

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081240.D
 Acq On : 28 Feb 2024 14:05
 Operator : JC\MD
 Sample : VN0228WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 28 23:25:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	231594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	427628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	400600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	152933	53.874	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.740%			
35) Dibromofluoromethane	8.171	113	129047	53.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.740%			
50) Toluene-d8	10.571	98	423182	49.273	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.853	95	164684	51.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68321	22.811	ug/l	100
3) Chloromethane	2.365	50	64346	18.958	ug/l	99
4) Vinyl Chloride	2.518	62	70944	21.325	ug/l #	88
5) Bromomethane	2.965	94	47307	20.021	ug/l	98
6) Chloroethane	3.124	64	51149	23.309	ug/l	96
7) Trichlorofluoromethane	3.501	101	108288	22.281	ug/l	96
8) Diethyl Ether	3.959	74	38432	21.629	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	62219	22.964	ug/l	93
10) Methyl Iodide	4.589	142	53859	17.809	ug/l	96
11) Tert butyl alcohol	5.512	59	58933	112.888	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	56869	21.714	ug/l	93
13) Acrolein	4.183	56	23244	83.072	ug/l	95
14) Allyl chloride	5.018	41	81345	20.933	ug/l #	85
15) Acrylonitrile	5.718	53	174470	127.965	ug/l	97
16) Acetone	4.430	43	132390	118.527	ug/l	94
17) Carbon Disulfide	4.712	76	129599	17.741	ug/l	96
18) Methyl Acetate	5.024	43	81475	29.901	ug/l	94
19) Methyl tert-butyl Ether	5.800	73	207985	23.186	ug/l	95
20) Methylene Chloride	5.271	84	66981	22.672	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	61298	20.978	ug/l	86
22) Diisopropyl ether	6.677	45	211352	23.976	ug/l #	93
23) Vinyl Acetate	6.606	43	843699	117.965	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	119732	23.490	ug/l	96
25) 2-Butanone	7.483	43	225906	125.191	ug/l	92
26) 2,2-Dichloropropane	7.494	77	102714	21.507	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	75065	22.111	ug/l	91
28) Bromochloromethane	7.818	49	42800	20.255	ug/l #	73
29) Tetrahydrofuran	7.841	42	152265	126.405	ug/l	91
30) Chloroform	7.965	83	130249	24.038	ug/l	100
31) Cyclohexane	8.259	56	102038	20.818	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	111162	22.526	ug/l	92
36) 1,1-Dichloropropene	8.377	75	90719	21.898	ug/l	98
37) Ethyl Acetate	7.565	43	92678	24.788	ug/l	98
38) Carbon Tetrachloride	8.365	117	94419	22.527	ug/l	95
39) Methylcyclohexane	9.600	83	103898	21.514	ug/l	89
40) Benzene	8.612	78	275639	22.987	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	51786	24.337	ug/l	94
42) 1,2-Dichloroethane	8.671	62	101071	24.159	ug/l	99
43) Isopropyl Acetate	8.688	43	158298	24.208	ug/l	96
44) Trichloroethene	9.353	130	69356	21.716	ug/l	93
45) 1,2-Dichloropropane	9.630	63	70197	23.403	ug/l	95
46) Dibromomethane	9.712	93	54047	24.730	ug/l	92
47) Bromodichloromethane	9.894	83	98825	23.875	ug/l #	91
48) Methyl methacrylate	9.682	41	73182	24.052	ug/l	92
49) 1,4-Dioxane	9.694	88	30344	522.895	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	493868	131.293	ug/l	94
52) Toluene	10.635	92	177334	23.360	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	105734	22.987	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	113091	22.756	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	75045	25.703	ug/l	93
56) Ethyl methacrylate	10.877	69	103224	23.132	ug/l	91
57) 1,3-Dichloropropane	11.165	76	121197	24.007	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	254299	113.580	ug/l #	88
59) 2-Hexanone	11.200	43	363189	121.786	ug/l	95
60) Dibromochloromethane	11.365	129	74305	23.956	ug/l	96
61) 1,2-Dibromoethane	11.476	107	74010	24.105	ug/l	99
64) Tetrachloroethene	11.106	164	63183	23.109	ug/l	95
65) Chlorobenzene	11.894	112	186573	21.519	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	67473	21.667	ug/l	95
67) Ethyl Benzene	11.965	91	333128	21.472	ug/l	98
68) m/p-Xylenes	12.076	106	246863	41.512	ug/l	99
69) o-Xylene	12.400	106	123335	20.923	ug/l	94
70) Styrene	12.412	104	205257	21.974	ug/l	96
71) Bromoform	12.582	173	46226	23.397	ug/l #	97
73) Isopropylbenzene	12.700	105	322859	20.355	ug/l	99
74) N-amyl acetate	12.494	43	133800	19.959	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	105414	23.635	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	84584m	20.535	ug/l	
77) Bromobenzene	12.982	156	72888	20.609	ug/l	82
78) n-propylbenzene	13.041	91	394926	21.629	ug/l	99
79) 2-Chlorotoluene	13.129	91	230411	20.573	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	271625	21.121	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	32446	20.275	ug/l #	85
82) 4-Chlorotoluene	13.223	91	229465	20.954	ug/l	95
83) tert-Butylbenzene	13.441	119	235512	21.179	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	279348	21.798	ug/l	97
85) sec-Butylbenzene	13.618	105	339104	21.935	ug/l	95
86) p-Isopropyltoluene	13.735	119	278381	21.680	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	139430	20.865	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	137785	20.984	ug/l	99
89) n-Butylbenzene	14.059	91	241850	21.619	ug/l	98
90) Hexachloroethane	14.335	117	47247	22.260	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	136908	21.243	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20836	22.470	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	72073	20.045	ug/l	99
94) Hexachlorobutadiene	15.506	225	28863	21.524	ug/l	94
95) Naphthalene	15.647	128	266055	20.192	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	73255	20.537	ug/l	95

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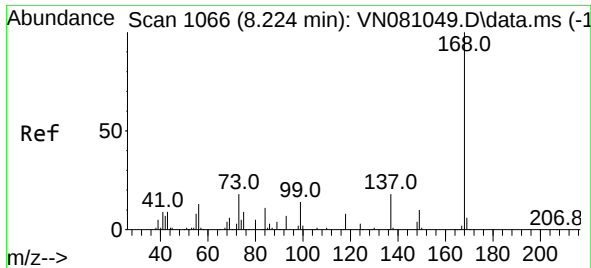
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
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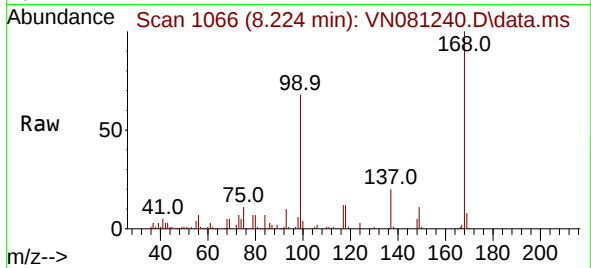
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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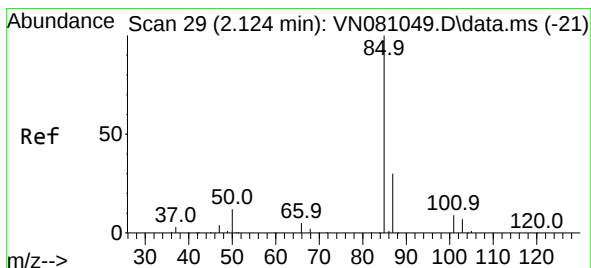
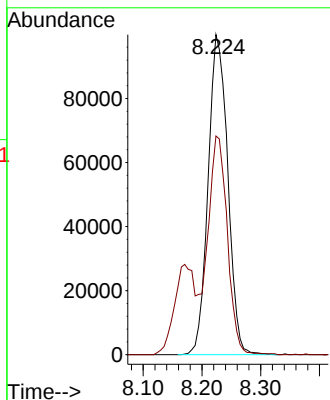
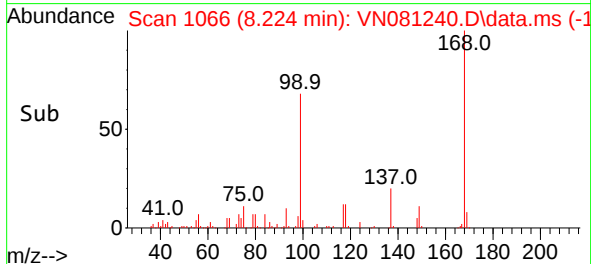
Instrument :
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ClientSampleId :
VN0228WBS02



Tgt Ion:168 Resp: 231594
Ion Ratio Lower Upper
168 100
99 68.3 59.9 89.9

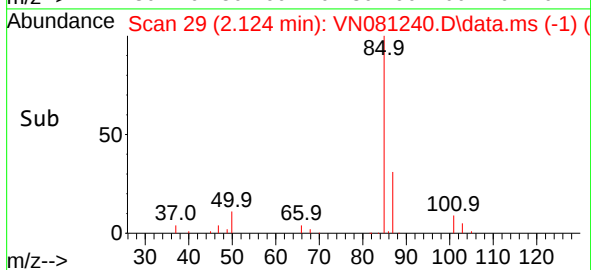
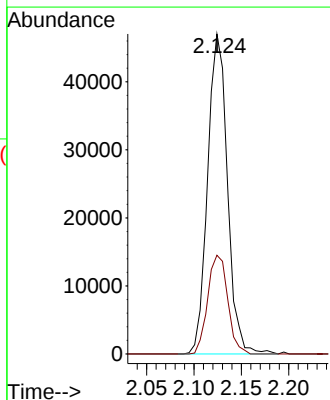
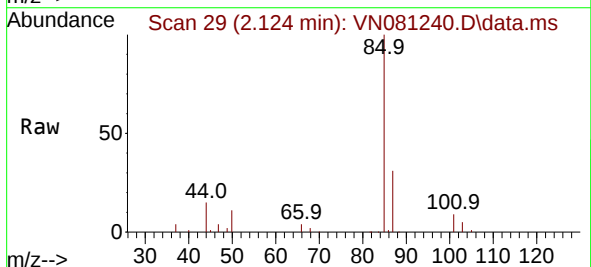
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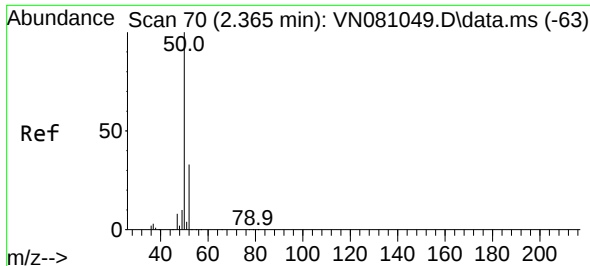
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#2
Dichlorodifluoromethane
Concen: 22.811 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion: 85 Resp: 68321
Ion Ratio Lower Upper
85 100
87 30.9 15.3 45.9





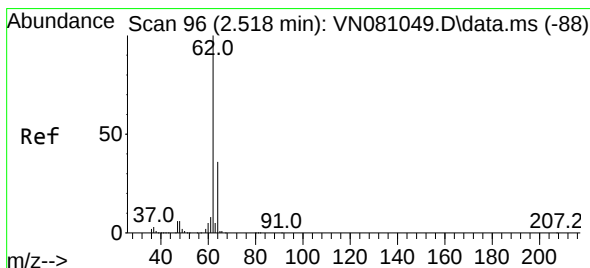
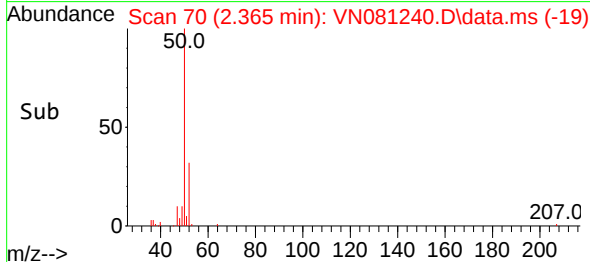
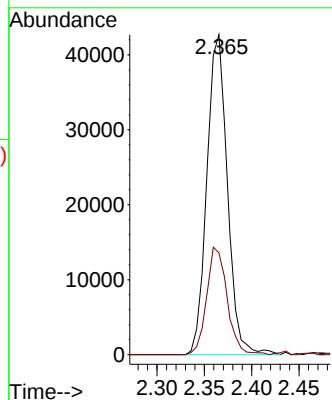
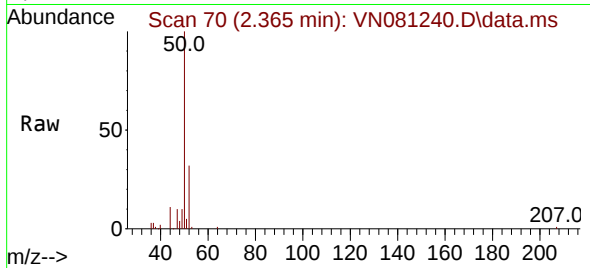
#3
Chloromethane
Concen: 18.958 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
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Tgt Ion: 50 Resp: 64340
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4

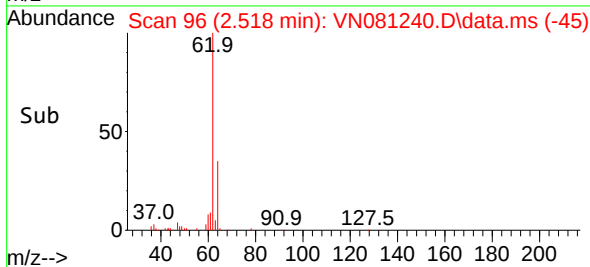
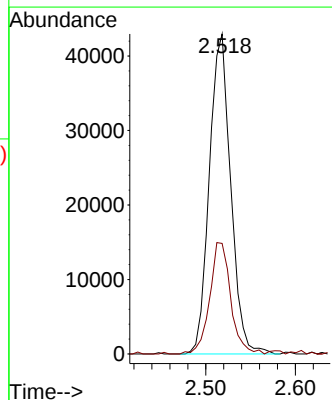
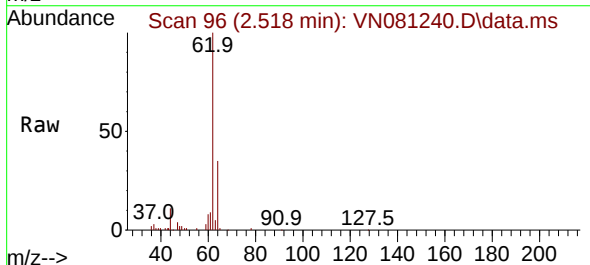
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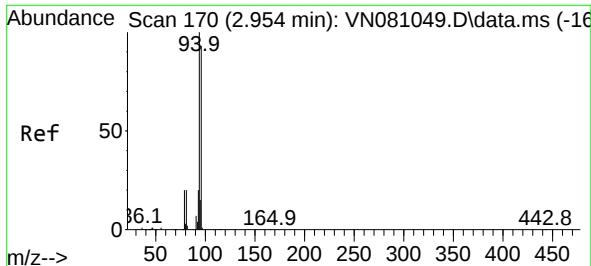
Reviewed By :John Carlone 02/29/2024
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#4
Vinyl Chloride
Concen: 21.325 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion: 62 Resp: 70944
Ion Ratio Lower Upper
62 100
64 34.5 22.7 34.1#





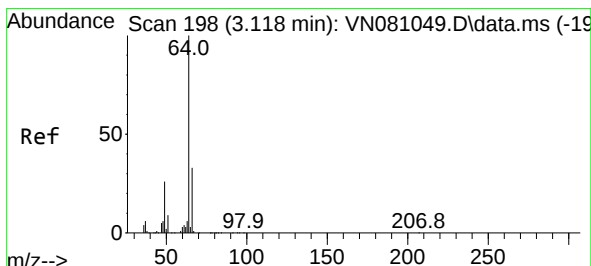
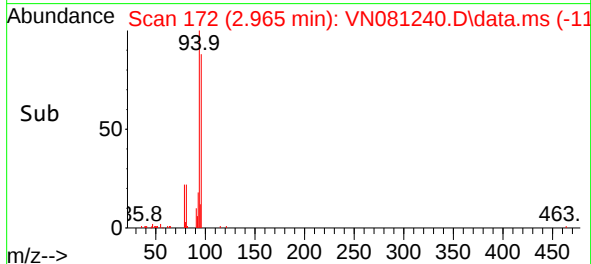
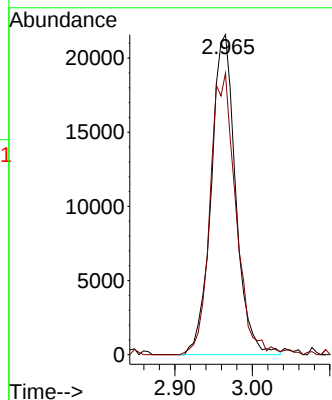
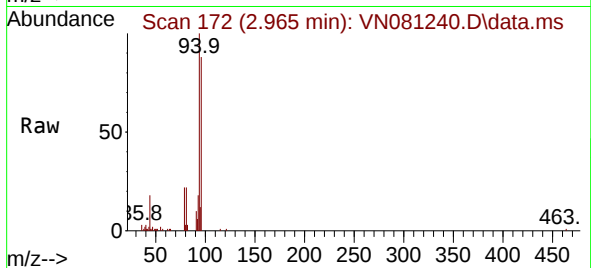
#5
Bromomethane
Concen: 20.021 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
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Tgt Ion: 94 Resp: 4730
Ion Ratio Lower Upper
94 100
96 87.9 69.2 103.8

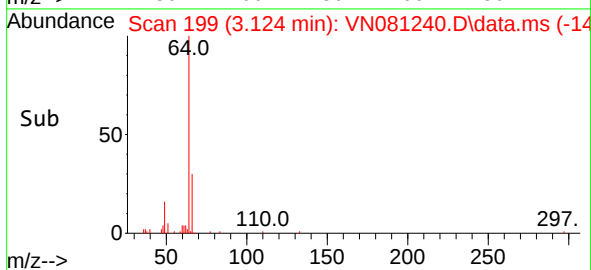
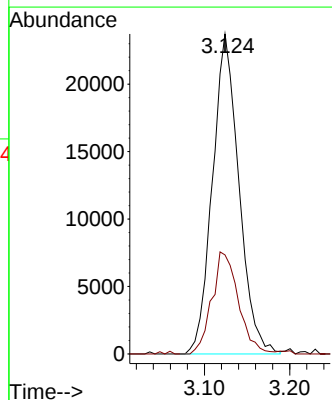
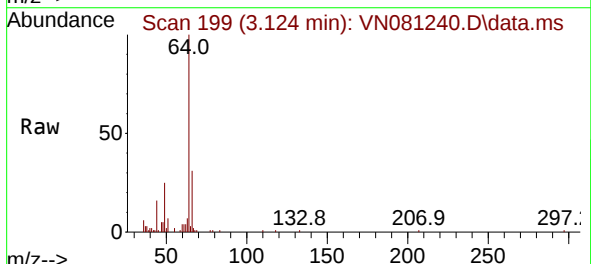
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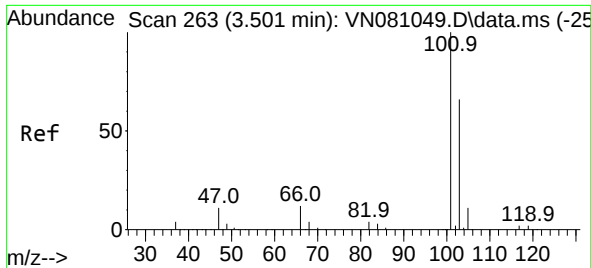
Reviewed By :John Carlone 02/29/2024
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#6
Chloroethane
Concen: 23.309 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081240.D
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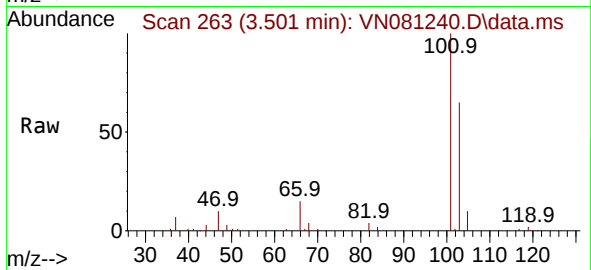
Tgt Ion: 64 Resp: 51149
Ion Ratio Lower Upper
64 100
66 31.0 26.4 39.6





#7
Trichlorofluoromethane
Concen: 22.281 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN081240.D
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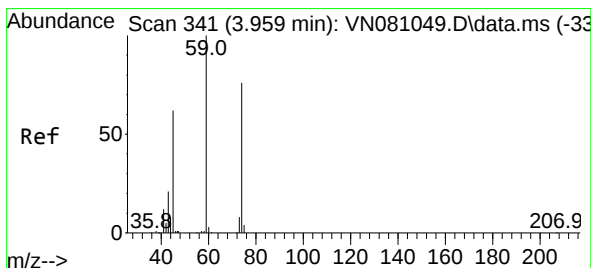
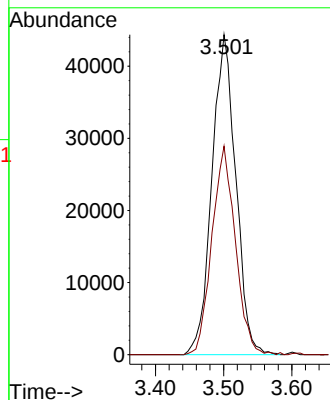
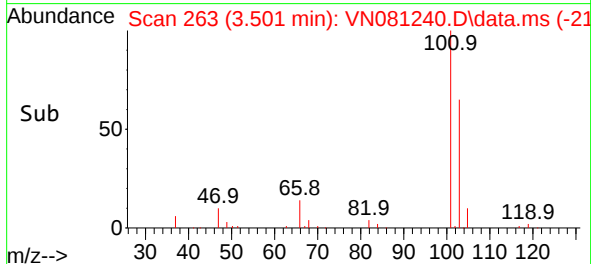
Instrument :
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Tgt Ion:101 Resp: 10828
Ion Ratio Lower Upper
101 100
103 65.2 54.4 81.6

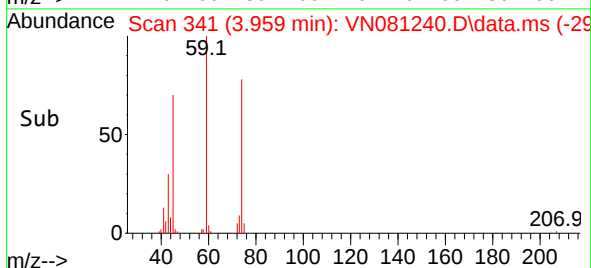
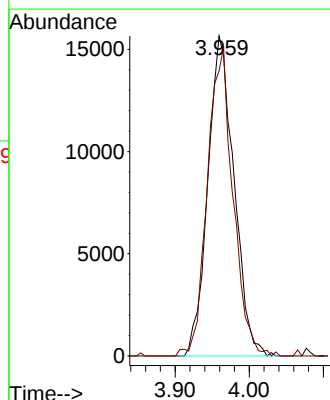
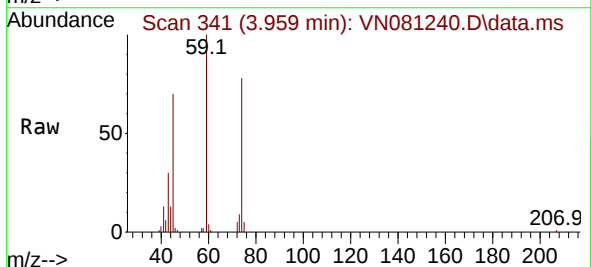
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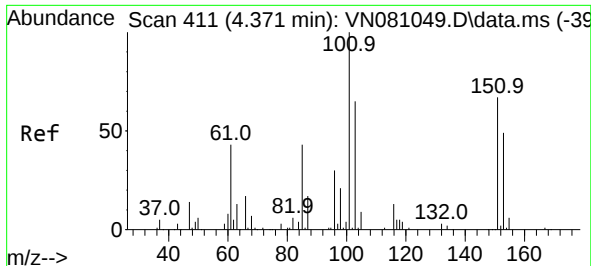
Reviewed By :John Carlone 02/29/2024
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#8
Diethyl Ether
Concen: 21.629 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion: 74 Resp: 38432
Ion Ratio Lower Upper
74 100
45 94.5 53.3 159.9





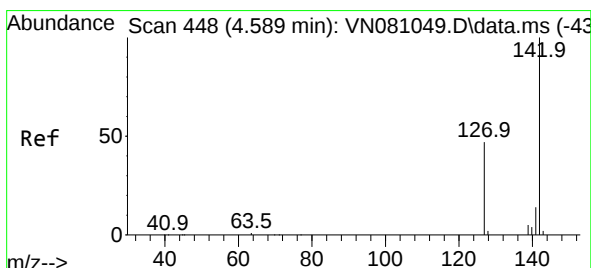
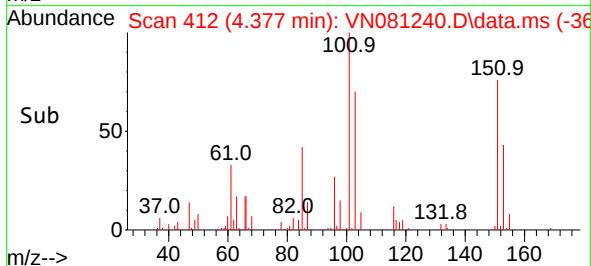
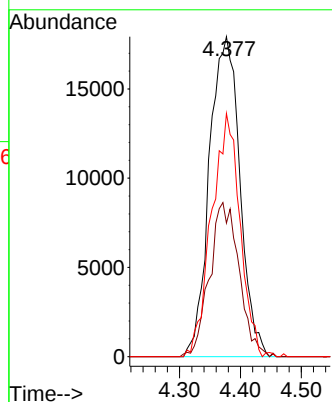
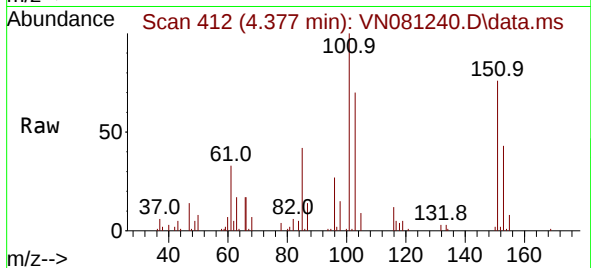
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.964 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion:101 Resp: 62219
Ion Ratio Lower Upper
101 100
85 46.7 38.1 57.1
151 70.7 49.1 73.7

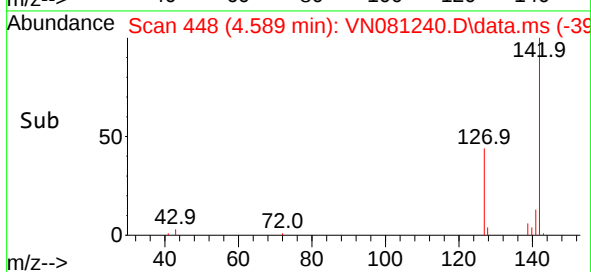
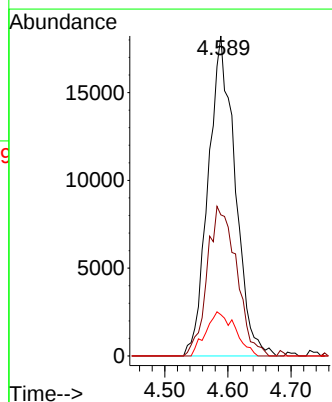
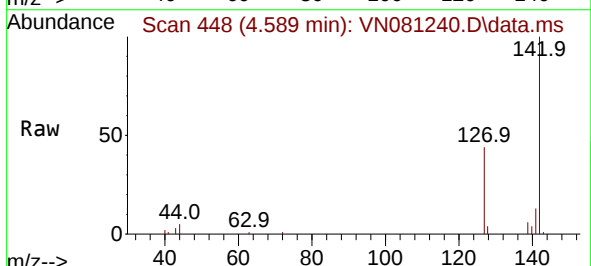
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#10
Methyl Iodide
Concen: 17.809 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

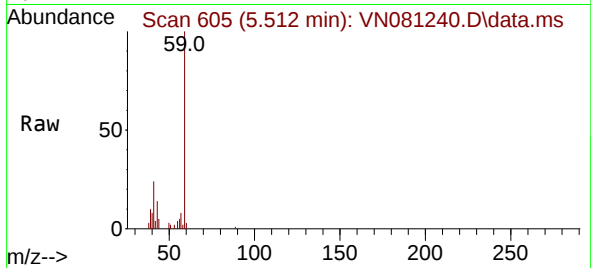
Tgt Ion:142 Resp: 53859
Ion Ratio Lower Upper
142 100
127 44.1 37.0 55.4
141 12.9 12.5 18.7





#11
Tert butyl alcohol
Concen: 112.888 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

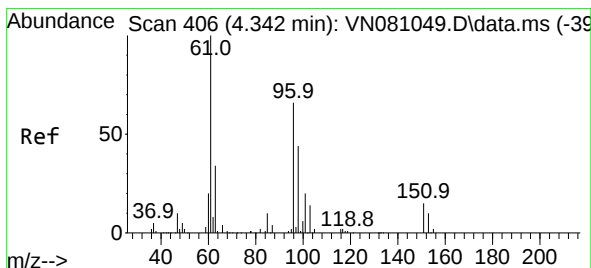
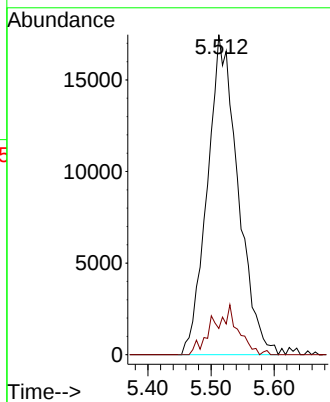
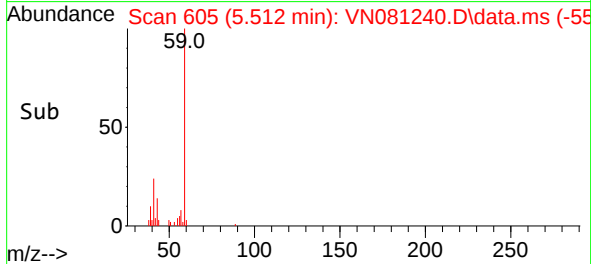
Instrument :
MSVOA_N
Client Sample Id :
VN0228WBS02



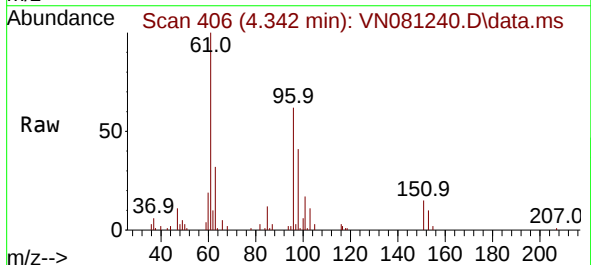
Tgt Ion: 59 Resp: 5893
Ion Ratio Lower Upper
59 100
57 5.1 8.6 12.8

Manual Integrations
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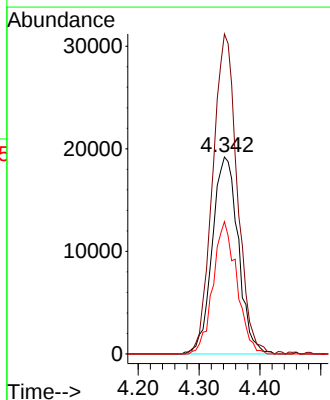
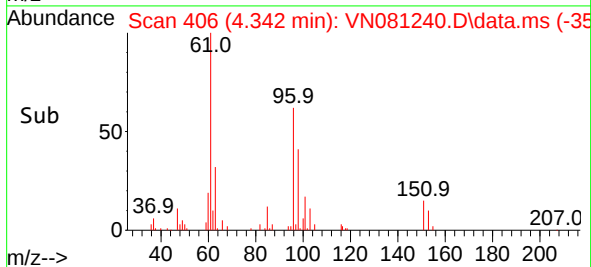
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

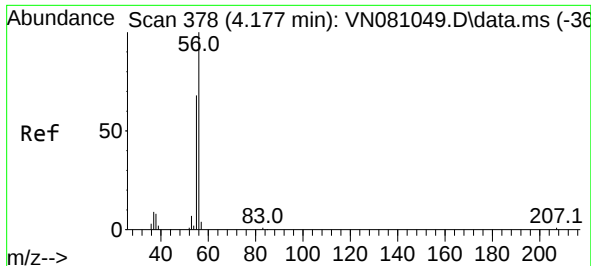


#12
1,1-Dichloroethene
Concen: 21.714 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05



Tgt Ion: 96 Resp: 56869
Ion Ratio Lower Upper
96 100
61 162.5 138.2 207.4
98 67.2 49.2 73.8





#13

Acrolein

Concen: 83.072 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS02

Tgt Ion: 56 Resp: 2324

Ion Ratio Lower Upper

56 100

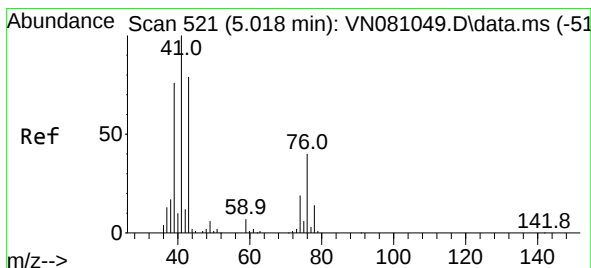
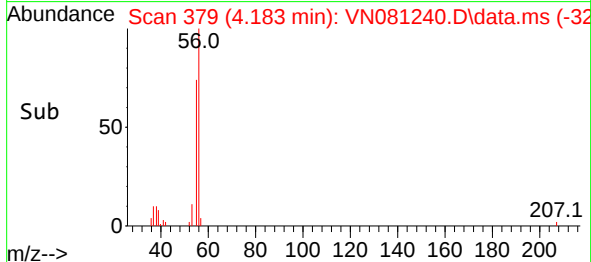
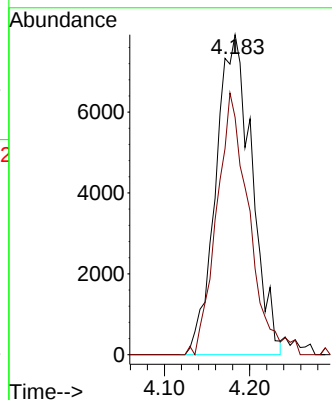
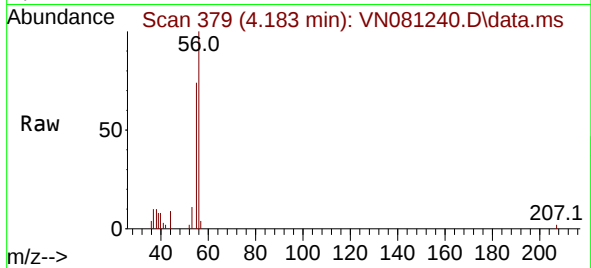
55 73.6 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#14

Allyl chloride

Concen: 20.933 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

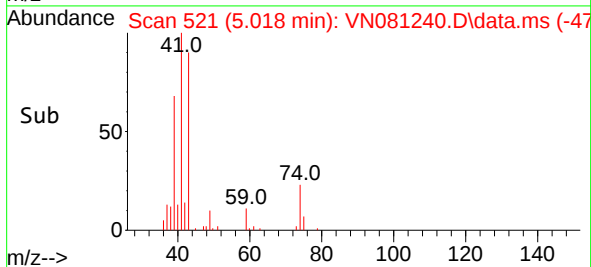
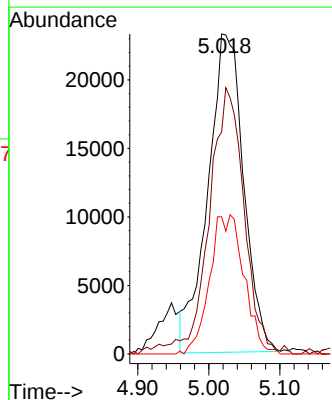
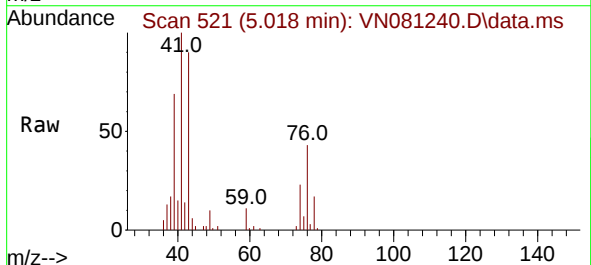
Tgt Ion: 41 Resp: 81345

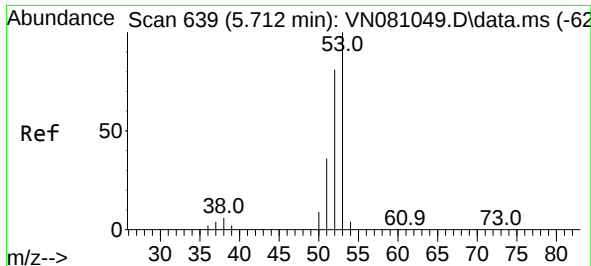
Ion Ratio Lower Upper

41 100

39 82.1 57.7 86.5

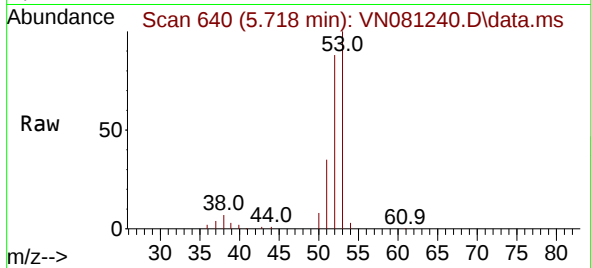
76 21.6 26.8 40.2#





#15
Acrylonitrile
Concen: 127.965 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

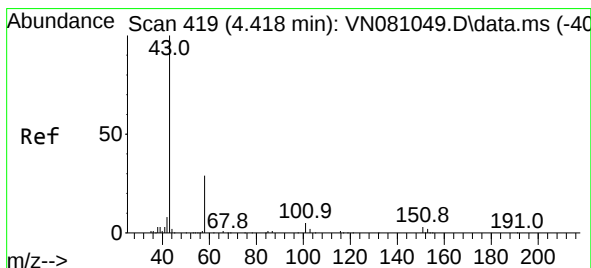
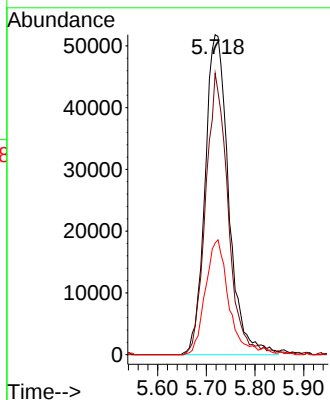
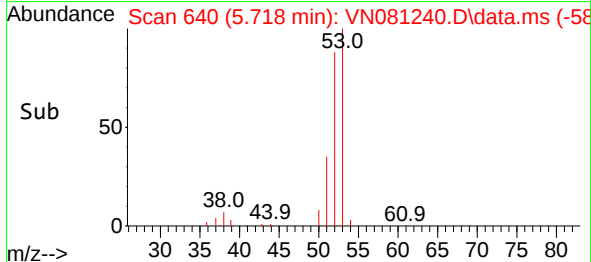
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



Tgt Ion: 53 Resp: 174470
Ion Ratio Lower Upper
53 100
52 83.6 64.8 97.2
51 35.1 26.9 40.3

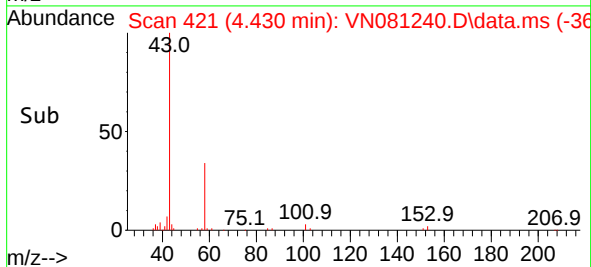
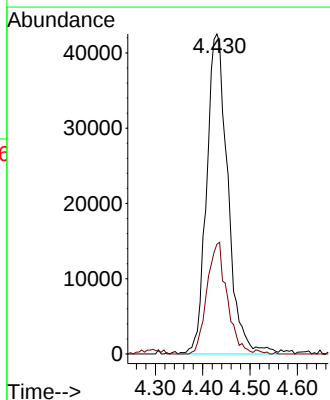
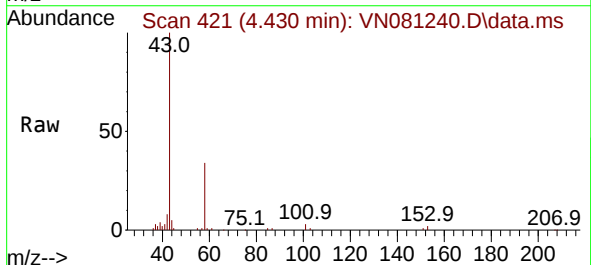
Manual Integrations
APPROVED

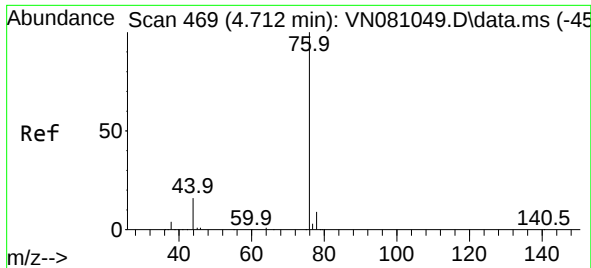
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#16
Acetone
Concen: 118.527 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

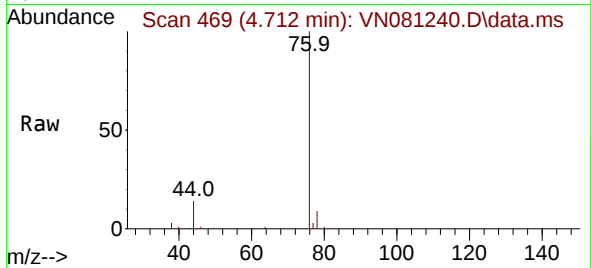
Tgt Ion: 43 Resp: 132390
Ion Ratio Lower Upper
43 100
58 34.3 24.8 37.2





#17
Carbon Disulfide
Concen: 17.741 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

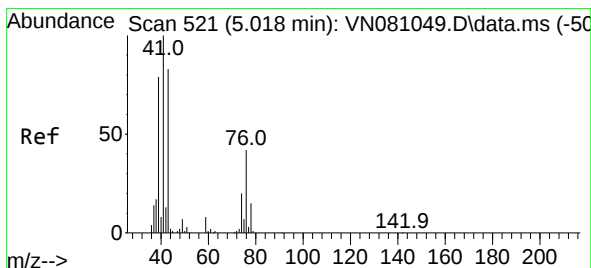
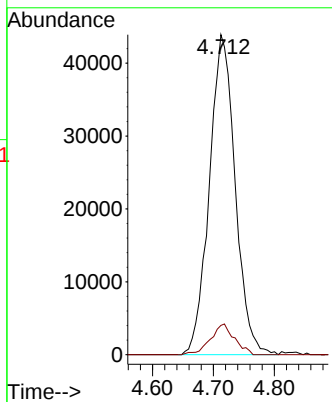
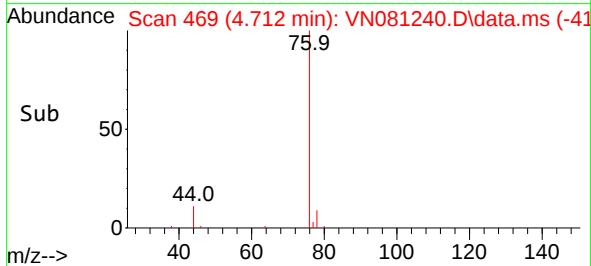
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



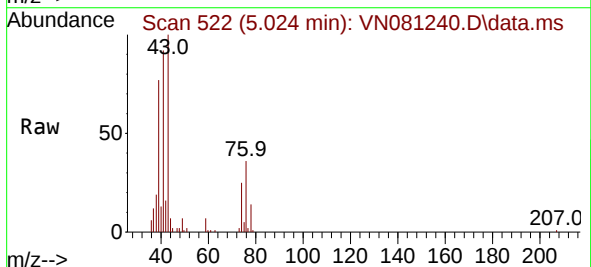
Tgt Ion: 76 Resp: 12959
Ion Ratio Lower Upper
76 100
78 9.1 6.3 9.5

Manual Integrations
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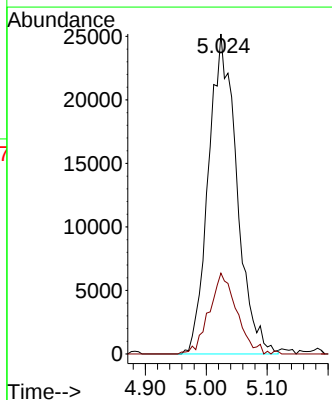
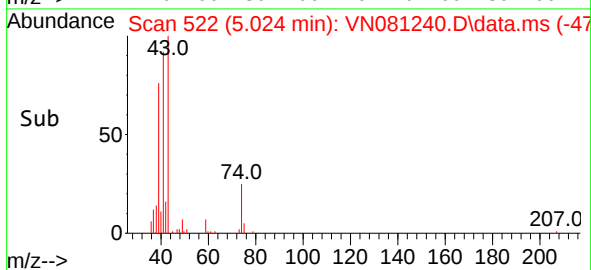
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

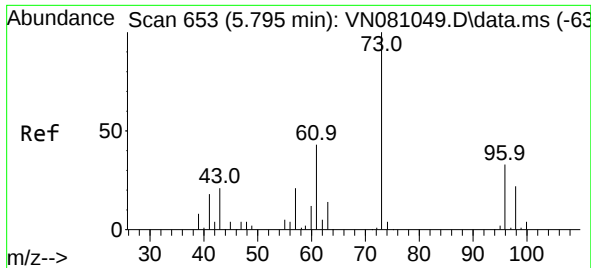


#18
Methyl Acetate
Concen: 29.901 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05



Tgt Ion: 43 Resp: 81475
Ion Ratio Lower Upper
43 100
74 24.4 17.3 25.9





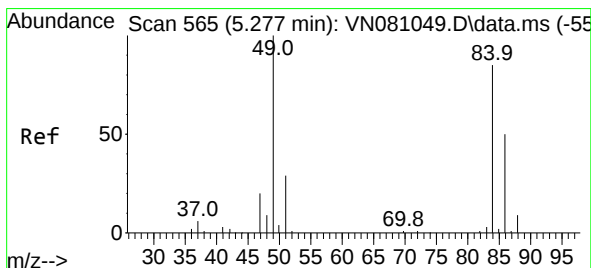
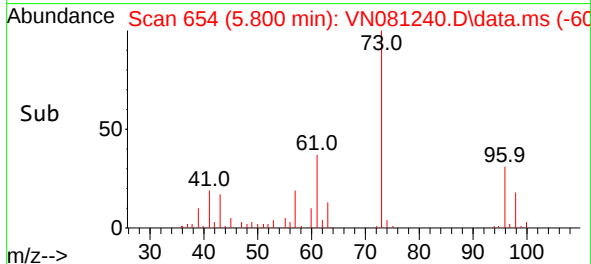
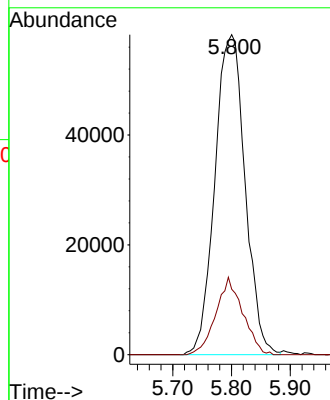
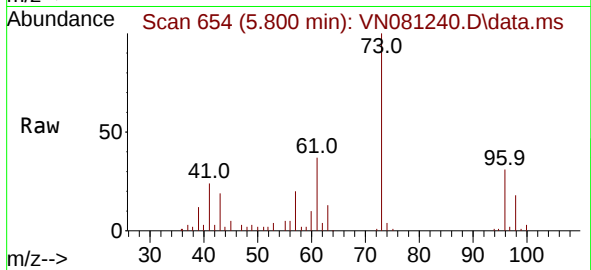
#19
Methyl tert-butyl Ether
Concen: 23.186 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion: 73 Resp: 20798
Ion Ratio Lower Upper
73 100
57 20.4 18.2 27.4

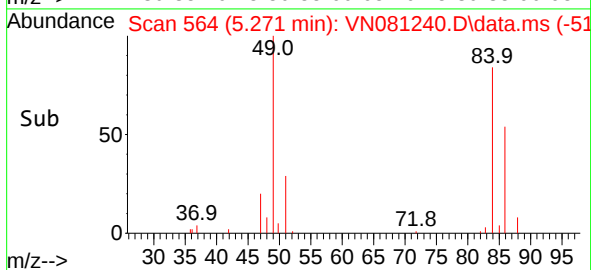
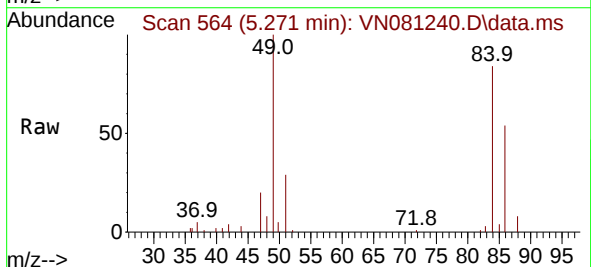
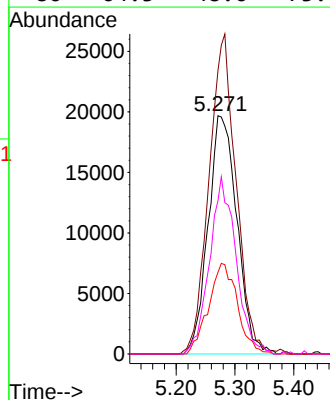
Manual Integrations
APPROVED

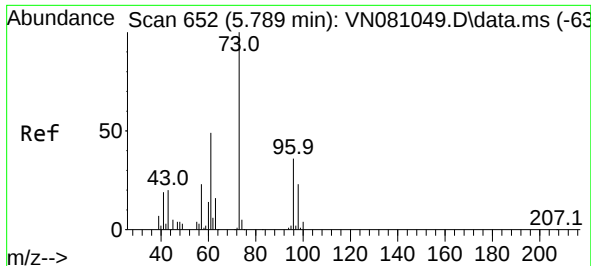
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#20
Methylene Chloride
Concen: 22.672 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

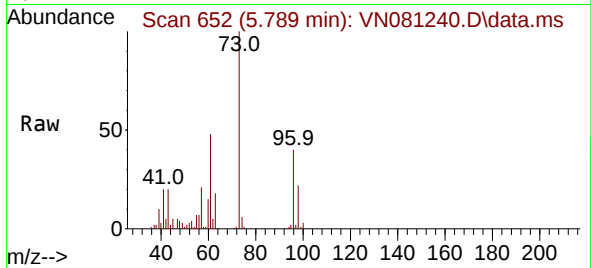
Tgt Ion: 84 Resp: 66981
Ion Ratio Lower Upper
84 100
49 118.9 108.1 162.1
51 34.2 32.9 49.3
86 64.3 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 20.978 ug/l
RT: 5.789 min Scan# 61298
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

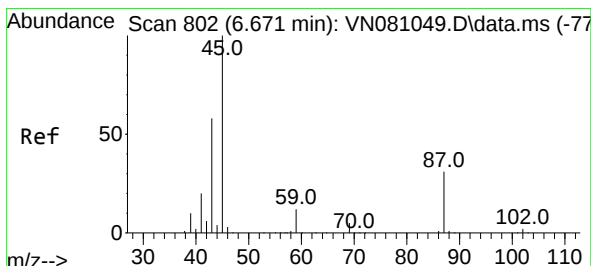
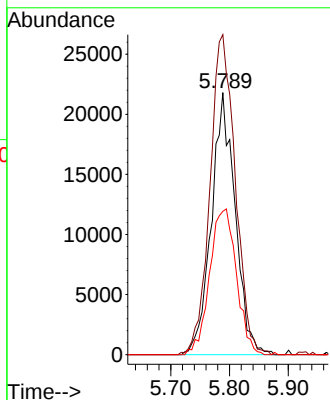
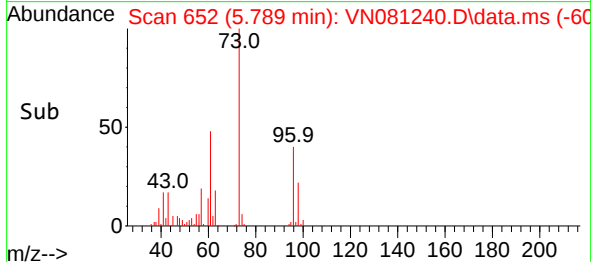
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



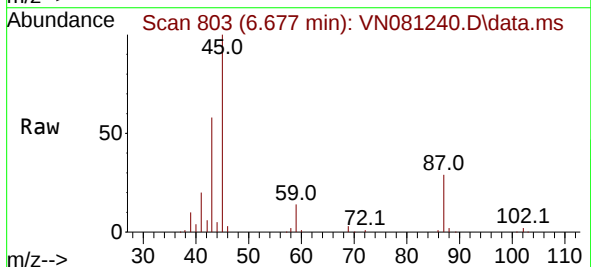
Tgt Ion: 96 Resp: 61298
Ion Ratio Lower Upper
96 100
61 122.1 112.8 169.2
98 54.7 51.0 76.4

Manual Integrations
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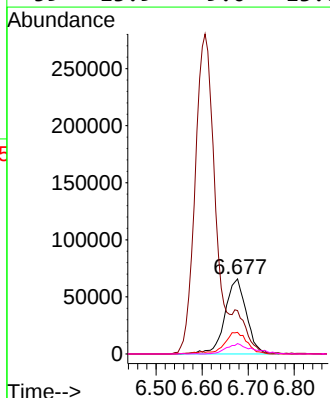
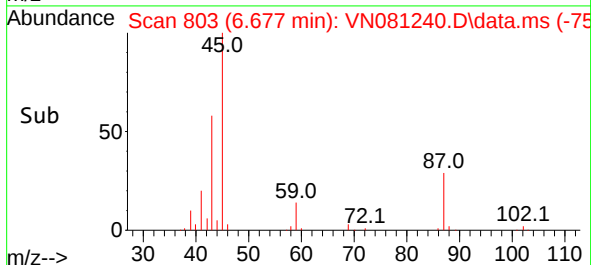
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

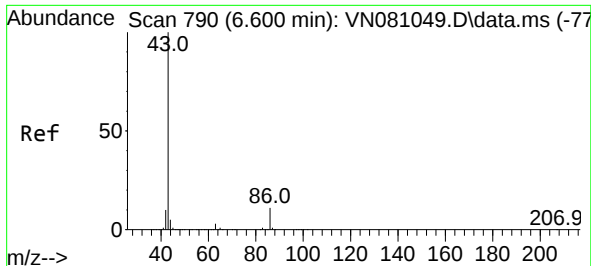


#22
Diisopropyl ether
Concen: 23.976 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05



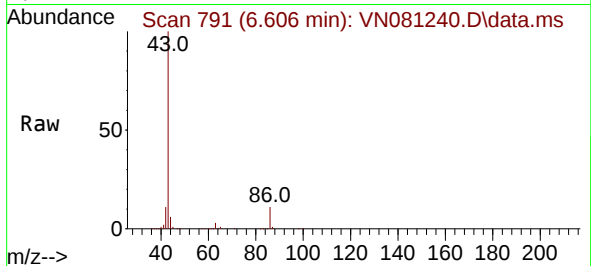
Tgt Ion: 45 Resp: 211352
Ion Ratio Lower Upper
45 100
43 56.1 41.8 62.8
87 28.5 18.1 27.1#
59 13.9 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 117.965 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05

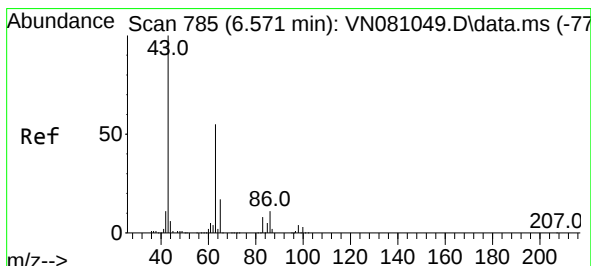
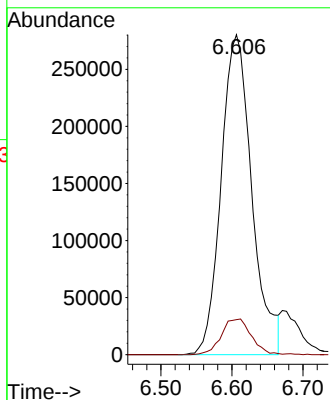
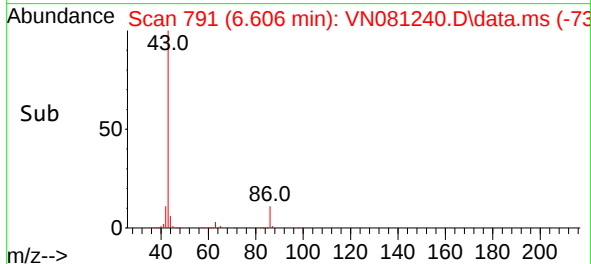
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS02



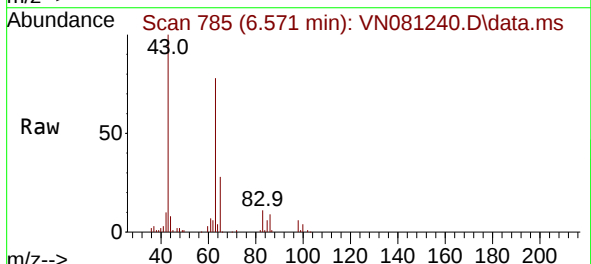
Tgt Ion: 43 Resp: 84369
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
 APPROVED

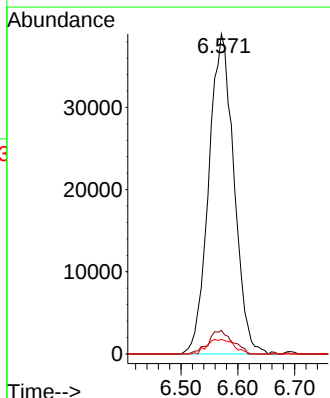
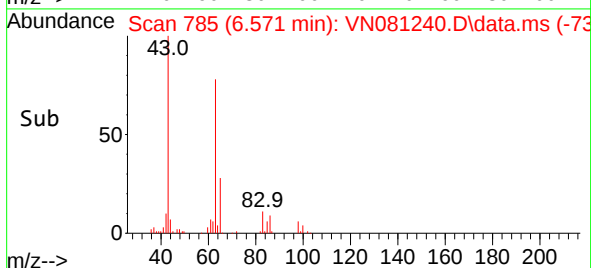
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

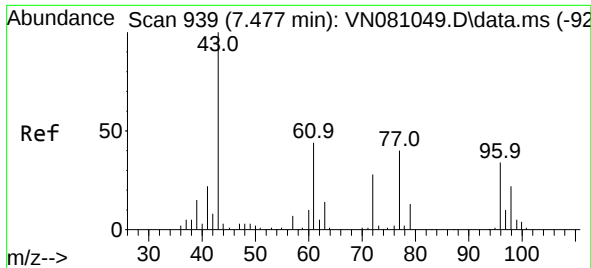


#24
 1,1-Dichloroethane
 Concen: 23.490 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05



Tgt Ion: 63 Resp: 119732
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.6
 100 4.5 1.9 5.7





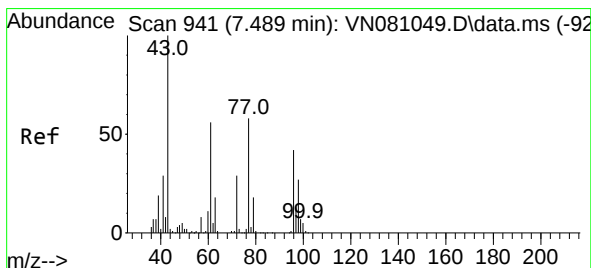
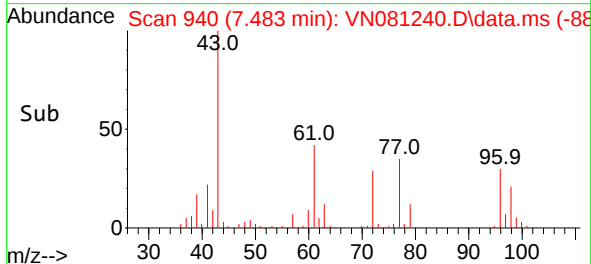
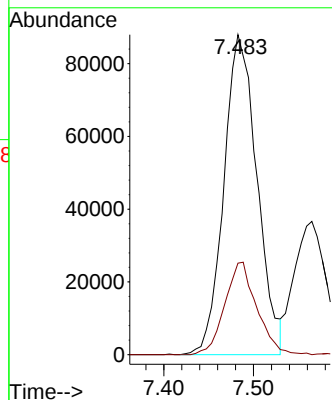
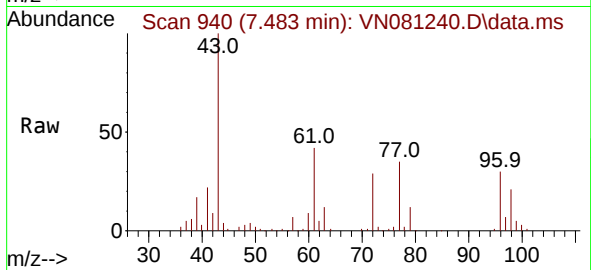
#25
2-Butanone
Concen: 125.191 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion: 43 Resp: 225900
Ion Ratio Lower Upper
43 100
72 28.6 19.5 29.3

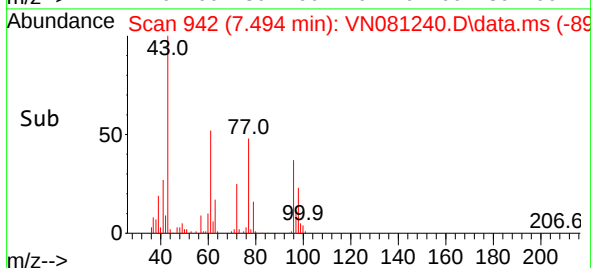
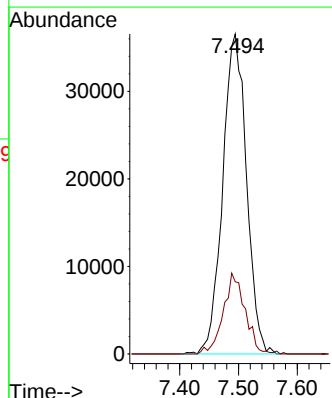
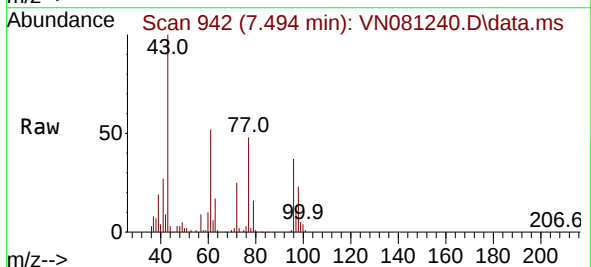
Manual Integrations
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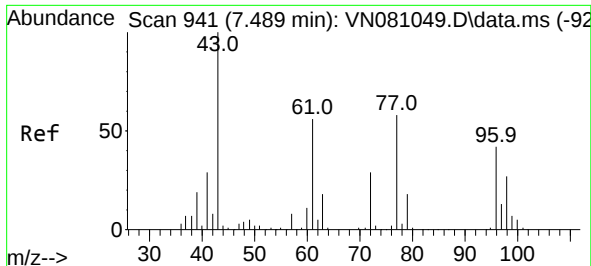
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#26
2,2-Dichloropropane
Concen: 21.507 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion: 77 Resp: 102714
Ion Ratio Lower Upper
77 100
97 23.2 11.5 34.5





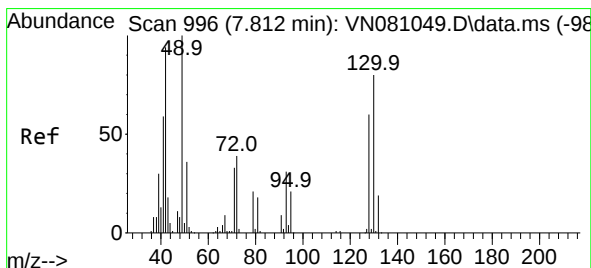
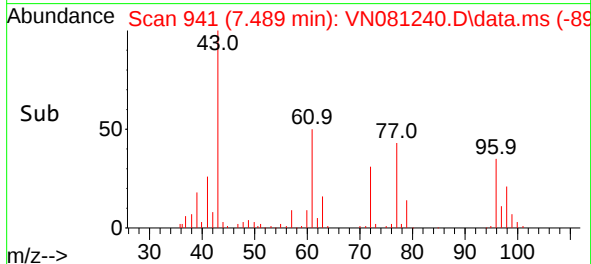
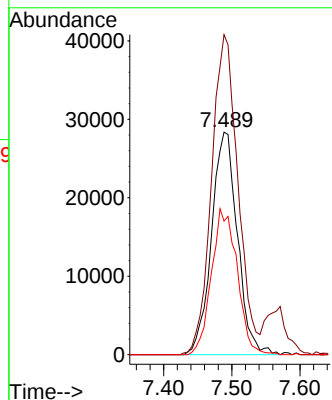
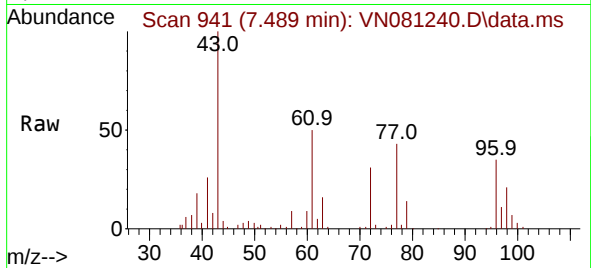
#27
 cis-1,2-Dichloroethene
 Concen: 22.111 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS02

Tgt Ion: 96 Resp: 7506
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 325.4
 98 65.0 0.0 130.4

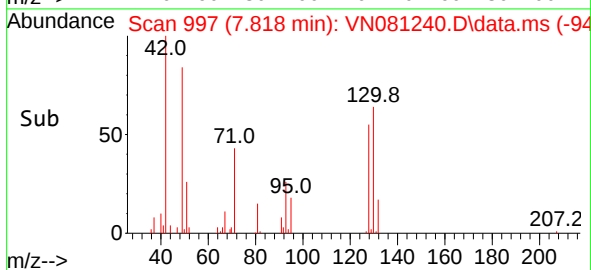
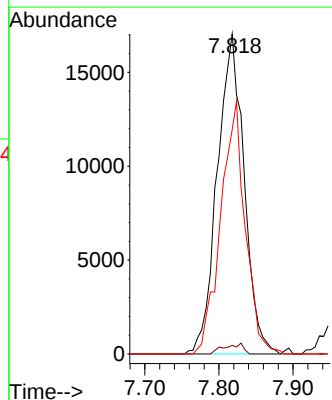
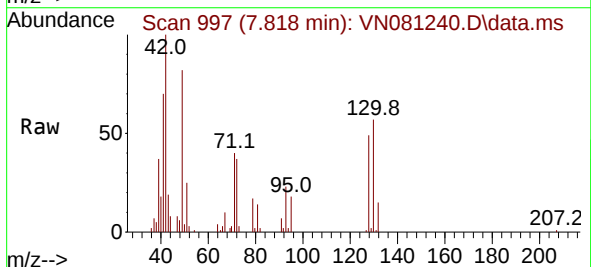
Manual Integrations
 APPROVED

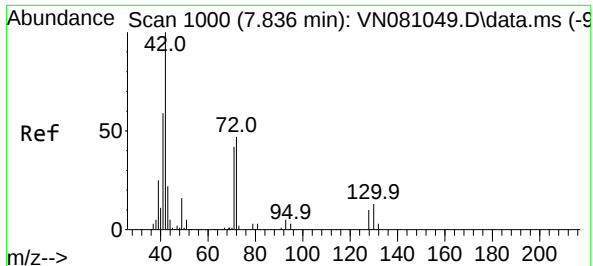
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#28
 Bromochloromethane
 Concen: 20.255 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05

Tgt Ion: 49 Resp: 42800
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.6#
 130 72.5 42.3 63.5#





#29

Tetrahydrofuran

Concen: 126.405 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS02

Tgt Ion: 42 Resp: 15226

Ion Ratio Lower Upper

42 100

72 43.0 31.1 46.7

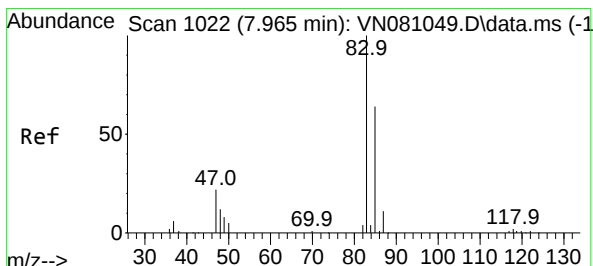
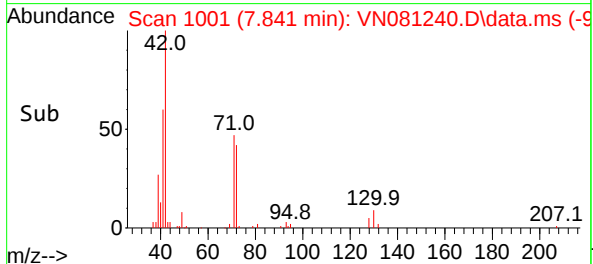
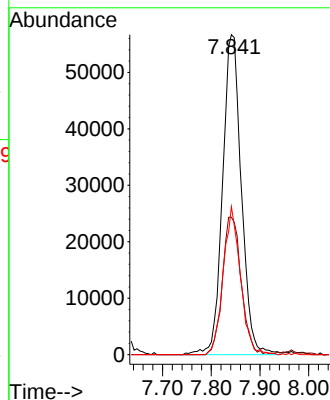
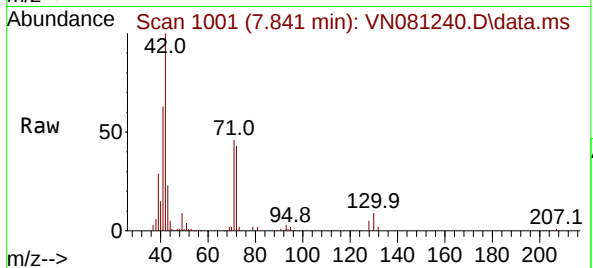
71 42.4 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#30

Chloroform

Concen: 24.038 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN081240.D

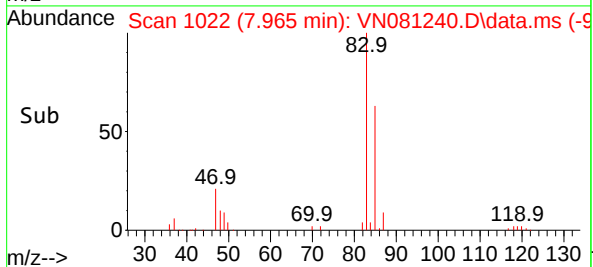
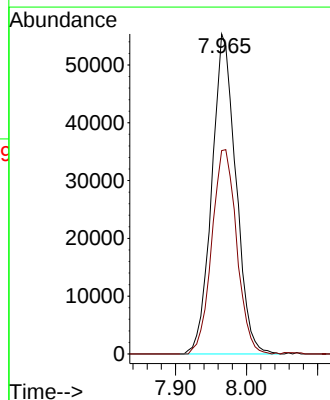
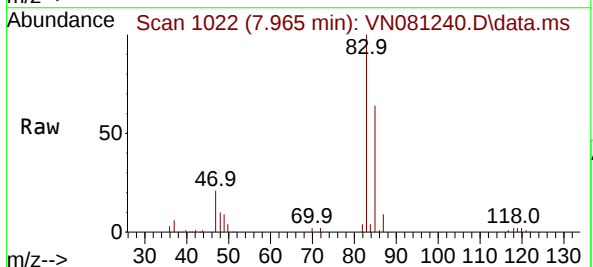
Acq: 28 Feb 2024 14:05

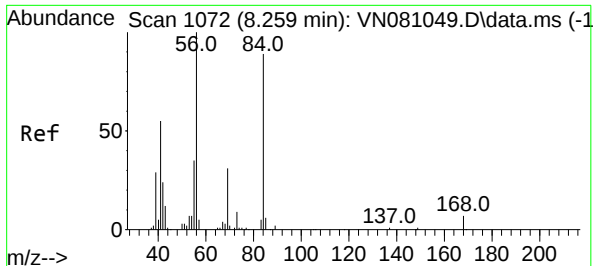
Tgt Ion: 83 Resp: 130249

Ion Ratio Lower Upper

83 100

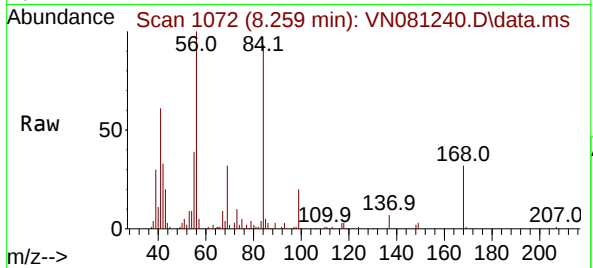
85 63.6 51.0 76.6





#31
Cyclohexane
Concen: 20.818 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

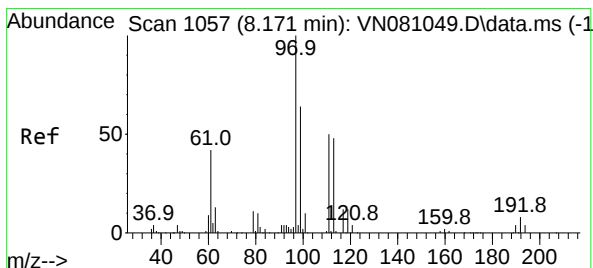
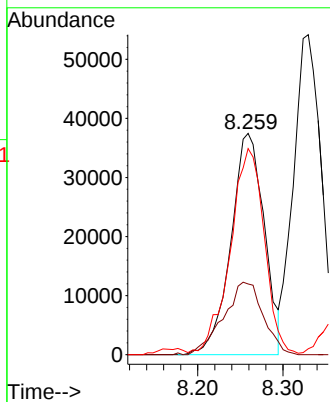
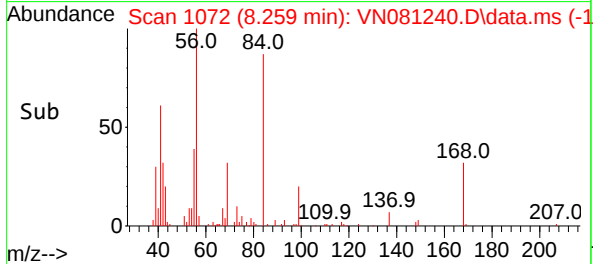
Instrument :
MSVOA_N
Client Sample Id :
VN0228WBS02



Tgt Ion: 56 Resp: 102038
Ion Ratio Lower Upper
56 100
69 31.2 20.1 30.1
84 90.3 56.9 85.3

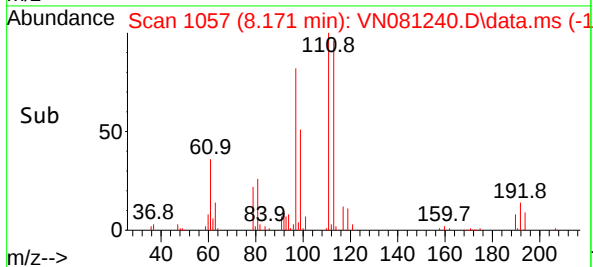
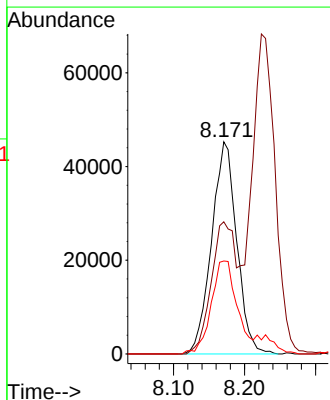
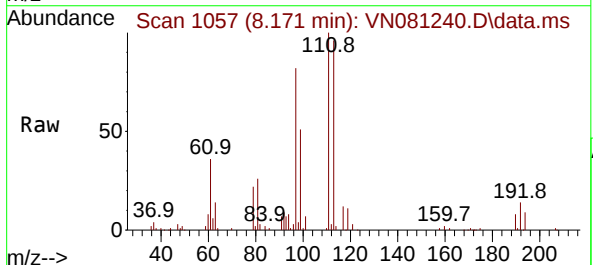
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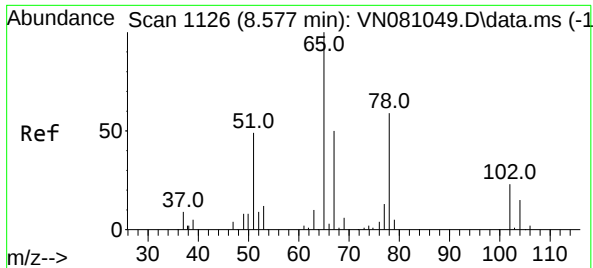
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#32
1,1,1-Trichloroethane
Concen: 22.526 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion: 97 Resp: 111162
Ion Ratio Lower Upper
97 100
99 64.3 53.4 80.0
61 45.2 43.8 65.8





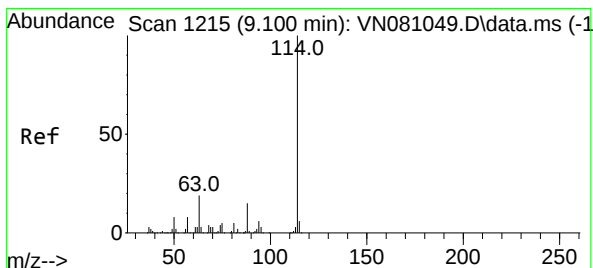
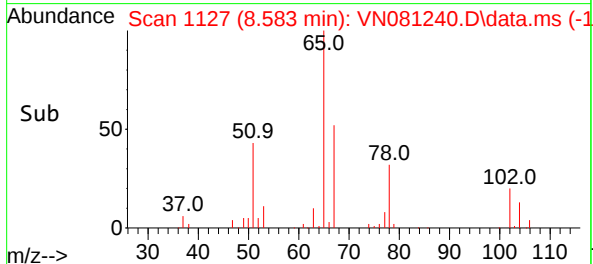
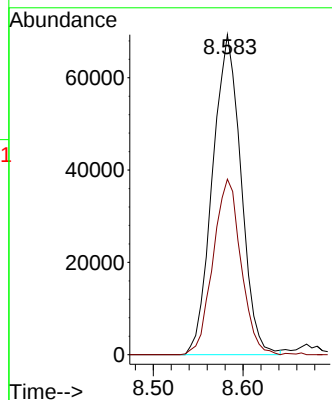
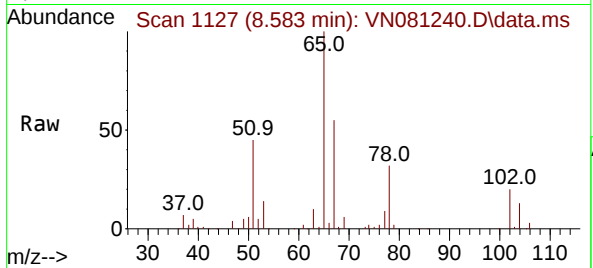
#33
1,2-Dichloroethane-d4
Concen: 53.874 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion: 65 Resp: 152933
Ion Ratio Lower Upper
65 100
67 53.7 0.0 102.4

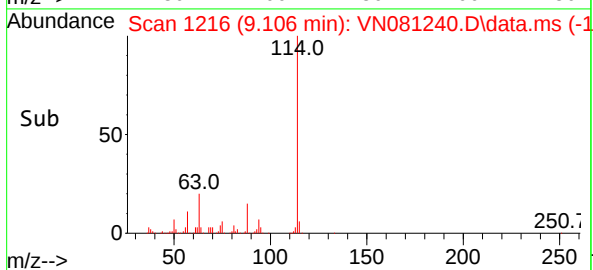
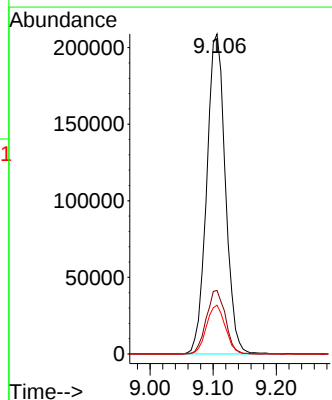
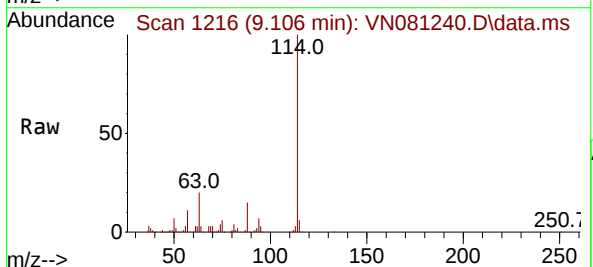
Manual Integrations
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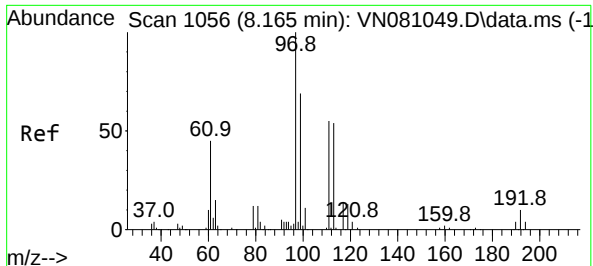
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

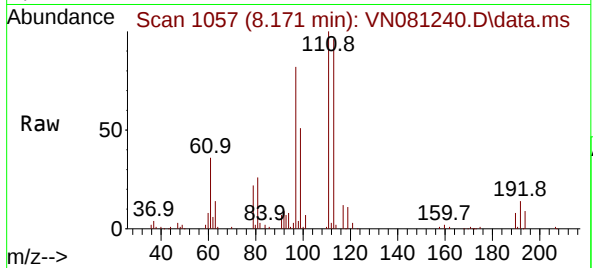
Tgt Ion:114 Resp: 427628
Ion Ratio Lower Upper
114 100
63 19.9 0.0 48.0
88 15.2 0.0 34.8





#35
Dibromofluoromethane
Concen: 53.367 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

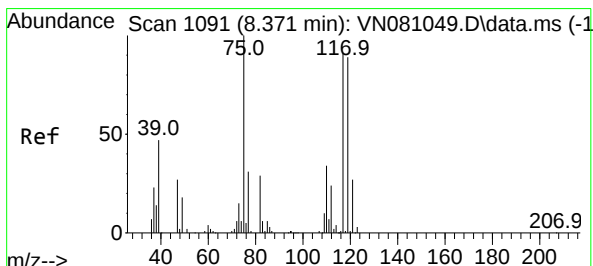
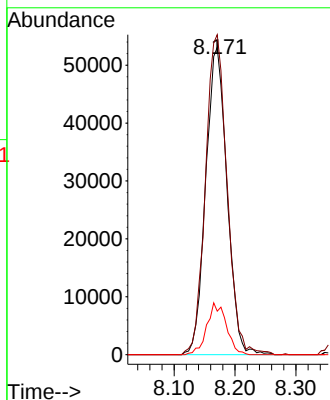
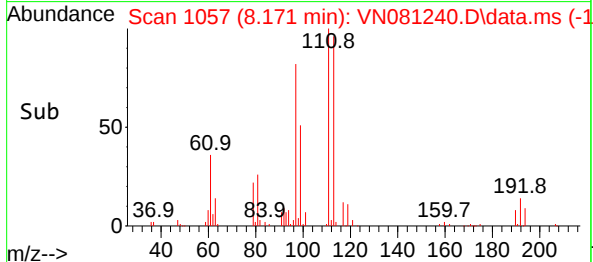
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



Tgt Ion: 113 Resp: 12904
Ion Ratio Lower Upper
113 100
111 105.6 82.2 123.4
192 15.5 12.5 18.7

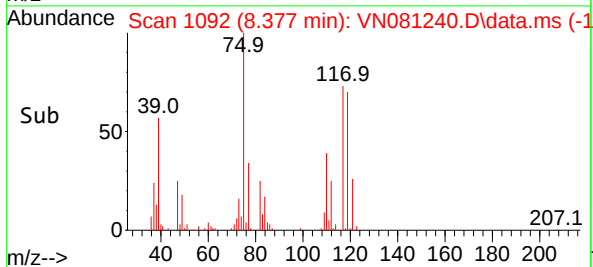
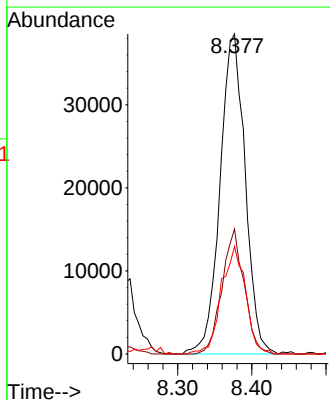
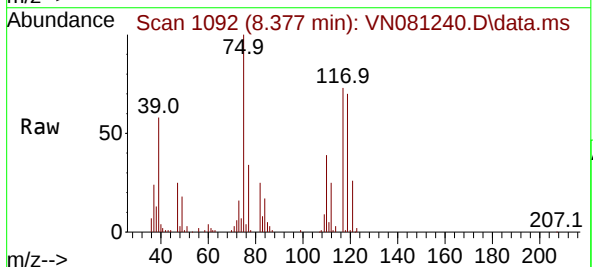
Manual Integrations
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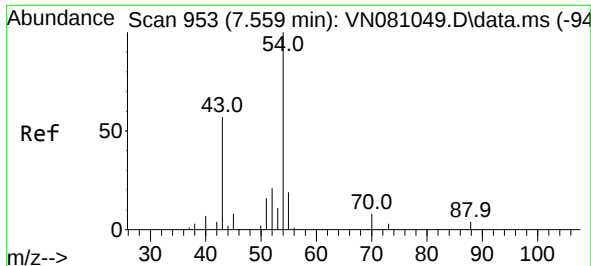
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#36
1,1-Dichloropropene
Concen: 21.898 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

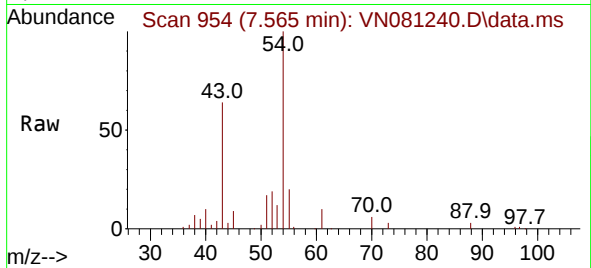
Tgt Ion: 75 Resp: 90719
Ion Ratio Lower Upper
75 100
110 34.4 16.0 48.0
77 32.6 25.8 38.6





#37
Ethyl Acetate
Concen: 24.788 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

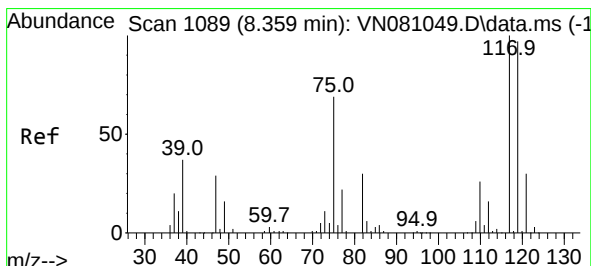
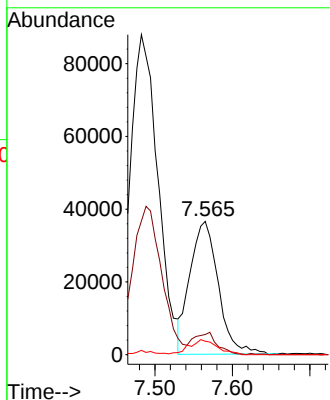
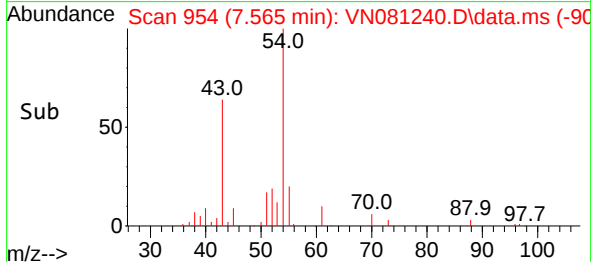
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



Tgt Ion: 43 Resp: 92678
Ion Ratio Lower Upper
43 100
61 13.7 10.6 15.8
70 11.1 8.0 12.0

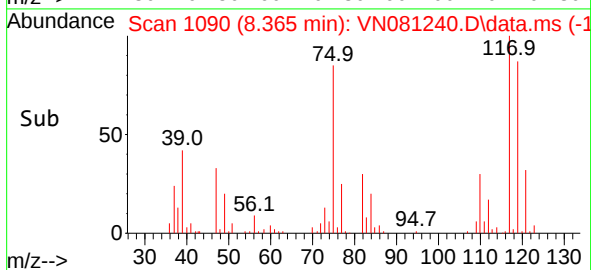
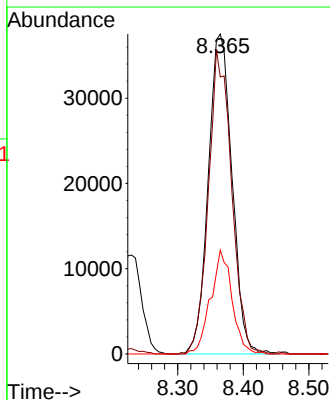
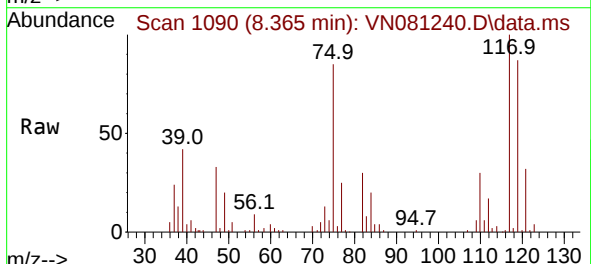
Manual Integrations
APPROVED

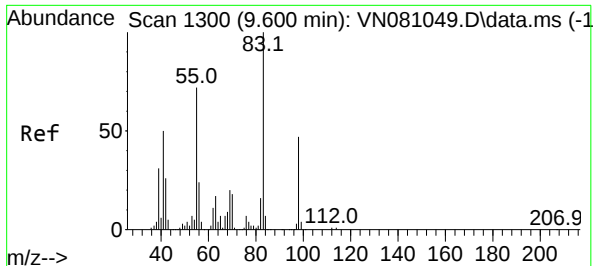
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#38
Carbon Tetrachloride
Concen: 22.527 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion:117 Resp: 94419
Ion Ratio Lower Upper
117 100
119 86.6 73.4 110.2
121 32.4 24.4 36.6





#39

Methylcyclohexane

Concen: 21.514 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN081240.D

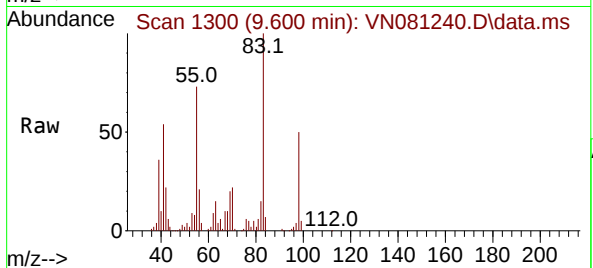
Acq: 28 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS02



Tgt Ion: 83 Resp: 103898

Ion Ratio Lower Upper

83 100

55 72.7 65.7 98.5

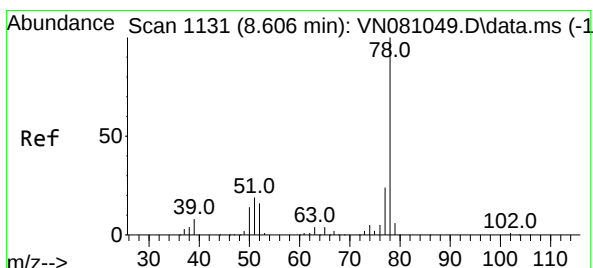
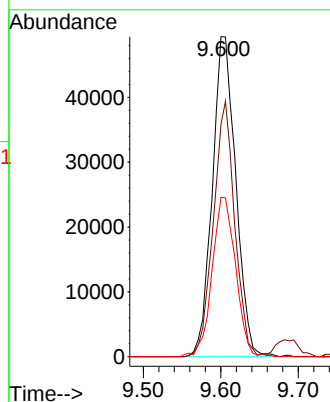
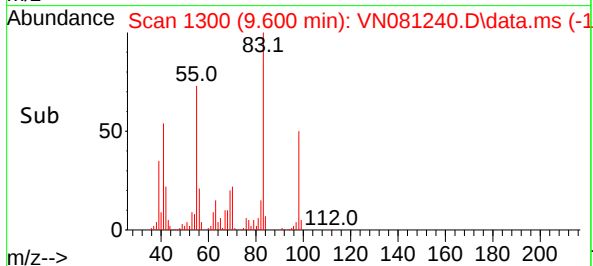
98 49.8 33.8 50.6

Manual Integrations

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#40

Benzene

Concen: 22.987 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081240.D

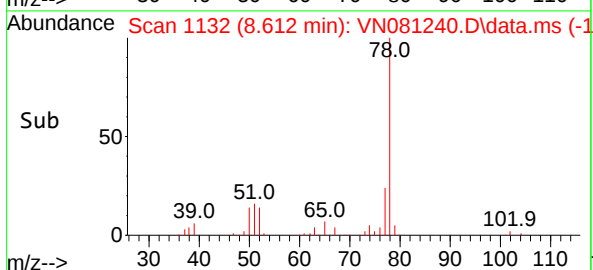
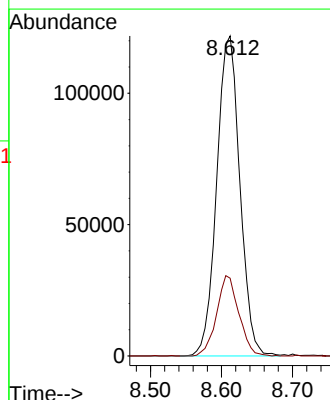
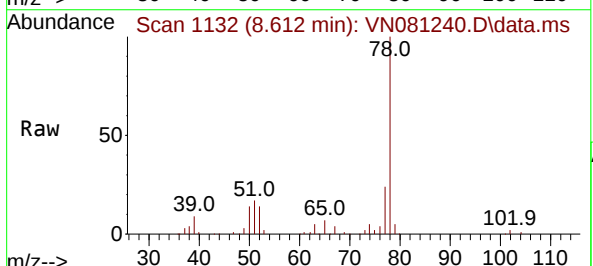
Acq: 28 Feb 2024 14:05

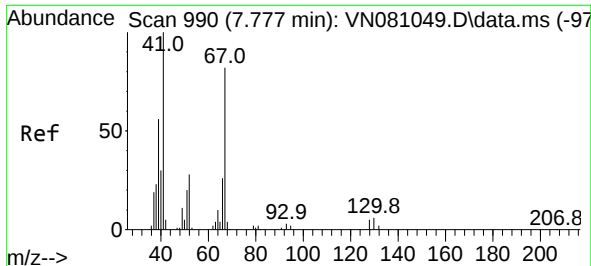
Tgt Ion: 78 Resp: 275639

Ion Ratio Lower Upper

78 100

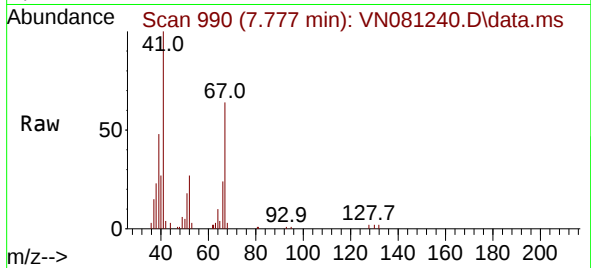
77 24.3 20.4 30.6





#41
Methacrylonitrile
Concen: 24.337 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

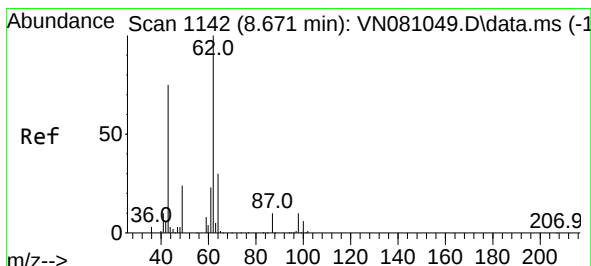
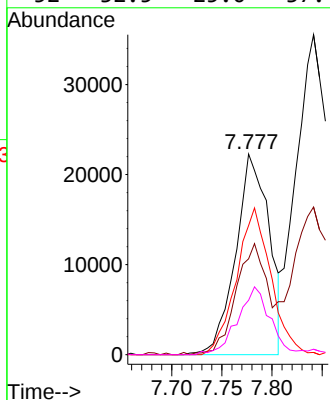
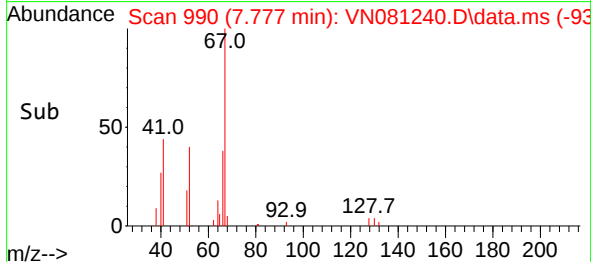
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



Tgt Ion: 41 Resp: 51780
Ion Ratio Lower Upper
41 100
39 54.8 48.4 72.6
67 75.3 56.8 85.2
52 32.5 25.0 37.4

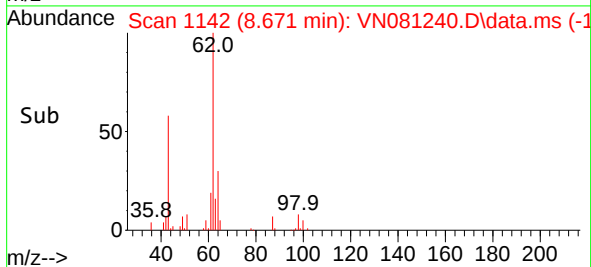
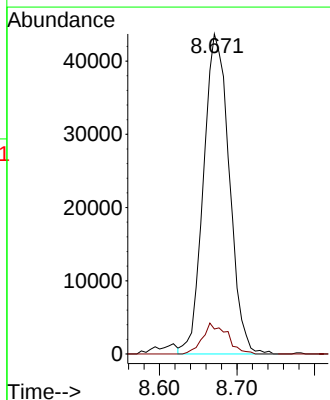
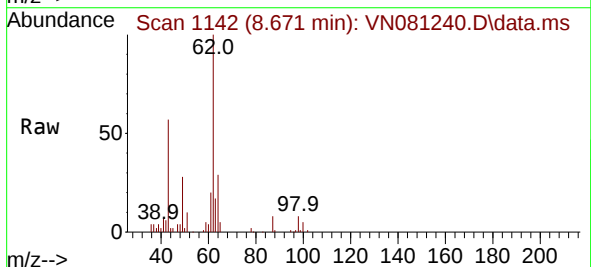
Manual Integrations
APPROVED

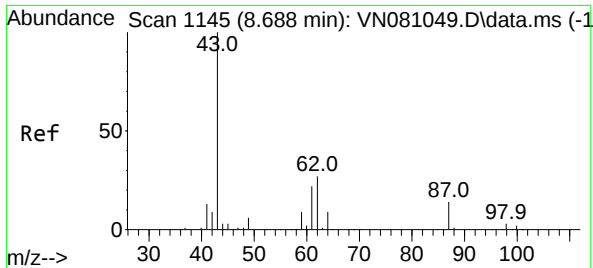
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#42
1,2-Dichloroethane
Concen: 24.159 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion: 62 Resp: 101071
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0





#43

Isopropyl Acetate

Concen: 24.208 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS02

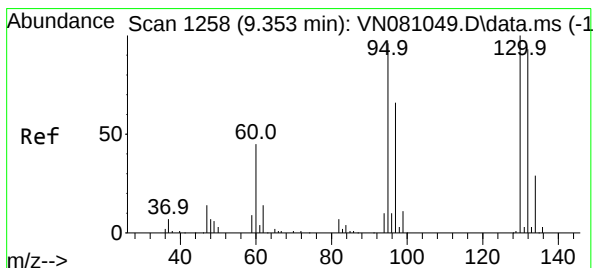
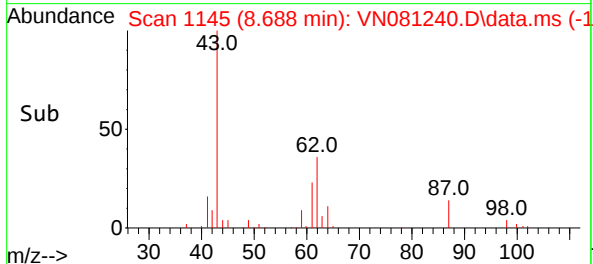
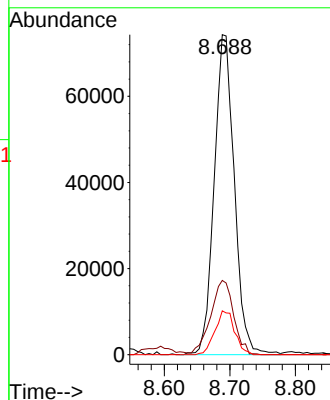
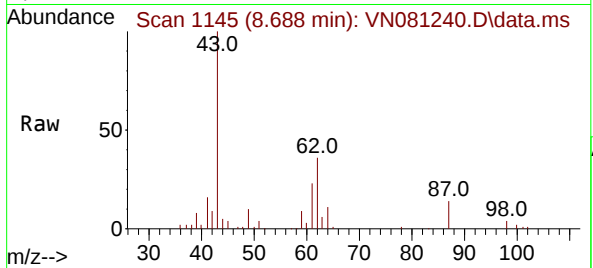
Tgt Ion: 43 Resp: 158298
 Ion Ratio Lower Upper
 43 100
 61 26.5 19.9 29.9
 87 13.5 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#44

Trichloroethene

Concen: 21.716 ug/l

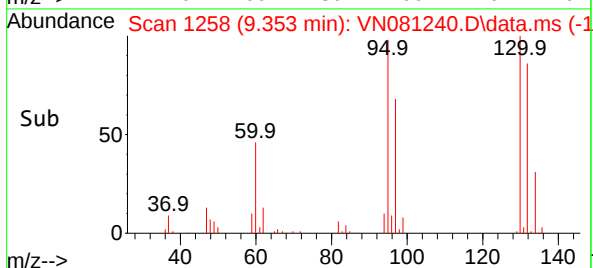
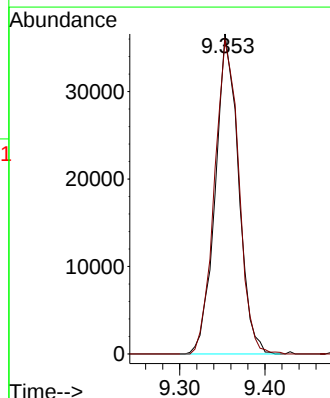
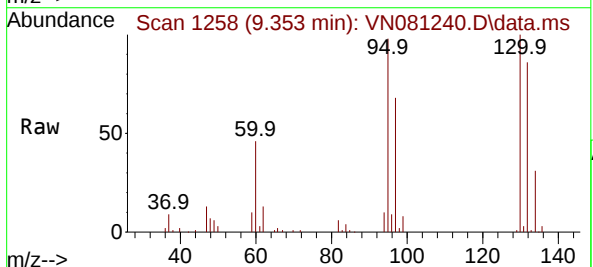
RT: 9.353 min Scan# 1258

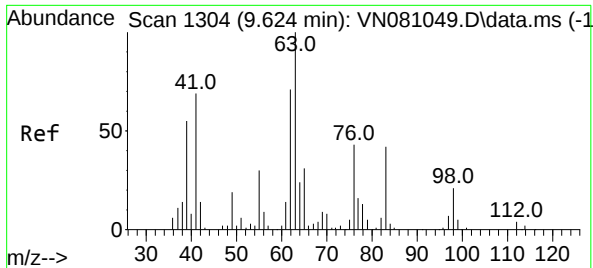
Delta R.T. -0.000 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Tgt Ion:130 Resp: 69356
 Ion Ratio Lower Upper
 130 100
 95 97.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 23.403 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS02

Tgt Ion: 63 Resp: 7019

Ion Ratio Lower Upper

63 100

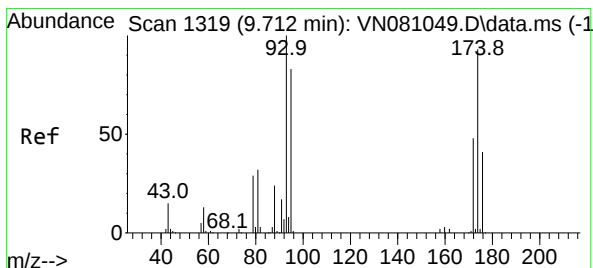
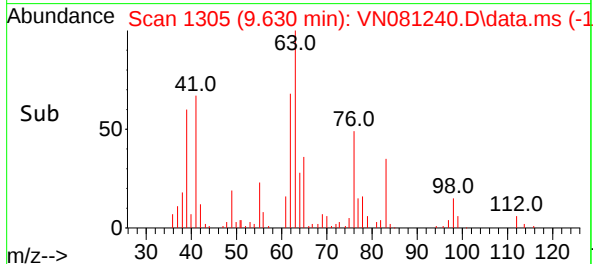
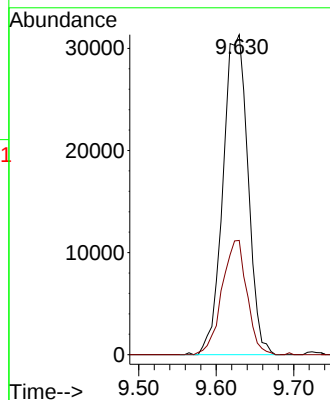
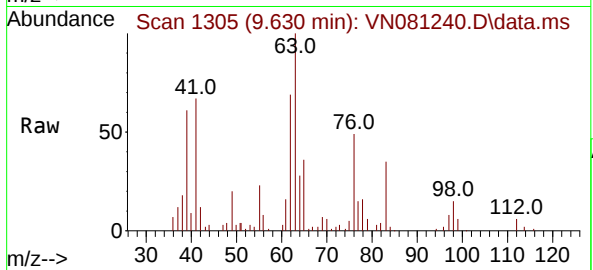
65 35.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#46

Dibromomethane

Concen: 24.730 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

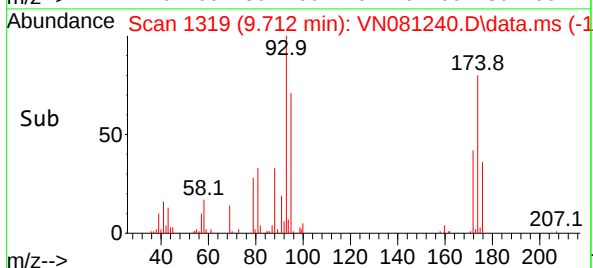
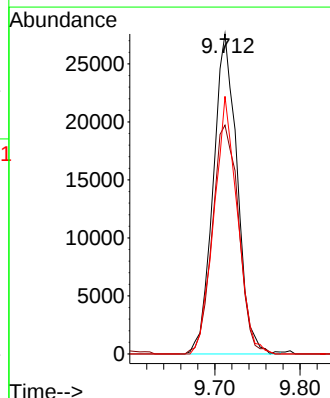
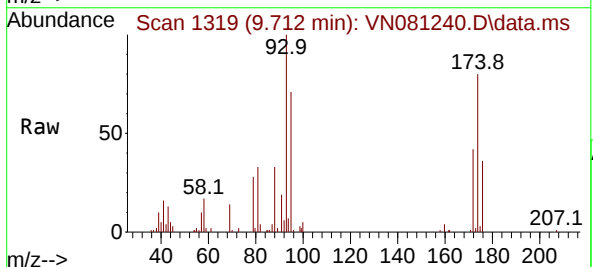
Tgt Ion: 93 Resp: 54047

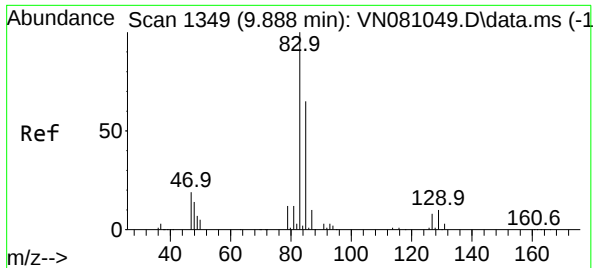
Ion Ratio Lower Upper

93 100

95 78.5 68.1 102.1

174 78.7 57.2 85.8





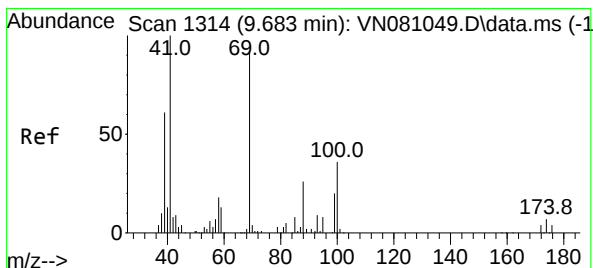
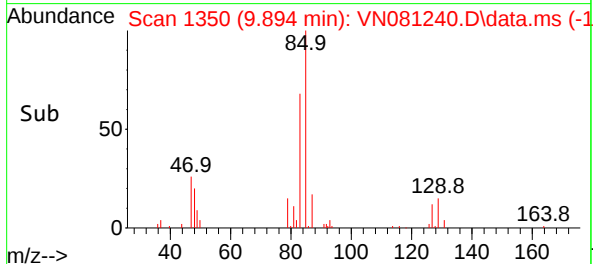
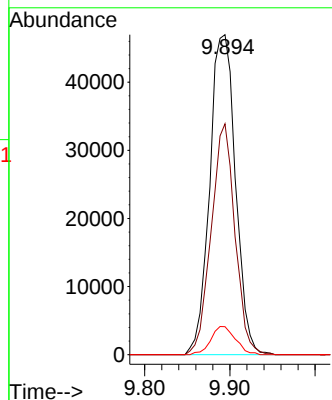
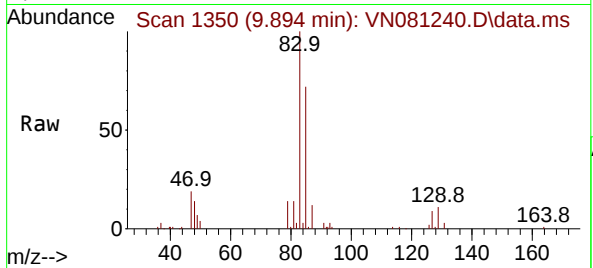
#47
Bromodichloromethane
Concen: 23.875 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion: 83 Resp: 9882
Ion Ratio Lower Upper
83 100
85 72.2 52.3 78.5
127 8.8 4.6 7.0

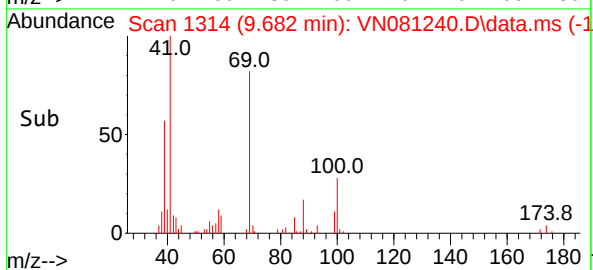
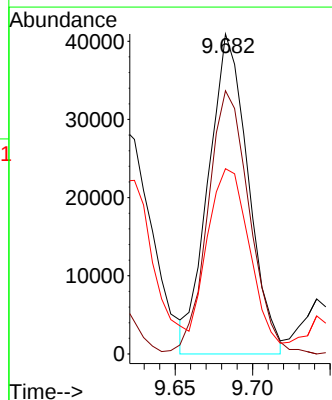
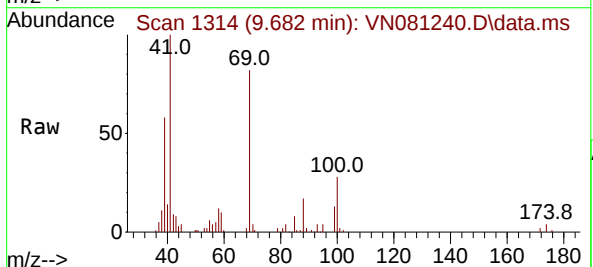
Manual Integrations
APPROVED

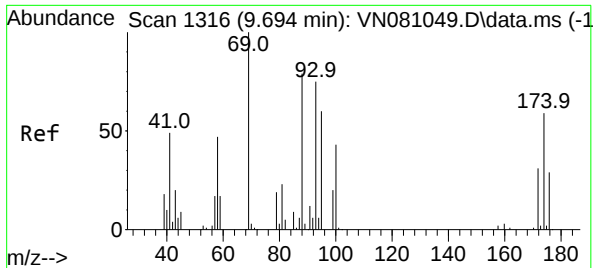
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#48
Methyl methacrylate
Concen: 24.052 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion: 41 Resp: 73182
Ion Ratio Lower Upper
41 100
69 86.2 62.2 93.2
39 62.9 47.6 71.4





#49

1,4-Dioxane

Concen: 522.895 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS02

Tgt Ion: 88 Resp: 30344

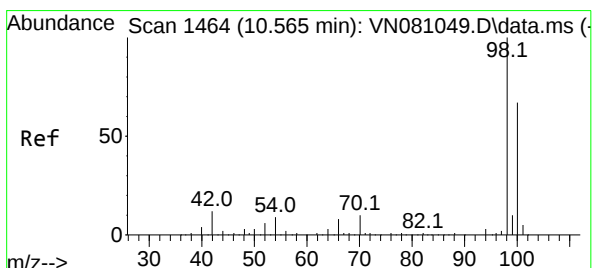
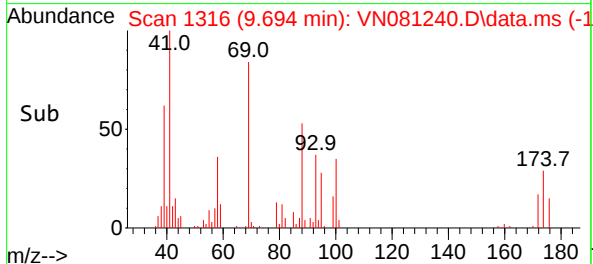
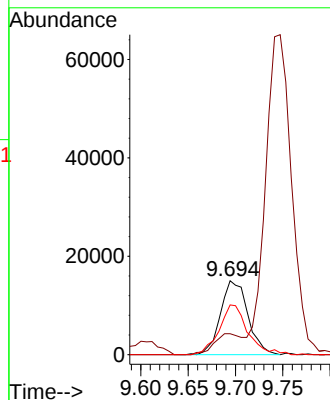
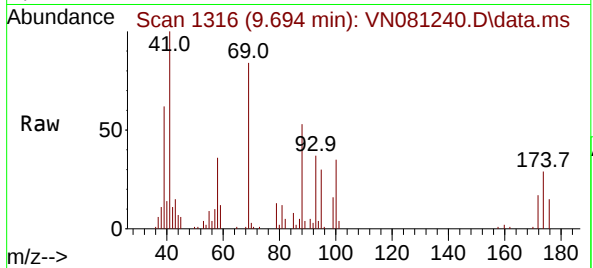
Ion	Ratio	Lower	Upper
88	100		
43	31.1	30.1	45.1
58	70.1	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#50

Toluene-d8

Concen: 49.273 ug/l

RT: 10.571 min Scan# 1465

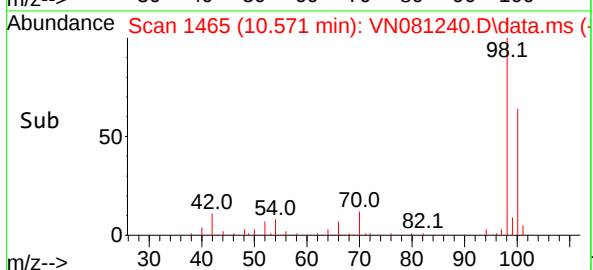
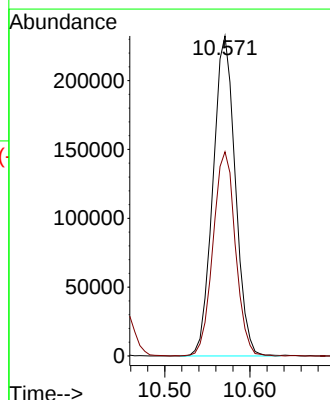
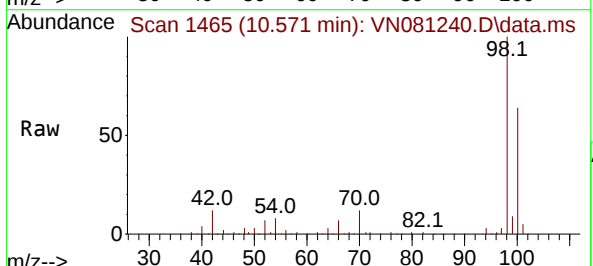
Delta R.T. 0.006 min

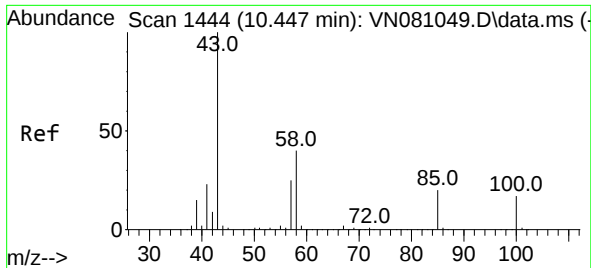
Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Tgt Ion: 98 Resp: 423182

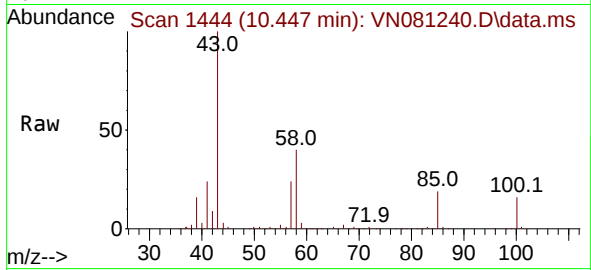
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0





#51
4-Methyl-2-Pentanone
Concen: 131.293 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

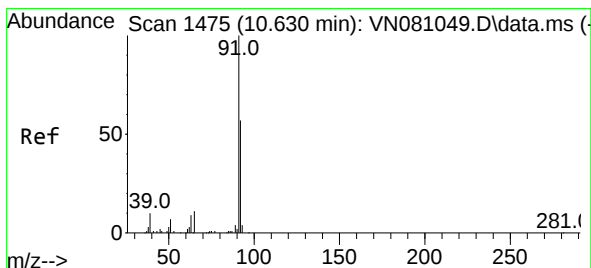
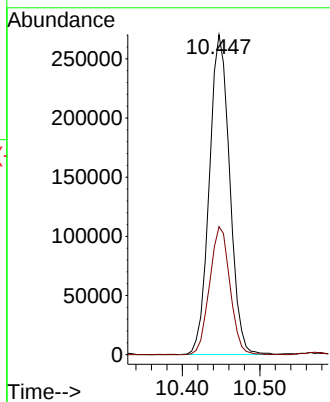
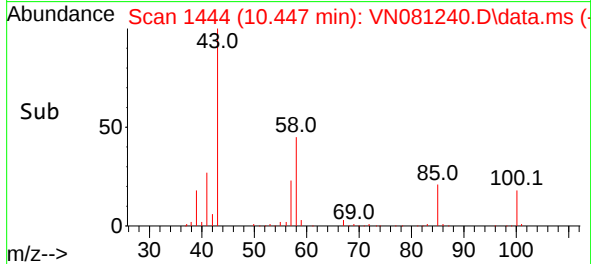
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



Tgt Ion: 43 Resp: 493868
Ion Ratio Lower Upper
43 100
58 40.1 29.4 44.0

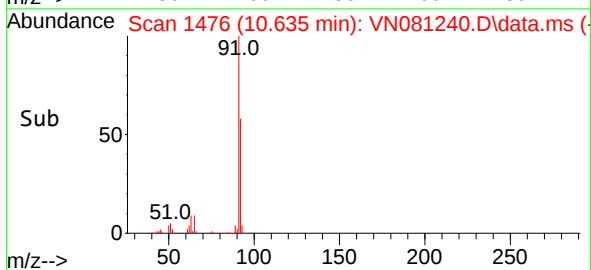
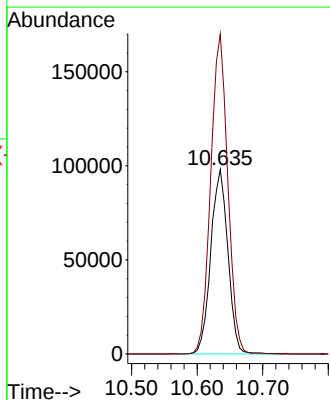
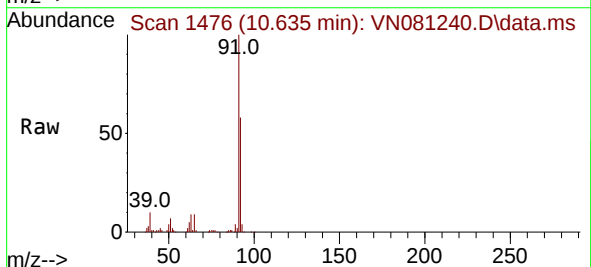
Manual Integrations
APPROVED

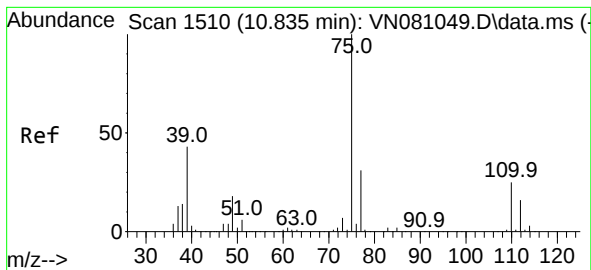
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#52
Toluene
Concen: 23.360 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

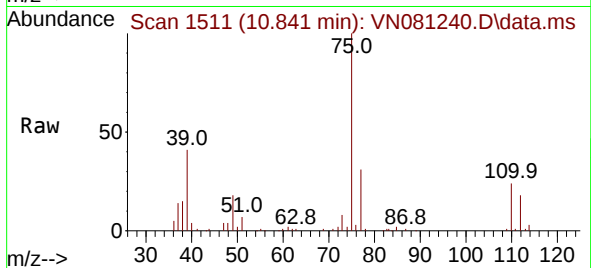
Tgt Ion: 92 Resp: 177334
Ion Ratio Lower Upper
92 100
91 173.4 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 22.987 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.006 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05

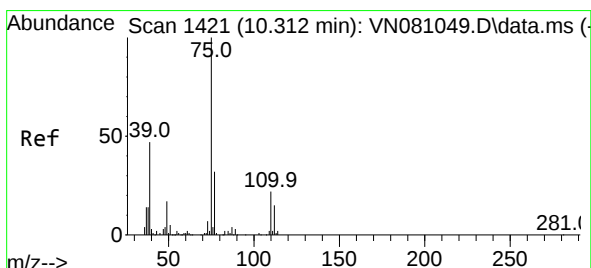
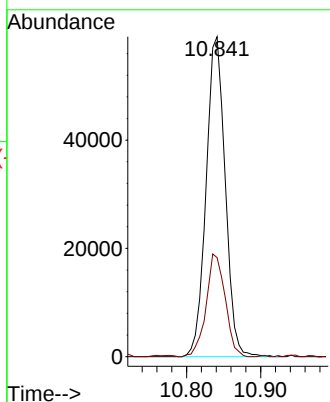
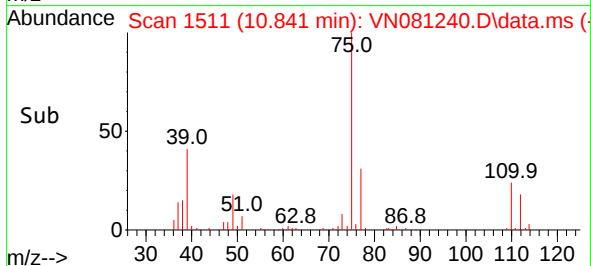
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS02



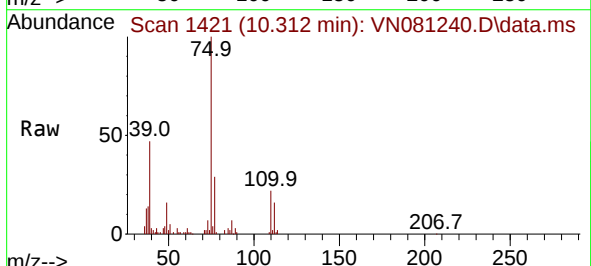
Tgt Ion: 75 Resp: 105734
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3

Manual Integrations
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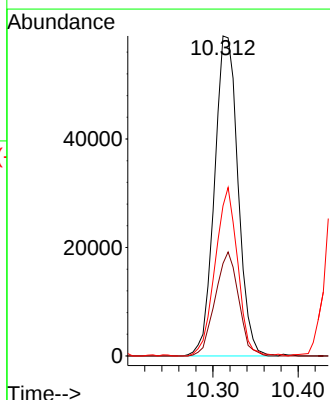
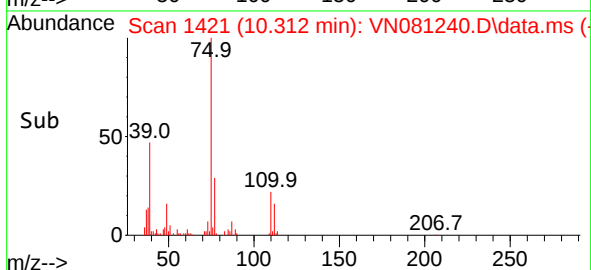
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

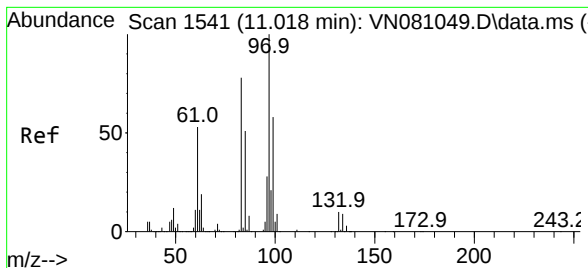


#54
 cis-1,3-Dichloropropene
 Concen: 22.756 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05



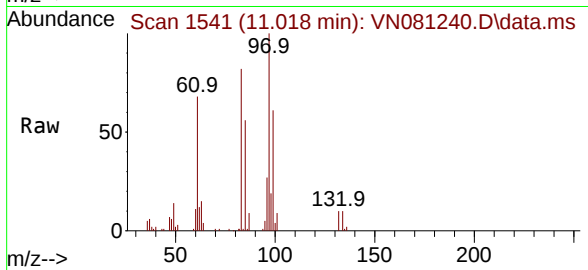
Tgt Ion: 75 Resp: 113091
 Ion Ratio Lower Upper
 75 100
 77 28.9 23.3 34.9
 39 46.9 44.6 66.8





#55
 1,1,2-Trichloroethane
 Concen: 25.703 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS02

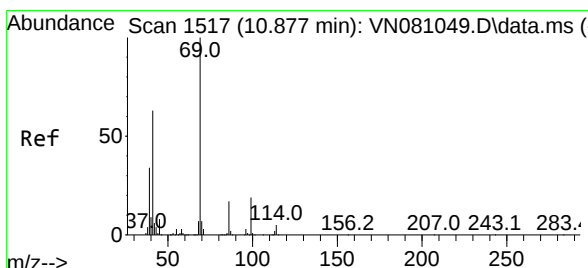
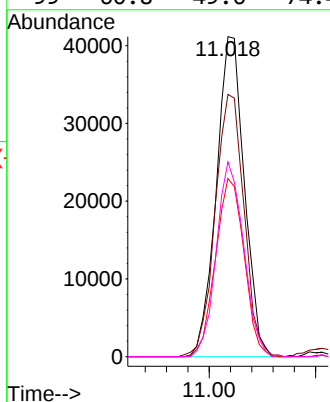
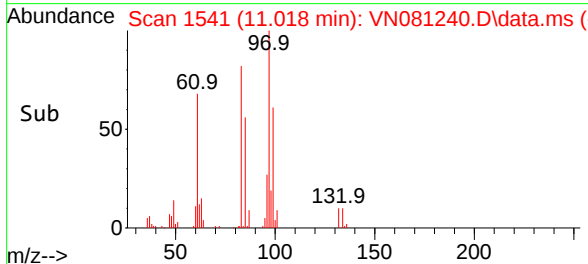


Tgt Ion: 97 Resp: 7504

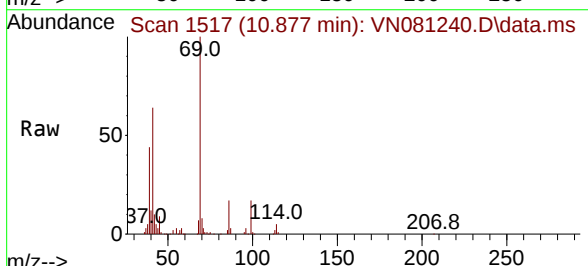
Ion	Ratio	Lower	Upper
97	100		
83	81.9	72.9	109.3
85	55.7	50.2	75.2
99	60.8	49.6	74.4

Manual Integrations
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Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

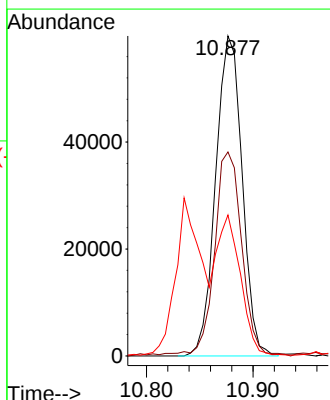
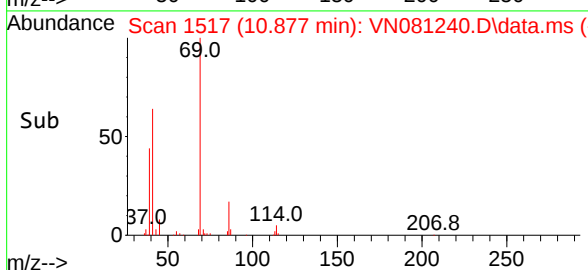


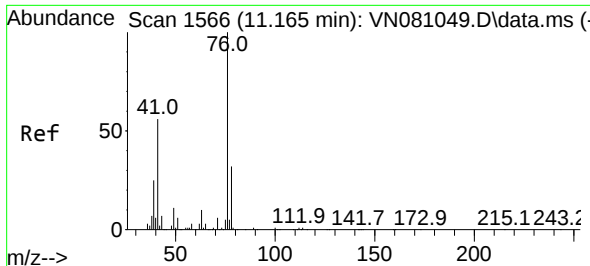
#56
 Ethyl methacrylate
 Concen: 23.132 ug/l
 RT: 10.877 min Scan# 1517
 Delta R.T. -0.000 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05



Tgt Ion: 69 Resp: 103224

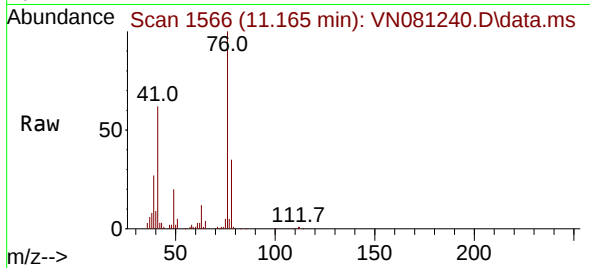
Ion	Ratio	Lower	Upper
69	100		
41	65.8	61.0	91.6
39	40.5	31.8	47.6





#57
1,3-Dichloropropane
Concen: 24.007 ug/l
RT: 11.165 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

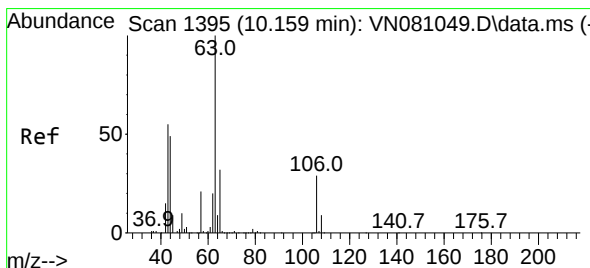
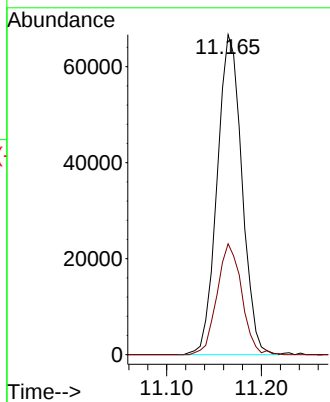
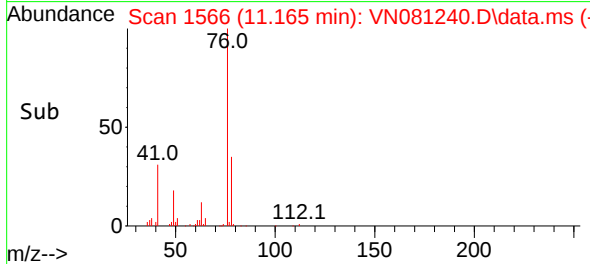
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



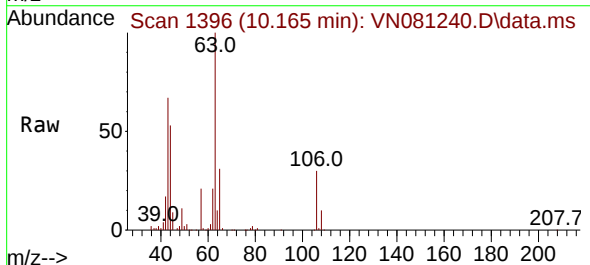
Tgt Ion: 76 Resp: 121197
Ion Ratio Lower Upper
76 100
78 34.5 25.5 38.3

Manual Integrations
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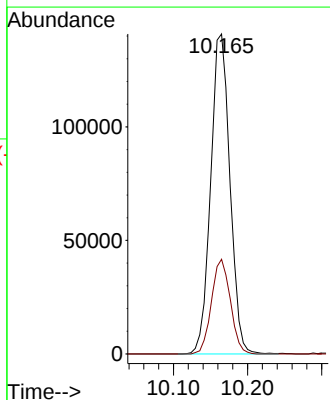
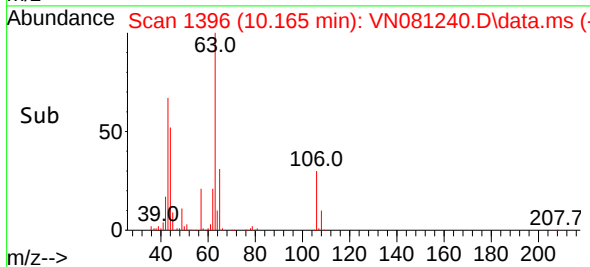
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

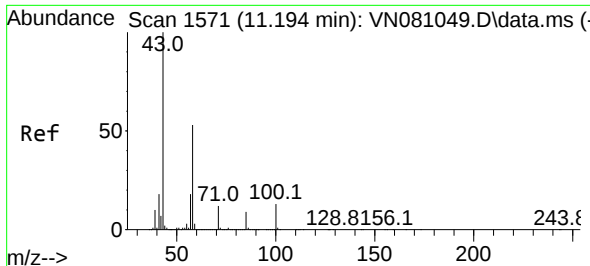


#58
2-Chloroethyl Vinyl ether
Concen: 113.580 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05



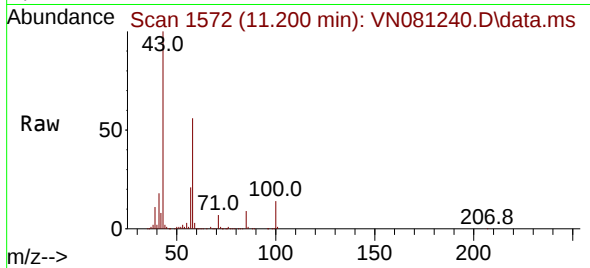
Tgt Ion: 63 Resp: 254299
Ion Ratio Lower Upper
63 100
106 28.9 18.6 28.0#





#59
2-Hexanone
Concen: 121.786 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

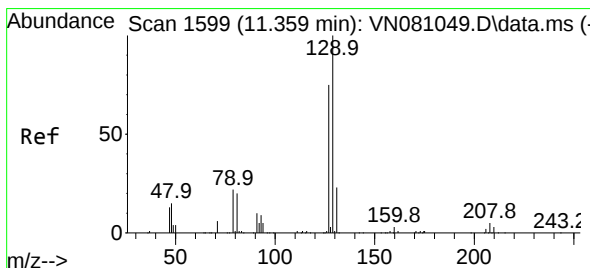
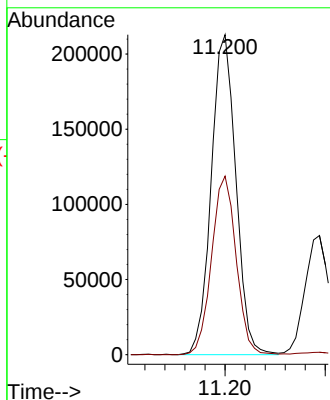
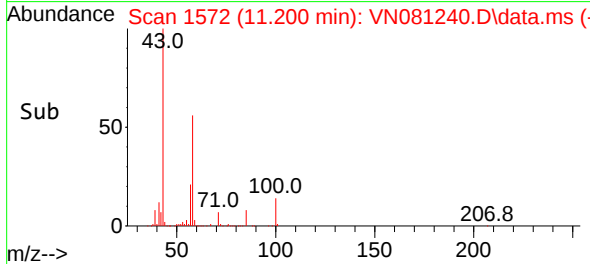
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



Tgt Ion: 43 Resp: 363189
Ion Ratio Lower Upper
43 100
58 55.7 25.9 77.8

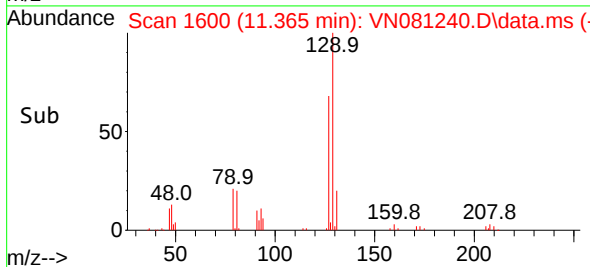
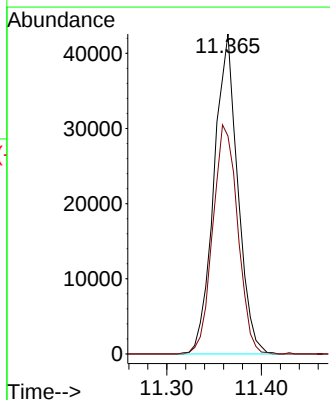
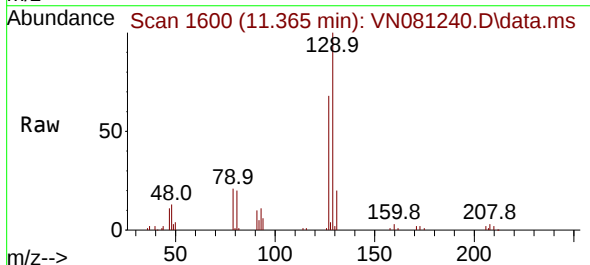
Manual Integrations
APPROVED

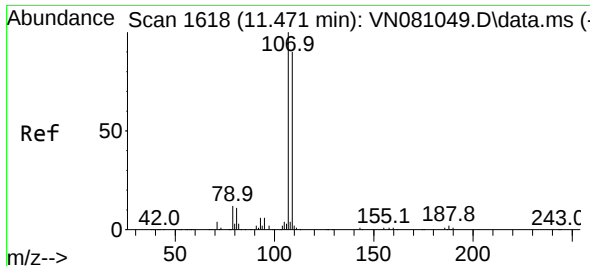
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#60
Dibromochloromethane
Concen: 23.956 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

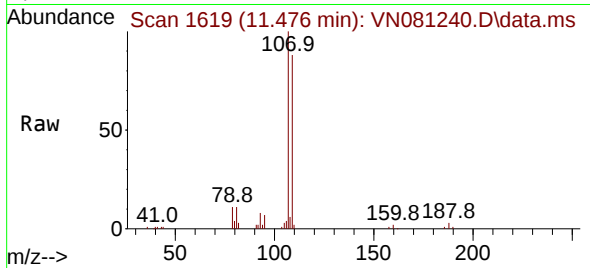
Tgt Ion:129 Resp: 74305
Ion Ratio Lower Upper
129 100
127 75.1 39.4 118.2





#61
1,2-Dibromoethane
Concen: 24.105 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

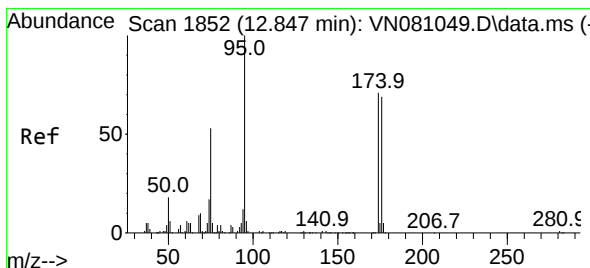
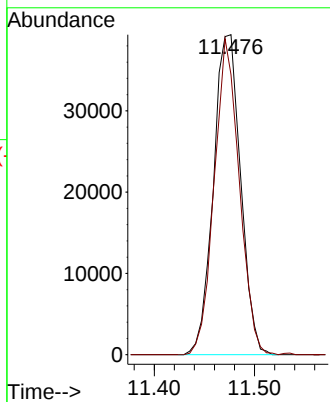
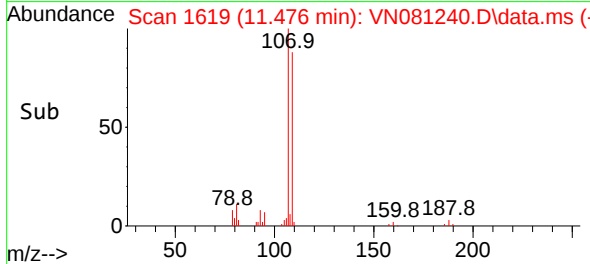
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



Tgt Ion:107 Resp: 74010
Ion Ratio Lower Upper
107 100
109 91.0 73.4 110.2

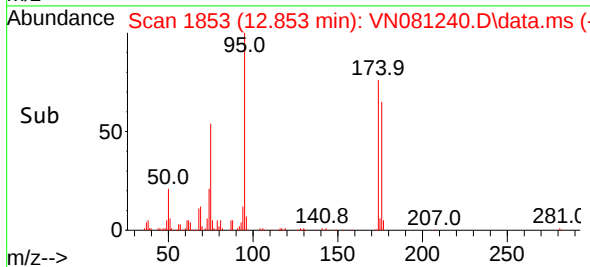
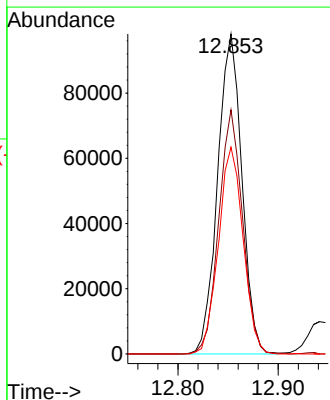
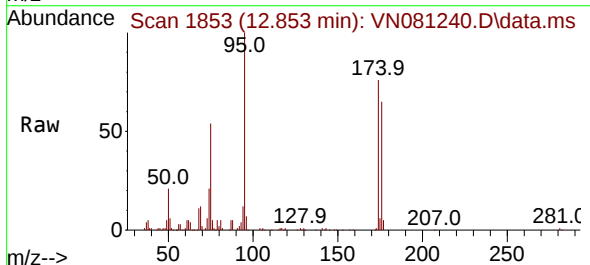
Manual Integrations
APPROVED

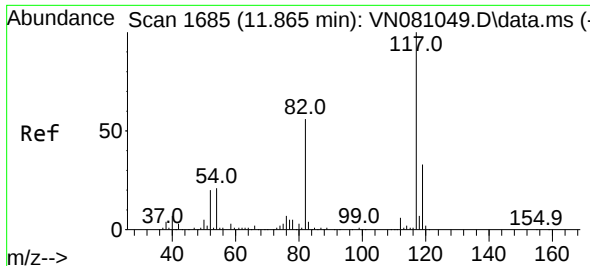
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#62
4-Bromofluorobenzene
Concen: 51.031 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

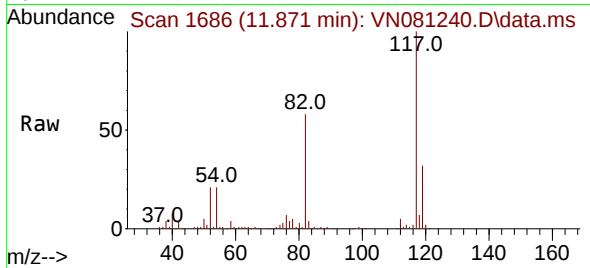
Tgt Ion: 95 Resp: 164684
Ion Ratio Lower Upper
95 100
174 74.6 0.0 120.4
176 65.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

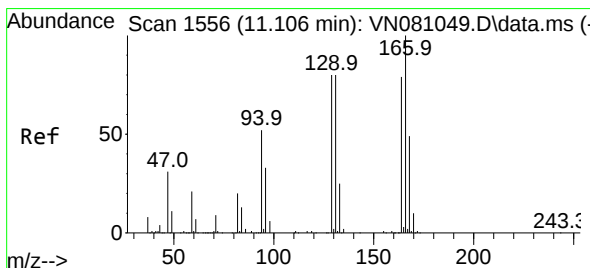
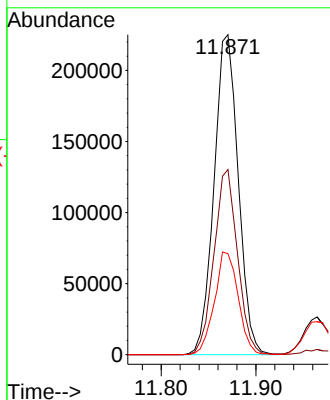
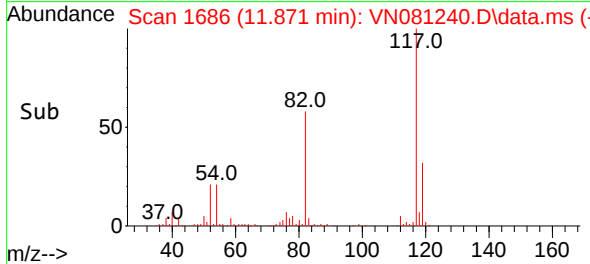
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



Tgt Ion:117 Resp: 400600
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 31.6 25.3 37.9

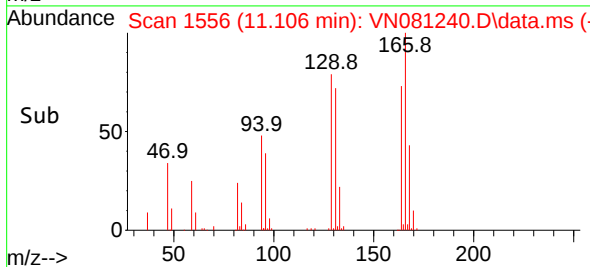
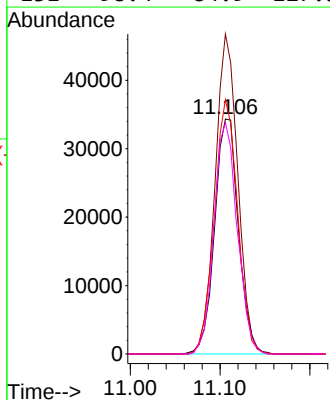
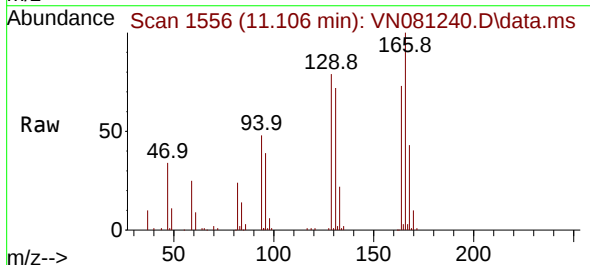
Manual Integrations
APPROVED

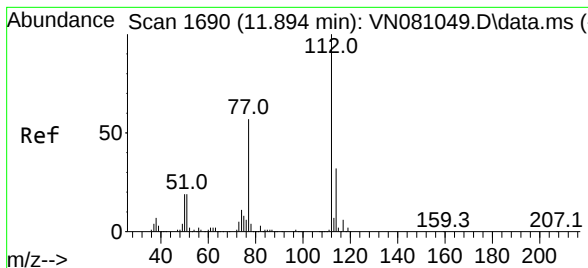
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#64
Tetrachloroethene
Concen: 23.109 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

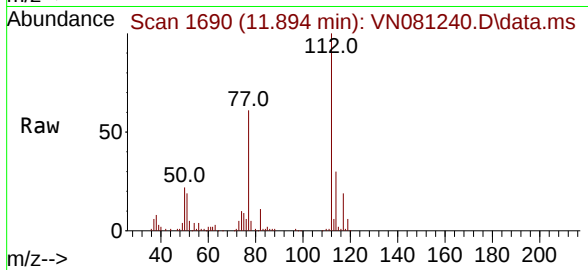
Tgt Ion:164 Resp: 63183
Ion Ratio Lower Upper
164 100
166 136.2 105.8 158.6
129 108.2 89.6 134.4
131 98.4 84.9 127.3





#65
Chlorobenzene
Concen: 21.519 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

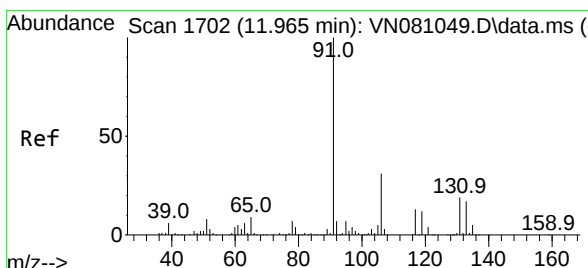
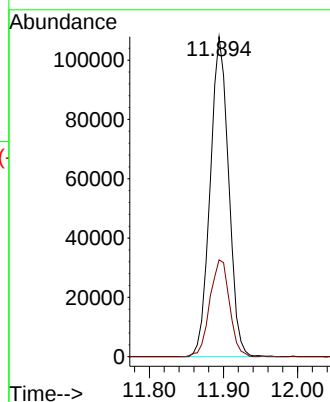
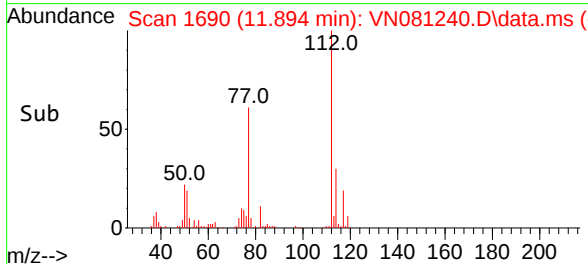
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



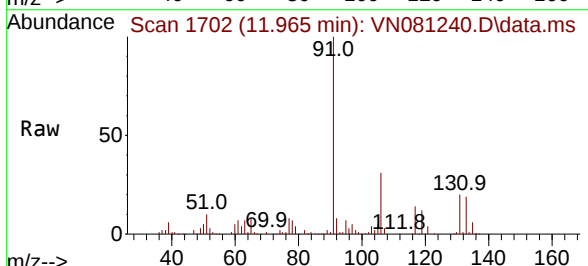
Tgt Ion:112 Resp: 186573
Ion Ratio Lower Upper
112 100
114 30.2 23.7 35.5

Manual Integrations
APPROVED

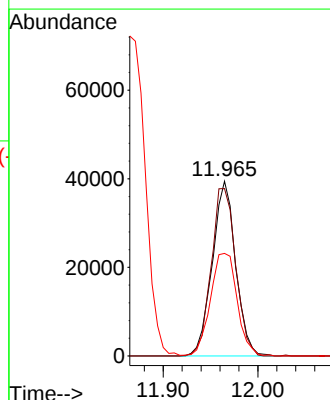
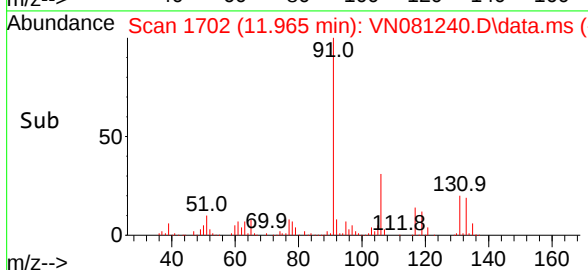
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

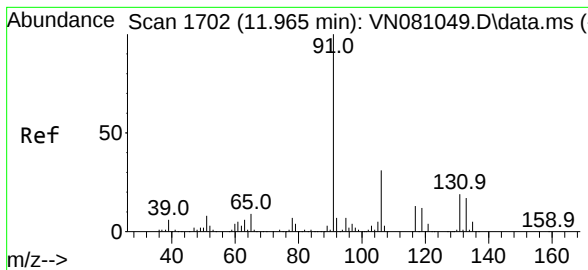


#66
1,1,1,2-Tetrachloroethane
Concen: 21.667 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05



Tgt Ion:131 Resp: 67473
Ion Ratio Lower Upper
131 100
133 100.5 46.8 140.3
119 67.4 34.6 103.9





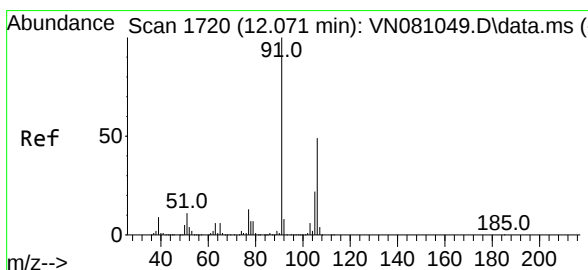
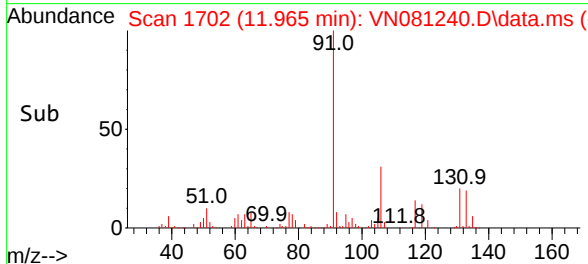
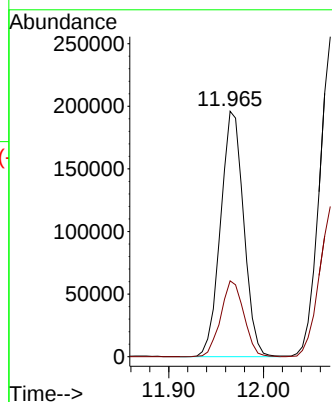
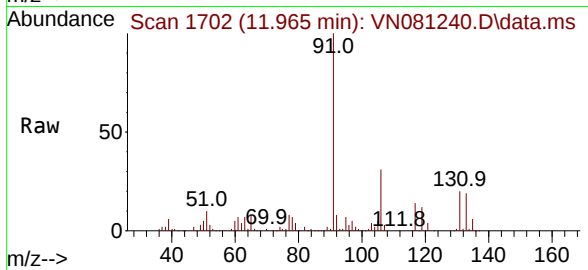
#67
Ethyl Benzene
Concen: 21.472 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion: 91 Resp: 333128
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6

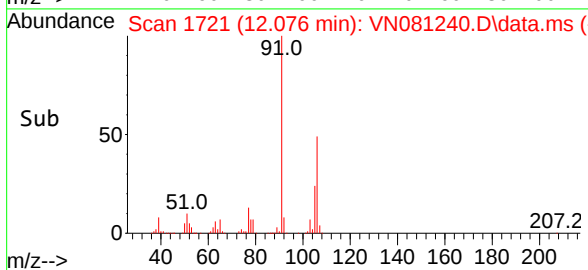
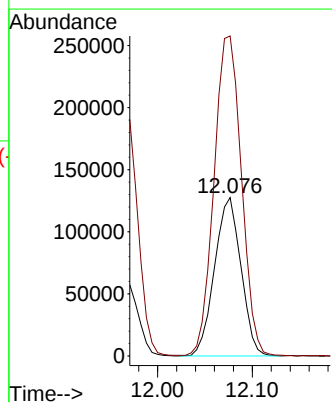
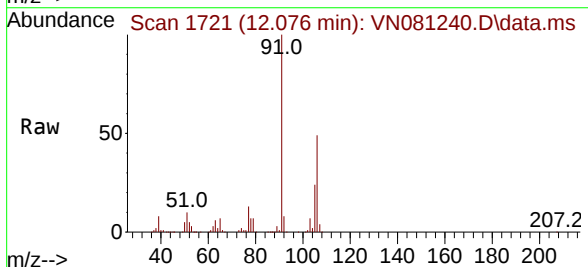
Manual Integrations
APPROVED

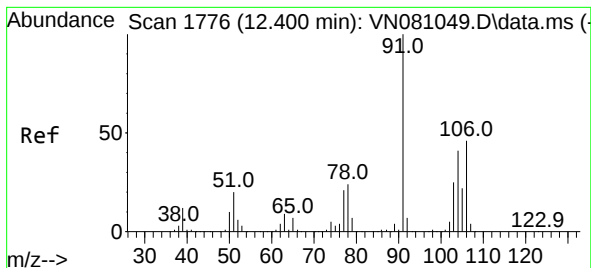
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#68
m/p-Xylenes
Concen: 41.512 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion:106 Resp: 246863
Ion Ratio Lower Upper
106 100
91 210.1 169.0 253.6





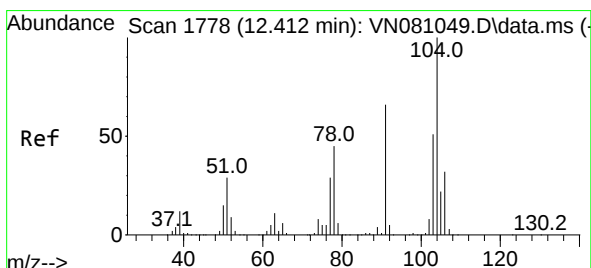
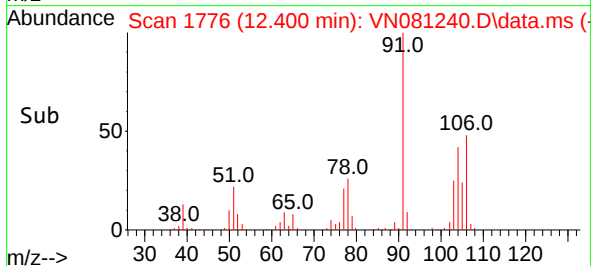
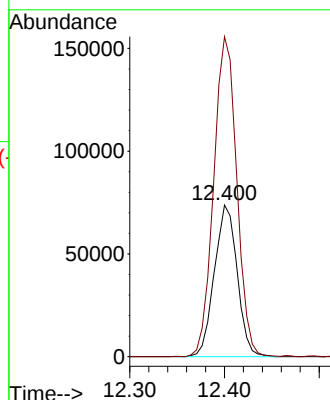
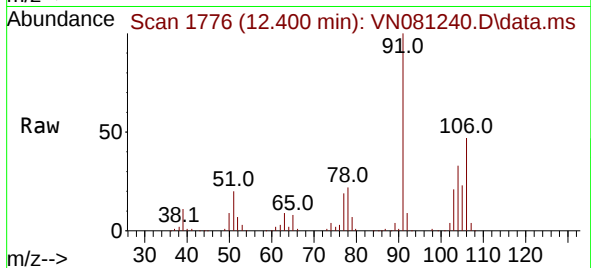
#69
o-Xylene
Concen: 20.923 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion:106 Resp: 12333
Ion Ratio Lower Upper
106 100
91 213.7 112.1 336.3

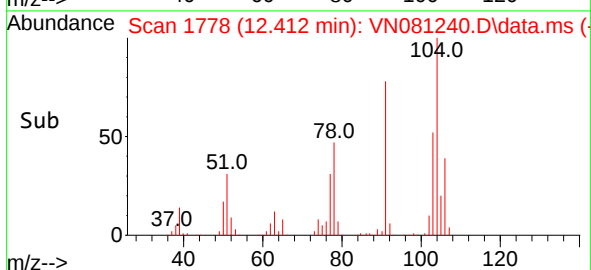
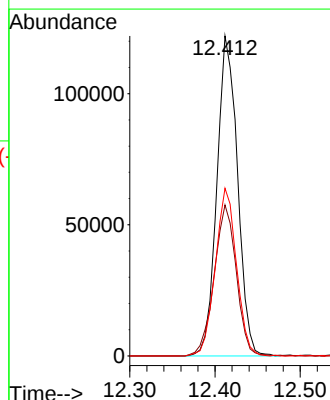
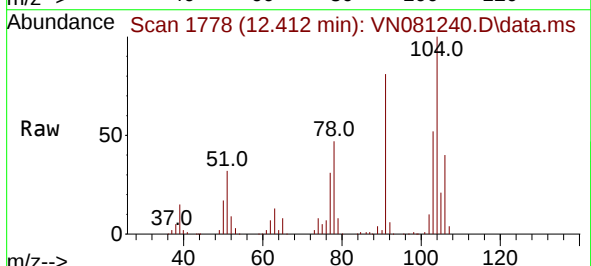
Manual Integrations
APPROVED

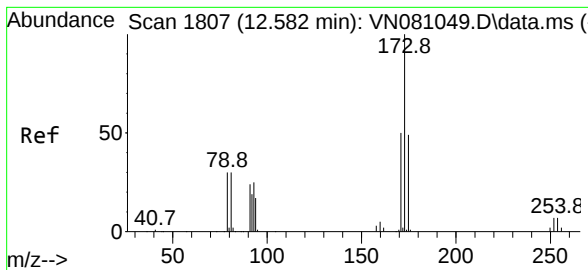
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#70
Styrene
Concen: 21.974 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion:104 Resp: 205257
Ion Ratio Lower Upper
104 100
78 50.5 43.8 65.8
103 53.8 44.2 66.2





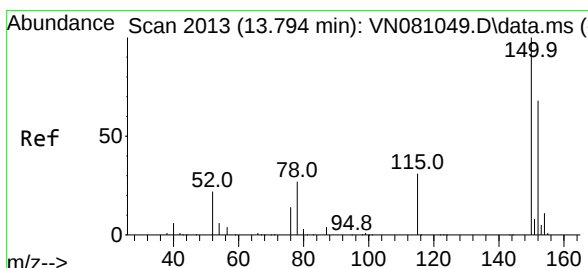
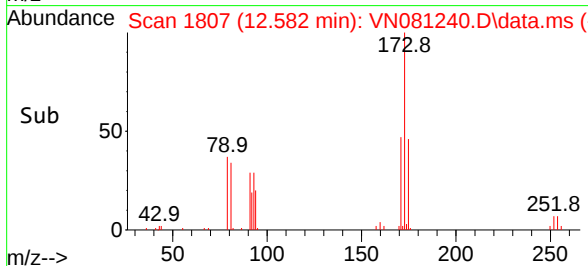
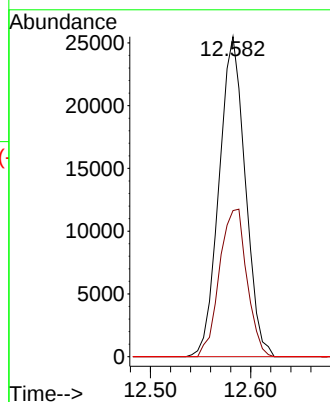
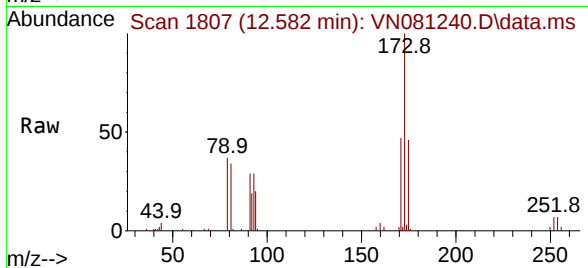
#71
Bromoform
Concen: 23.397 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion:173 Resp: 46220
Ion Ratio Lower Upper
173 100
175 48.3 23.1 69.2
254 0.0 0.0 0.0

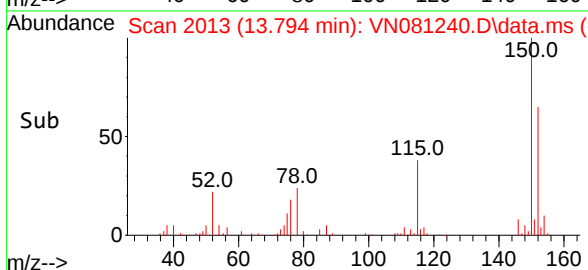
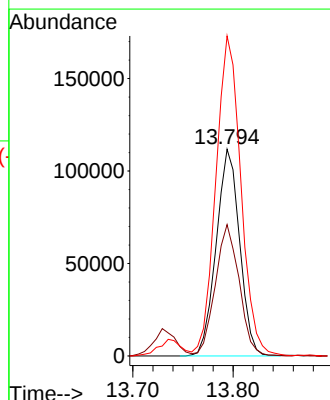
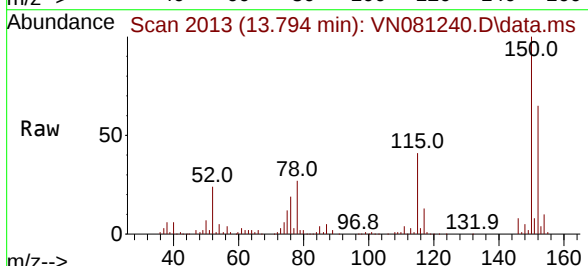
Manual Integrations
APPROVED

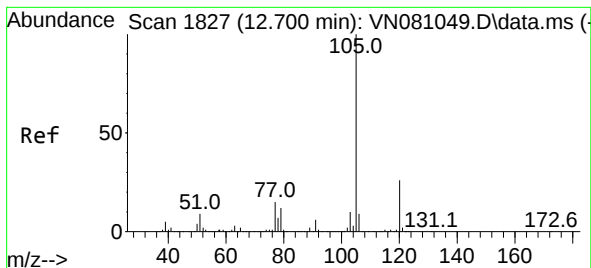
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion:152 Resp: 181287
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 165.0 0.0 339.8





#73

Isopropylbenzene

Concen: 20.355 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS02

Tgt Ion:105 Resp: 32285

Ion Ratio Lower Upper

105 100

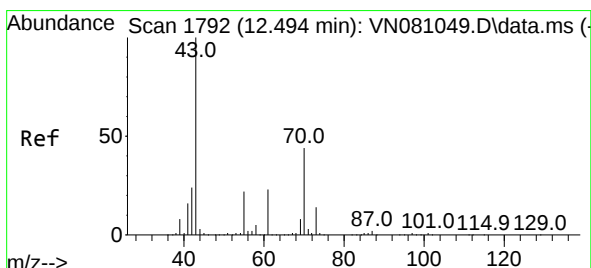
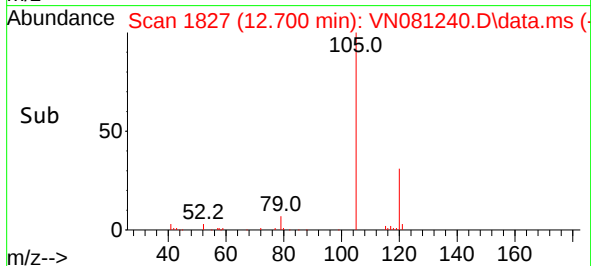
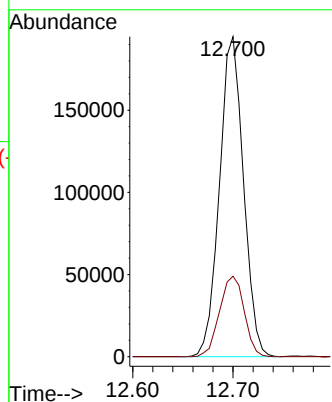
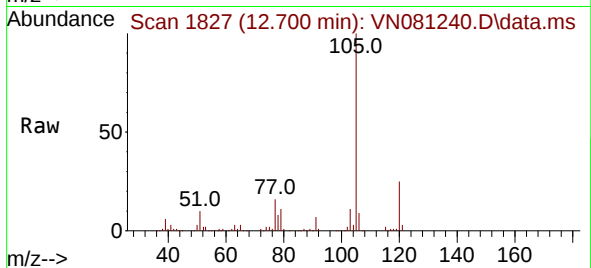
120 25.8 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#74

N-ethyl acetate

Concen: 19.959 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Tgt Ion: 43 Resp: 133800

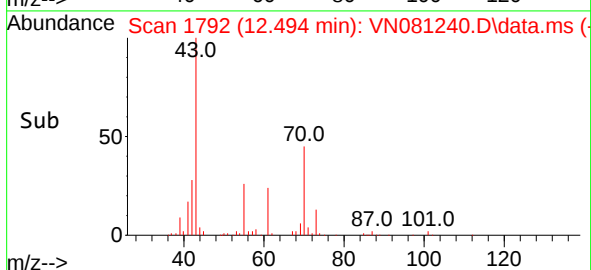
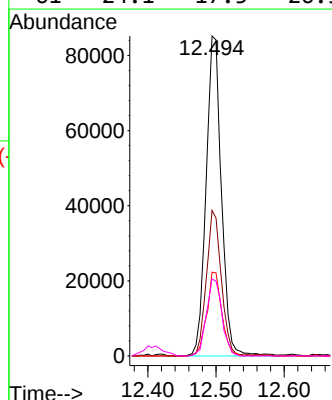
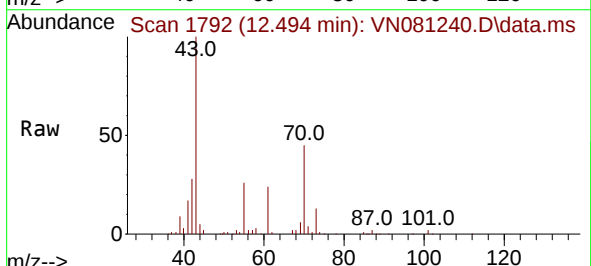
Ion Ratio Lower Upper

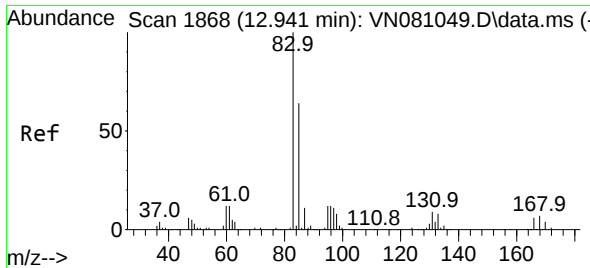
43 100

70 44.3 30.1 45.1

55 25.6 17.0 25.4#

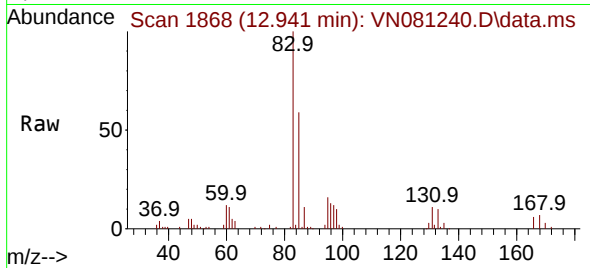
61 24.1 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 23.635 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

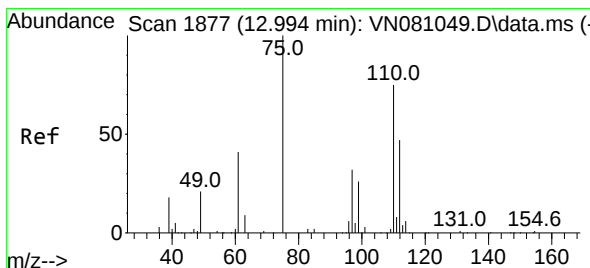
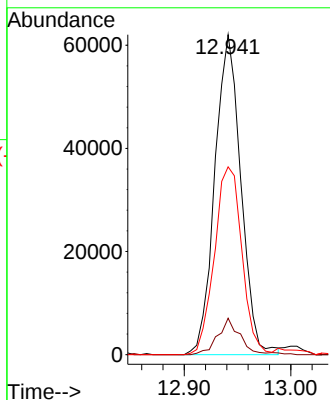
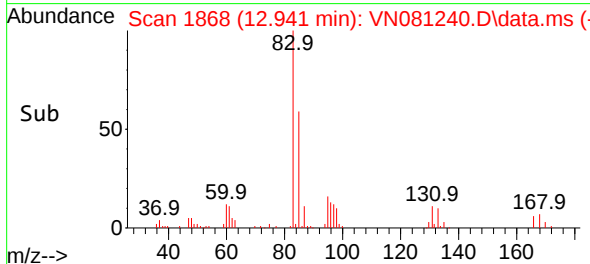
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



Tgt Ion: 83 Resp: 105414
Ion Ratio Lower Upper
83 100
131 9.9 4.1 12.3
85 61.8 32.1 96.3

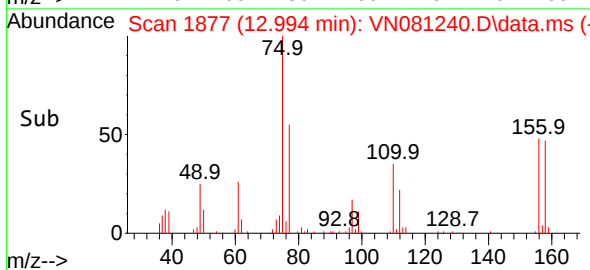
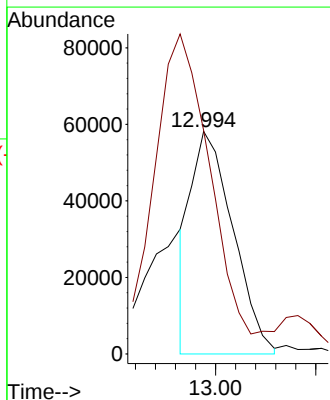
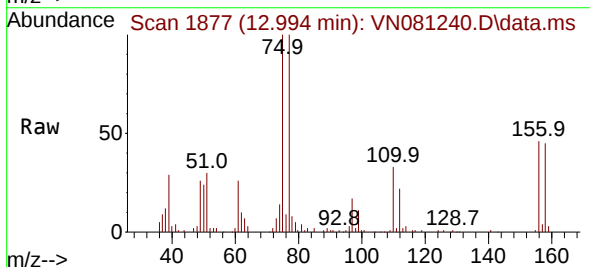
Manual Integrations
APPROVED

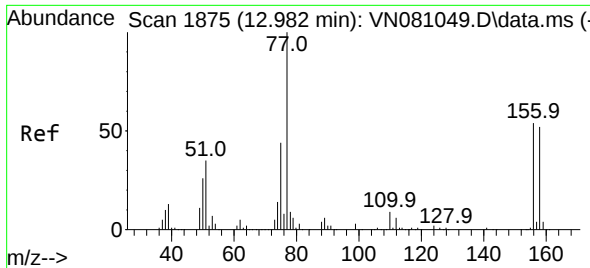
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#76
1,2,3-Trichloropropane
Concen: 20.535 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion: 75 Resp: 84584
Ion Ratio Lower Upper
75 100
77 200.0 91.0 272.8





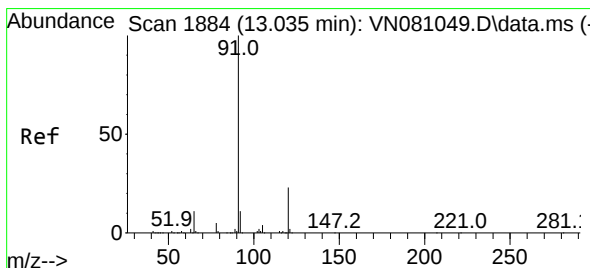
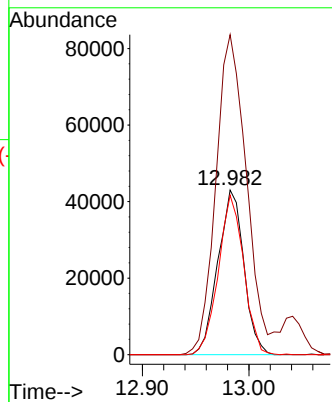
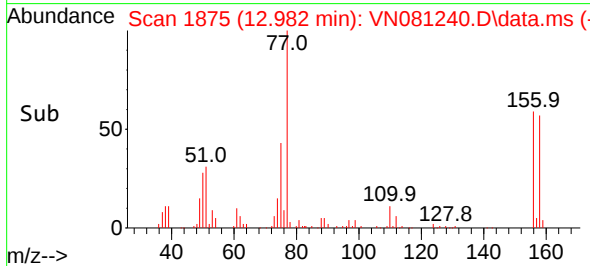
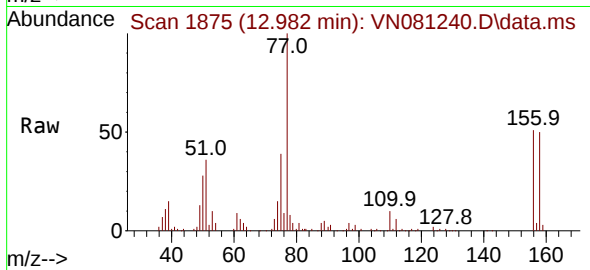
#77
Bromobenzene
Concen: 20.609 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion:156 Resp: 7288
Ion Ratio Lower Upper
156 100
77 232.1 138.1 414.3
158 94.3 46.5 139.5

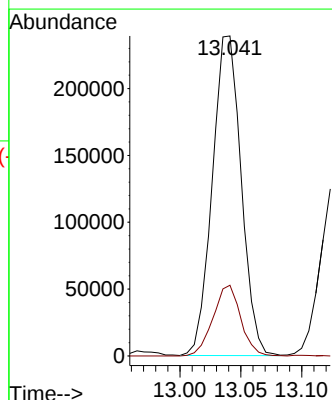
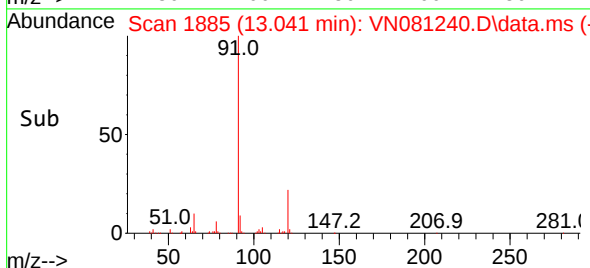
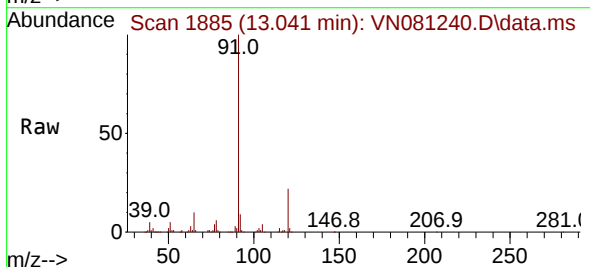
Manual Integrations
APPROVED

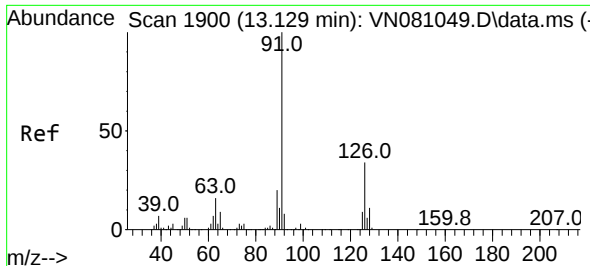
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#78
n-propylbenzene
Concen: 21.629 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

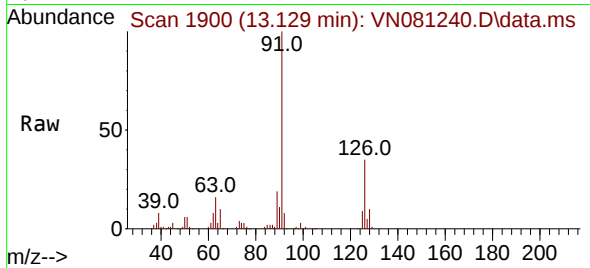
Tgt Ion: 91 Resp: 394926
Ion Ratio Lower Upper
91 100
120 21.2 10.3 30.9





#79
2-Chlorotoluene
Concen: 20.573 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

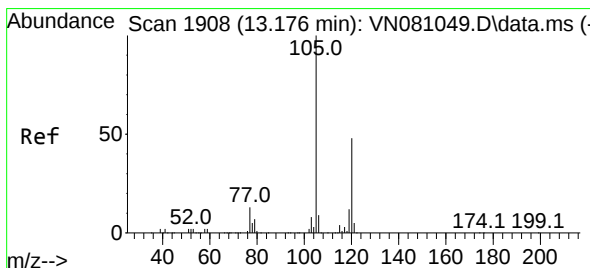
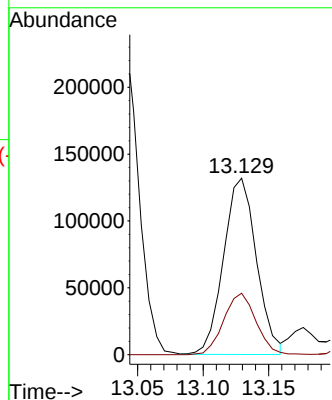
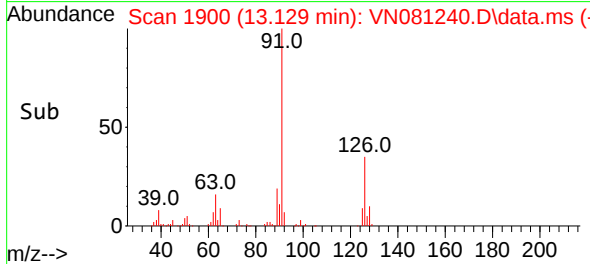
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



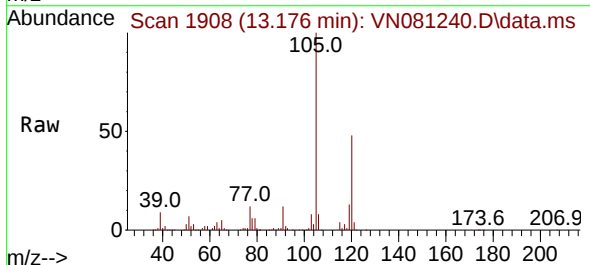
Tgt Ion: 91 Resp: 23041
Ion Ratio Lower Upper
91 100
126 34.2 14.8 44.4

Manual Integrations
APPROVED

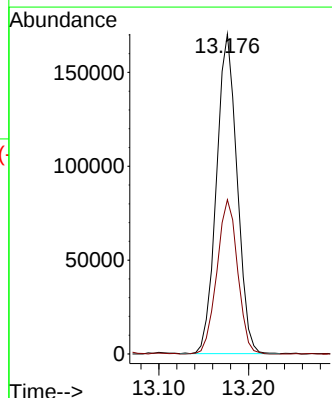
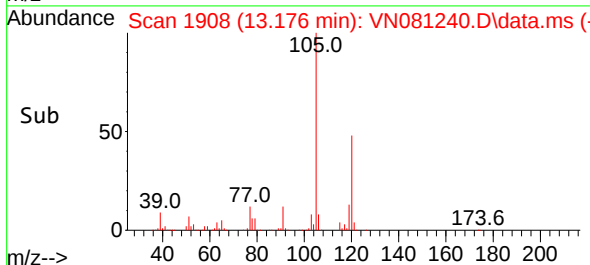
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

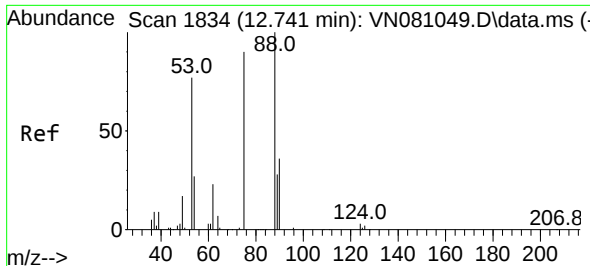


#80
1,3,5-Trimethylbenzene
Concen: 21.121 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05



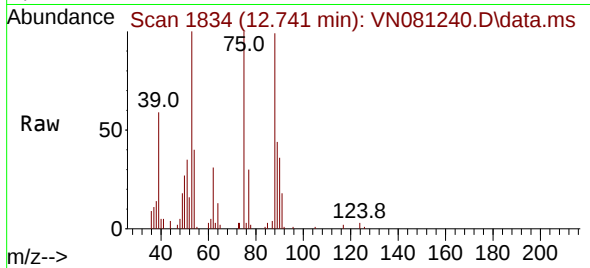
Tgt Ion:105 Resp: 271625
Ion Ratio Lower Upper
105 100
120 48.5 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.275 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

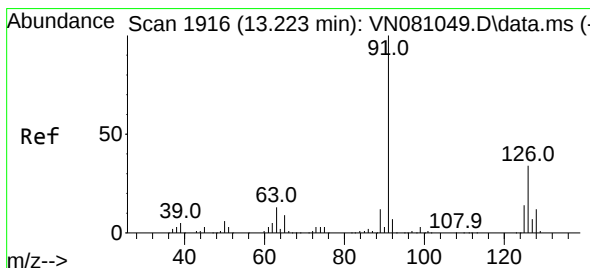
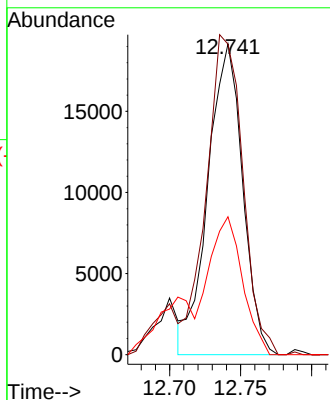
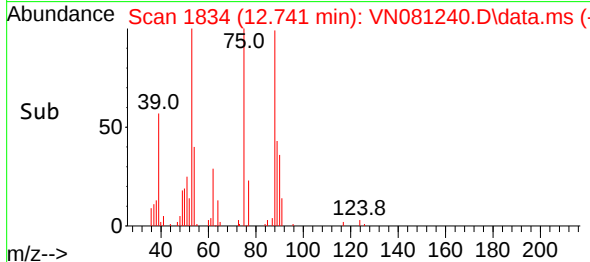
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02



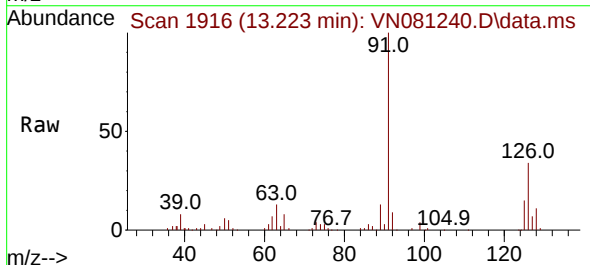
Tgt Ion: 75 Resp: 32440
Ion Ratio Lower Upper
75 100
53 108.7 71.4 107.2
89 43.0 33.4 50.0

Manual Integrations
APPROVED

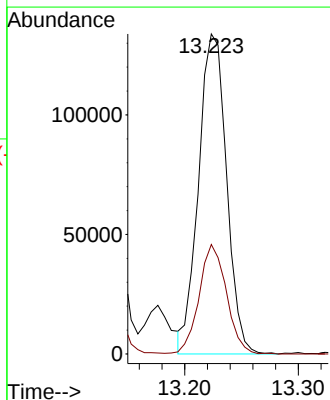
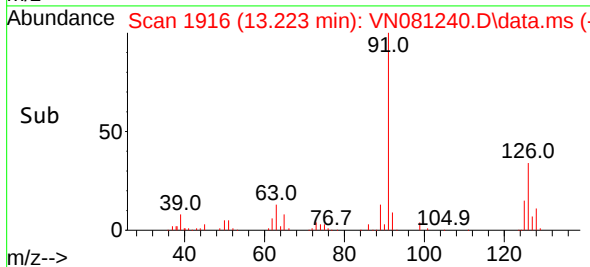
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

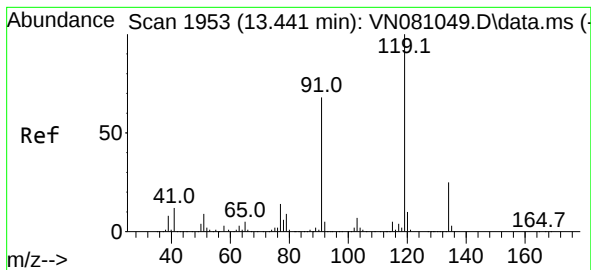


#82
4-Chlorotoluene
Concen: 20.954 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05



Tgt Ion: 91 Resp: 229465
Ion Ratio Lower Upper
91 100
126 33.5 15.3 45.9





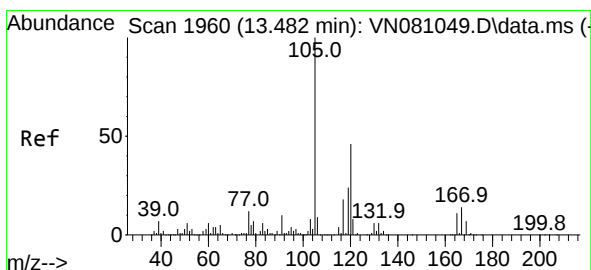
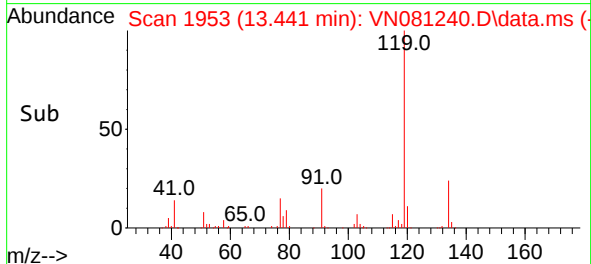
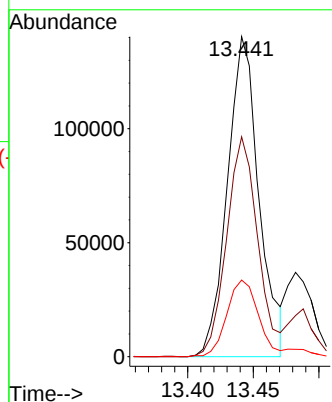
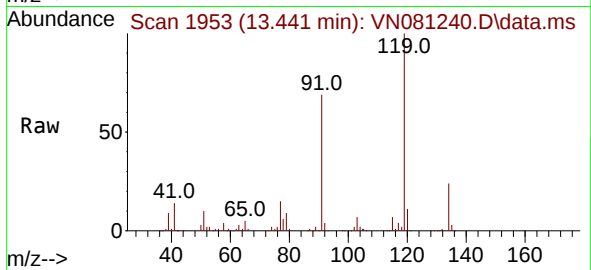
#83
tert-Butylbenzene
Concen: 21.179 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion:119 Resp: 23551
Ion Ratio Lower Upper
119 100
91 67.8 36.8 110.4
134 23.8 12.4 37.4

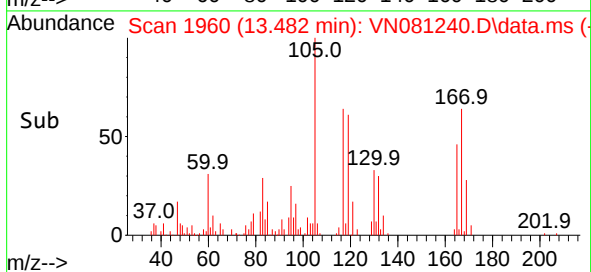
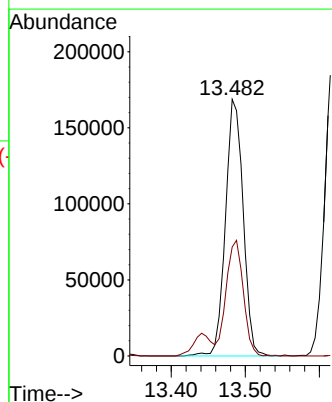
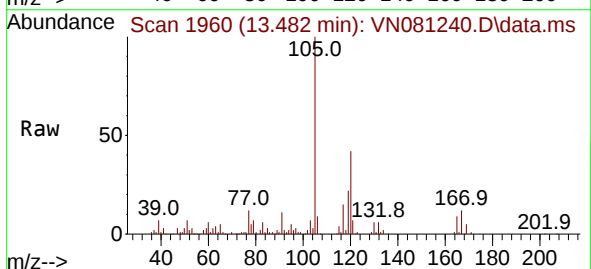
Manual Integrations
APPROVED

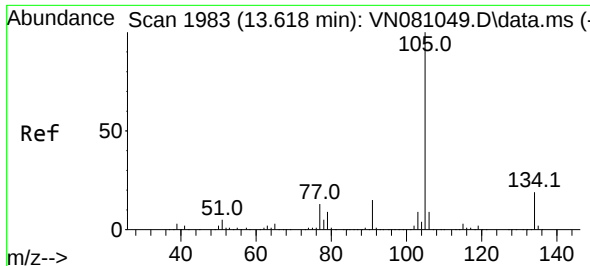
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#84
1,2,4-Trimethylbenzene
Concen: 21.798 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

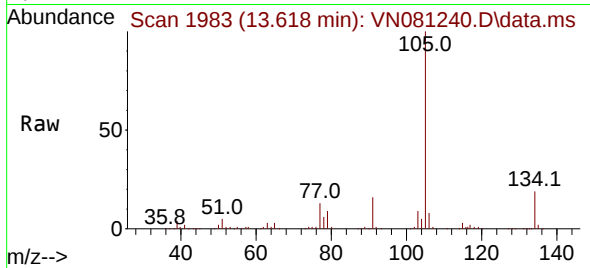
Tgt Ion:105 Resp: 279348
Ion Ratio Lower Upper
105 100
120 43.9 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 21.935 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05

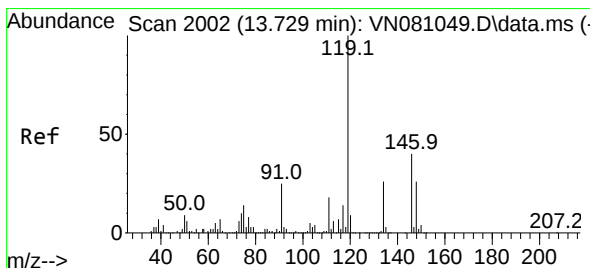
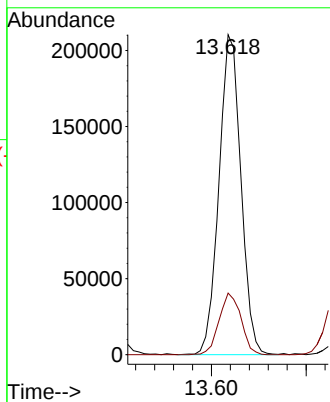
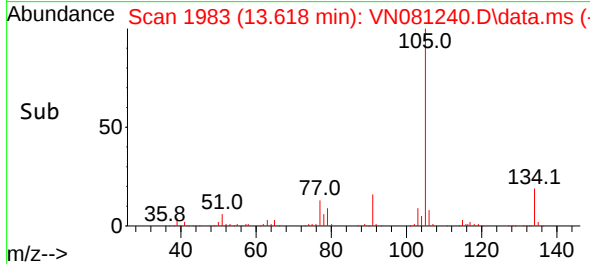
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS02



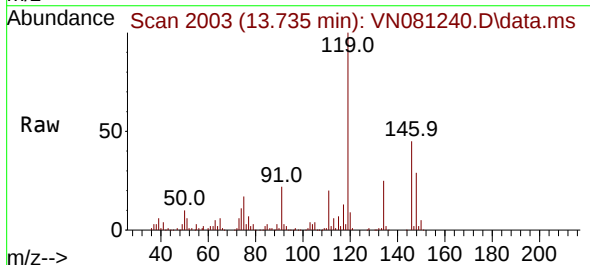
Tgt Ion:105 Resp: 339104
 Ion Ratio Lower Upper
 105 100
 134 19.2 8.6 25.8

Manual Integrations
 APPROVED

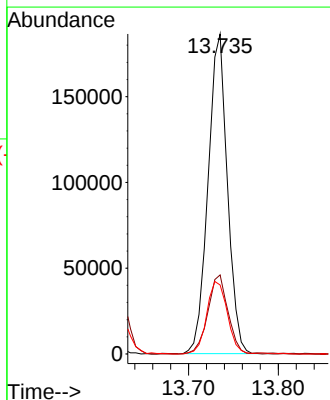
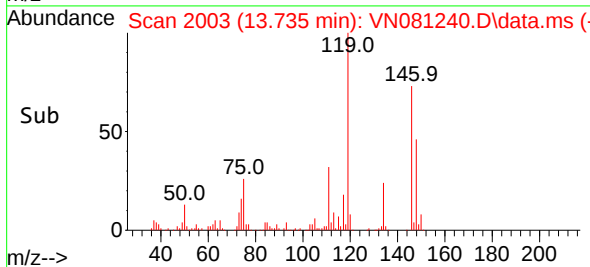
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024

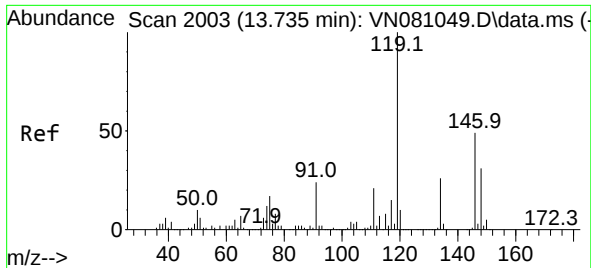


#86
 p-Isopropyltoluene
 Concen: 21.680 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05



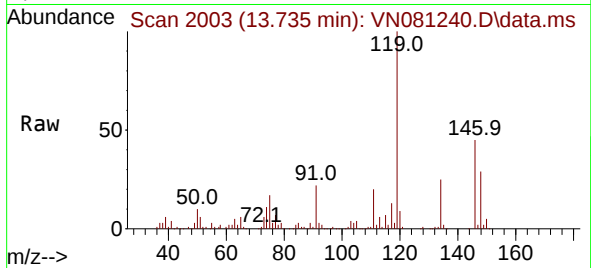
Tgt Ion:119 Resp: 278381
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.4 37.2
 91 24.2 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 20.865 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05

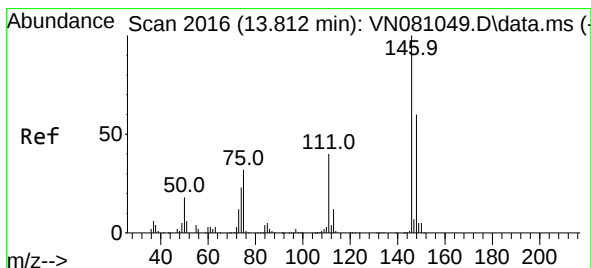
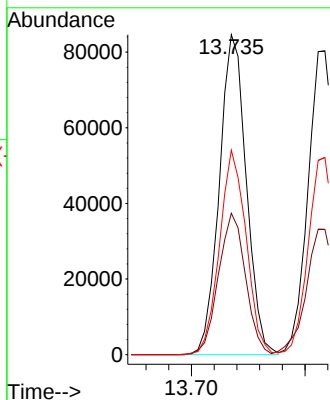
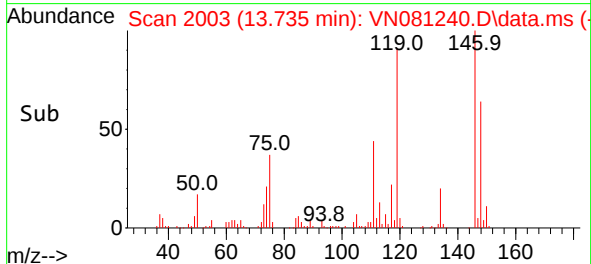
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS02



Tgt Ion:146 Resp: 139430
 Ion Ratio Lower Upper
 146 100
 111 44.5 23.9 71.7
 148 63.3 32.6 97.7

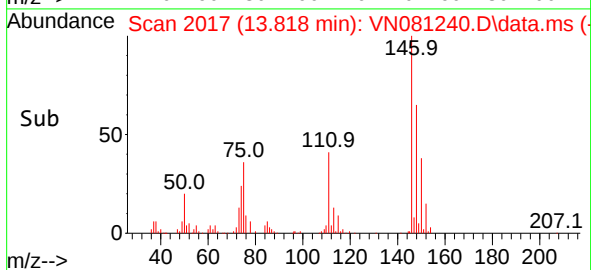
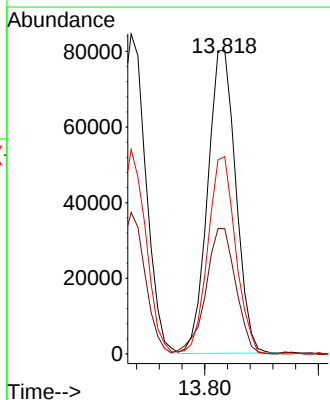
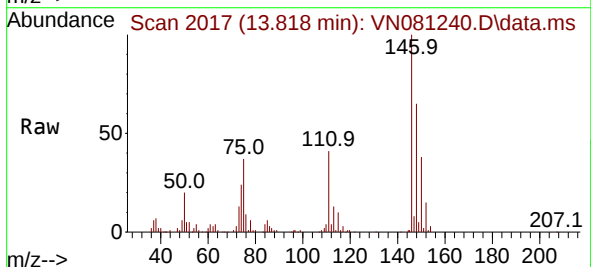
Manual Integrations
 APPROVED

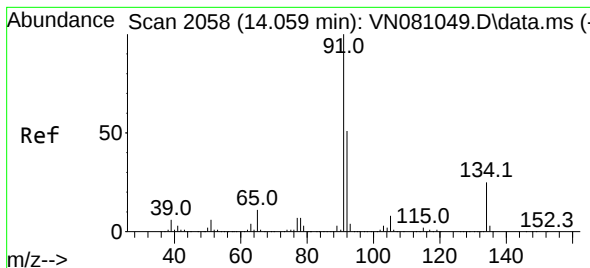
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#88
 1,4-Dichlorobenzene
 Concen: 20.984 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VN081240.D
 Acq: 28 Feb 2024 14:05

Tgt Ion:146 Resp: 137785
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.6 67.7
 148 64.5 31.9 95.5





#89

n-Butylbenzene

Concen: 21.619 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081240.D

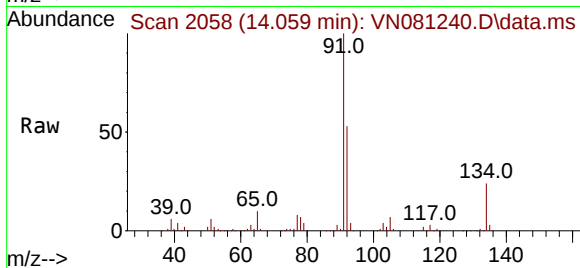
Acq: 28 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS02



Tgt Ion: 91 Resp: 241850

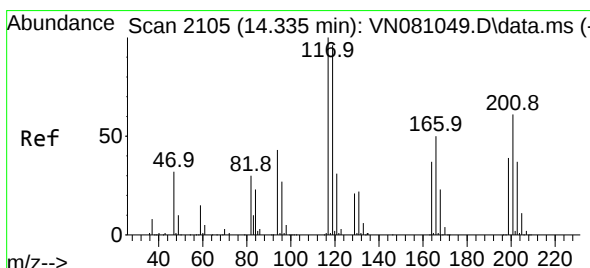
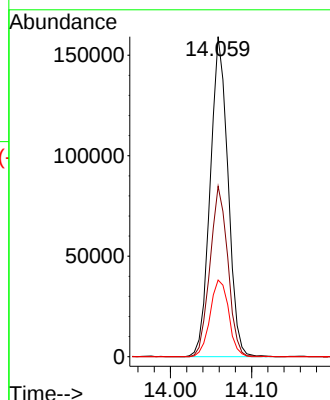
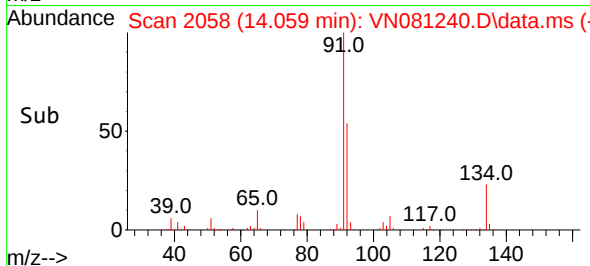
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.1
134	25.1	10.8	32.4

Manual Integrations

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#90

Hexachloroethane

Concen: 22.260 ug/l

RT: 14.335 min Scan# 2105

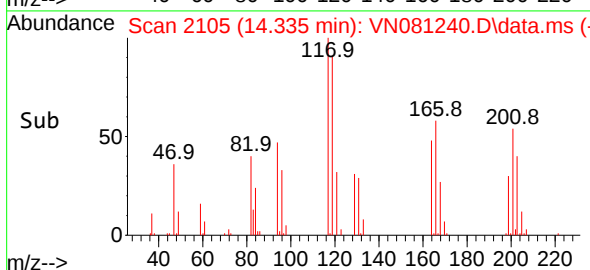
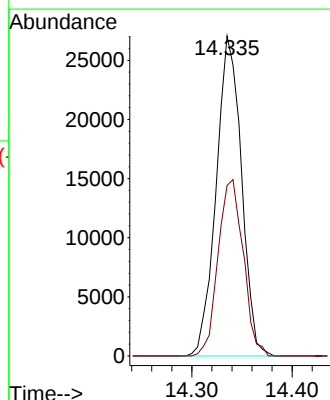
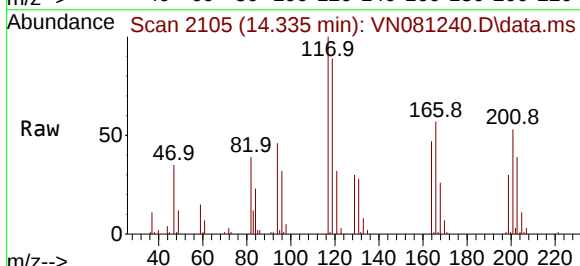
Delta R.T. -0.000 min

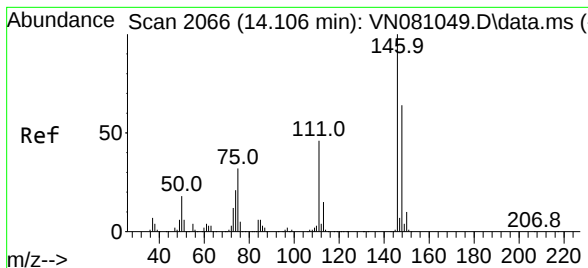
Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Tgt Ion:117 Resp: 47247

Ion	Ratio	Lower	Upper
117	100		
201	54.8	30.0	90.0





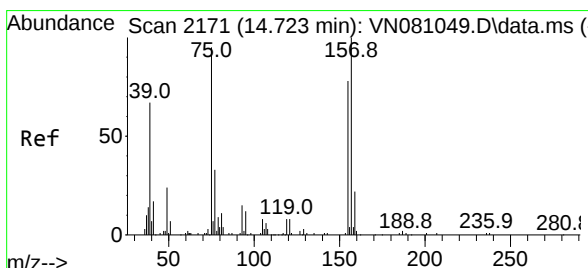
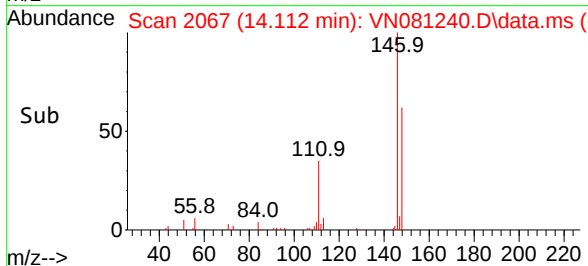
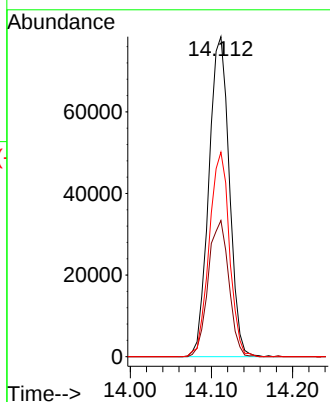
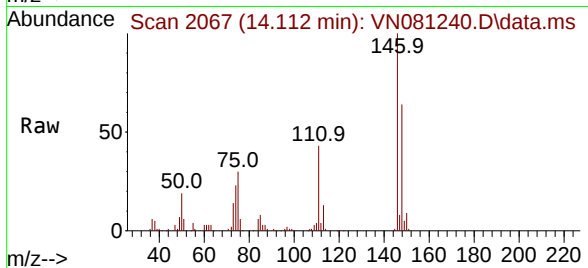
#91
1,2-Dichlorobenzene
Concen: 21.243 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS02

Tgt Ion:146 Resp: 136908
Ion Ratio Lower Upper
146 100
111 43.0 23.9 71.8
148 63.4 31.4 94.0

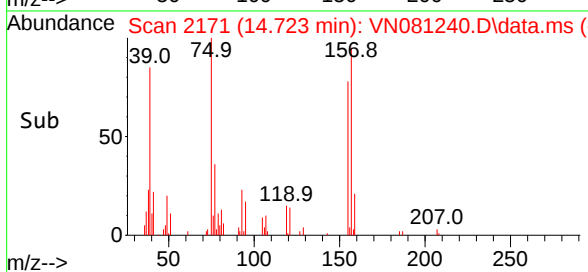
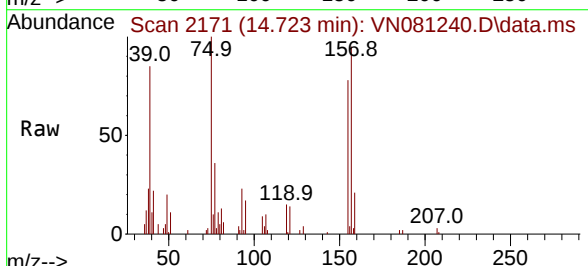
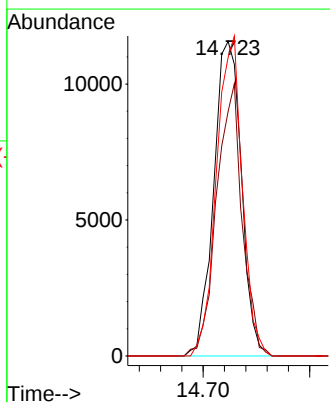
Manual Integrations
APPROVED

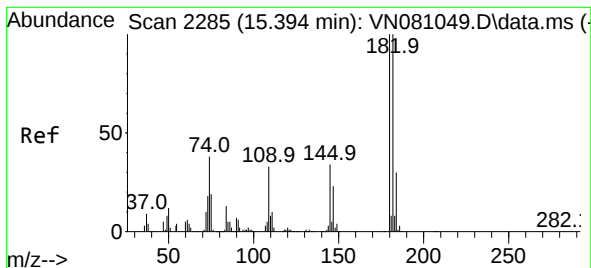
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.470 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081240.D
Acq: 28 Feb 2024 14:05

Tgt Ion: 75 Resp: 20836
Ion Ratio Lower Upper
75 100
155 80.2 31.8 95.4
157 94.6 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 20.045 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS02

Tgt Ion:180 Resp: 7207

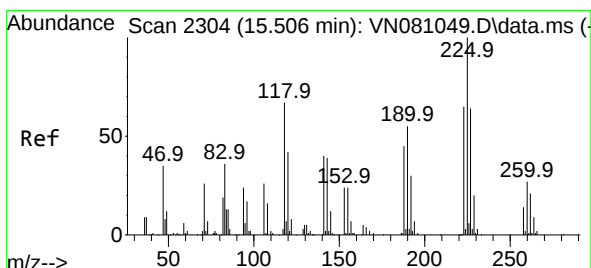
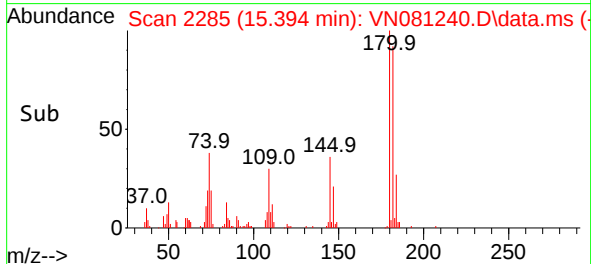
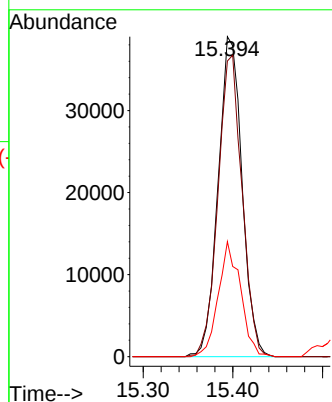
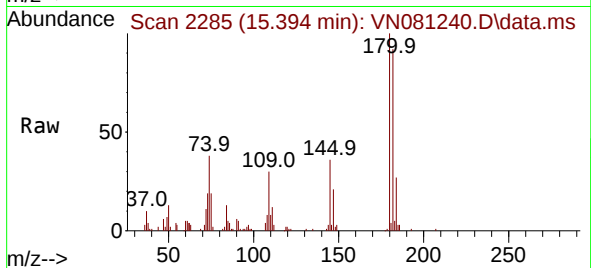
Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.6	139.7
145	33.7	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#94

Hexachlorobutadiene

Concen: 21.524 ug/l

RT: 15.506 min Scan# 2304

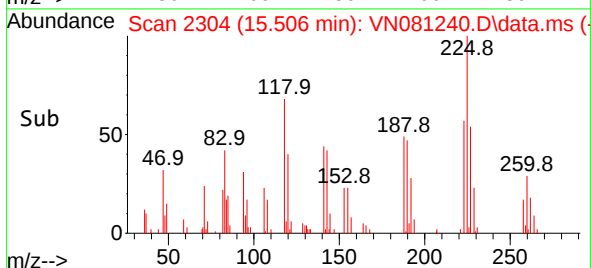
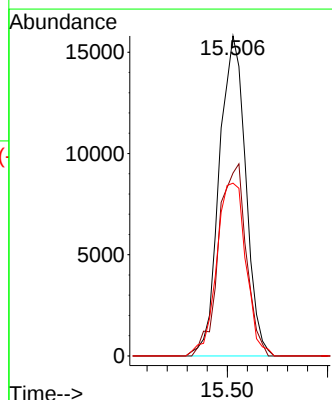
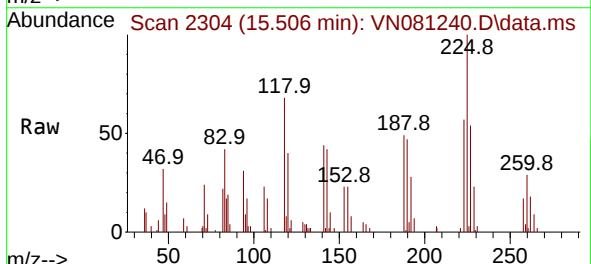
Delta R.T. -0.000 min

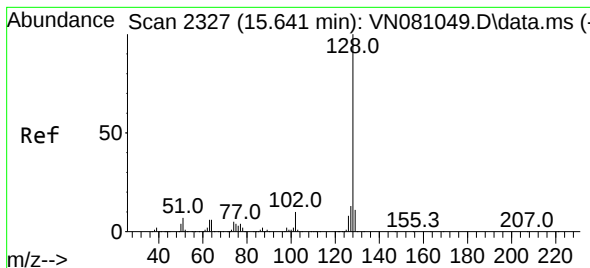
Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Tgt Ion:225 Resp: 28863

Ion	Ratio	Lower	Upper
225	100		
223	62.7	33.3	99.8
227	60.0	33.1	99.2





#95

Naphthalene

Concen: 20.192 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS02

Tgt Ion:128 Resp: 26605

Ion Ratio Lower Upper

128 100

127 13.6 10.0 15.0

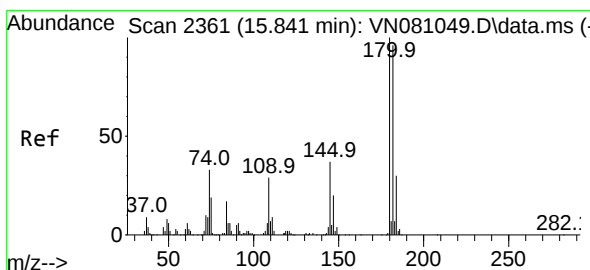
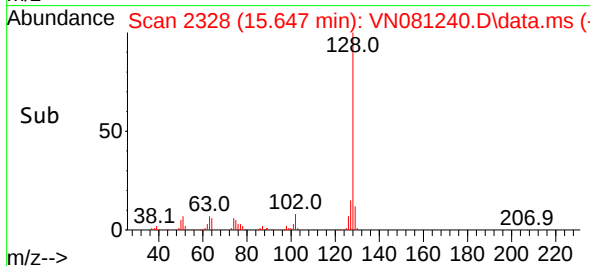
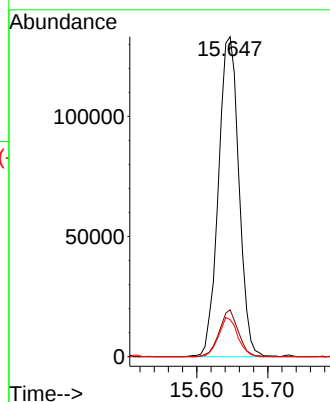
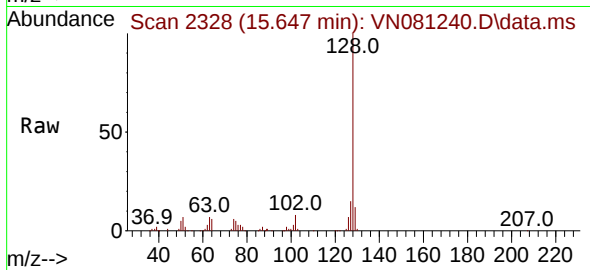
129 11.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.537 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081240.D

Acq: 28 Feb 2024 14:05

Tgt Ion:180 Resp: 73255

Ion Ratio Lower Upper

180 100

182 98.7 46.5 139.3

145 36.9 17.8 53.4

