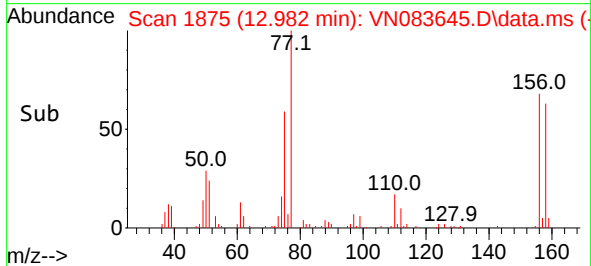
158 97.1 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/05/2024

Supervised By :Mahesh Dadoda 09/05/2024



#78

n-propylbenzene

Concen: 16.527 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN083645.D

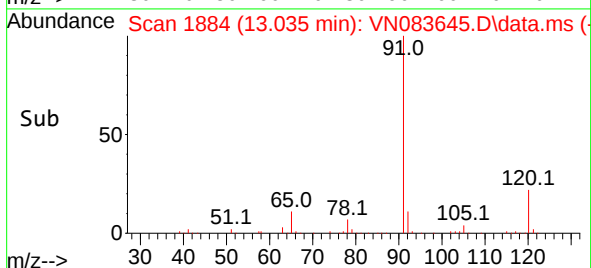
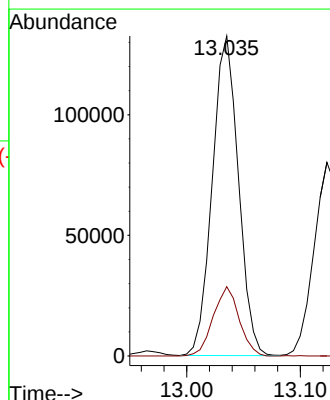
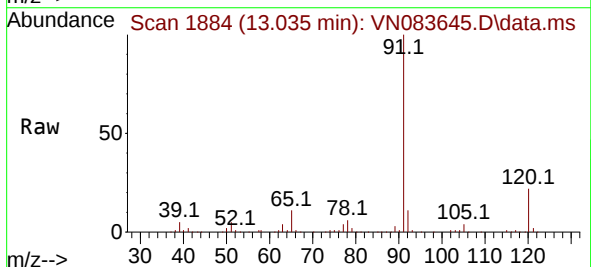
Acq: 04 Sep 2024 13:30

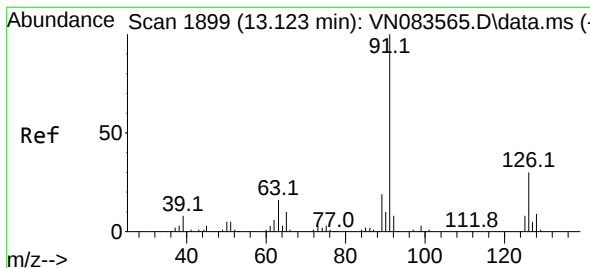
Tgt Ion: 91 Resp: 211608

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0





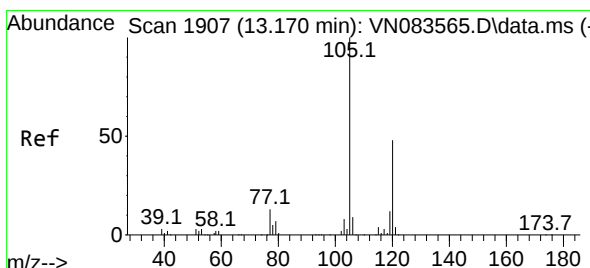
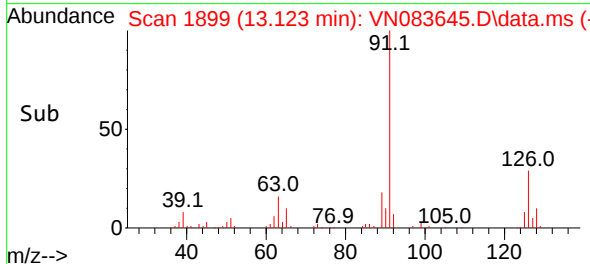
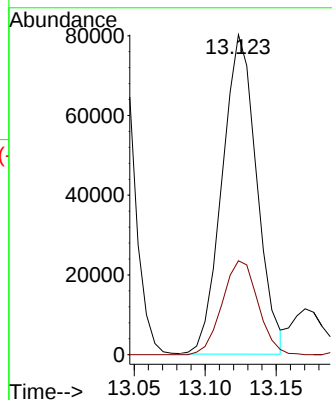
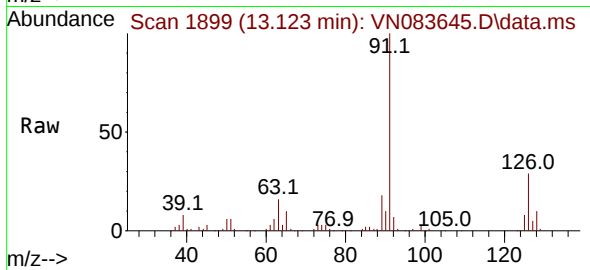
#79
2-Chlorotoluene
Concen: 16.385 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion: 91 Resp: 13594
Ion Ratio Lower Upper
91 100
126 30.3 15.4 46.2

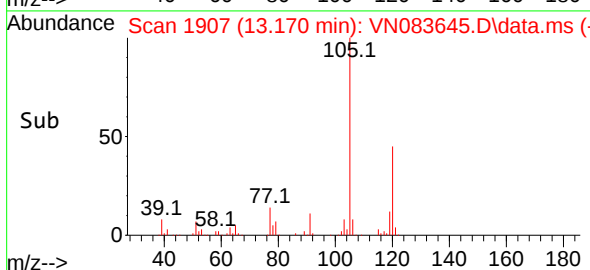
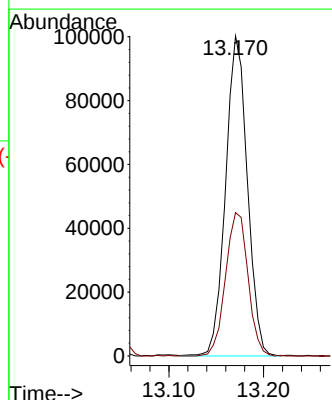
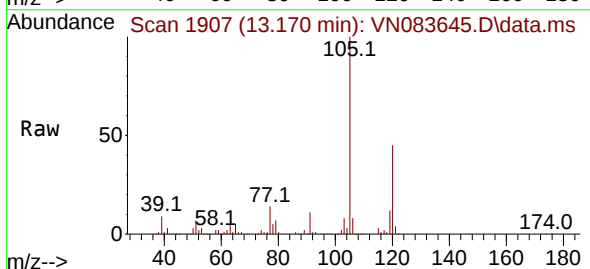
Manual Integrations
APPROVED

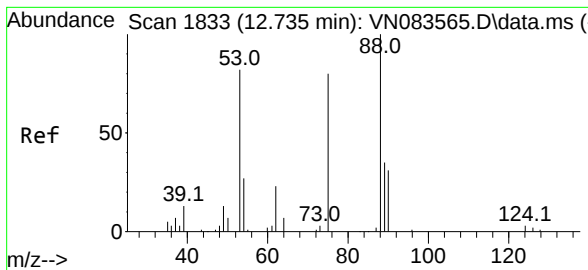
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.140 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion:105 Resp: 159902
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.3





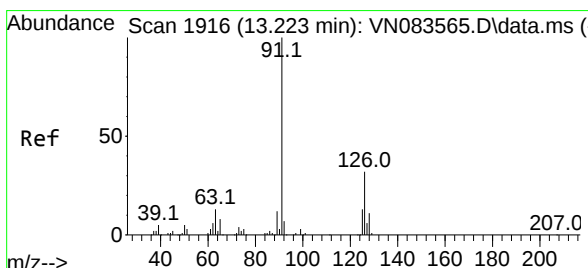
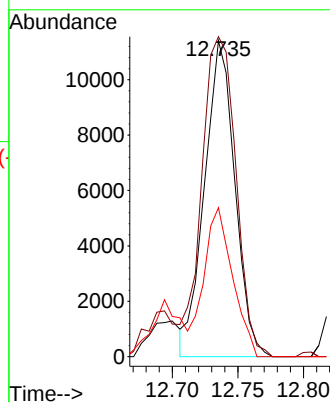
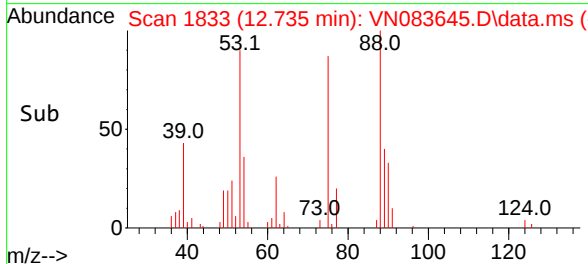
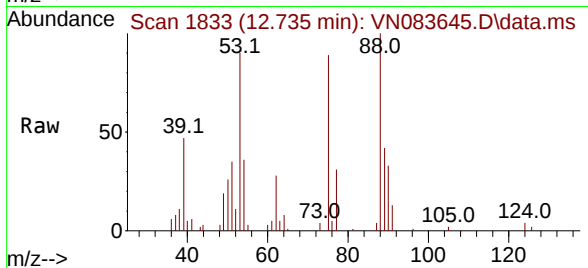
#81
trans-1,4-Dichloro-2-butene
Concen: 15.667 ug/l
RT: 12.735 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion: 75 Resp: 18350
Ion Ratio Lower Upper
75 100
53 113.8 81.2 121.8
89 44.7 35.7 53.5

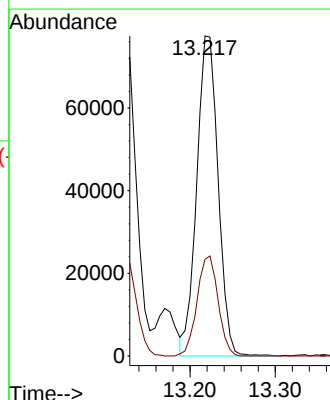
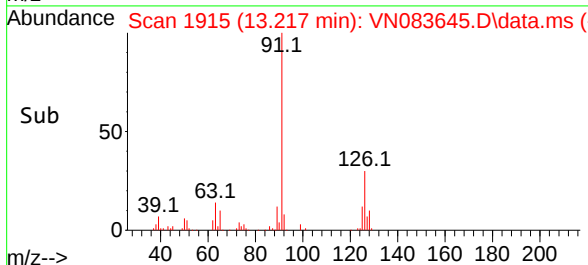
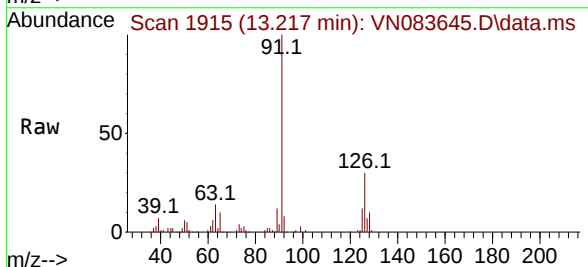
Manual Integrations
APPROVED

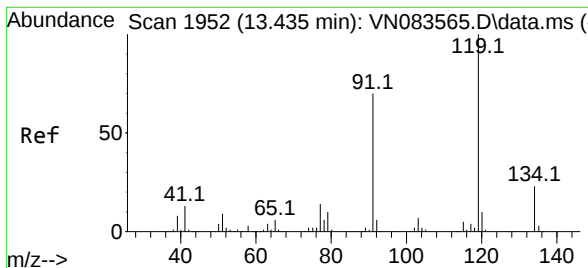
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#82
4-Chlorotoluene
Concen: 15.987 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

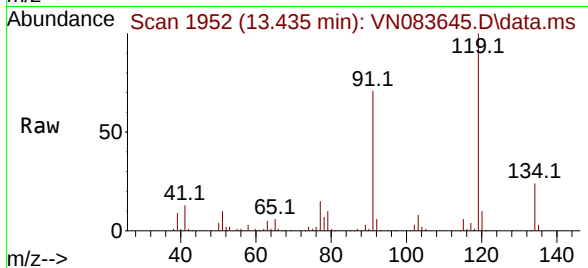
Tgt Ion: 91 Resp: 134745
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.2





#83
tert-Butylbenzene
Concen: 17.139 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

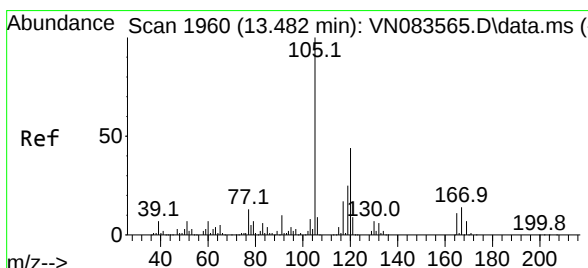
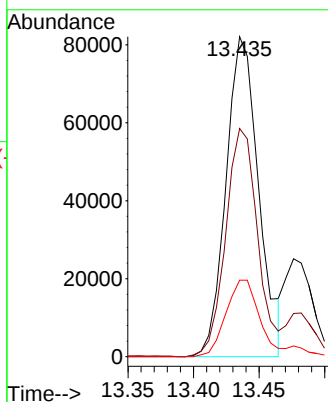
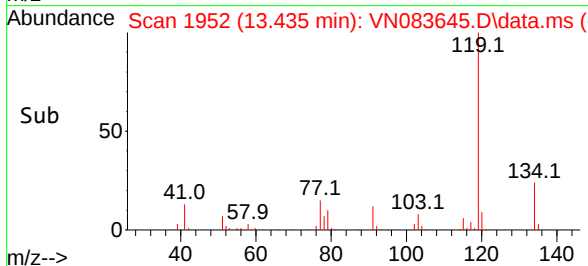
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



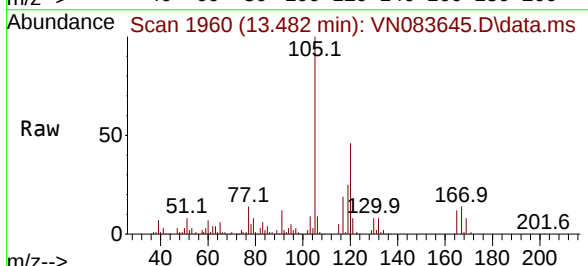
Tgt Ion:119 Resp: 142152
Ion Ratio Lower Upper
119 100
91 69.8 34.5 103.6
134 24.7 12.8 38.4

Manual Integrations
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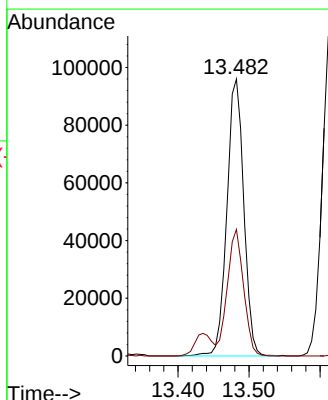
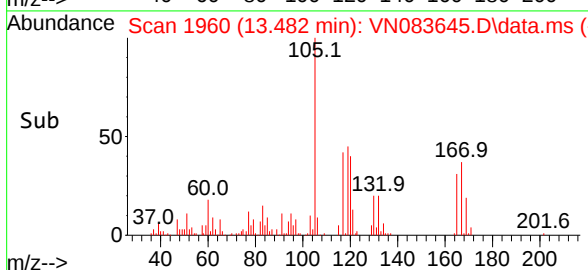
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024

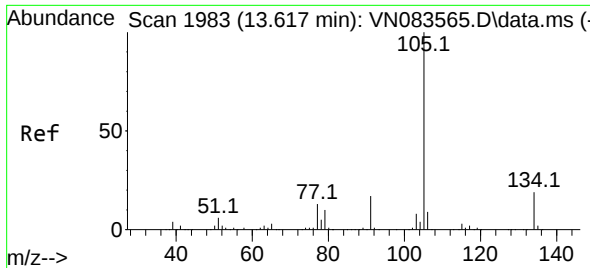


#84
1,2,4-Trimethylbenzene
Concen: 16.871 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30



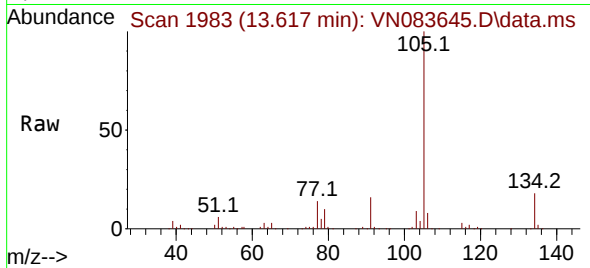
Tgt Ion:105 Resp: 158427
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 17.063 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083645.D
 Acq: 04 Sep 2024 13:30

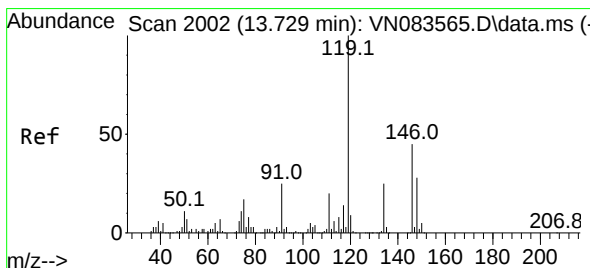
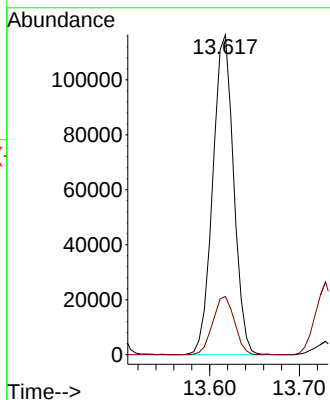
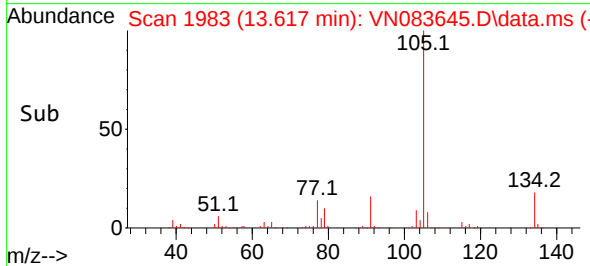
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD01



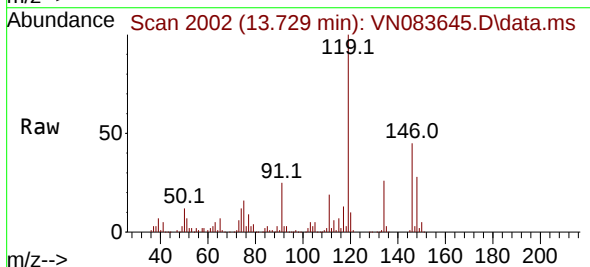
Tgt Ion:105 Resp: 18810
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1

Manual Integrations
 APPROVED

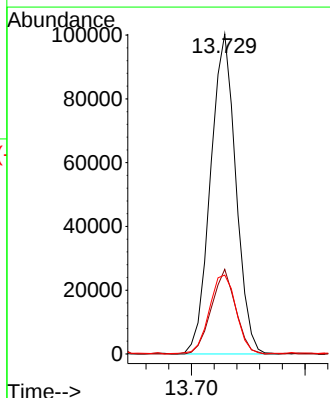
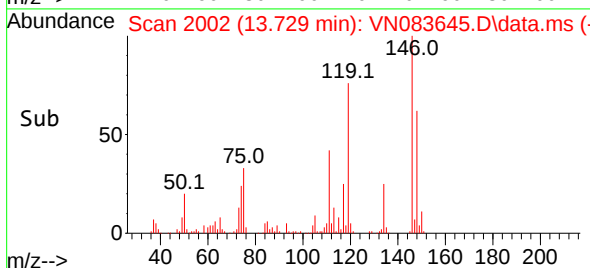
Reviewed By :John Carlone 09/05/2024
 Supervised By :Mahesh Dadoda 09/05/2024

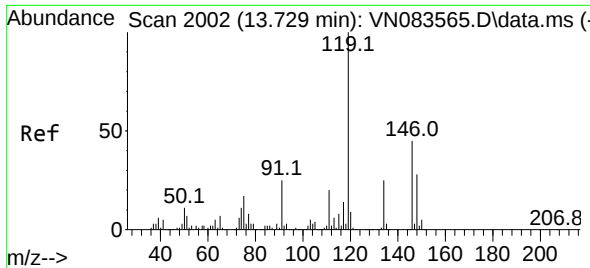


#86
 p-Isopropyltoluene
 Concen: 16.859 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083645.D
 Acq: 04 Sep 2024 13:30



Tgt Ion:119 Resp: 155232
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 26.2 12.9 38.7





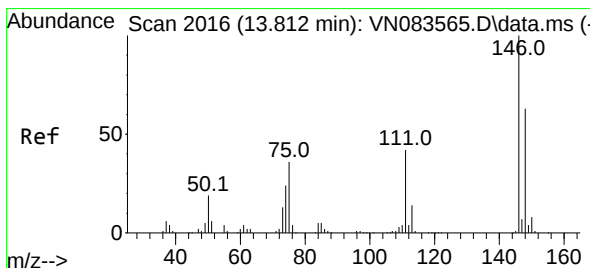
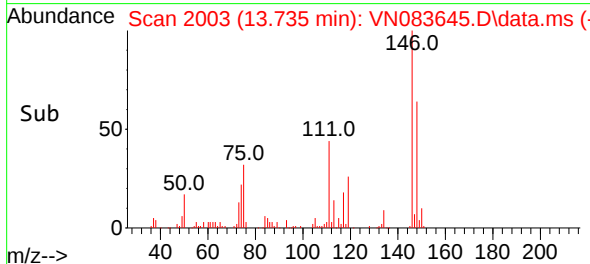
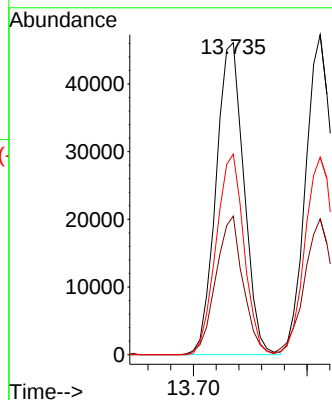
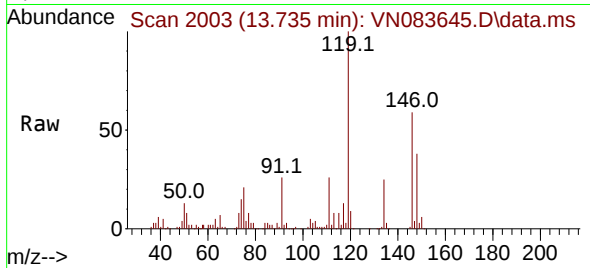
#87
1,3-Dichlorobenzene
Concen: 15.593 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion:146 Resp: 7864
Ion Ratio Lower Upper
146 100
111 43.5 21.7 65.1
148 64.1 31.7 95.1

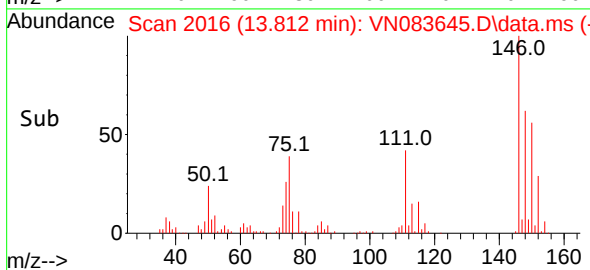
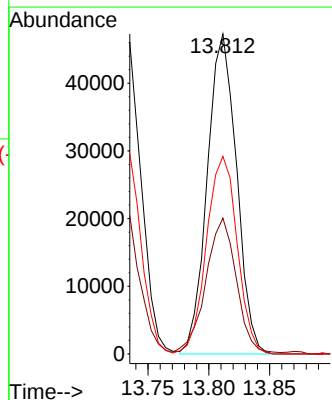
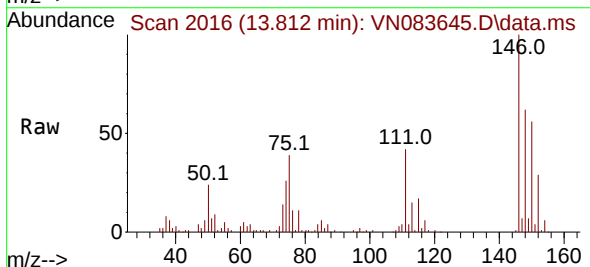
Manual Integrations
APPROVED

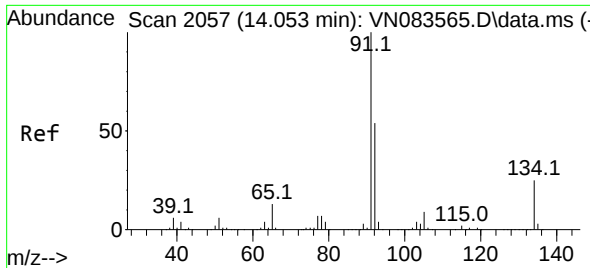
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#88
1,4-Dichlorobenzene
Concen: 15.259 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

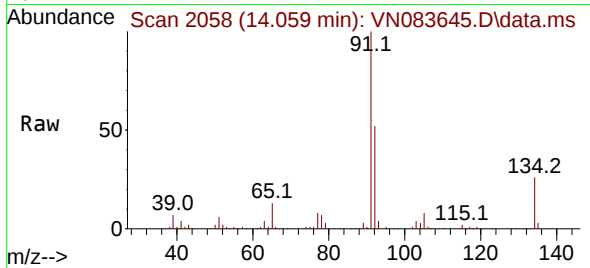
Tgt Ion:146 Resp: 79075
Ion Ratio Lower Upper
146 100
111 43.4 21.3 64.0
148 64.8 32.0 96.2





#89
n-Butylbenzene
Concen: 16.125 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

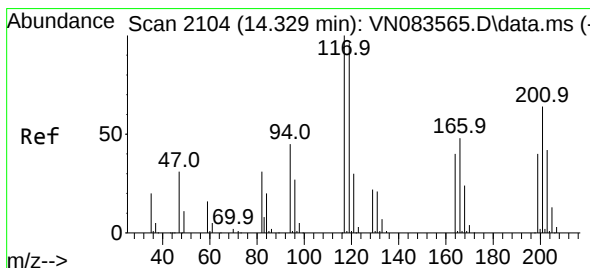
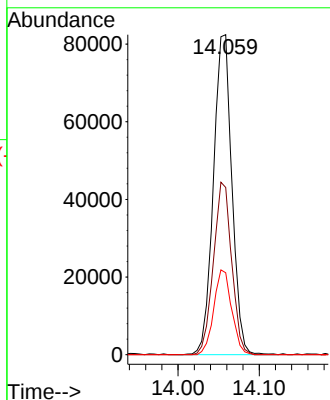
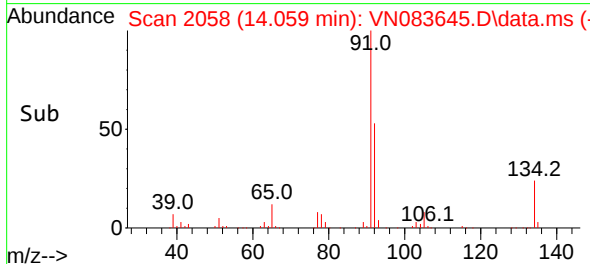
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion: 91 Resp: 130600
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.1
134 25.6 12.2 36.4

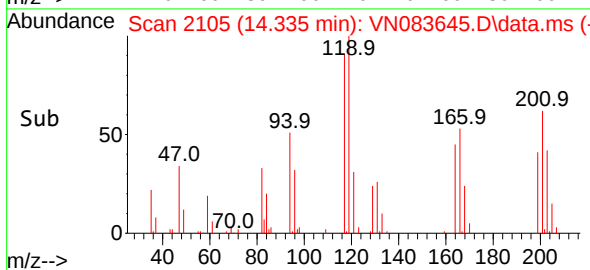
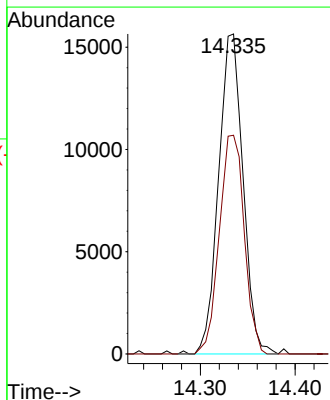
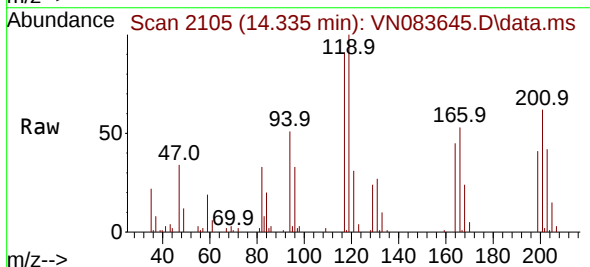
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#90
Hexachloroethane
Concen: 15.671 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion:117 Resp: 28086
Ion Ratio Lower Upper
117 100
201 69.6 32.8 98.3





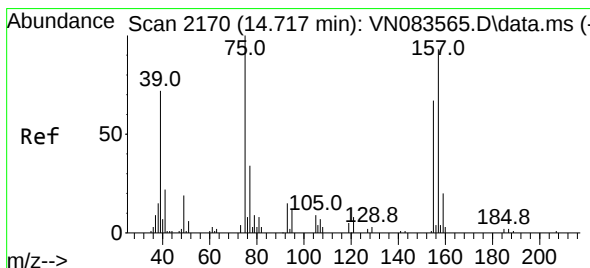
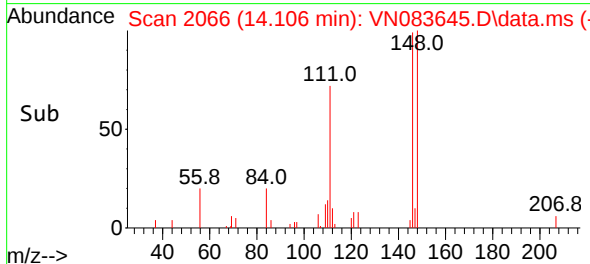
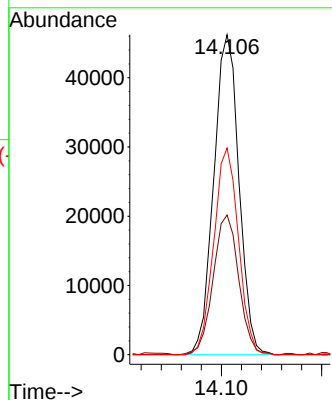
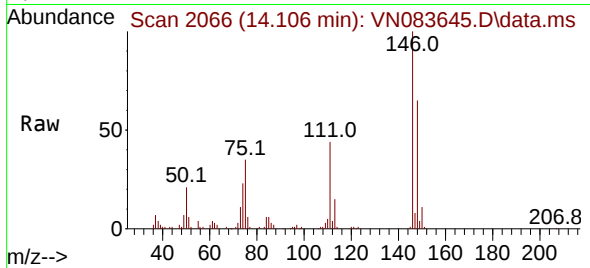
#91
1,2-Dichlorobenzene
Concen: 16.532 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01

Tgt Ion:146 Resp: 8029
Ion Ratio Lower Upper
146 100
111 44.5 22.8 68.3
148 63.3 32.1 96.5

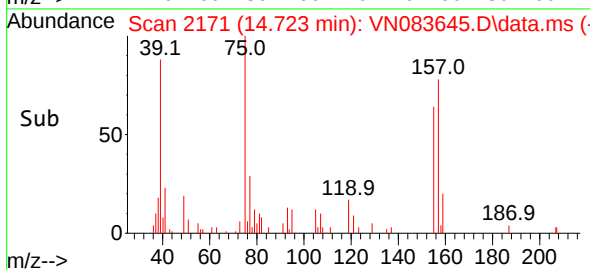
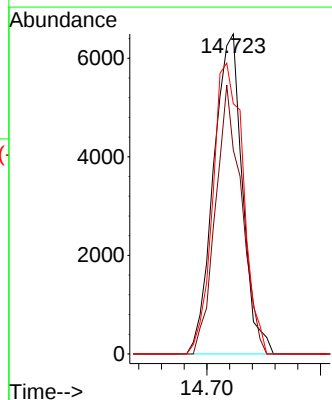
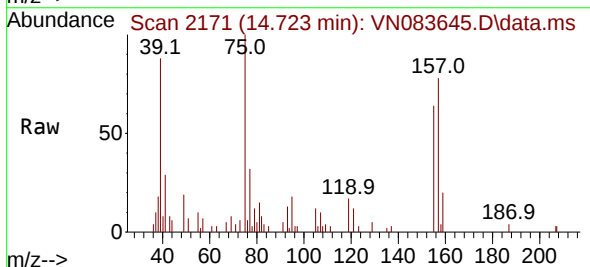
Manual Integrations
APPROVED

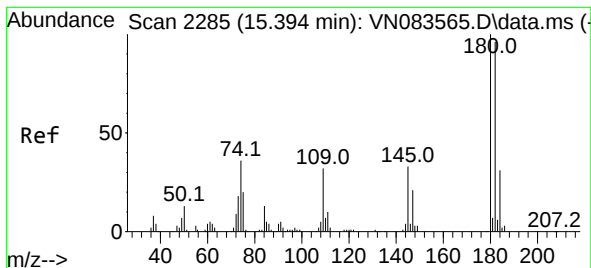
Reviewed By :John Carlone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.789 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion: 75 Resp: 11447
Ion Ratio Lower Upper
75 100
155 75.6 35.9 107.7
157 95.7 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 14.451 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD01

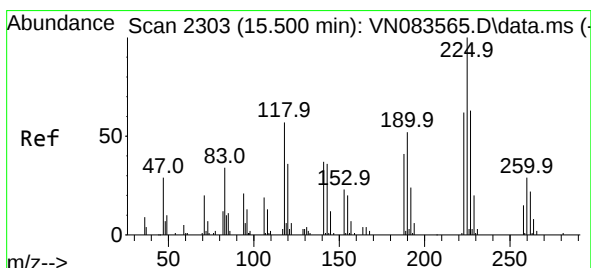
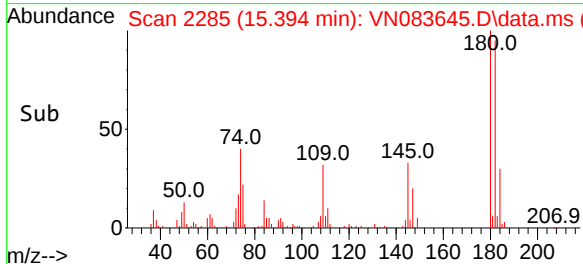
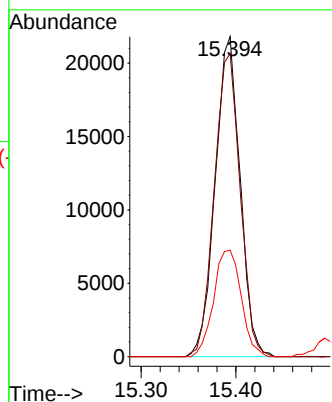
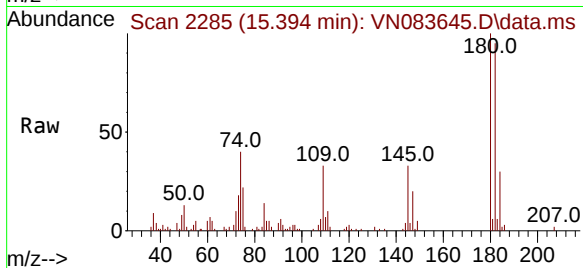
Tgt Ion:180	Resp:	39800
Ion Ratio	Lower	Upper
180	100	
182	98.2	48.1 144.3
145	36.9	16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/05/2024

Supervised By :Mahesh Dadoda 09/05/2024



#94

Hexachlorobutadiene

Concen: 16.055 ug/l

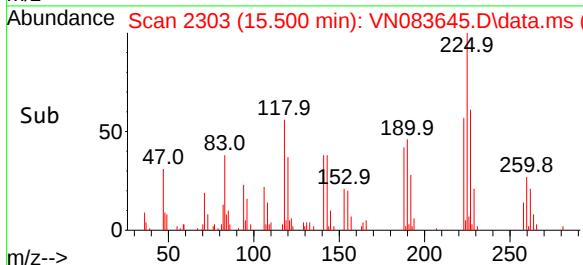
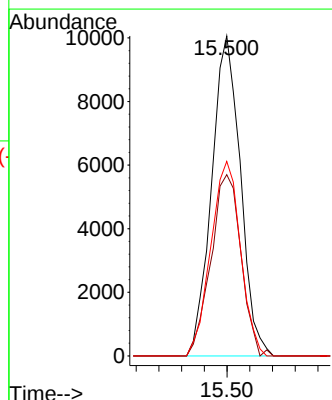
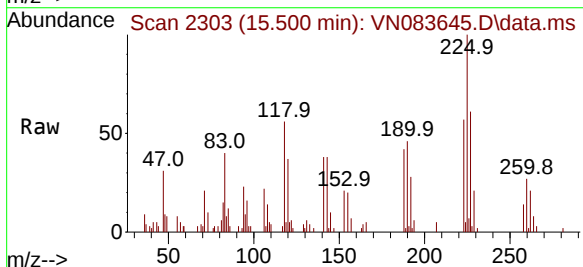
RT: 15.500 min Scan# 2303

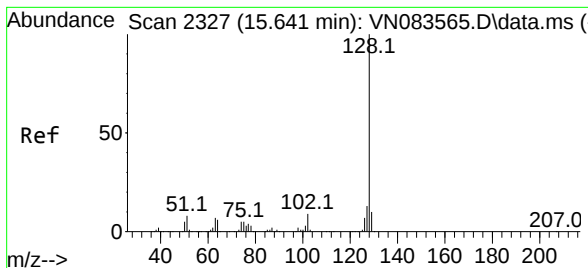
Delta R.T. 0.000 min

Lab File: VN083645.D

Acq: 04 Sep 2024 13:30

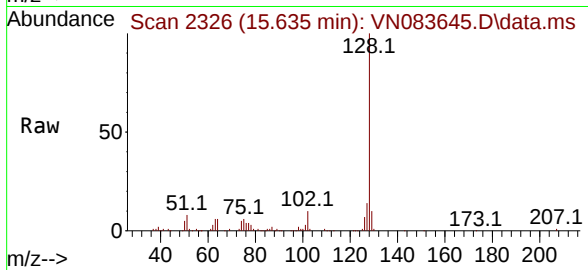
Tgt Ion:225	Resp:	17708
Ion Ratio	Lower	Upper
225	100	
223	59.0	31.9 95.5
227	62.6	32.0 96.2





#95
Naphthalene
Concen: 15.866 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

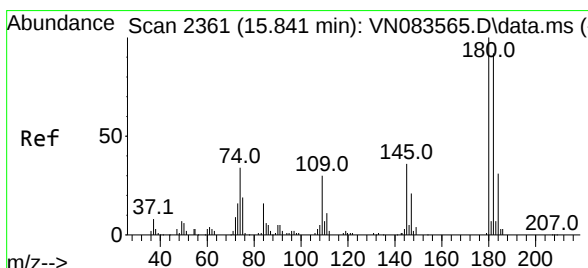
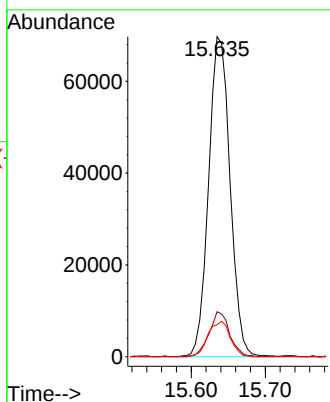
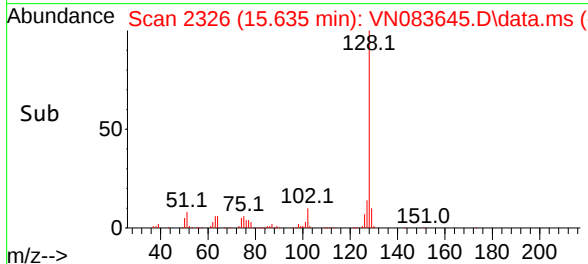
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD01



Tgt Ion:128 Resp: 14039
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carbone 09/05/2024
Supervised By :Mahesh Dadoda 09/05/2024



#96
1,2,3-Trichlorobenzene
Concen: 14.433 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083645.D
Acq: 04 Sep 2024 13:30

Tgt Ion:180 Resp: 39710
Ion Ratio Lower Upper
180 100
182 97.1 47.1 141.4
145 36.2 17.8 53.5

