

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083822.D
 Acq On : 12 Sep 2024 10:56
 Operator : JC\MD
 Sample : VN0912WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

Quant Time: Sep 12 16:44:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104058	38.220	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	76.440%		
35) Dibromofluoromethane	8.165	113	73246	37.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	74.860%#		
50) Toluene-d8	10.565	98	266428	39.378	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	78.760%#		
62) 4-Bromofluorobenzene	12.847	95	101285	36.284	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	72.560%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41232	19.663	ug/l	96
3) Chloromethane	2.360	50	42535	18.709	ug/l	92
4) Vinyl Chloride	2.512	62	43557	18.951	ug/l	98
5) Bromomethane	2.907	94	24417	18.503	ug/l	96
6) Chloroethane	3.083	64	32376	20.081	ug/l	97
7) Trichlorofluoromethane	3.477	101	74431	19.078	ug/l	98
8) Diethyl Ether	3.954	74	24799	18.962	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	40350	19.512	ug/l	98
10) Methyl Iodide	4.577	142	50145	19.067	ug/l	97
11) Tert butyl alcohol	5.530	59	34111	93.563	ug/l	100
12) 1,1-Dichloroethene	4.330	96	37663	19.285	ug/l	95
13) Acrolein	4.171	56	40385	112.269	ug/l	96
14) Allyl chloride	5.024	41	65676	18.873	ug/l	96
15) Acrylonitrile	5.712	53	95444	96.265	ug/l	99
16) Acetone	4.424	43	110051	100.833	ug/l	95
17) Carbon Disulfide	4.701	76	95049	17.399	ug/l	99
18) Methyl Acetate	5.024	43	46812	19.452	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	136721	19.346	ug/l	99
20) Methylene Chloride	5.271	84	42496	19.027	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	39274	18.765	ug/l	85
22) Diisopropyl ether	6.671	45	141189	19.710	ug/l	98
23) Vinyl Acetate	6.600	43	520660	99.251	ug/l	99
24) 1,1-Dichloroethane	6.559	63	77480	18.774	ug/l	99
25) 2-Butanone	7.483	43	140129	97.686	ug/l	98
26) 2,2-Dichloropropane	7.489	77	75570	19.883	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	46893	18.874	ug/l	97
28) Bromochloromethane	7.812	49	32649	18.786	ug/l	98
29) Tetrahydrofuran	7.836	42	82459	97.216	ug/l	99
30) Chloroform	7.965	83	84871	19.371	ug/l	99
31) Cyclohexane	8.259	56	70673	17.961	ug/l #	96
32) 1,1,1-Trichloroethane	8.165	97	78273	19.429	ug/l	97
36) 1,1-Dichloropropene	8.365	75	56317	19.118	ug/l	99
37) Ethyl Acetate	7.559	43	56244	21.035	ug/l	97
38) Carbon Tetrachloride	8.359	117	66484	19.894	ug/l	98
39) Methylcyclohexane	9.594	83	64721	19.302	ug/l	98
40) Benzene	8.600	78	174836	19.719	ug/l	98

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Quant Time: Sep 12 16:44:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	32471	20.532	ug/l	96
42) 1,2-Dichloroethane	8.665	62	66962	20.212	ug/l	99
43) Isopropyl Acetate	8.689	43	108542	22.401	ug/l	98
44) Trichloroethene	9.347	130	39864	19.415	ug/l	93
45) 1,2-Dichloropropane	9.618	63	42106	19.649	ug/l	97
46) Dibromomethane	9.706	93	30731	20.474	ug/l	99
47) Bromodichloromethane	9.888	83	64392	19.822	ug/l	96
48) Methyl methacrylate	9.677	41	46909	20.405	ug/l	98
49) 1,4-Dioxane	9.694	88	16087	425.385	ug/l #	98
51) 4-Methyl-2-Pentanone	10.441	43	272002	103.125	ug/l	97
52) Toluene	10.630	92	104751	19.315	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	64099	19.467	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	67004	19.372	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	38933	19.229	ug/l	97
56) Ethyl methacrylate	10.871	69	65182	20.925	ug/l	98
57) 1,3-Dichloropropane	11.165	76	70175	20.167	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	105809	94.269	ug/l	99
59) 2-Hexanone	11.194	43	203288	104.192	ug/l	98
60) Dibromochloromethane	11.359	129	44913	19.821	ug/l	100
61) 1,2-Dibromoethane	11.471	107	40434	20.025	ug/l	96
64) Tetrachloroethene	11.106	164	32977	18.991	ug/l	96
65) Chlorobenzene	11.888	112	113450	19.549	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	40528	20.145	ug/l	98
67) Ethyl Benzene	11.965	91	204492	19.836	ug/l	99
68) m/p-Xylenes	12.071	106	152623	39.876	ug/l	100
69) o-Xylene	12.400	106	73759	19.907	ug/l	97
70) Styrene	12.412	104	123607	20.327	ug/l	99
71) Bromoform	12.576	173	27480	20.270	ug/l #	99
73) Isopropylbenzene	12.694	105	189619	19.650	ug/l	99
74) N-amyl acetate	12.494	43	84941	20.632	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	55940	19.730	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	49181m	19.542	ug/l	
77) Bromobenzene	12.982	156	43025	18.523	ug/l	96
78) n-propylbenzene	13.035	91	220668	19.654	ug/l	99
79) 2-Chlorotoluene	13.124	91	139942	19.544	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	159764	19.638	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19183	19.963	ug/l	91
82) 4-Chlorotoluene	13.218	91	140916	19.611	ug/l	98
83) tert-Butylbenzene	13.435	119	139098	19.542	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	161114	19.715	ug/l	99
85) sec-Butylbenzene	13.618	105	188991	20.021	ug/l	99
86) p-Isopropyltoluene	13.729	119	153216	19.363	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	80492	18.362	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	81881	18.447	ug/l	98
89) n-Butylbenzene	14.059	91	132915	18.708	ug/l	99
90) Hexachloroethane	14.335	117	29875	18.782	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	80431	19.012	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11881	21.022	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	40910	18.020	ug/l	99
94) Hexachlorobutadiene	15.500	225	18275	18.955	ug/l	98
95) Naphthalene	15.641	128	135408	19.605	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	39485	18.199	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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

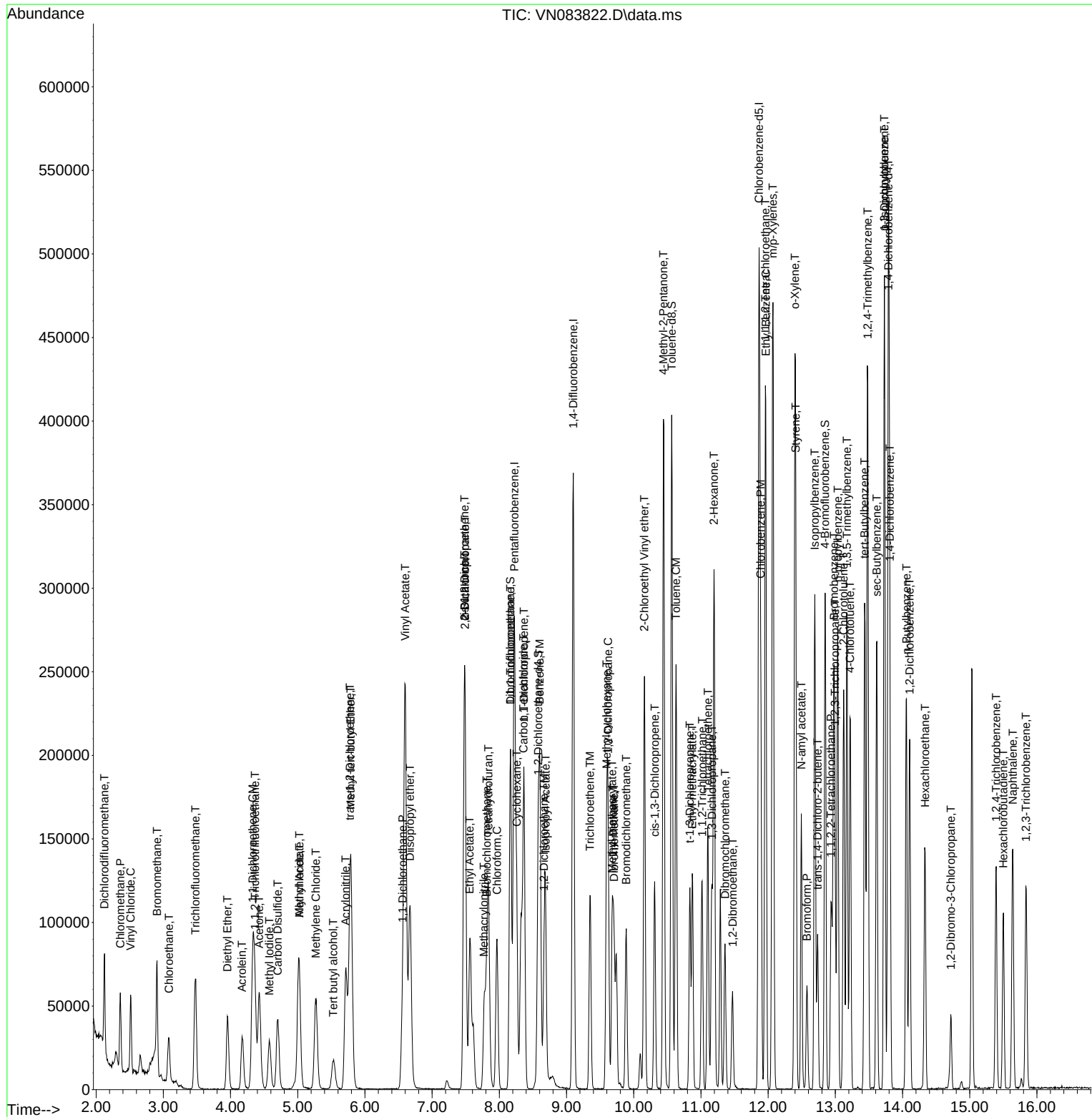
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Sample : VN0912WBS01
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ALS Vial : 5 Sample Multiplier: 1

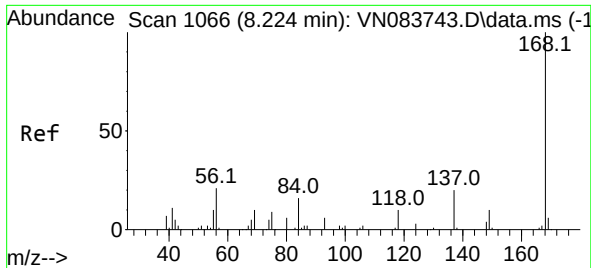
Instrument :
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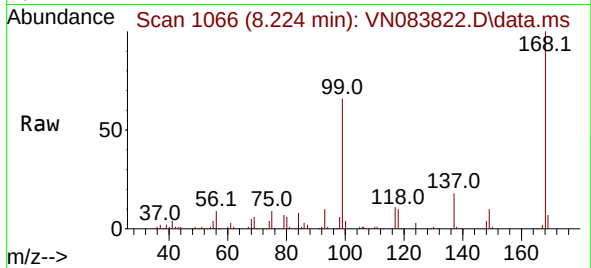
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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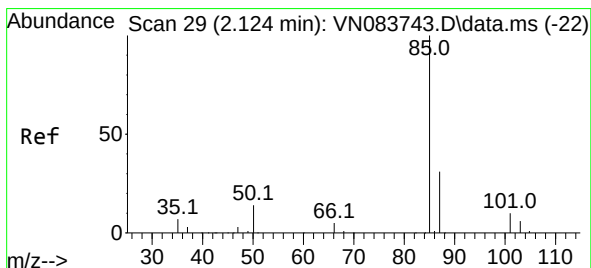
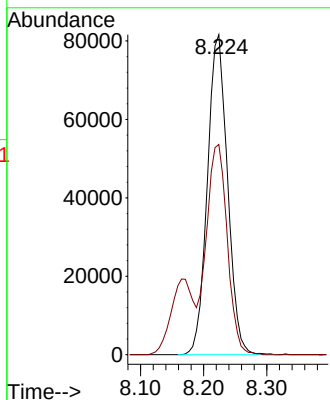
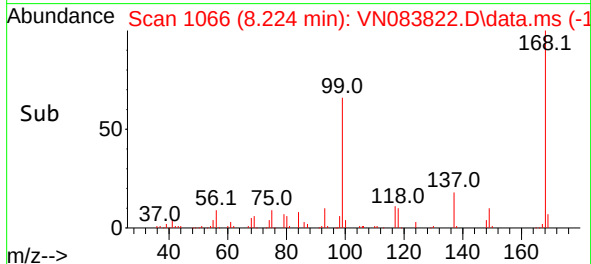
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



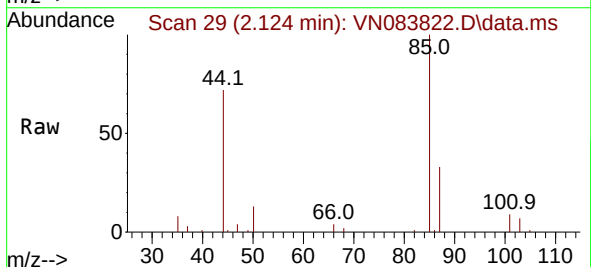
Tgt Ion:168 Resp: 180559
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2

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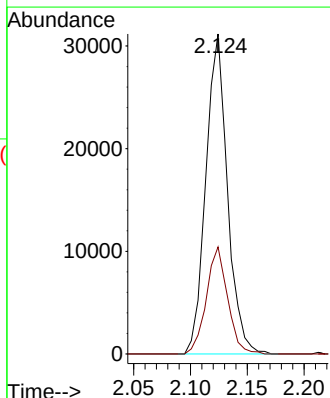
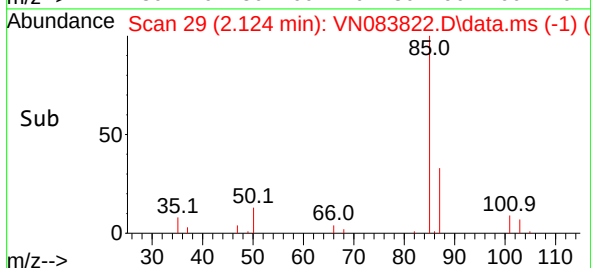
Reviewed By :John Carlone 09/13/2024
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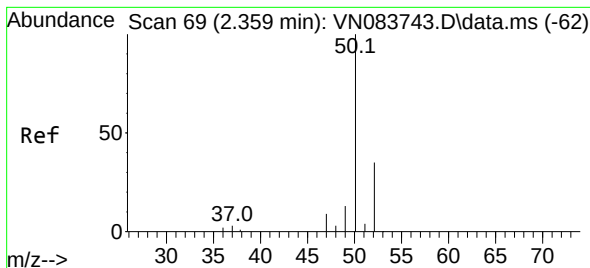


#2
Dichlorodifluoromethane
Concen: 19.663 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



Tgt Ion: 85 Resp: 41232
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0





#3

Chloromethane

Concen: 18.709 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.001 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 50 Resp: 4253

Ion Ratio Lower Upper

50 100

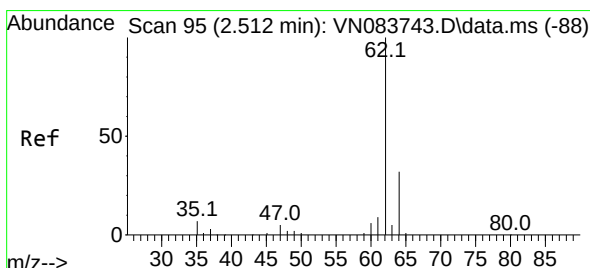
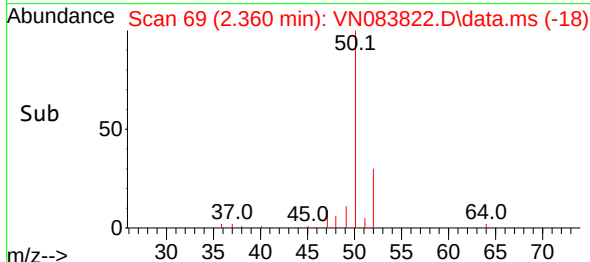
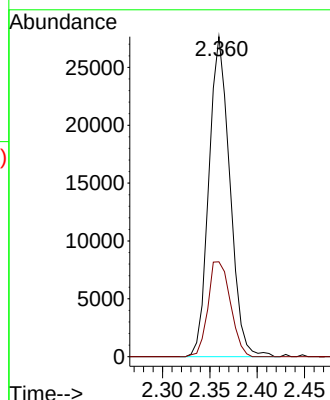
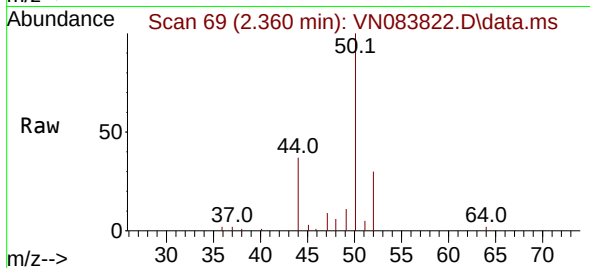
52 29.6 27.2 40.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.951 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083822.D

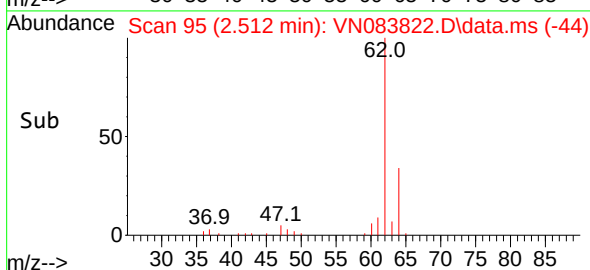
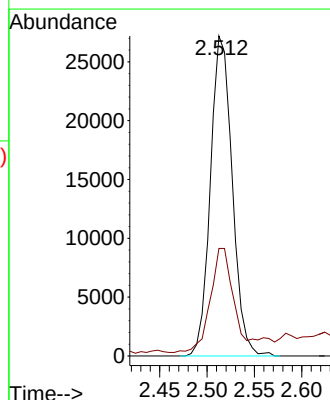
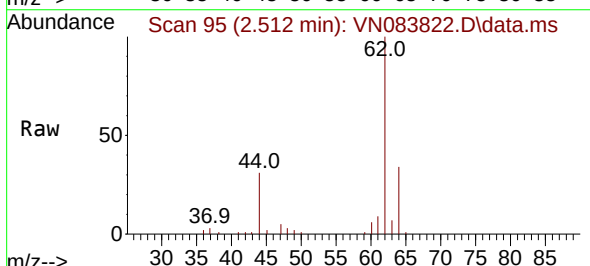
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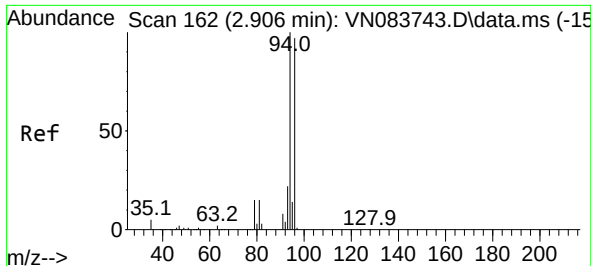
Tgt Ion: 62 Resp: 43557

Ion Ratio Lower Upper

62 100

64 32.0 24.7 37.1





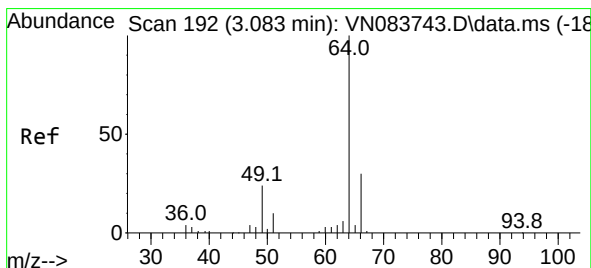
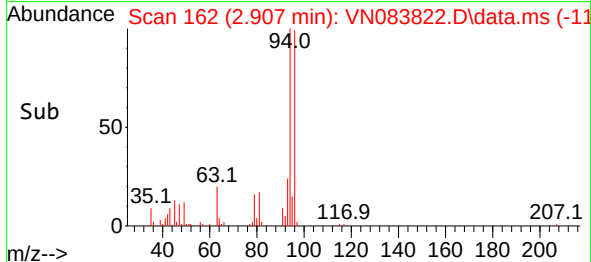
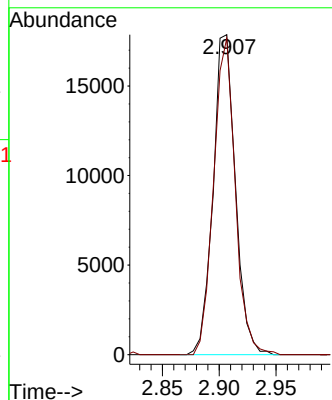
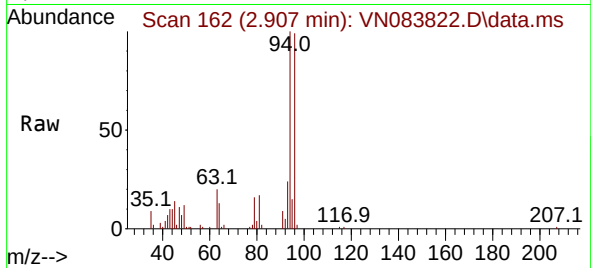
#5
Bromomethane
Concen: 18.503 ug/l
RT: 2.907 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 2441
Ion Ratio Lower Upper
94 100
96 98.9 76.0 114.0

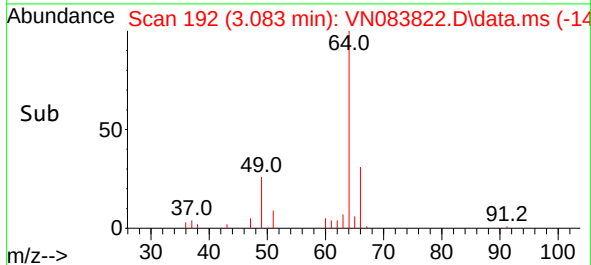
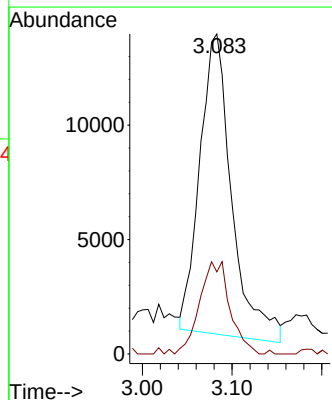
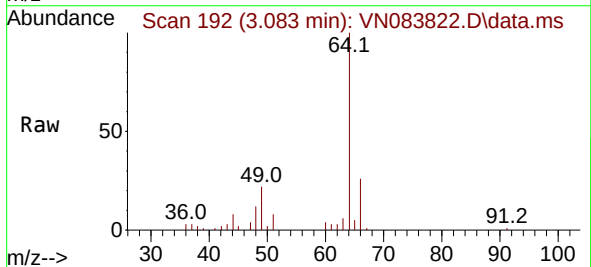
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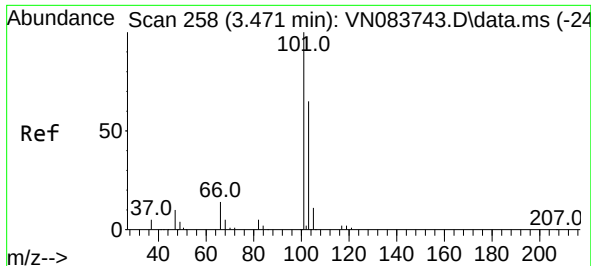
Reviewed By :John Carlone 09/13/2024
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#6
Chloroethane
Concen: 20.081 ug/l
RT: 3.083 min Scan# 192
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion: 64 Resp: 32376
Ion Ratio Lower Upper
64 100
66 28.2 23.9 35.9





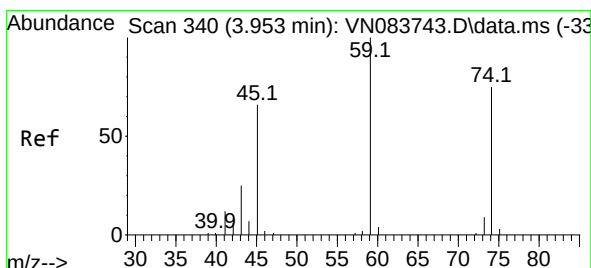
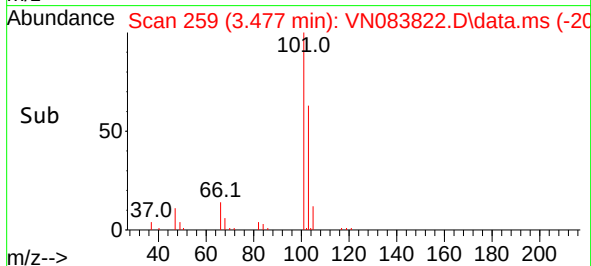
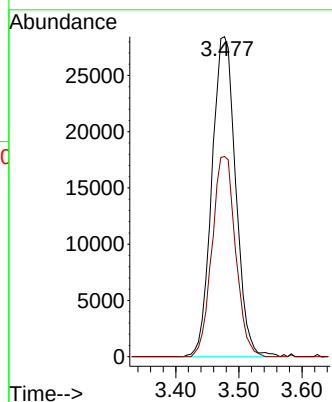
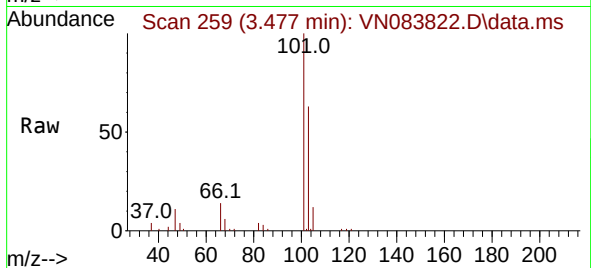
#7
Trichlorofluoromethane
Concen: 19.078 ug/l
RT: 3.477 min Scan# 258
Delta R.T. 0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
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ClientSampleId :
VN0912WBS01

Tgt Ion:101 Resp: 7443
Ion Ratio Lower Upper
101 100
103 62.6 51.4 77.0

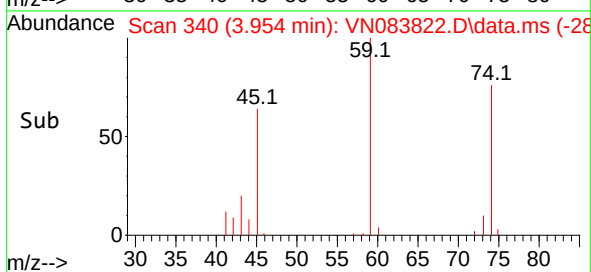
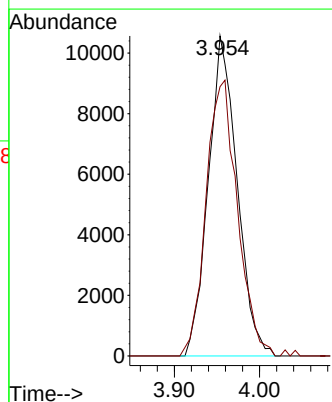
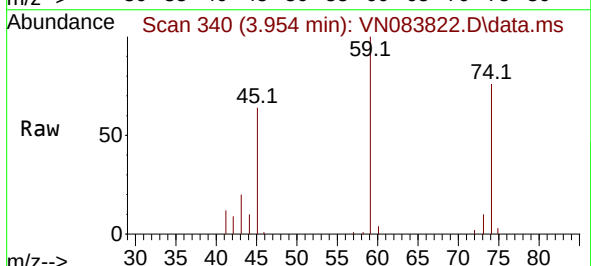
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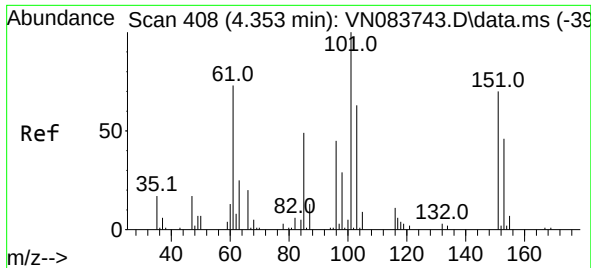
Reviewed By :John Carlone 09/13/2024
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#8
Diethyl Ether
Concen: 18.962 ug/l
RT: 3.954 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion: 74 Resp: 24799
Ion Ratio Lower Upper
74 100
45 93.9 46.7 140.1





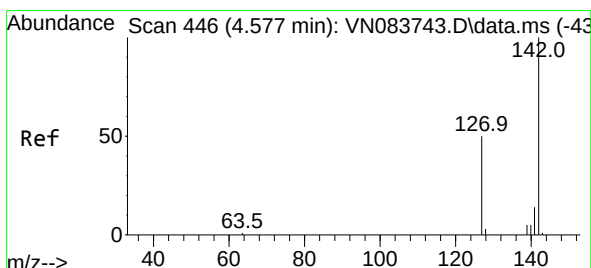
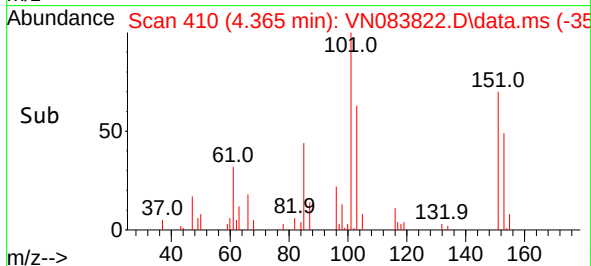
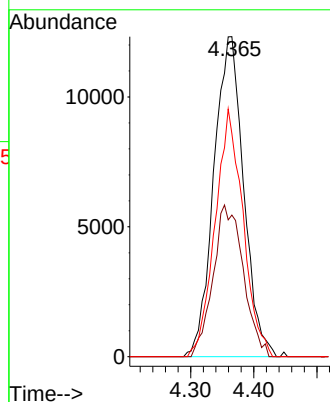
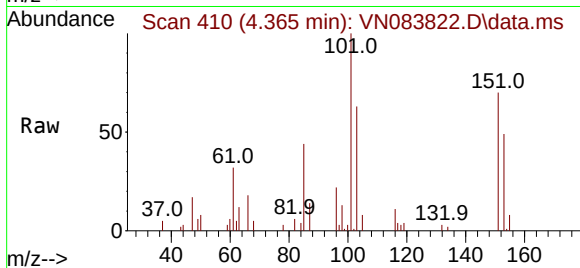
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.512 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:101 Resp: 40350
Ion Ratio Lower Upper
101 100
85 48.1 36.2 54.4
151 72.6 57.7 86.5

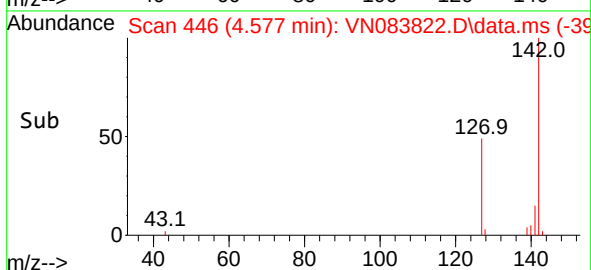
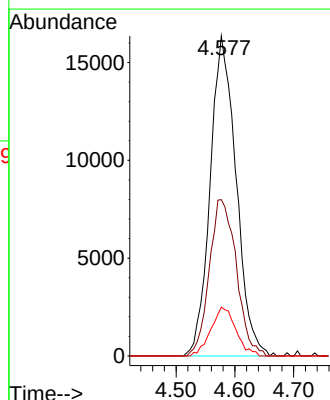
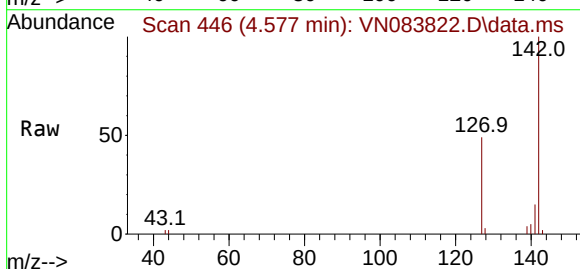
Manual Integrations
APPROVED

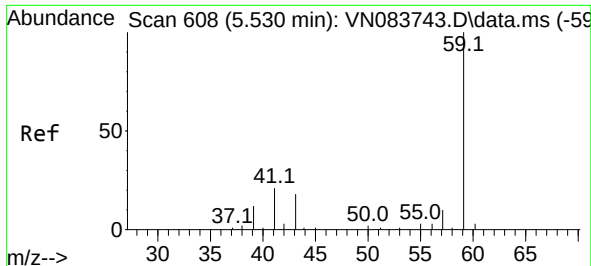
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#10
Methyl Iodide
Concen: 19.067 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

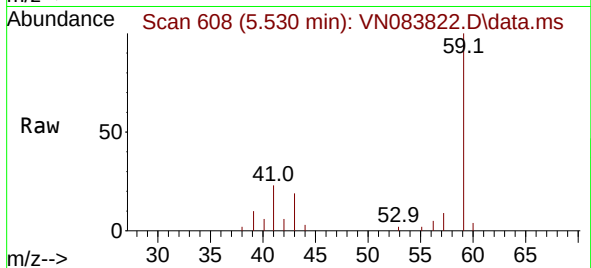
Tgt Ion:142 Resp: 50145
Ion Ratio Lower Upper
142 100
127 48.9 37.5 56.3
141 15.2 11.0 16.4





#11
Tert butyl alcohol
Concen: 93.563 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

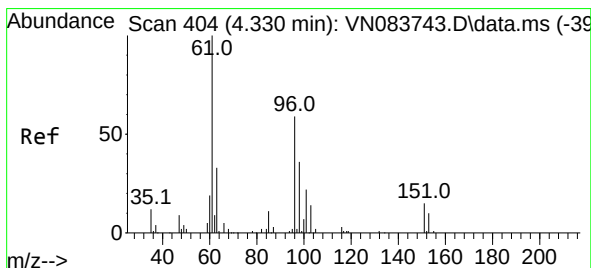
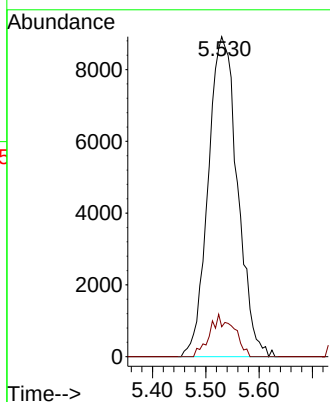
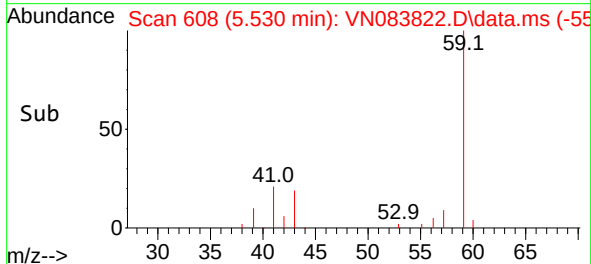
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



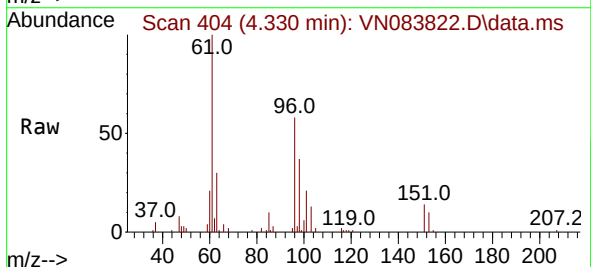
Tgt Ion: 59 Resp: 3411
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

Manual Integrations
APPROVED

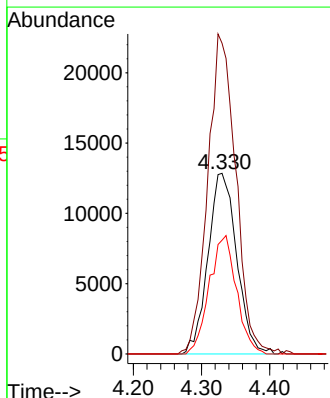
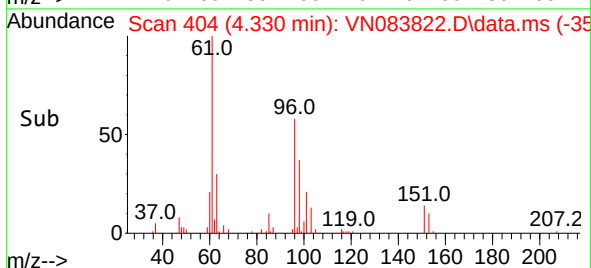
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

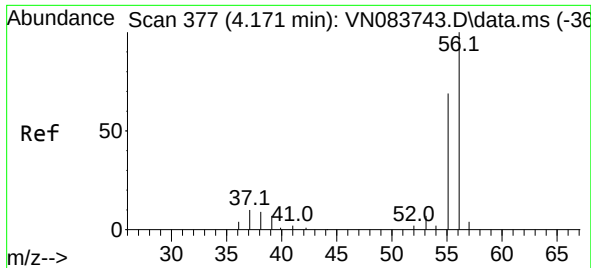


#12
1,1-Dichloroethene
Concen: 19.285 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



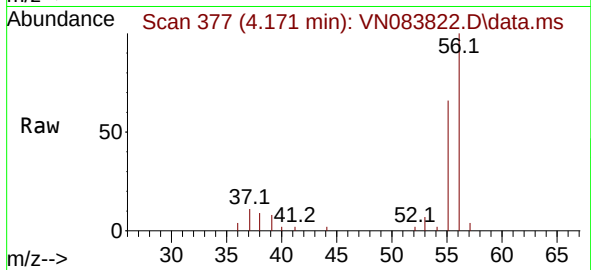
Tgt Ion: 96 Resp: 37663
Ion Ratio Lower Upper
96 100
61 172.1 143.4 215.0
98 63.0 52.7 79.1





#13
Acrolein
Concen: 112.269 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

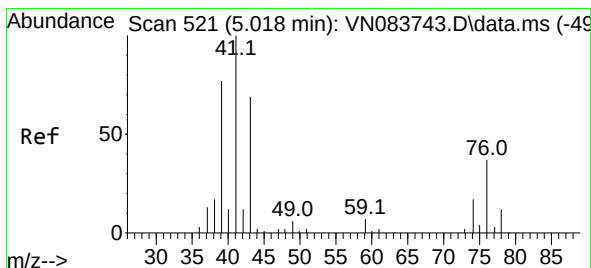
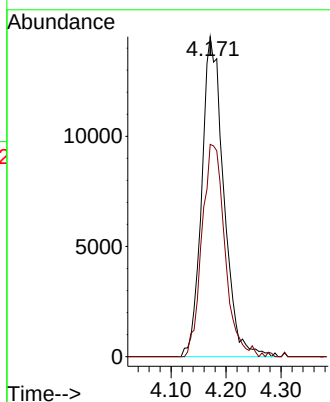
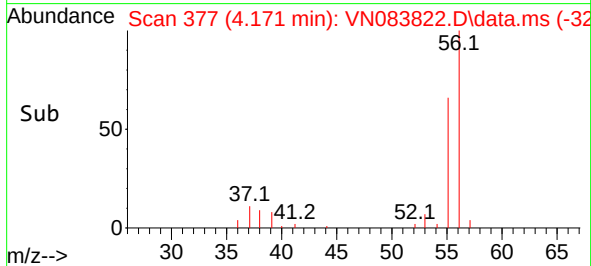
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



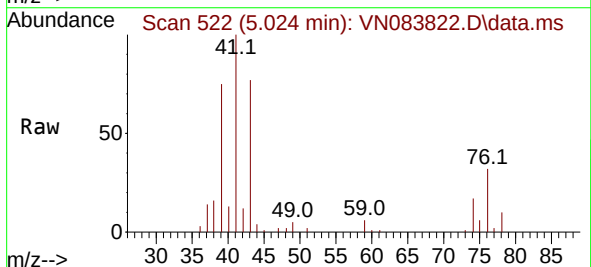
Tgt Ion: 56 Resp: 4038
Ion Ratio Lower Upper
56 100
55 69.1 58.2 87.2

Manual Integrations
APPROVED

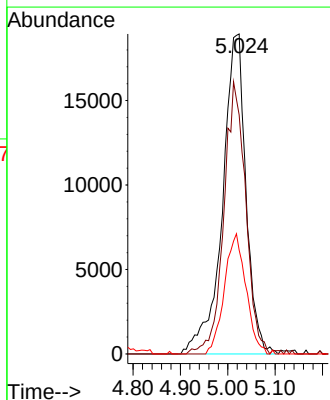
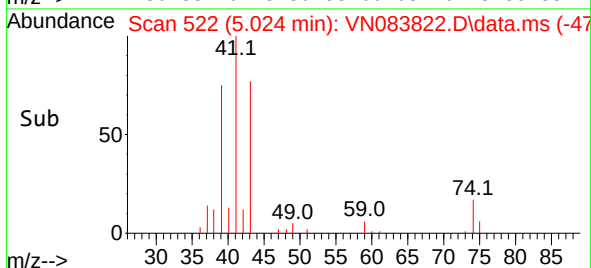
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

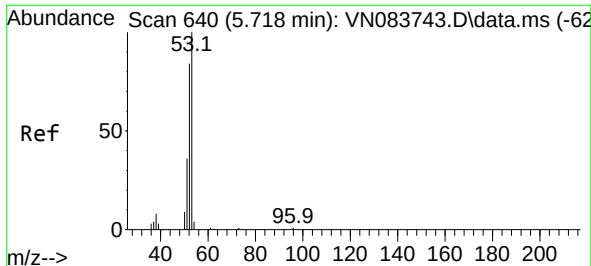


#14
Allyl chloride
Concen: 18.873 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



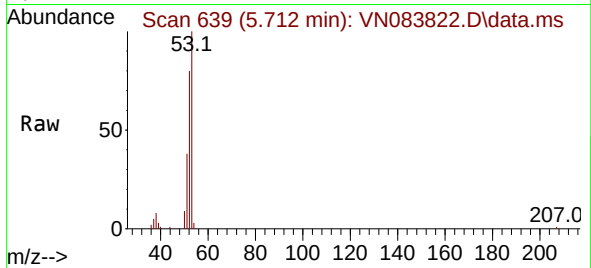
Tgt Ion: 41 Resp: 65676
Ion Ratio Lower Upper
41 100
39 78.6 59.3 88.9
76 34.3 27.7 41.5





#15
Acrylonitrile
Concen: 96.265 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

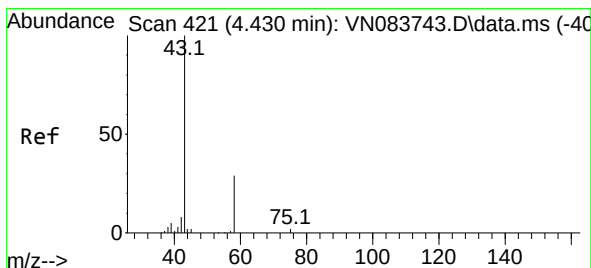
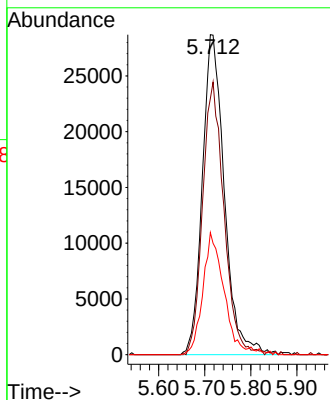
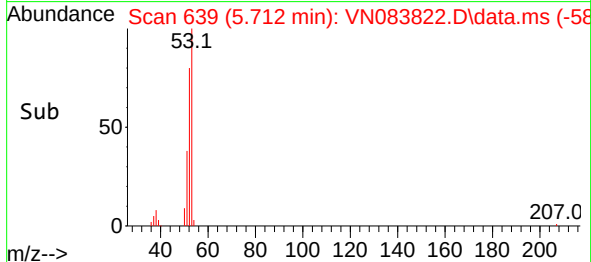
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 53 Resp: 9544
Ion Ratio Lower Upper
53 100
52 82.2 66.1 99.1
51 35.8 29.6 44.4

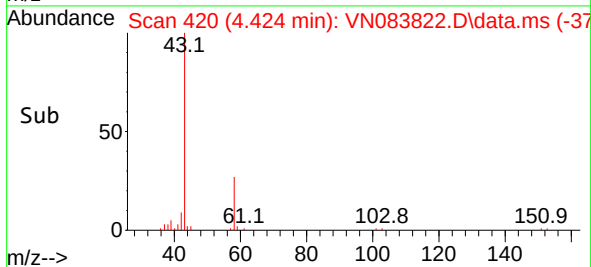
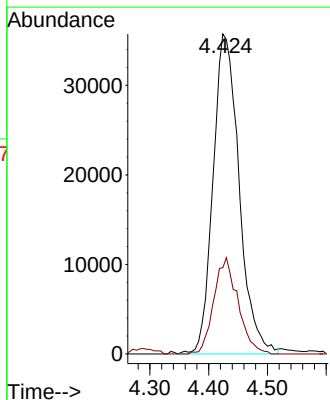
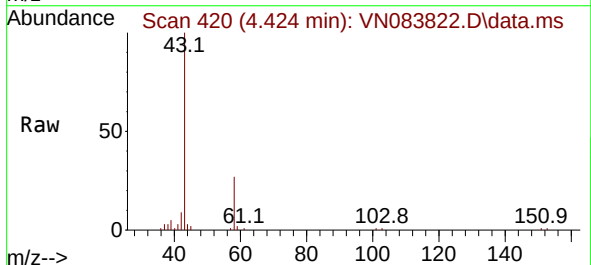
Manual Integrations
APPROVED

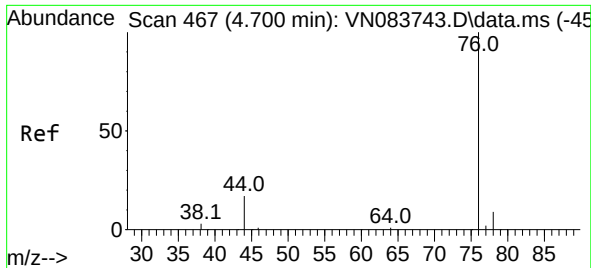
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#16
Acetone
Concen: 100.833 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion: 43 Resp: 110051
Ion Ratio Lower Upper
43 100
58 26.9 23.7 35.5





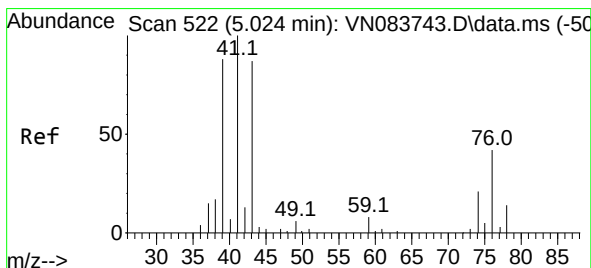
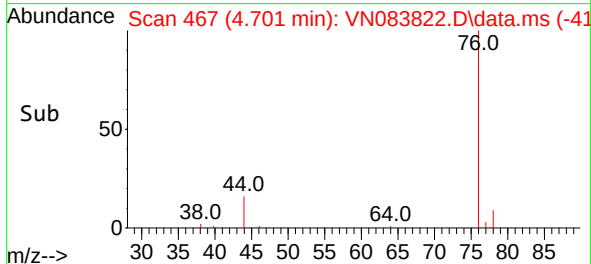
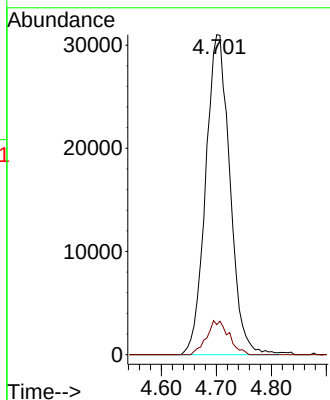
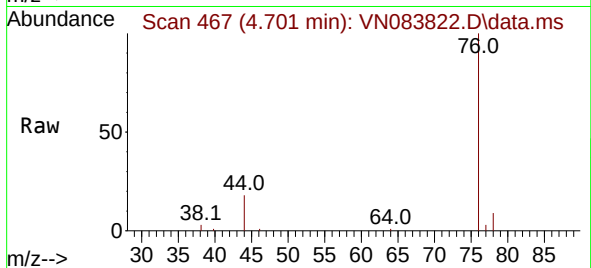
#17
Carbon Disulfide
Concen: 17.399 ug/l
RT: 4.701 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 76 Resp: 95049
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

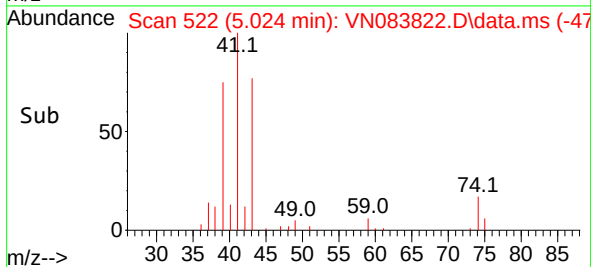
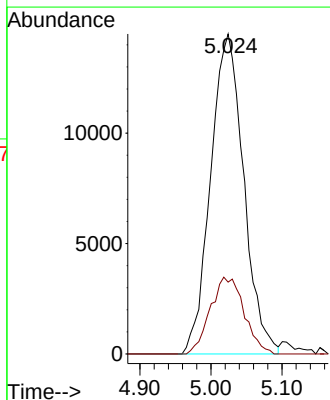
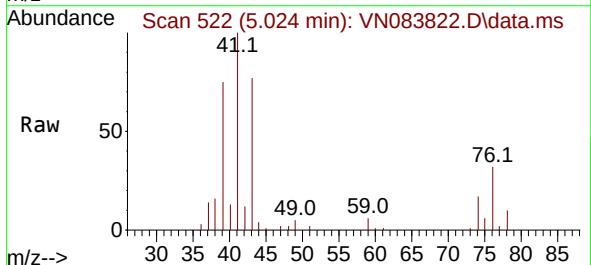
Manual Integrations
APPROVED

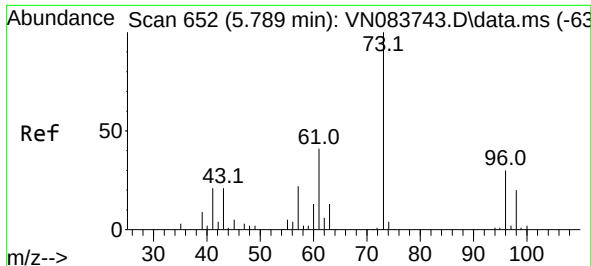
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#18
Methyl Acetate
Concen: 19.452 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion: 43 Resp: 46812
Ion Ratio Lower Upper
43 100
74 24.6 19.0 28.4





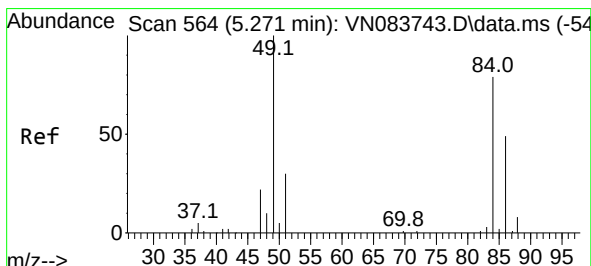
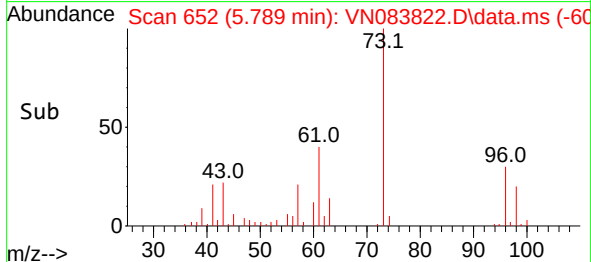
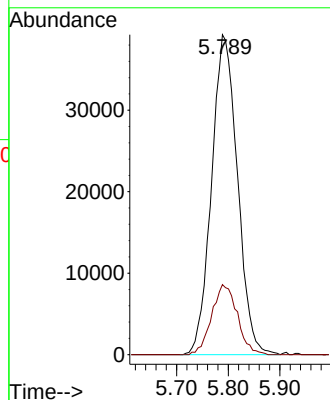
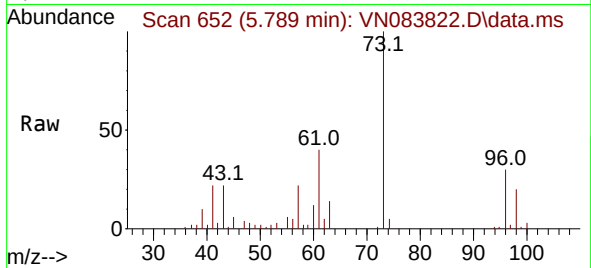
#19
Methyl tert-butyl Ether
Concen: 19.346 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 73 Resp: 13672
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6

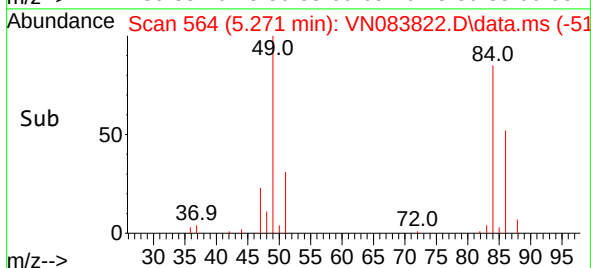
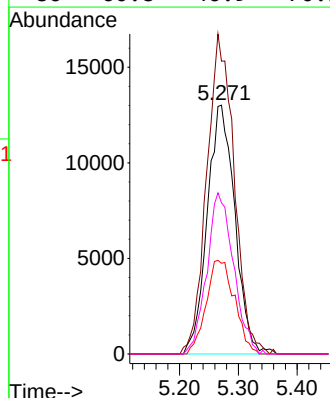
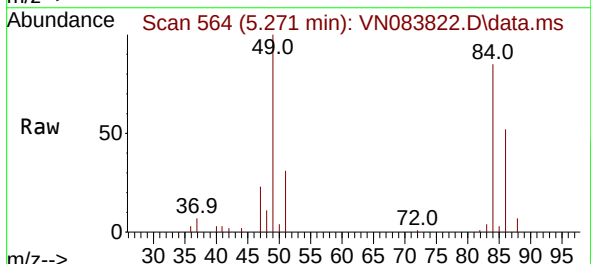
Manual Integrations
APPROVED

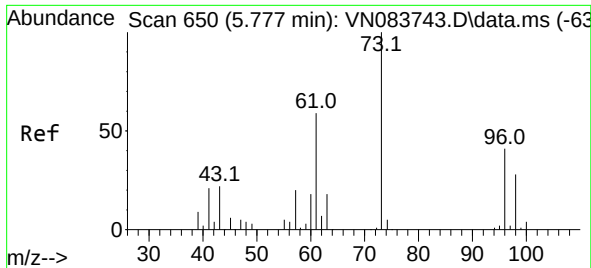
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#20
Methylene Chloride
Concen: 19.027 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

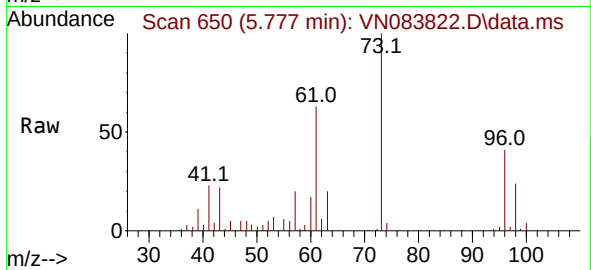
Tgt Ion: 84 Resp: 42496
Ion Ratio Lower Upper
84 100
49 117.7 93.4 140.0
51 36.5 29.2 43.8
86 60.8 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 18.765 ug/l
RT: 5.777 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

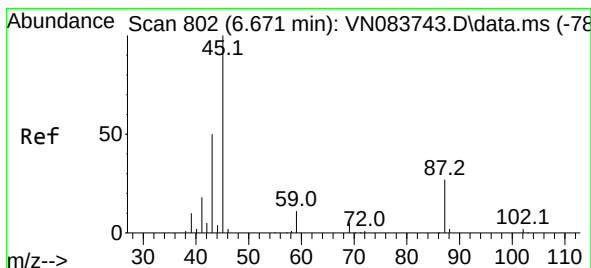
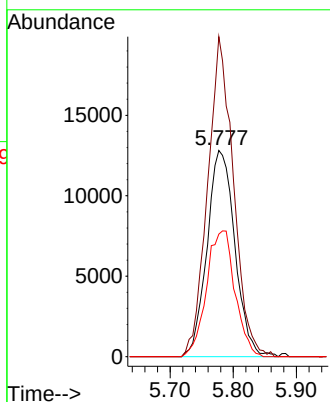
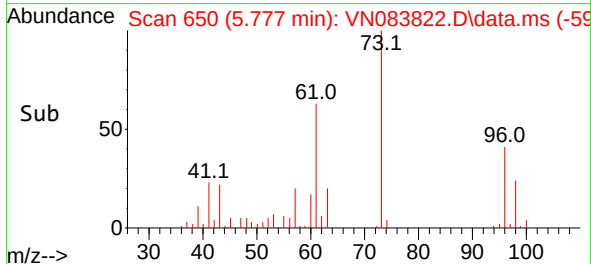
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 96 Resp: 39274
Ion Ratio Lower Upper
96 100
61 155.1 106.0 159.0
98 59.4 52.2 78.2

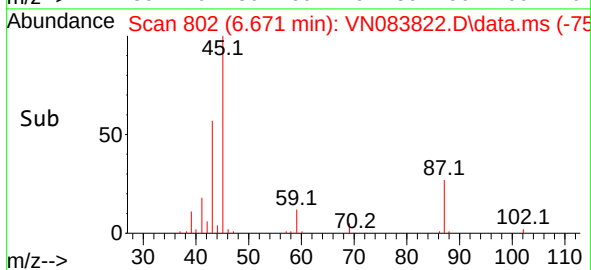
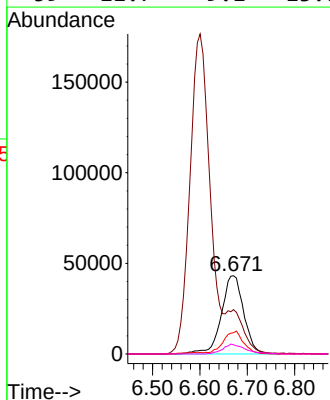
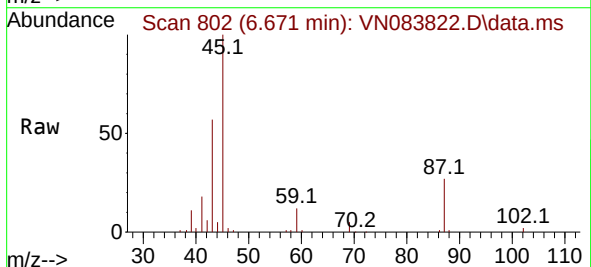
Manual Integrations
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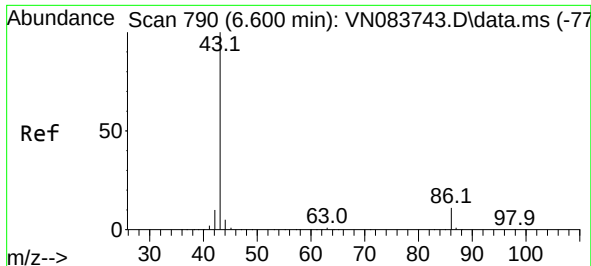
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#22
Diisopropyl ether
Concen: 19.710 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

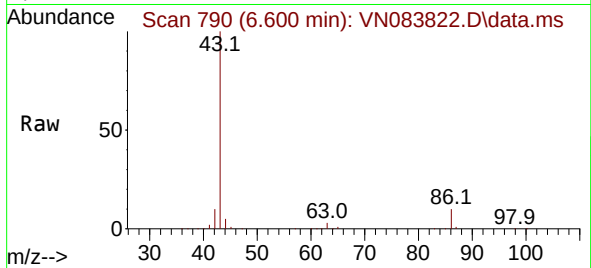
Tgt Ion: 45 Resp: 141189
Ion Ratio Lower Upper
45 100
43 55.8 43.4 65.0
87 27.2 22.6 33.8
59 11.7 9.1 13.7





#23
 Vinyl Acetate
 Concen: 99.251 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN083822.D
 Acq: 12 Sep 2024 10:56

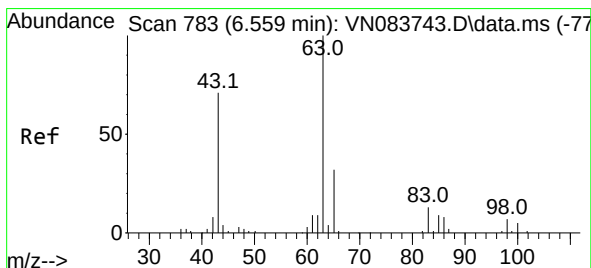
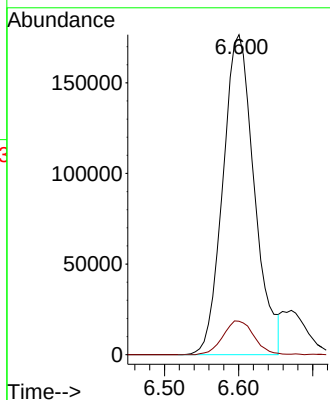
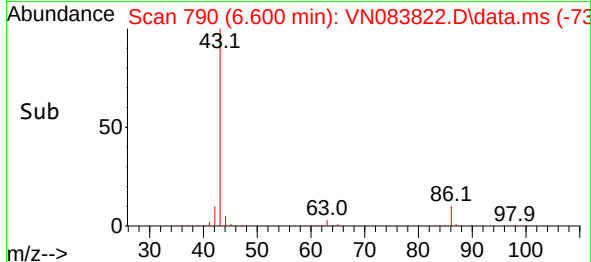
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



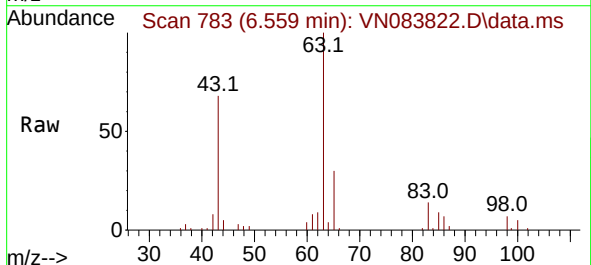
Tgt Ion: 43 Resp: 520660
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.7 13.1

Manual Integrations
 APPROVED

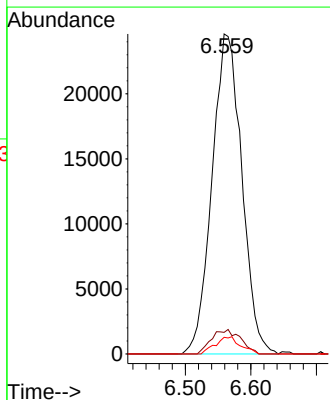
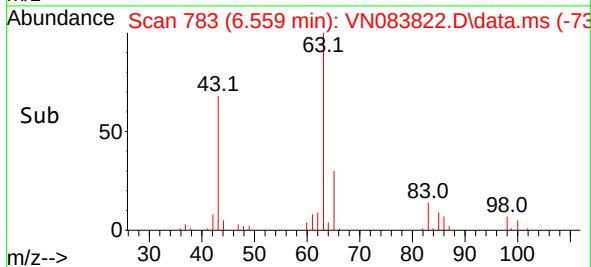
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

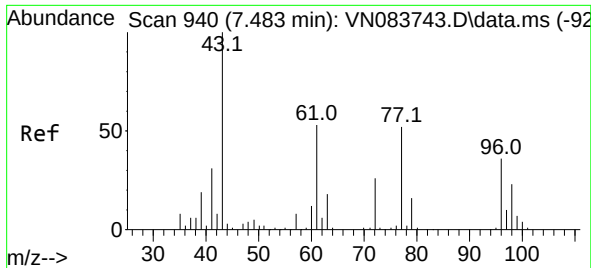


#24
 1,1-Dichloroethane
 Concen: 18.774 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: VN083822.D
 Acq: 12 Sep 2024 10:56



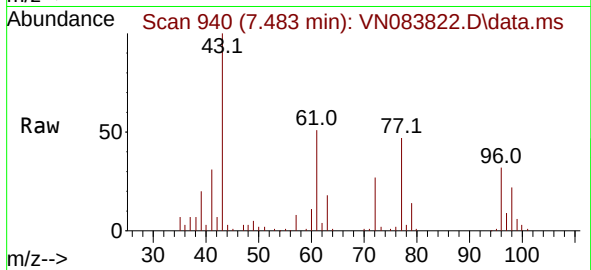
Tgt Ion: 63 Resp: 77480
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 5.2 2.5 7.5





#25
2-Butanone
Concen: 97.686 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

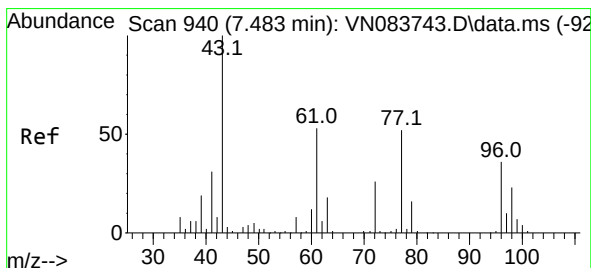
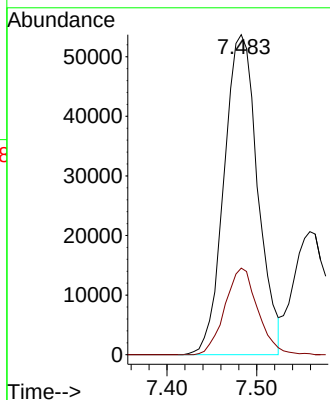
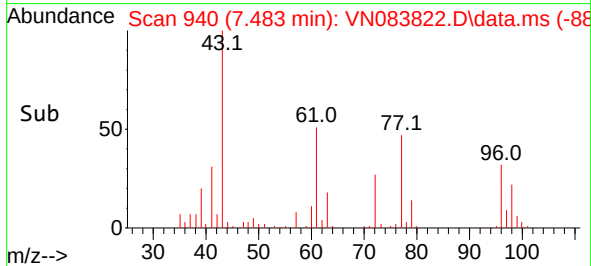
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



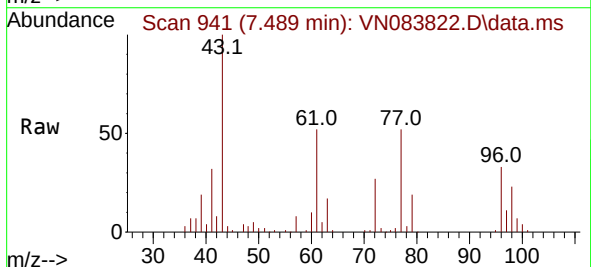
Tgt Ion: 43 Resp: 140129
Ion Ratio Lower Upper
43 100
72 27.0 20.8 31.2

Manual Integrations
APPROVED

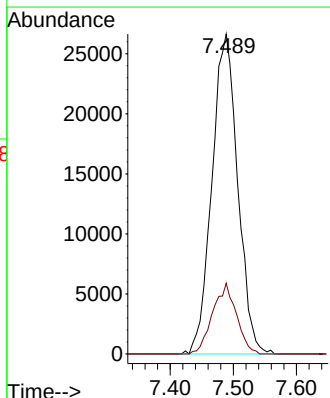
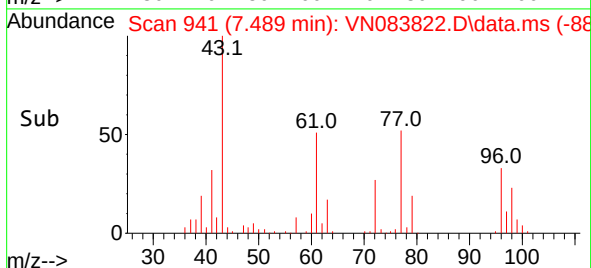
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

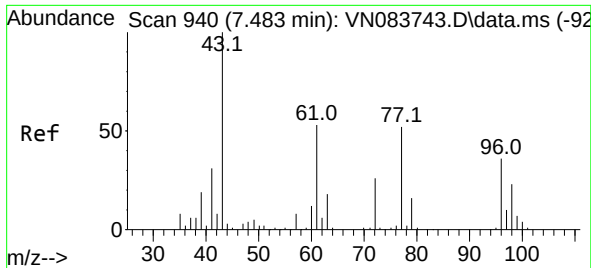


#26
2,2-Dichloropropane
Concen: 19.883 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



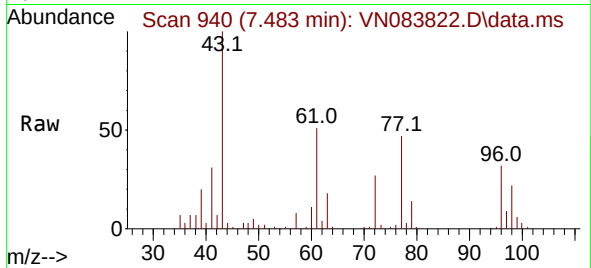
Tgt Ion: 77 Resp: 75570
Ion Ratio Lower Upper
77 100
97 20.4 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.874 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN083822.D
 Acq: 12 Sep 2024 10:56

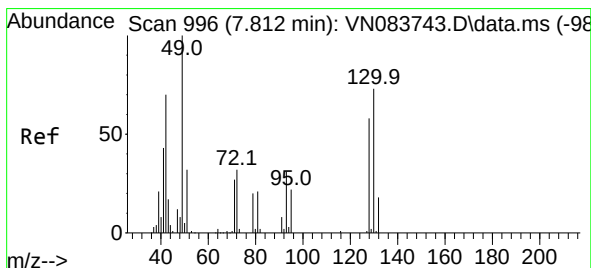
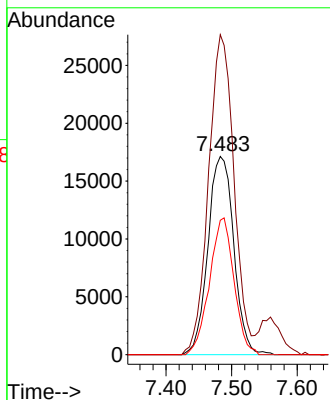
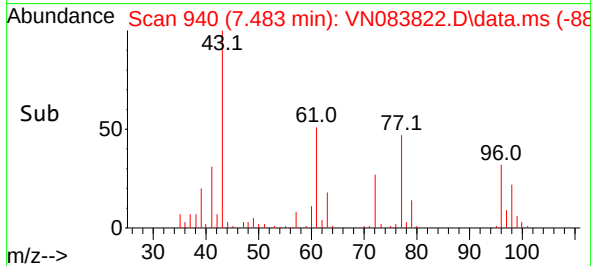
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



Tgt Ion: 96 Resp: 4689
 Ion Ratio Lower Upper
 96 100
 61 158.5 0.0 306.2
 98 65.4 0.0 128.6

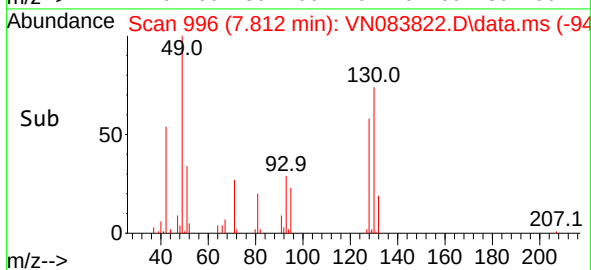
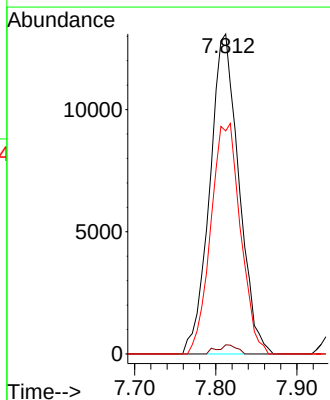
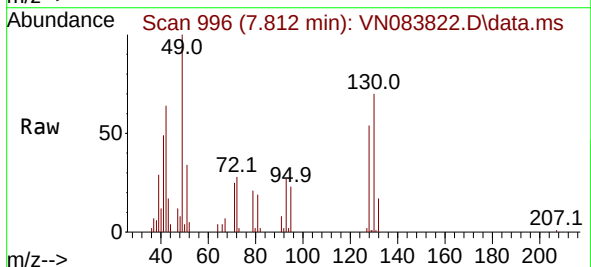
Manual Integrations
 APPROVED

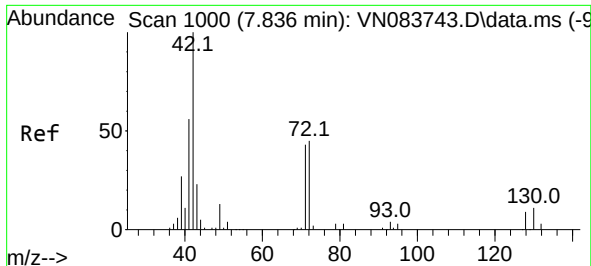
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#28
 Bromochloromethane
 Concen: 18.786 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083822.D
 Acq: 12 Sep 2024 10:56

Tgt Ion: 49 Resp: 32649
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 73.3 60.2 90.2





#29

Tetrahydrofuran

Concen: 97.216 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

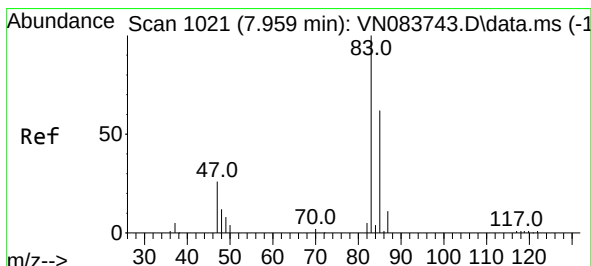
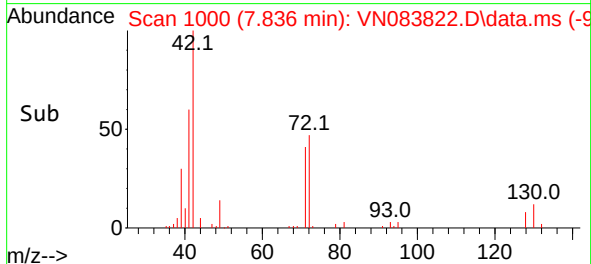
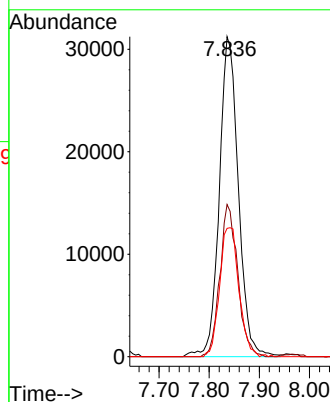
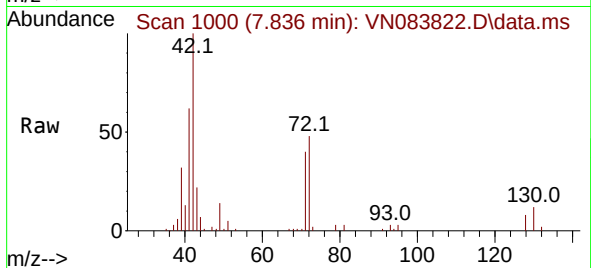
Tgt Ion:	42	Resp:	82459
Ion Ratio	Lower	Upper	
42	100		
72	44.6	35.9	53.9
71	40.9	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#30

Chloroform

Concen: 19.371 ug/l

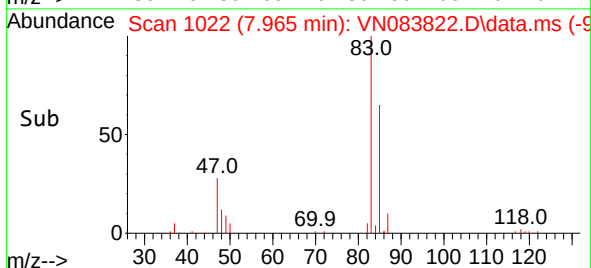
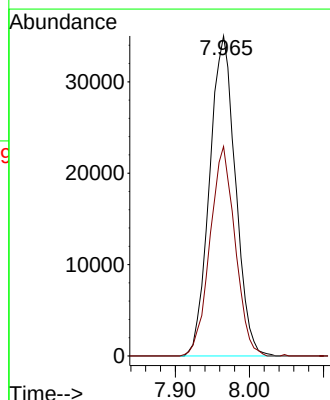
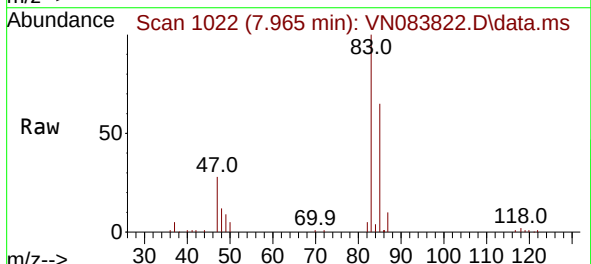
RT: 7.965 min Scan# 1022

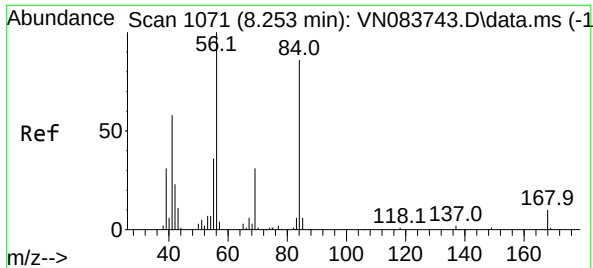
Delta R.T. 0.006 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

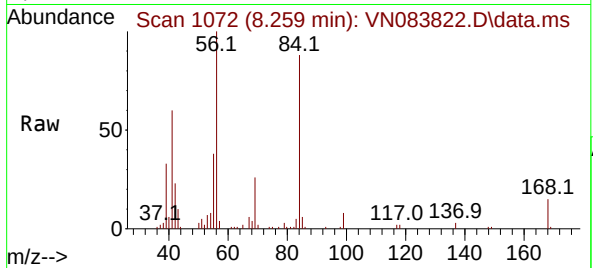
Tgt Ion:	83	Resp:	84871
Ion Ratio	Lower	Upper	
83	100		
85	65.4	52.8	79.2





#31
Cyclohexane
Concen: 17.961 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

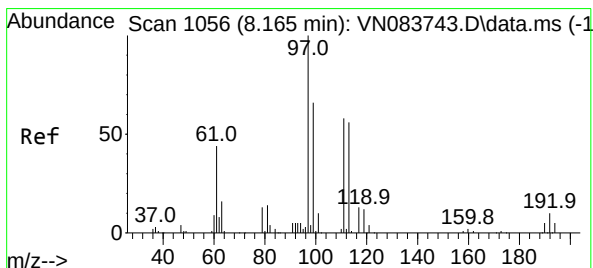
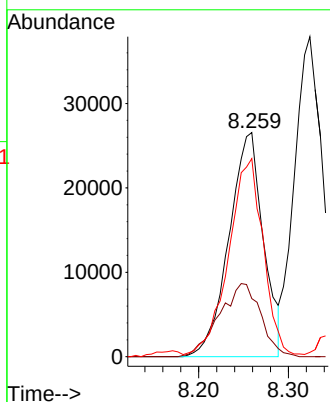
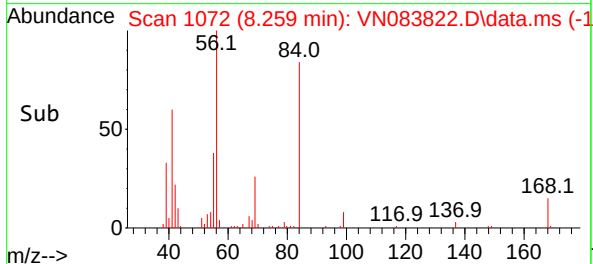
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



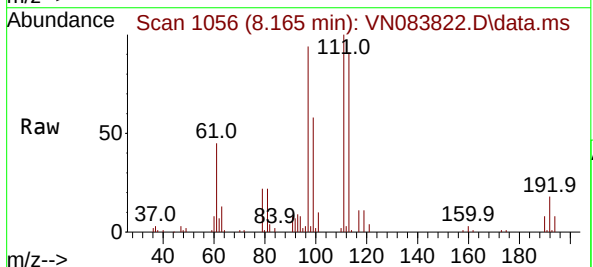
Tgt Ion: 56 Resp: 70673
Ion Ratio Lower Upper
56 100
69 25.9 26.9 40.3
84 86.2 69.2 103.8

Manual Integrations
APPROVED

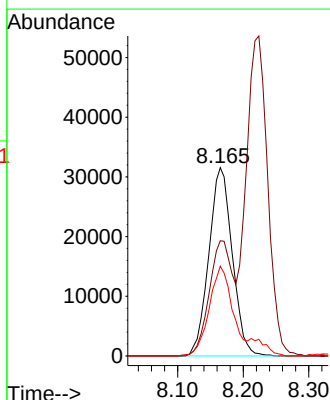
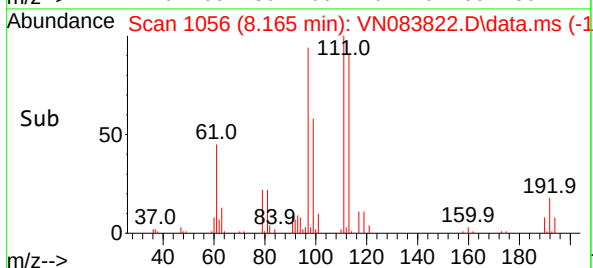
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

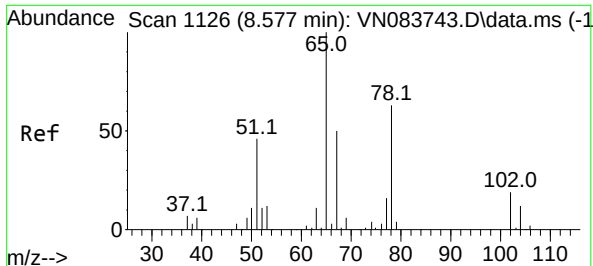


#32
1,1,1-Trichloroethane
Concen: 19.429 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



Tgt Ion: 97 Resp: 78273
Ion Ratio Lower Upper
97 100
99 61.3 52.3 78.5
61 47.6 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 38.220 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 65 Resp: 104058

Ion Ratio Lower Upper

65 100

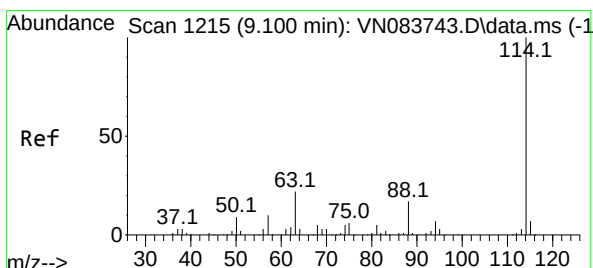
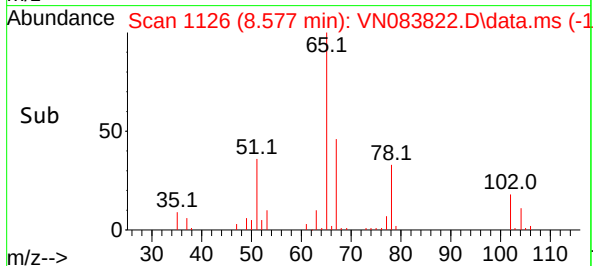
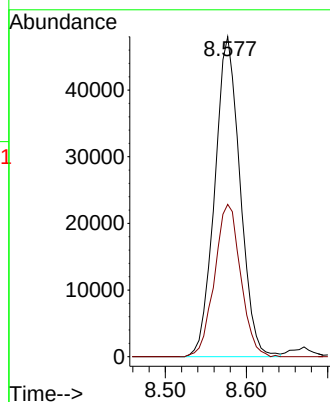
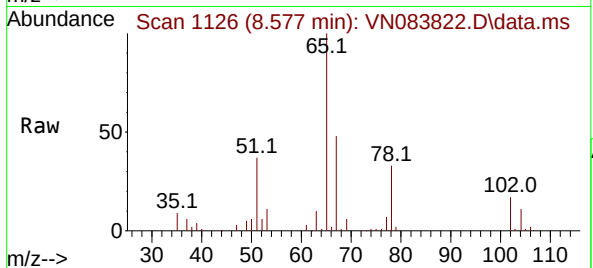
67 49.0 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

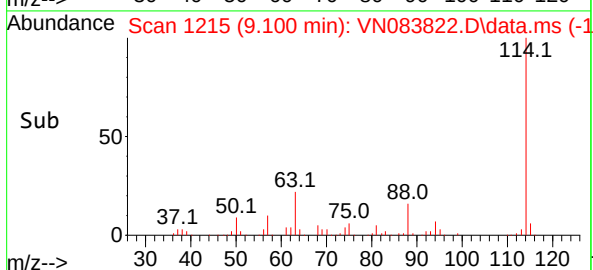
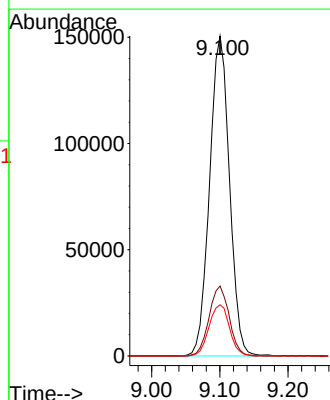
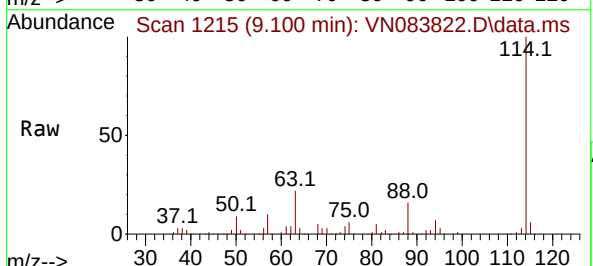
Tgt Ion:114 Resp: 305711

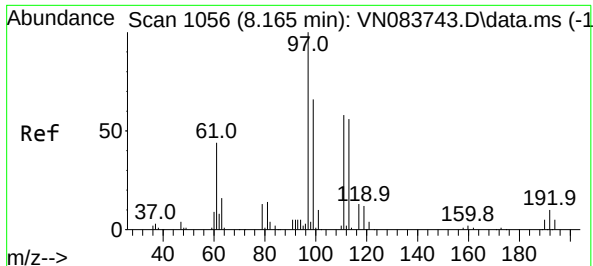
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 37.425 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

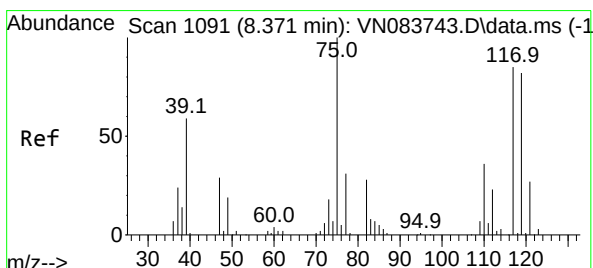
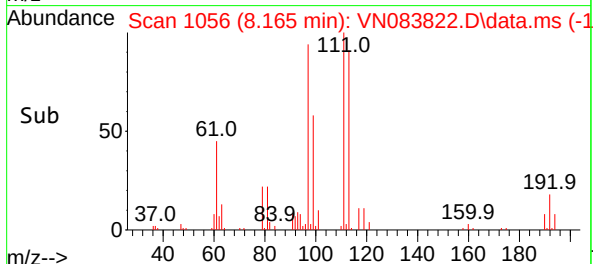
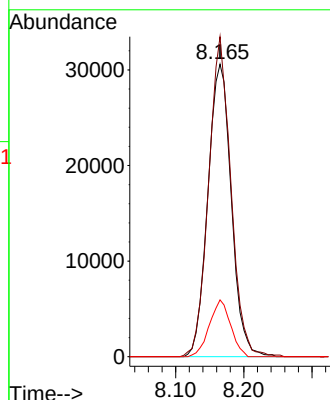
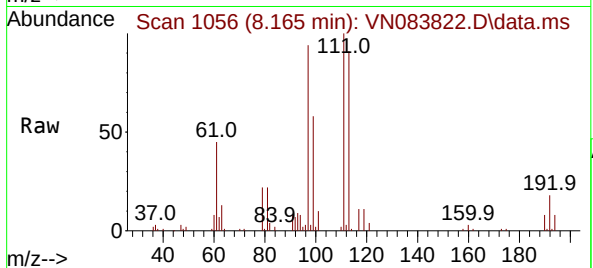
Tgt Ion:	113	Resp:	73240
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	124.0
192	17.6	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#36

1,1-Dichloropropene

Concen: 19.118 ug/l

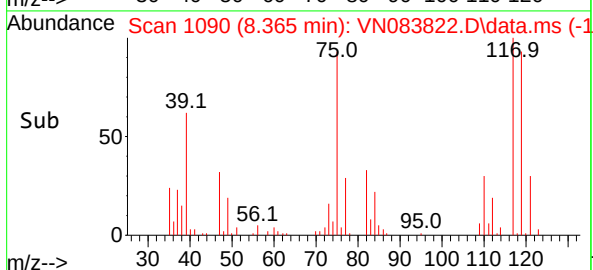
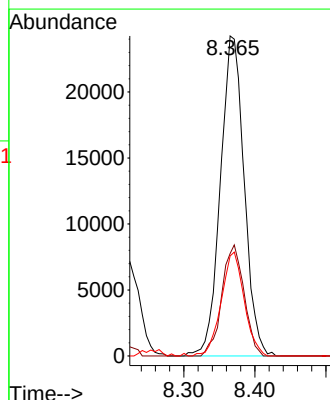
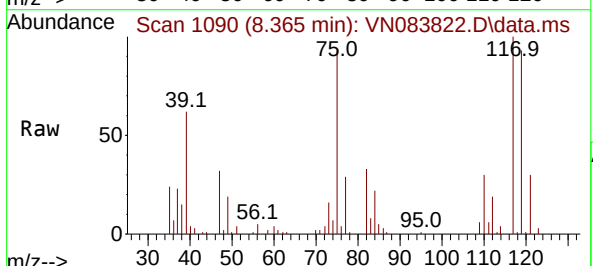
RT: 8.365 min Scan# 1090

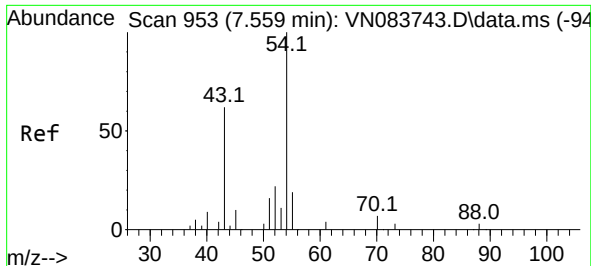
Delta R.T. -0.006 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Tgt Ion:	75	Resp:	56317
Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.7	50.1
77	31.3	25.2	37.8





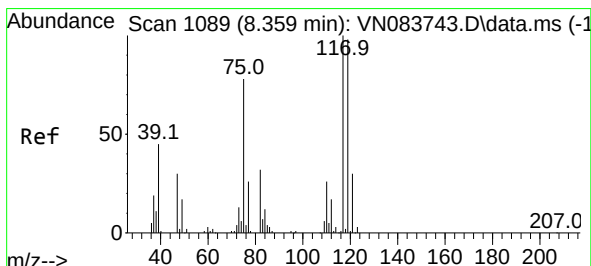
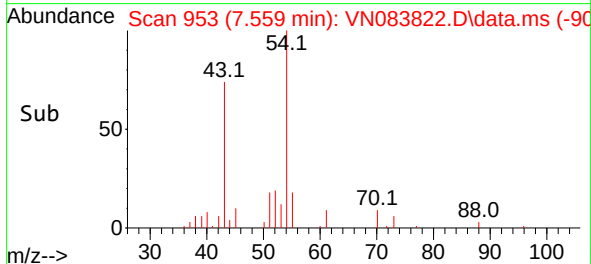
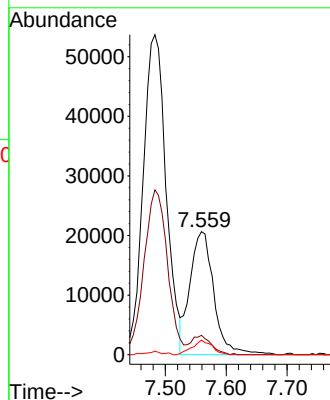
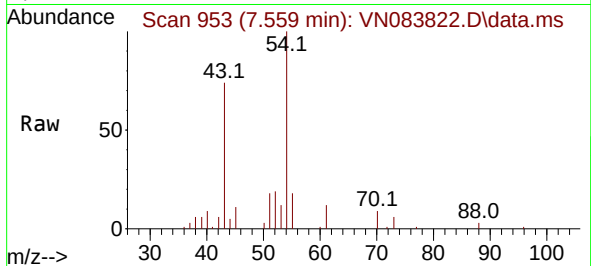
#37
Ethyl Acetate
Concen: 21.035 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 43 Resp: 56244
Ion Ratio Lower Upper
43 100
61 12.7 11.1 16.7
70 9.7 8.8 13.2

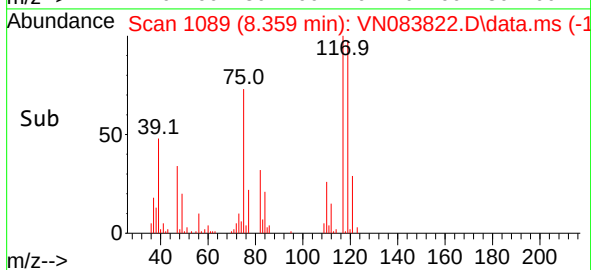
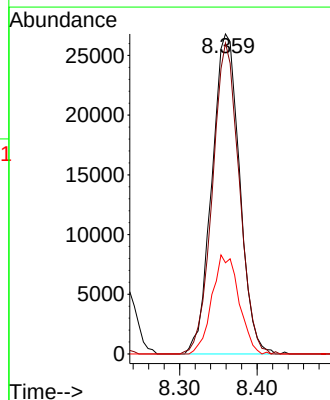
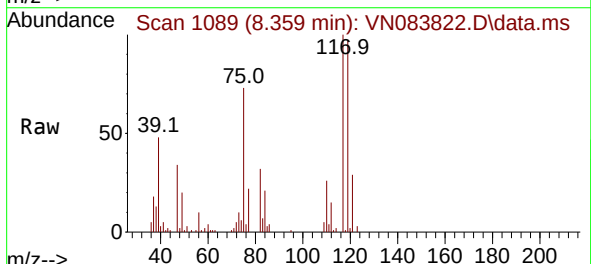
Manual Integrations
APPROVED

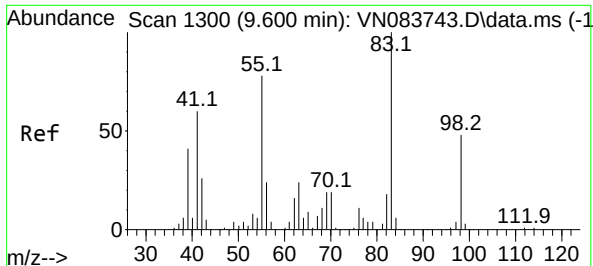
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#38
Carbon Tetrachloride
Concen: 19.894 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion:117 Resp: 66484
Ion Ratio Lower Upper
117 100
119 97.1 76.1 114.1
121 28.5 24.1 36.1





#39

Methylcyclohexane

Concen: 19.302 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

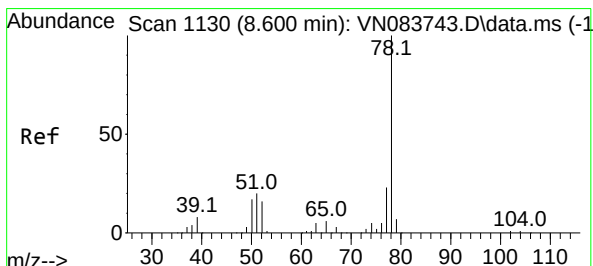
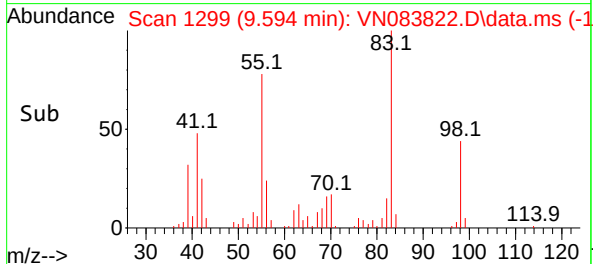
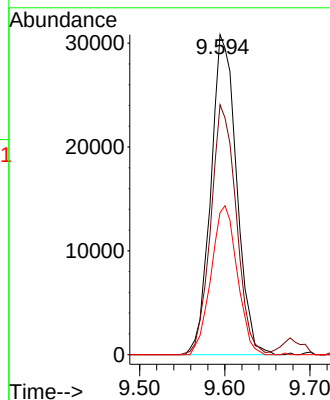
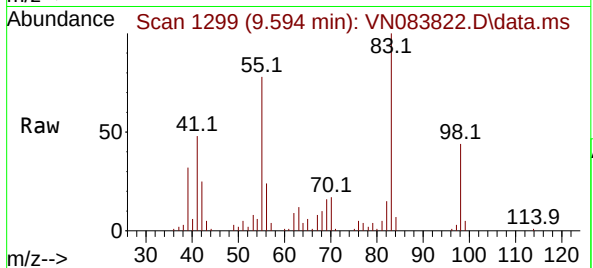
Tgt Ion: 83	Resp: 6472
Ion Ratio	Lower Upper
83	100
55	78.1 62.2 93.4
98	44.4 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#40

Benzene

Concen: 19.719 ug/l

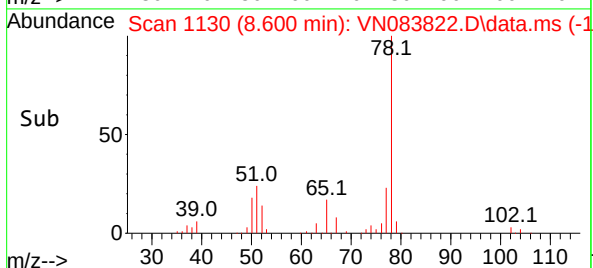
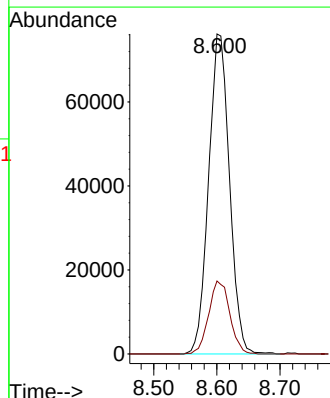
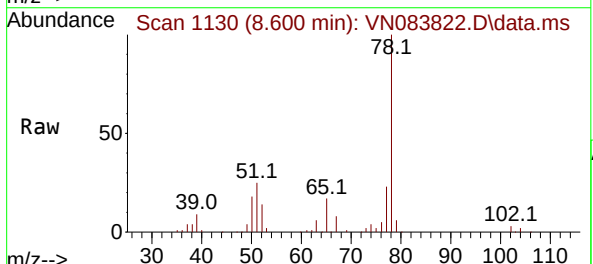
RT: 8.600 min Scan# 1130

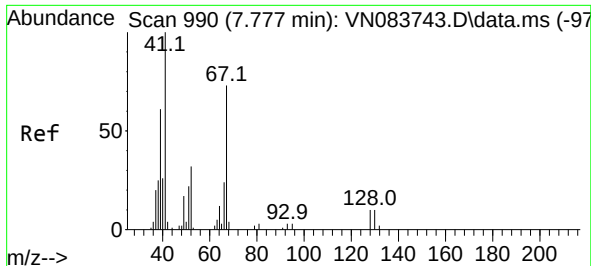
Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Tgt Ion: 78	Resp: 174836
Ion Ratio	Lower Upper
78	100
77	22.8 19.0 28.6





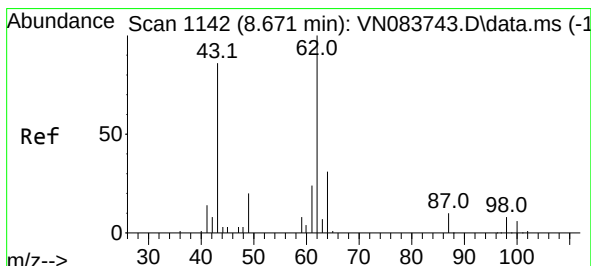
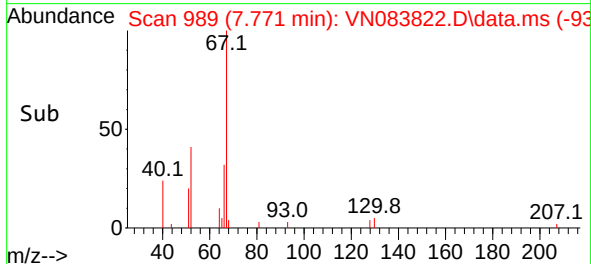
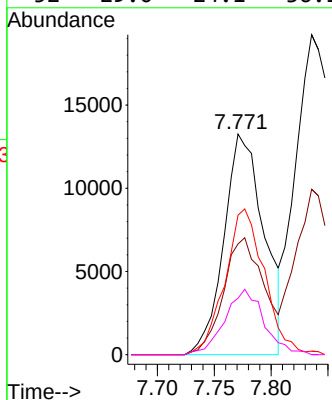
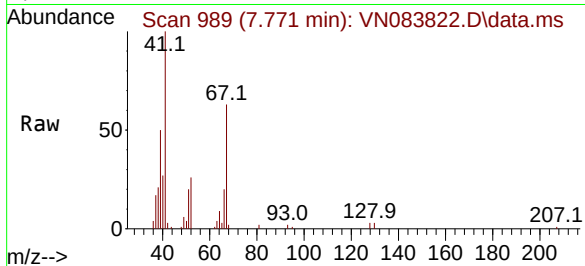
#41
Methacrylonitrile
Concen: 20.532 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:	41	Resp:	3247
Ion	Ratio	Lower	Upper
41	100		
39	53.8	45.4	68.2
67	65.2	55.9	83.9
52	29.0	24.1	36.1

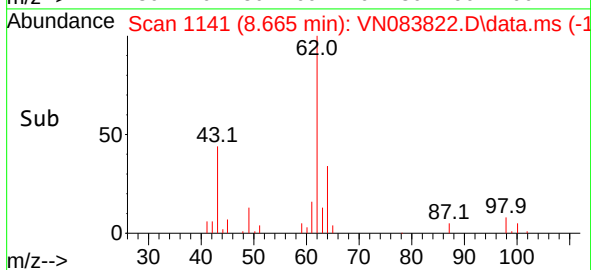
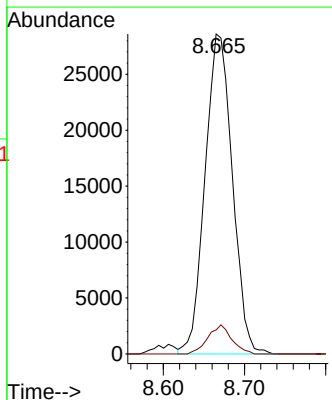
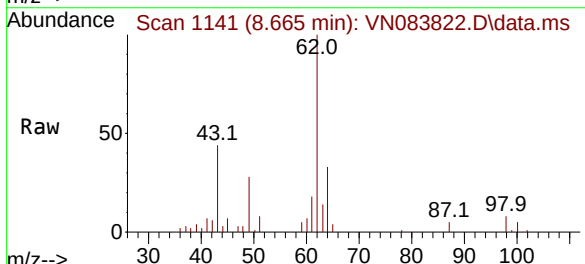
Manual Integrations
APPROVED

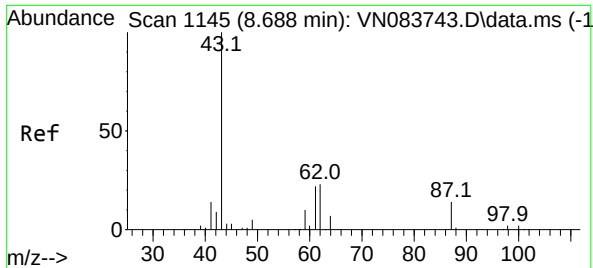
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#42
1,2-Dichloroethane
Concen: 20.212 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion:	62	Resp:	66962
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.6





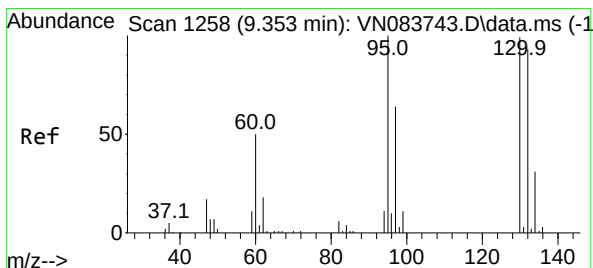
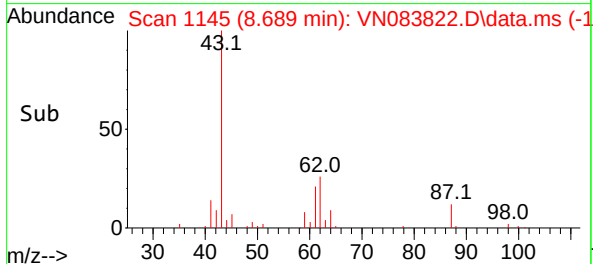
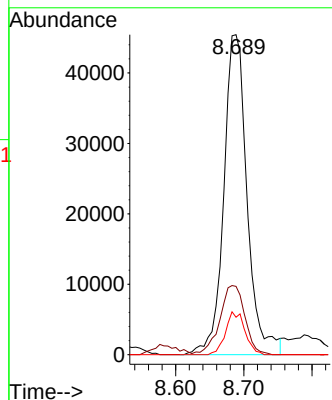
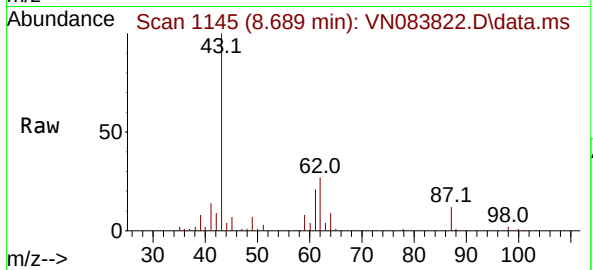
#43
Isopropyl Acetate
Concen: 22.401 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 43 Resp: 10854
Ion Ratio Lower Upper
43 100
61 23.2 19.4 29.0
87 11.1 9.8 14.6

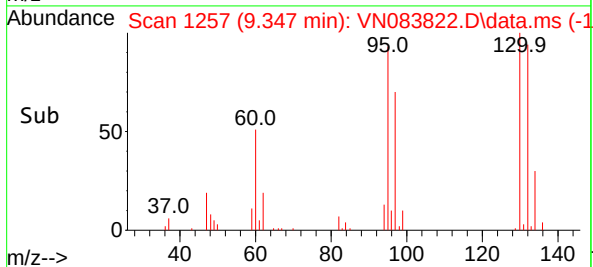
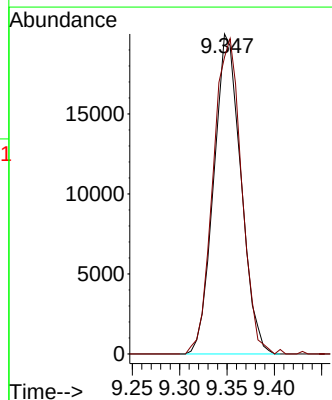
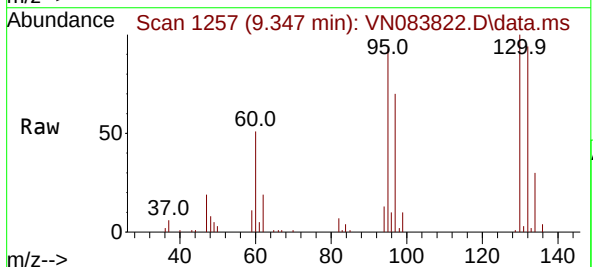
Manual Integrations
APPROVED

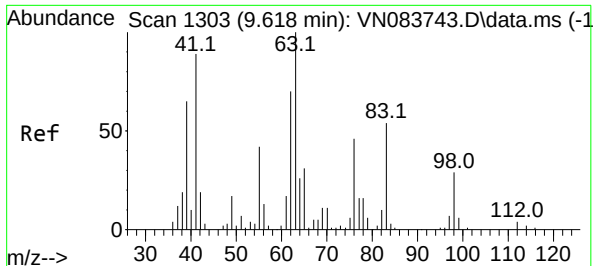
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#44
Trichloroethene
Concen: 19.415 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion:130 Resp: 39864
Ion Ratio Lower Upper
130 100
95 92.8 0.0 200.4





#45

1,2-Dichloropropane

Concen: 19.649 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 63 Resp: 42100

Ion Ratio Lower Upper

63 100

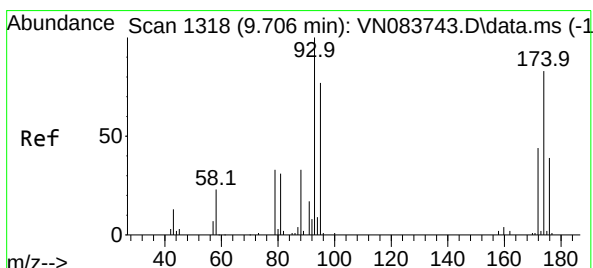
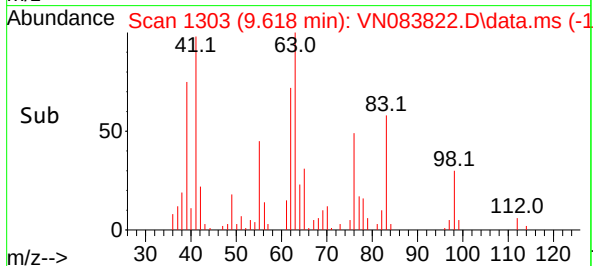
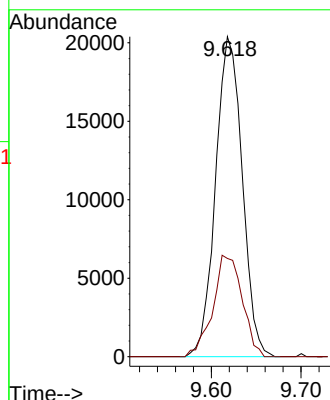
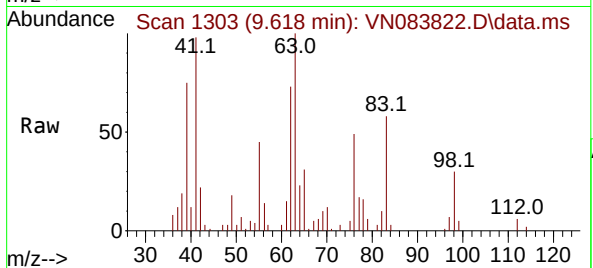
65 30.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#46

Dibromomethane

Concen: 20.474 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

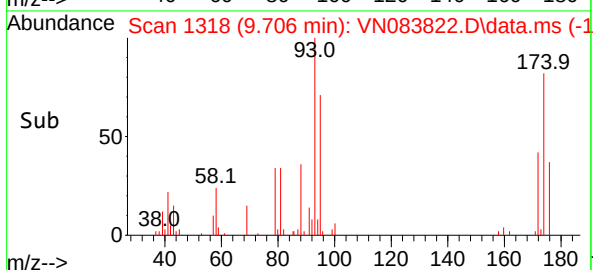
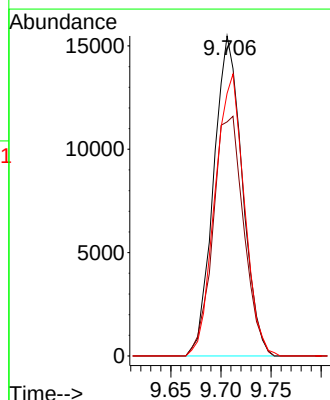
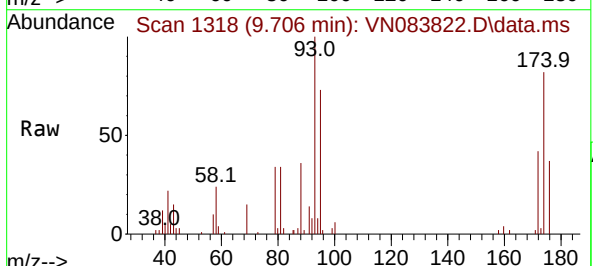
Tgt Ion: 93 Resp: 30731

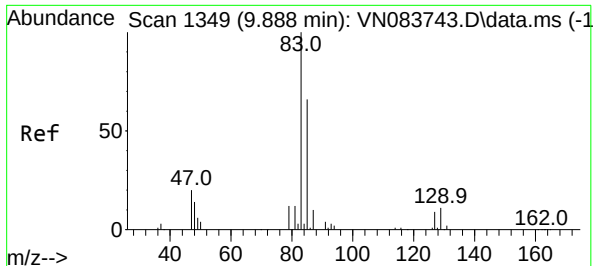
Ion Ratio Lower Upper

93 100

95 80.3 65.3 97.9

174 90.0 71.0 106.4





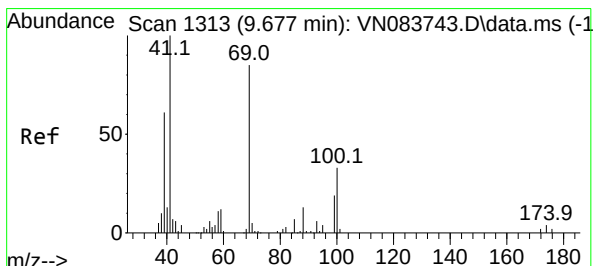
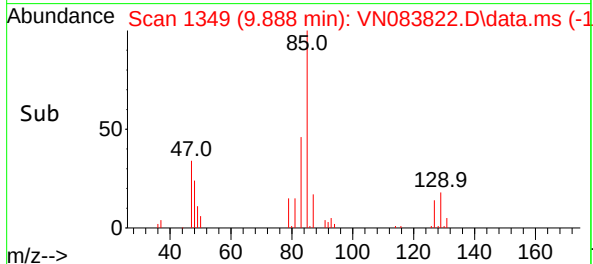
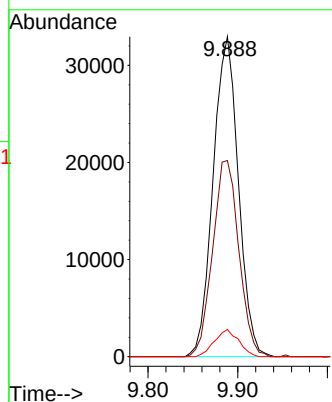
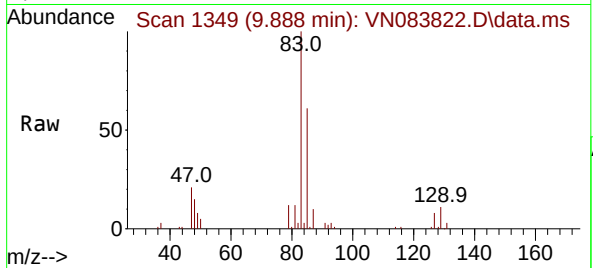
#47
Bromodichloromethane
Concen: 19.822 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 83 Resp: 64392
Ion Ratio Lower Upper
83 100
85 61.3 51.8 77.8
127 8.5 6.6 9.8

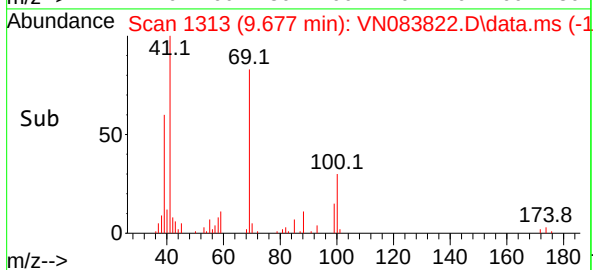
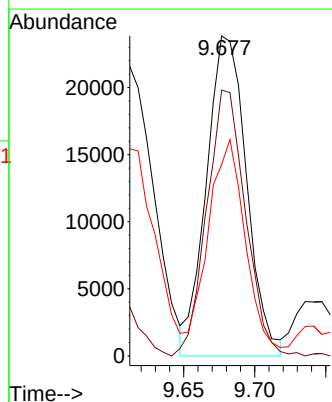
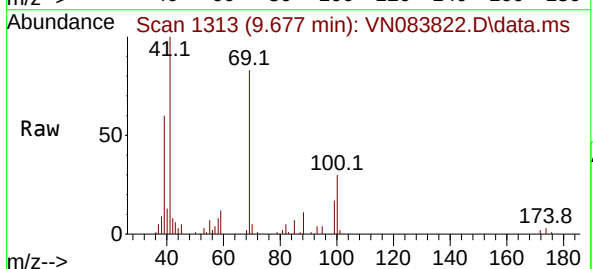
Manual Integrations
APPROVED

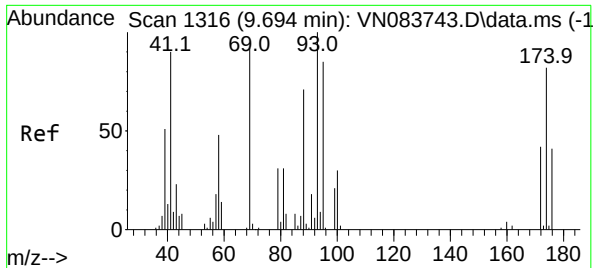
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#48
Methyl methacrylate
Concen: 20.405 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

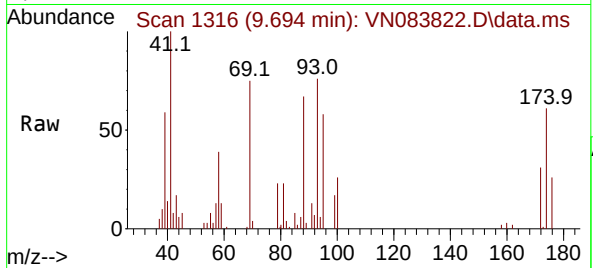
Tgt Ion: 41 Resp: 46909
Ion Ratio Lower Upper
41 100
69 79.9 64.3 96.5
39 63.7 48.9 73.3





#49
1,4-Dioxane
Concen: 425.385 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

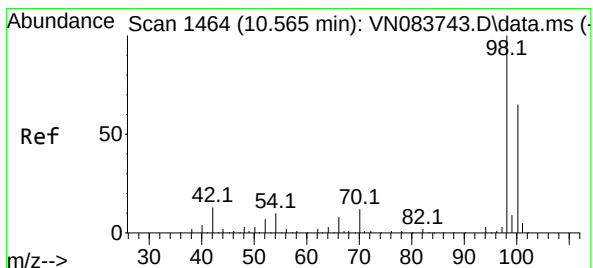
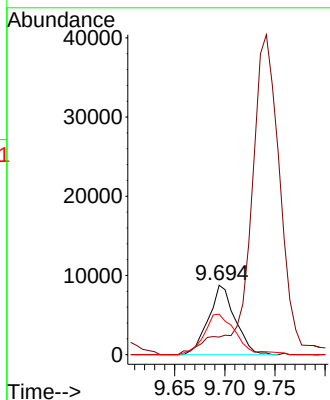
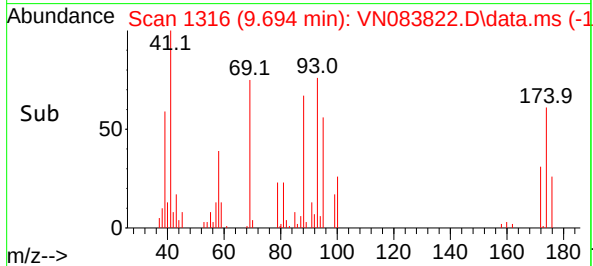
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



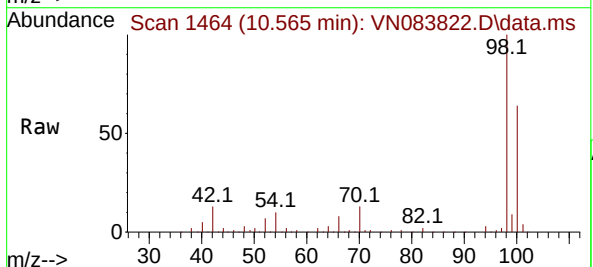
Tgt Ion: 88 Resp: 1608
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.1 57.1 85.7

Manual Integrations
APPROVED

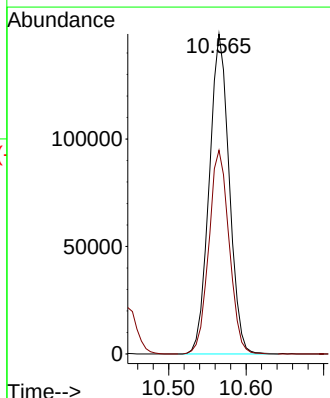
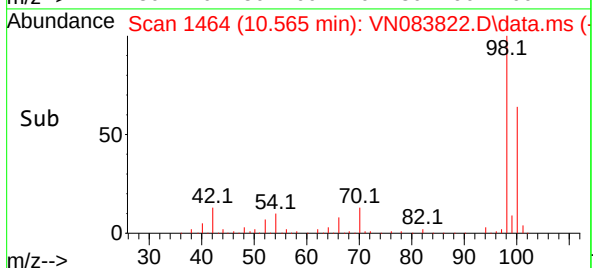
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

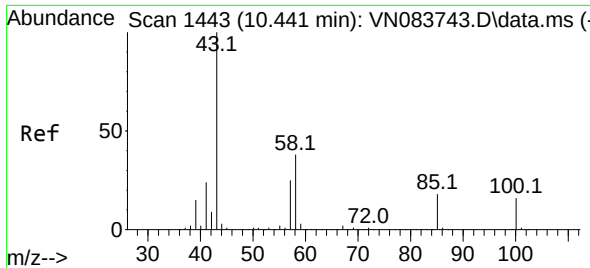


#50
Toluene-d8
Concen: 39.378 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



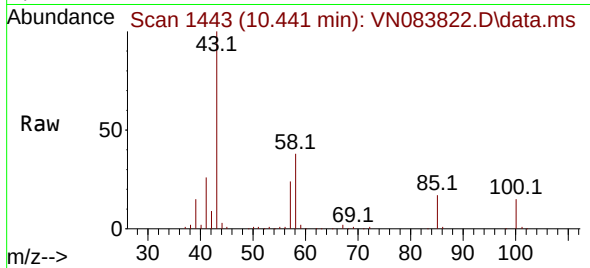
Tgt Ion: 98 Resp: 266428
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 103.125 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

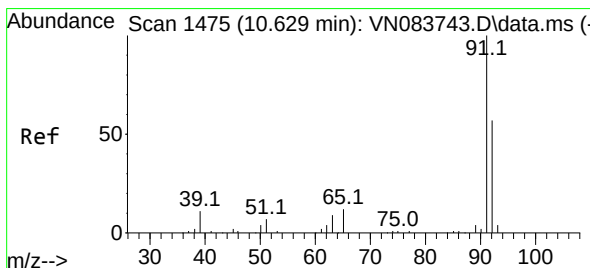
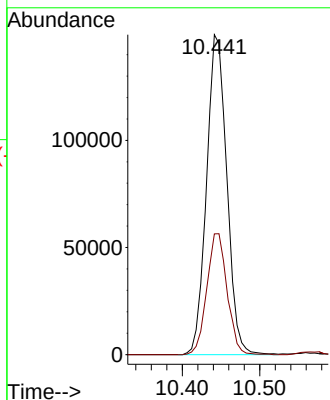
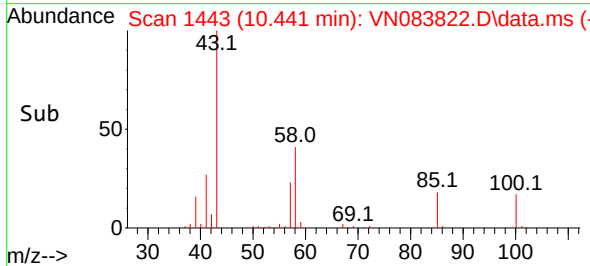
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



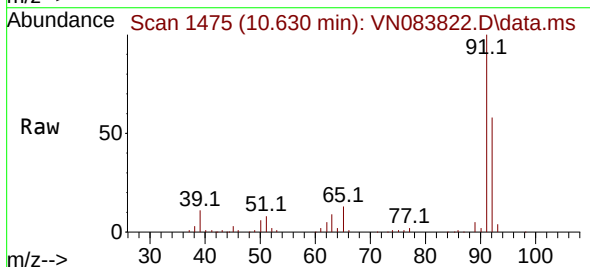
Tgt Ion: 43 Resp: 27200
Ion Ratio Lower Upper
43 100
58 37.8 31.6 47.4

Manual Integrations
APPROVED

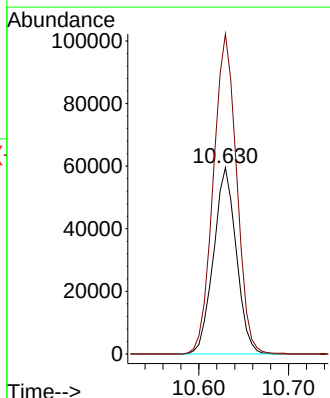
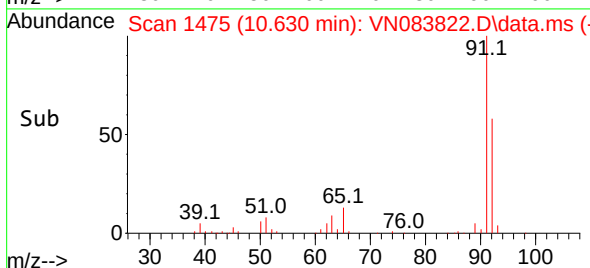
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

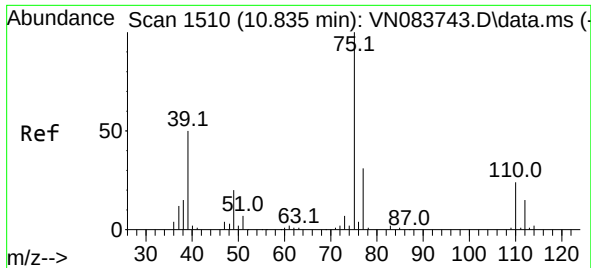


#52
Toluene
Concen: 19.315 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



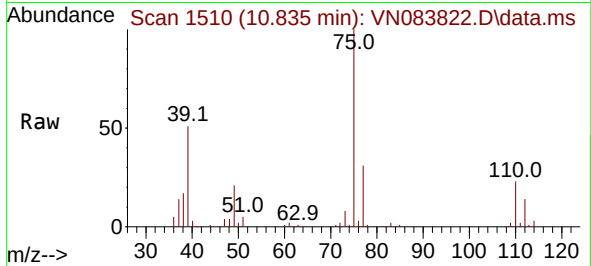
Tgt Ion: 92 Resp: 104751
Ion Ratio Lower Upper
92 100
91 175.8 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 19.467 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

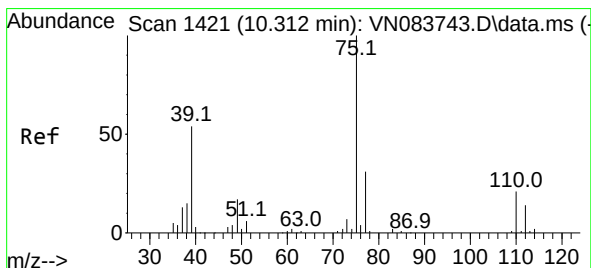
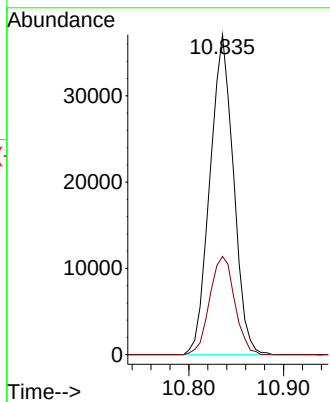
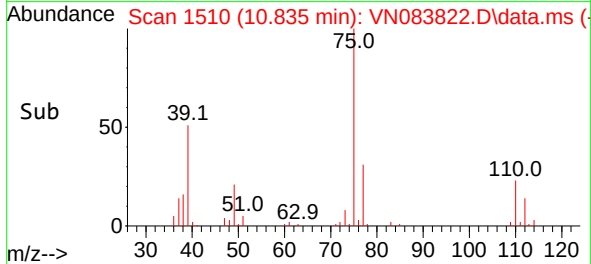
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 75 Resp: 64099
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6

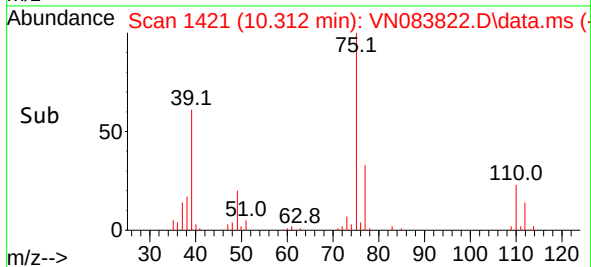
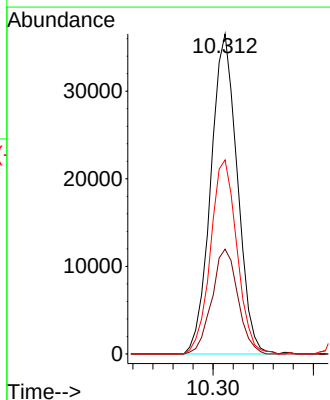
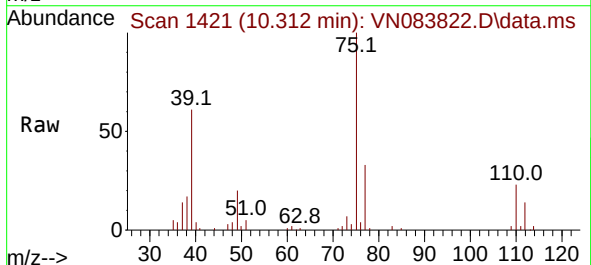
Manual Integrations
APPROVED

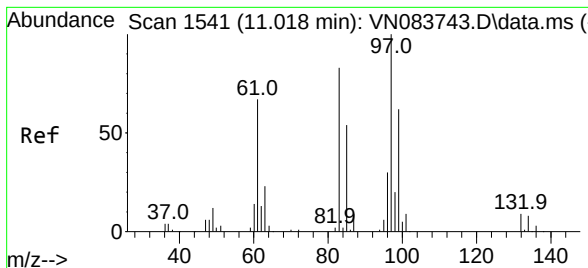
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#54
cis-1,3-Dichloropropene
Concen: 19.372 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

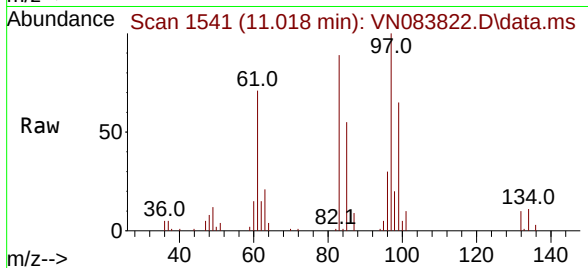
Tgt Ion: 75 Resp: 67004
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.6
39 60.7 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 19.229 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

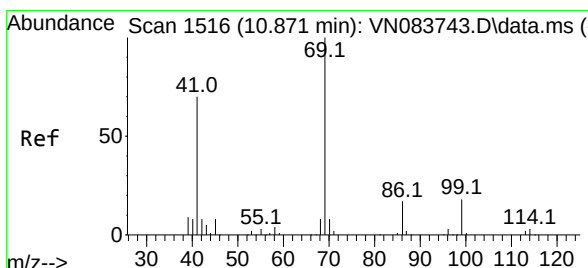
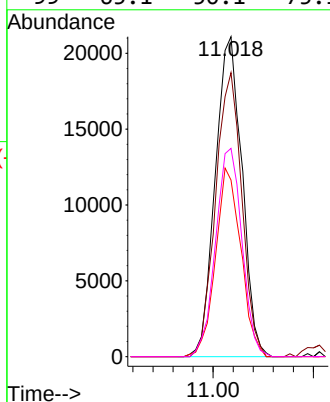
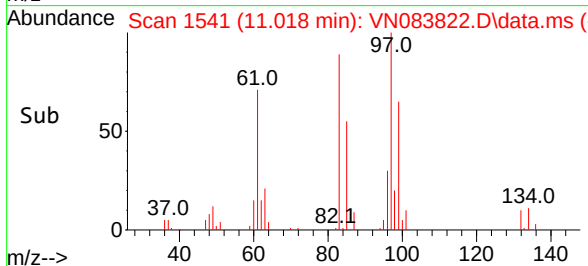
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



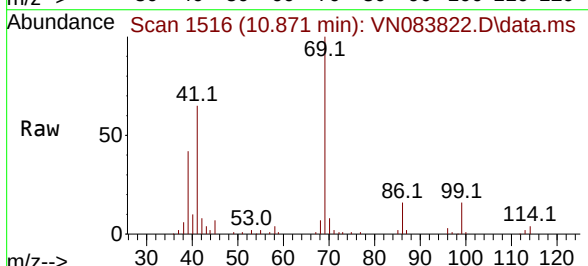
Tgt Ion:	97	Resp:	3893
Ion Ratio	100	Lower	Upper
97	100		
83	88.7	67.5	101.3
85	55.2	44.2	66.2
99	65.1	50.1	75.1

Manual Integrations
APPROVED

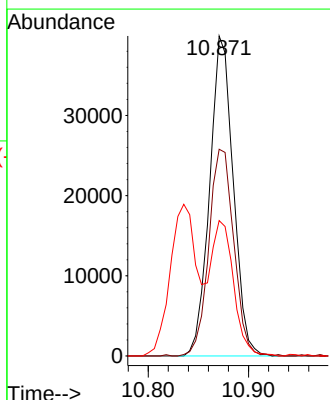
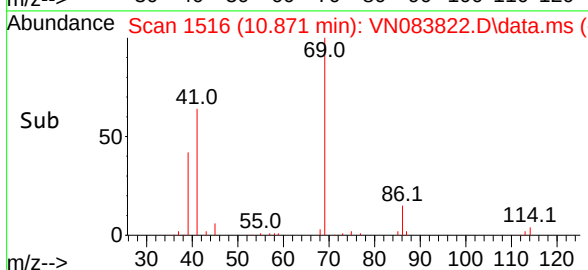
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

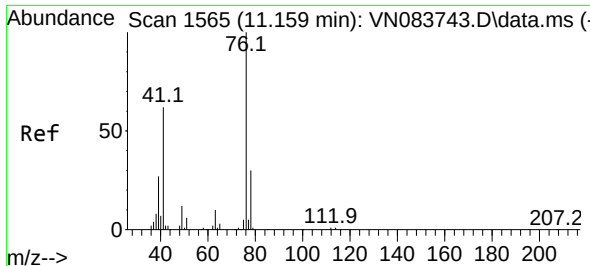


#56
Ethyl methacrylate
Concen: 20.925 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



Tgt Ion:	69	Resp:	65182
Ion Ratio	100	Lower	Upper
69	100		
41	68.6	53.9	80.9
39	42.5	32.6	48.8





#57

1,3-Dichloropropane

Concen: 20.167 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 76 Resp: 7017

Ion Ratio Lower Upper

76 100

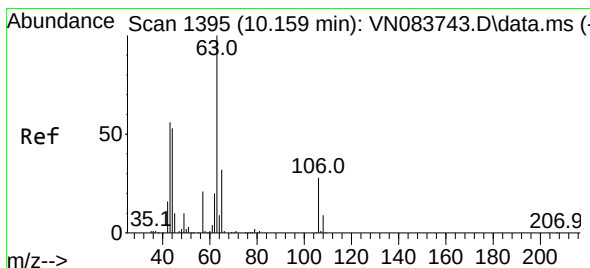
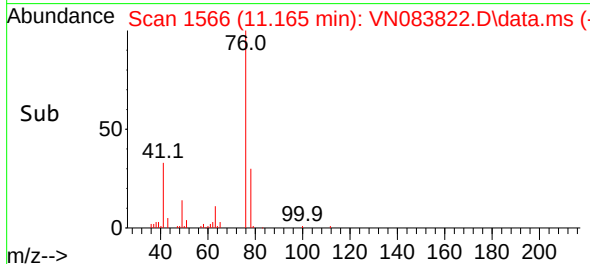
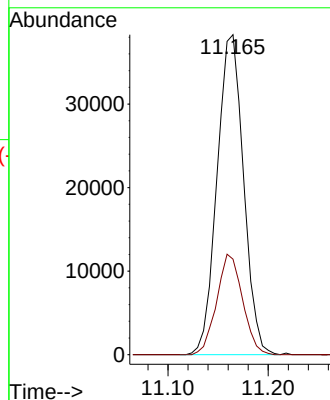
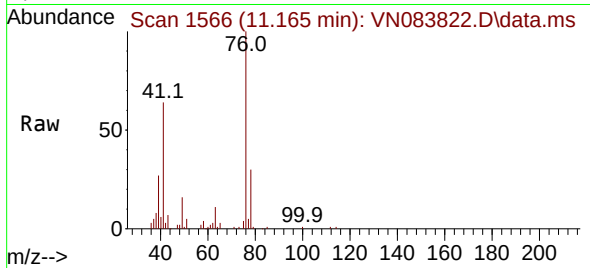
78 30.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 94.269 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083822.D

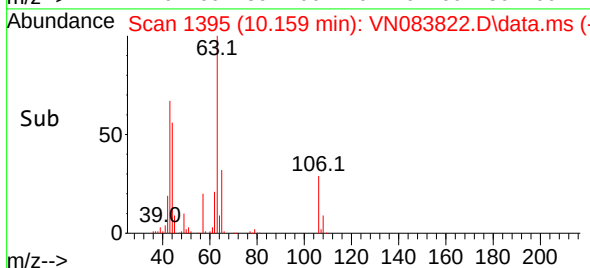
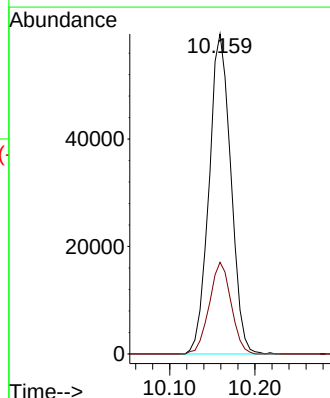
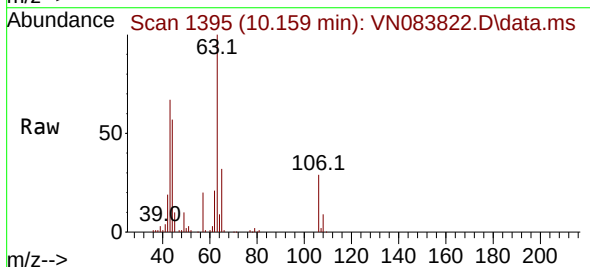
Acq: 12 Sep 2024 10:56

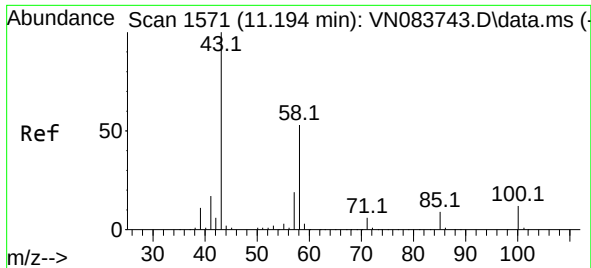
Tgt Ion: 63 Resp: 105809

Ion Ratio Lower Upper

63 100

106 28.7 23.3 34.9





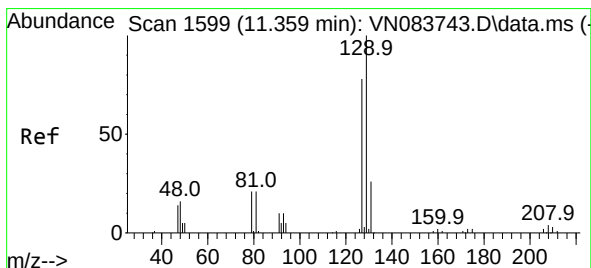
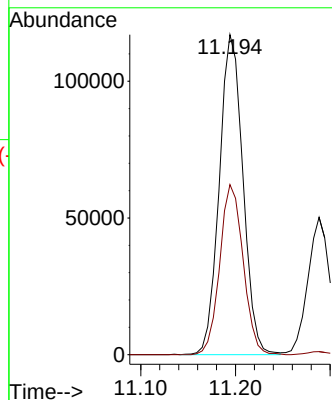
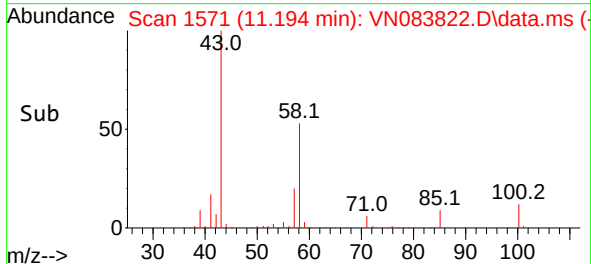
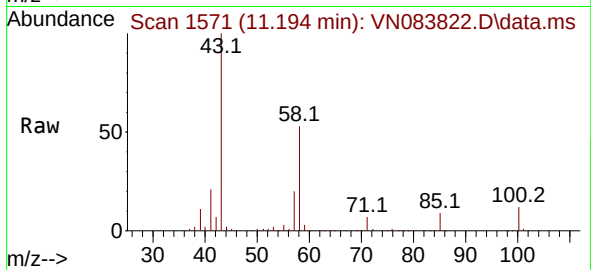
#59
2-Hexanone
Concen: 104.192 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 43 Resp: 20328
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.5

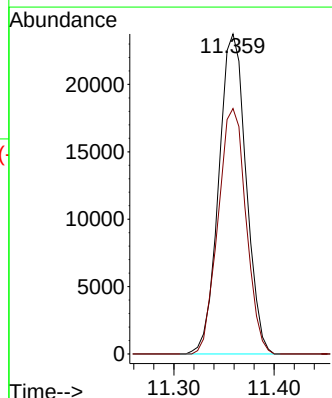
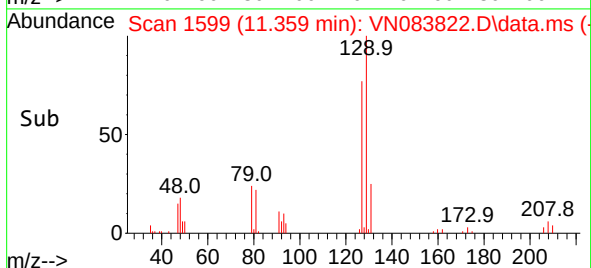
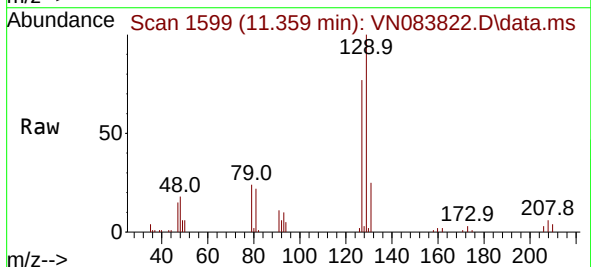
Manual Integrations
APPROVED

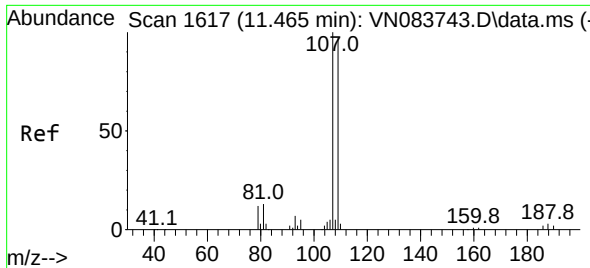
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#60
Dibromochloromethane
Concen: 19.821 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion:129 Resp: 44913
Ion Ratio Lower Upper
129 100
127 78.3 39.0 116.9





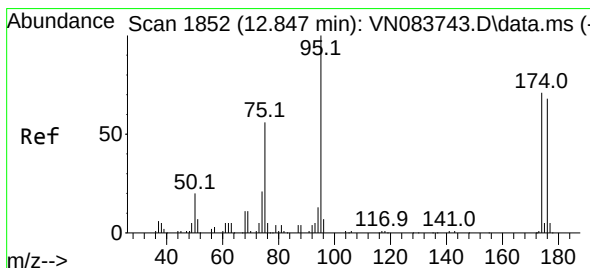
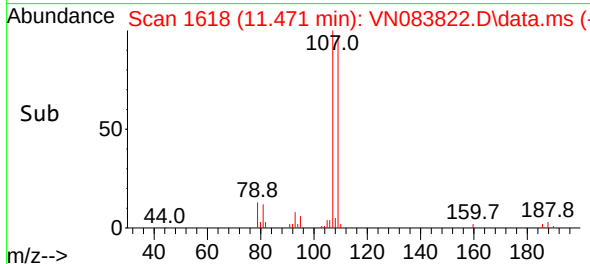
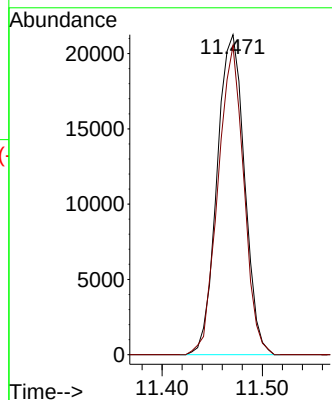
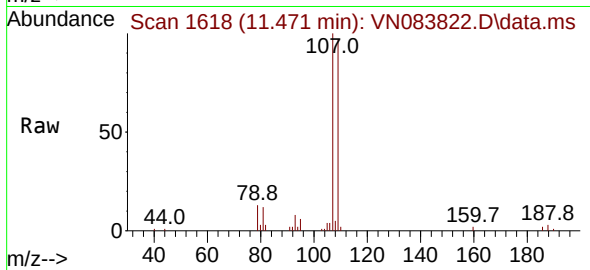
#61
1,2-Dibromoethane
Concen: 20.025 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:107 Resp: 40434
Ion Ratio Lower Upper
107 100
109 90.7 75.6 113.4

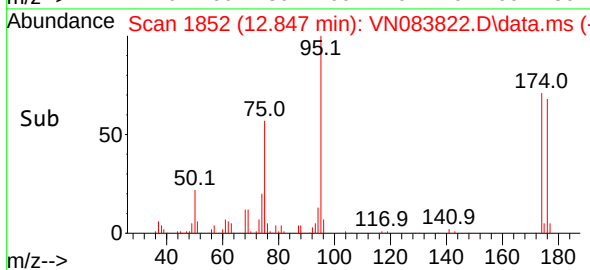
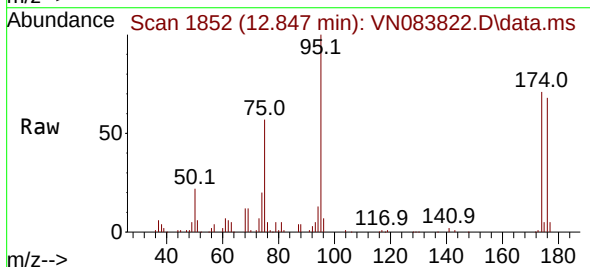
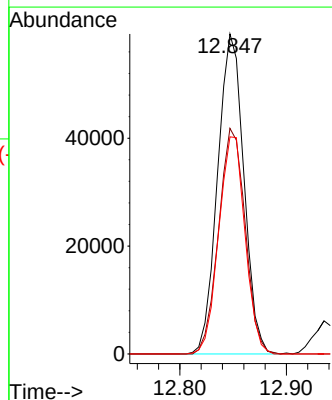
Manual Integrations
APPROVED

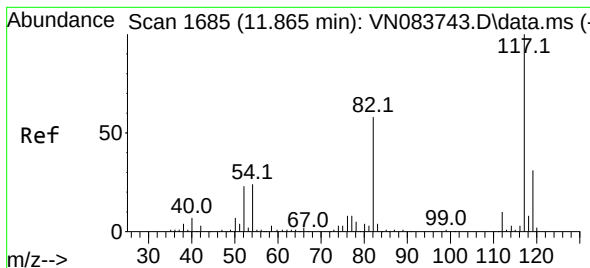
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#62
4-Bromofluorobenzene
Concen: 36.284 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion: 95 Resp: 101285
Ion Ratio Lower Upper
95 100
174 71.5 0.0 139.8
176 68.3 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion:117 Resp: 26111

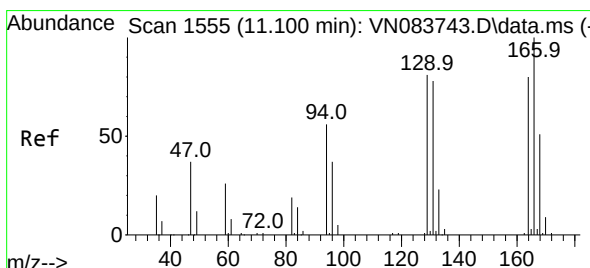
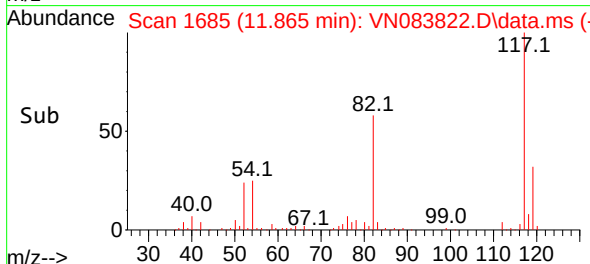
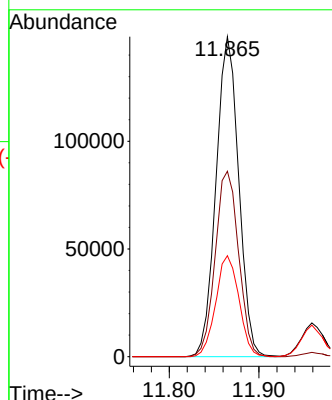
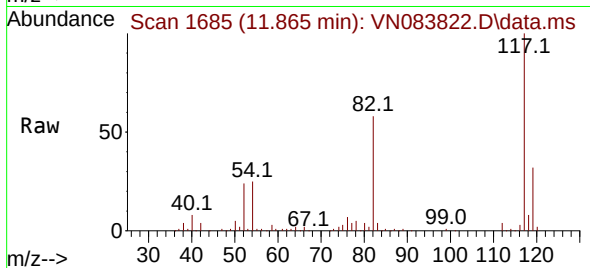
Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.0
119	31.5	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#64

Tetrachloroethene

Concen: 18.991 ug/l

RT: 11.106 min Scan# 1556

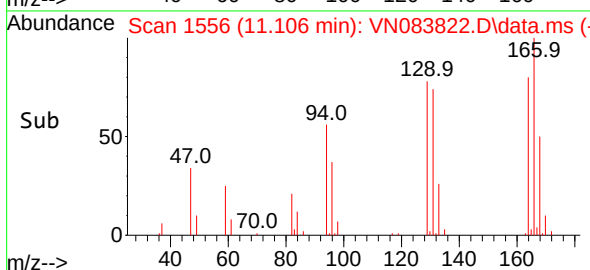
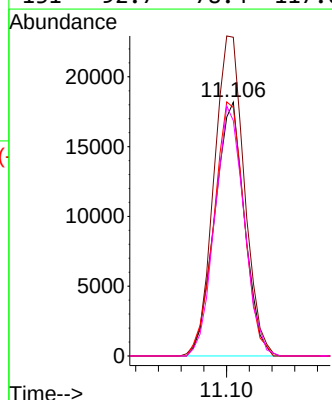
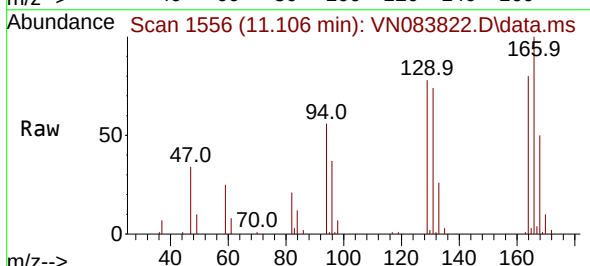
Delta R.T. 0.006 min

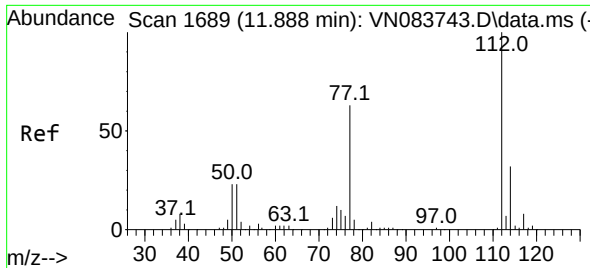
Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Tgt Ion:164 Resp: 32977

Ion	Ratio	Lower	Upper
164	100		
166	125.6	103.7	155.5
129	97.9	79.9	119.9
131	92.7	78.4	117.6





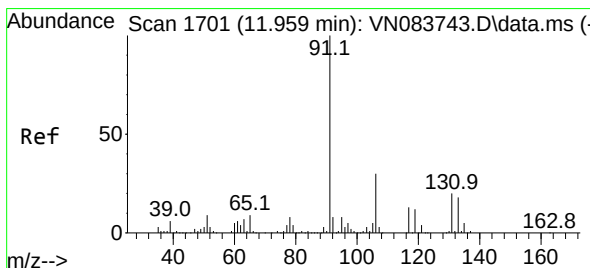
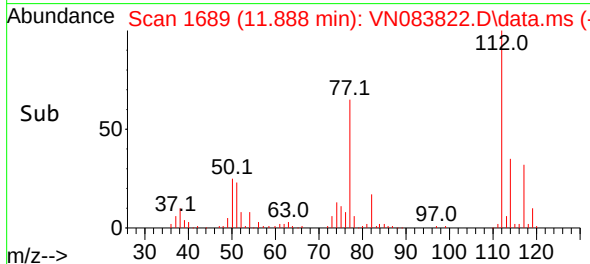
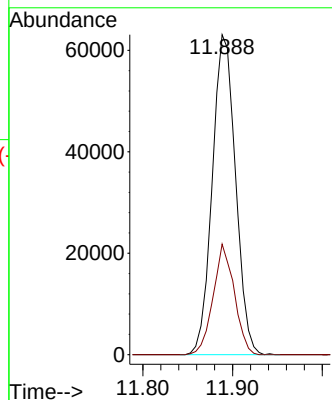
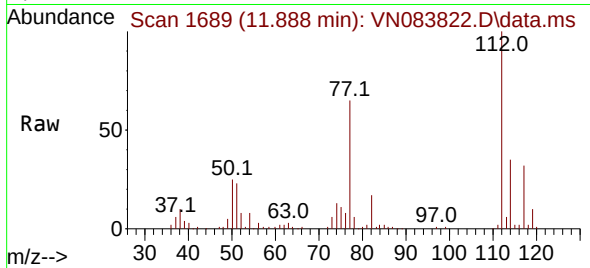
#65
Chlorobenzene
Concen: 19.549 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:112 Resp: 113450
Ion Ratio Lower Upper
112 100
114 34.6 25.7 38.5

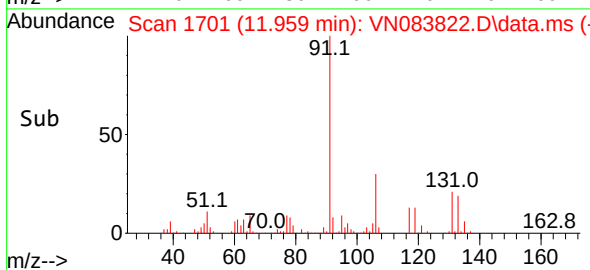
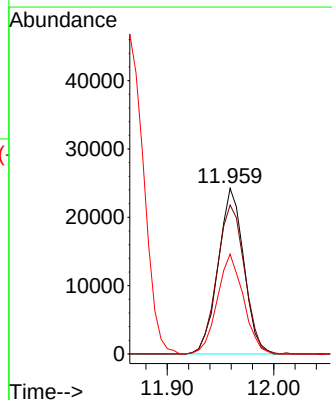
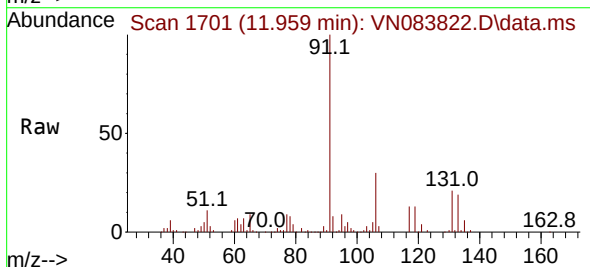
Manual Integrations
APPROVED

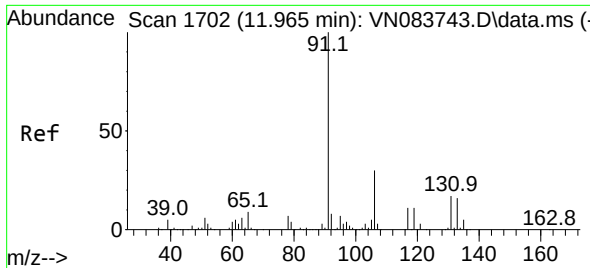
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.145 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

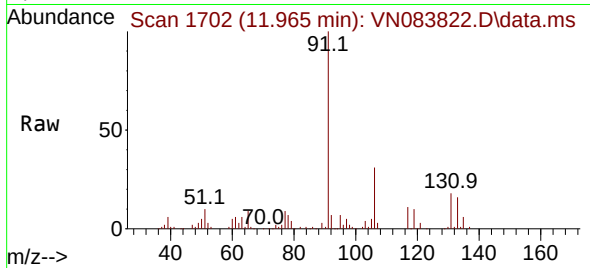
Tgt Ion:131 Resp: 40528
Ion Ratio Lower Upper
131 100
133 96.8 47.5 142.6
119 61.4 31.6 94.8





#67
Ethyl Benzene
Concen: 19.836 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

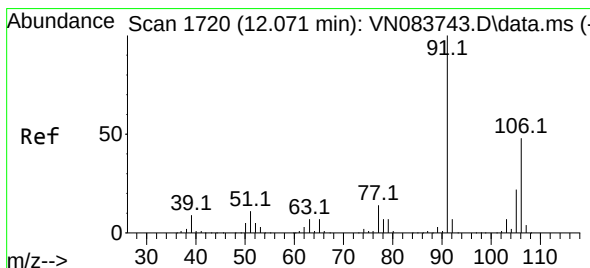
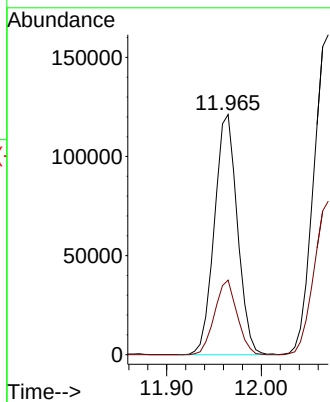
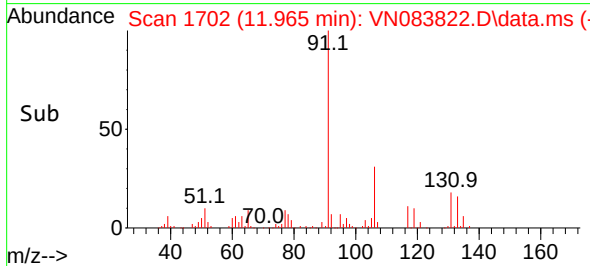
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



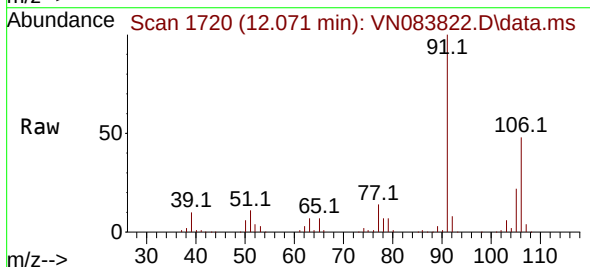
Tgt Ion: 91 Resp: 204492
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5

Manual Integrations
APPROVED

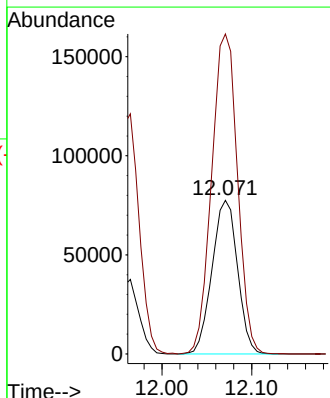
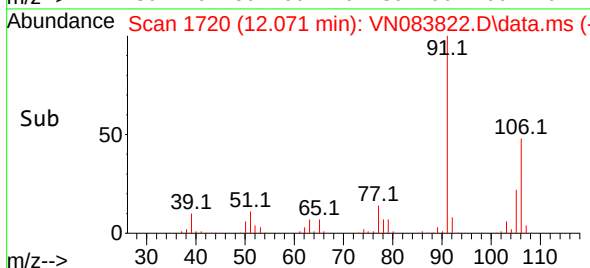
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

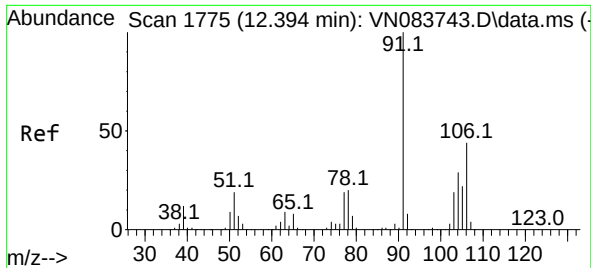


#68
m/p-Xylenes
Concen: 39.876 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



Tgt Ion:106 Resp: 152623
Ion Ratio Lower Upper
106 100
91 211.7 169.2 253.8





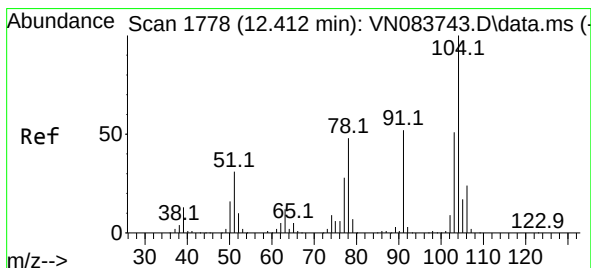
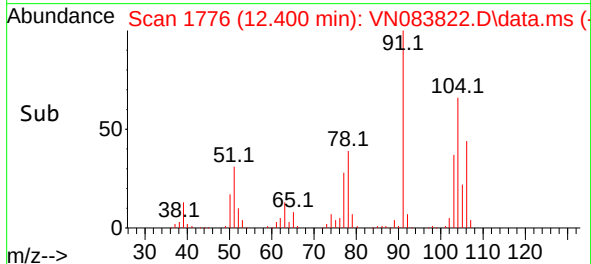
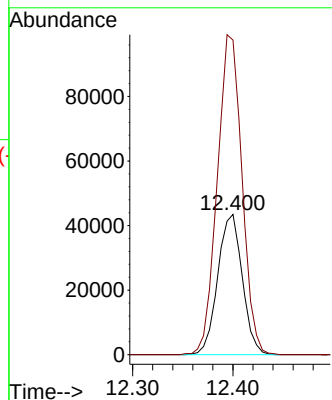
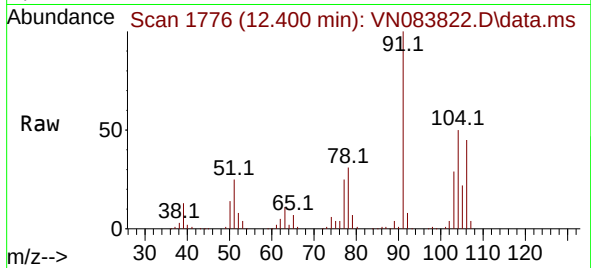
#69
o-Xylene
Concen: 19.907 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:106 Resp: 73759
Ion Ratio Lower Upper
106 100
91 230.2 112.9 338.6

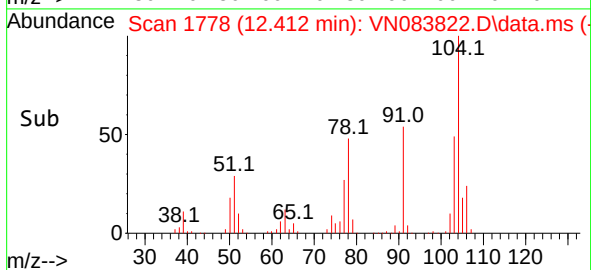
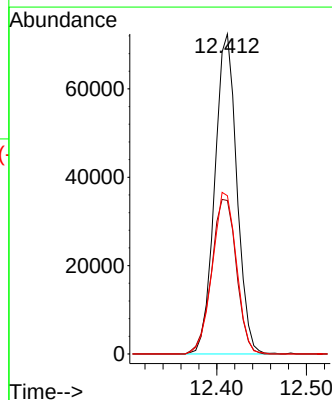
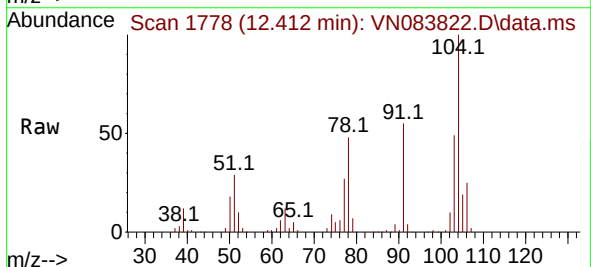
Manual Integrations
APPROVED

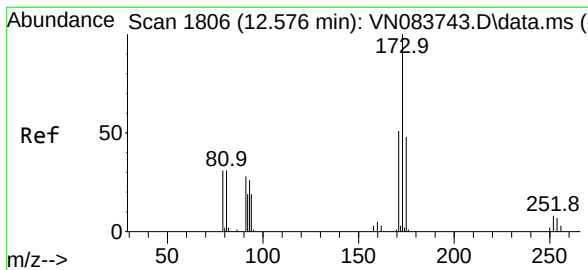
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#70
Styrene
Concen: 20.327 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

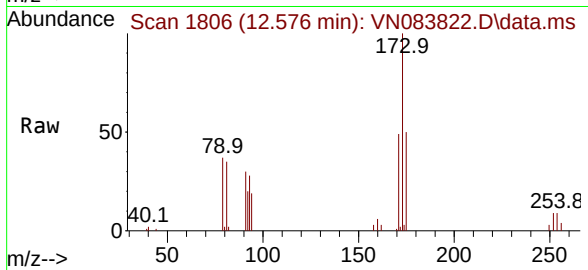
Tgt Ion:104 Resp: 123607
Ion Ratio Lower Upper
104 100
78 54.6 43.3 64.9
103 55.1 43.4 65.2





#71
Bromoform
Concen: 20.270 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

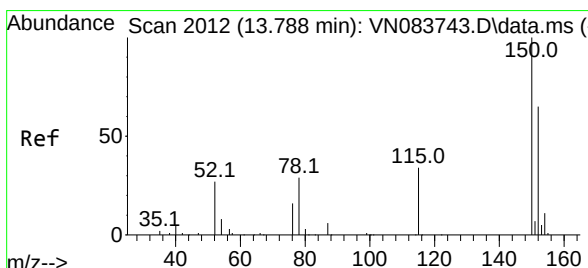
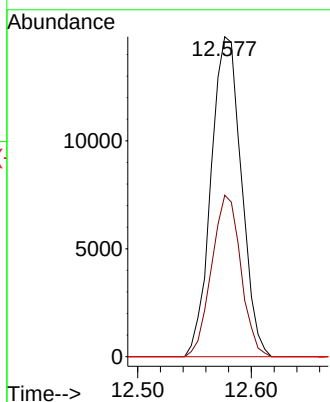
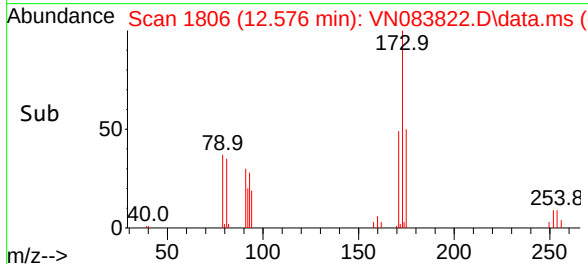
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



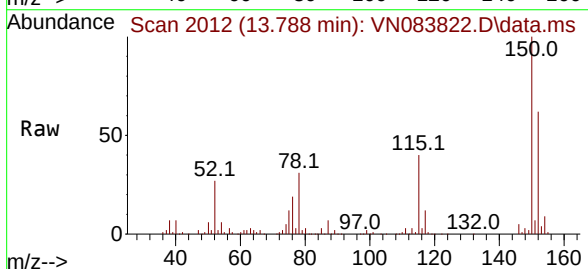
Tgt Ion:173 Resp: 27480
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

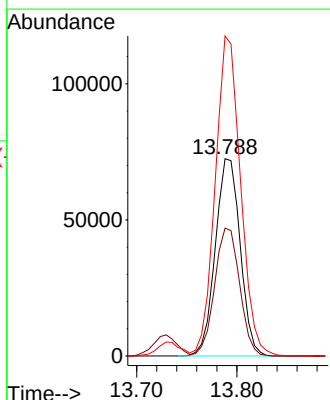
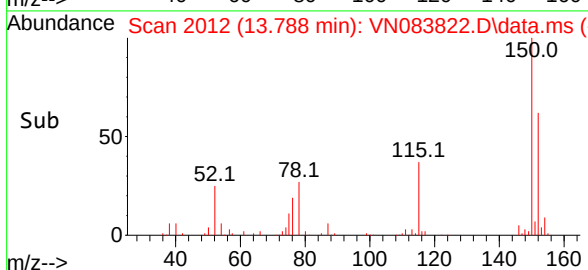
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

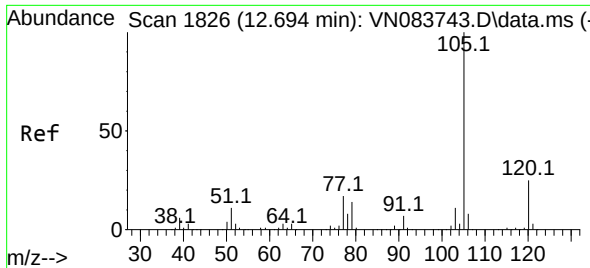


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



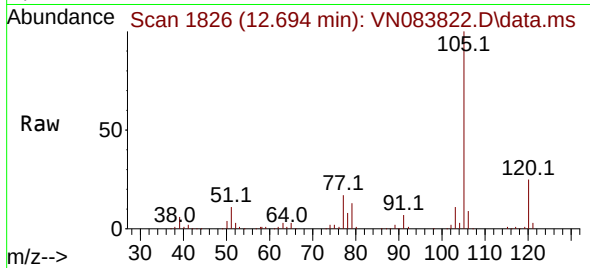
Tgt Ion:152 Resp: 124726
Ion Ratio Lower Upper
152 100
115 65.2 32.2 96.6
150 165.3 0.0 348.6





#73
Isopropylbenzene
Concen: 19.650 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

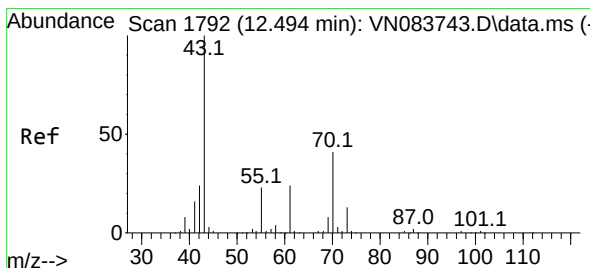
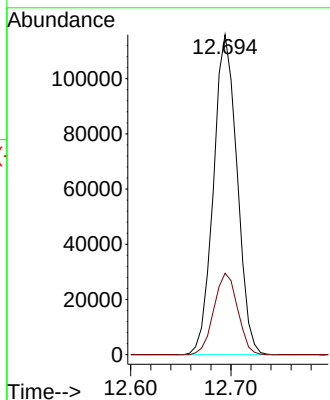
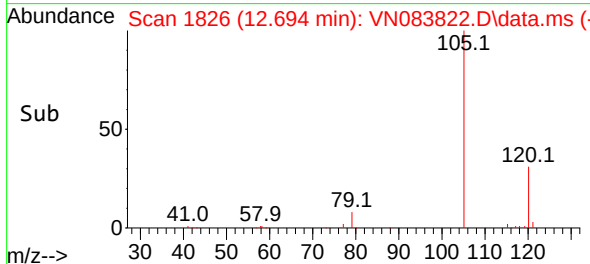
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



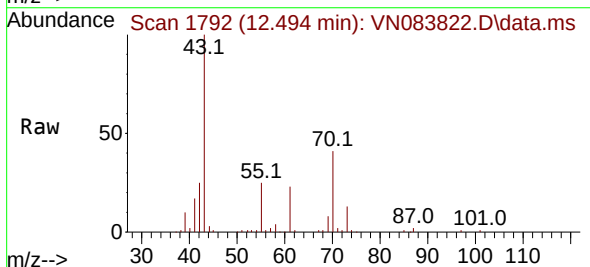
Tgt Ion:105 Resp: 189619
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8

Manual Integrations
APPROVED

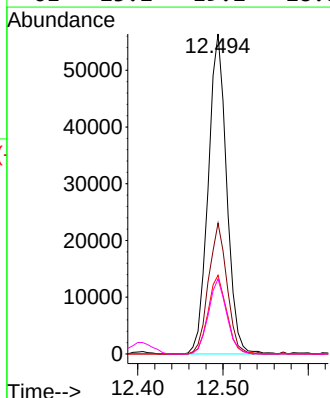
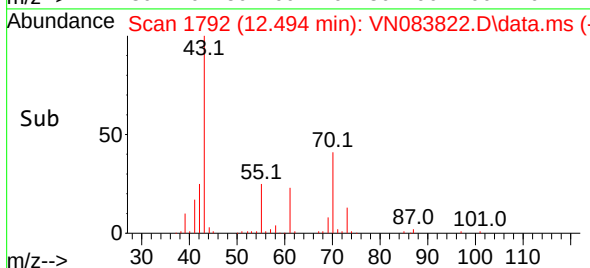
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

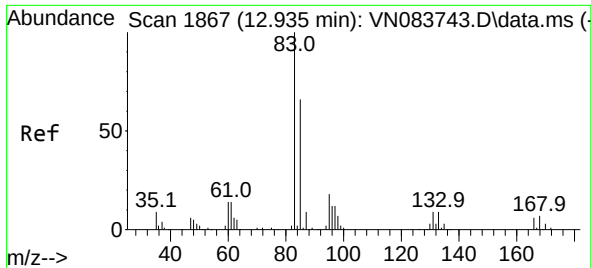


#74
N-ethyl acetate
Concen: 20.632 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



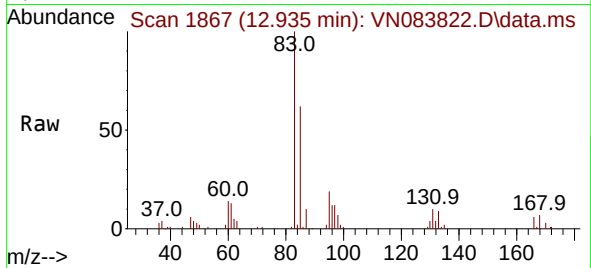
Tgt Ion: 43 Resp: 84941
Ion Ratio Lower Upper
43 100
70 40.6 34.5 51.7
55 24.7 18.6 28.0
61 23.2 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.730 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

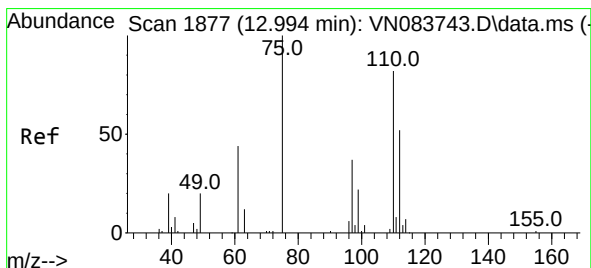
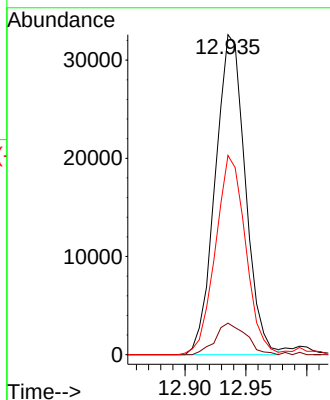
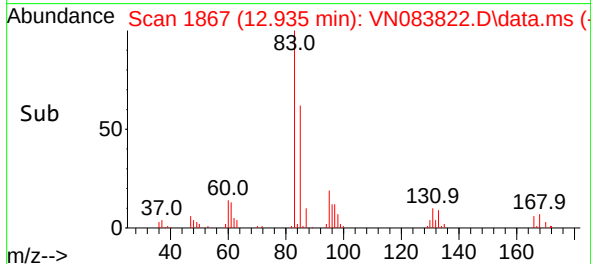
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 83 Resp: 55940
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 62.5 31.9 95.9

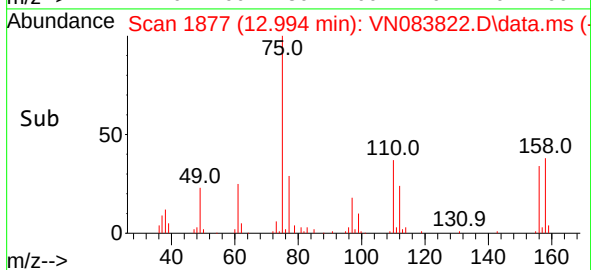
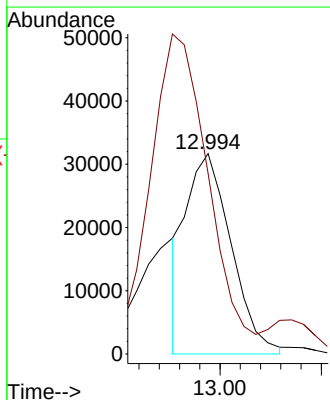
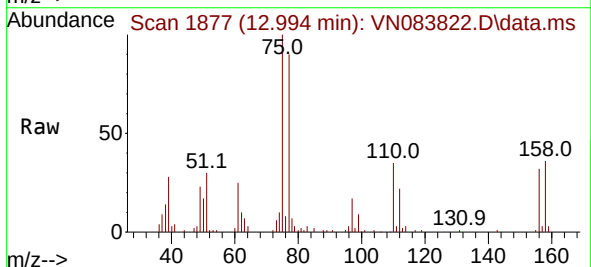
Manual Integrations
APPROVED

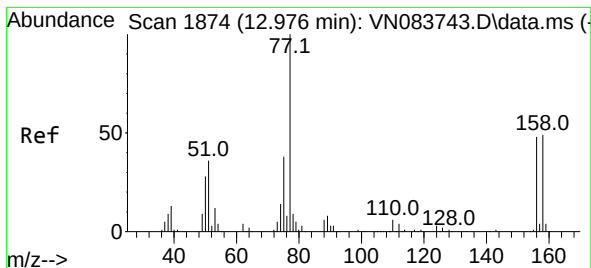
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#76
1,2,3-Trichloropropane
Concen: 19.542 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion: 75 Resp: 49181
Ion Ratio Lower Upper
75 100
77 207.0 95.2 285.6





#77

Bromobenzene

Concen: 18.523 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

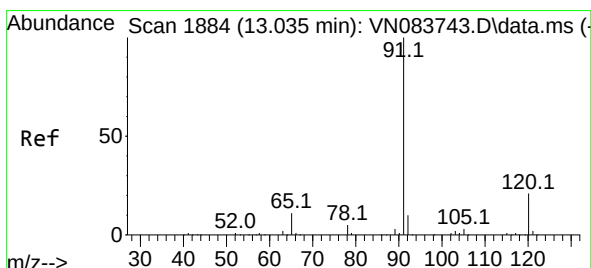
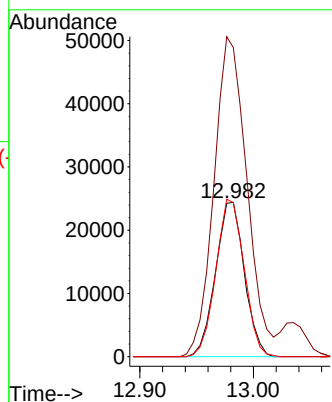
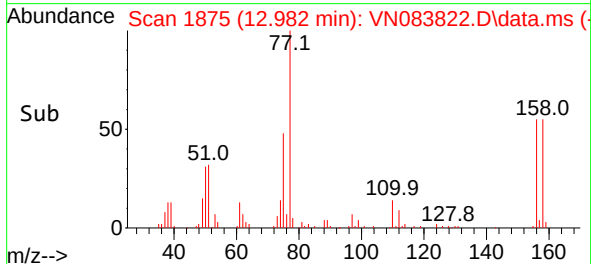
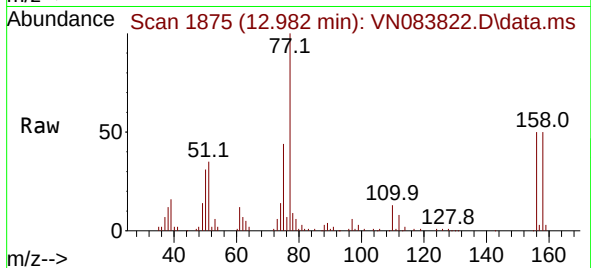
Tgt Ion:	156	Resp:	43029
Ion Ratio	Lower	Upper	
156	100		
77	236.6	114.3	343.1
158	99.9	48.9	146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#78

n-propylbenzene

Concen: 19.654 ug/l

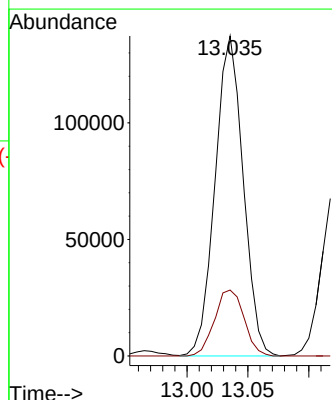
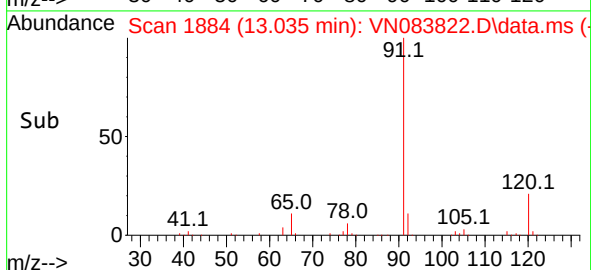
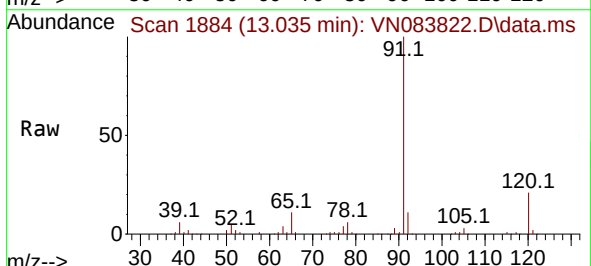
RT: 13.035 min Scan# 1884

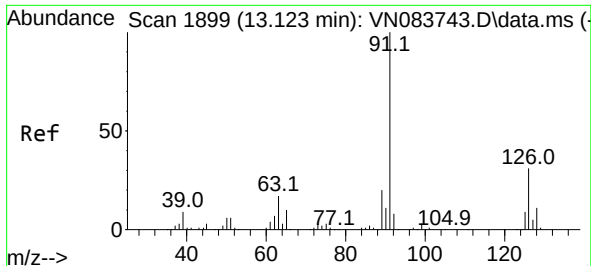
Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Tgt Ion:	91	Resp:	220668
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.0	33.0





#79

2-Chlorotoluene

Concen: 19.544 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 91 Resp: 13994

Ion Ratio Lower Upper

91 100

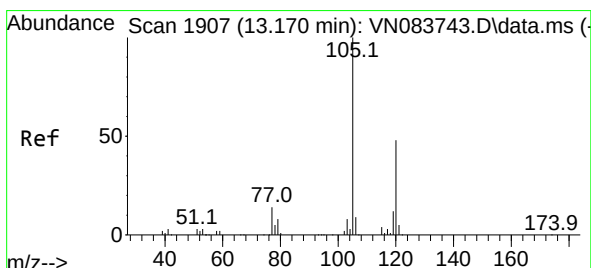
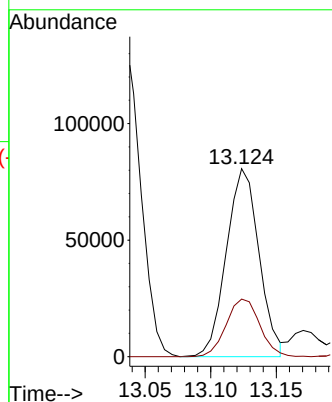
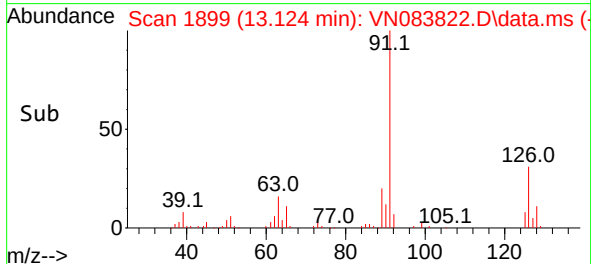
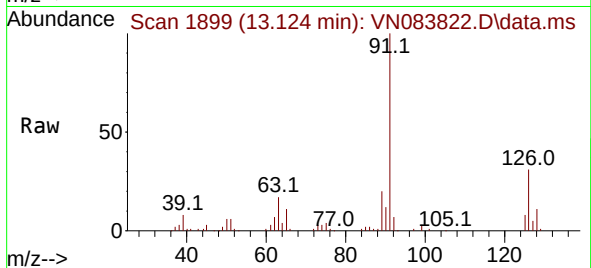
126 31.6 15.4 46.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.638 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083822.D

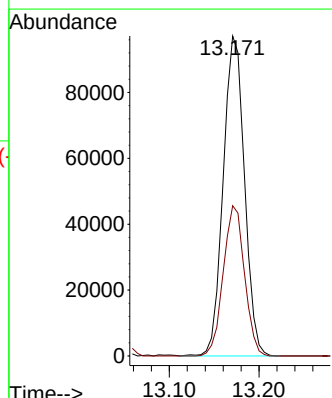
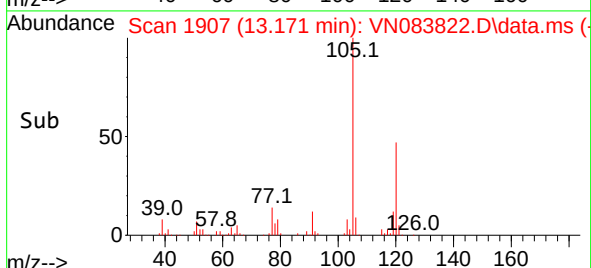
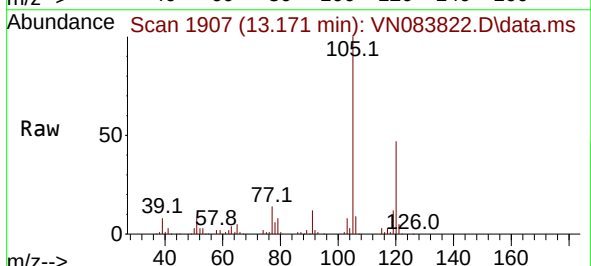
Acq: 12 Sep 2024 10:56

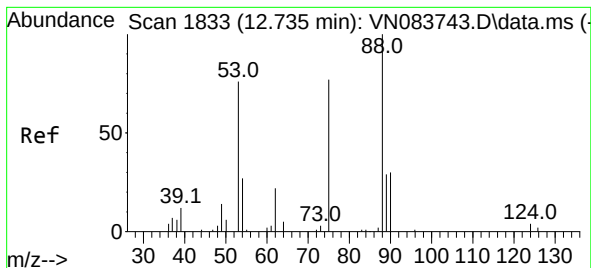
Tgt Ion:105 Resp: 159764

Ion Ratio Lower Upper

105 100

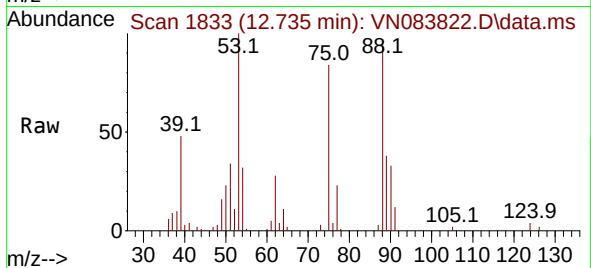
120 46.9 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.963 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

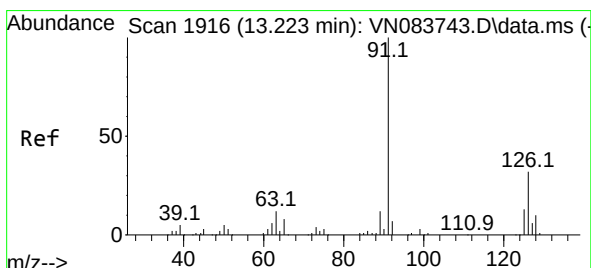
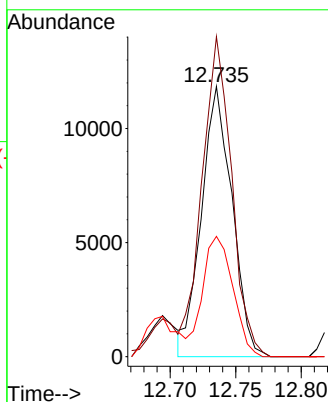
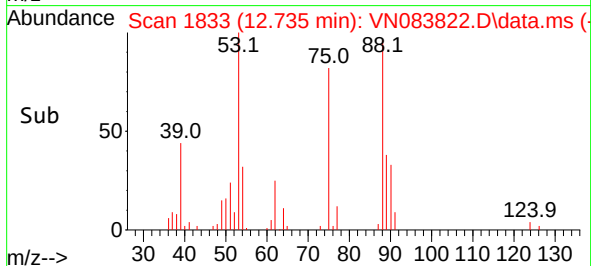
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



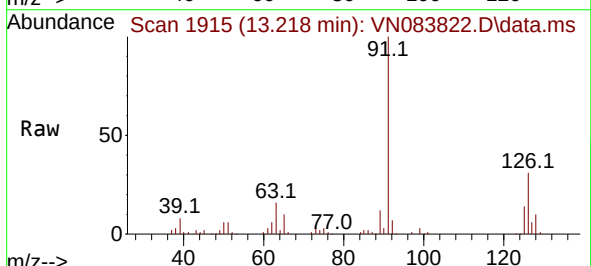
Tgt Ion: 75 Resp: 1918
Ion Ratio Lower Upper
75 100
53 115.1 81.2 121.8
89 44.3 35.7 53.5

Manual Integrations
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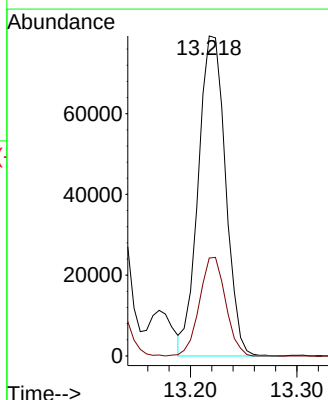
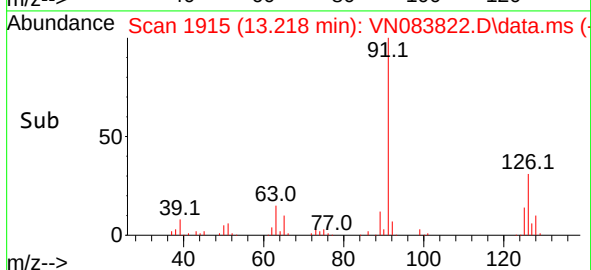
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

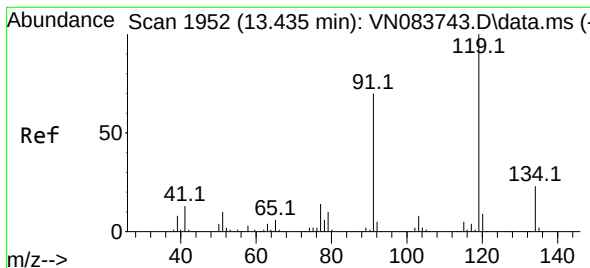


#82
4-Chlorotoluene
Concen: 19.611 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



Tgt Ion: 91 Resp: 140916
Ion Ratio Lower Upper
91 100
126 29.5 15.4 46.2





#83

tert-Butylbenzene

Concen: 19.542 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion:119 Resp: 139098

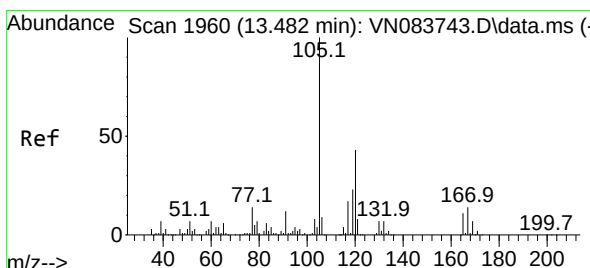
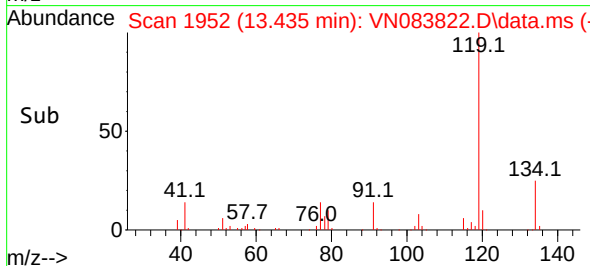
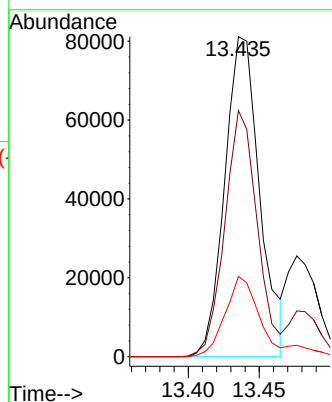
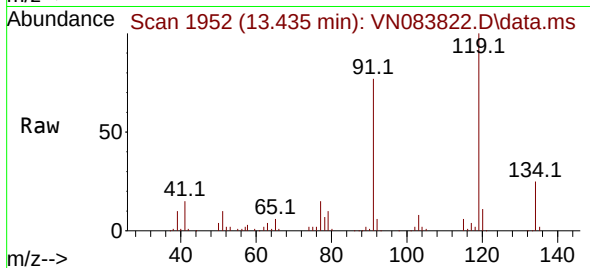
Ion	Ratio	Lower	Upper
119	100		
91	71.5	34.5	103.6
134	26.5	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#84

1,2,4-Trimethylbenzene

Concen: 19.715 ug/l

RT: 13.482 min Scan# 1960

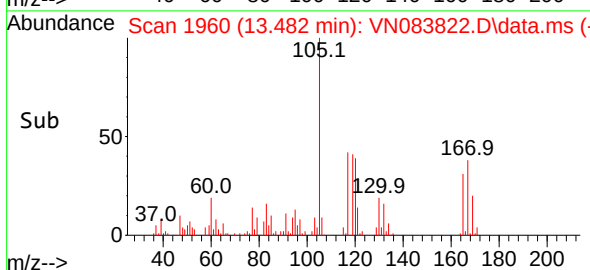
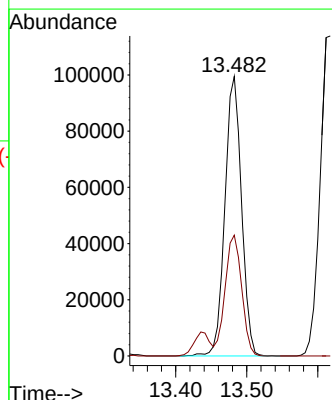
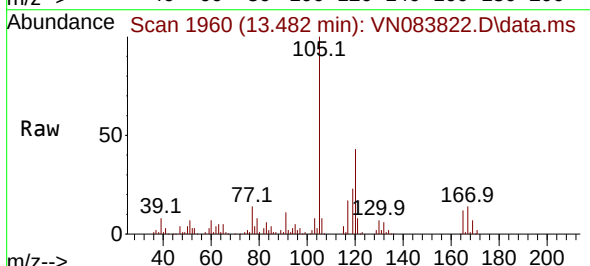
Delta R.T. 0.000 min

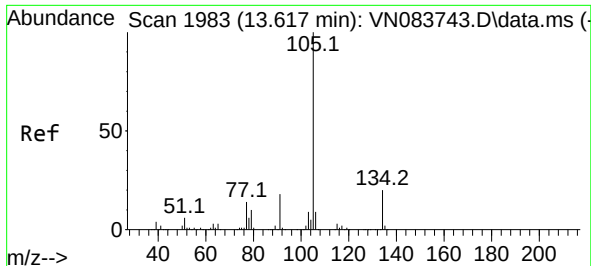
Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Tgt Ion:105 Resp: 161114

Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.8	65.4





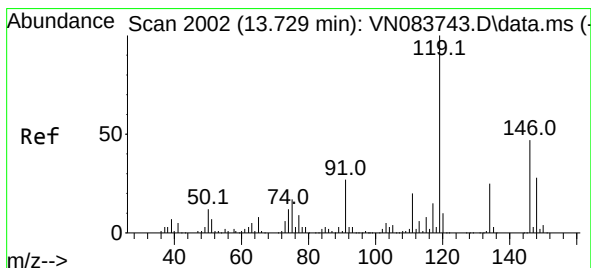
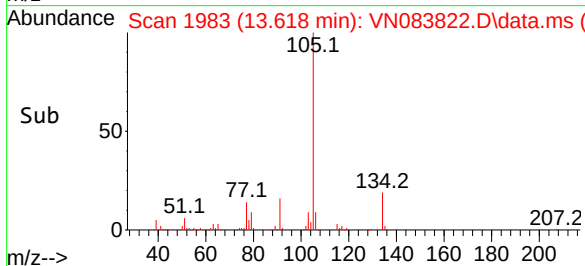
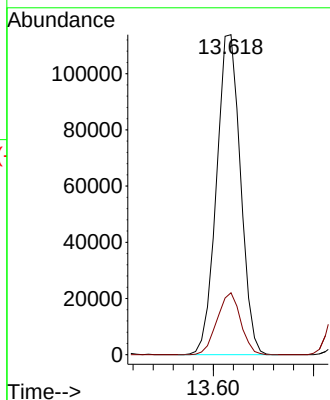
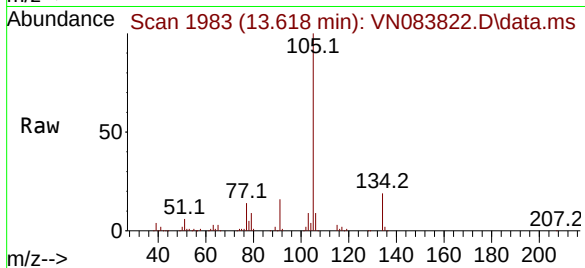
#85
 sec-Butylbenzene
 Concen: 20.021 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083822.D
 Acq: 12 Sep 2024 10:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Tgt Ion:105 Resp: 18899
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1

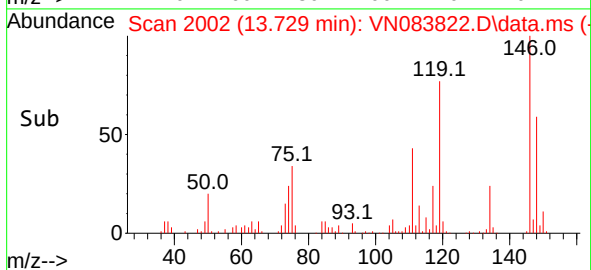
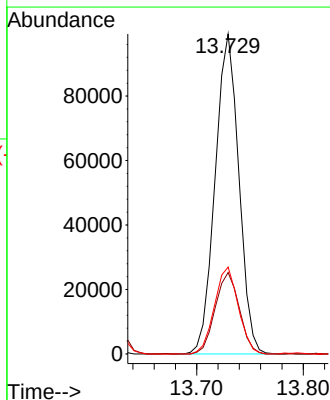
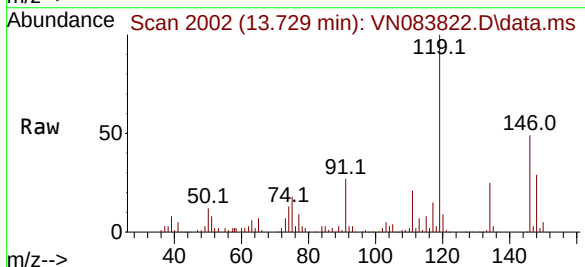
Manual Integrations
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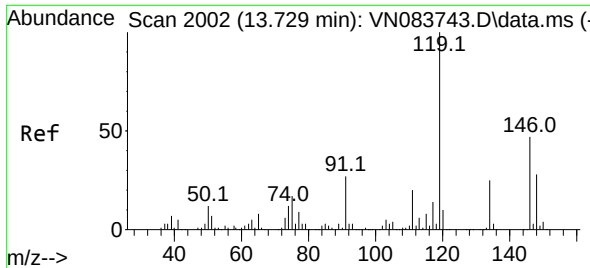
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#86
 p-Isopropyltoluene
 Concen: 19.363 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083822.D
 Acq: 12 Sep 2024 10:56

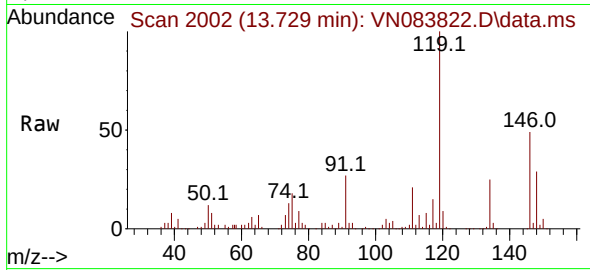
Tgt Ion:119 Resp: 153216
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 27.3 12.9 38.7





#87
 1,3-Dichlorobenzene
 Concen: 18.362 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083822.D
 Acq: 12 Sep 2024 10:56

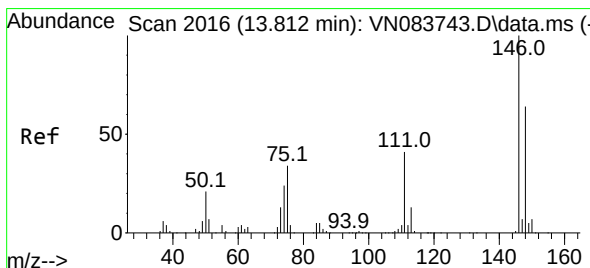
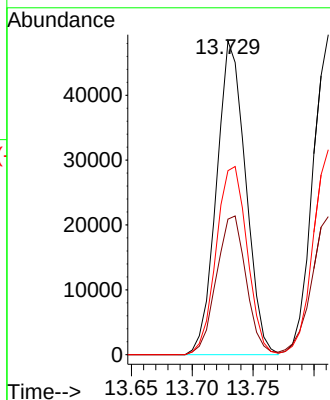
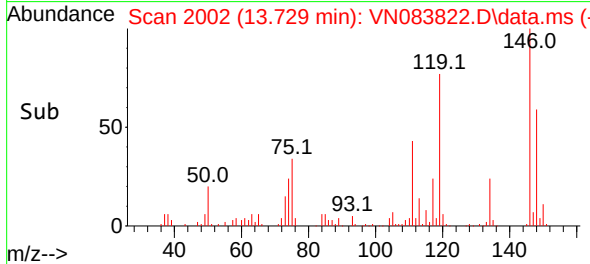
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



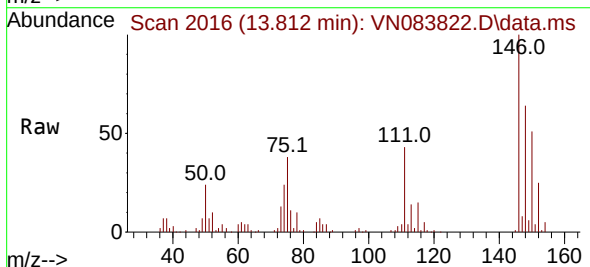
Tgt Ion:146 Resp: 80492
 Ion Ratio Lower Upper
 146 100
 111 45.3 21.7 65.1
 148 63.7 31.7 95.1

Manual Integrations
 APPROVED

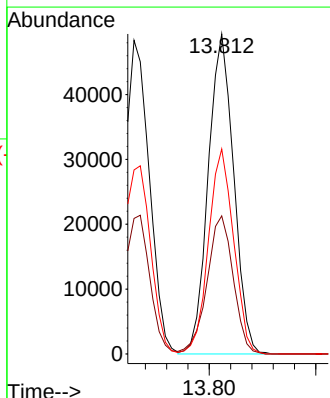
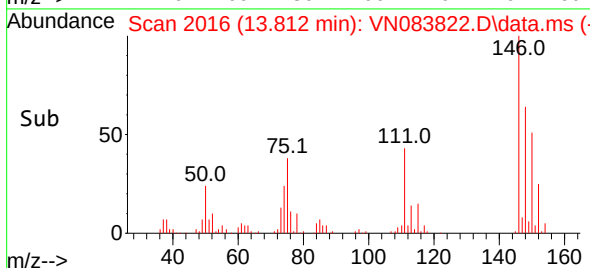
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

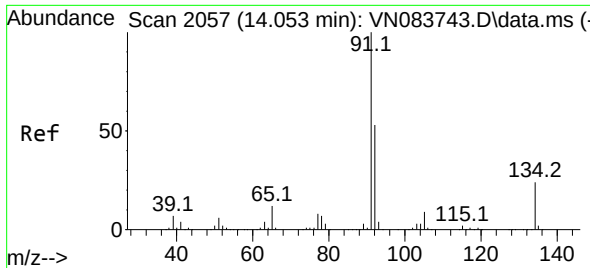


#88
 1,4-Dichlorobenzene
 Concen: 18.447 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083822.D
 Acq: 12 Sep 2024 10:56



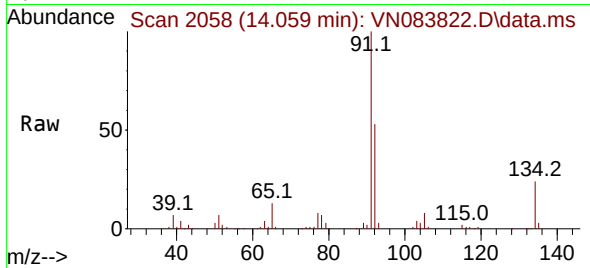
Tgt Ion:146 Resp: 81881
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.3 64.0
 148 63.3 32.0 96.2





#89
n-Butylbenzene
Concen: 18.708 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

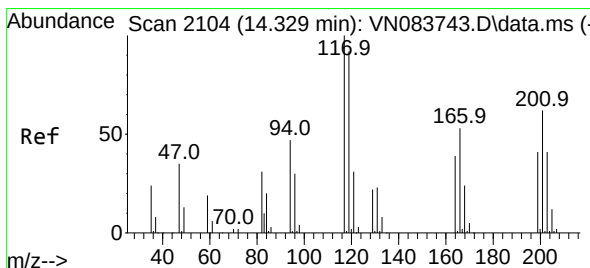
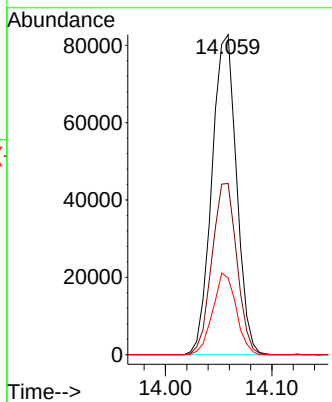
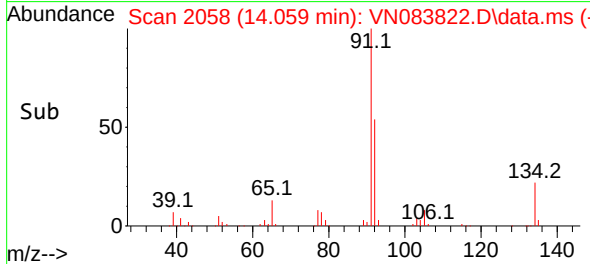
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 91 Resp: 132915
Ion Ratio Lower Upper
91 100
92 54.2 26.7 80.1
134 24.2 12.2 36.4

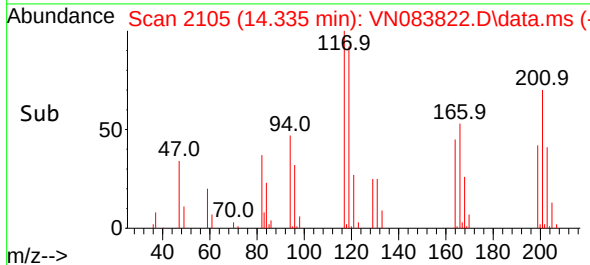
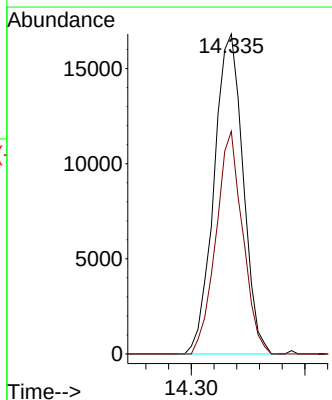
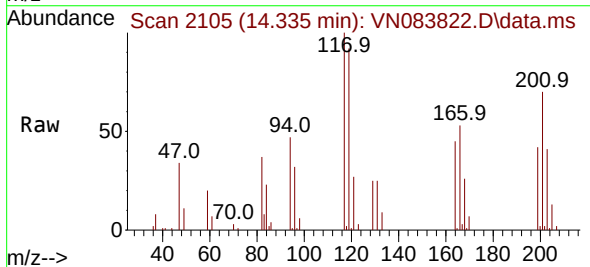
Manual Integrations
APPROVED

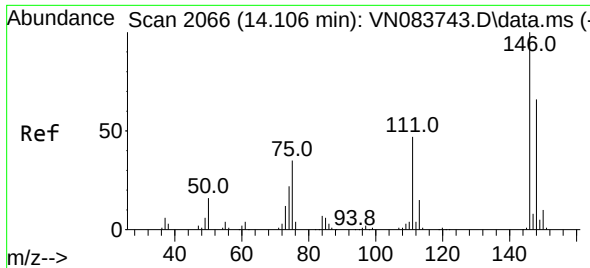
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#90
Hexachloroethane
Concen: 18.782 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

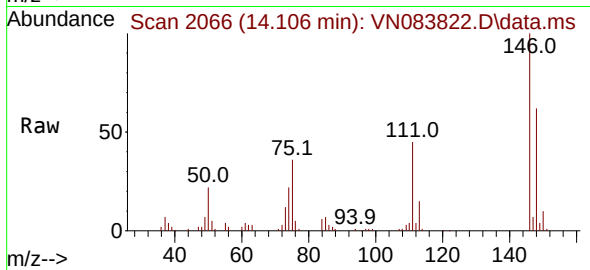
Tgt Ion:117 Resp: 29875
Ion Ratio Lower Upper
117 100
201 64.1 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 19.012 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

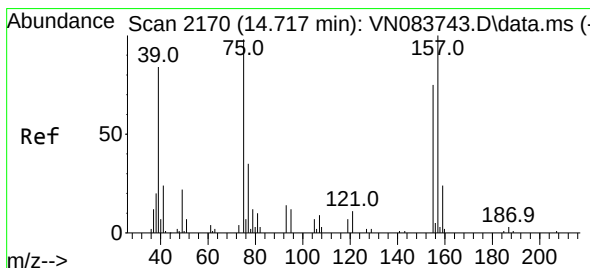
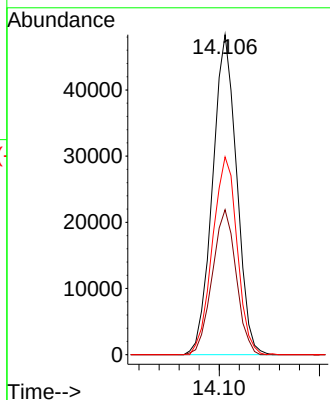
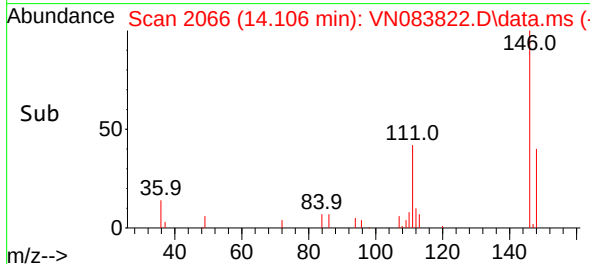
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



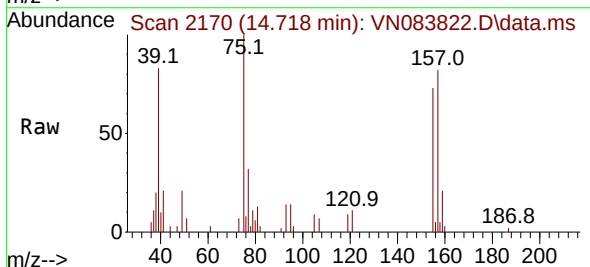
Tgt Ion:146 Resp: 8043
Ion Ratio Lower Upper
146 100
111 44.9 22.8 68.3
148 63.3 32.1 96.5

Manual Integrations
APPROVED

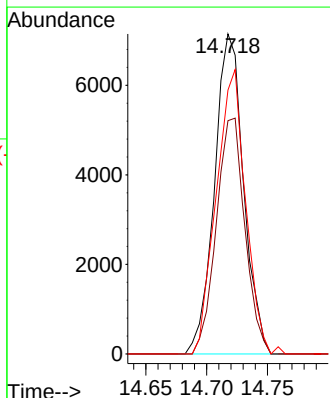
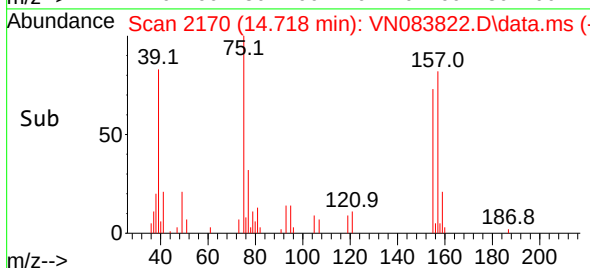
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

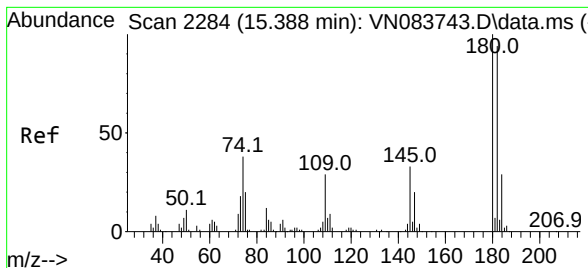


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.022 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56



Tgt Ion: 75 Resp: 11881
Ion Ratio Lower Upper
75 100
155 72.5 35.9 107.7
157 89.5 47.5 142.5





#93

1,2,4-Trichlorobenzene

Concen: 18.020 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

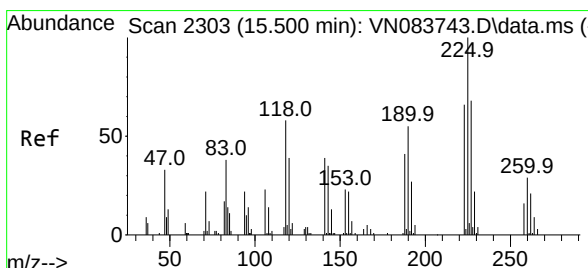
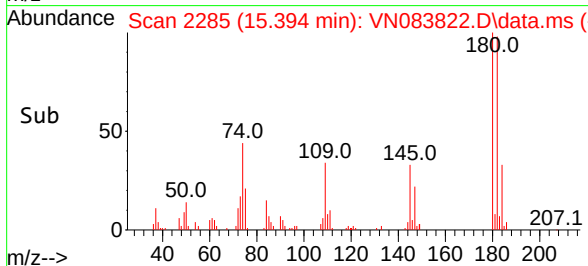
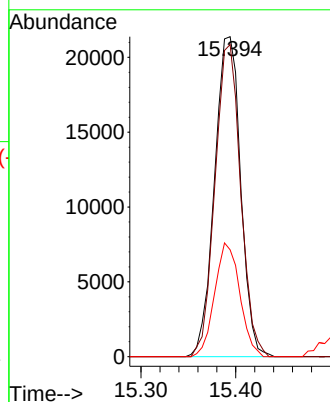
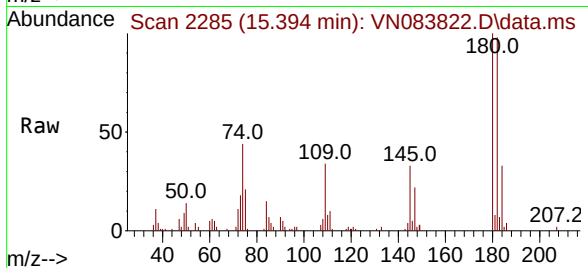
Tgt Ion:180	Resp:	40910
Ion Ratio	Lower	Upper
180	100	
182	95.4	48.1 144.3
145	34.2	16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2024

Supervised By :Mahesh Dadoda 09/13/2024



#94

Hexachlorobutadiene

Concen: 18.955 ug/l

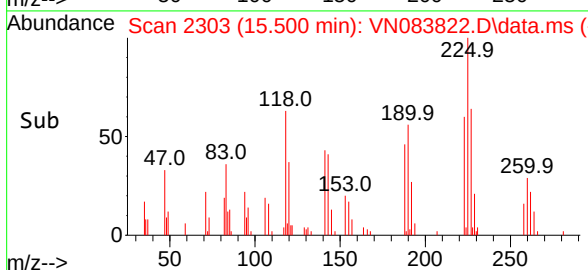
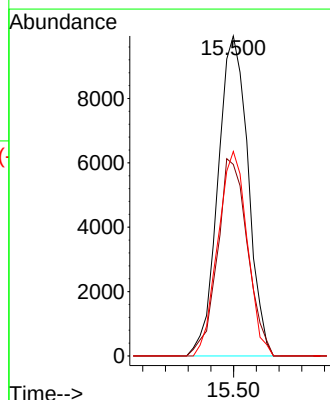
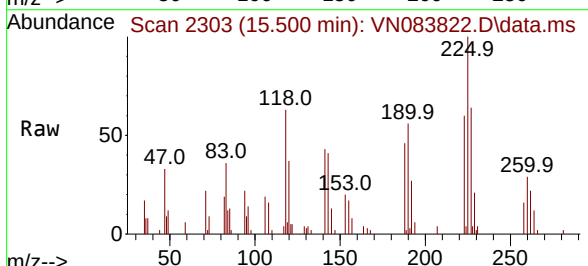
RT: 15.500 min Scan# 2303

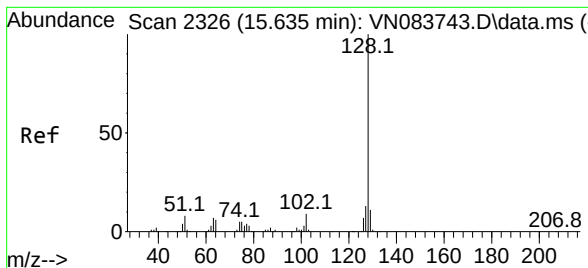
Delta R.T. 0.000 min

Lab File: VN083822.D

Acq: 12 Sep 2024 10:56

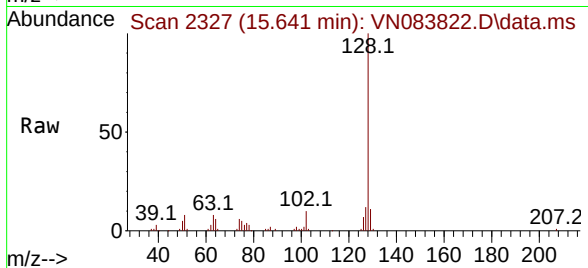
Tgt Ion:225	Resp:	18275
Ion Ratio	Lower	Upper
225	100	
223	61.8	31.9 95.5
227	62.4	32.0 96.2





#95
Naphthalene
Concen: 19.605 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

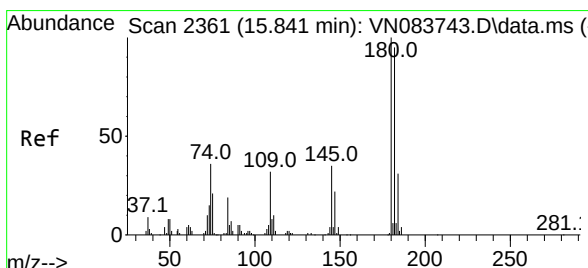
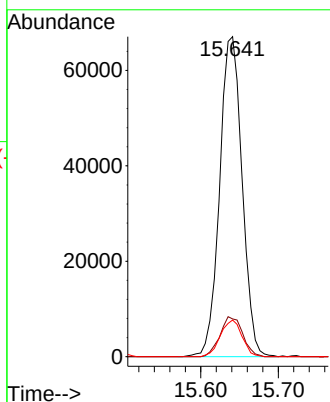
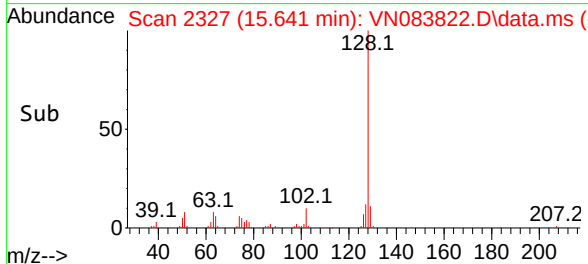
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion:128 Resp: 135408
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.199 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083822.D
Acq: 12 Sep 2024 10:56

Tgt Ion:180 Resp: 39485
Ion Ratio Lower Upper
180 100
182 97.5 47.1 141.4
145 36.6 17.8 53.5

