

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080922.D
 Acq On : 06 Feb 2024 16:57
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 05:31:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 05:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	432729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	795671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	678385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	273560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	51340	9.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.800%#		
35) Dibromofluoromethane	8.171	113	42980	10.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.140%#		
50) Toluene-d8	10.571	98	147585	9.556	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.120%#		
62) 4-Bromofluorobenzene	12.847	95	49282	8.784	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46776	9.541	ug/l	98
3) Chloromethane	2.359	50	54432	9.602	ug/l	99
4) Vinyl Chloride	2.512	62	58294	9.105	ug/l	90
5) Bromomethane	2.953	94	39380	9.561	ug/l	96
6) Chloroethane	3.118	64	40529	8.950	ug/l	90
7) Trichlorofluoromethane	3.500	101	77756	9.275	ug/l	95
8) Diethyl Ether	3.959	74	27778	9.274	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	43579	9.241	ug/l	90
10) Methyl Iodide	4.589	142	42334	9.282	ug/l	95
11) Tert butyl alcohol	5.512	59	38485	51.168	ug/l #	79
12) 1,1-Dichloroethene	4.342	96	41087	8.856	ug/l	94
13) Acrolein	4.183	56	47290	49.885	ug/l	95
14) Allyl chloride	5.018	41	57138	9.295	ug/l #	87
15) Acrylonitrile	5.718	53	99176	48.239	ug/l	96
16) Acetone	4.424	43	85595	47.659	ug/l	96
17) Carbon Disulfide	4.712	76	109098	9.323	ug/l	98
18) Methyl Acetate	5.024	43	53377	7.520	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	147315	9.533	ug/l #	88
20) Methylene Chloride	5.283	84	50108	9.209	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	48141	9.244	ug/l #	75
22) Diisopropyl ether	6.671	45	134134	9.414	ug/l #	93
23) Vinyl Acetate	6.600	43	478605	50.976	ug/l #	93
24) 1,1-Dichloroethane	6.559	63	85651	9.231	ug/l	96
25) 2-Butanone	7.482	43	130608	45.308	ug/l #	79
26) 2,2-Dichloropropane	7.488	77	75146	8.856	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	55608	9.189	ug/l	86
28) Bromochloromethane	7.812	49	34597	8.960	ug/l #	51
29) Tetrahydrofuran	7.835	42	83776	47.534	ug/l #	82
30) Chloroform	7.965	83	93916	9.158	ug/l	99
31) Cyclohexane	8.259	56	69448	9.308	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	82231	9.254	ug/l	90
36) 1,1-Dichloropropene	8.377	75	65991	10.390	ug/l	95
37) Ethyl Acetate	7.565	43	52643	10.953	ug/l	96
38) Carbon Tetrachloride	8.365	117	64086	9.842	ug/l	91
39) Methylcyclohexane	9.600	83	63033	8.904	ug/l	88
40) Benzene	8.612	78	195434	10.108	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	31906	11.140	ug/l	96
42) 1,2-Dichloroethane	8.665	62	70883	10.530	ug/l	98
43) Isopropyl Acetate	8.688	43	94360	10.677	ug/l #	93
44) Trichloroethene	9.353	130	51508	8.771	ug/l	97
45) 1,2-Dichloropropane	9.624	63	46471	8.908	ug/l	98
46) Dibromomethane	9.712	93	37241	9.654	ug/l	90
47) Bromodichloromethane	9.888	83	71594	9.489	ug/l #	97
48) Methyl methacrylate	9.682	41	42134	8.462	ug/l	90
49) 1,4-Dioxane	9.694	88	15859	172.495	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	266453	50.028	ug/l	91
52) Toluene	10.629	92	121287	9.365	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	71605	9.808	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	78950	9.634	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	49882	9.966	ug/l	91
56) Ethyl methacrylate	10.876	69	63808	10.656	ug/l	89
57) 1,3-Dichloropropane	11.165	76	81978	10.095	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	174532	48.012	ug/l #	83
59) 2-Hexanone	11.200	43	199182	49.342	ug/l	94
60) Dibromochloromethane	11.359	129	51297	10.030	ug/l	98
61) 1,2-Dibromoethane	11.470	107	49914	9.997	ug/l	99
64) Tetrachloroethene	11.106	164	43718	8.538	ug/l	94
65) Chlorobenzene	11.894	112	132009	9.285	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	47491	9.257	ug/l	96
67) Ethyl Benzene	11.965	91	220263	8.994	ug/l	96
68) m/p-Xylenes	12.070	106	165382	17.774	ug/l	94
69) o-Xylene	12.400	106	80555	8.922	ug/l	97
70) Styrene	12.412	104	129394	9.549	ug/l	97
71) Bromoform	12.576	173	29382	8.551	ug/l #	95
73) Isopropylbenzene	12.694	105	203383	9.560	ug/l	100
74) N-amyl acetate	12.494	43	73595	9.597	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	66966	10.118	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	57176m	9.826	ug/l	
77) Bromobenzene	12.982	156	47985	8.939	ug/l	75
78) n-propylbenzene	13.035	91	224363	9.341	ug/l	93
79) 2-Chlorotoluene	13.129	91	144955	9.549	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	162046	9.371	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	18648	9.083	ug/l	89
82) 4-Chlorotoluene	13.223	91	144902	9.568	ug/l	93
83) tert-Butylbenzene	13.441	119	137262	9.312	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	164058	9.525	ug/l	95
85) sec-Butylbenzene	13.617	105	192869	9.737	ug/l	94
86) p-Isopropyltoluene	13.735	119	158167	9.449	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	88847	9.293	ug/l	94
88) 1,4-Dichlorobenzene	13.817	146	89593	9.235	ug/l	97
89) n-Butylbenzene	14.059	91	132752	8.978	ug/l	98
90) Hexachloroethane	14.335	117	23555	8.924	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	89289	9.749	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12502	10.099	ug/l	83
93) 1,2,4-Trichlorobenzene	15.400	180	49194	10.858	ug/l	96
94) Hexachlorobutadiene	15.500	225	21625	11.009	ug/l	98
95) Naphthalene	15.647	128	171141	11.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	51067	11.451	ug/l	97

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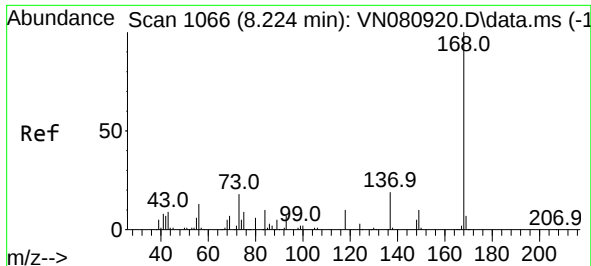
Manual Integrations
APPROVED

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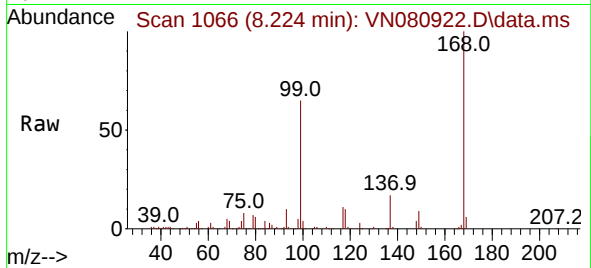
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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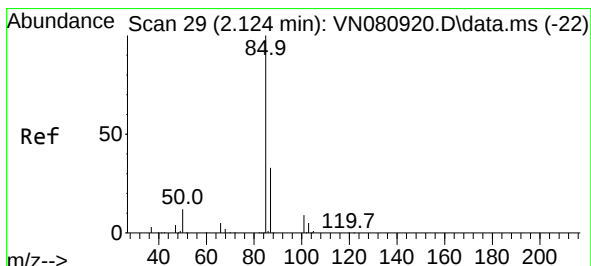
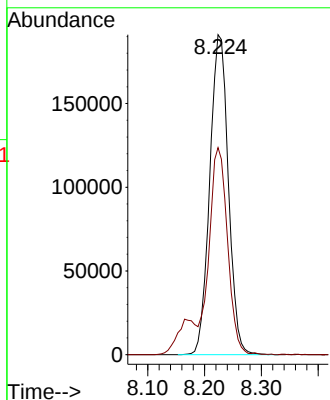
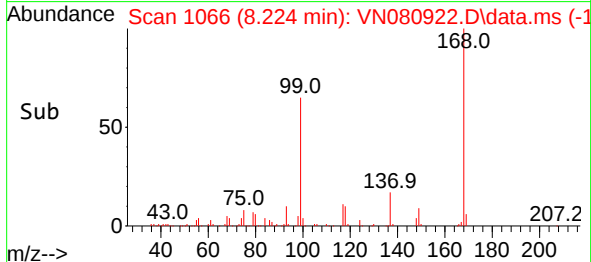
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 432729
Ion Ratio Lower Upper
168 100
99 64.7 59.9 89.9

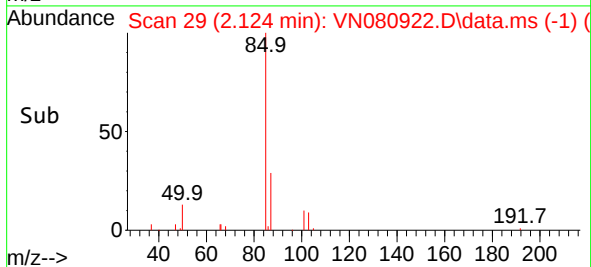
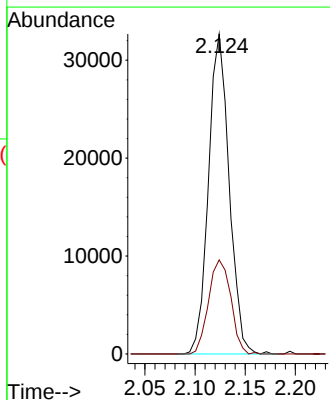
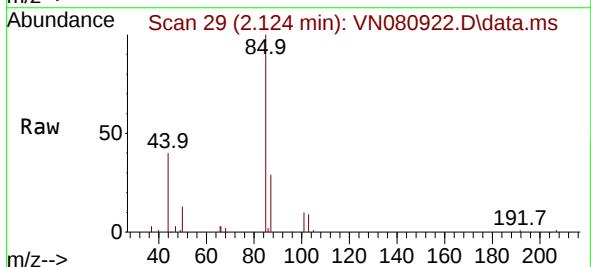
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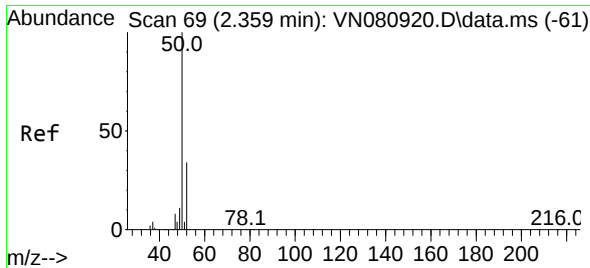
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#2
Dichlorodifluoromethane
Concen: 9.541 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion: 85 Resp: 46776
Ion Ratio Lower Upper
85 100
87 29.4 15.3 45.9





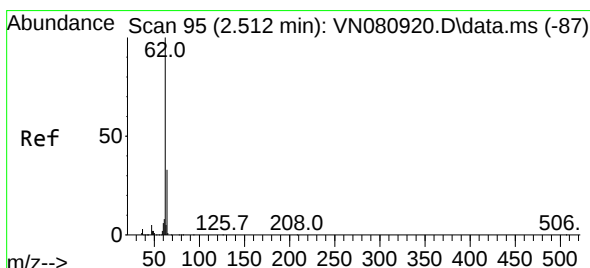
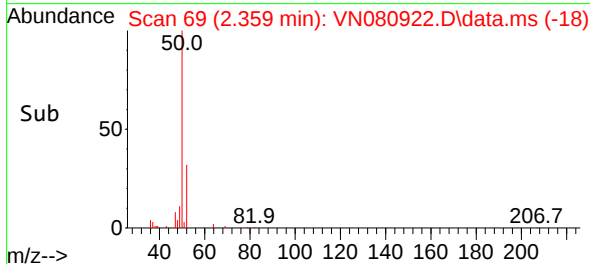
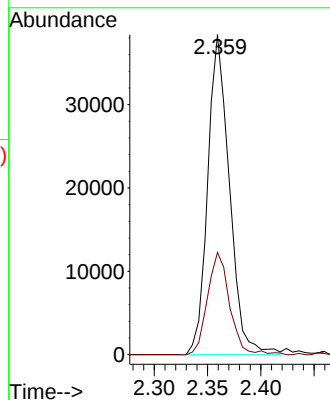
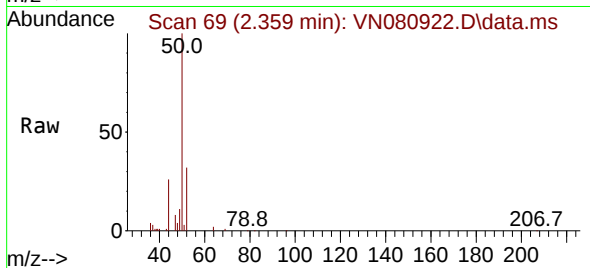
#3
Chloromethane
Concen: 9.602 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080922.D
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Tgt Ion: 50 Resp: 5443
Ion Ratio Lower Upper
50 100
52 31.9 25.0 37.4

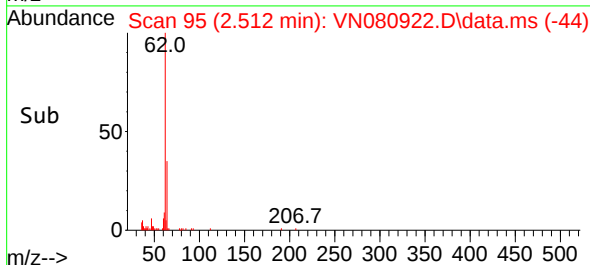
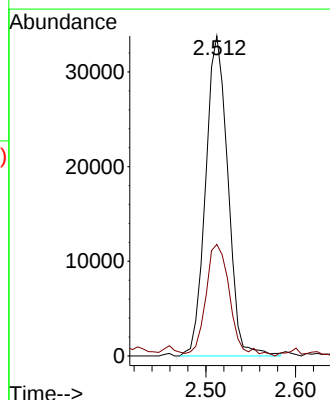
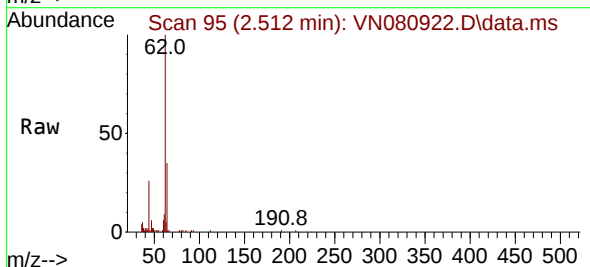
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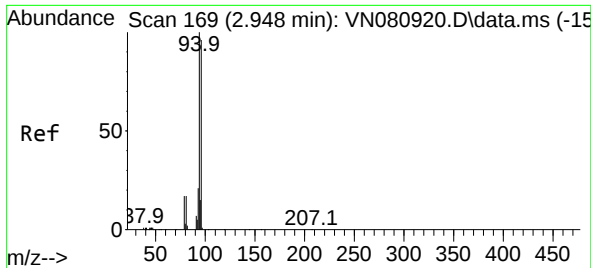
Reviewed By :John Carlone 02/07/2024
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#4
Vinyl Chloride
Concen: 9.105 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

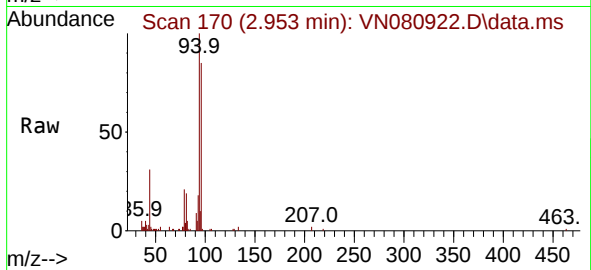
Tgt Ion: 62 Resp: 58294
Ion Ratio Lower Upper
62 100
64 33.9 22.7 34.1





#5
Bromomethane
Concen: 9.561 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080922.D
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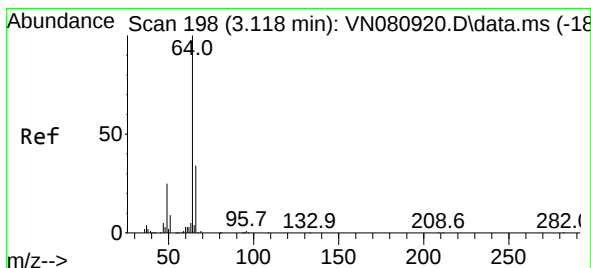
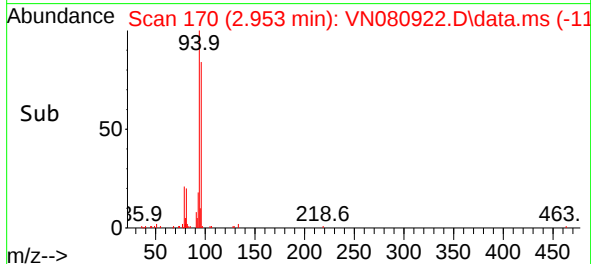
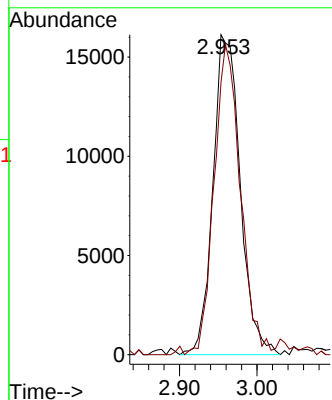
Instrument :
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Tgt Ion: 94 Resp: 39380
Ion Ratio Lower Upper
94 100
96 82.4 69.2 103.8

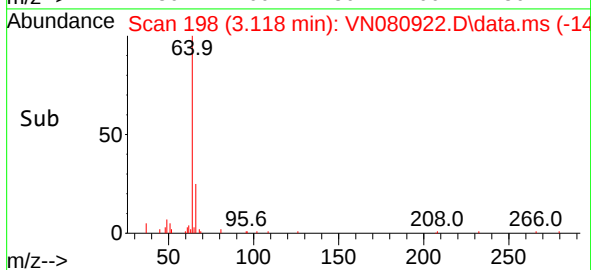
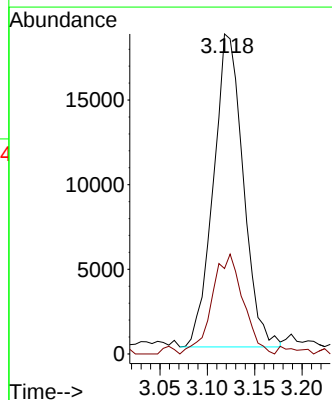
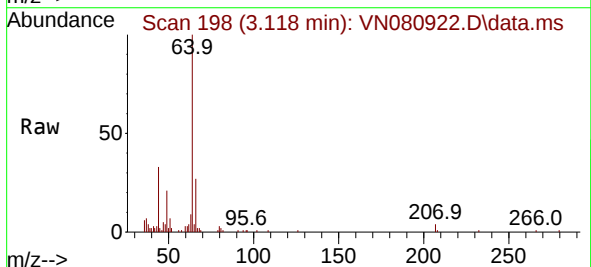
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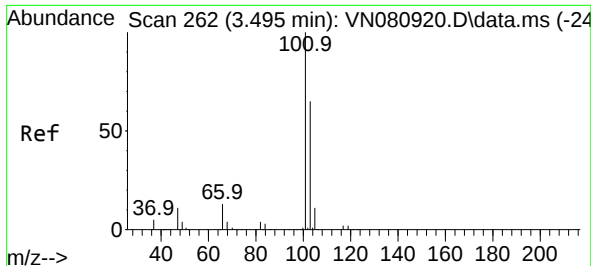
Reviewed By :John Carlone 02/07/2024
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#6
Chloroethane
Concen: 8.950 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
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Acq: 06 Feb 2024 16:57

Tgt Ion: 64 Resp: 40529
Ion Ratio Lower Upper
64 100
66 27.3 26.4 39.6





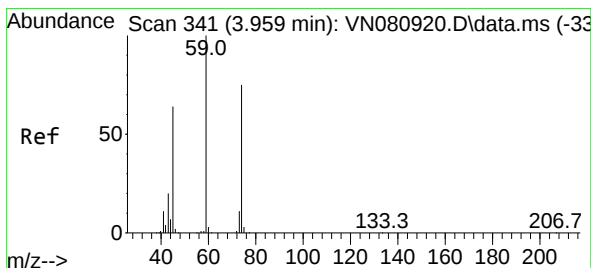
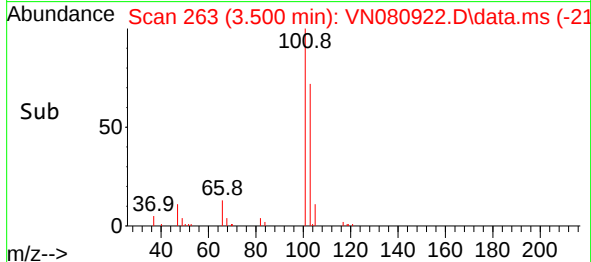
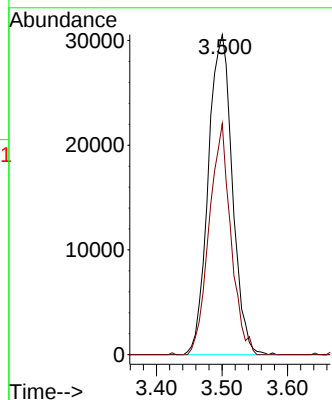
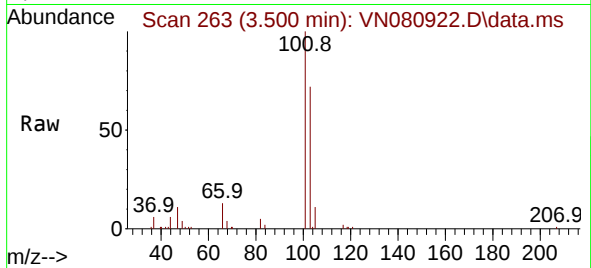
#7
Trichlorofluoromethane
Concen: 9.275 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 7775
Ion Ratio Lower Upper
101 100
103 72.2 54.4 81.6

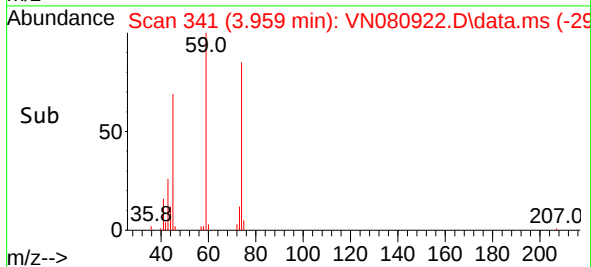
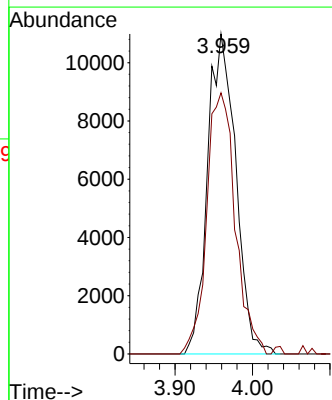
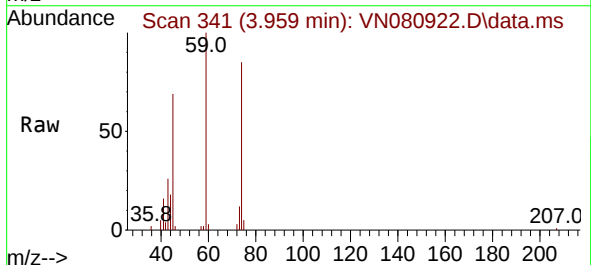
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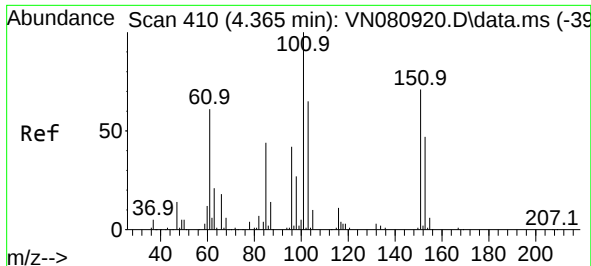
Reviewed By :John Carlone 02/07/2024
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#8
Diethyl Ether
Concen: 9.274 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion: 74 Resp: 27778
Ion Ratio Lower Upper
74 100
45 82.6 53.3 159.9





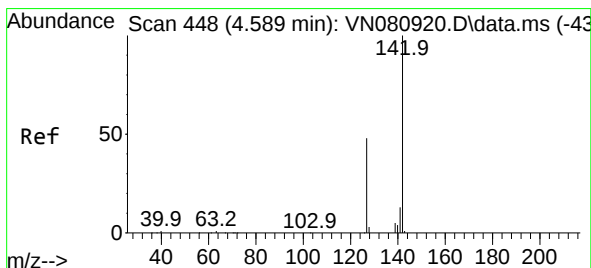
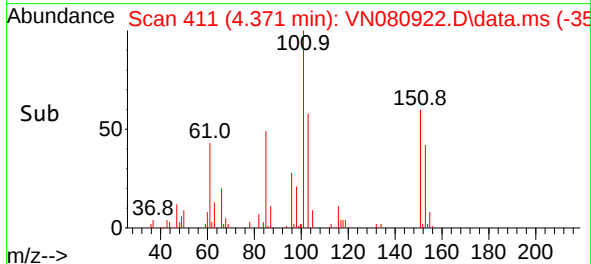
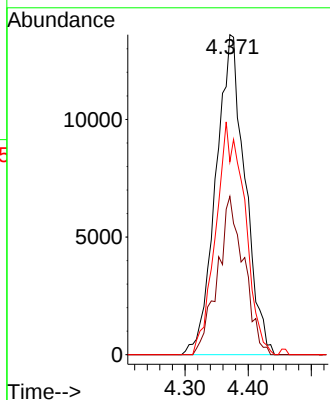
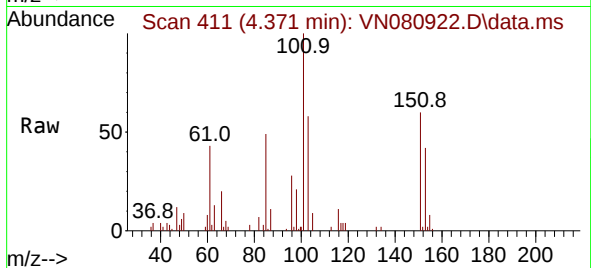
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.241 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 43579
Ion Ratio Lower Upper
101 100
85 44.8 38.1 57.1
151 72.6 49.1 73.7

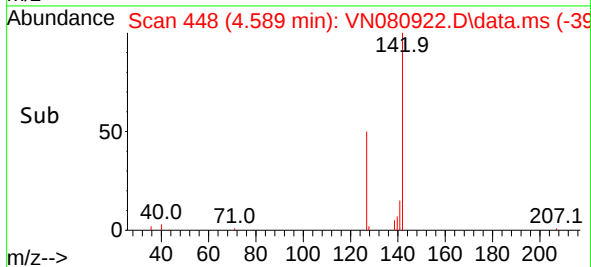
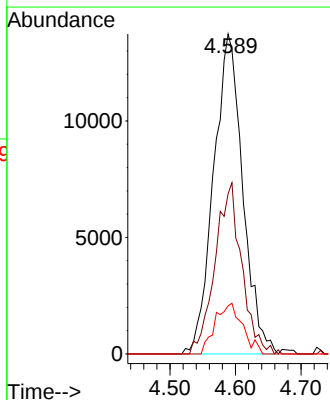
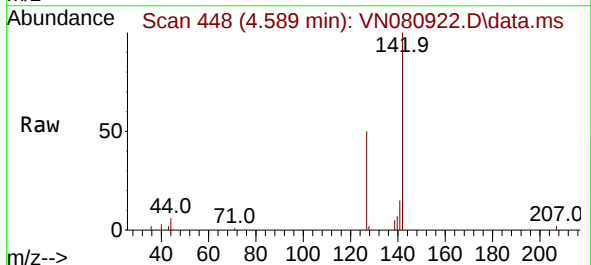
Manual Integrations
APPROVED

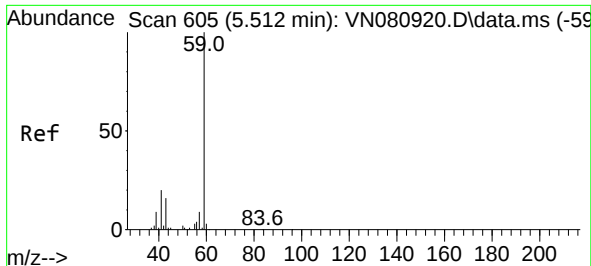
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#10
Methyl Iodide
Concen: 9.282 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

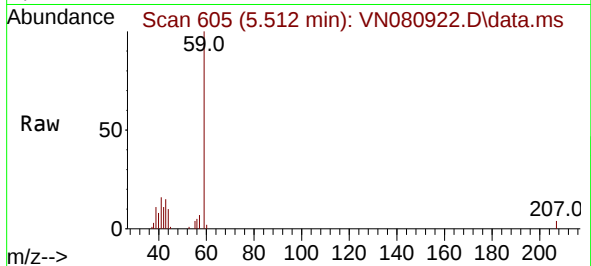
Tgt Ion:142 Resp: 42334
Ion Ratio Lower Upper
142 100
127 50.1 37.0 55.4
141 15.0 12.5 18.7





#11
Tert butyl alcohol
Concen: 51.168 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

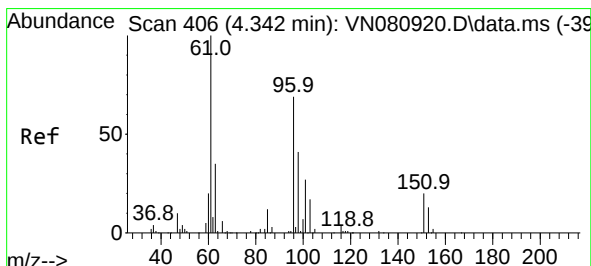
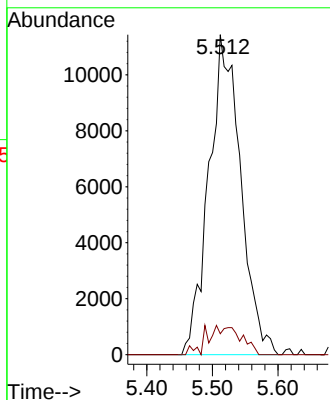
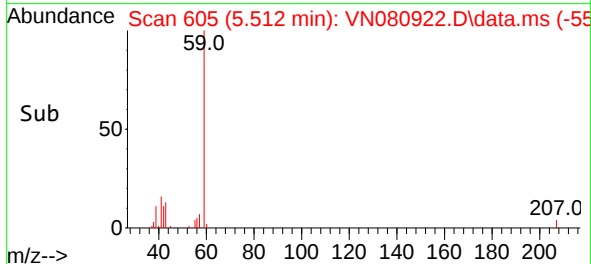
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



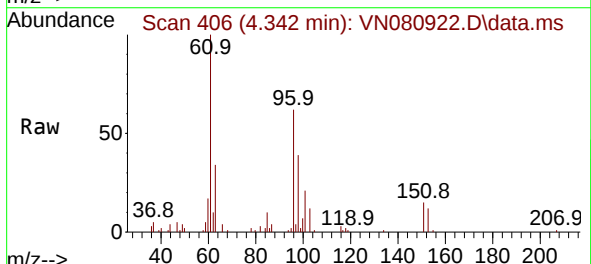
Tgt Ion: 59 Resp: 3848
Ion Ratio Lower Upper
59 100
57 2.9 8.6 12.8

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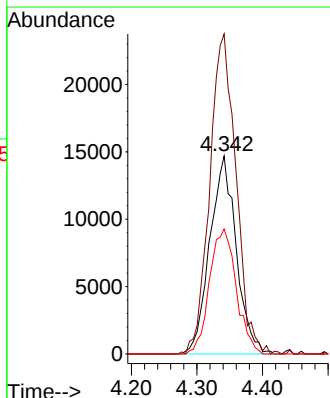
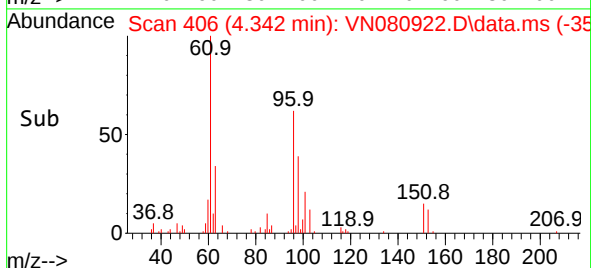
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

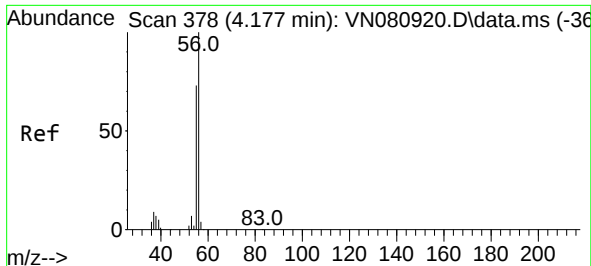


#12
1,1-Dichloroethene
Concen: 8.856 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57



Tgt Ion: 96 Resp: 41087
Ion Ratio Lower Upper
96 100
61 161.7 138.2 207.4
98 63.1 49.2 73.8





#13

Acrolein

Concen: 49.885 ug/l

RT: 4.183 min Scan# 378

Delta R.T. 0.006 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 47290

Ion Ratio Lower Upper

56 100

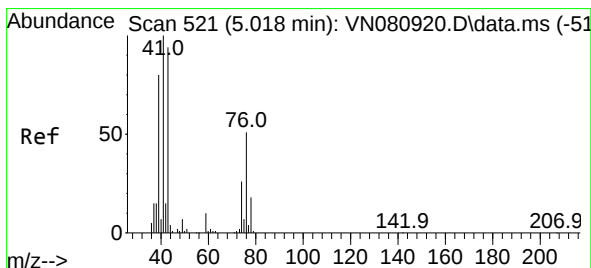
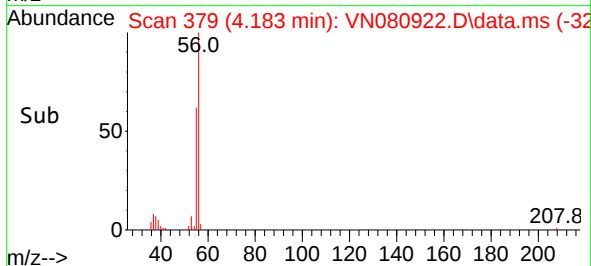
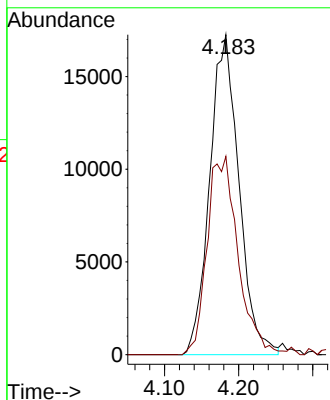
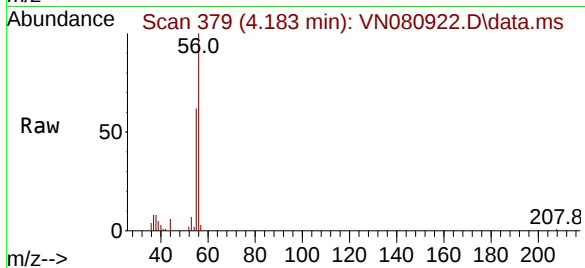
55 65.3 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#14

Allyl chloride

Concen: 9.295 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

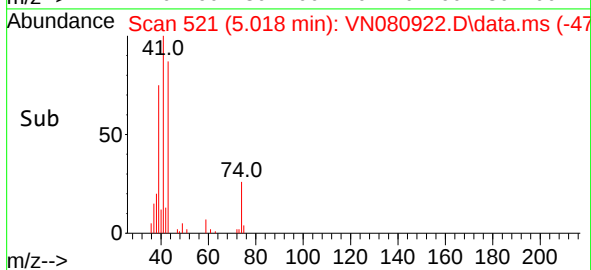
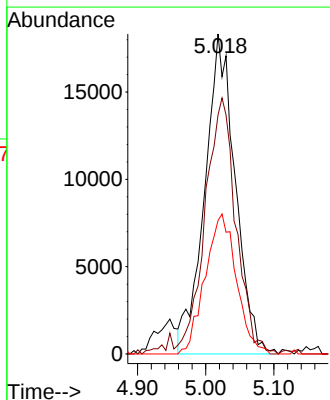
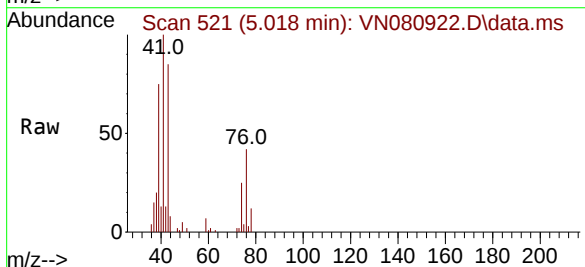
Tgt Ion: 41 Resp: 57138

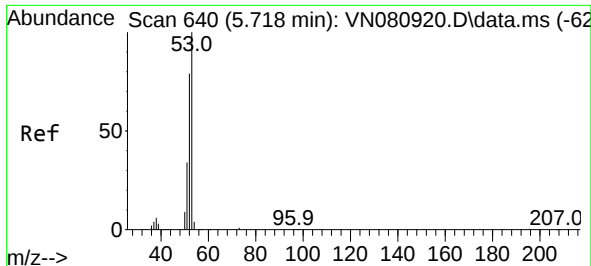
Ion Ratio Lower Upper

41 100

39 80.9 57.7 86.5

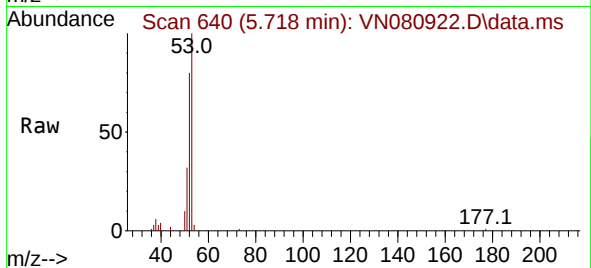
76 44.7 26.8 40.2#





#15
Acrylonitrile
Concen: 48.239 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

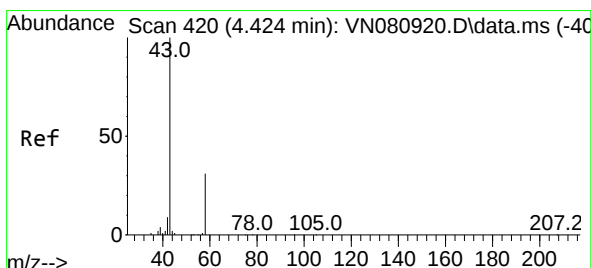
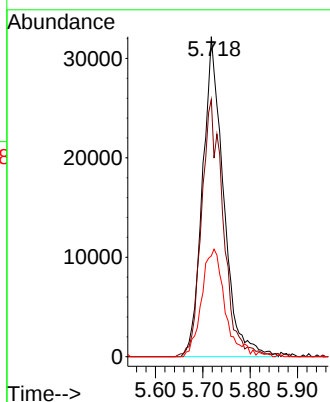
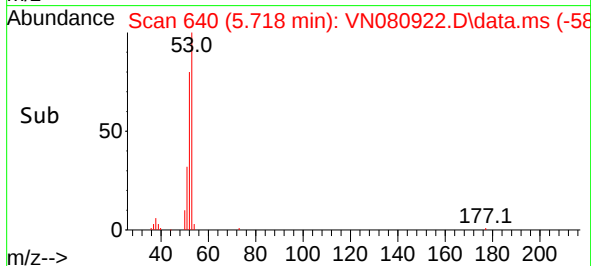
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 99170
Ion Ratio Lower Upper
53 100
52 83.0 64.8 97.2
51 37.7 26.9 40.3

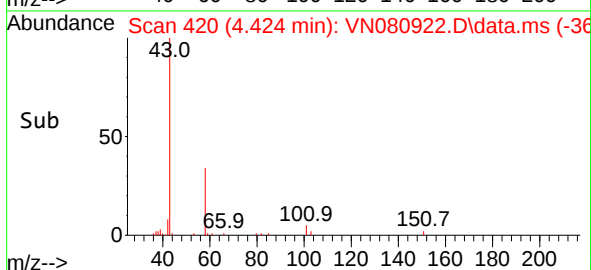
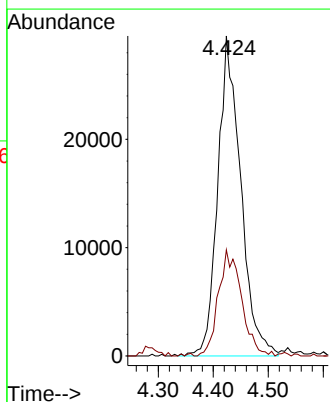
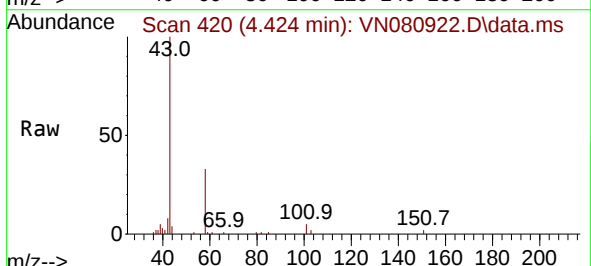
Manual Integrations
APPROVED

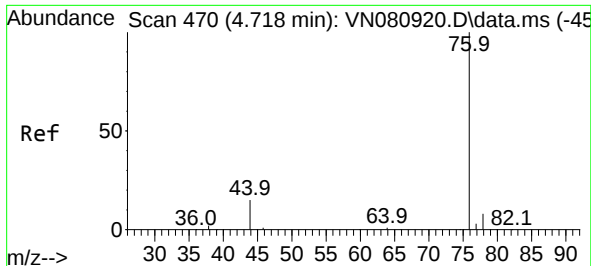
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#16
Acetone
Concen: 47.659 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion: 43 Resp: 85595
Ion Ratio Lower Upper
43 100
58 33.1 24.8 37.2





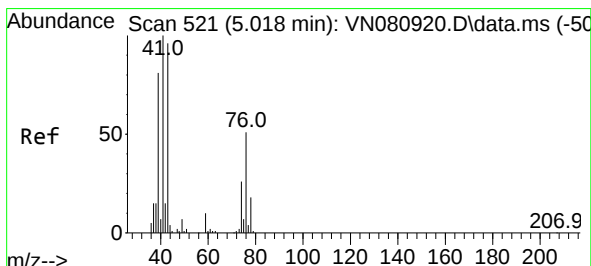
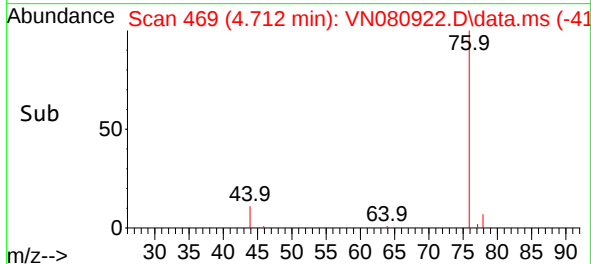
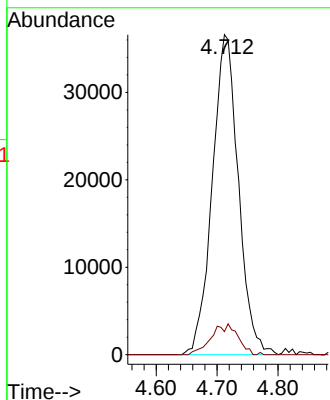
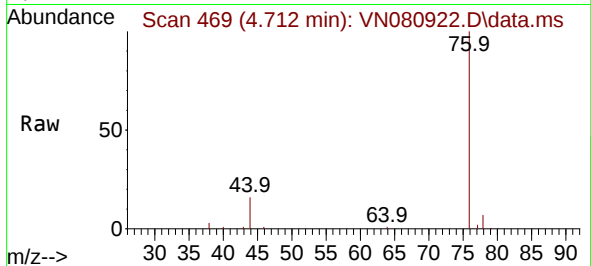
#17
Carbon Disulfide
Concen: 9.323 ug/l
RT: 4.712 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 109098
Ion Ratio Lower Upper
76 100
78 7.2 6.3 9.5

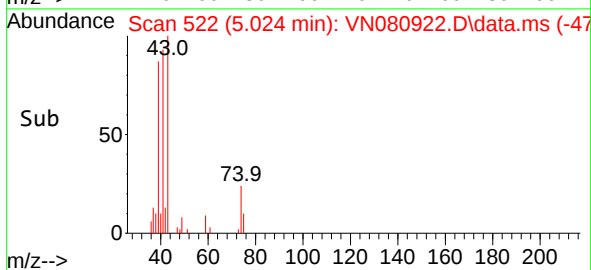
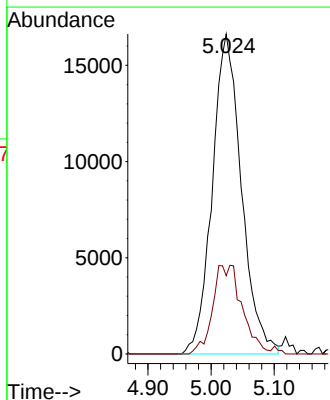
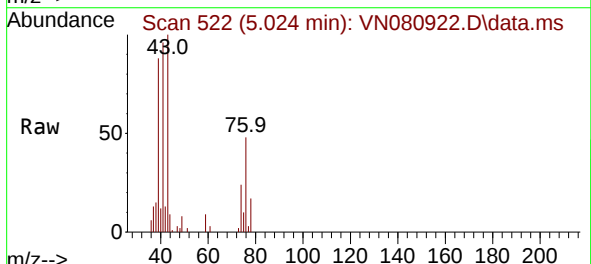
Manual Integrations
APPROVED

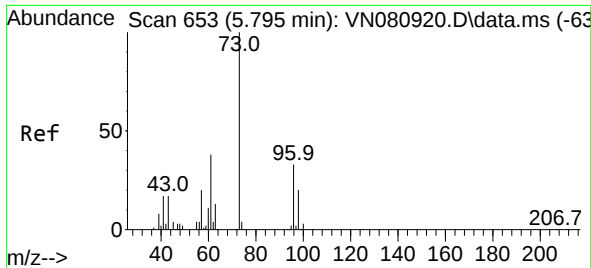
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#18
Methyl Acetate
Concen: 7.520 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion: 43 Resp: 53377
Ion Ratio Lower Upper
43 100
74 28.1 17.3 25.9#





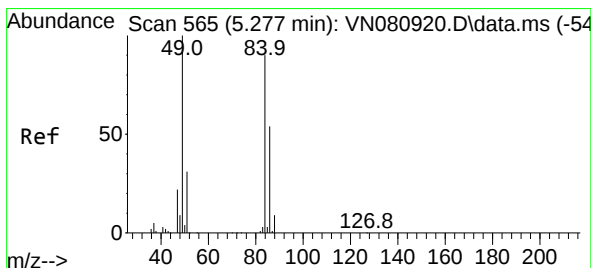
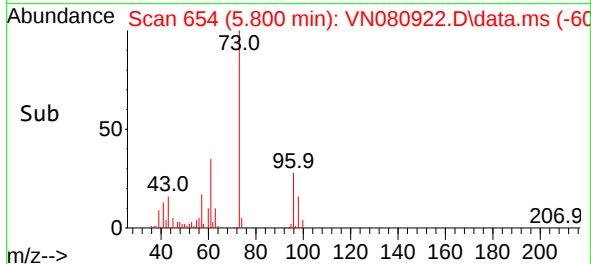
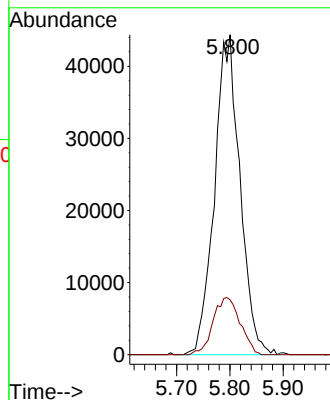
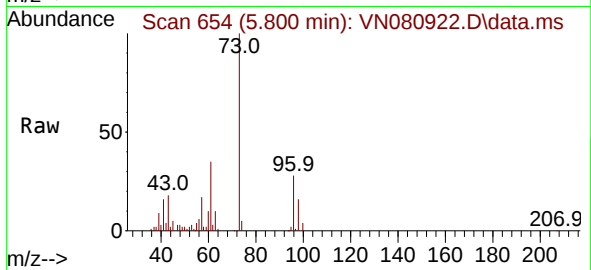
#19
Methyl tert-butyl Ether
Concen: 9.533 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 14731
Ion Ratio Lower Upper
73 100
57 17.1 18.2 27.4

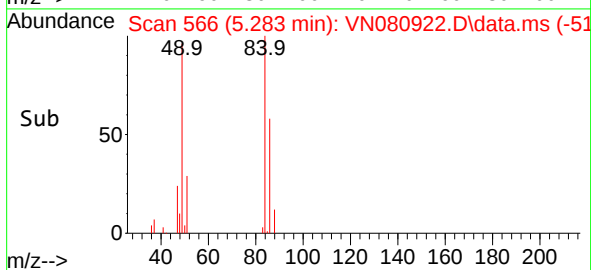
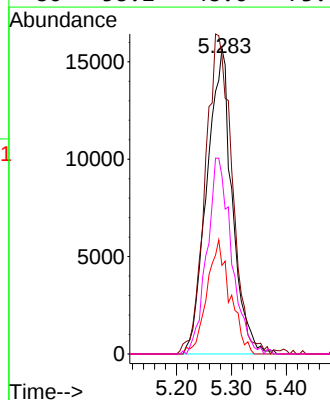
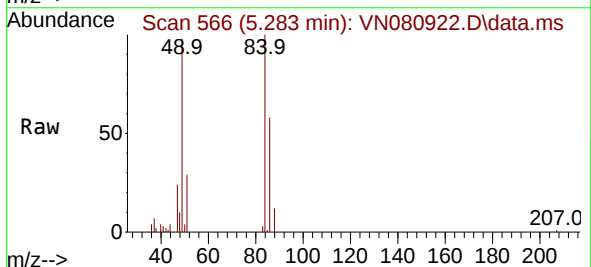
Manual Integrations
APPROVED

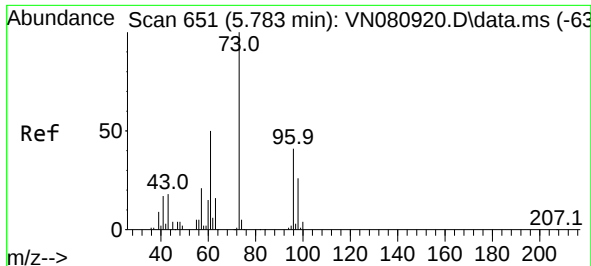
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#20
Methylene Chloride
Concen: 9.209 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

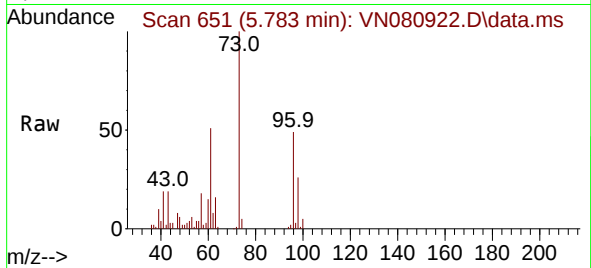
Tgt Ion: 84 Resp: 50108
Ion Ratio Lower Upper
84 100
49 96.6 108.1 162.1#
51 29.0 32.9 49.3#
86 58.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 9.244 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

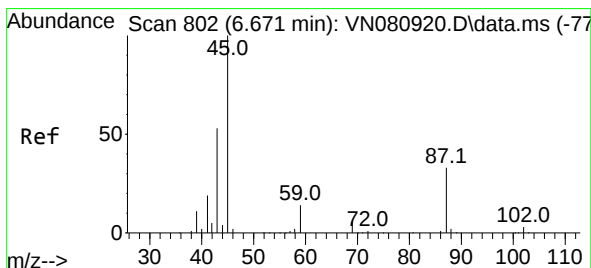
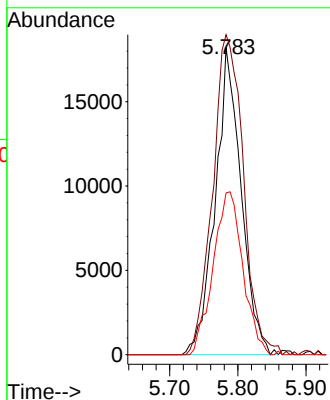
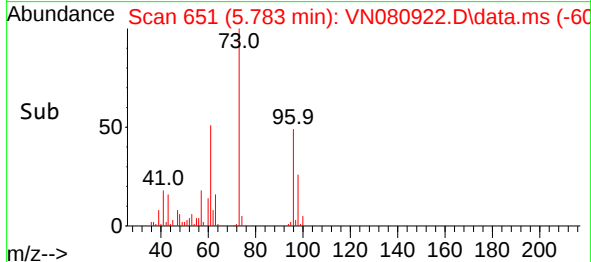
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 4814
Ion Ratio Lower Upper
96 100
61 104.2 112.8 169.2
98 52.7 51.0 76.4

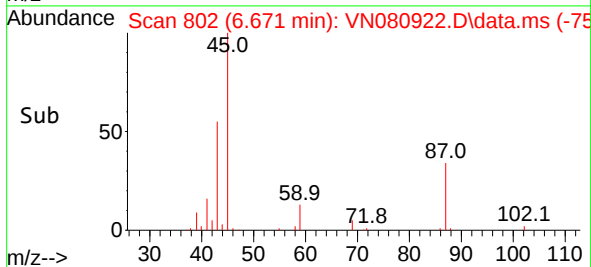
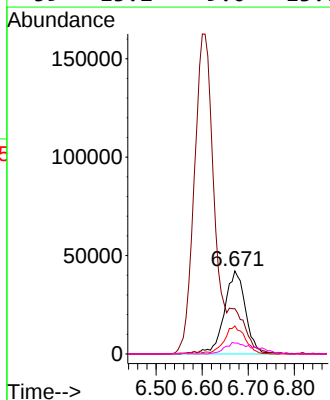
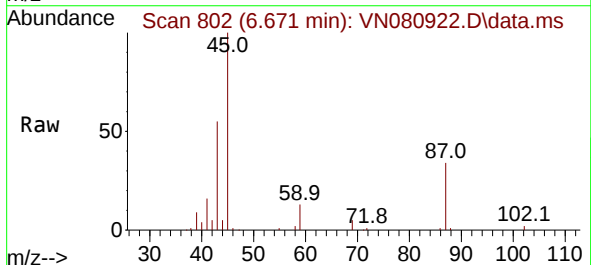
Manual Integrations
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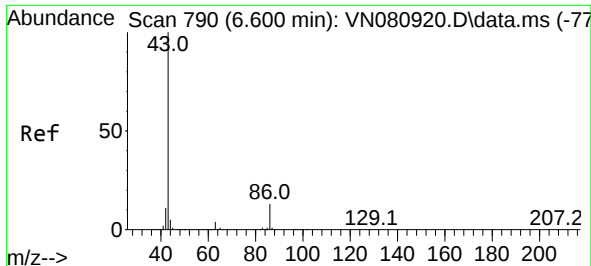
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#22
Diisopropyl ether
Concen: 9.414 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

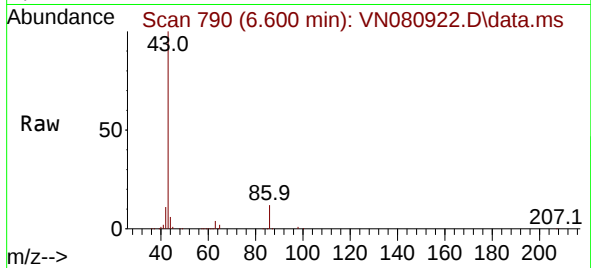
Tgt Ion: 45 Resp: 134134
Ion Ratio Lower Upper
45 100
43 52.6 41.8 62.8
87 33.7 18.1 27.1
59 13.2 9.0 13.6





#23
 Vinyl Acetate
 Concen: 50.976 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080922.D
 Acq: 06 Feb 2024 16:57

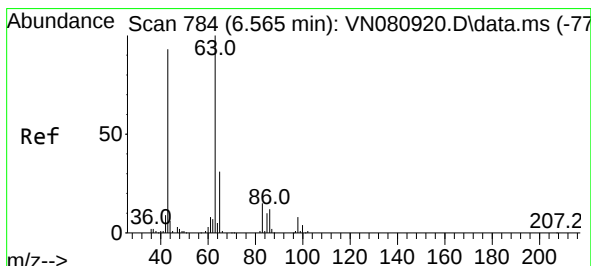
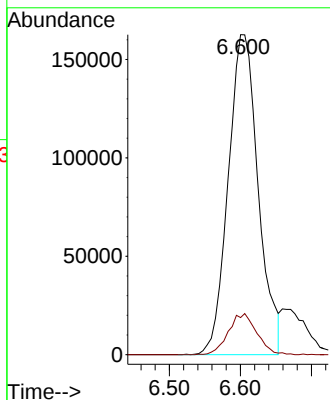
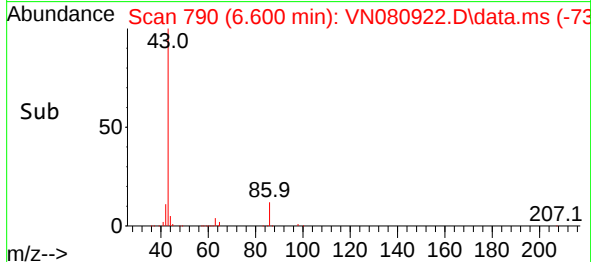
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC010



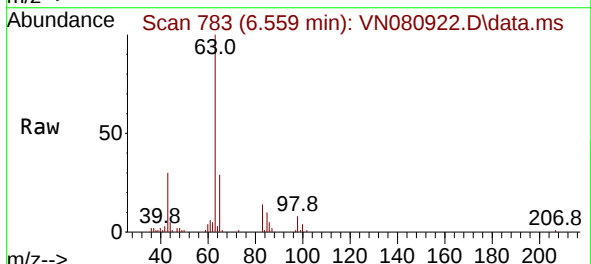
Tgt Ion: 43 Resp: 47860
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7

Manual Integrations
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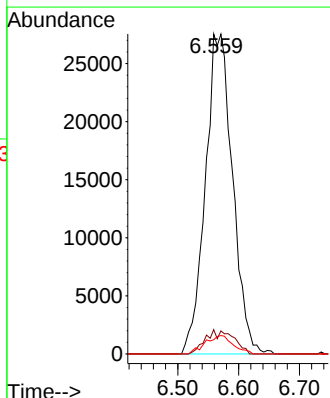
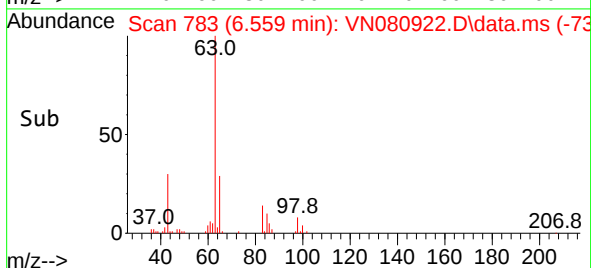
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024

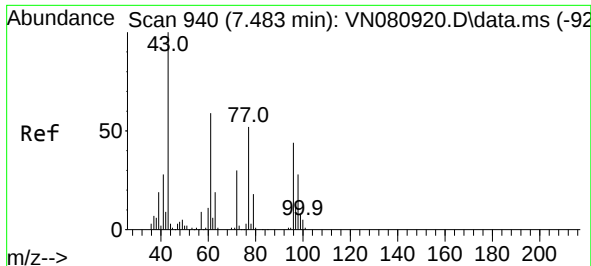


#24
 1,1-Dichloroethane
 Concen: 9.231 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN080922.D
 Acq: 06 Feb 2024 16:57



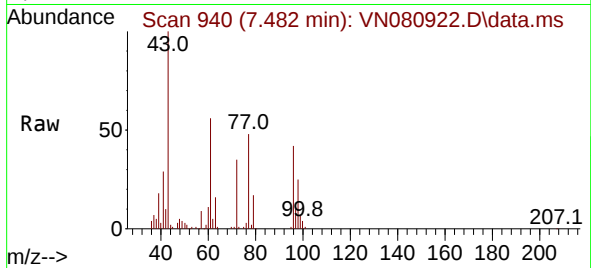
Tgt Ion: 63 Resp: 85651
 Ion Ratio Lower Upper
 63 100
 98 7.6 2.9 8.6
 100 4.4 1.9 5.7





#25
2-Butanone
Concen: 45.308 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

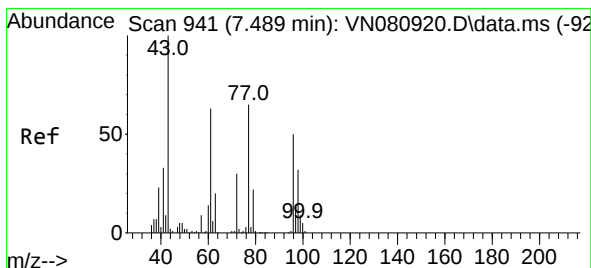
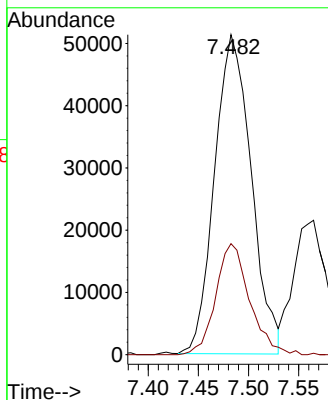
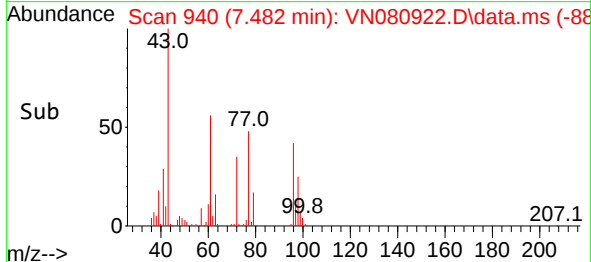
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 130608
Ion Ratio Lower Upper
43 100
72 34.8 19.5 29.3

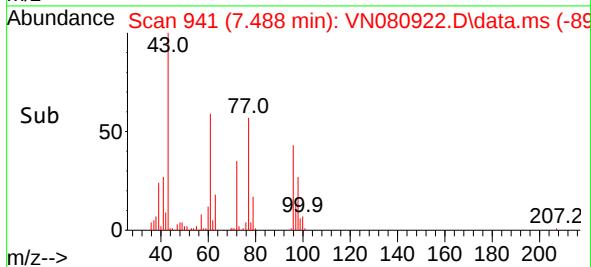
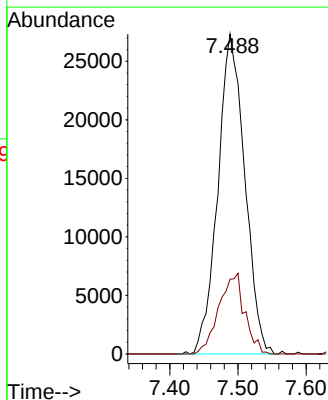
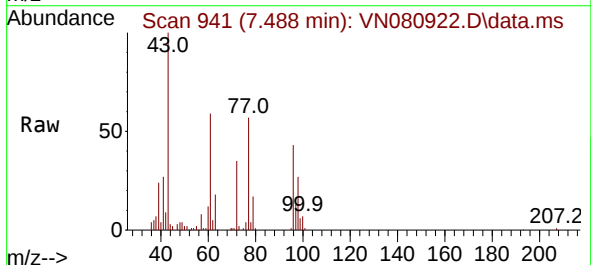
Manual Integrations
APPROVED

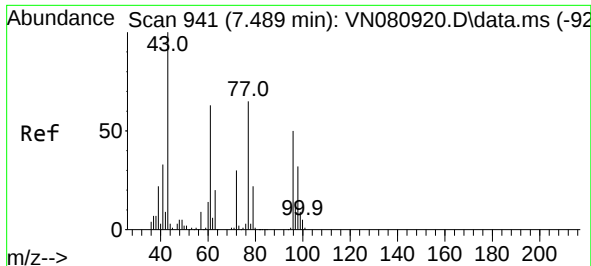
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#26
2,2-Dichloropropane
Concen: 8.856 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion: 77 Resp: 75146
Ion Ratio Lower Upper
77 100
97 24.0 11.5 34.5





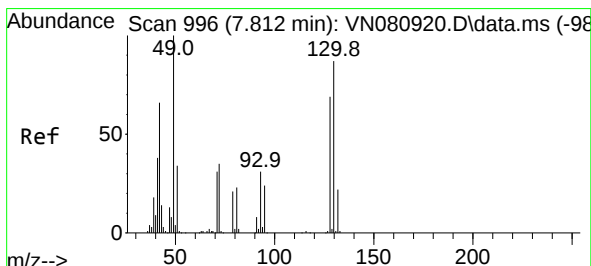
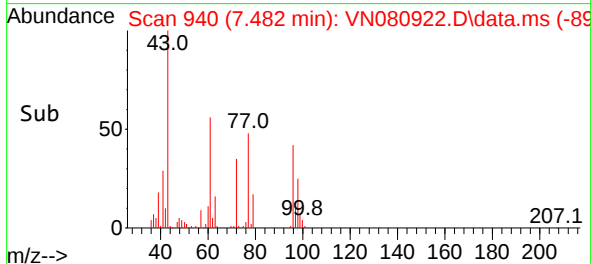
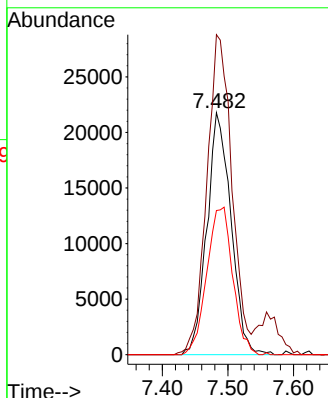
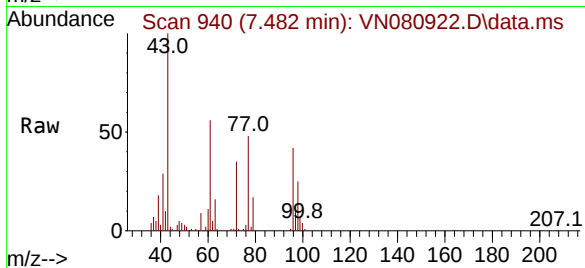
#27
 cis-1,2-Dichloroethene
 Concen: 9.189 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080922.D
 Acq: 06 Feb 2024 16:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 55608
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 325.4
 98 65.4 0.0 130.4

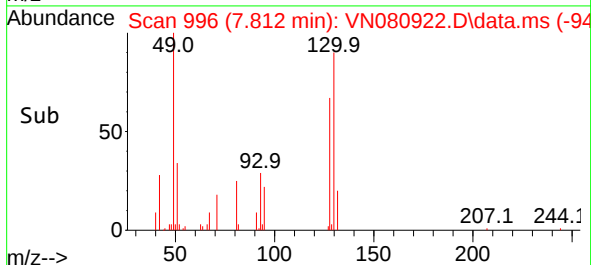
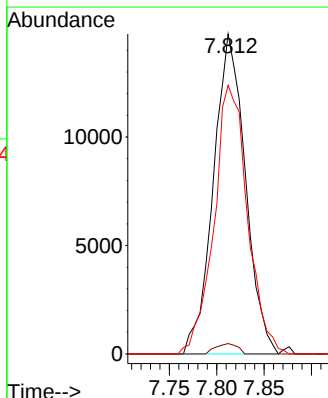
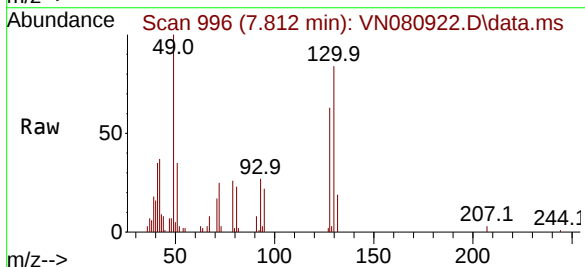
Manual Integrations
 APPROVED

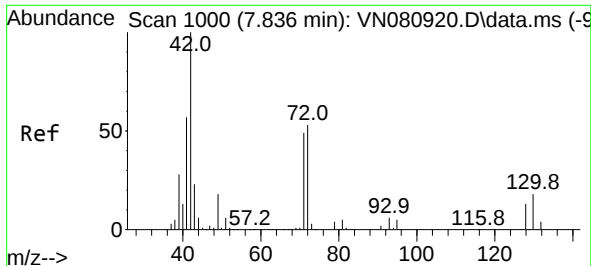
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024



#28
 Bromochloromethane
 Concen: 8.960 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN080922.D
 Acq: 06 Feb 2024 16:57

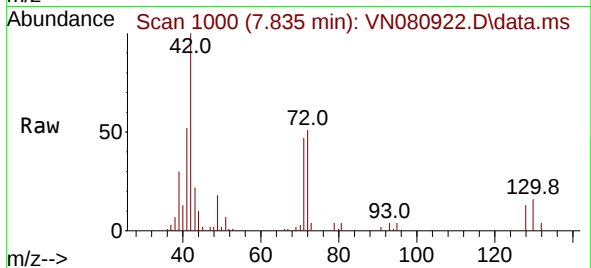
Tgt Ion: 49 Resp: 34597
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 1.6#
 130 87.8 42.3 63.5#





#29
Tetrahydrofuran
Concen: 47.534 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

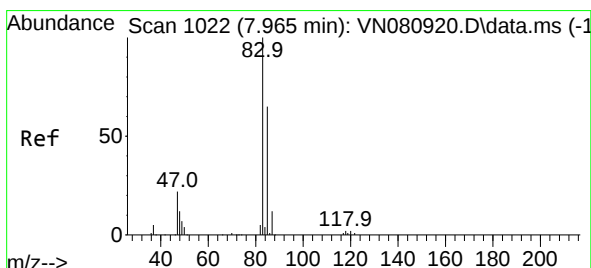
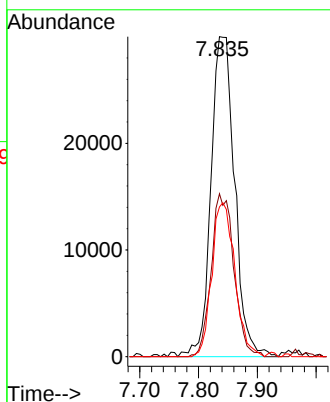
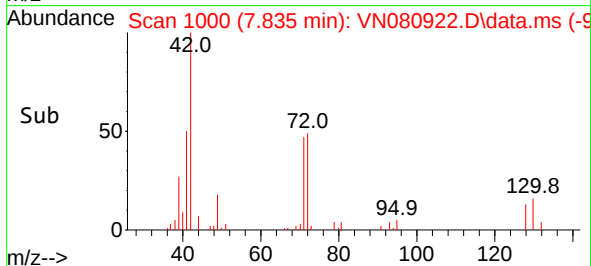
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 42 Resp: 83770
Ion Ratio Lower Upper
42 100
72 48.9 31.1 46.7
71 46.8 28.3 42.5

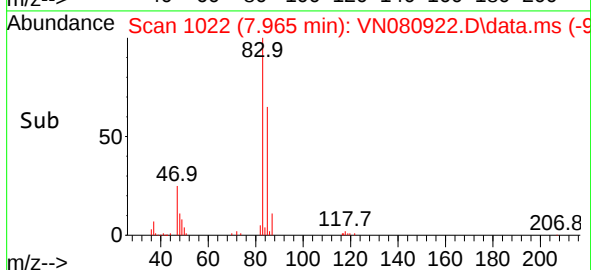
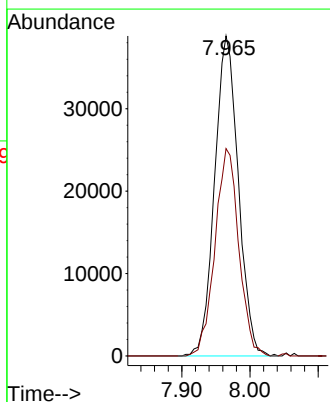
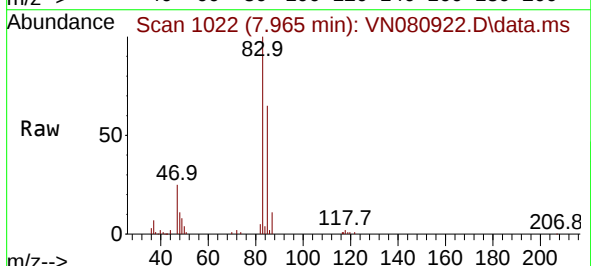
Manual Integrations
APPROVED

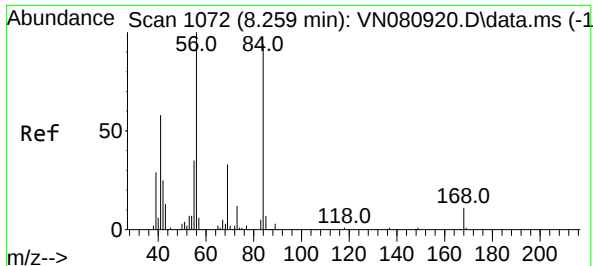
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#30
Chloroform
Concen: 9.158 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

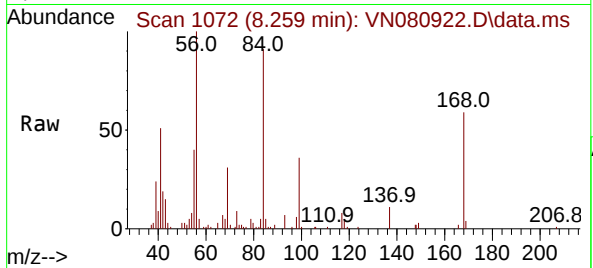
Tgt Ion: 83 Resp: 93916
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.6





#31
Cyclohexane
Concen: 9.308 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

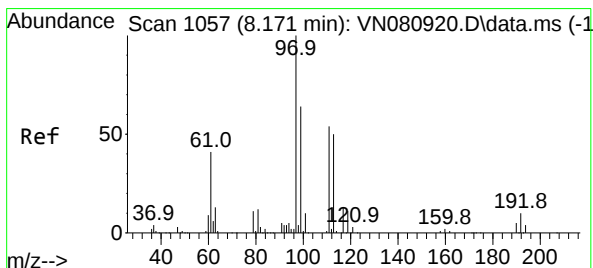
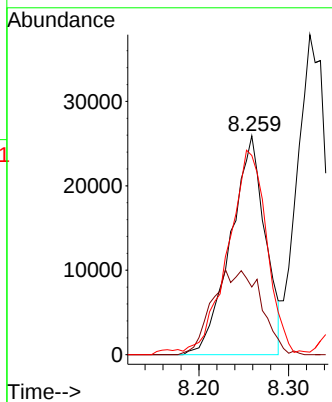
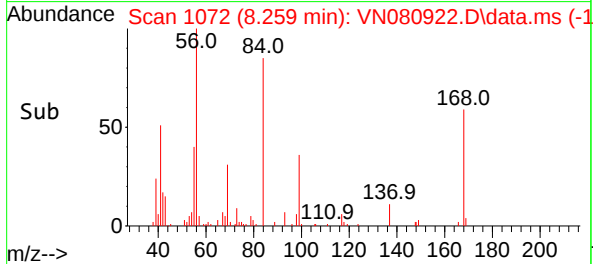
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



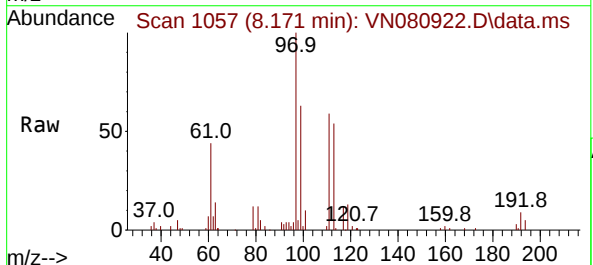
Tgt Ion: 56 Resp: 69448
Ion Ratio Lower Upper
56 100
69 30.9 20.1 30.1
84 88.7 56.9 85.3

Manual Integrations
APPROVED

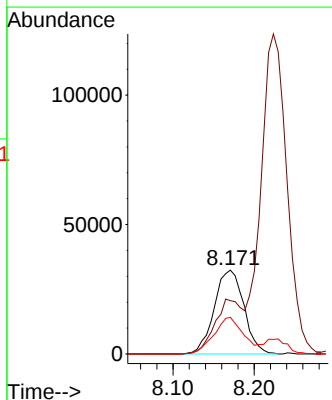
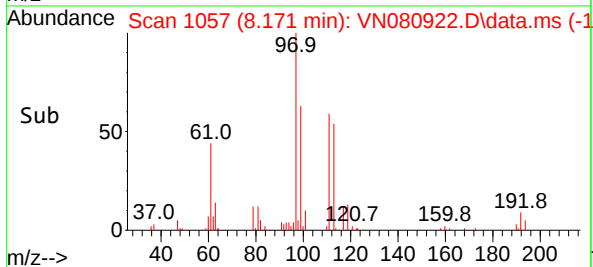
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

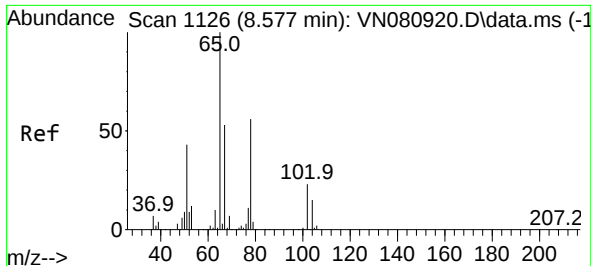


#32
1,1,1-Trichloroethane
Concen: 9.254 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57



Tgt Ion: 97 Resp: 82231
Ion Ratio Lower Upper
97 100
99 61.6 53.4 80.0
61 44.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 9.405 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 51340

Ion Ratio Lower Upper

65 100

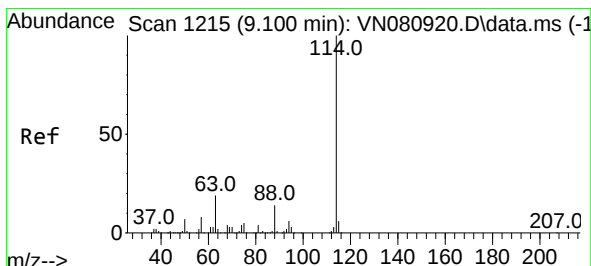
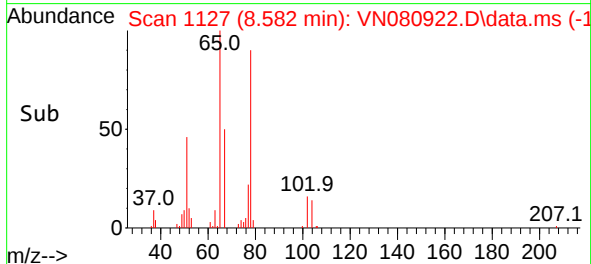
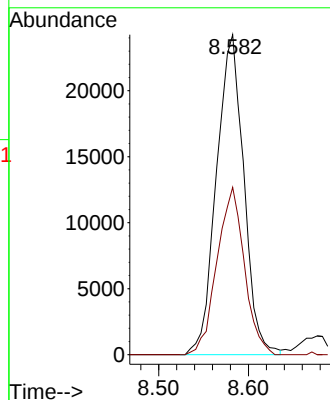
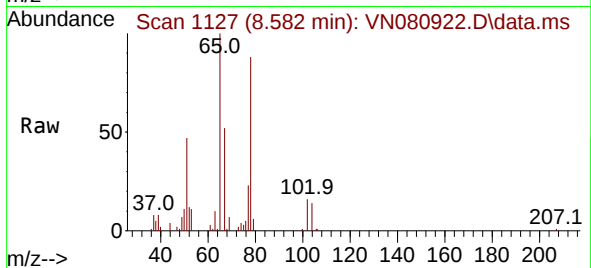
67 52.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

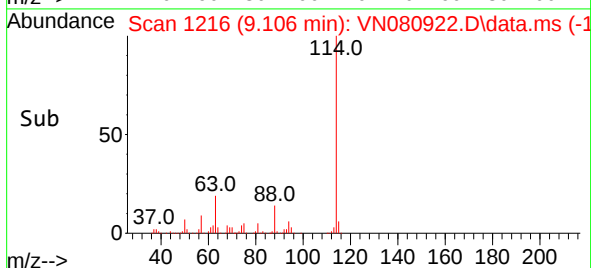
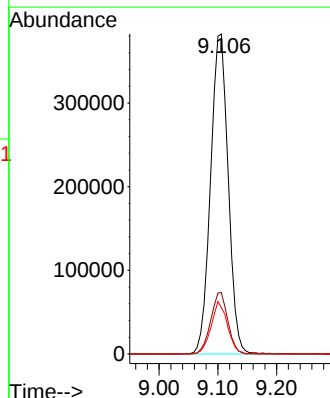
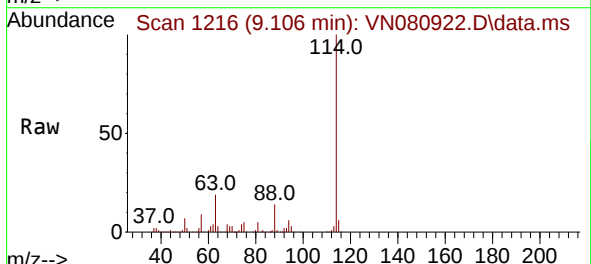
Tgt Ion:114 Resp: 795671

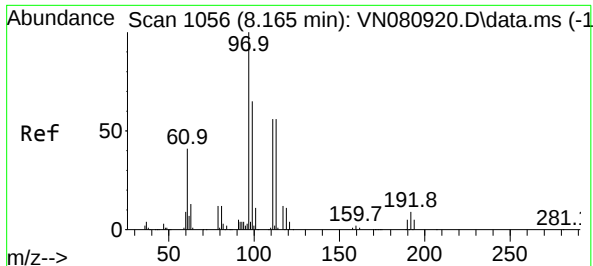
Ion Ratio Lower Upper

114 100

63 19.2 0.0 48.0

88 14.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 10.067 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:113 Resp: 42980

Ion Ratio Lower Upper

113 100

111 106.2 82.2 123.4

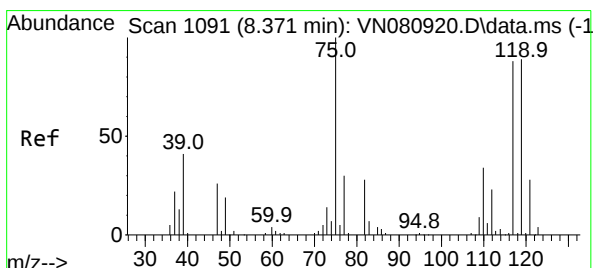
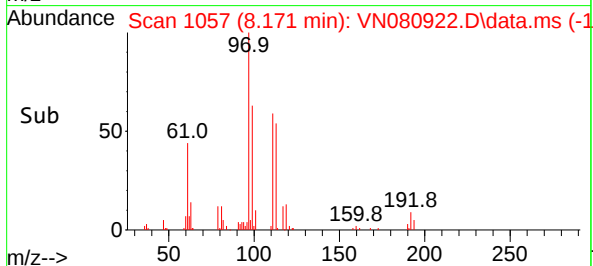
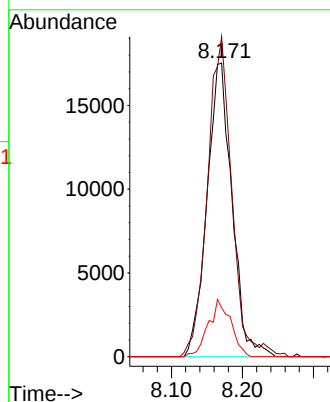
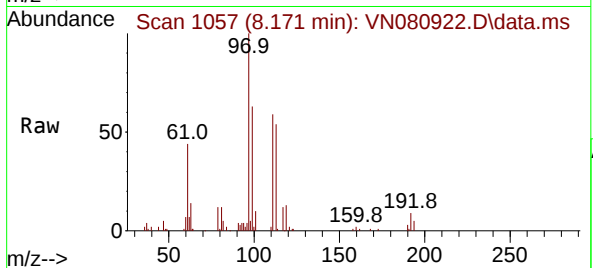
192 17.5 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#36

1,1-Dichloropropene

Concen: 10.390 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

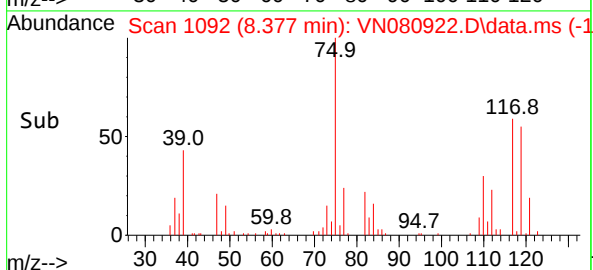
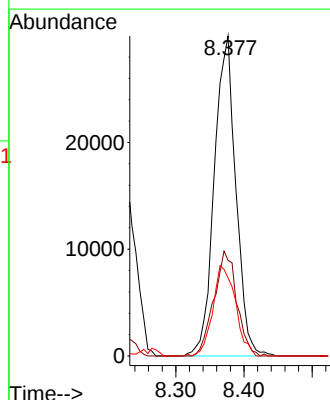
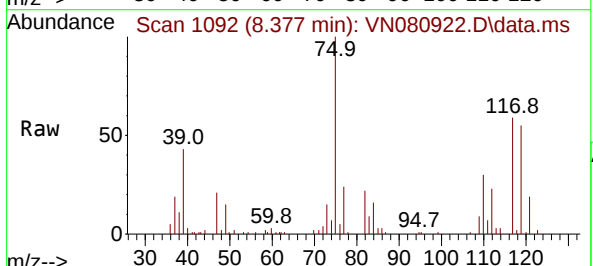
Tgt Ion: 75 Resp: 65991

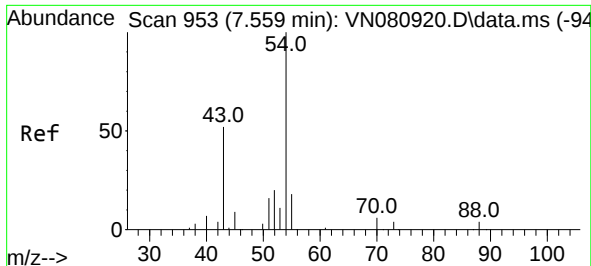
Ion Ratio Lower Upper

75 100

110 34.8 16.0 48.0

77 29.7 25.8 38.6





#37

Ethyl Acetate

Concen: 10.953 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

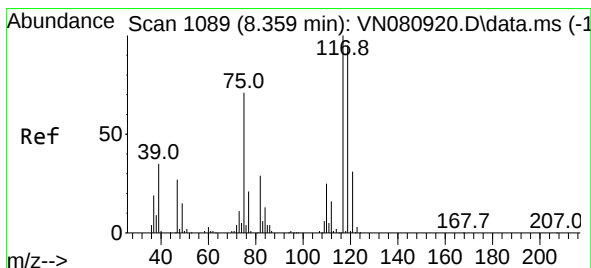
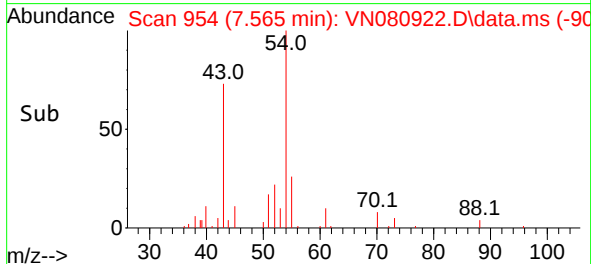
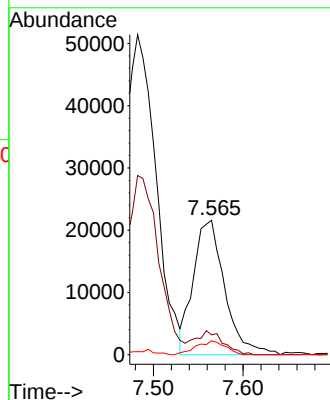
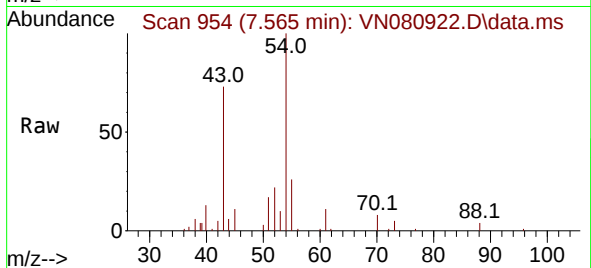
Tgt Ion:	43	Resp:	5264
Ion Ratio	Lower	Upper	
43	100		
61	15.8	10.6	15.8
70	9.4	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#38

Carbon Tetrachloride

Concen: 9.842 ug/l

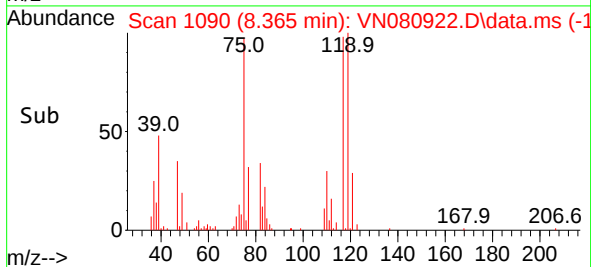
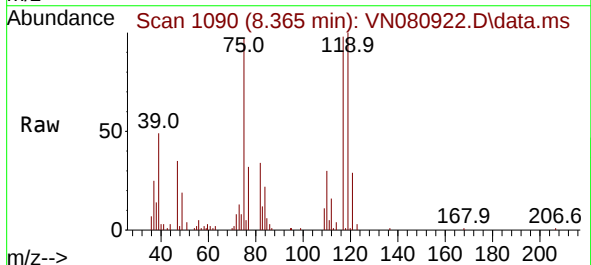
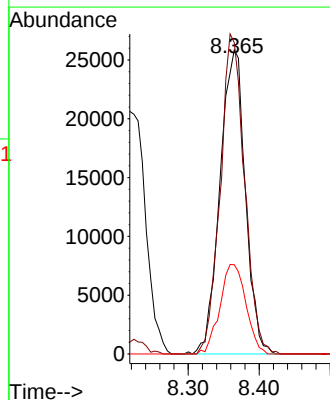
RT: 8.365 min Scan# 1090

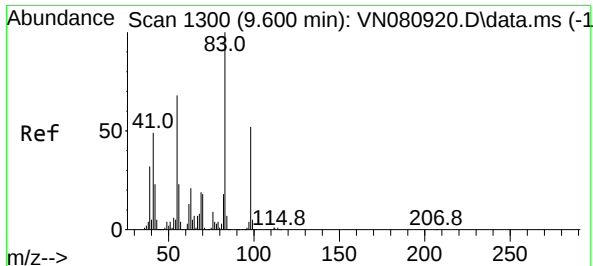
Delta R.T. 0.006 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

Tgt Ion:	117	Resp:	64086
Ion Ratio	Lower	Upper	
117	100		
119	102.4	73.4	110.2
121	29.4	24.4	36.6





#39

Methylcyclohexane

Concen: 8.904 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

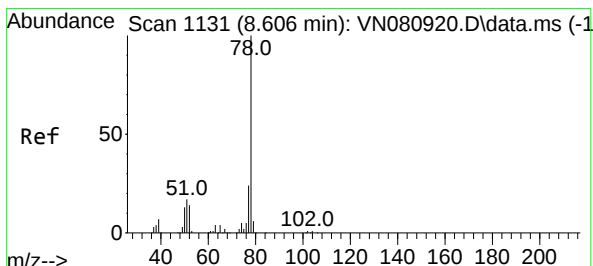
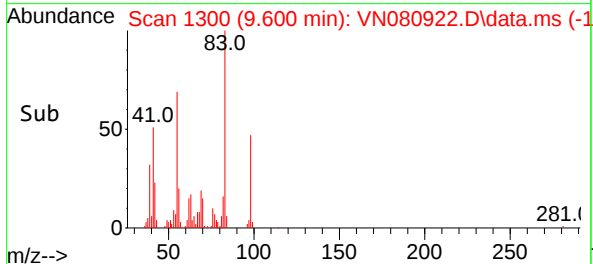
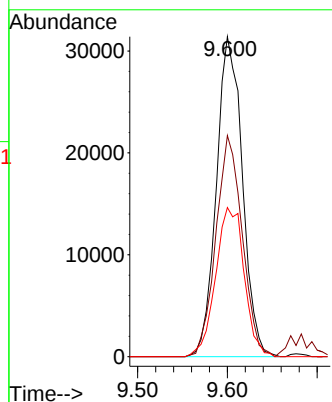
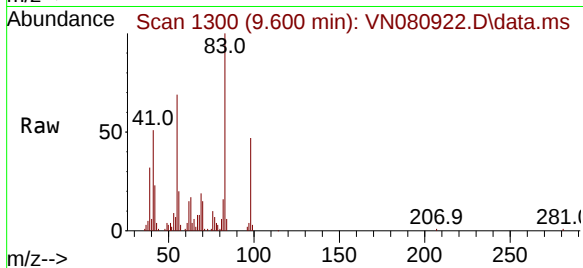
Tgt Ion: 83	Resp: 6303
Ion Ratio	Lower Upper
83 100	
55 69.1	65.7 98.5
98 46.6	33.8 50.6

Manual Integrations

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Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#40

Benzene

Concen: 10.108 ug/l

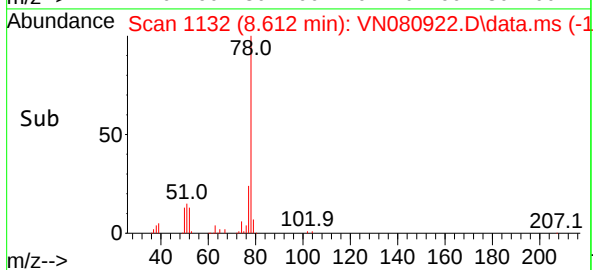
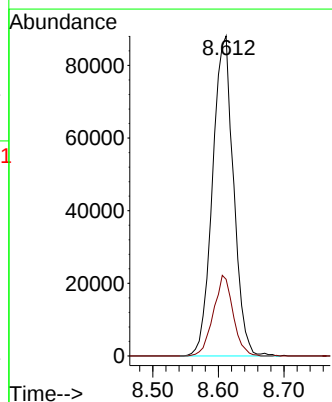
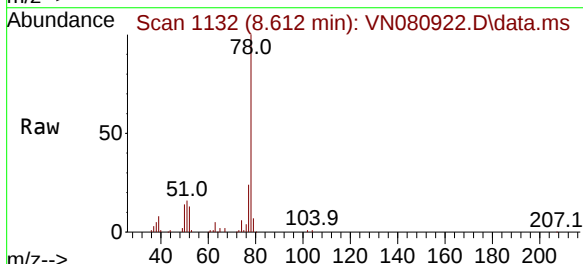
RT: 8.612 min Scan# 1132

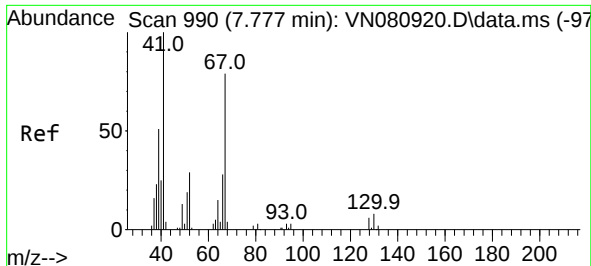
Delta R.T. 0.006 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

Tgt Ion: 78	Resp: 195434
Ion Ratio	Lower Upper
78 100	
77 24.0	20.4 30.6





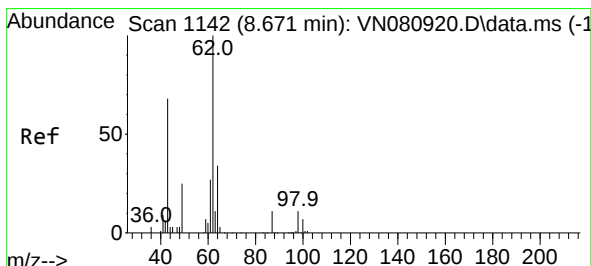
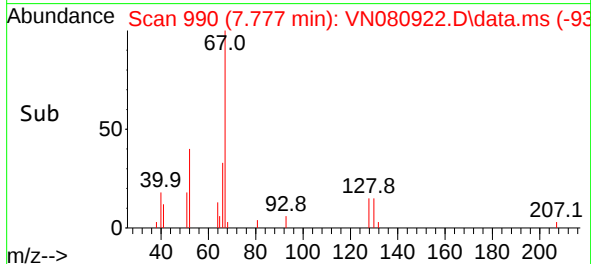
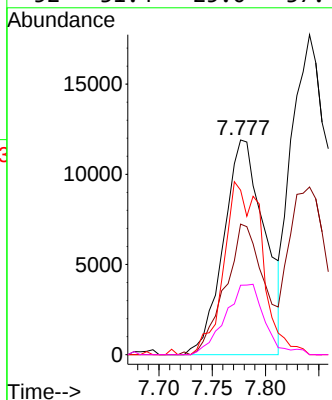
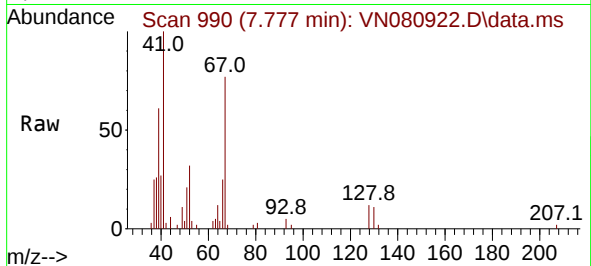
#41
Methacrylonitrile
Concen: 11.140 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:	41	Resp:	31900
Ion	Ratio	Lower	Upper
41	100		
39	57.6	48.4	72.6
67	75.1	56.8	85.2
52	31.4	25.0	37.4

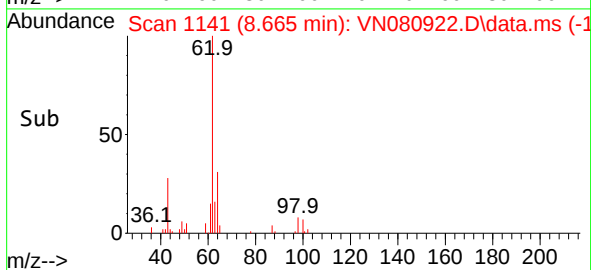
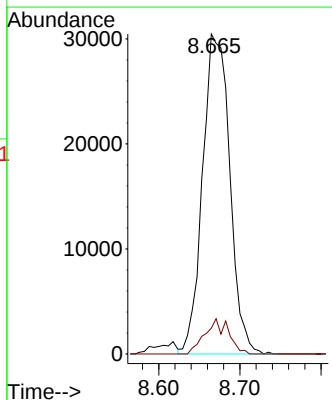
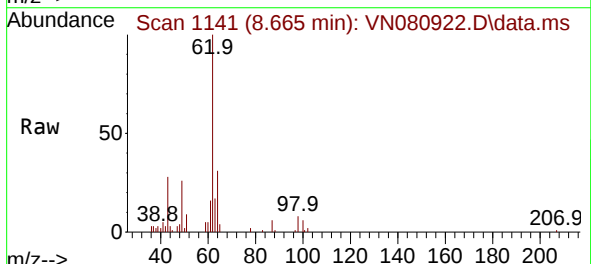
Manual Integrations
APPROVED

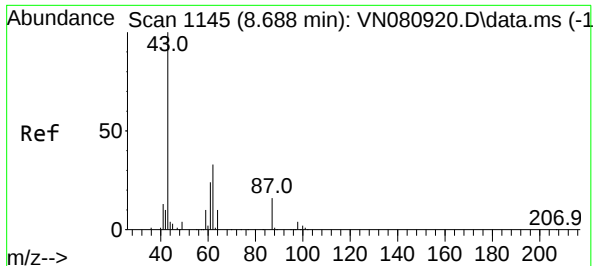
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#42
1,2-Dichloroethane
Concen: 10.530 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

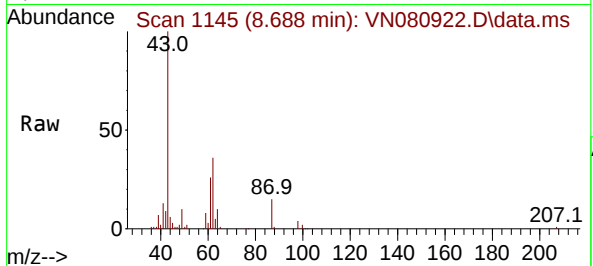
Tgt Ion:	62	Resp:	70883
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0





#43
Isopropyl Acetate
Concen: 10.677 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

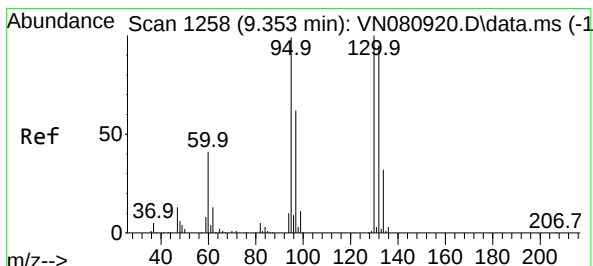
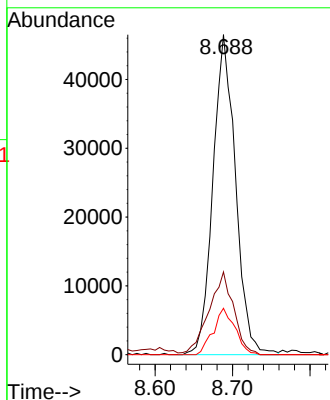
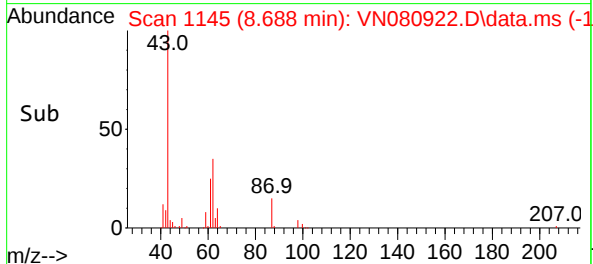
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 94360
Ion Ratio Lower Upper
43 100
61 28.4 19.9 29.9
87 13.9 9.0 13.6

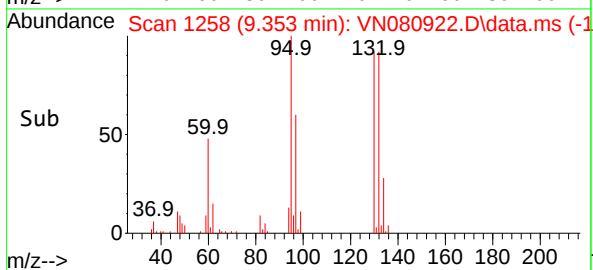
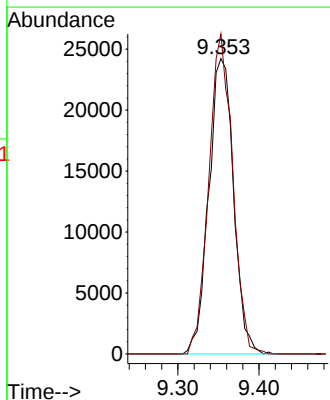
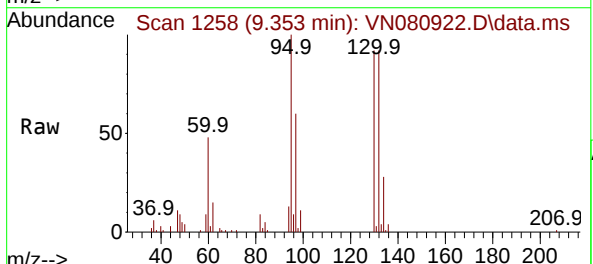
Manual Integrations
APPROVED

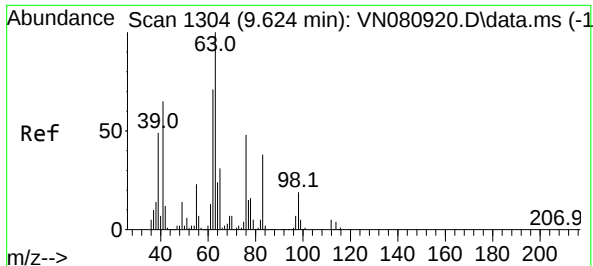
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#44
Trichloroethene
Concen: 8.771 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion:130 Resp: 51508
Ion Ratio Lower Upper
130 100
95 108.3 0.0 210.4





#45

1,2-Dichloropropane

Concen: 8.908 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 4647

Ion Ratio Lower Upper

63 100

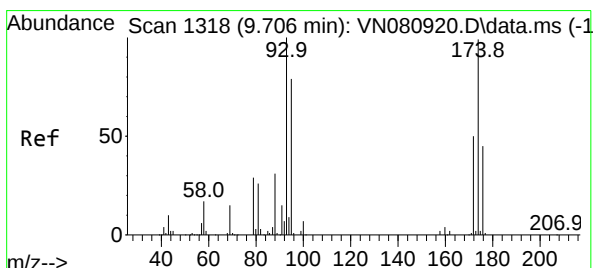
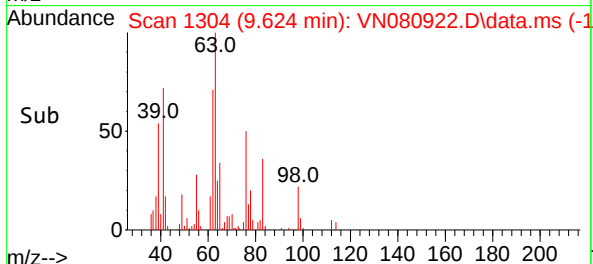
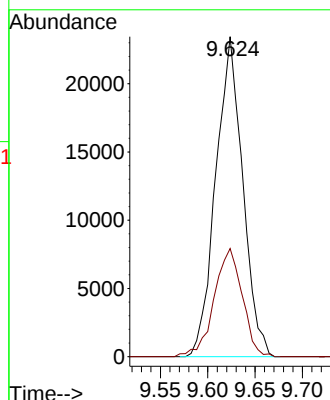
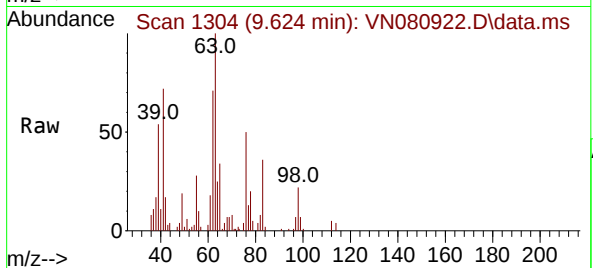
65 33.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Mahesh Dadoda 02/07/2024



#46

Dibromomethane

Concen: 9.654 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080922.D

Acq: 06 Feb 2024 16:57

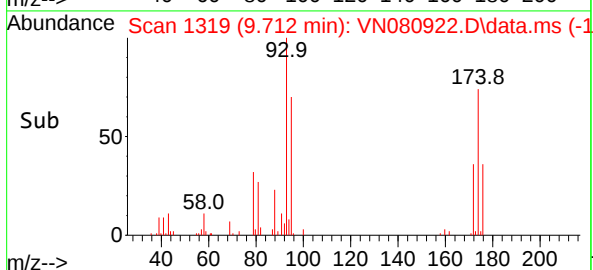
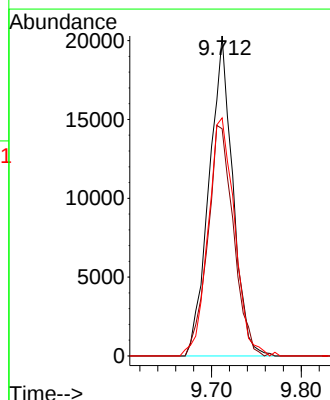
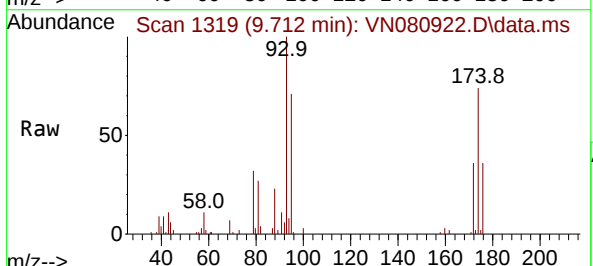
Tgt Ion: 93 Resp: 37241

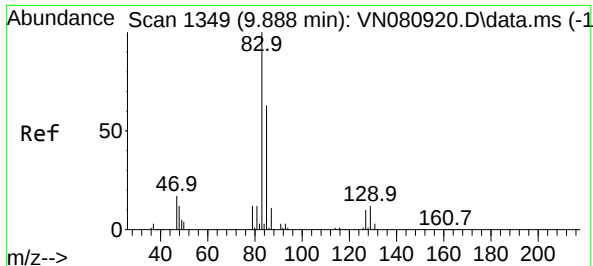
Ion Ratio Lower Upper

93 100

95 78.1 68.1 102.1

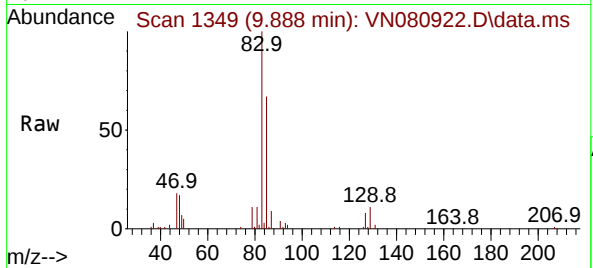
174 83.0 57.2 85.8





#47
Bromodichloromethane
Concen: 9.489 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

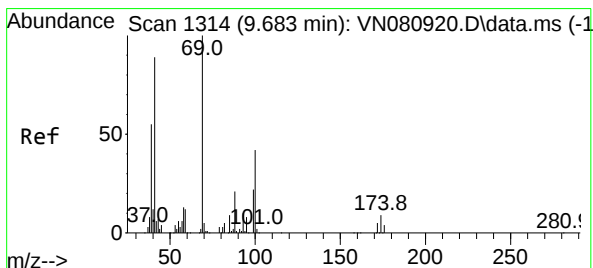
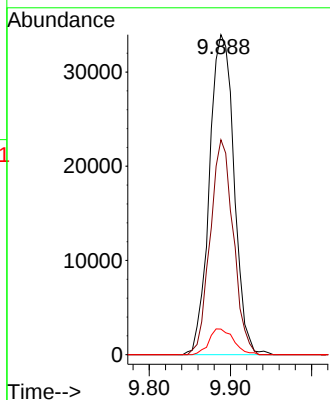
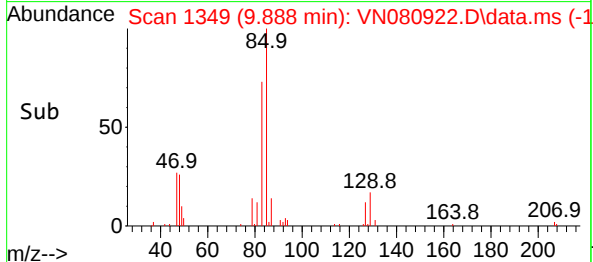
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



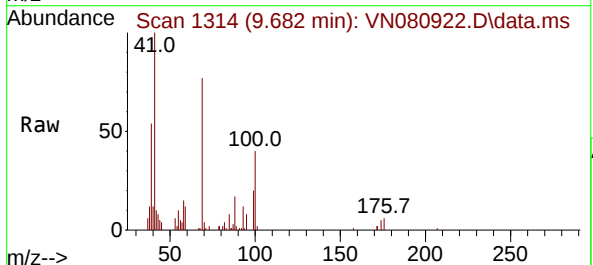
Tgt Ion: 83 Resp: 71594
Ion Ratio Lower Upper
83 100
85 67.2 52.3 78.5
127 8.0 4.6 7.0

Manual Integrations
APPROVED

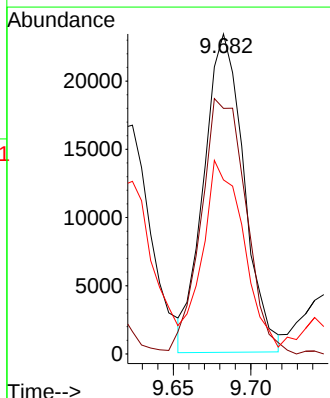
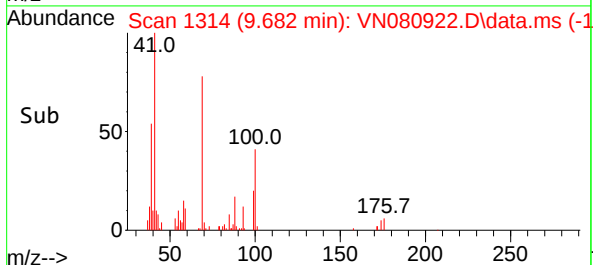
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

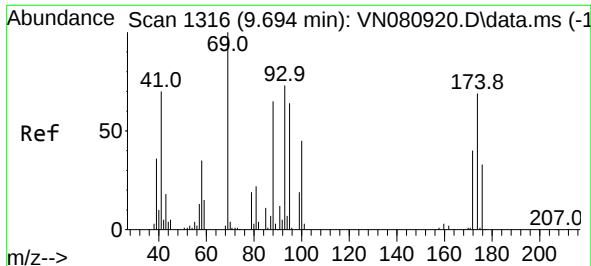


#48
Methyl methacrylate
Concen: 8.462 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57



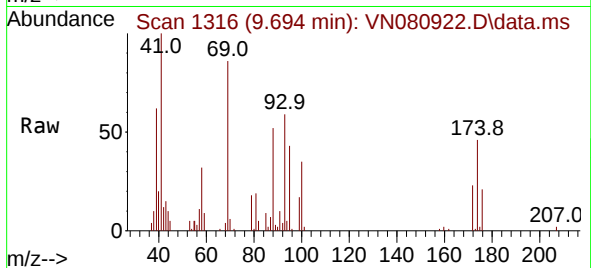
Tgt Ion: 41 Resp: 42134
Ion Ratio Lower Upper
41 100
69 89.9 62.2 93.2
39 62.9 47.6 71.4





#49
1,4-Dioxane
Concen: 172.495 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

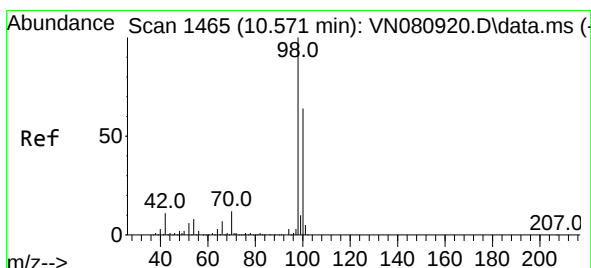
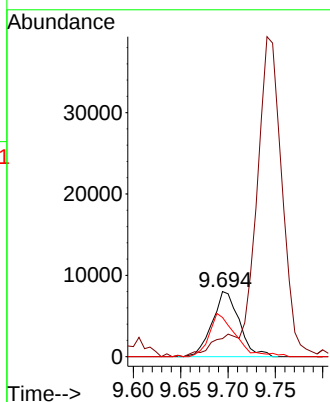
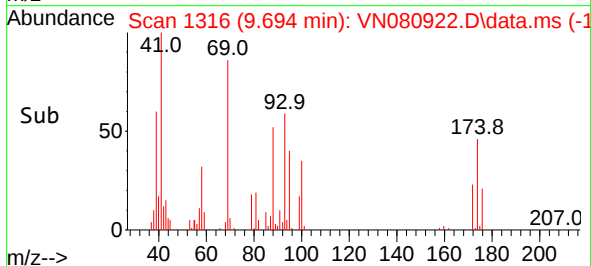
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



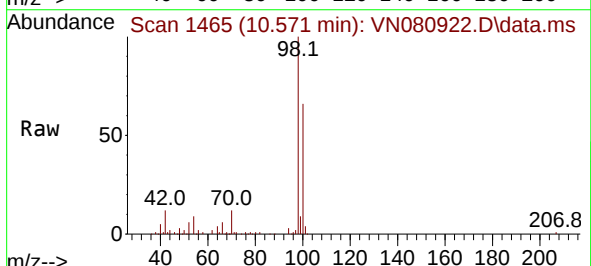
Tgt Ion: 88 Resp: 1585
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 64.7 63.9 95.9

Manual Integrations
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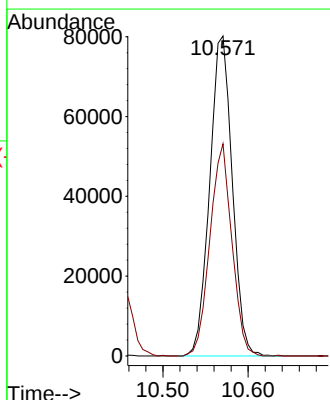
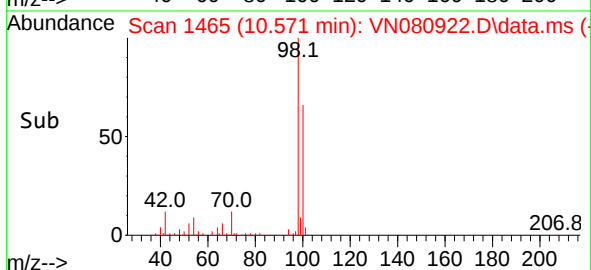
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

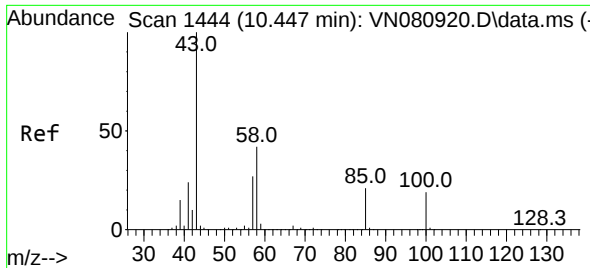


#50
Toluene-d8
Concen: 9.556 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57



Tgt Ion: 98 Resp: 147585
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0





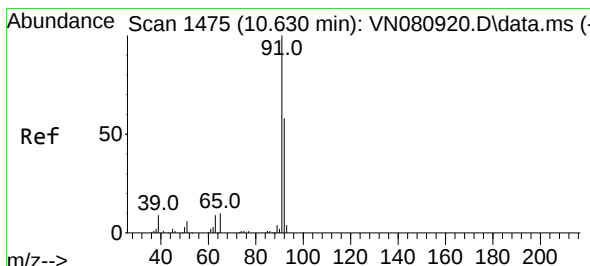
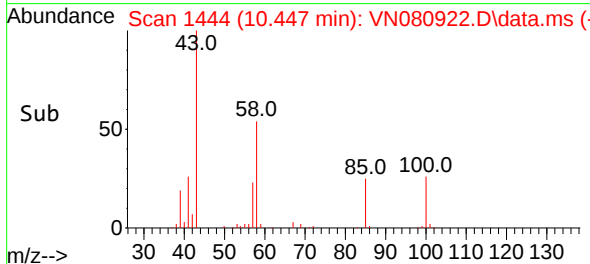
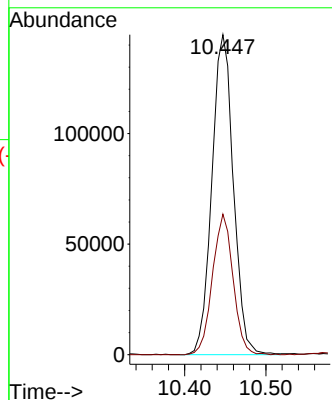
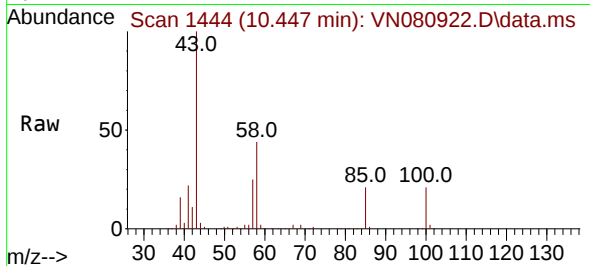
#51
4-Methyl-2-Pentanone
Concen: 50.028 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 26645
Ion Ratio Lower Upper
43 100
58 42.1 29.4 44.0

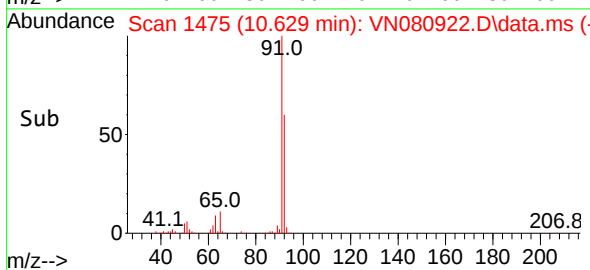
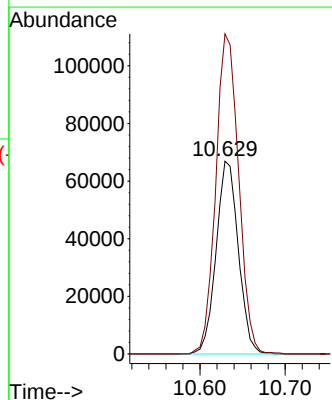
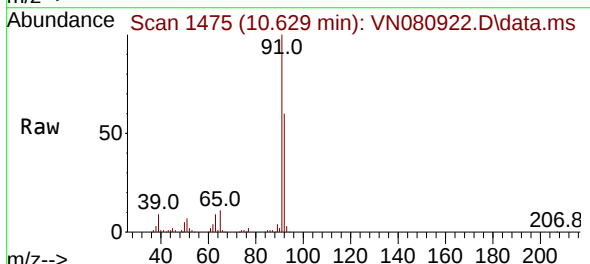
Manual Integrations
APPROVED

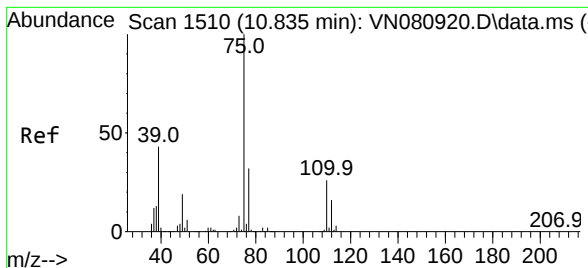
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#52
Toluene
Concen: 9.365 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

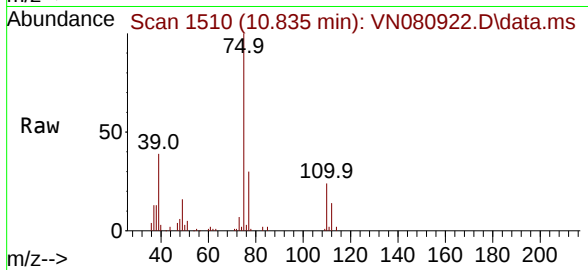
Tgt Ion: 92 Resp: 121287
Ion Ratio Lower Upper
92 100
91 170.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 9.808 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

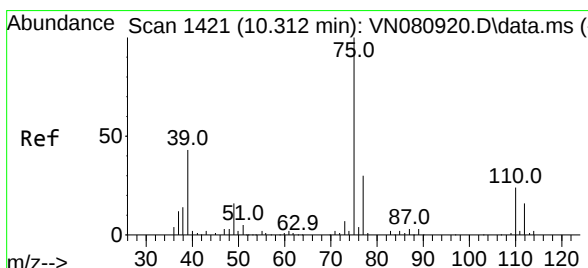
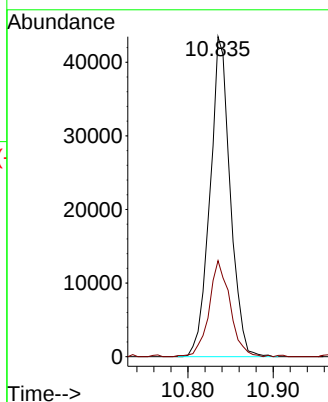
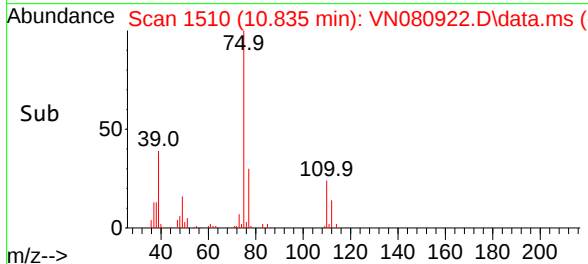
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 7160
Ion Ratio Lower Upper
75 100
77 29.6 25.5 38.3

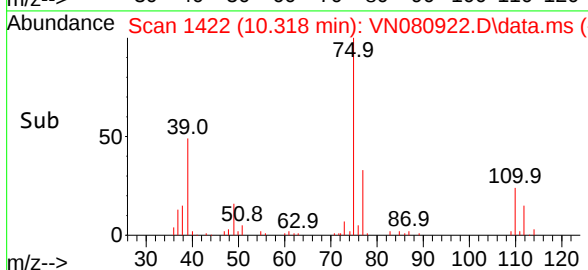
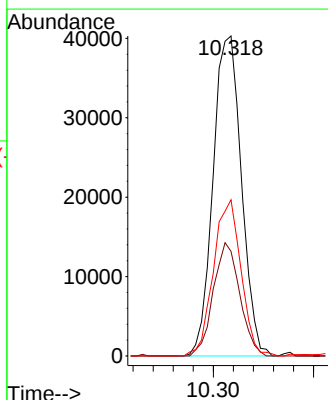
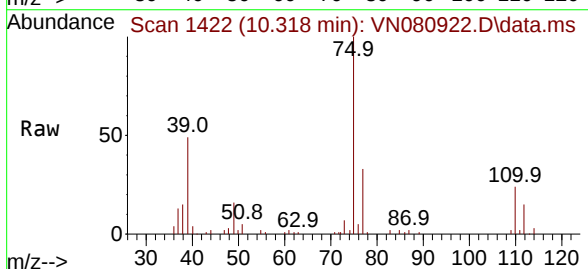
Manual Integrations
APPROVED

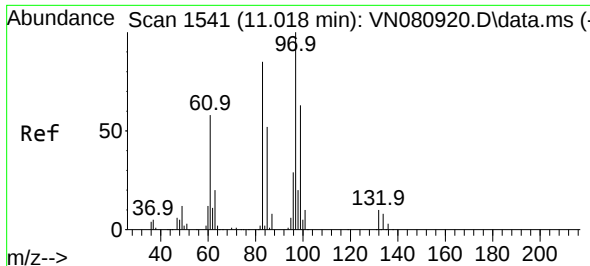
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#54
cis-1,3-Dichloropropene
Concen: 9.634 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

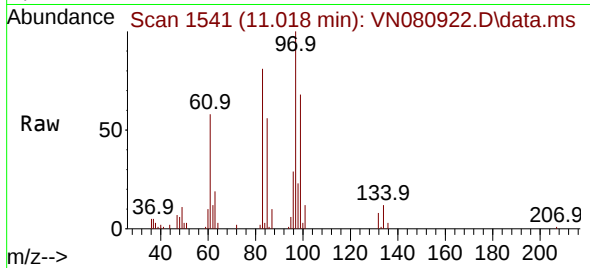
Tgt Ion: 75 Resp: 78950
Ion Ratio Lower Upper
75 100
77 32.7 23.3 34.9
39 48.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 9.966 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

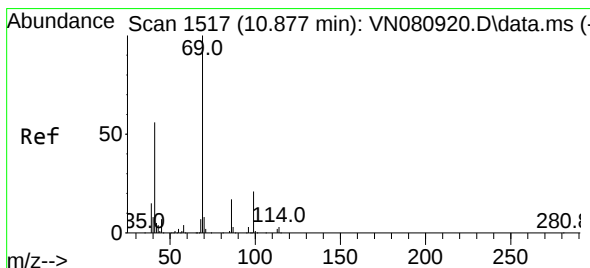
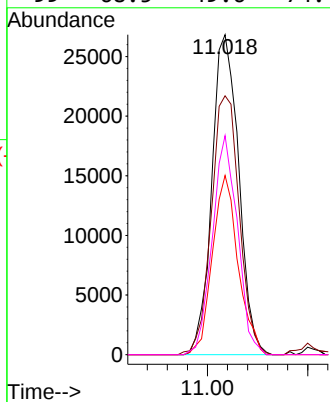
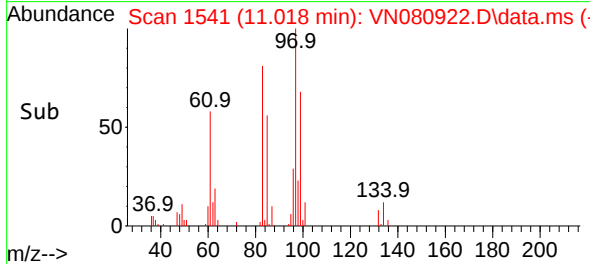
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 97 Resp: 4988
Ion Ratio Lower Upper
97 100
83 80.9 72.9 109.3
85 56.0 50.2 75.2
99 68.5 49.6 74.4

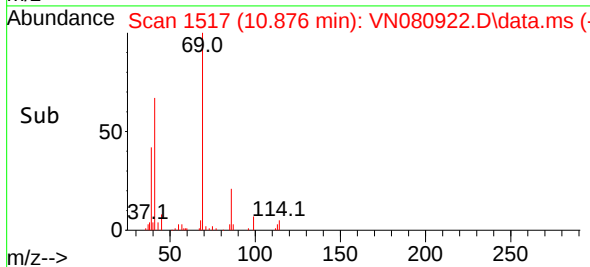
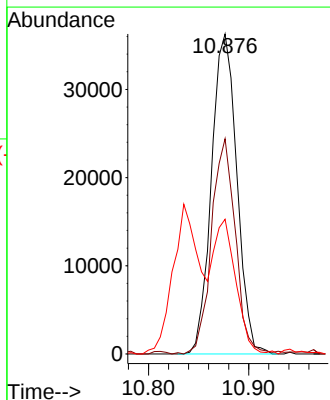
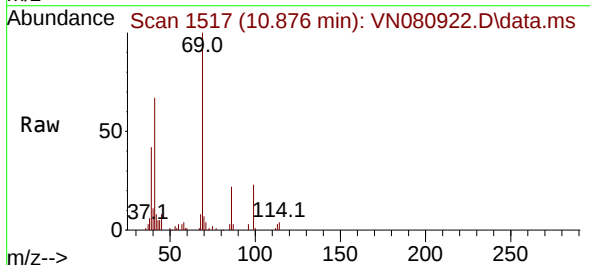
Manual Integrations
APPROVED

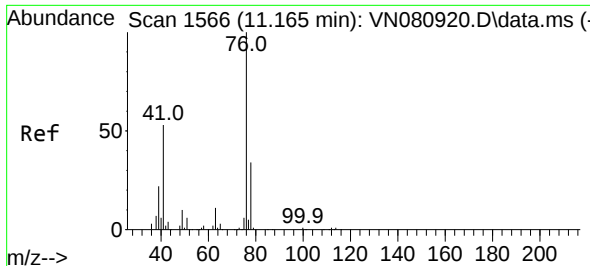
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#56
Ethyl methacrylate
Concen: 10.656 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

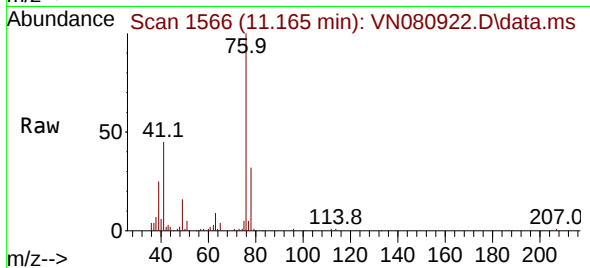
Tgt Ion: 69 Resp: 63808
Ion Ratio Lower Upper
69 100
41 63.8 61.0 91.6
39 37.1 31.8 47.6





#57
1,3-Dichloropropane
Concen: 10.095 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

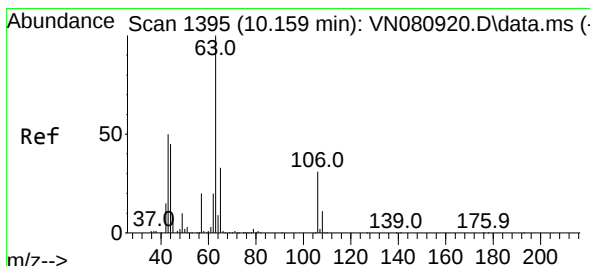
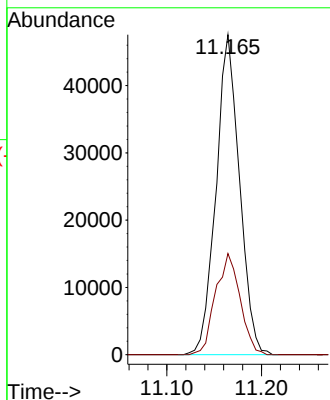
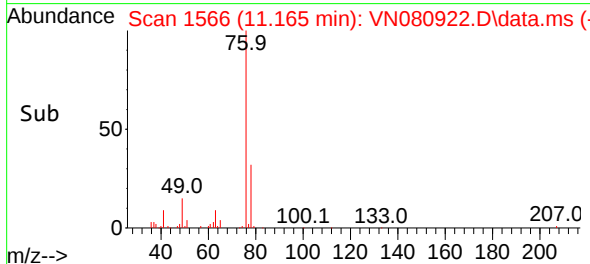
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 81978
Ion Ratio Lower Upper
76 100
78 33.0 25.5 38.3

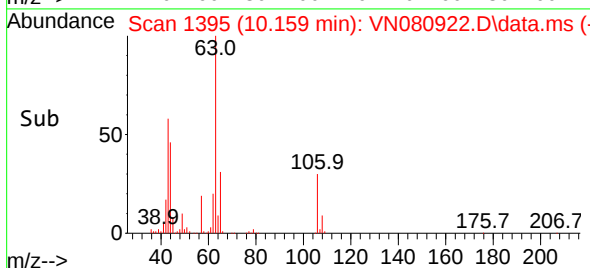
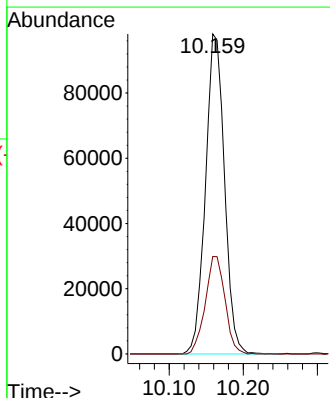
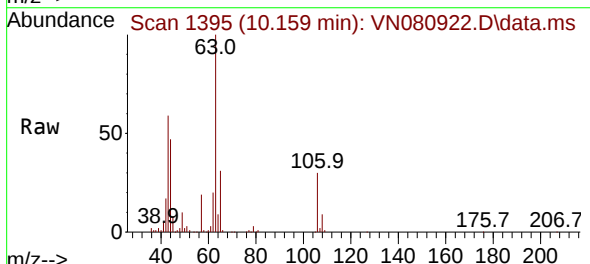
Manual Integrations
APPROVED

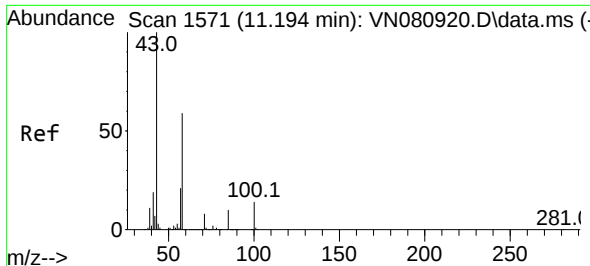
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#58
2-Chloroethyl Vinyl ether
Concen: 48.012 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

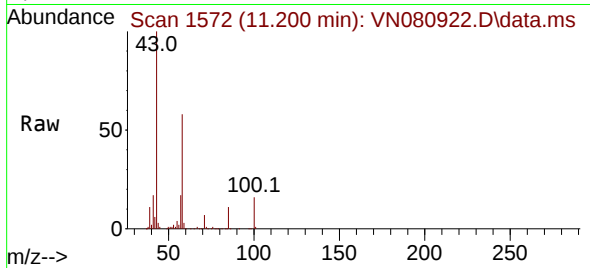
Tgt Ion: 63 Resp: 174532
Ion Ratio Lower Upper
63 100
106 31.5 18.6 28.0#





#59
2-Hexanone
Concen: 49.342 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

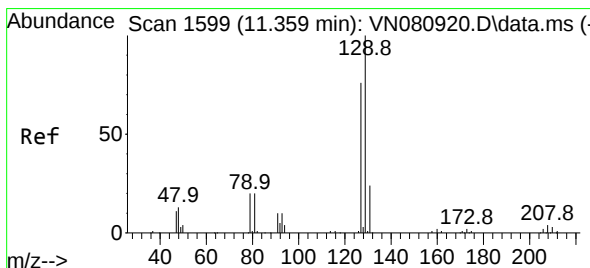
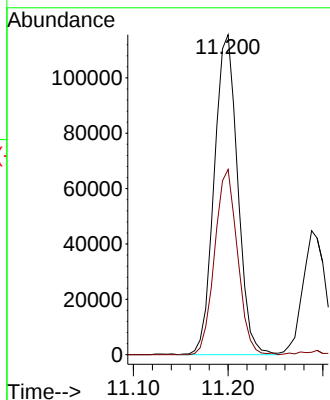
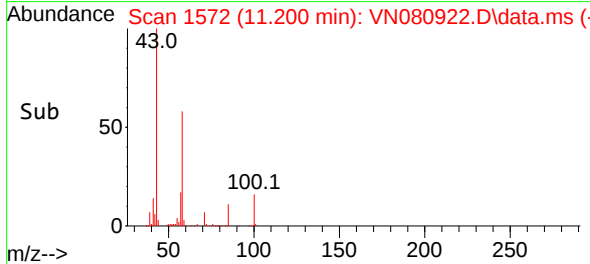
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 19918
Ion Ratio Lower Upper
43 100
58 56.3 25.9 77.8

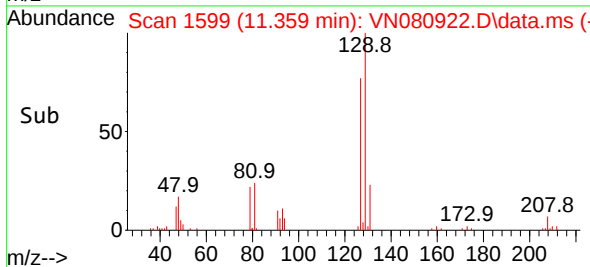
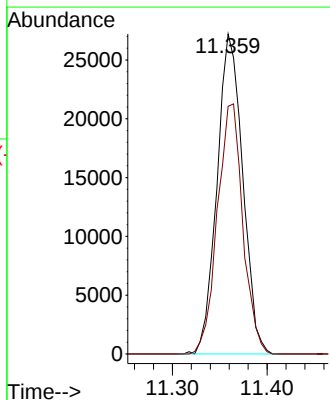
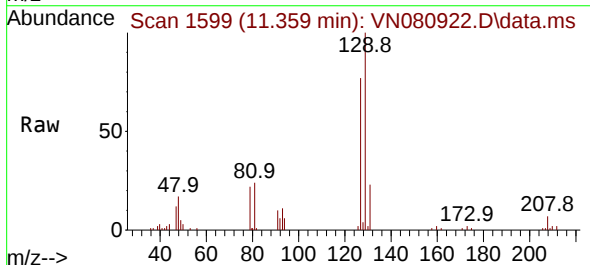
Manual Integrations
APPROVED

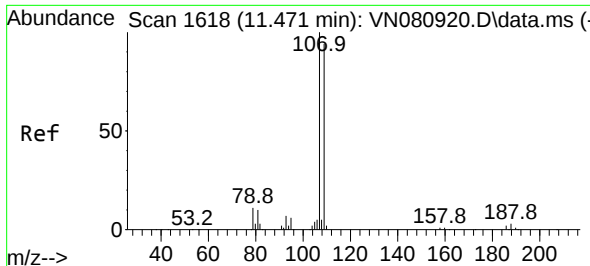
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#60
Dibromochloromethane
Concen: 10.030 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

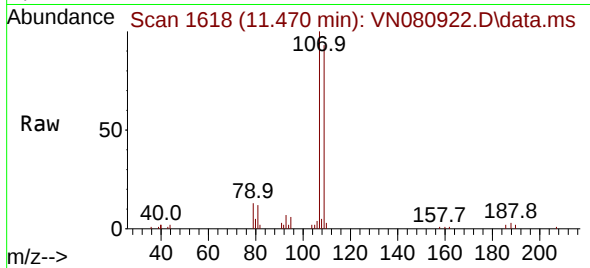
Tgt Ion:129 Resp: 51297
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 9.997 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

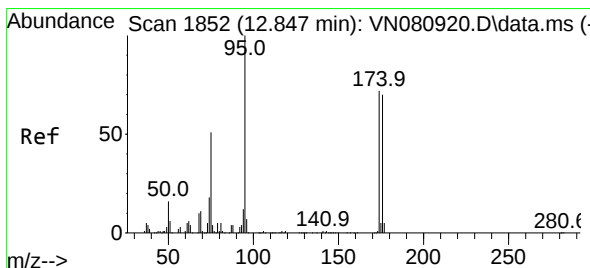
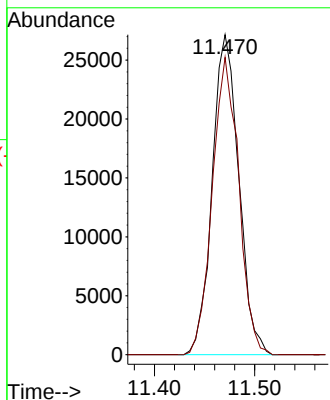
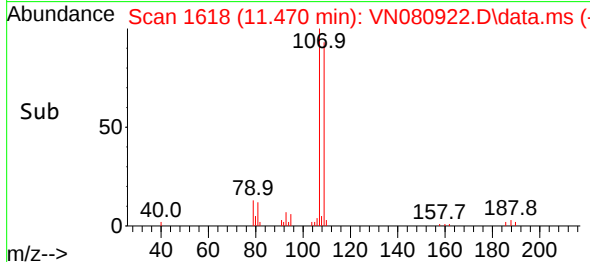
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



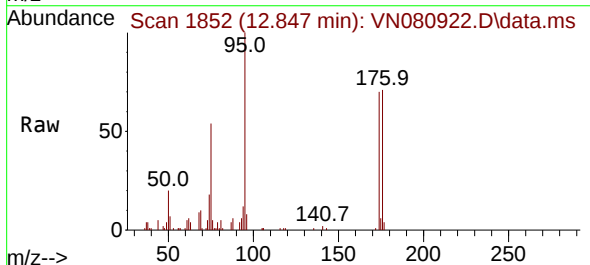
Tgt Ion:107 Resp: 49914
Ion Ratio Lower Upper
107 100
109 92.7 73.4 110.2

Manual Integrations
APPROVED

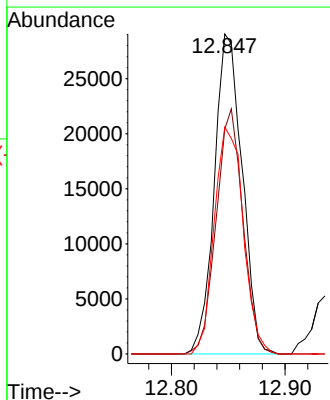
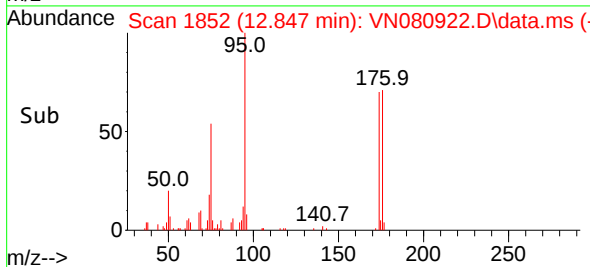
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

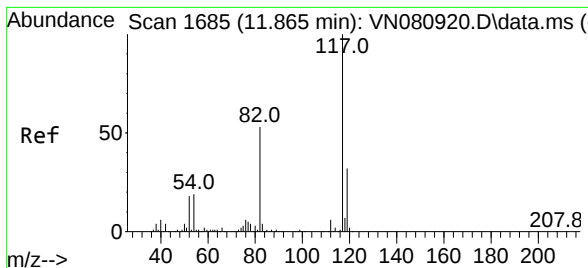


#62
4-Bromofluorobenzene
Concen: 8.784 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57



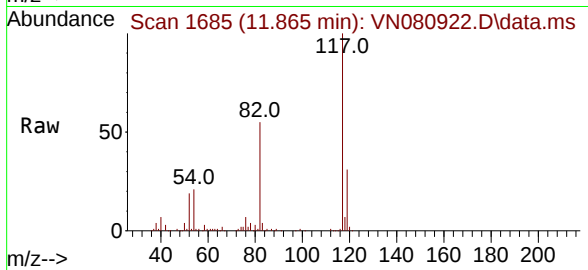
Tgt Ion: 95 Resp: 49282
Ion Ratio Lower Upper
95 100
174 73.7 0.0 120.4
176 74.1 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

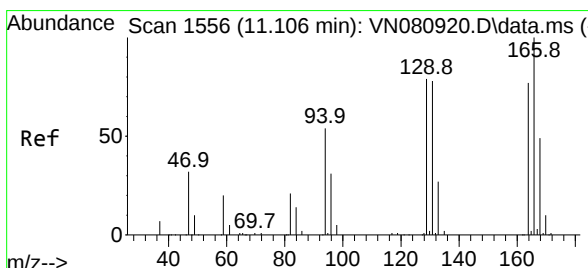
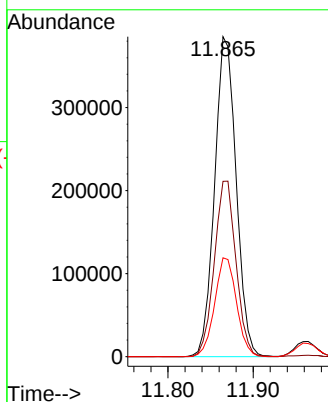
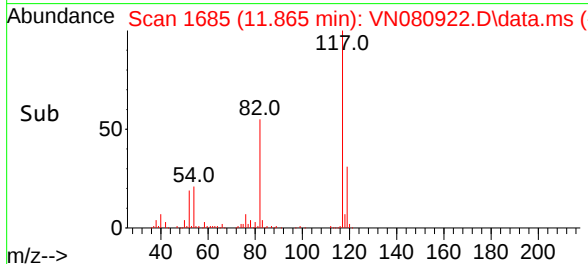
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



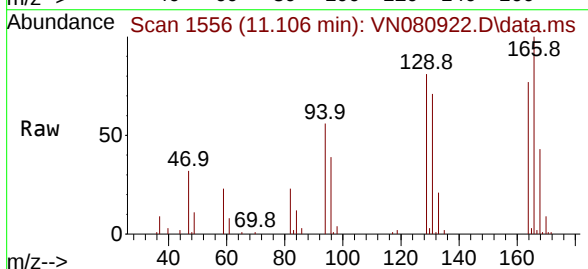
Tgt Ion:117 Resp: 67838
Ion Ratio Lower Upper
117 100
82 54.8 52.7 79.1
119 30.9 25.3 37.9

Manual Integrations
APPROVED

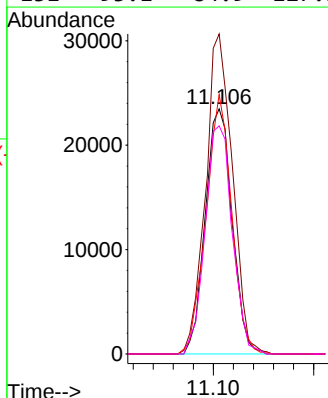
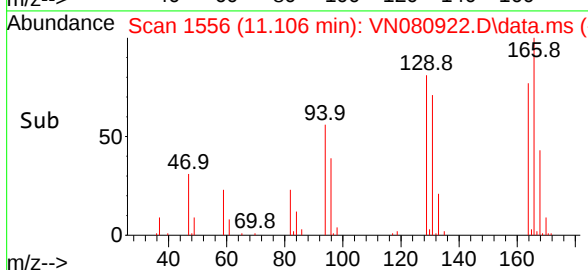
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

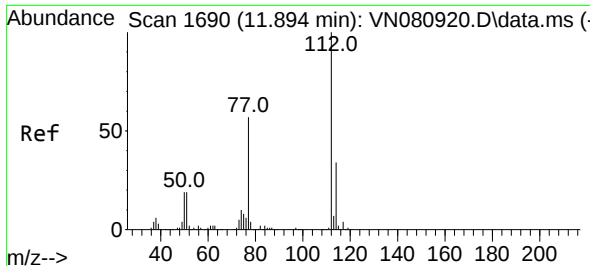


#64
Tetrachloroethene
Concen: 8.538 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57



Tgt Ion:164 Resp: 43718
Ion Ratio Lower Upper
164 100
166 130.5 105.8 158.6
129 105.8 89.6 134.4
131 93.1 84.9 127.3





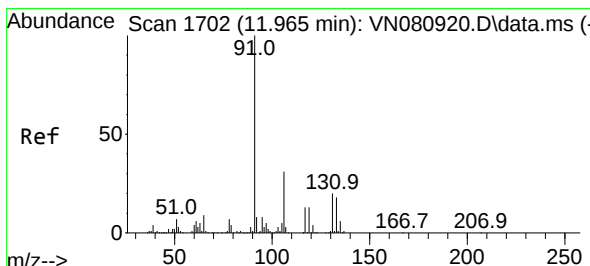
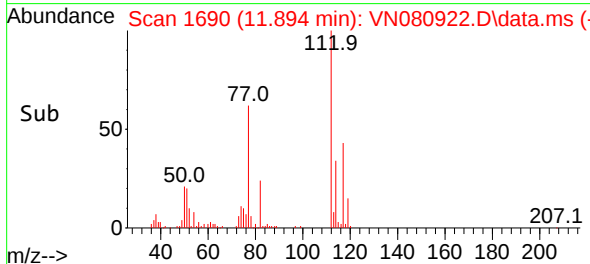
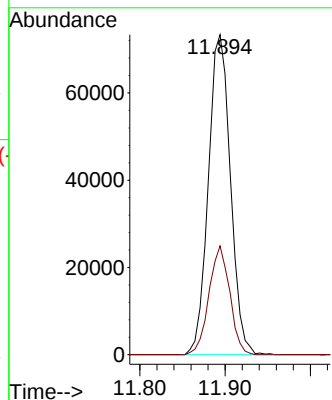
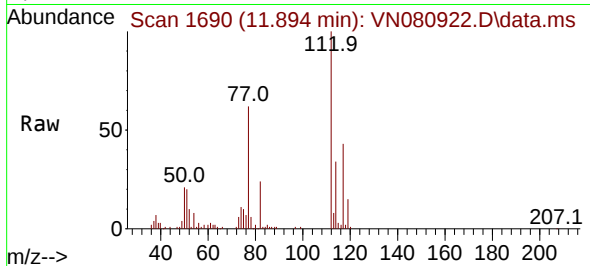
#65
Chlorobenzene
Concen: 9.285 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 132009
Ion Ratio Lower Upper
112 100
114 34.0 23.7 35.5

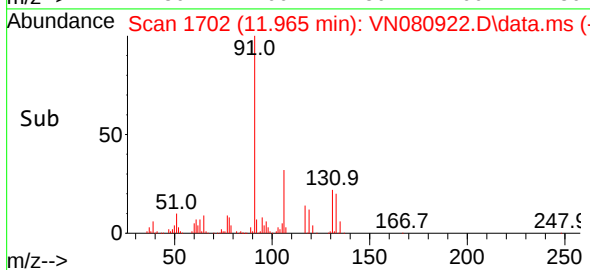
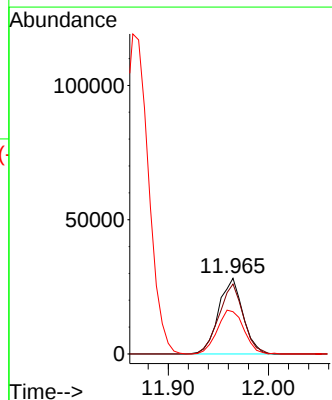
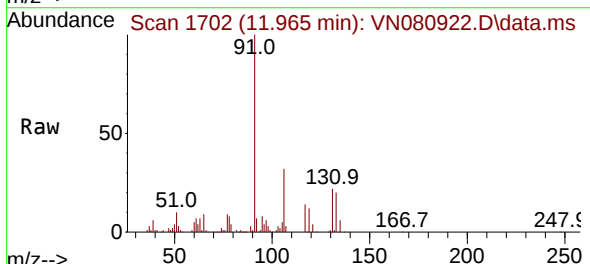
Manual Integrations
APPROVED

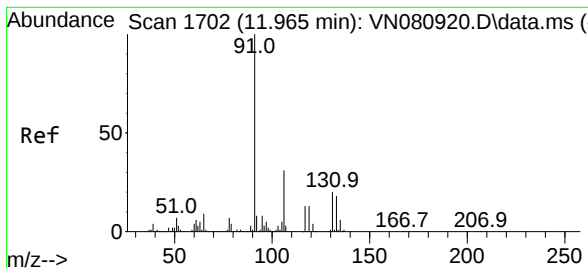
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 9.257 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion:131 Resp: 47491
Ion Ratio Lower Upper
131 100
133 92.7 46.8 140.3
119 63.0 34.6 103.9





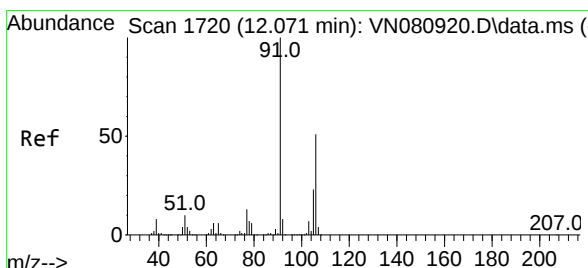
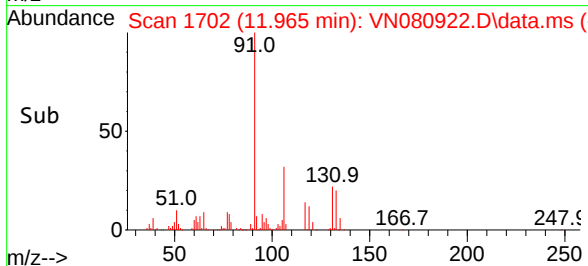
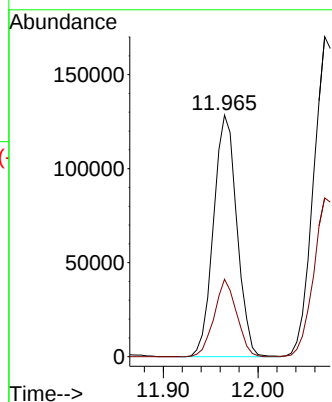
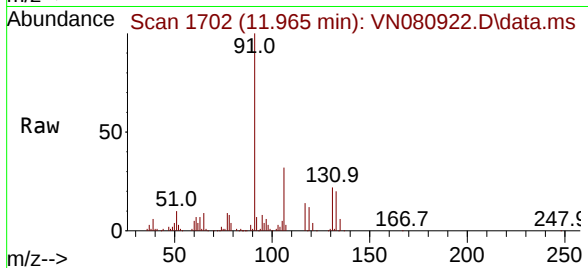
#67
Ethyl Benzene
Concen: 8.994 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 220263
Ion Ratio Lower Upper
91 100
106 32.0 23.8 35.6

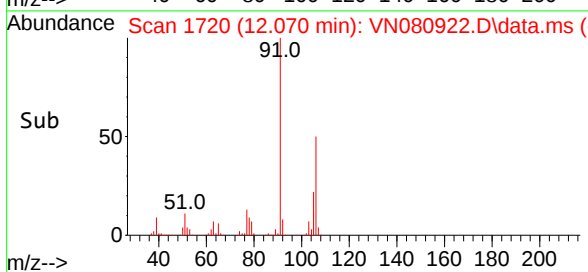
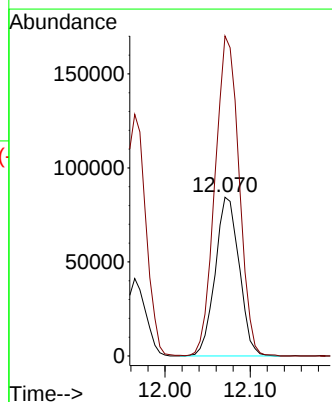
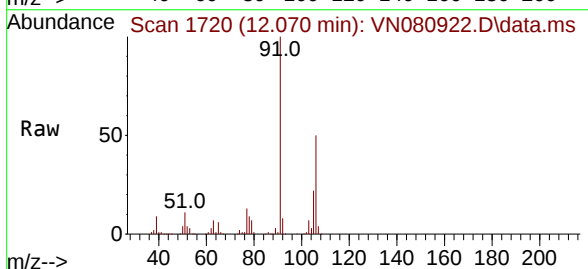
Manual Integrations
APPROVED

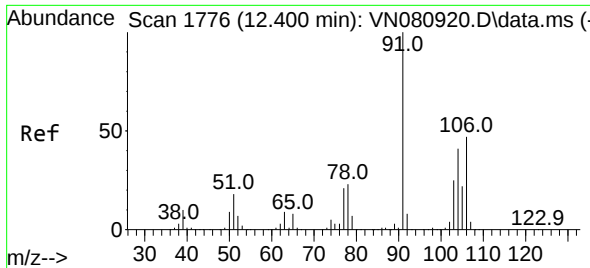
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#68
m/p-Xylenes
Concen: 17.774 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion:106 Resp: 165382
Ion Ratio Lower Upper
106 100
91 202.1 169.0 253.6





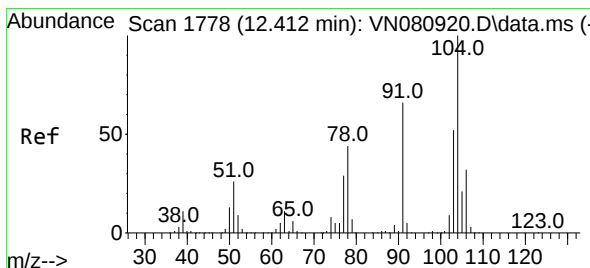
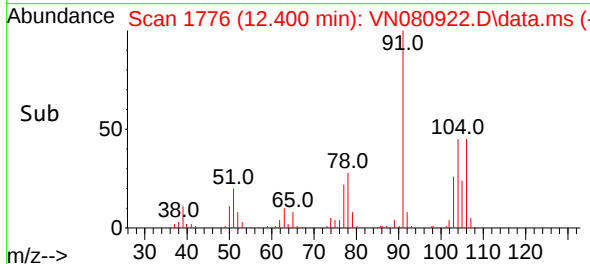
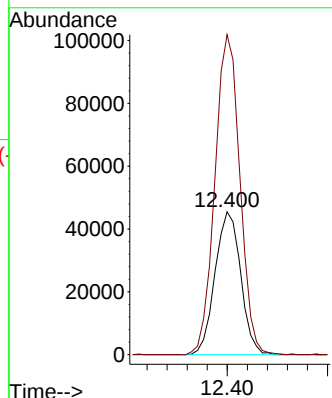
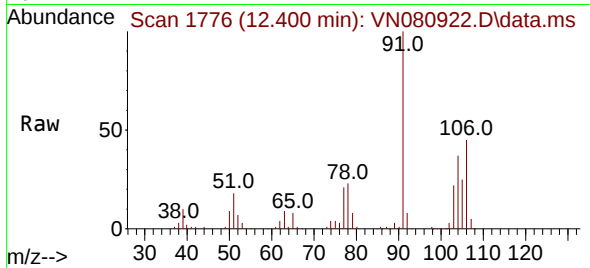
#69
o-Xylene
Concen: 8.922 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 8055
Ion Ratio Lower Upper
106 100
91 218.9 112.1 336.3

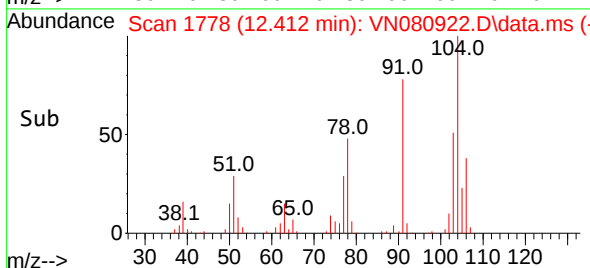
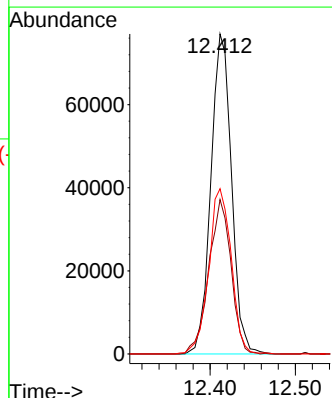
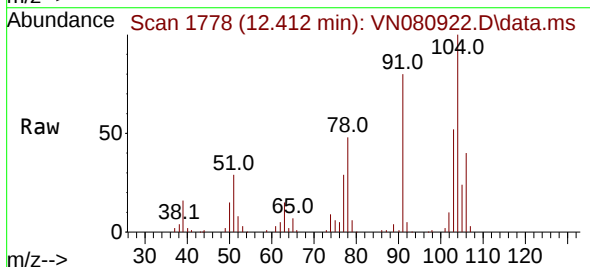
Manual Integrations
APPROVED

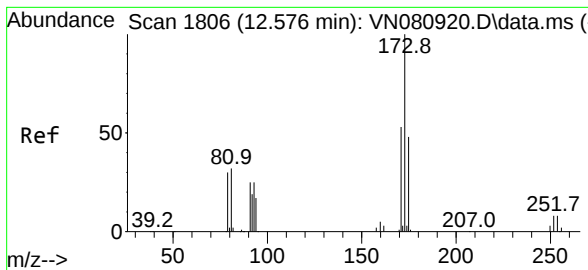
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#70
Styrene
Concen: 9.549 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion:104 Resp: 129394
Ion Ratio Lower Upper
104 100
78 51.9 43.8 65.8
103 56.3 44.2 66.2





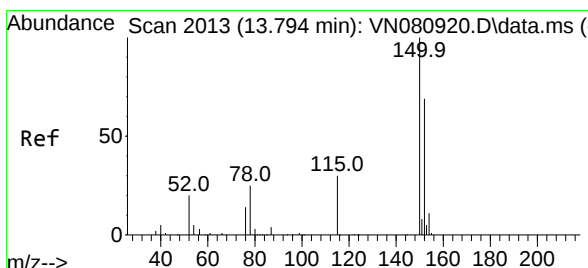
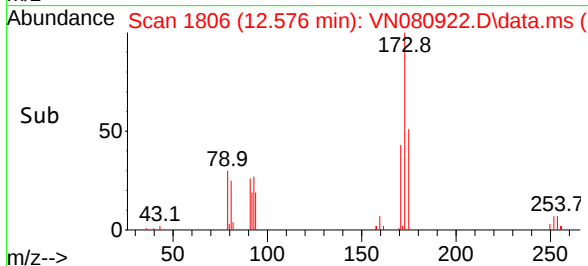
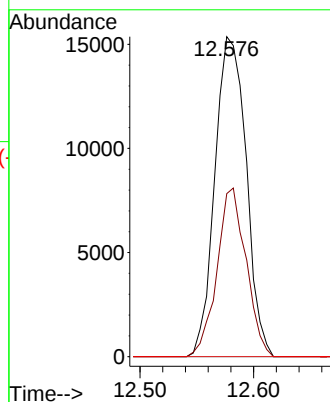
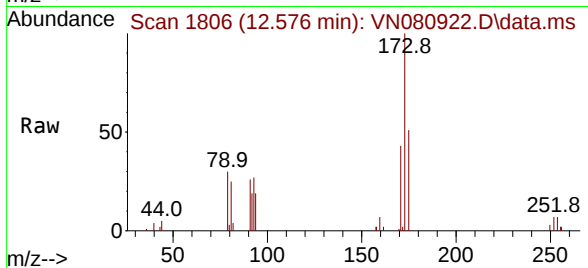
#71
Bromoform
Concen: 8.551 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 2938
Ion Ratio Lower Upper
173 100
175 49.1 23.1 69.2
254 0.0 0.0 0.0

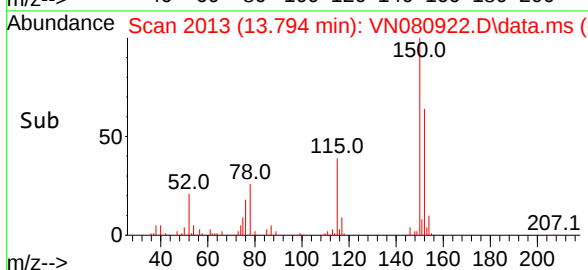
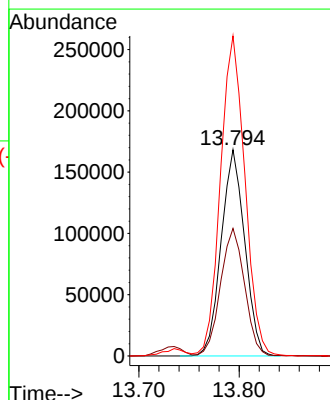
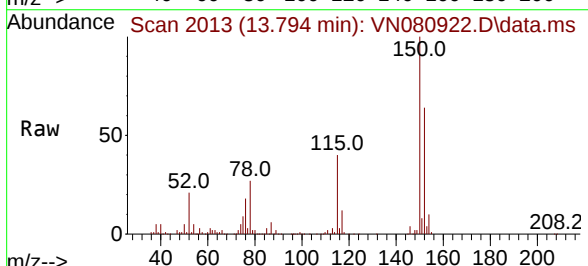
Manual Integrations
APPROVED

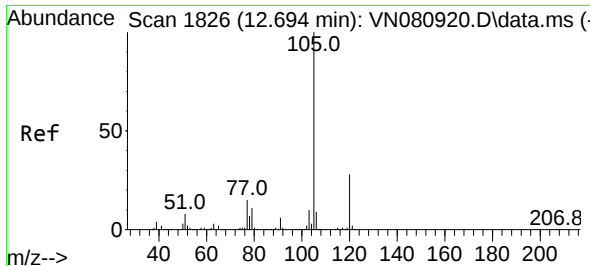
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

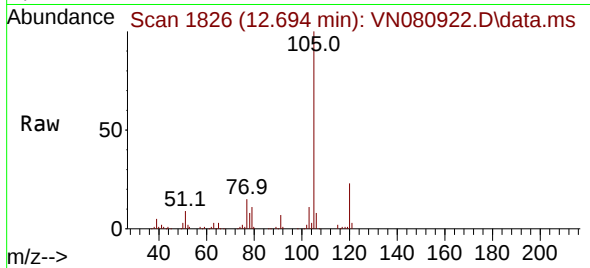
Tgt Ion:152 Resp: 273560
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 161.5 0.0 339.8





#73
Isopropylbenzene
Concen: 9.560 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

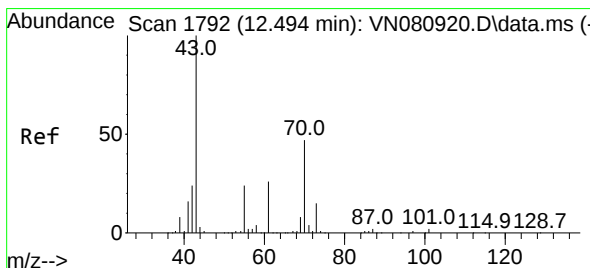
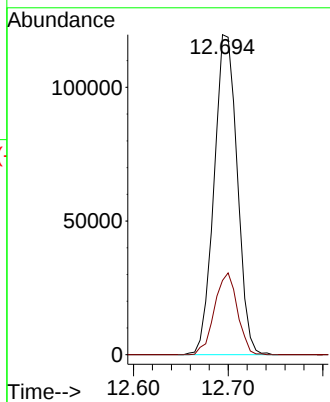
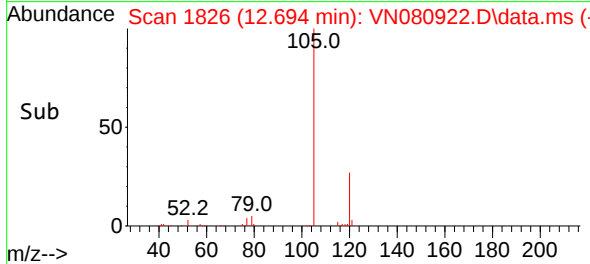
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:105 Resp: 20338
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.6

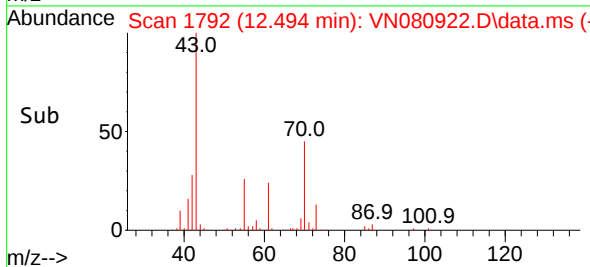
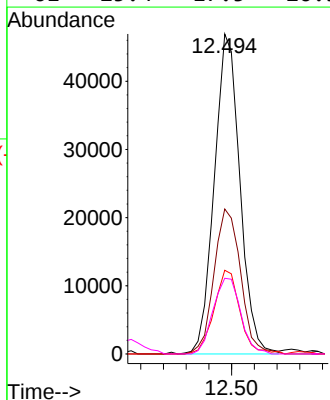
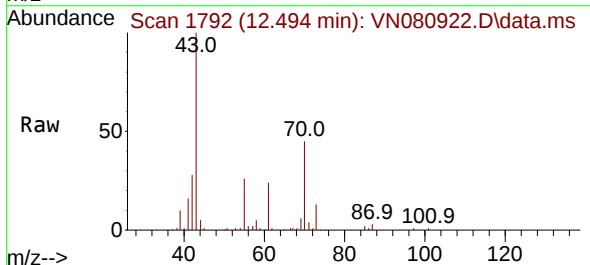
Manual Integrations
APPROVED

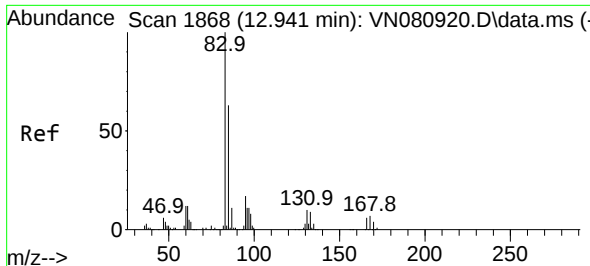
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#74
N-ethyl acetate
Concen: 9.597 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

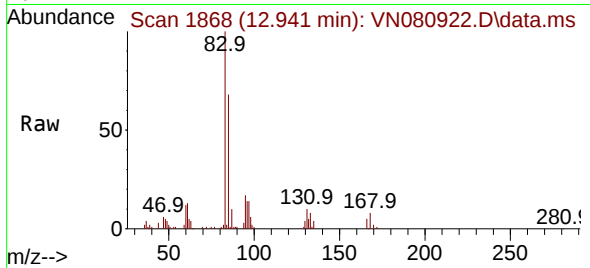
Tgt Ion: 43 Resp: 73595
Ion Ratio Lower Upper
43 100
70 47.1 30.1 45.1#
55 26.3 17.0 25.4#
61 25.4 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 10.118 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

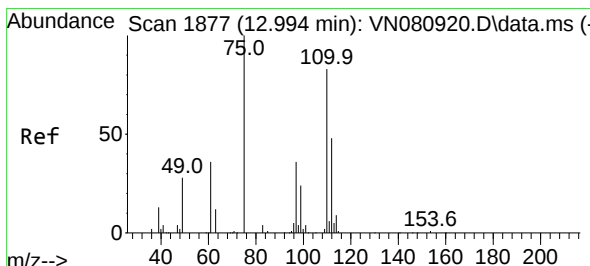
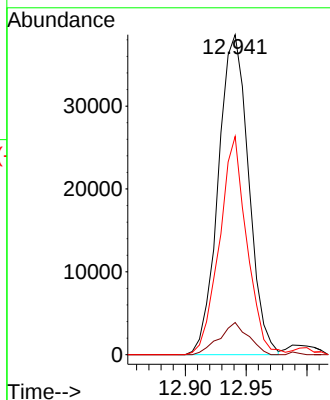
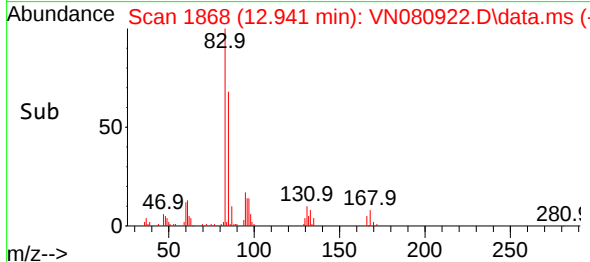
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 66960
Ion Ratio Lower Upper
83 100
131 9.7 4.1 12.3
85 61.7 32.1 96.3

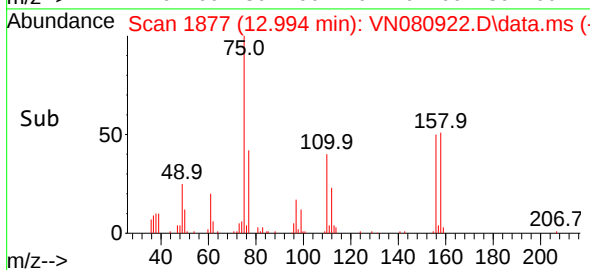
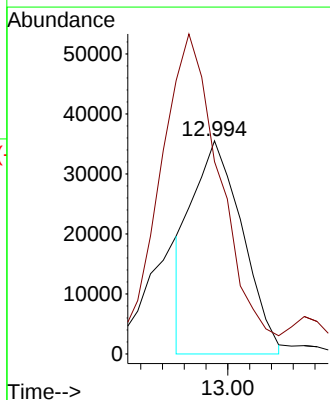
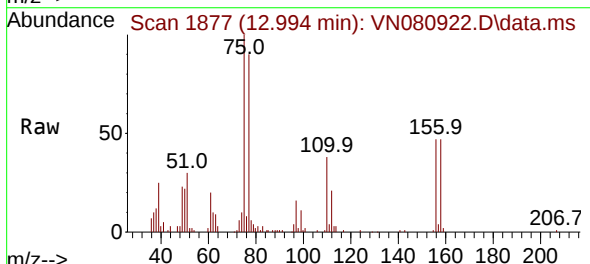
Manual Integrations
APPROVED

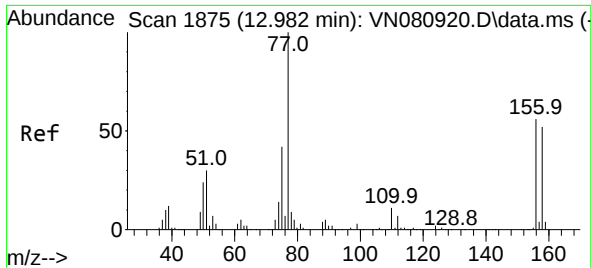
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#76
1,2,3-Trichloropropane
Concen: 9.826 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

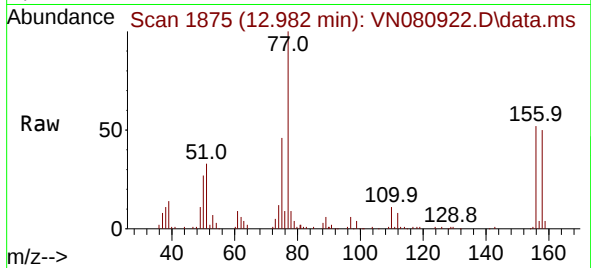
Tgt Ion: 75 Resp: 57176
Ion Ratio Lower Upper
75 100
77 183.7 91.0 272.8





#77
Bromobenzene
Concen: 8.939 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

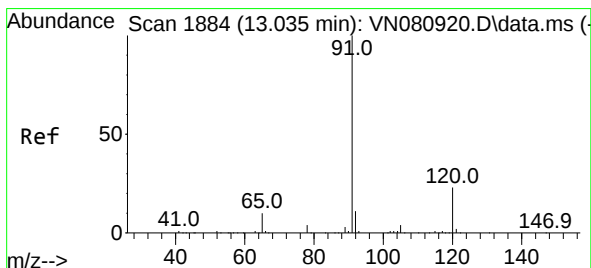
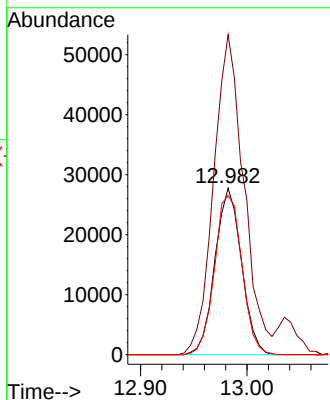
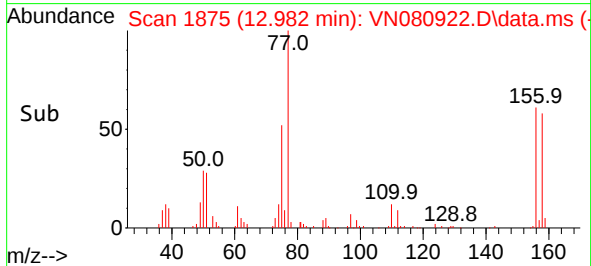
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:156 Resp: 47985
Ion Ratio Lower Upper
156 100
77 218.9 138.1 414.3
158 98.9 46.5 139.5

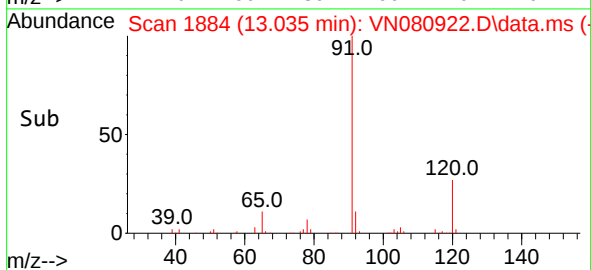
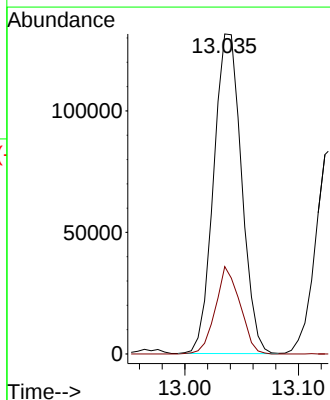
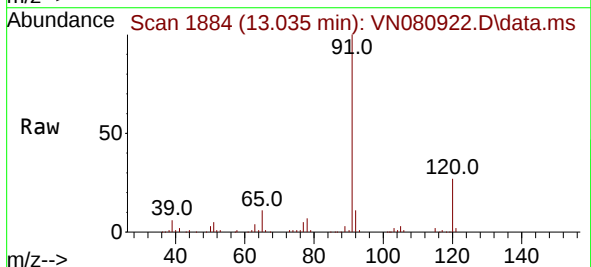
Manual Integrations
APPROVED

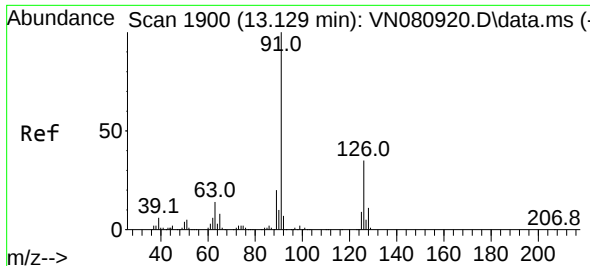
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#78
n-propylbenzene
Concen: 9.341 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion: 91 Resp: 224363
Ion Ratio Lower Upper
91 100
120 24.1 10.3 30.9





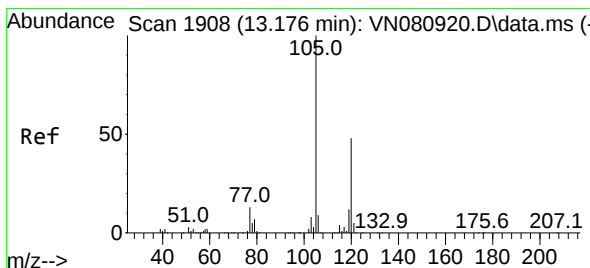
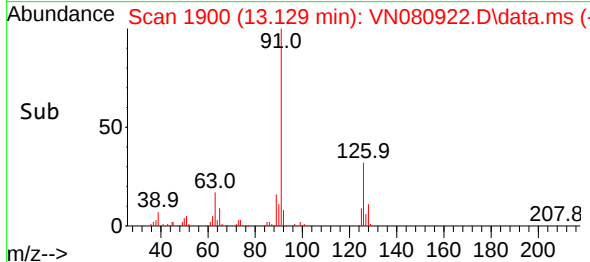
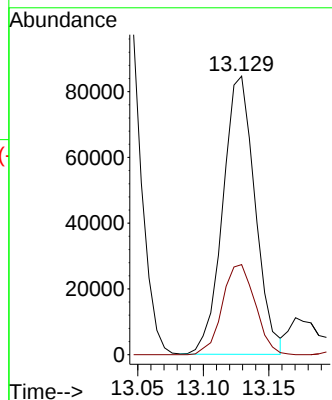
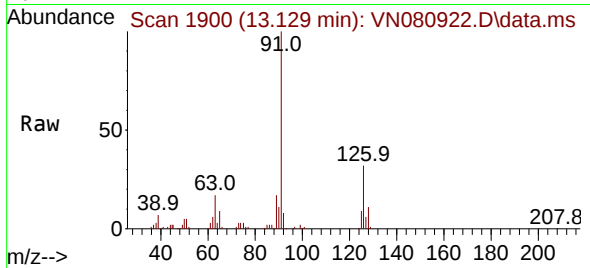
#79
2-Chlorotoluene
Concen: 9.549 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 14495
Ion Ratio Lower Upper
91 100
126 32.9 14.8 44.4

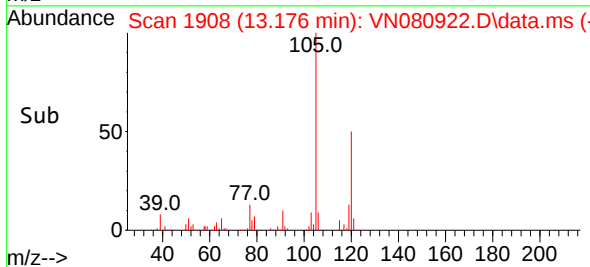
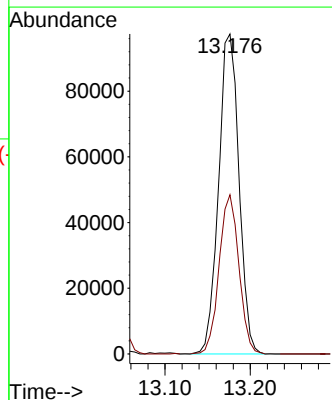
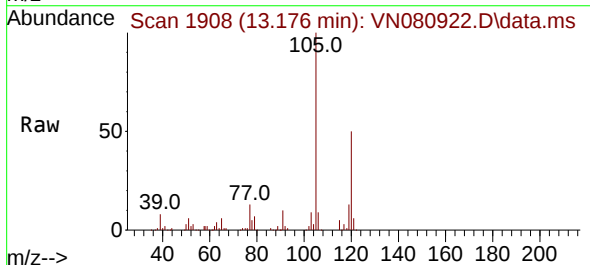
Manual Integrations
APPROVED

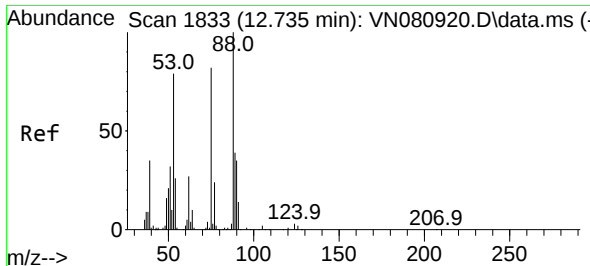
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#80
1,3,5-Trimethylbenzene
Concen: 9.371 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

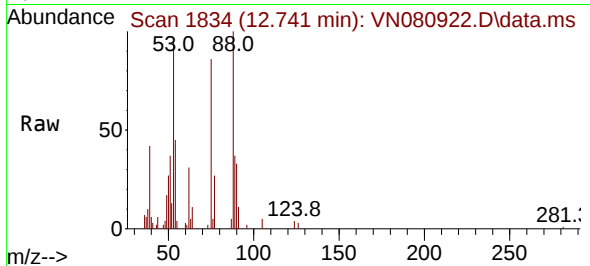
Tgt Ion:105 Resp: 162046
Ion Ratio Lower Upper
105 100
120 48.3 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 9.083 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

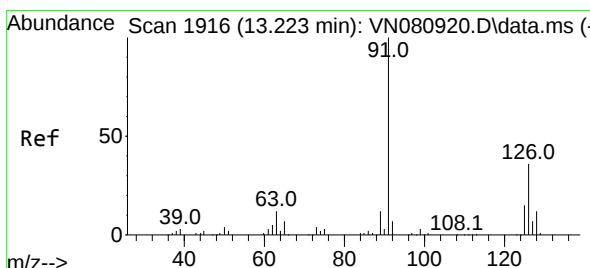
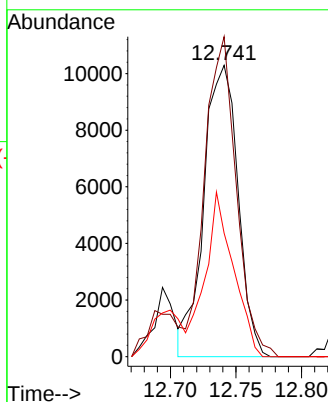
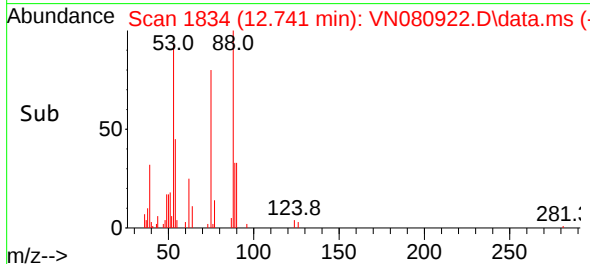
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 18648
Ion Ratio Lower Upper
75 100
53 100.5 71.4 107.2
89 46.6 33.4 50.0

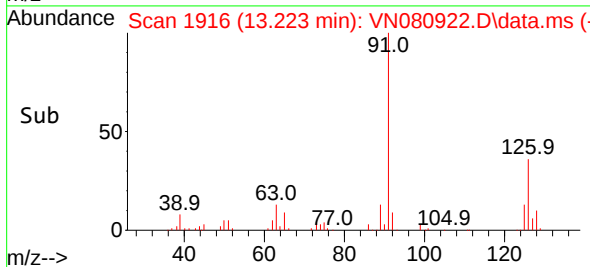
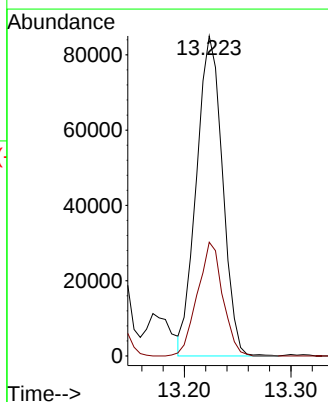
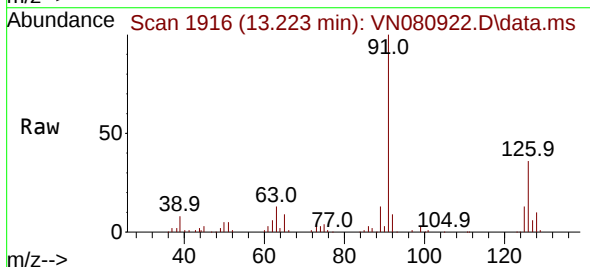
Manual Integrations
APPROVED

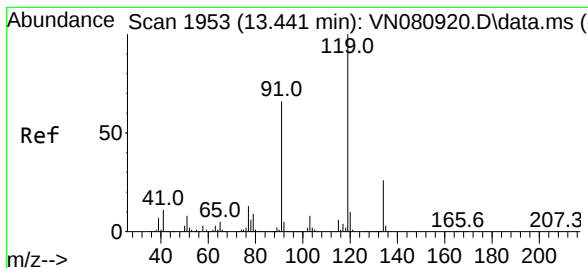
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#82
4-Chlorotoluene
Concen: 9.568 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

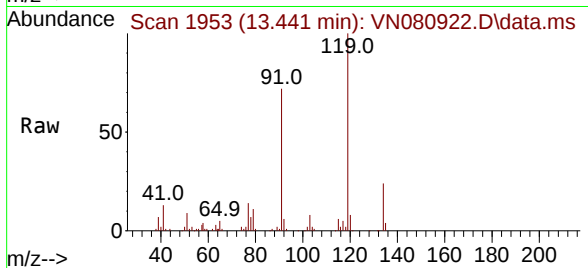
Tgt Ion: 91 Resp: 144902
Ion Ratio Lower Upper
91 100
126 34.5 15.3 45.9





#83
tert-Butylbenzene
Concen: 9.312 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

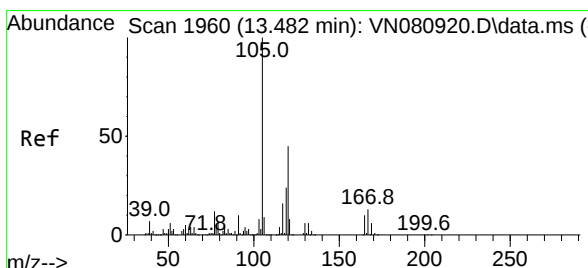
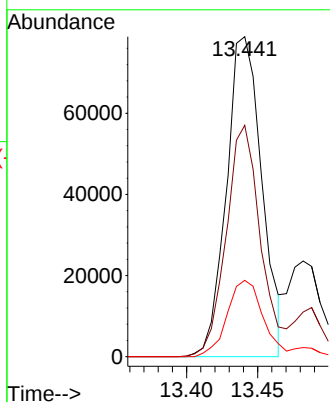
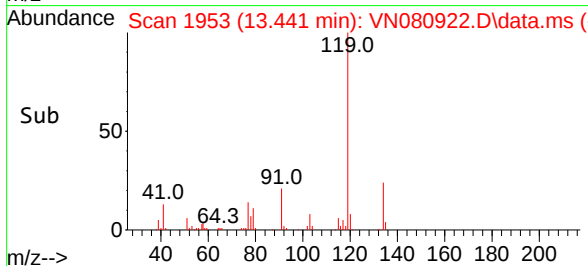
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



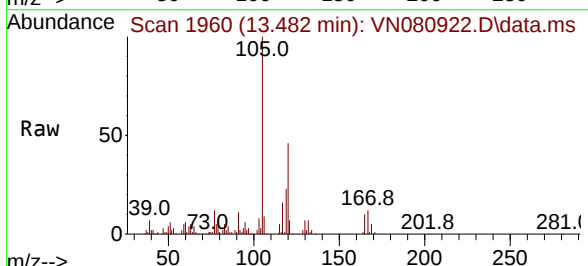
Tgt Ion:119 Resp: 137262
Ion Ratio Lower Upper
119 100
91 70.4 36.8 110.4
134 24.5 12.4 37.4

Manual Integrations
APPROVED

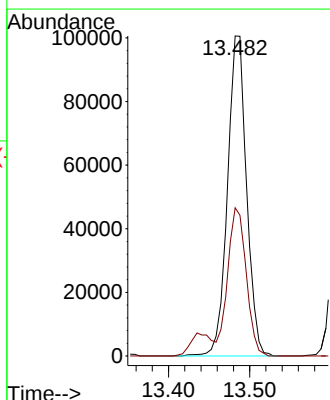
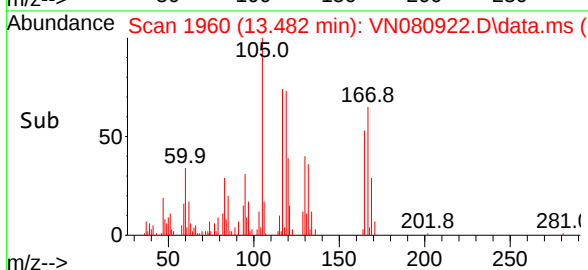
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

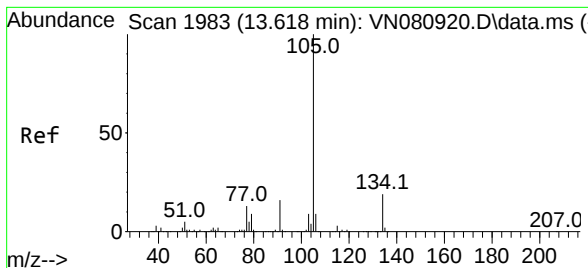


#84
1,2,4-Trimethylbenzene
Concen: 9.525 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57



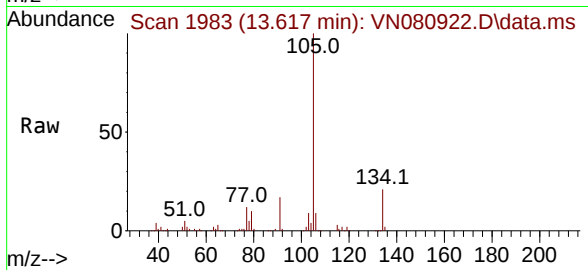
Tgt Ion:105 Resp: 164058
Ion Ratio Lower Upper
105 100
120 45.0 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 9.737 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080922.D
 Acq: 06 Feb 2024 16:57

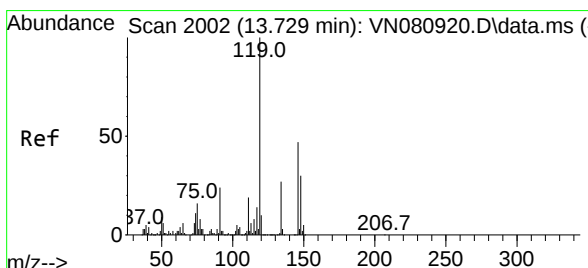
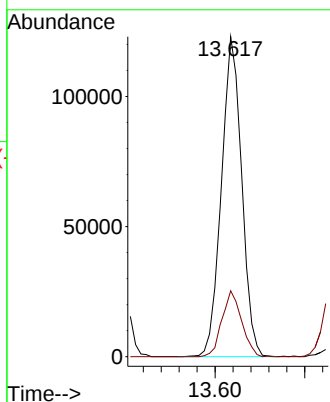
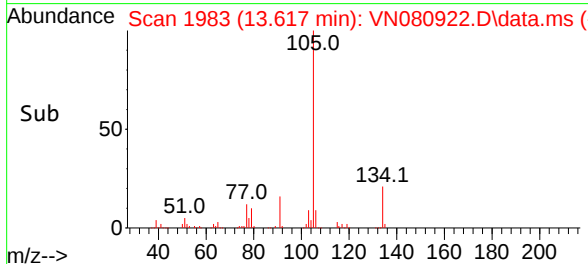
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



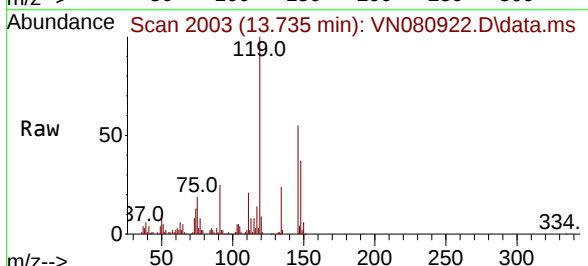
Tgt Ion:105 Resp: 192869
 Ion Ratio Lower Upper
 105 100
 134 19.9 8.6 25.8

Manual Integrations
 APPROVED

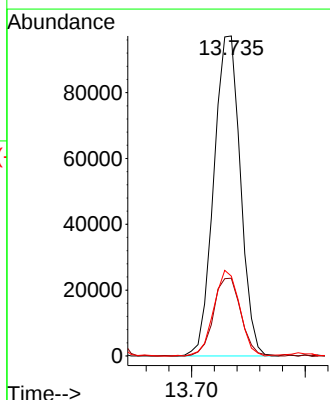
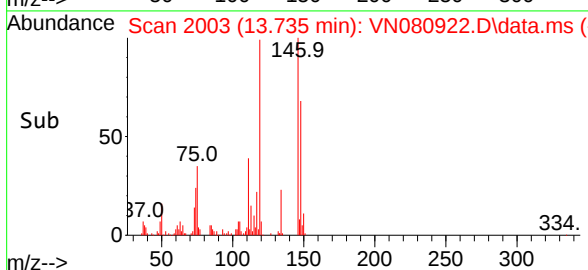
Reviewed By :John Carlone 02/07/2024
 Supervised By :Mahesh Dadoda 02/07/2024

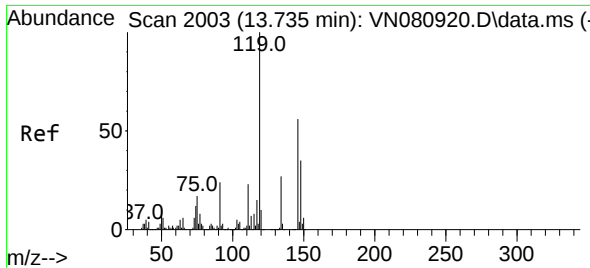


#86
 p-Isopropyltoluene
 Concen: 9.449 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080922.D
 Acq: 06 Feb 2024 16:57



Tgt Ion:119 Resp: 158167
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.4 37.2
 91 26.0 13.5 40.4





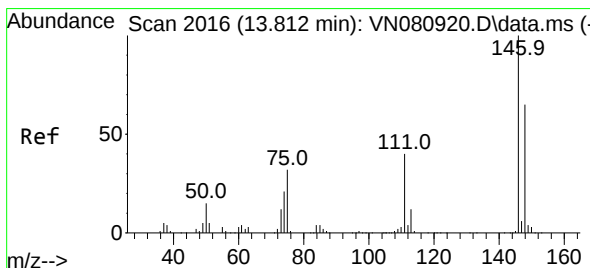
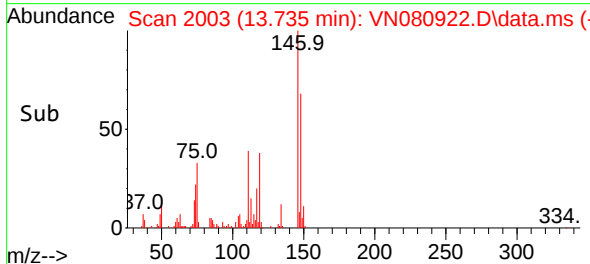
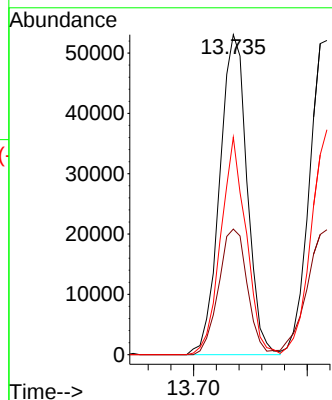
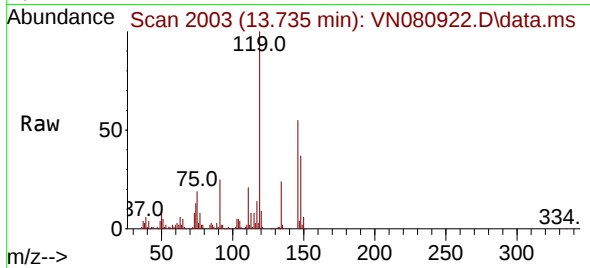
#87
1,3-Dichlorobenzene
Concen: 9.293 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 8884
Ion Ratio Lower Upper
146 100
111 41.1 23.9 71.7
148 63.0 32.6 97.7

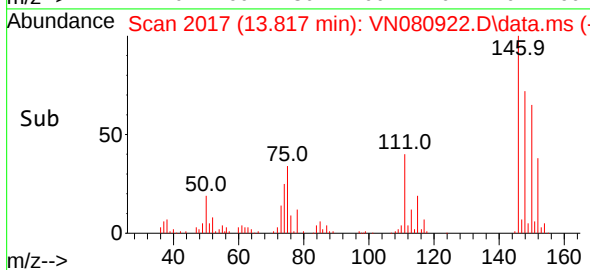
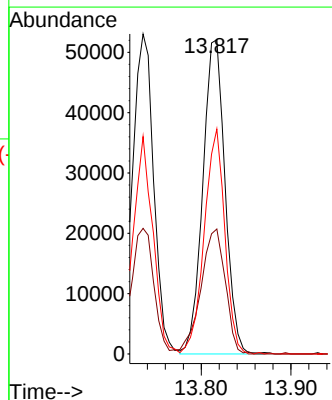
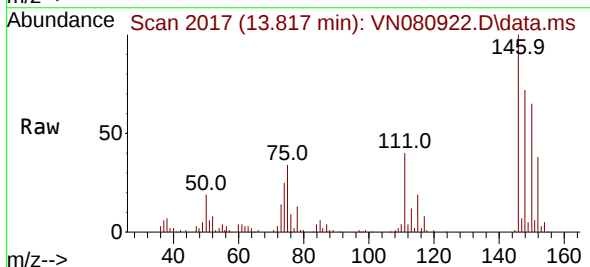
Manual Integrations
APPROVED

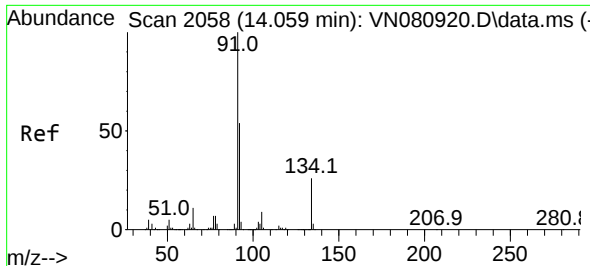
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#88
1,4-Dichlorobenzene
Concen: 9.235 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

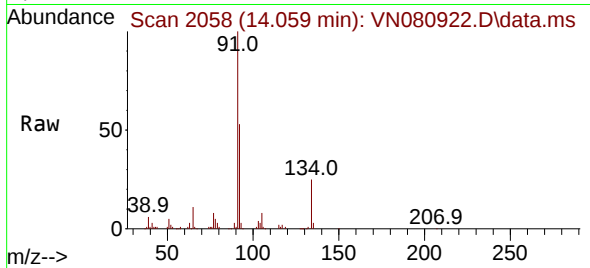
Tgt Ion:146 Resp: 89593
Ion Ratio Lower Upper
146 100
111 43.8 22.6 67.7
148 66.3 31.9 95.5





#89
n-Butylbenzene
Concen: 8.978 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

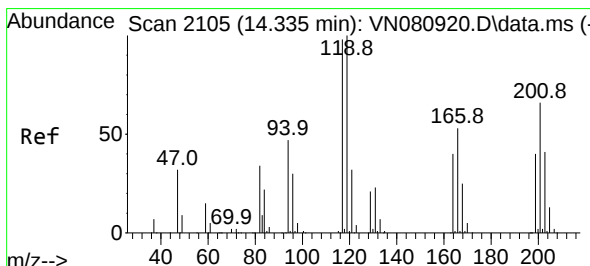
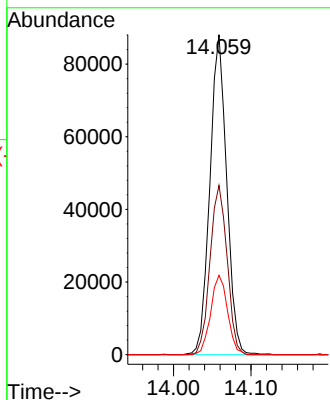
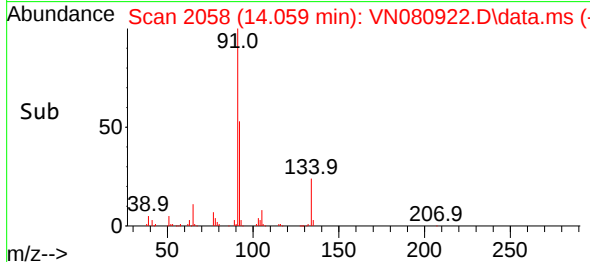
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 132752
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.1
134 24.9 10.8 32.4

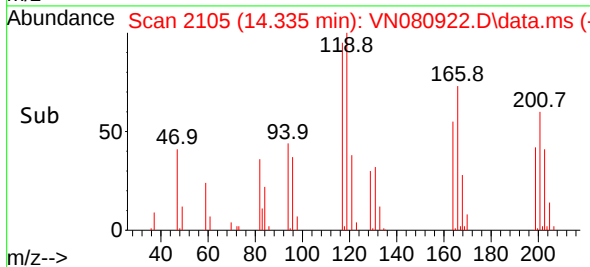
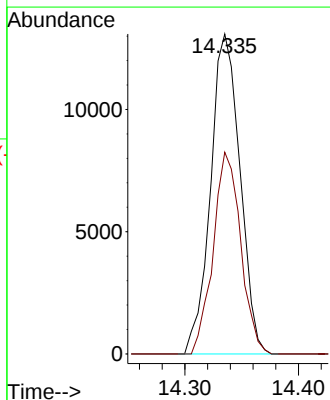
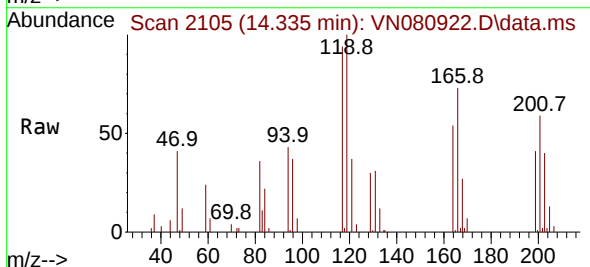
Manual Integrations
APPROVED

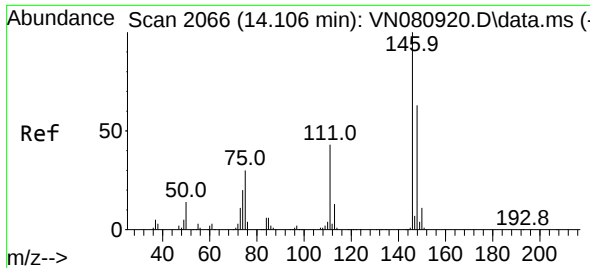
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#90
Hexachloroethane
Concen: 8.924 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion:117 Resp: 23555
Ion Ratio Lower Upper
117 100
201 58.9 30.0 90.0





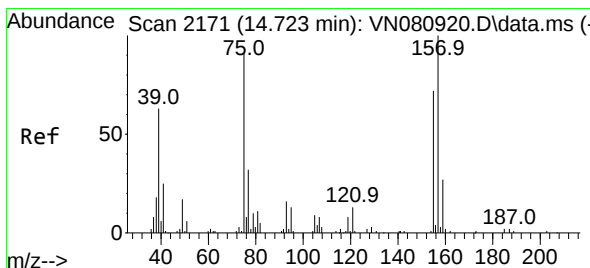
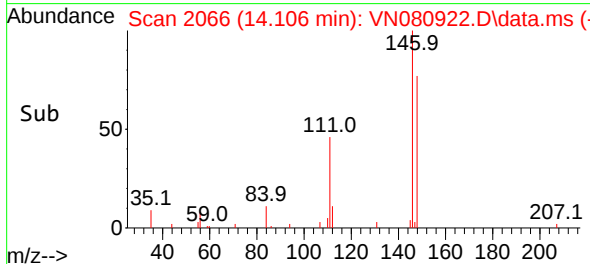
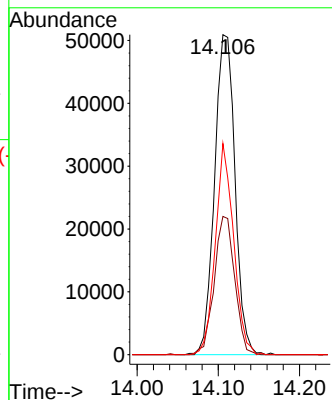
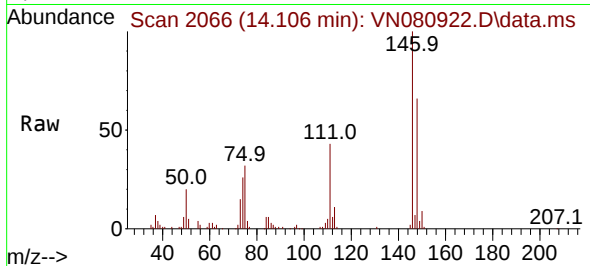
#91
1,2-Dichlorobenzene
Concen: 9.749 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 89289
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.8
148 59.1 31.4 94.0

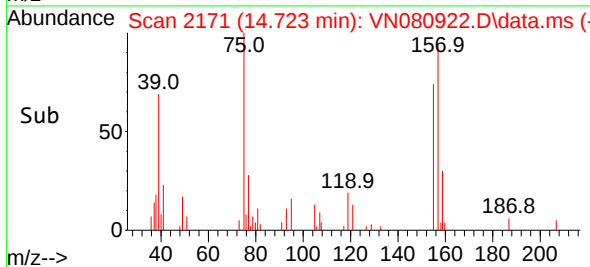
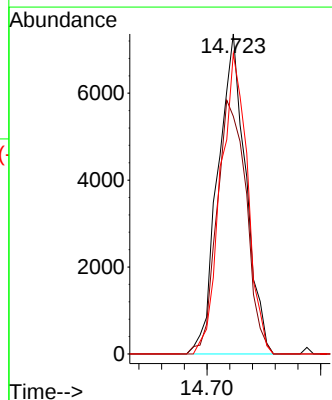
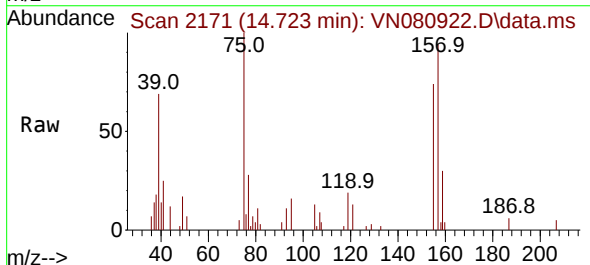
Manual Integrations
APPROVED

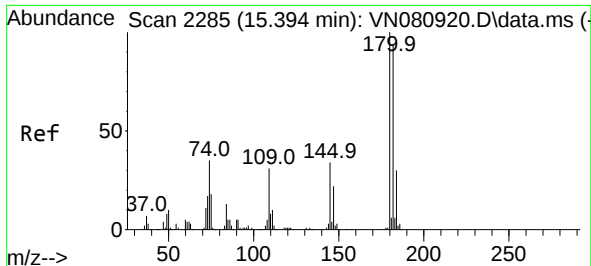
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.099 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Tgt Ion: 75 Resp: 12502
Ion Ratio Lower Upper
75 100
155 83.7 31.8 95.4
157 90.7 41.1 123.4





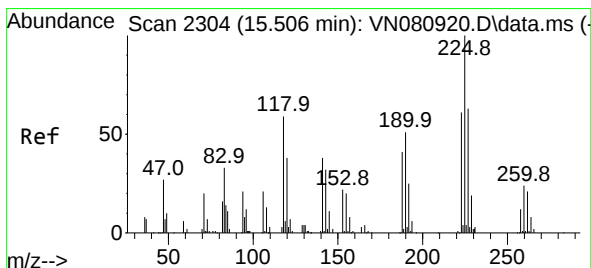
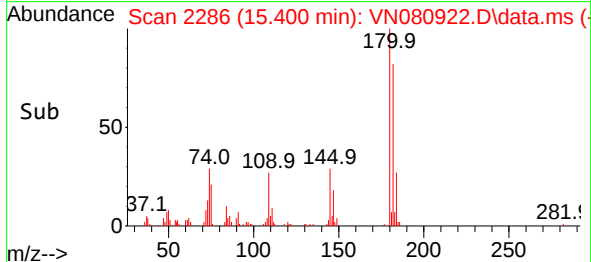
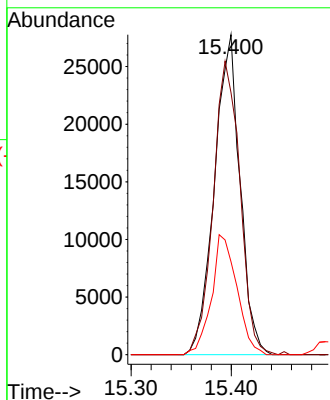
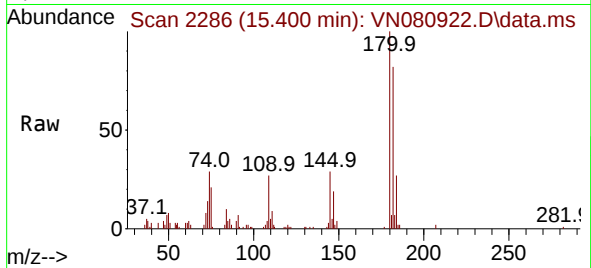
#93
1,2,4-Trichlorobenzene
Concen: 10.858 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:180 Resp: 49194
Ion Ratio Lower Upper
180 100
182 95.9 46.6 139.7
145 37.2 16.8 50.3

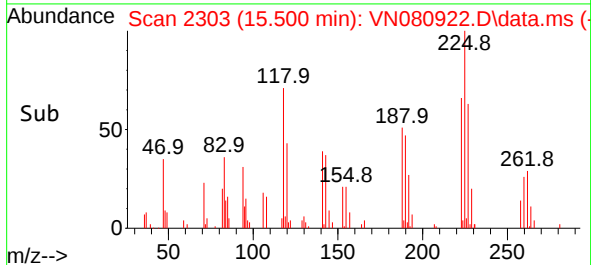
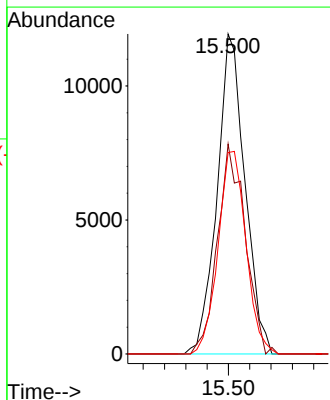
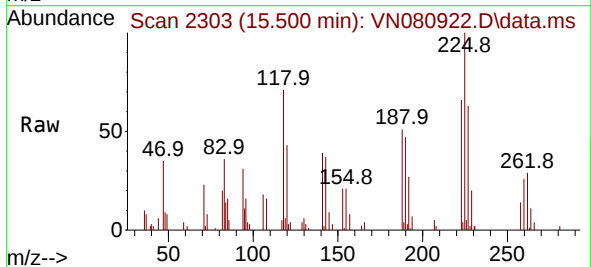
Manual Integrations
APPROVED

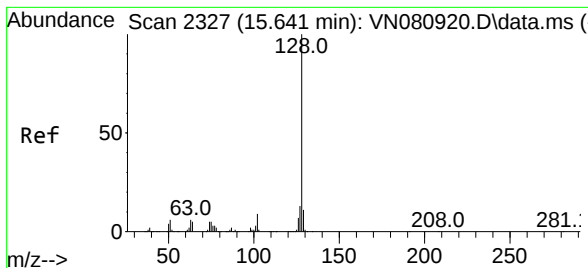
Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#94
Hexachlorobutadiene
Concen: 11.009 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

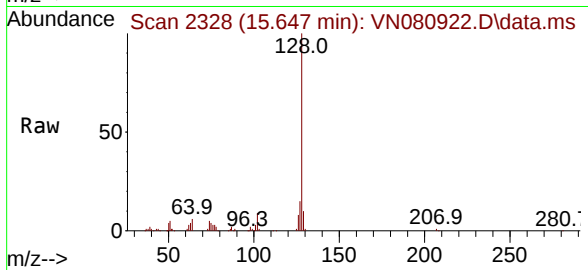
Tgt Ion:225 Resp: 21625
Ion Ratio Lower Upper
225 100
223 65.5 33.3 99.8
227 63.6 33.1 99.2





#95
Naphthalene
Concen: 11.440 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57

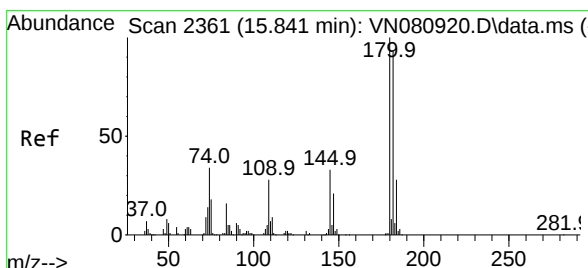
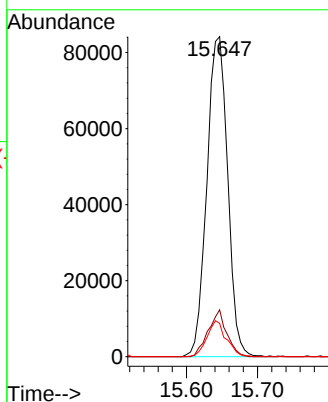
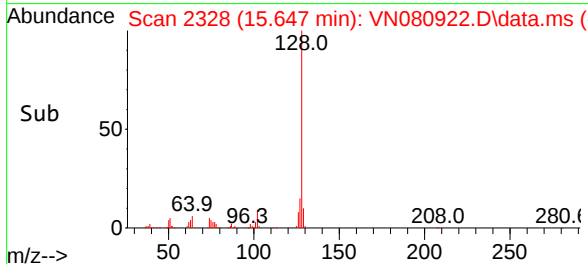
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



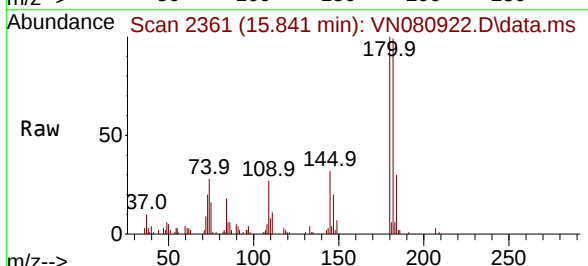
Tgt Ion:128 Resp: 17114
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024



#96
1,2,3-Trichlorobenzene
Concen: 11.451 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080922.D
Acq: 06 Feb 2024 16:57



Tgt Ion:180 Resp: 51067
Ion Ratio Lower Upper
180 100
182 97.1 46.5 139.3
145 35.1 17.8 53.4

