

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081187.D
 Acq On : 26 Feb 2024 11:54
 Operator : JC\MD
 Sample : VN0226WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Mahesh Dadoda 02/27/2024

Quant Time: Feb 27 00:04:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	311659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	575393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	504001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182755	47.841	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.680%		
35) Dibromofluoromethane	8.165	113	156071	47.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.940%		
50) Toluene-d8	10.565	98	524420	45.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.760%		
62) 4-Bromofluorobenzene	12.853	95	200777	46.238	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79454	19.713	ug/l	91
3) Chloromethane	2.365	50	77465	16.833	ug/l	99
4) Vinyl Chloride	2.518	62	83427	18.635	ug/l #	89
5) Bromomethane	2.971	94	57075	17.949	ug/l	97
6) Chloroethane	3.124	64	55354	18.569	ug/l	99
7) Trichlorofluoromethane	3.506	101	128864	19.703	ug/l	100
8) Diethyl Ether	3.965	74	47203	19.740	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	74120	20.329	ug/l	94
10) Methyl Iodide	4.589	142	65443	16.080	ug/l	91
11) Tert butyl alcohol	5.512	59	61110	86.986	ug/l #	89
12) 1,1-Dichloroethene	4.347	96	69188	19.631	ug/l	85
13) Acrolein	4.177	56	39284	104.329	ug/l	95
14) Allyl chloride	5.024	41	99840	19.092	ug/l #	90
15) Acrylonitrile	5.718	53	177532	96.760	ug/l	97
16) Acetone	4.424	43	120363	80.076	ug/l	97
17) Carbon Disulfide	4.712	76	170467	17.341	ug/l #	95
18) Methyl Acetate	5.024	43	83174	22.683	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	243892	20.204	ug/l	99
20) Methylene Chloride	5.277	84	79567	19.902	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	73236	18.625	ug/l	92
22) Diisopropyl ether	6.671	45	246122	20.748	ug/l #	87
23) Vinyl Acetate	6.606	43	920541	95.644	ug/l #	94
24) 1,1-Dichloroethane	6.577	63	141282	20.598	ug/l	98
25) 2-Butanone	7.482	43	219105	90.229	ug/l #	88
26) 2,2-Dichloropropane	7.488	77	125921	19.593	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	88485	19.368	ug/l	90
28) Bromochloromethane	7.812	49	62879	22.112	ug/l #	72
29) Tetrahydrofuran	7.835	42	146903	90.624	ug/l #	86
30) Chloroform	7.971	83	151390	20.762	ug/l	100
31) Cyclohexane	8.259	56	125615	19.044	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	133043	20.034	ug/l	89
36) 1,1-Dichloropropene	8.377	75	107559	19.296	ug/l	96
37) Ethyl Acetate	7.559	43	94526	18.789	ug/l	98
38) Carbon Tetrachloride	8.365	117	114641	20.328	ug/l	95
39) Methylcyclohexane	9.600	83	123414	18.993	ug/l	92
40) Benzene	8.606	78	324666	20.122	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	53549	18.703	ug/l	94
42) 1,2-Dichloroethane	8.671	62	113625	20.185	ug/l	96
43) Isopropyl Acetate	8.688	43	179508	20.402	ug/l	96
44) Trichloroethene	9.347	130	85652	19.931	ug/l	88
45) 1,2-Dichloropropane	9.624	63	81663	20.234	ug/l	98
46) Dibromomethane	9.706	93	57600	19.587	ug/l	91
47) Bromodichloromethane	9.888	83	114532	20.564	ug/l #	93
48) Methyl methacrylate	9.682	41	81521	19.912	ug/l	95
49) 1,4-Dioxane	9.694	88	28733	355.659	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	490703	96.951	ug/l	95
52) Toluene	10.629	92	200910	19.669	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	126167	20.385	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	133064	19.899	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	82136	20.907	ug/l	93
56) Ethyl methacrylate	10.876	69	114258	19.030	ug/l	89
57) 1,3-Dichloropropane	11.165	76	138380	20.371	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	279511	92.781	ug/l #	87
59) 2-Hexanone	11.194	43	352327	87.804	ug/l	94
60) Dibromochloromethane	11.359	129	82839	19.849	ug/l	96
61) 1,2-Dibromoethane	11.470	107	80438	19.471	ug/l	99
64) Tetrachloroethene	11.106	164	78851	22.923	ug/l	97
65) Chlorobenzene	11.894	112	213786	19.599	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	78630	20.069	ug/l	97
67) Ethyl Benzene	11.965	91	387936	19.875	ug/l	99
68) m/p-Xylenes	12.070	106	296153	39.584	ug/l	96
69) o-Xylene	12.400	106	146368	19.736	ug/l	94
70) Styrene	12.412	104	230452	19.610	ug/l	97
71) Bromoform	12.582	173	48755	19.614	ug/l #	93
73) Isopropylbenzene	12.700	105	377183	19.463	ug/l	98
74) N-amyl acetate	12.494	43	147446	18.002	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	103197	18.937	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	94376m	18.753	ug/l	
77) Bromobenzene	12.988	156	83302	19.278	ug/l	74
78) n-propylbenzene	13.035	91	440885	19.762	ug/l	95
79) 2-Chlorotoluene	13.123	91	263005	19.220	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	318333	20.259	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	34308	17.547	ug/l	95
82) 4-Chlorotoluene	13.223	91	257016	19.209	ug/l	93
83) tert-Butylbenzene	13.441	119	268190	19.739	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	307522	19.640	ug/l	92
85) sec-Butylbenzene	13.617	105	387194	20.499	ug/l	95
86) p-Isopropyltoluene	13.729	119	320276	20.414	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	159114	19.488	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	156083	19.455	ug/l	97
89) n-Butylbenzene	14.059	91	278323	20.363	ug/l	96
90) Hexachloroethane	14.335	117	51534	19.872	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	152820	19.407	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20960	18.500	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	83600	19.029	ug/l	99
94) Hexachlorobutadiene	15.500	225	31967	19.511	ug/l	98
95) Naphthalene	15.641	128	292398	18.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	83352	19.125	ug/l	98

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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

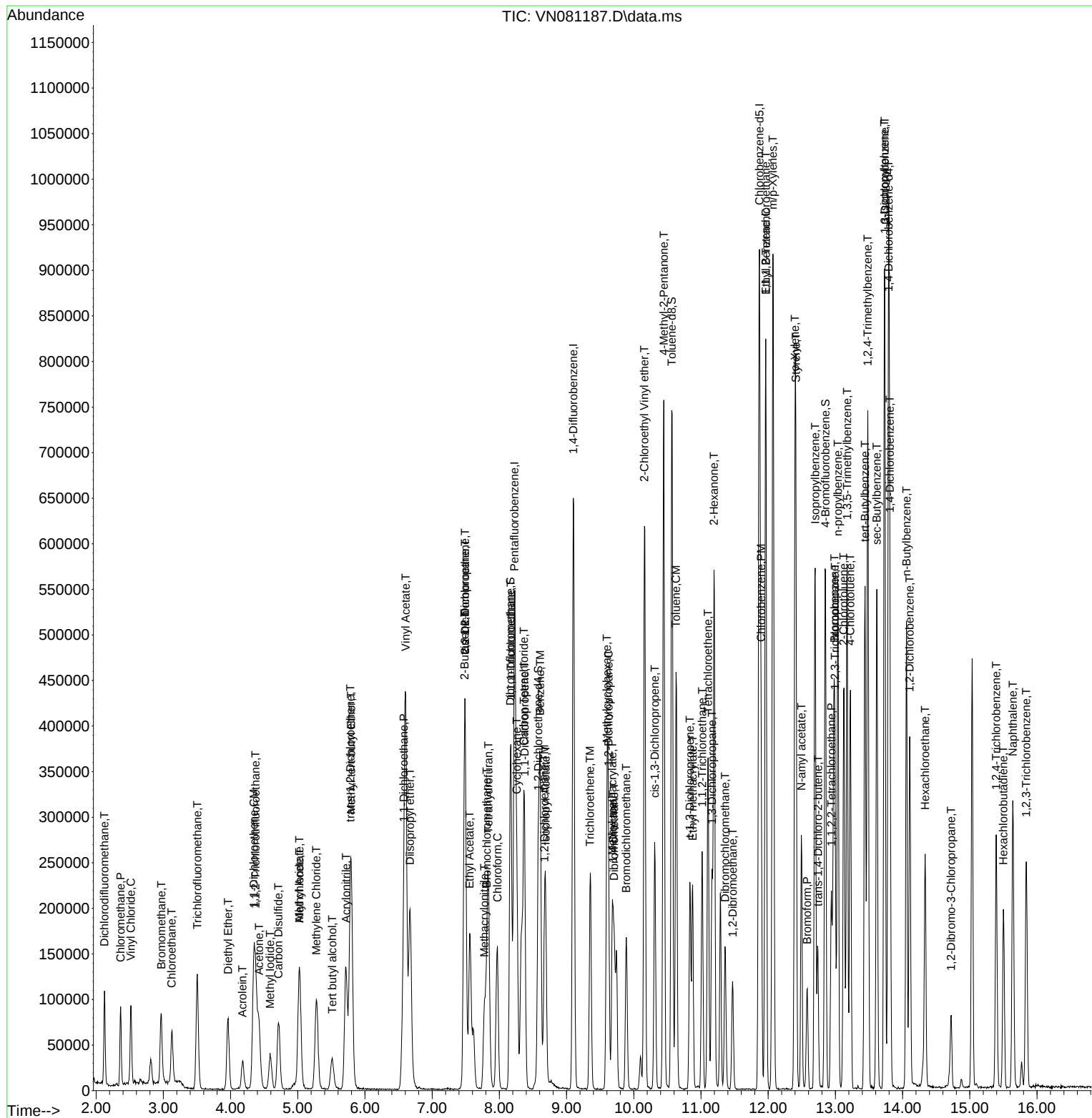
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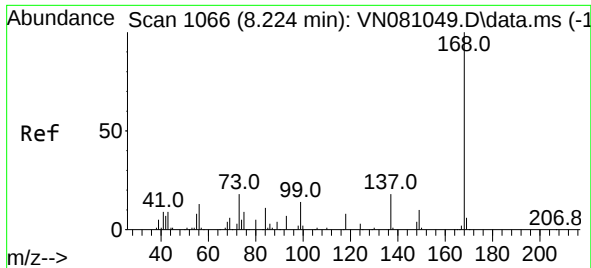
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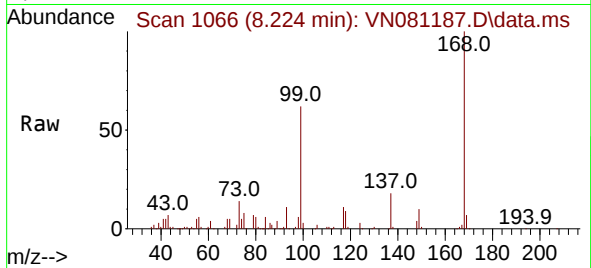
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081187.D
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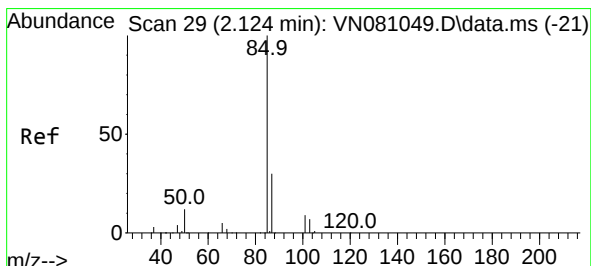
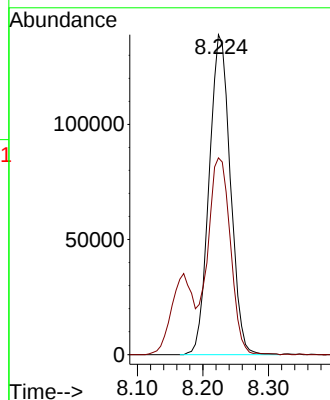
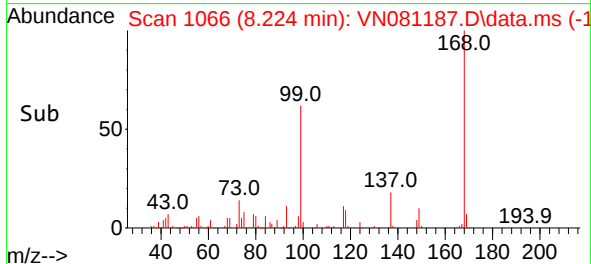
Instrument :
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Tgt Ion:168 Resp: 311659
Ion Ratio Lower Upper
168 100
99 61.5 59.9 89.9

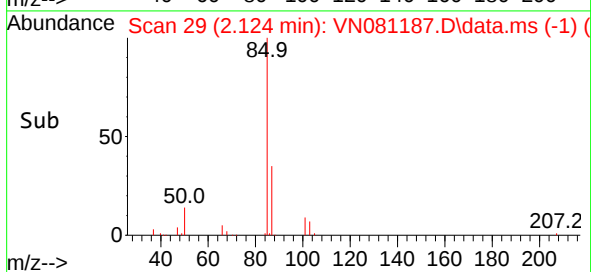
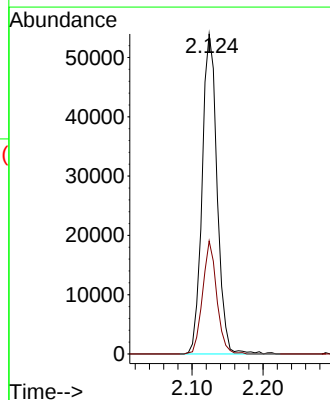
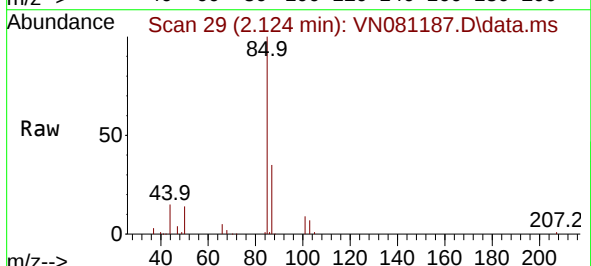
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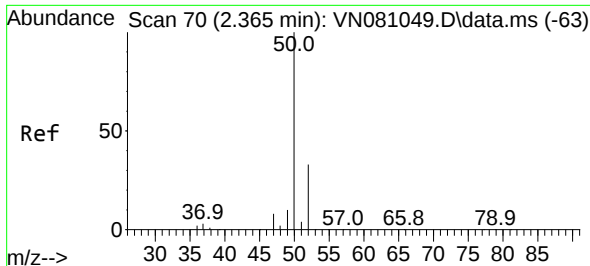
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#2
Dichlorodifluoromethane
Concen: 19.713 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

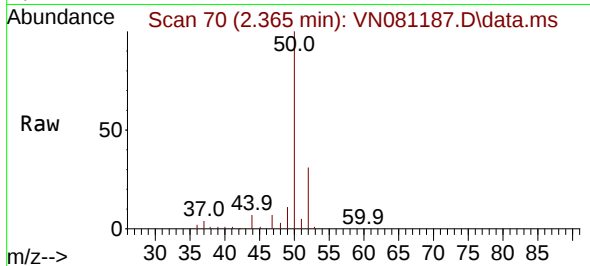
Tgt Ion: 85 Resp: 79454
Ion Ratio Lower Upper
85 100
87 35.3 15.3 45.9





#3
Chloromethane
Concen: 16.833 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

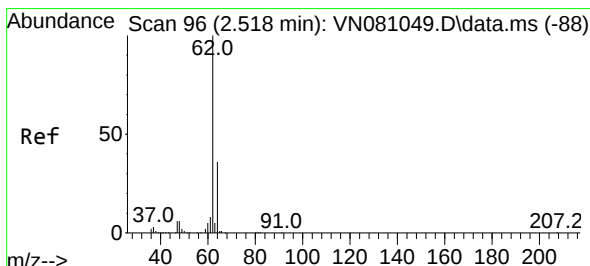
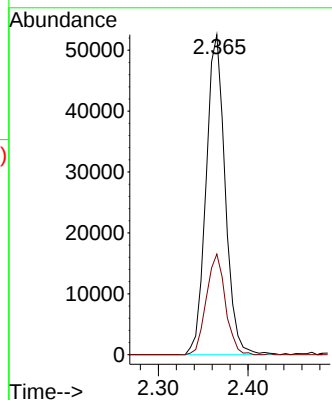
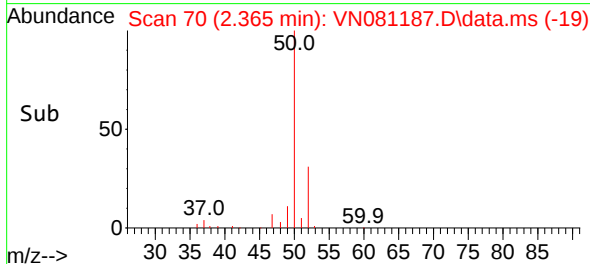
Instrument :
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Tgt Ion: 50 Resp: 7746
Ion Ratio Lower Upper
50 100
52 31.5 25.0 37.4

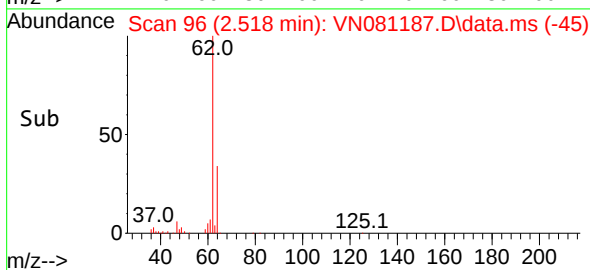
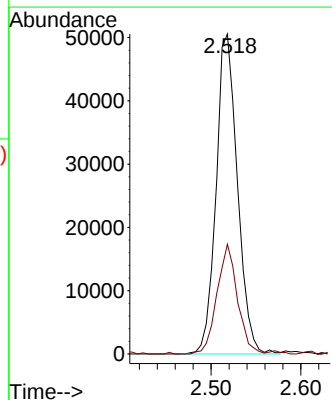
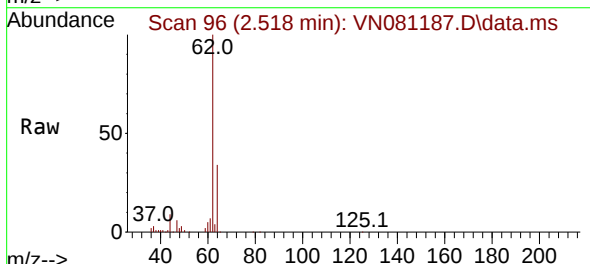
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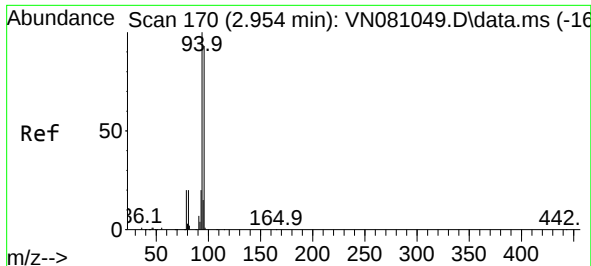
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#4
Vinyl Chloride
Concen: 18.635 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

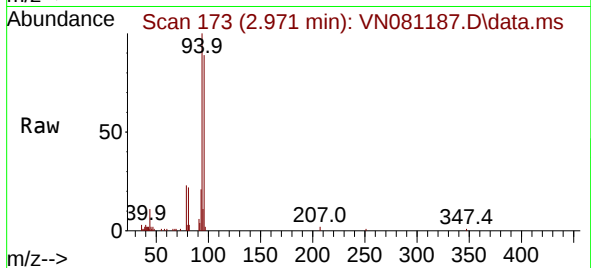
Tgt Ion: 62 Resp: 83427
Ion Ratio Lower Upper
62 100
64 34.3 22.7 34.1#





#5
Bromomethane
Concen: 17.949 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN081187.D
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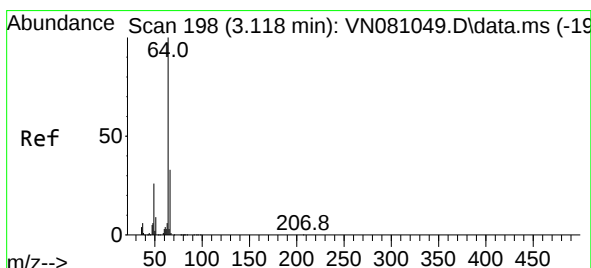
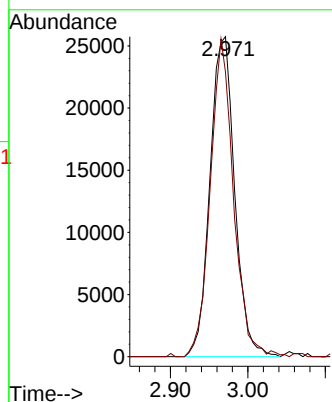
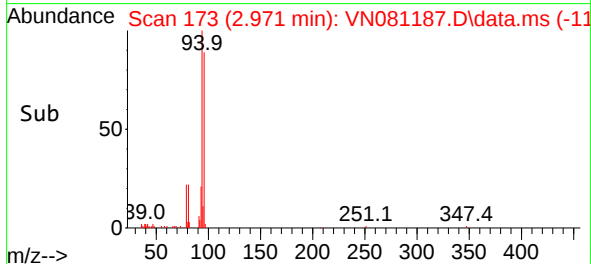
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Tgt Ion: 94 Resp: 5707
Ion Ratio Lower Upper
94 100
96 88.9 69.2 103.8

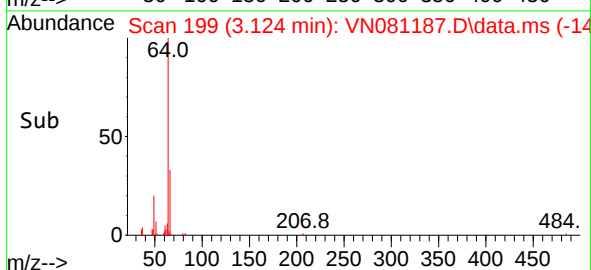
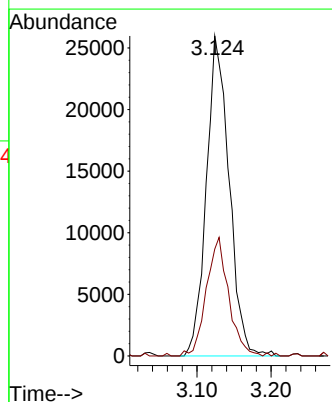
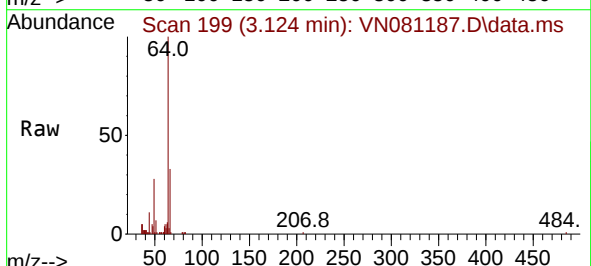
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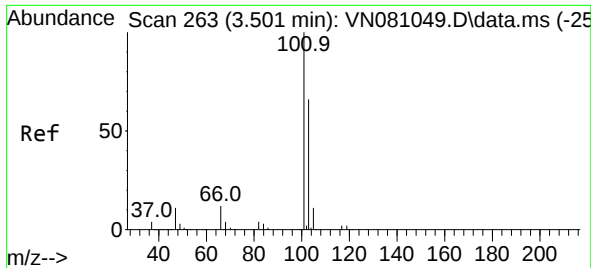
Reviewed By :John Carlone 02/27/2024
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#6
Chloroethane
Concen: 18.569 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

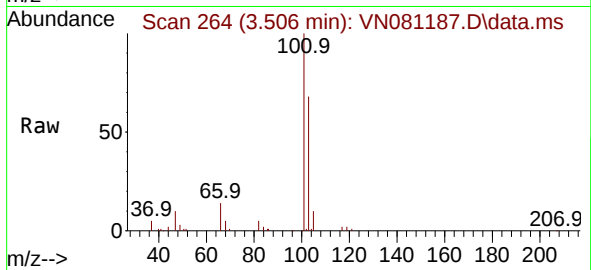
Tgt Ion: 64 Resp: 55354
Ion Ratio Lower Upper
64 100
66 33.4 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.703 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN081187.D
 Acq: 26 Feb 2024 11:54

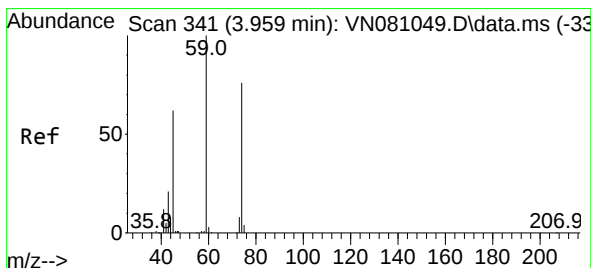
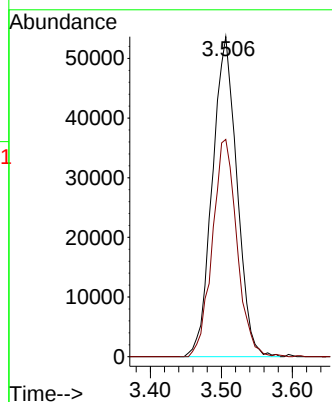
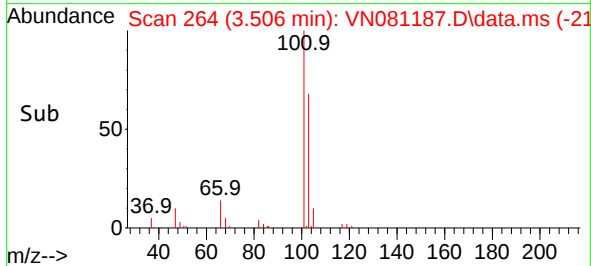
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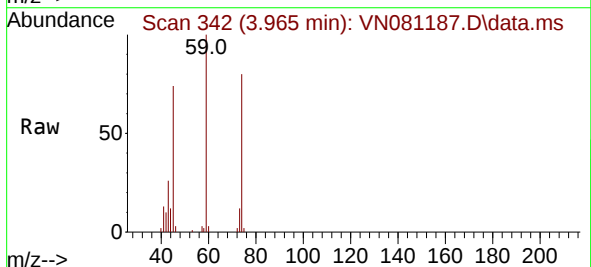
Tgt Ion:101 Resp: 128864
 Ion Ratio Lower Upper
 101 100
 103 67.9 54.4 81.6

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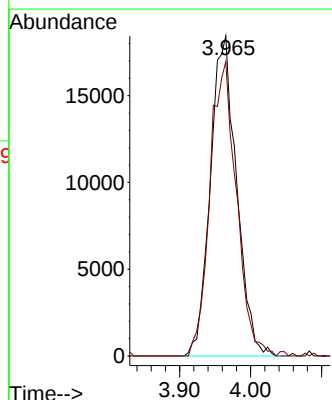
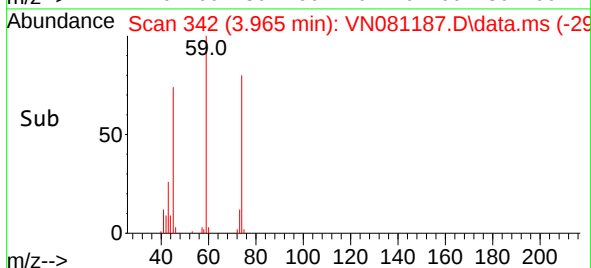
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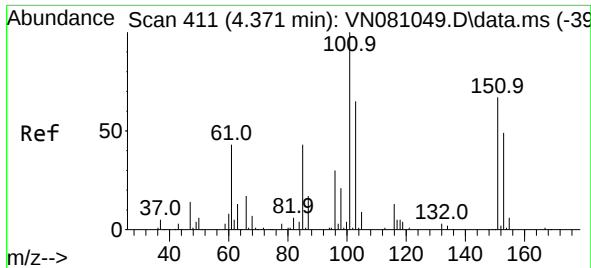


#8
 Diethyl Ether
 Concen: 19.740 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN081187.D
 Acq: 26 Feb 2024 11:54



Tgt Ion: 74 Resp: 47203
 Ion Ratio Lower Upper
 74 100
 45 93.4 53.3 159.9





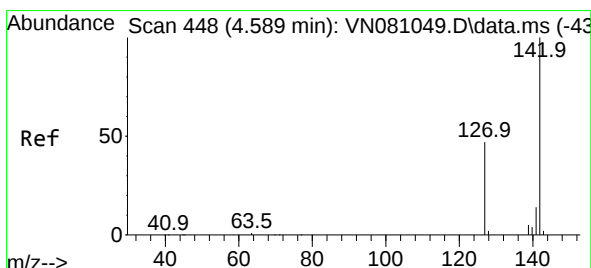
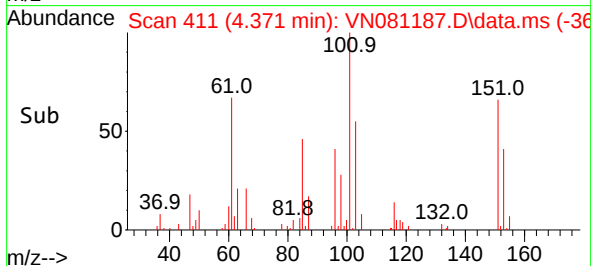
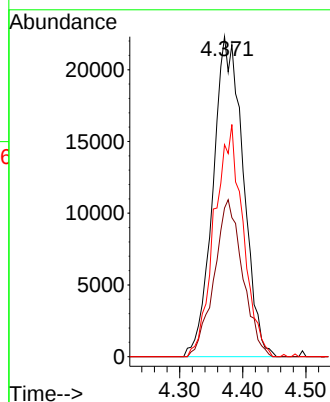
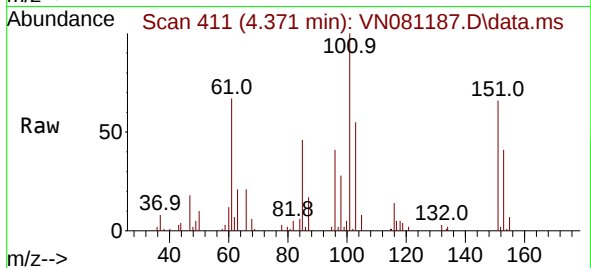
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.329 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01

Tgt Ion:101 Resp: 74120
Ion Ratio Lower Upper
101 100
85 46.2 38.1 57.1
151 68.6 49.1 73.7

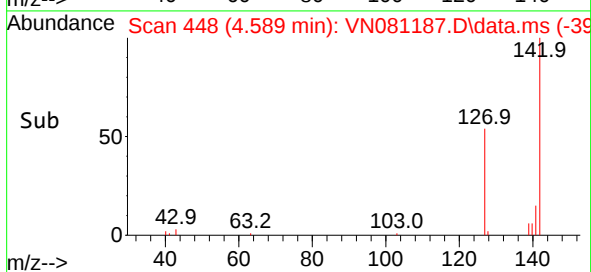
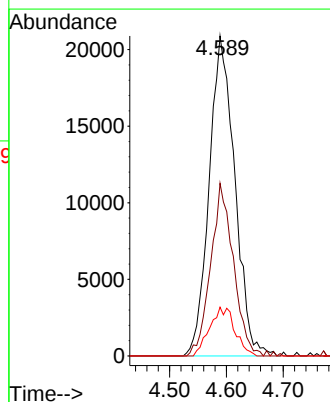
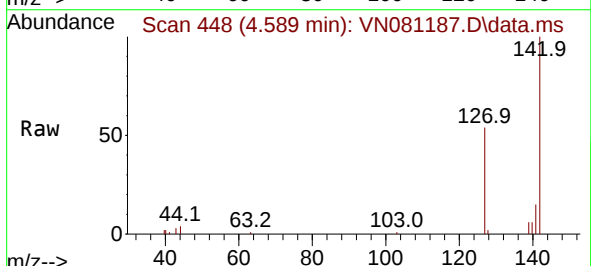
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#10
Methyl Iodide
Concen: 16.080 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

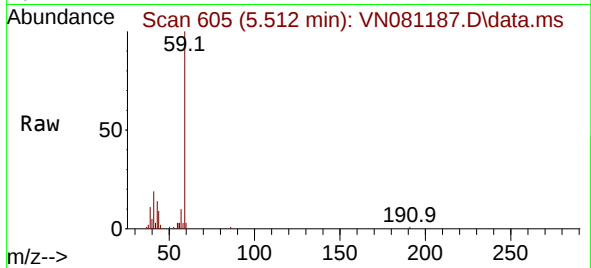
Tgt Ion:142 Resp: 65443
Ion Ratio Lower Upper
142 100
127 53.9 37.0 55.4
141 15.3 12.5 18.7





#11
Tert butyl alcohol
Concen: 86.986 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

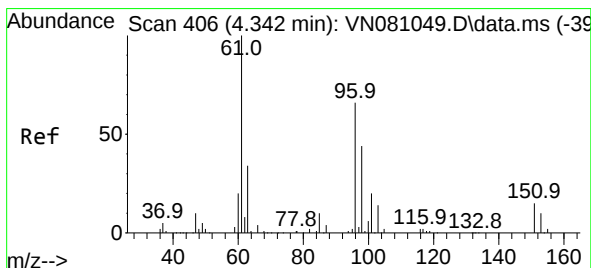
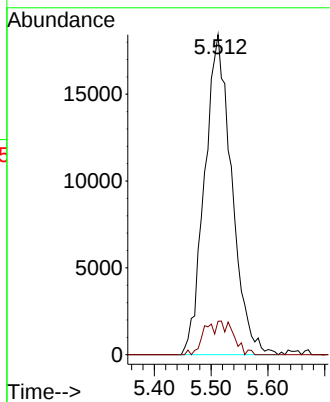
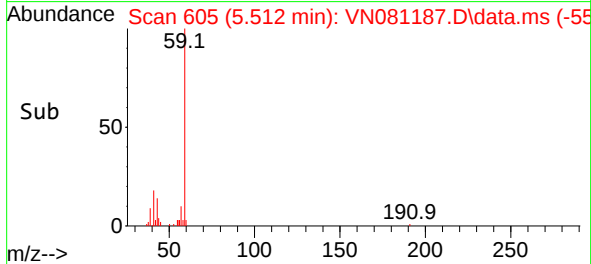
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



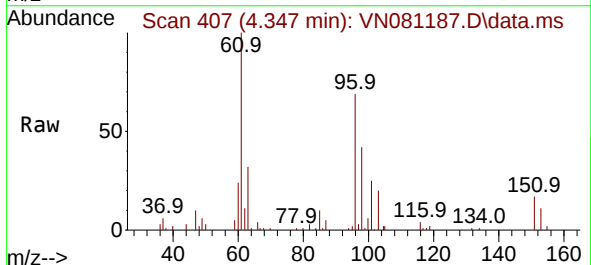
Tgt Ion: 59 Resp: 61110
Ion Ratio Lower Upper
59 100
57 6.5 8.6 12.8

Manual Integrations
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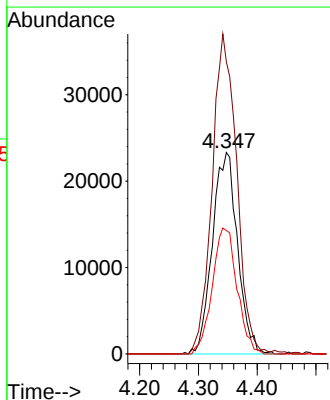
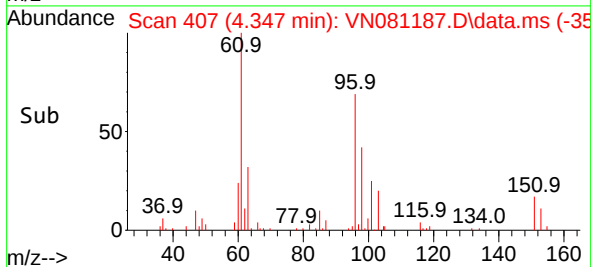
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

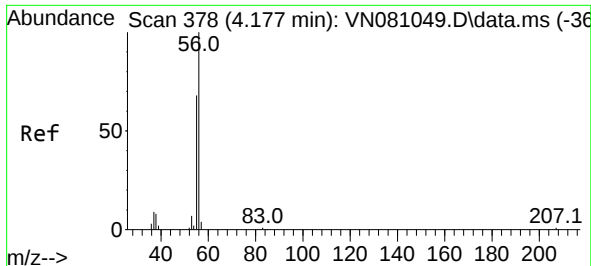


#12
1,1-Dichloroethene
Concen: 19.631 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54



Tgt Ion: 96 Resp: 69188
Ion Ratio Lower Upper
96 100
61 145.1 138.2 207.4
98 61.3 49.2 73.8





#13

Acrolein

Concen: 104.329 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

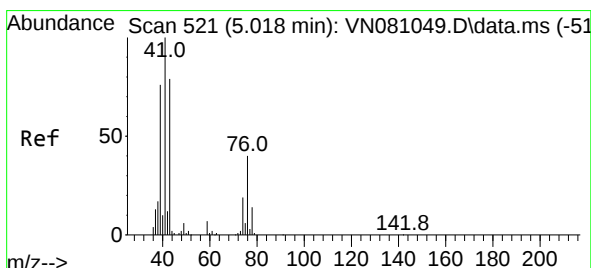
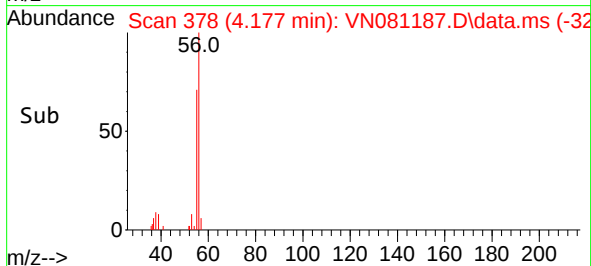
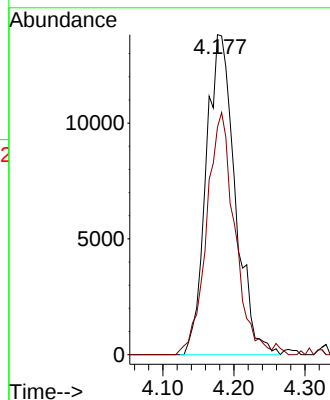
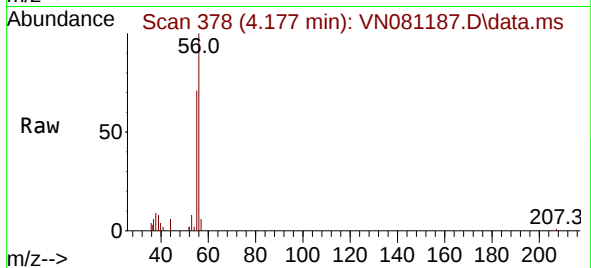
VN0226WBS01

Tgt Ion: 56 Resp: 39284
 Ion Ratio Lower Upper
 56 100
 55 73.2 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024



#14

Allyl chloride

Concen: 19.092 ug/l

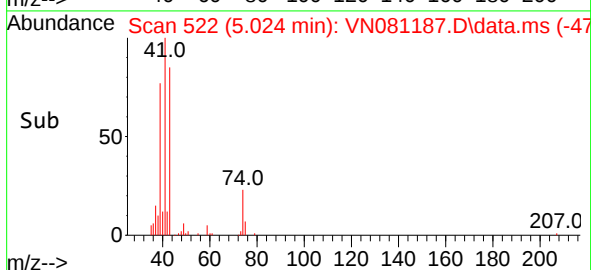
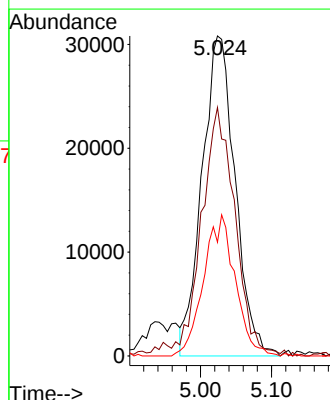
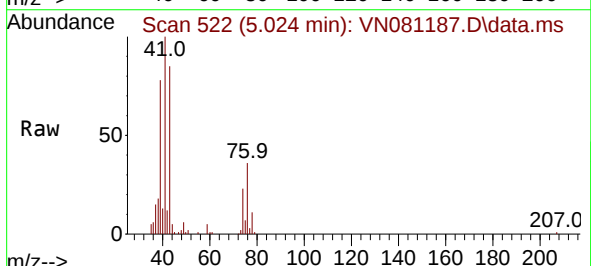
RT: 5.024 min Scan# 522

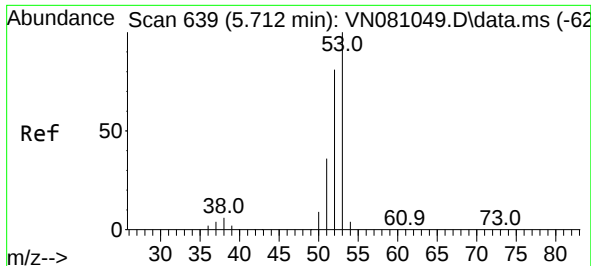
Delta R.T. 0.006 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

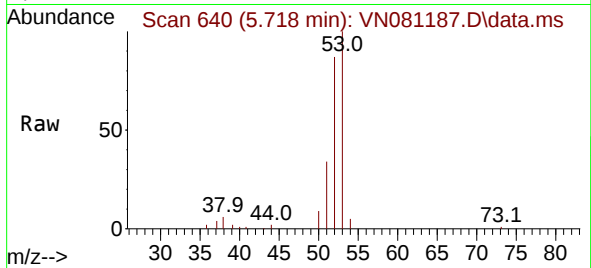
Tgt Ion: 41 Resp: 99840
 Ion Ratio Lower Upper
 41 100
 39 78.2 57.7 86.5
 76 42.0 26.8 40.2#





#15
Acrylonitrile
Concen: 96.760 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

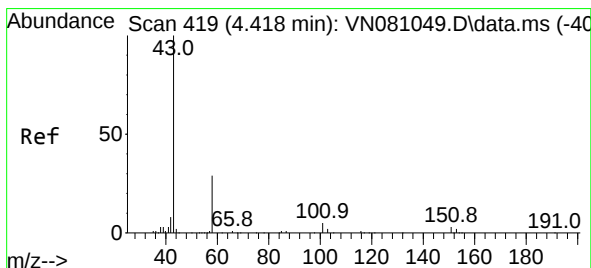
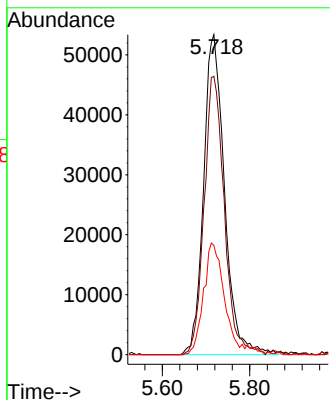
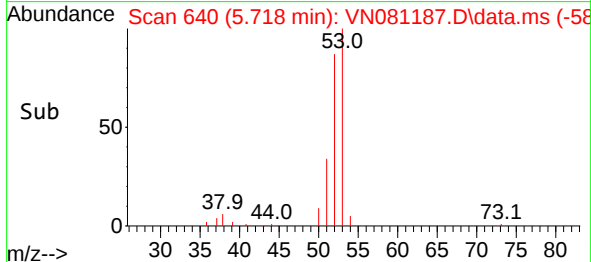
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 53 Resp: 17753
Ion Ratio Lower Upper
53 100
52 84.0 64.8 97.2
51 34.5 26.9 40.3

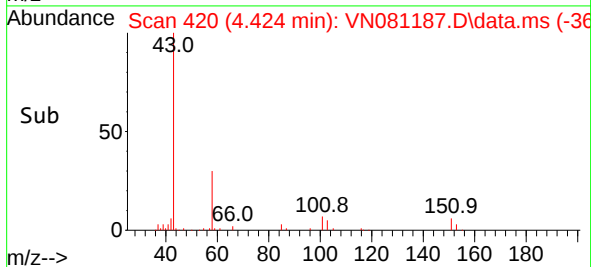
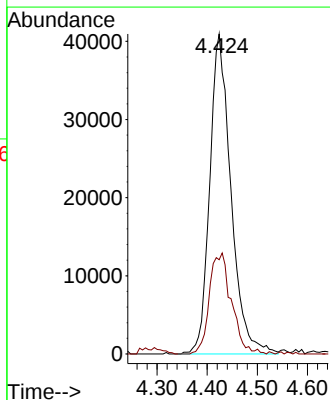
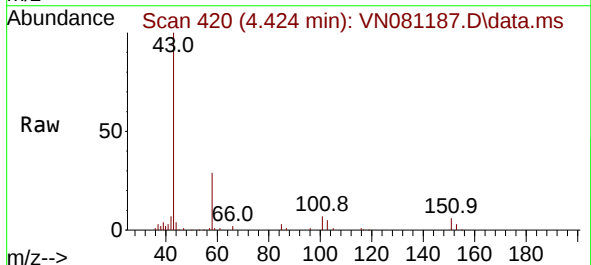
Manual Integrations
APPROVED

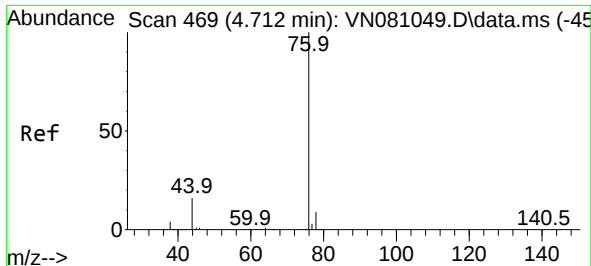
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#16
Acetone
Concen: 80.076 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

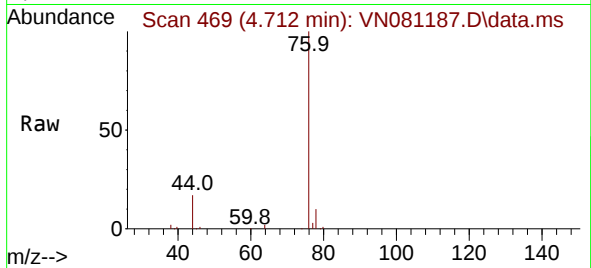
Tgt Ion: 43 Resp: 120363
Ion Ratio Lower Upper
43 100
58 29.4 24.8 37.2





#17
Carbon Disulfide
Concen: 17.341 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

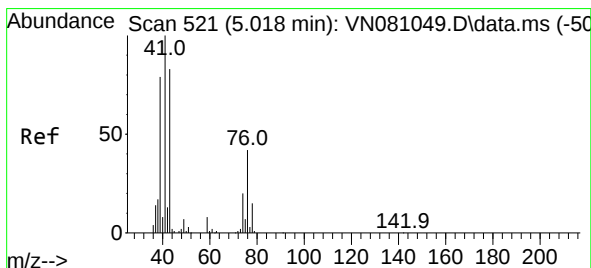
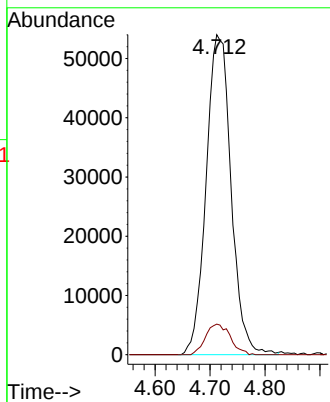
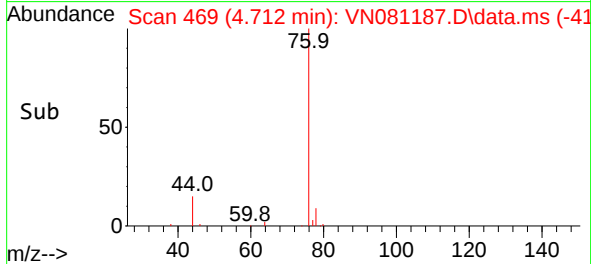
Instrument :
MSVOA_N
Client Sample Id :
VN0226WBS01



Tgt Ion: 76 Resp: 17046
Ion Ratio Lower Upper
76 100
78 9.6 6.3 9.5

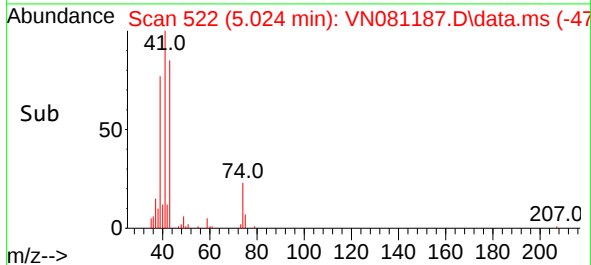
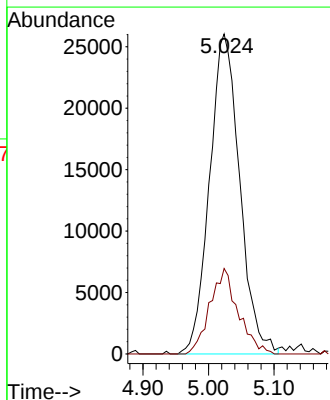
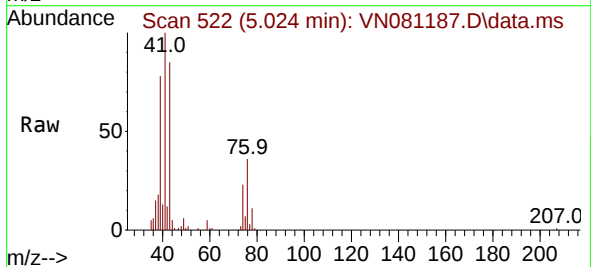
Manual Integrations
APPROVED

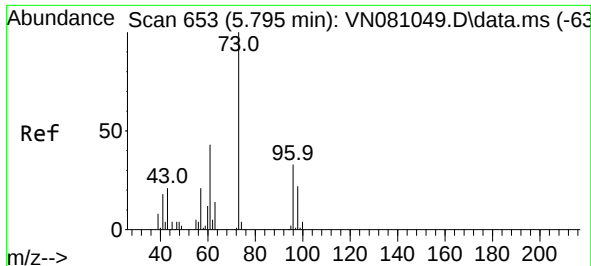
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#18
Methyl Acetate
Concen: 22.683 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

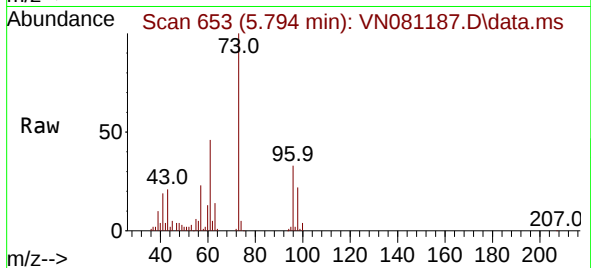
Tgt Ion: 43 Resp: 83174
Ion Ratio Lower Upper
43 100
74 25.0 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 20.204 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

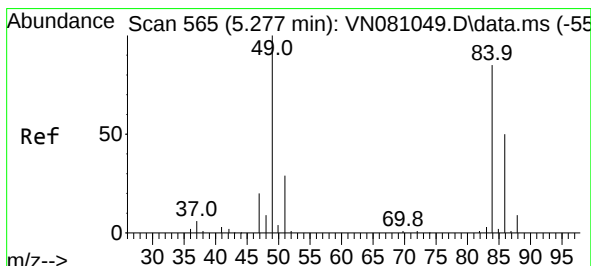
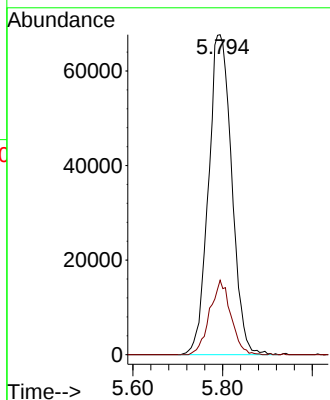
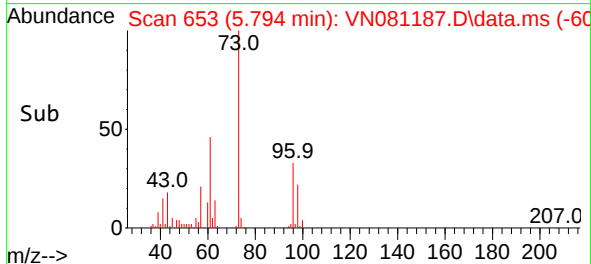
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 73 Resp: 243892
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4

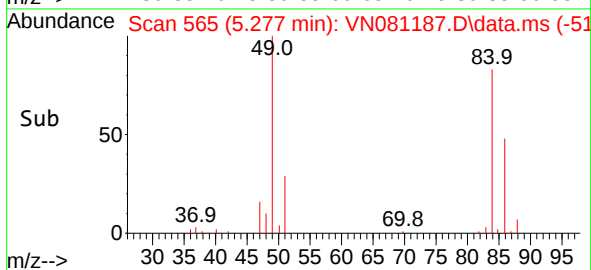
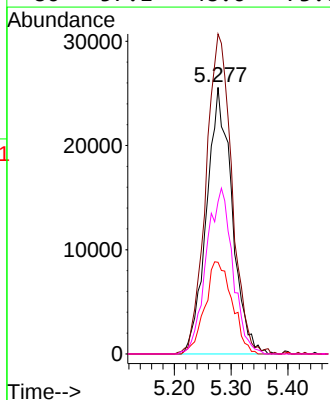
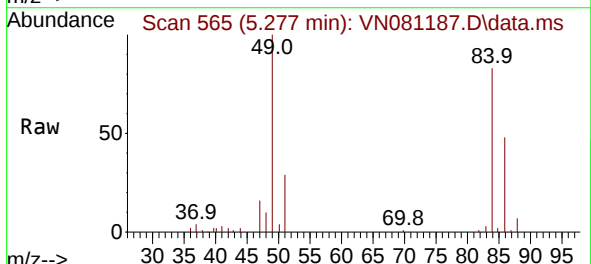
Manual Integrations
APPROVED

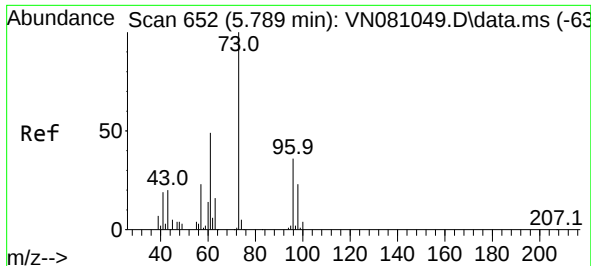
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#20
Methylene Chloride
Concen: 19.902 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

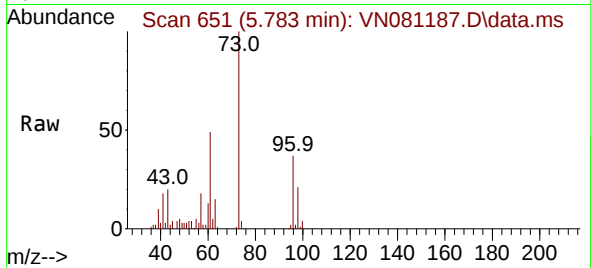
Tgt Ion: 84 Resp: 79567
Ion Ratio Lower Upper
84 100
49 120.0 108.1 162.1
51 34.4 32.9 49.3
86 57.1 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.625 ug/l
RT: 5.783 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

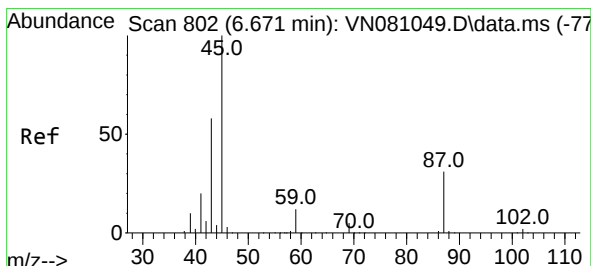
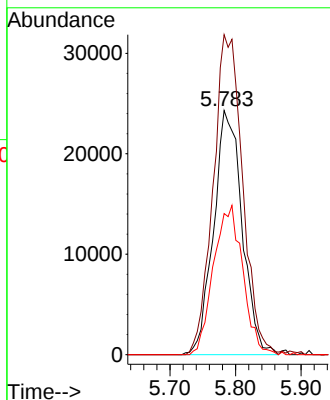
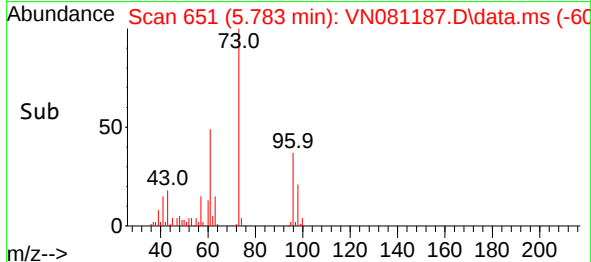
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 96 Resp: 73230
Ion Ratio Lower Upper
96 100
61 131.0 112.8 169.2
98 57.8 51.0 76.4

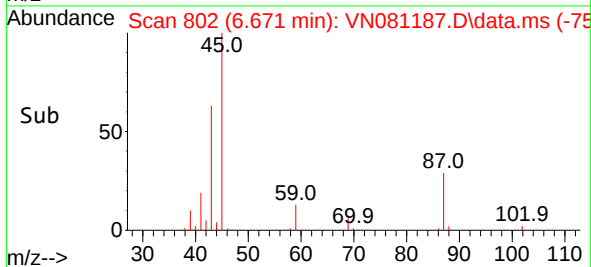
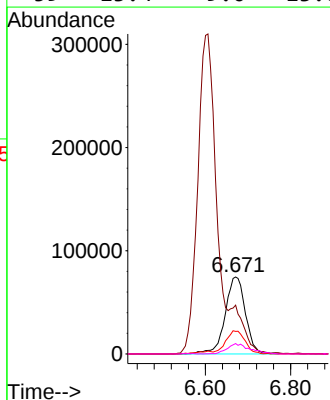
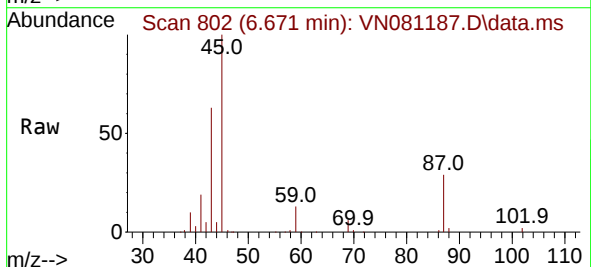
Manual Integrations
APPROVED

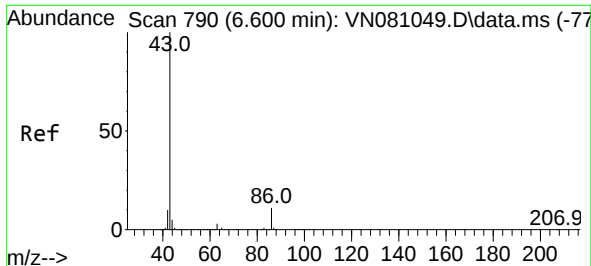
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#22
Diisopropyl ether
Concen: 20.748 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

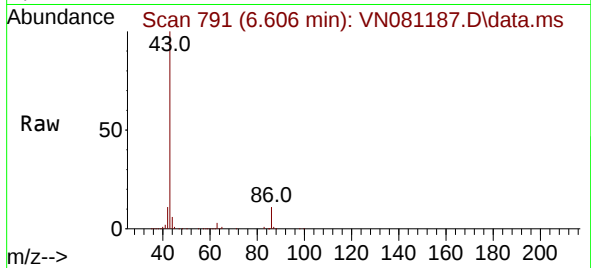
Tgt Ion: 45 Resp: 246122
Ion Ratio Lower Upper
45 100
43 62.5 41.8 62.8
87 29.3 18.1 27.1#
59 13.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 95.644 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081187.D
 Acq: 26 Feb 2024 11:54

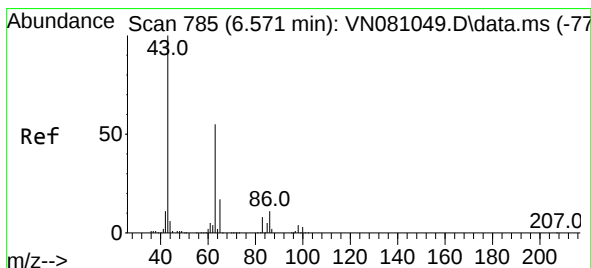
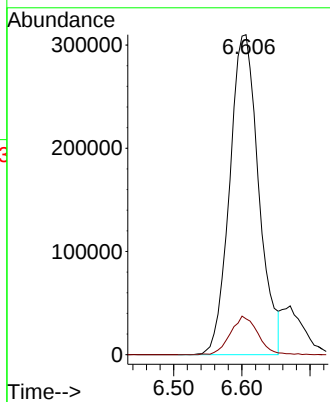
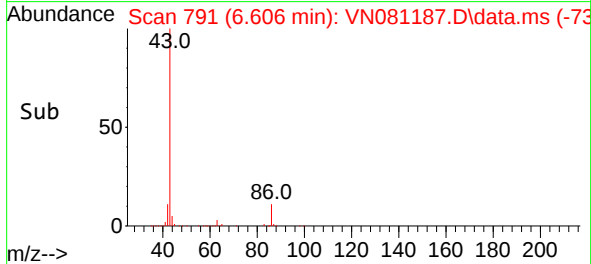
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBS01



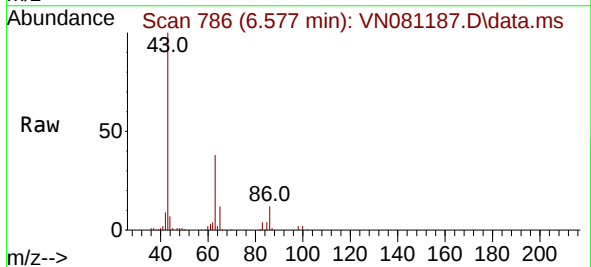
Tgt Ion: 43 Resp: 92054
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7

Manual Integrations
 APPROVED

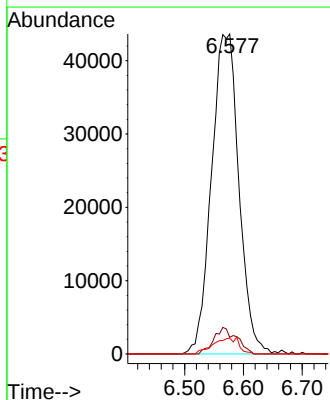
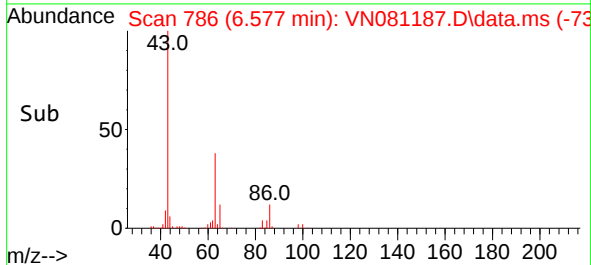
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024

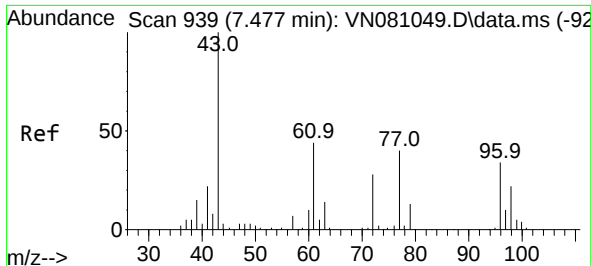


#24
 1,1-Dichloroethane
 Concen: 20.598 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN081187.D
 Acq: 26 Feb 2024 11:54



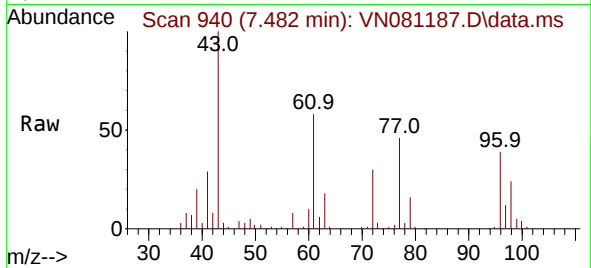
Tgt Ion: 63 Resp: 141282
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.9 8.6
 100 5.0 1.9 5.7





#25
2-Butanone
Concen: 90.229 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

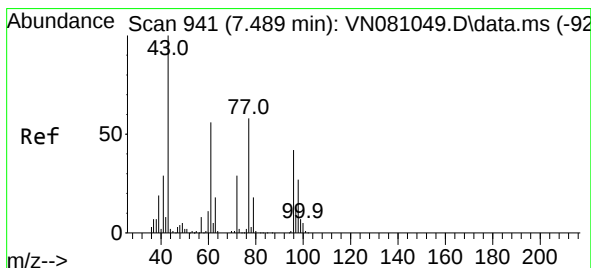
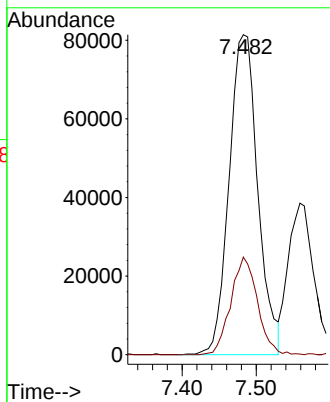
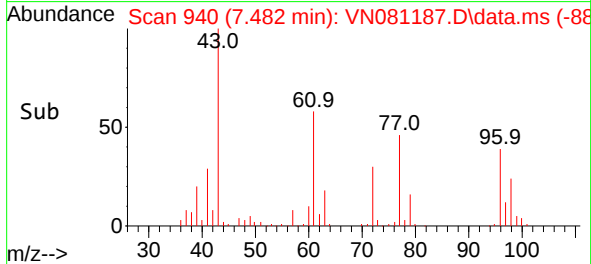
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 43 Resp: 21910
Ion Ratio Lower Upper
43 100
72 30.5 19.5 29.3

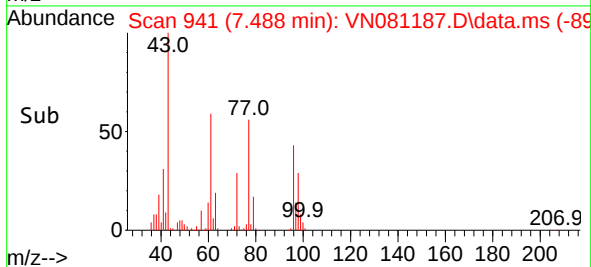
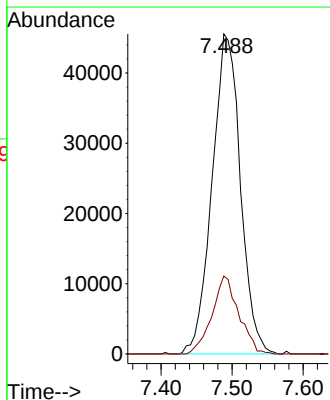
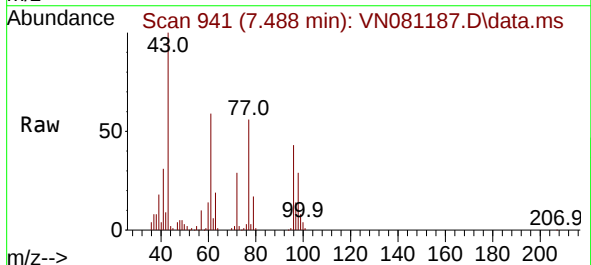
Manual Integrations
APPROVED

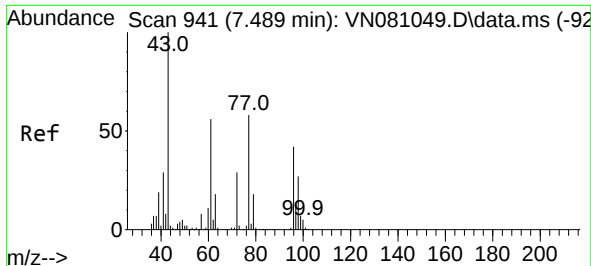
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#26
2,2-Dichloropropane
Concen: 19.593 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

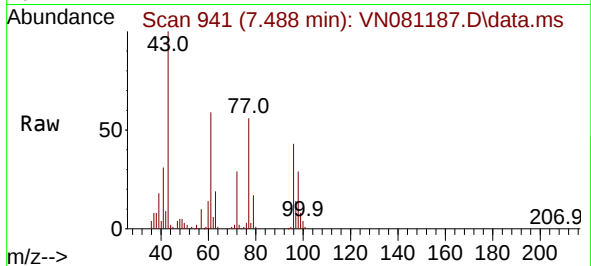
Tgt Ion: 77 Resp: 125921
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.368 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081187.D
 Acq: 26 Feb 2024 11:54

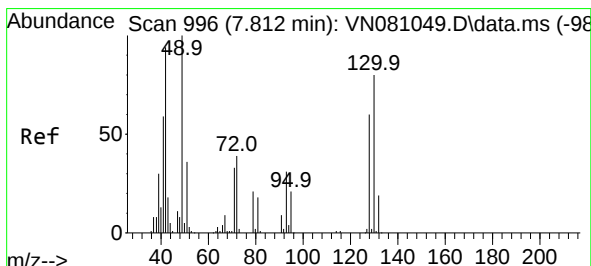
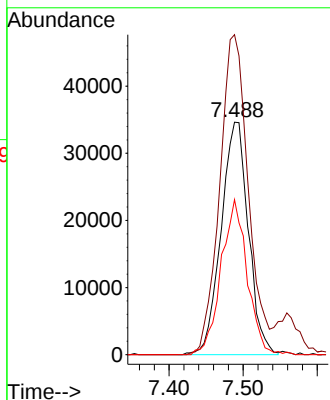
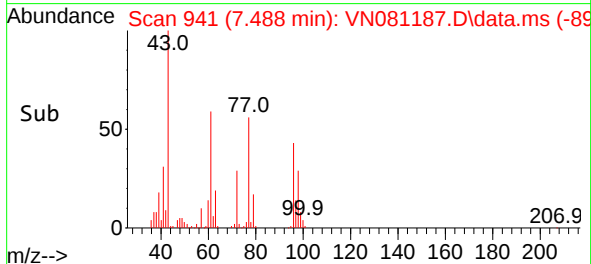
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBS01



Tgt Ion: 96 Resp: 8848
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 325.4
 98 64.1 0.0 130.4

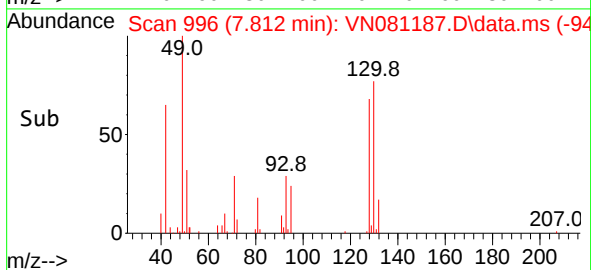
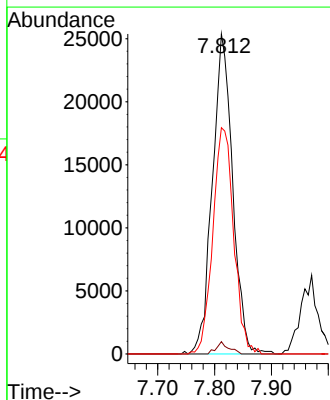
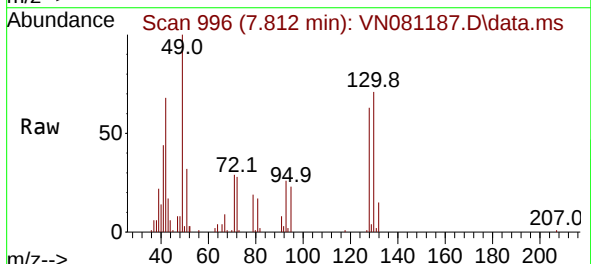
Manual Integrations
 APPROVED

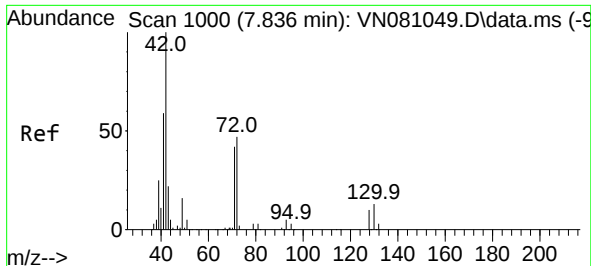
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024



#28
 Bromochloromethane
 Concen: 22.112 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081187.D
 Acq: 26 Feb 2024 11:54

Tgt Ion: 49 Resp: 62879
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 1.6#
 130 72.9 42.3 63.5#





#29

Tetrahydrofuran

Concen: 90.624 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBS01

Tgt Ion: 42 Resp: 14690

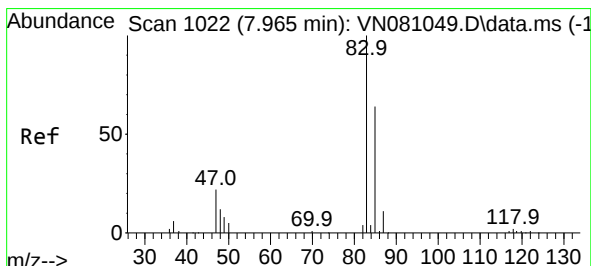
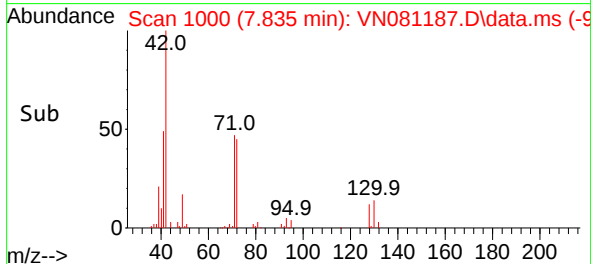
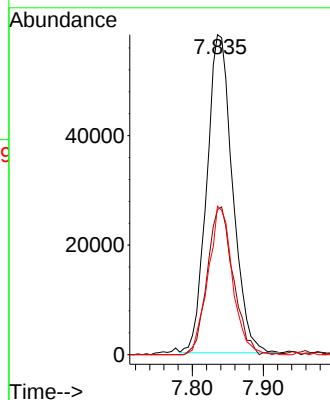
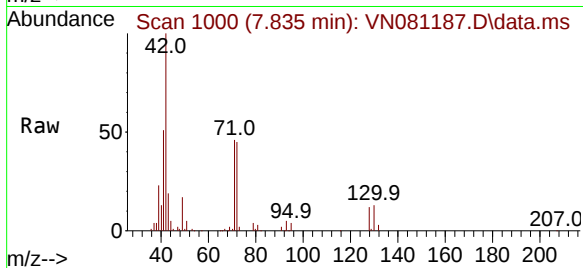
Ion	Ratio	Lower	Upper
42	100		
72	46.5	31.1	46.7
71	44.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#30

Chloroform

Concen: 20.762 ug/l

RT: 7.971 min Scan# 1023

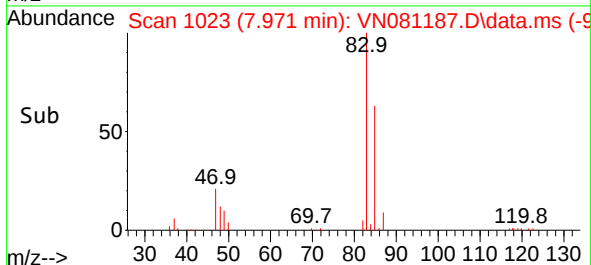
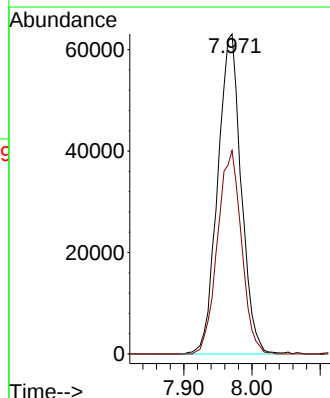
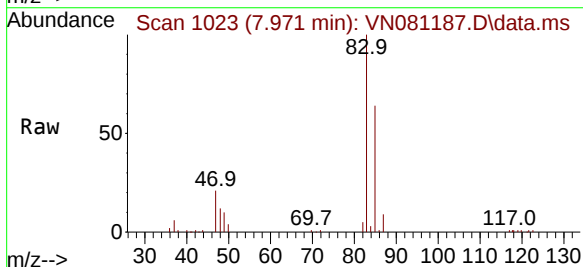
Delta R.T. 0.006 min

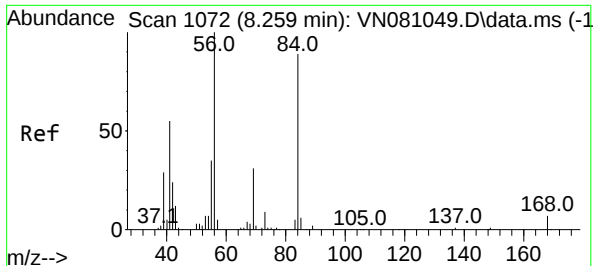
Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Tgt Ion: 83 Resp: 151390

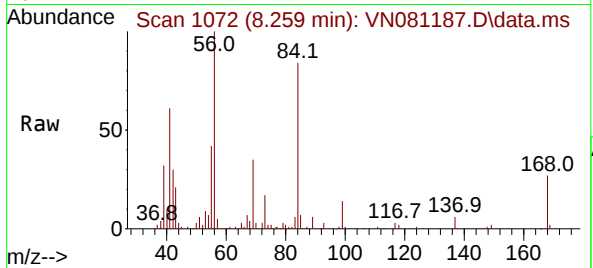
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.0	76.6





#31
Cyclohexane
Concen: 19.044 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

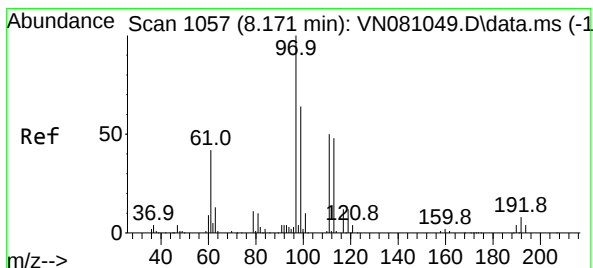
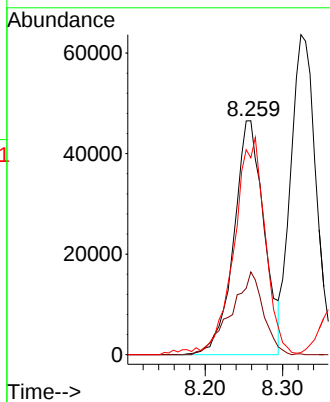
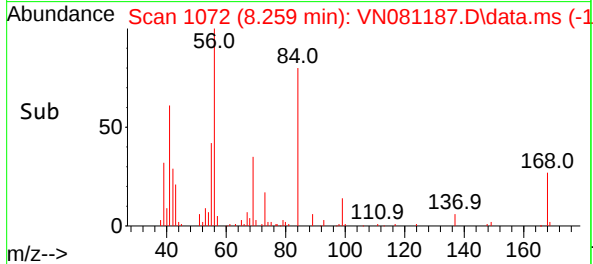
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 56 Resp: 125615
Ion Ratio Lower Upper
56 100
69 35.3 20.1 30.1
84 83.0 56.9 85.3

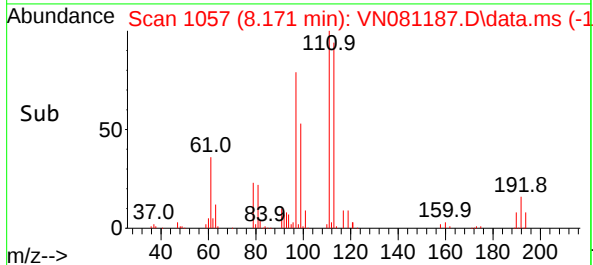
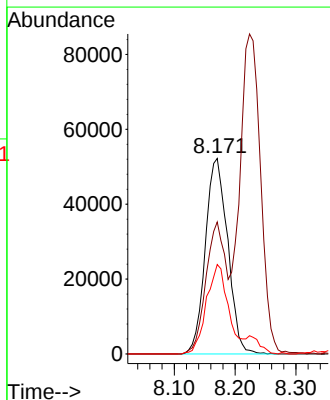
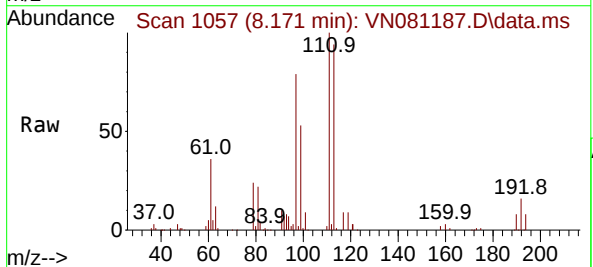
Manual Integrations
APPROVED

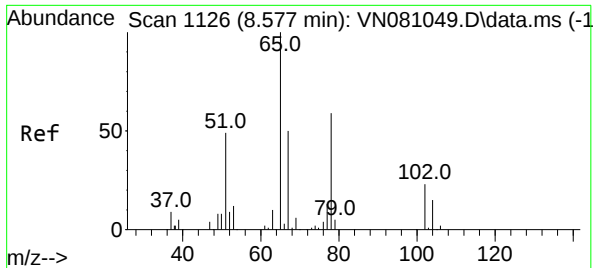
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#32
1,1,1-Trichloroethane
Concen: 20.034 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Tgt Ion: 97 Resp: 133043
Ion Ratio Lower Upper
97 100
99 59.2 53.4 80.0
61 44.9 43.8 65.8





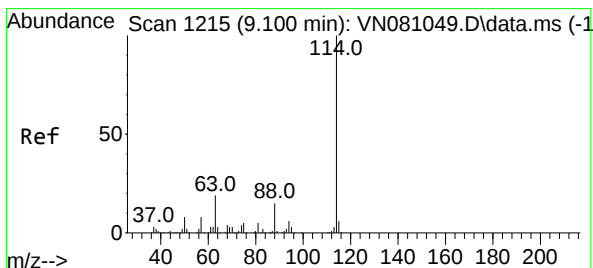
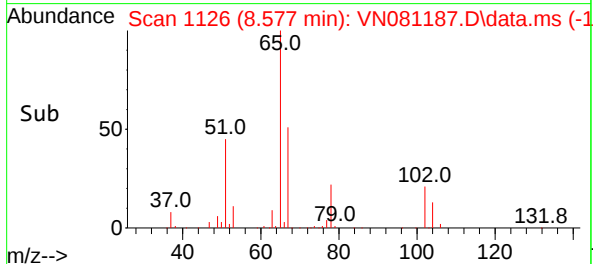
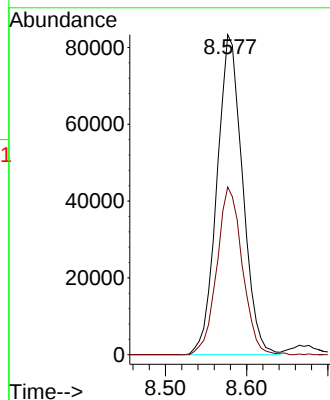
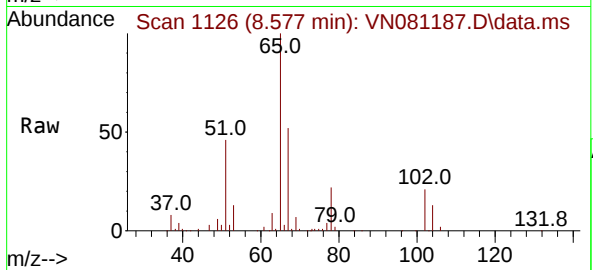
#33
1,2-Dichloroethane-d4
Concen: 47.841 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01

Tgt Ion: 65 Resp: 18275
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.4

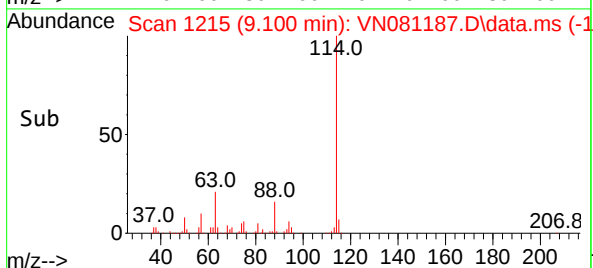
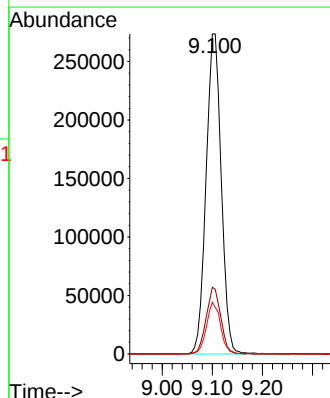
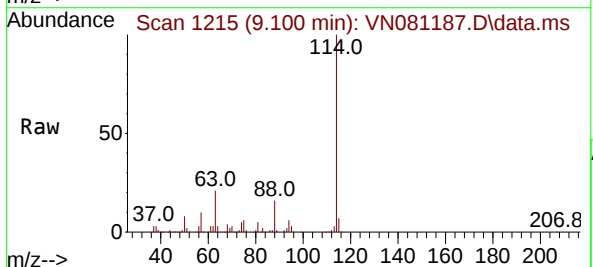
Manual Integrations
APPROVED

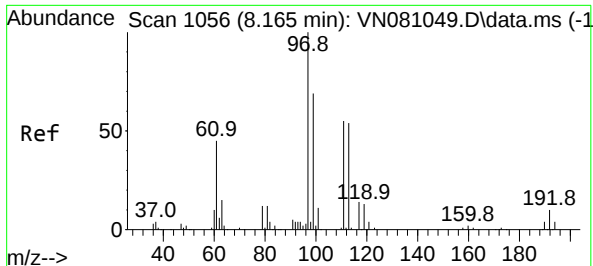
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

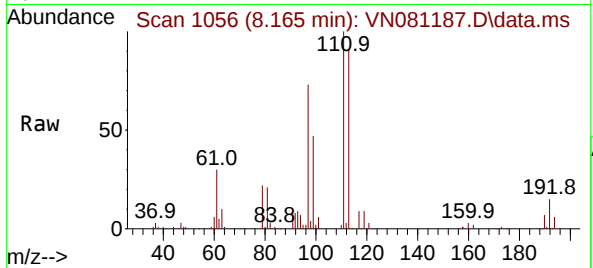
Tgt Ion:114 Resp: 575393
Ion Ratio Lower Upper
114 100
63 20.9 0.0 48.0
88 16.1 0.0 34.8





#35
Dibromofluoromethane
Concen: 47.968 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

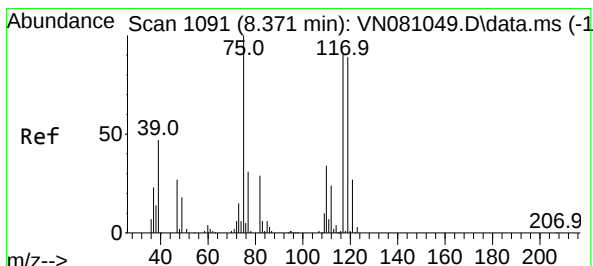
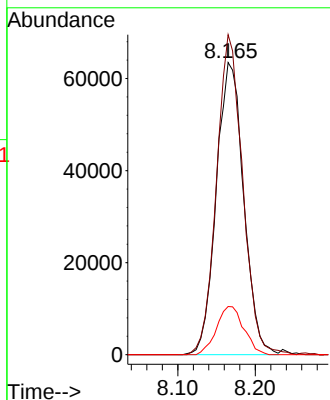
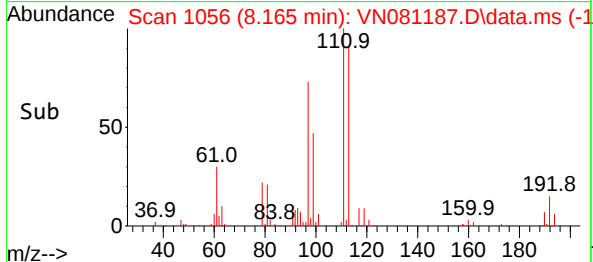
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



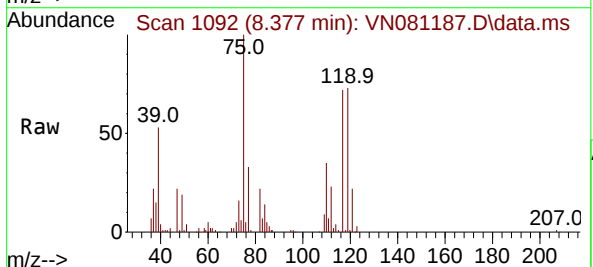
Tgt Ion: 113 Resp: 15607
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 16.4 12.5 18.7

Manual Integrations
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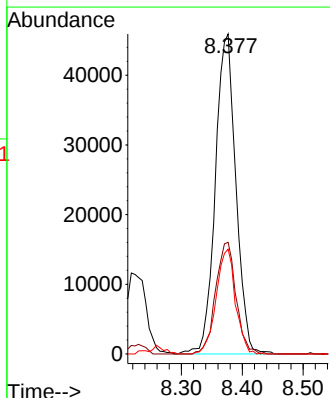
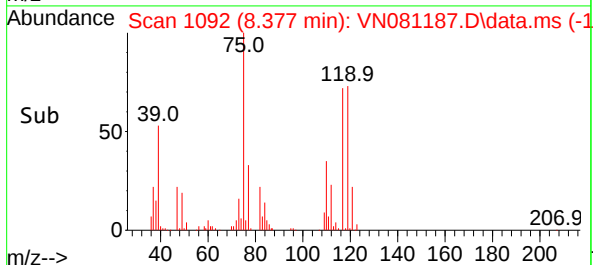
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

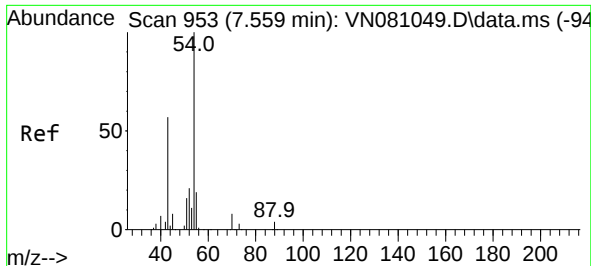


#36
1,1-Dichloropropene
Concen: 19.296 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54



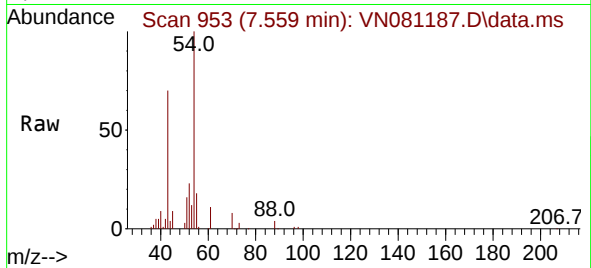
Tgt Ion: 75 Resp: 107559
Ion Ratio Lower Upper
75 100
110 34.6 16.0 48.0
77 30.8 25.8 38.6





#37
Ethyl Acetate
Concen: 18.789 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

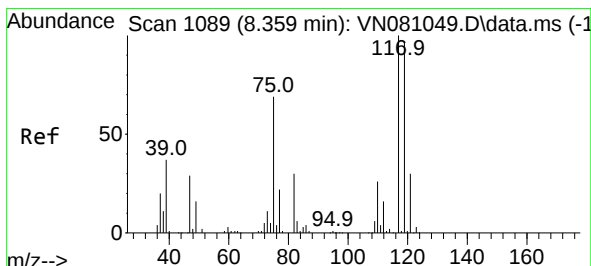
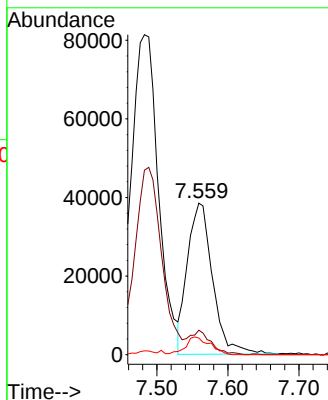
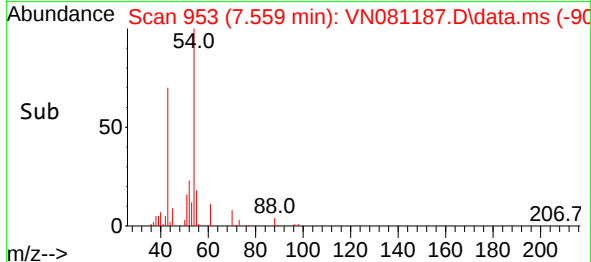
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 43 Resp: 94520
Ion Ratio Lower Upper
43 100
61 12.8 10.6 15.8
70 11.2 8.0 12.0

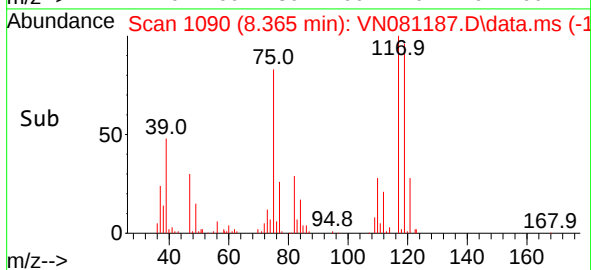
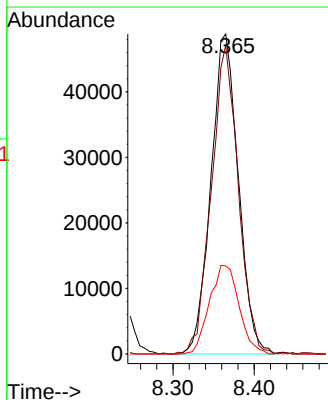
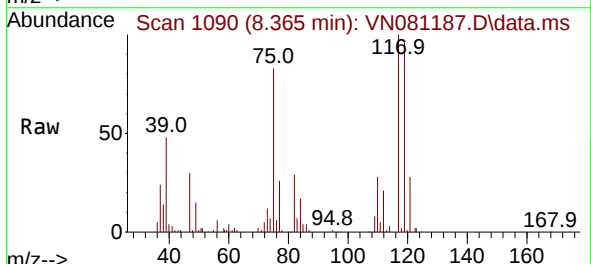
Manual Integrations
APPROVED

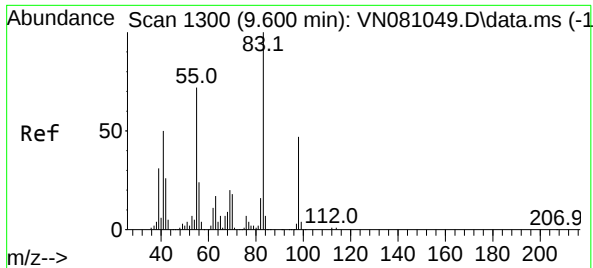
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#38
Carbon Tetrachloride
Concen: 20.328 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Tgt Ion:117 Resp: 114641
Ion Ratio Lower Upper
117 100
119 96.4 73.4 110.2
121 27.6 24.4 36.6





#39

Methylcyclohexane

Concen: 18.993 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBS01

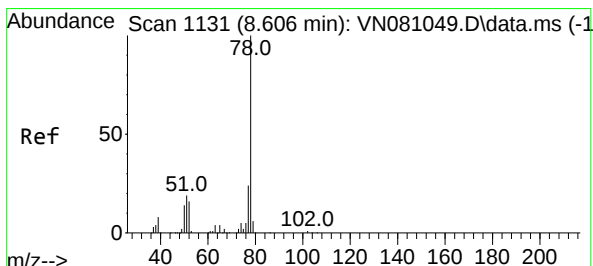
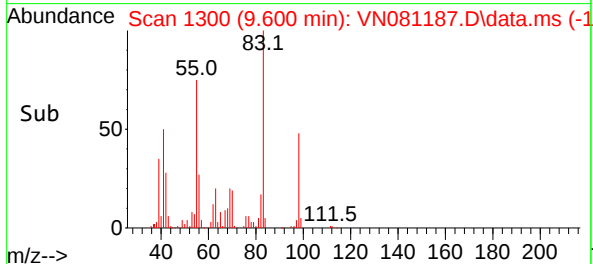
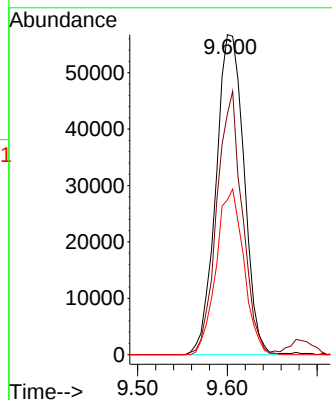
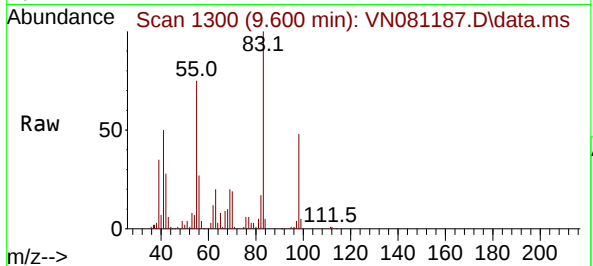
Tgt Ion:	83	Resp:	123414
Ion Ratio	Lower	Upper	
83	100		
55	75.2	65.7	98.5
98	48.4	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#40

Benzene

Concen: 20.122 ug/l

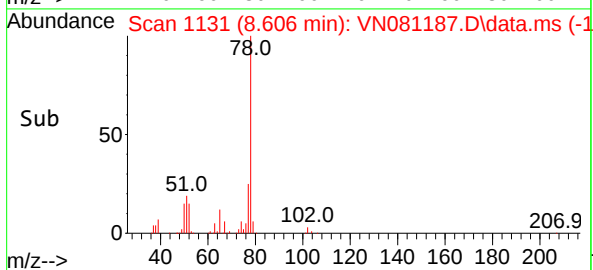
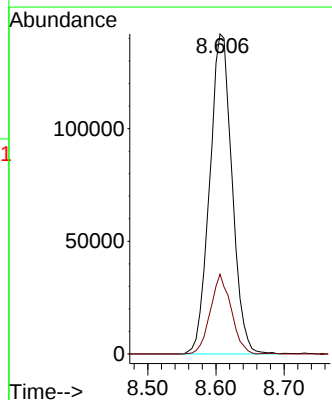
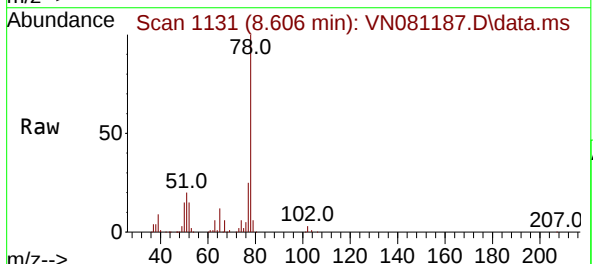
RT: 8.606 min Scan# 1131

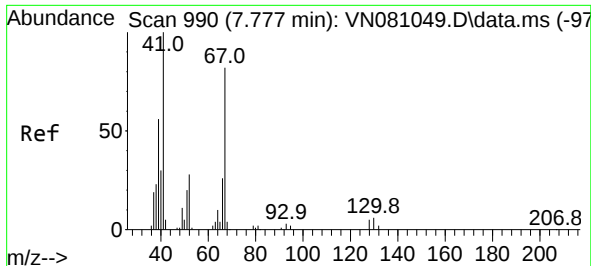
Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

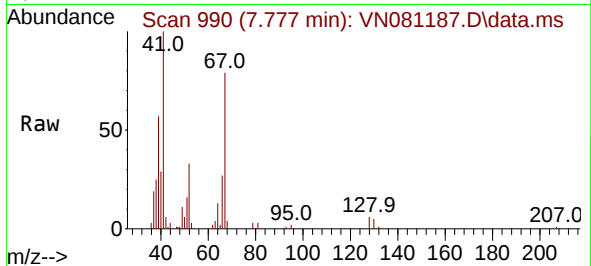
Tgt Ion:	78	Resp:	324666
Ion Ratio	Lower	Upper	
78	100		
77	24.9	20.4	30.6





#41
Methacrylonitrile
Concen: 18.703 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

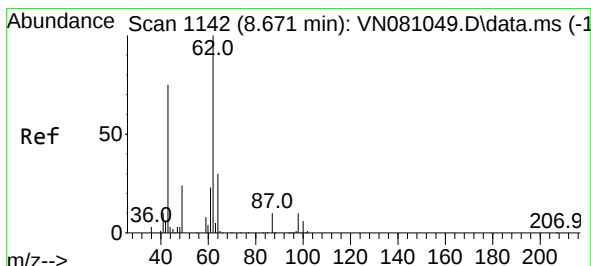
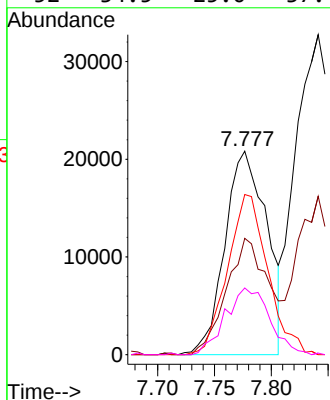
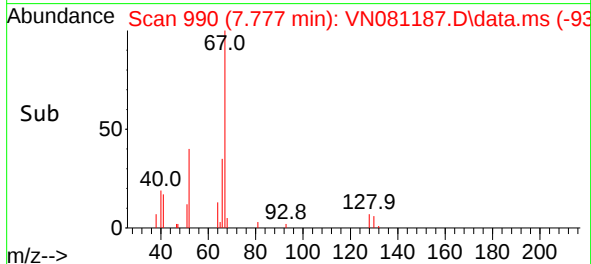
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion:	41	Resp:	53549
Ion Ratio	100	Lower	Upper
41	100		
39	56.1	48.4	72.6
67	75.4	56.8	85.2
52	34.5	25.0	37.4

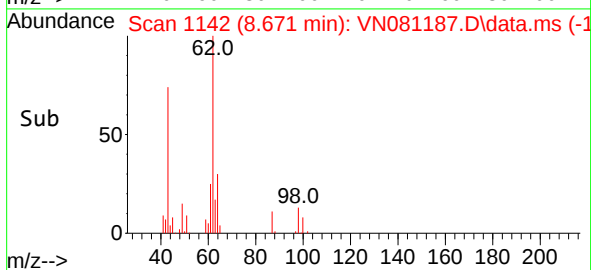
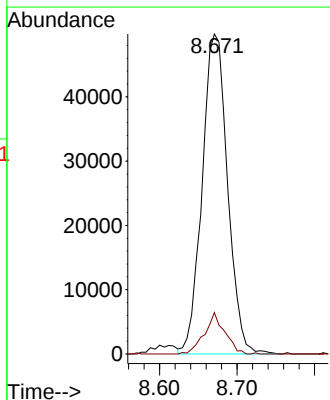
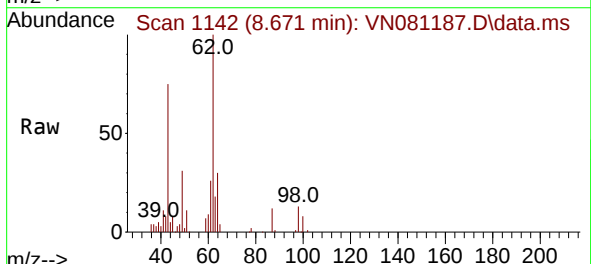
Manual Integrations
APPROVED

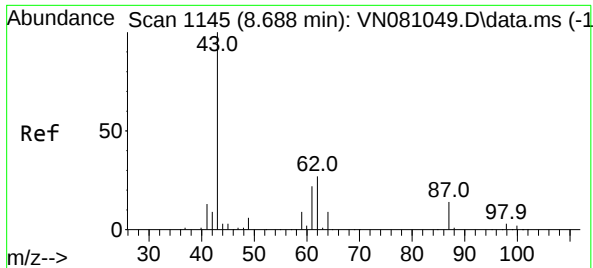
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#42
1,2-Dichloroethane
Concen: 20.185 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Tgt Ion:	62	Resp:	113625
Ion Ratio	100	Lower	Upper
62	100		
98	10.3	0.0	18.0





#43

Isopropyl Acetate

Concen: 20.402 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBS01

Tgt Ion: 43 Resp: 179508

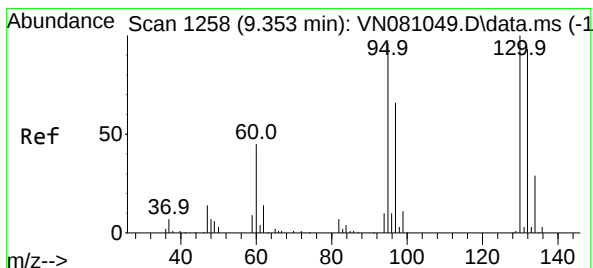
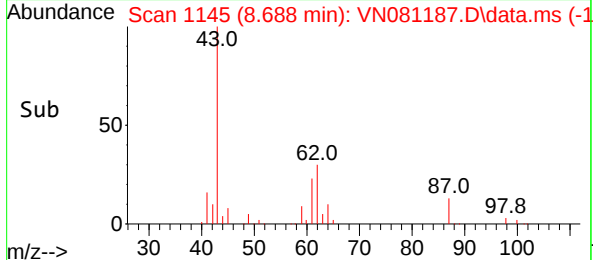
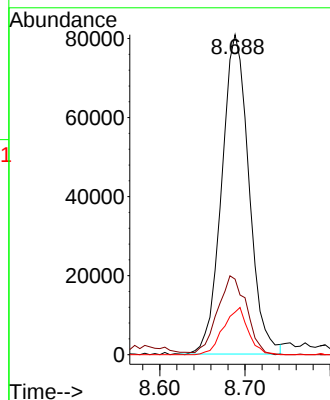
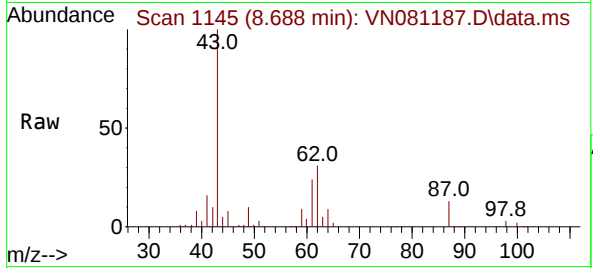
Ion	Ratio	Lower	Upper
43	100		
61	26.3	19.9	29.9
87	13.4	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#44

Trichloroethene

Concen: 19.931 ug/l

RT: 9.347 min Scan# 1257

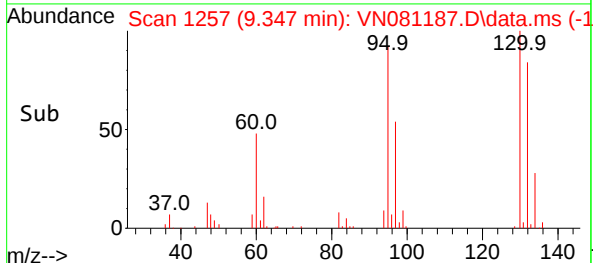
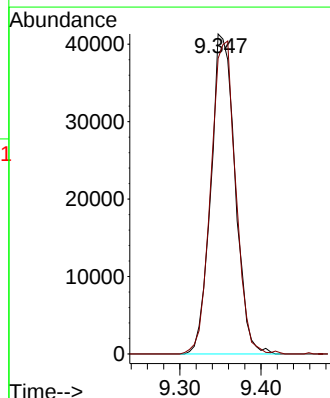
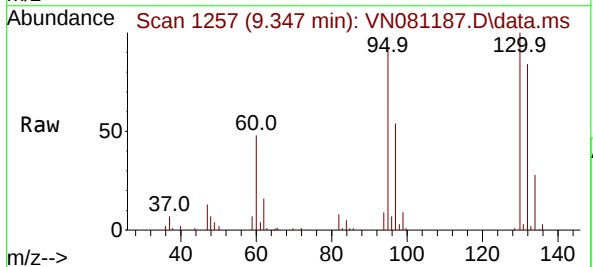
Delta R.T. -0.006 min

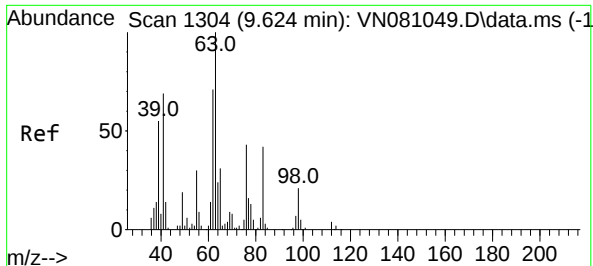
Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Tgt Ion:130 Resp: 85652

Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	210.4





#45

1,2-Dichloropropane

Concen: 20.234 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBS01

Tgt Ion: 63 Resp: 8166

Ion Ratio Lower Upper

63 100

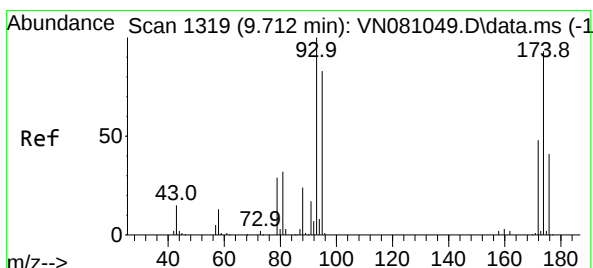
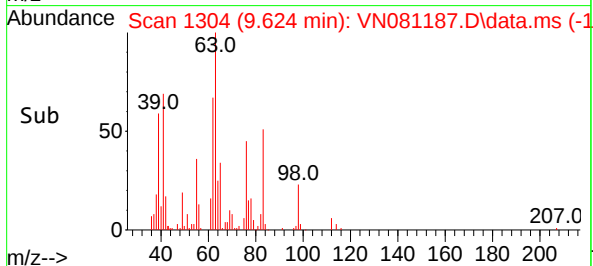
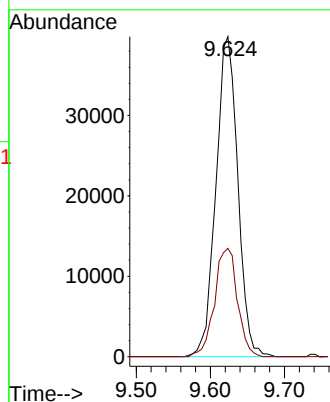
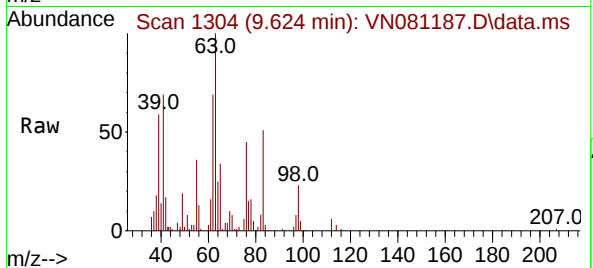
65 33.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#46

Dibromomethane

Concen: 19.587 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

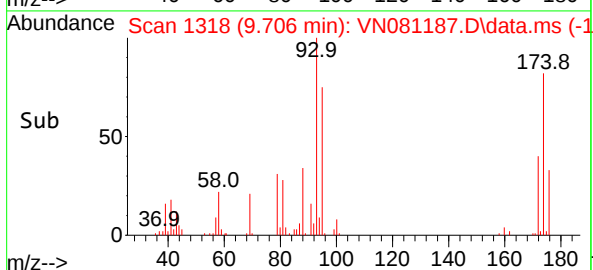
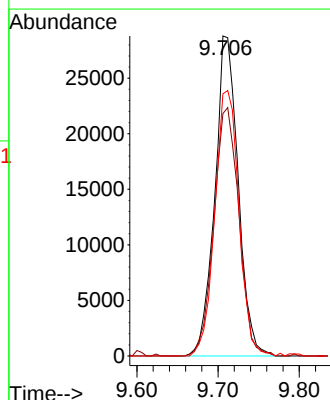
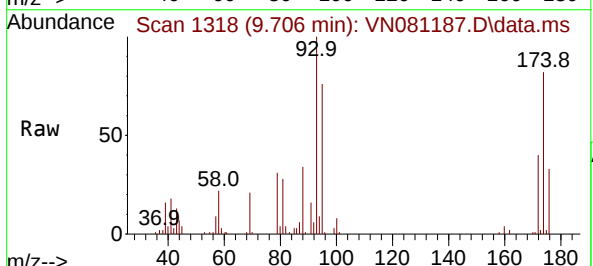
Tgt Ion: 93 Resp: 57600

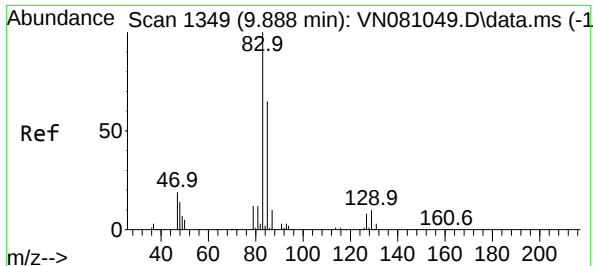
Ion Ratio Lower Upper

93 100

95 83.1 68.1 102.1

174 85.4 57.2 85.8





#47

Bromodichloromethane

Concen: 20.564 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBS01

Tgt Ion: 83 Resp: 11453

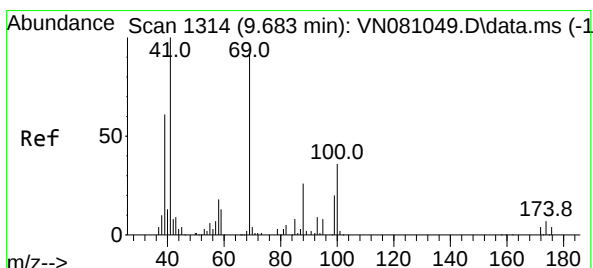
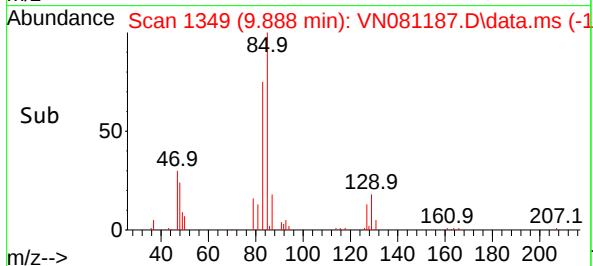
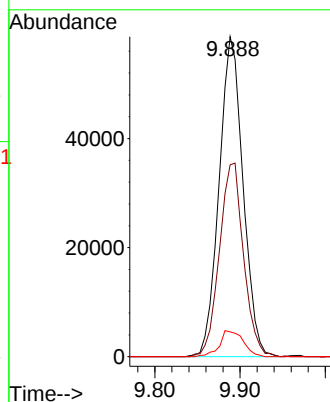
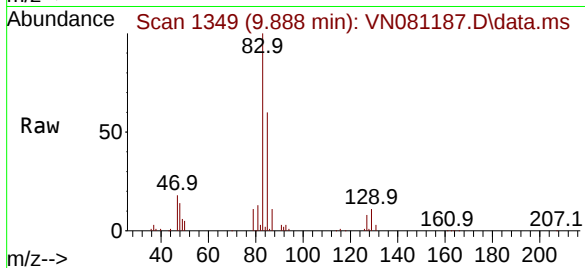
Ion	Ratio	Lower	Upper
83	100		
85	60.0	52.3	78.5
127	7.7	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#48

Methyl methacrylate

Concen: 19.912 ug/l

RT: 9.682 min Scan# 1314

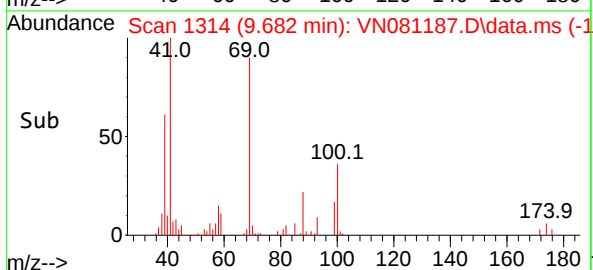
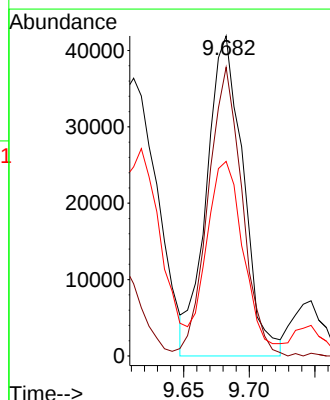
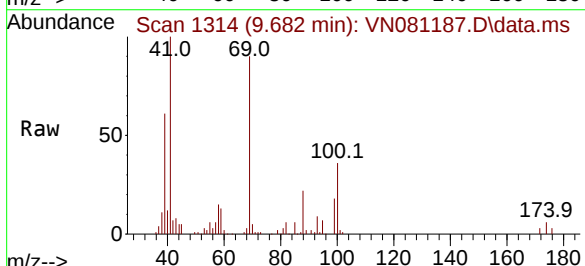
Delta R.T. -0.000 min

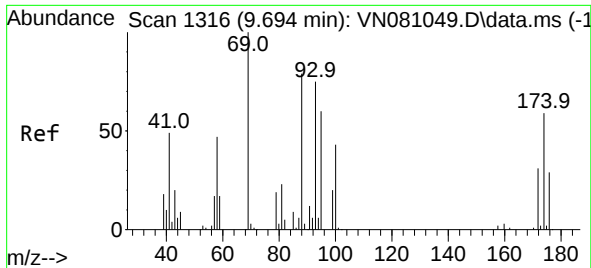
Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Tgt Ion: 41 Resp: 81521

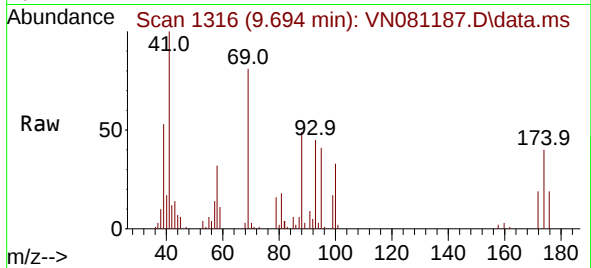
Ion	Ratio	Lower	Upper
41	100		
69	83.7	62.2	93.2
39	61.9	47.6	71.4





#49
1,4-Dioxane
Concen: 355.659 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

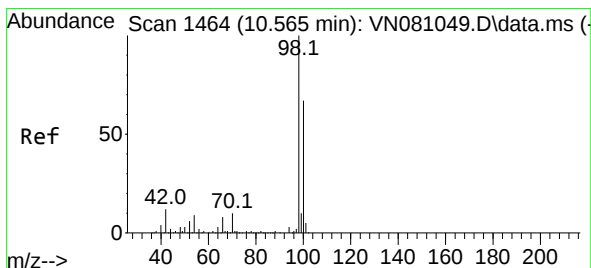
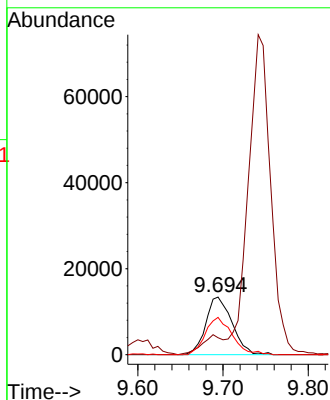
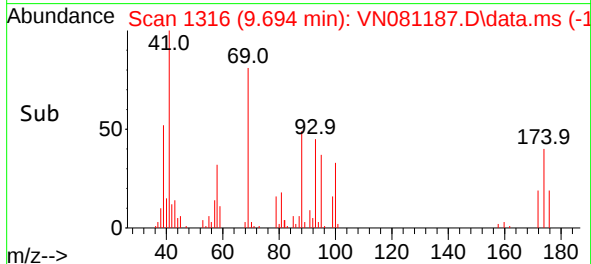
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 88 Resp: 2873
Ion Ratio Lower Upper
88 100
43 26.6 30.1 45.1
58 65.9 63.9 95.9

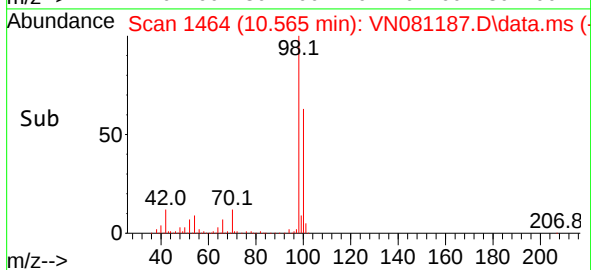
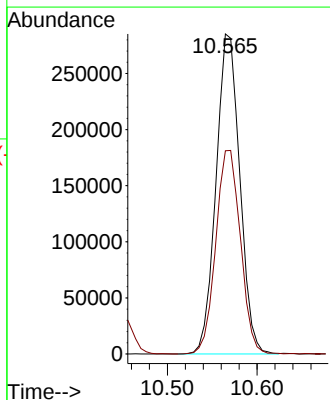
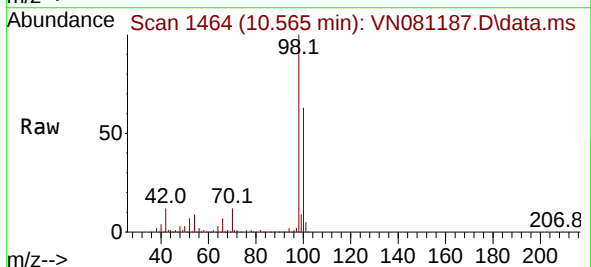
Manual Integrations
APPROVED

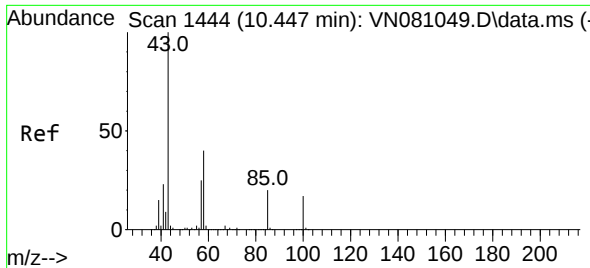
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#50
Toluene-d8
Concen: 45.380 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Tgt Ion: 98 Resp: 524420
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0





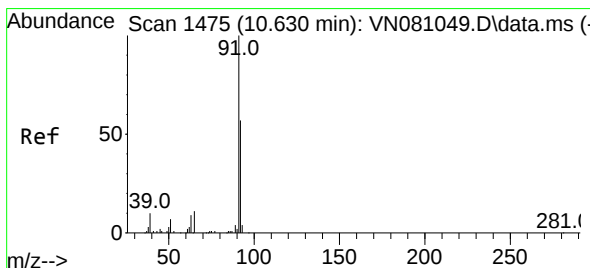
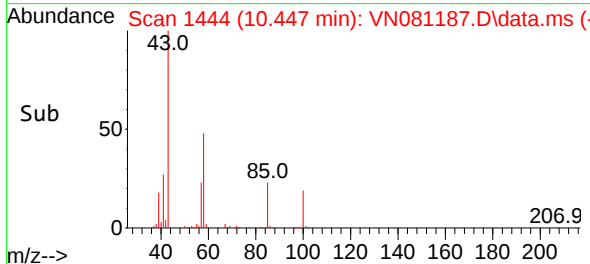
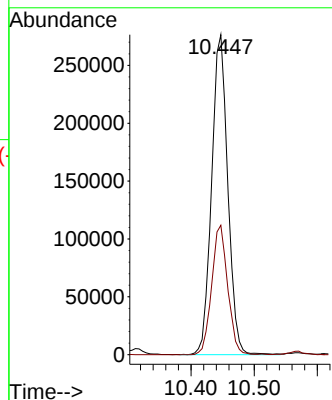
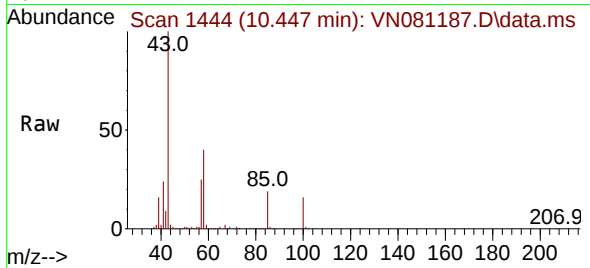
#51
4-Methyl-2-Pentanone
Concen: 96.951 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01

Tgt Ion: 43 Resp: 490700
Ion Ratio Lower Upper
43 100
58 39.9 29.4 44.0

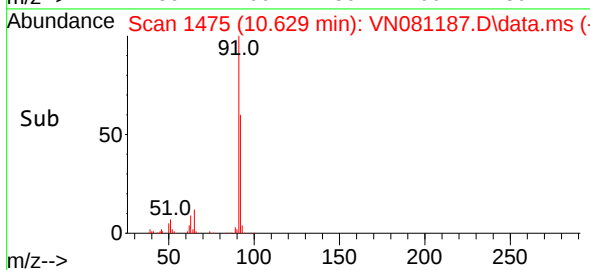
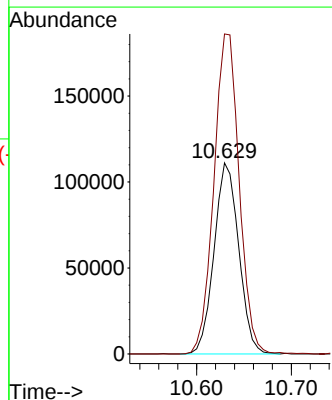
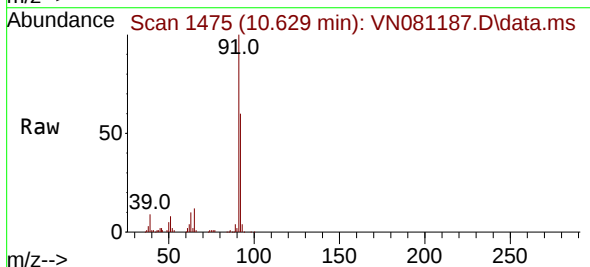
Manual Integrations
APPROVED

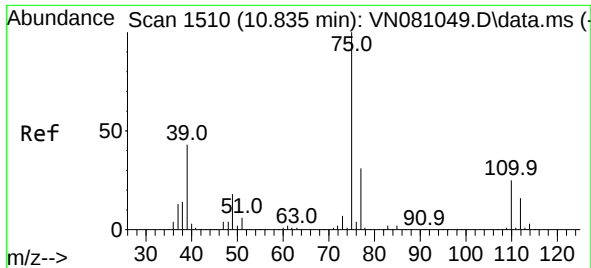
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#52
Toluene
Concen: 19.669 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

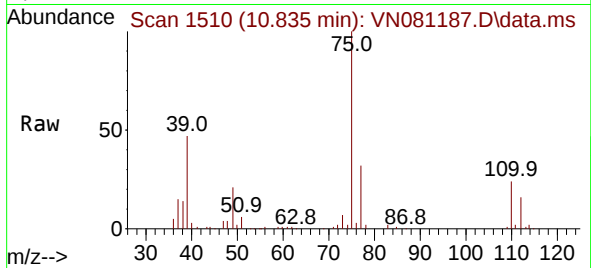
Tgt Ion: 92 Resp: 200910
Ion Ratio Lower Upper
92 100
91 172.4 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 20.385 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

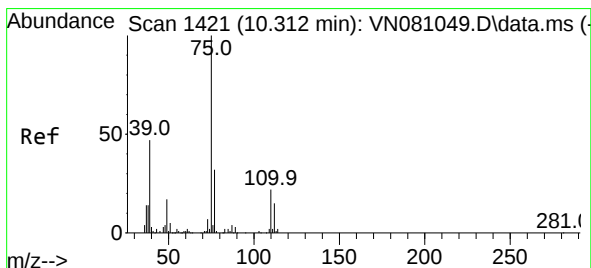
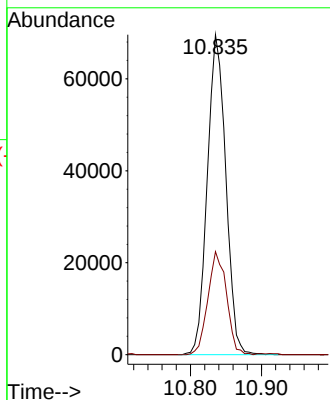
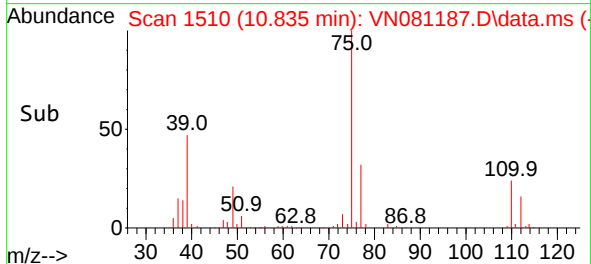
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 75 Resp: 12616
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3

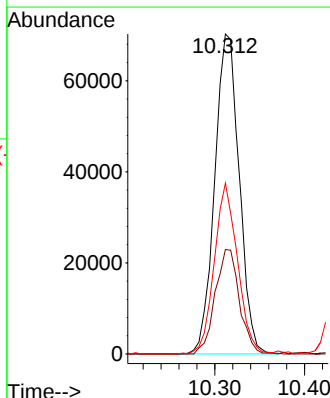
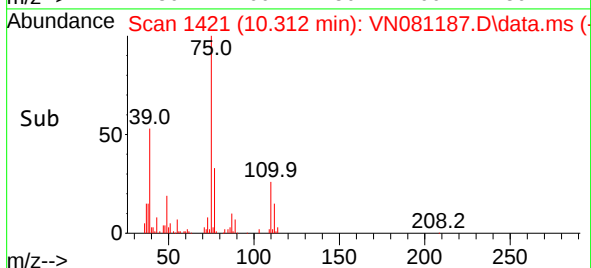
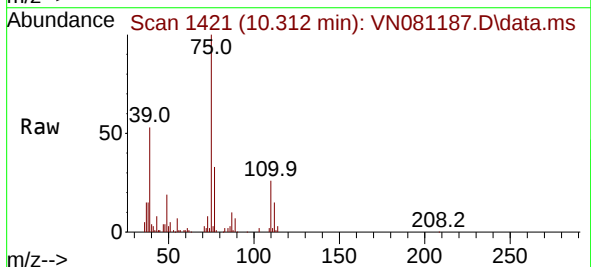
Manual Integrations
APPROVED

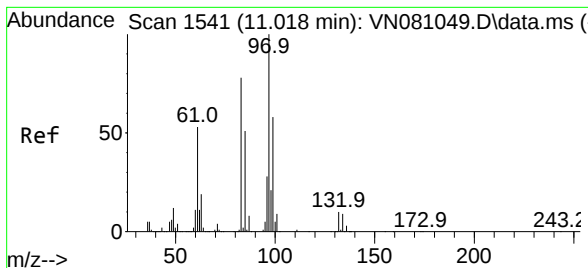
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#54
cis-1,3-Dichloropropene
Concen: 19.899 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

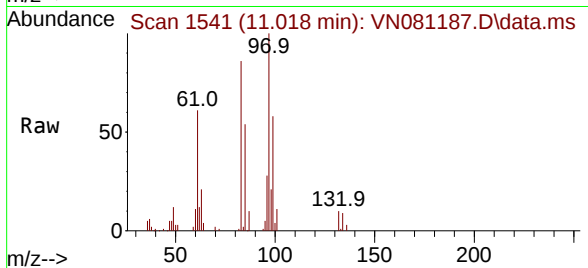
Tgt Ion: 75 Resp: 133064
Ion Ratio Lower Upper
75 100
77 32.7 23.3 34.9
39 53.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.907 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01

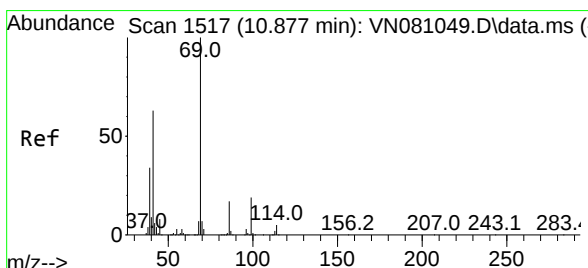
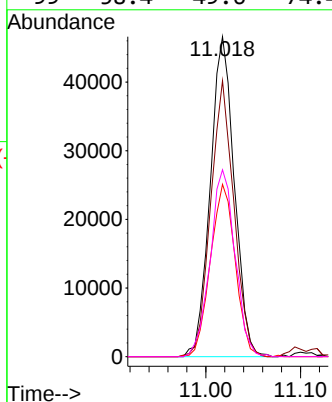
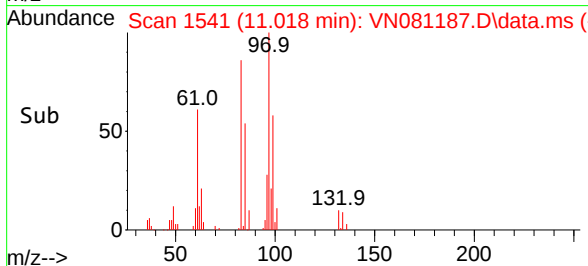


Tgt Ion: 97 Resp: 82130

Ion	Ratio	Lower	Upper
97	100		
83	86.3	72.9	109.3
85	53.9	50.2	75.2
99	58.4	49.6	74.4

Manual Integrations
APPROVED

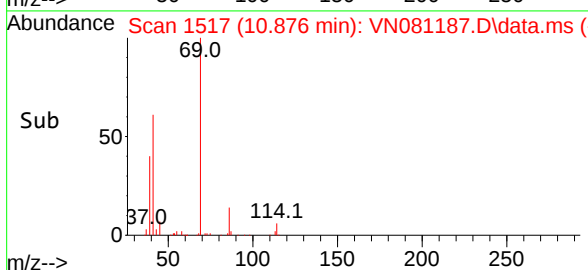
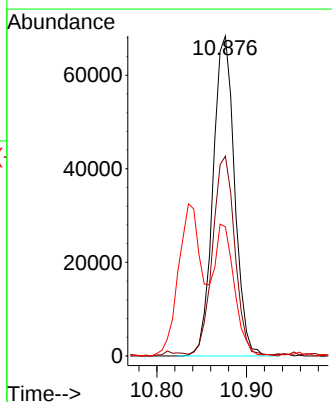
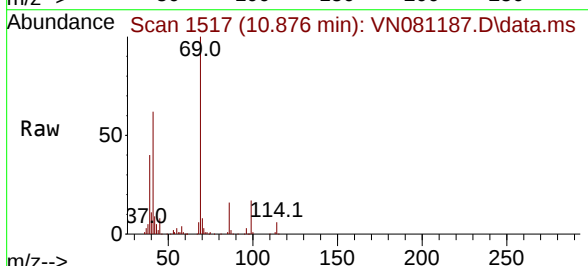
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#56
Ethyl methacrylate
Concen: 19.030 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Tgt Ion: 69 Resp: 114258

Ion	Ratio	Lower	Upper
69	100		
41	64.0	61.0	91.6
39	37.0	31.8	47.6





#57

1,3-Dichloropropane

Concen: 20.371 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBS01

Tgt Ion: 76 Resp: 138380

Ion Ratio Lower Upper

76 100

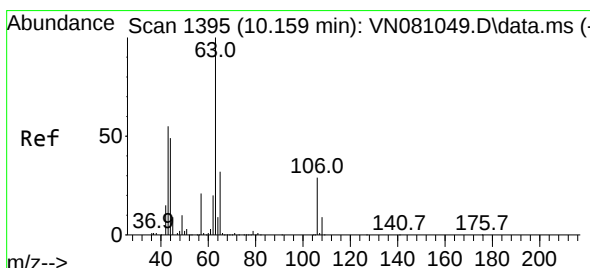
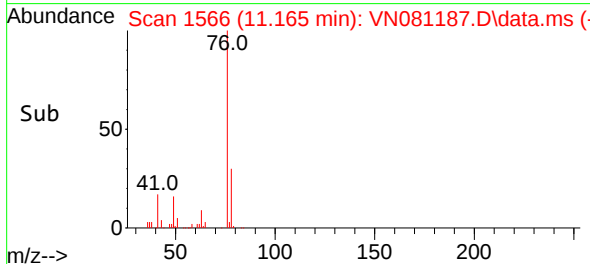
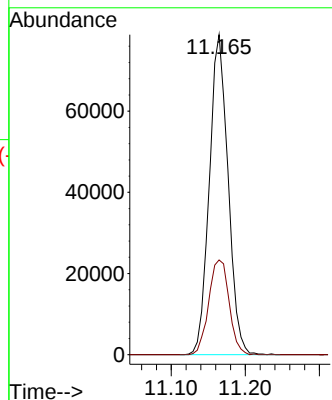
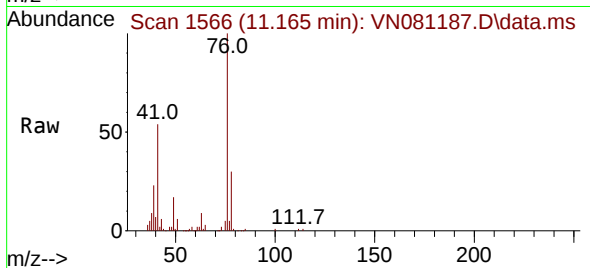
78 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#58

2-Chloroethyl Vinyl ether

Concen: 92.781 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081187.D

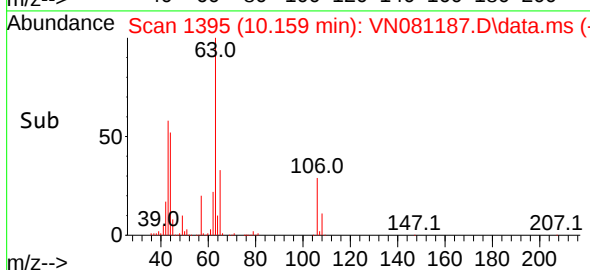
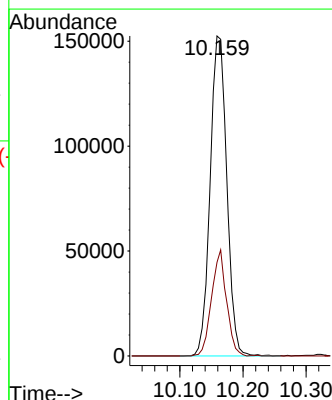
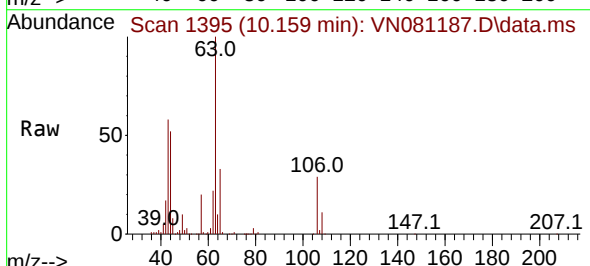
Acq: 26 Feb 2024 11:54

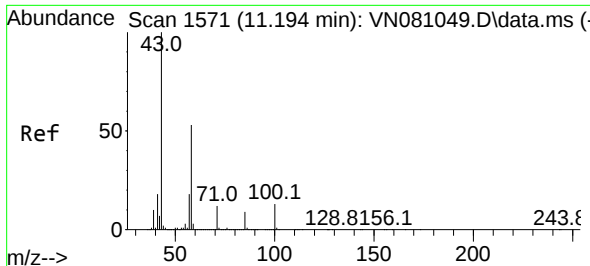
Tgt Ion: 63 Resp: 279511

Ion Ratio Lower Upper

63 100

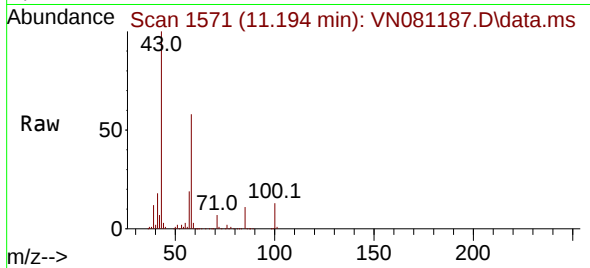
106 29.6 18.6 28.0#





#59
2-Hexanone
Concen: 87.804 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

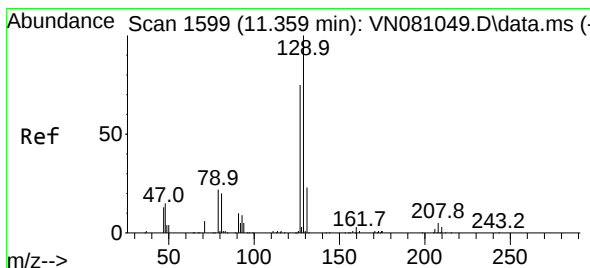
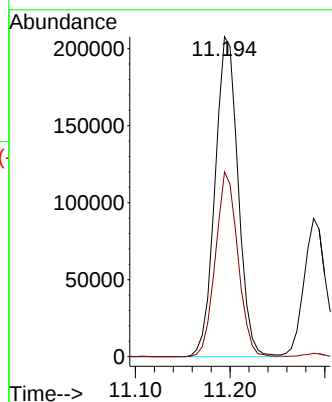
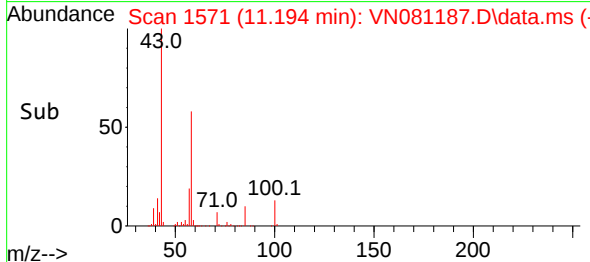
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 43 Resp: 35232
Ion Ratio Lower Upper
43 100
58 56.2 25.9 77.8

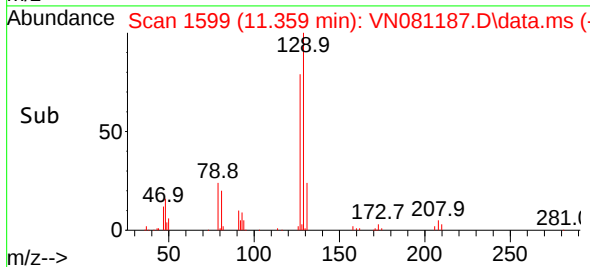
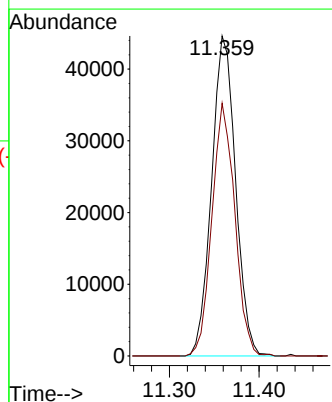
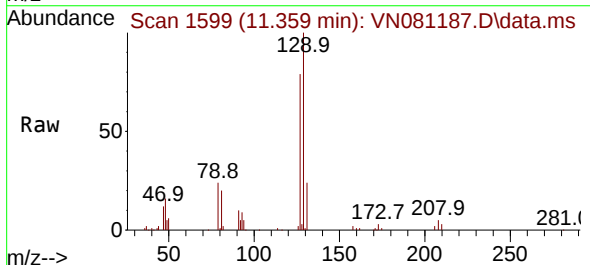
Manual Integrations
APPROVED

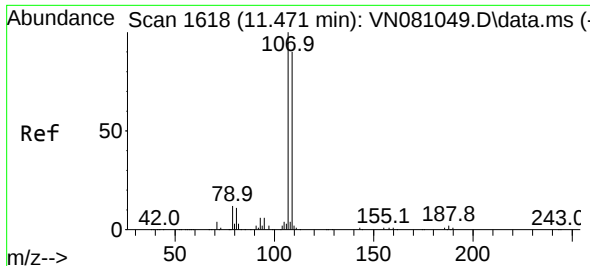
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#60
Dibromochloromethane
Concen: 19.849 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

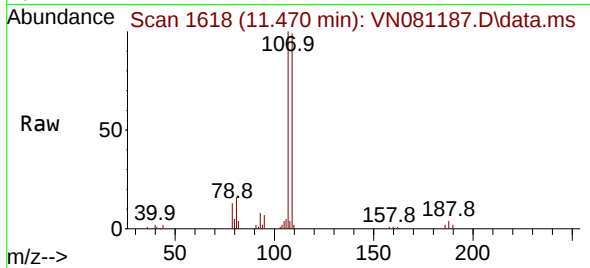
Tgt Ion:129 Resp: 82839
Ion Ratio Lower Upper
129 100
127 75.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.471 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

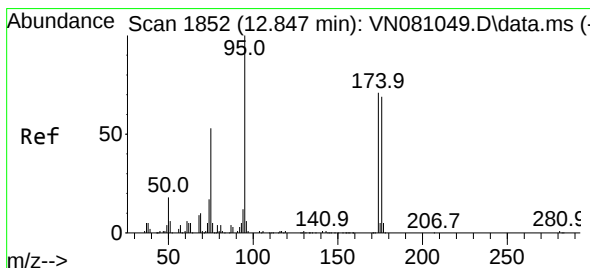
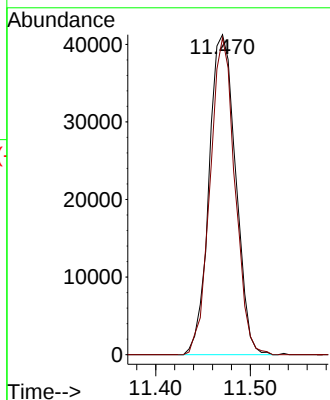
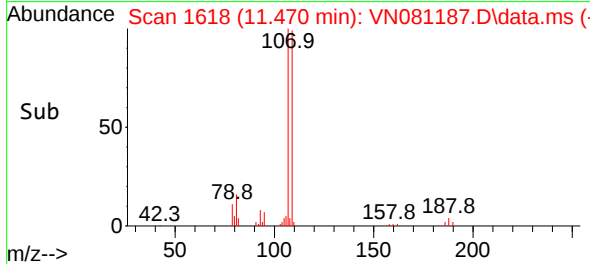
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



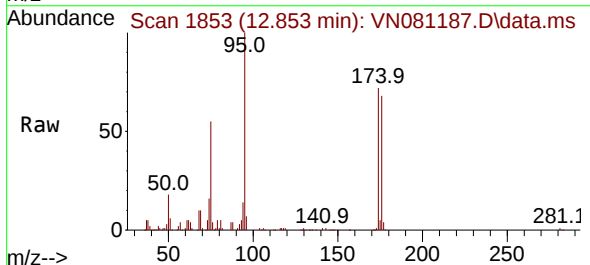
Tgt Ion:107 Resp: 80438
Ion Ratio Lower Upper
107 100
109 92.4 73.4 110.2

Manual Integrations
APPROVED

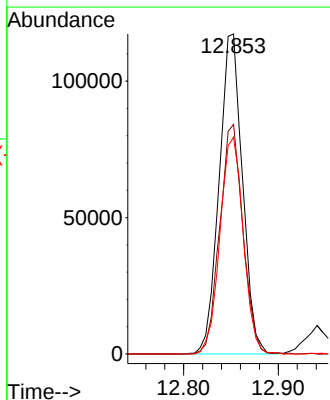
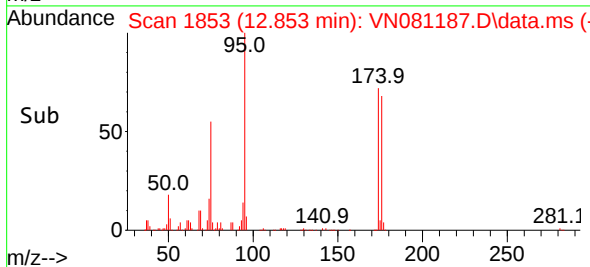
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

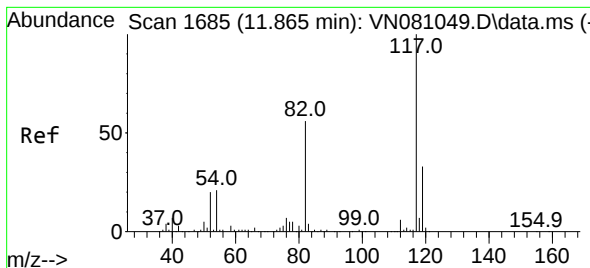


#62
4-Bromofluorobenzene
Concen: 46.238 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54



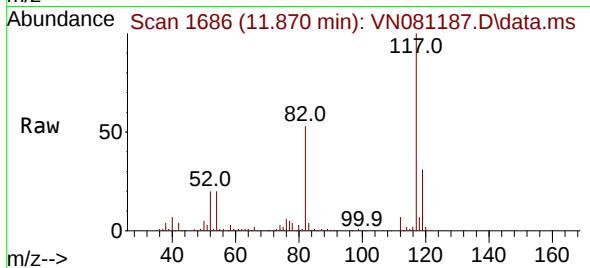
Tgt Ion: 95 Resp: 200777
Ion Ratio Lower Upper
95 100
174 71.5 0.0 120.4
176 67.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

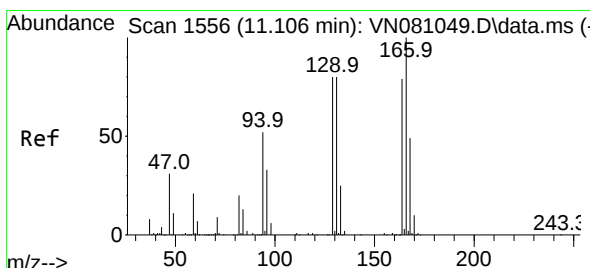
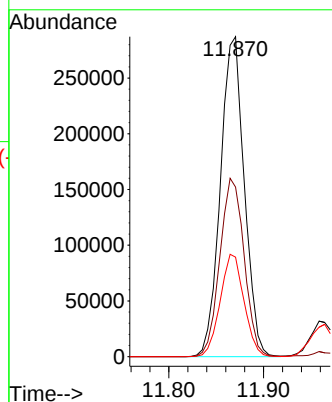
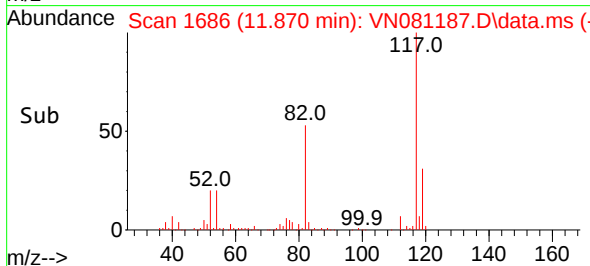
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion:117 Resp: 50400
Ion Ratio Lower Upper
117 100
82 53.0 52.7 79.1
119 31.1 25.3 37.9

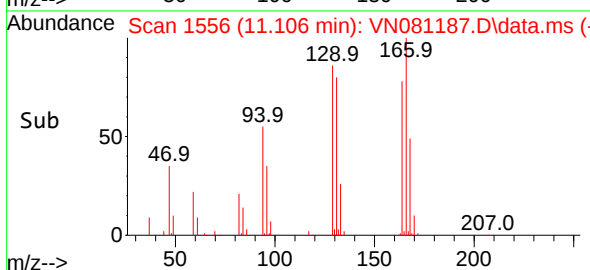
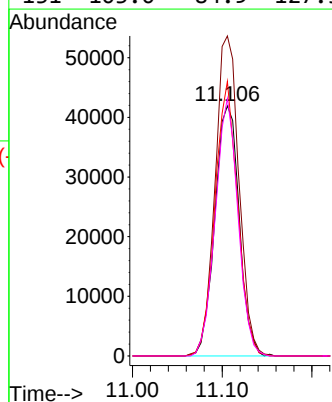
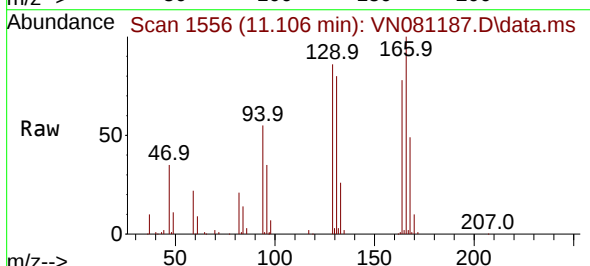
Manual Integrations
APPROVED

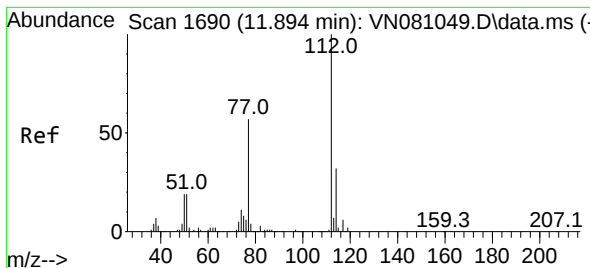
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#64
Tetrachloroethene
Concen: 22.923 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

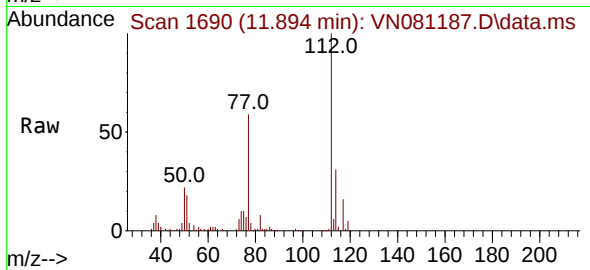
Tgt Ion:164 Resp: 78851
Ion Ratio Lower Upper
164 100
166 128.0 105.8 158.6
129 109.8 89.6 134.4
131 103.0 84.9 127.3





#65
Chlorobenzene
Concen: 19.599 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

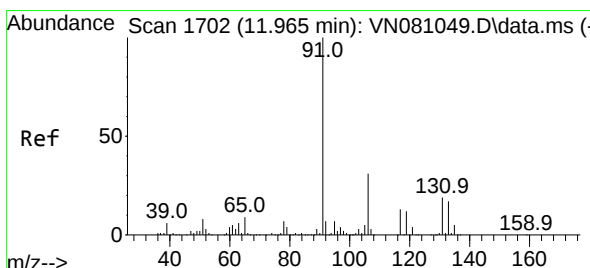
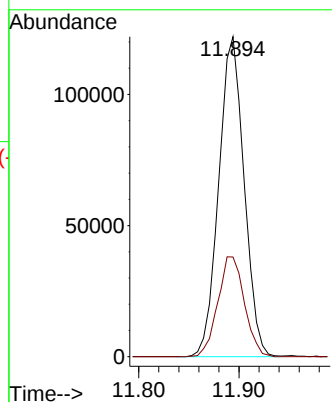
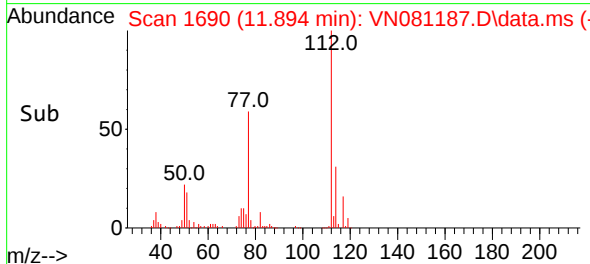
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion:112 Resp: 213780
Ion Ratio Lower Upper
112 100
114 31.2 23.7 35.5

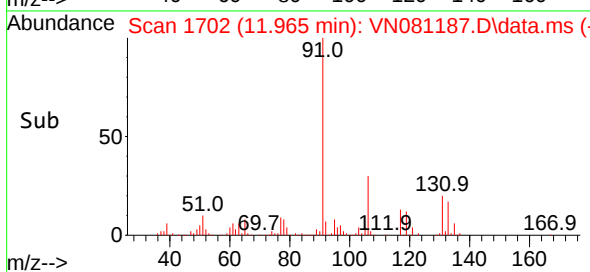
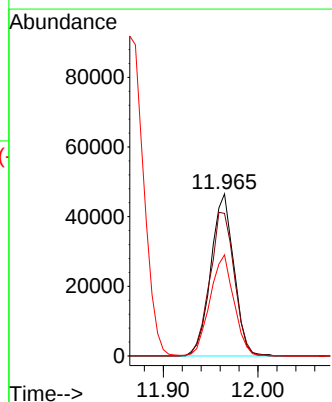
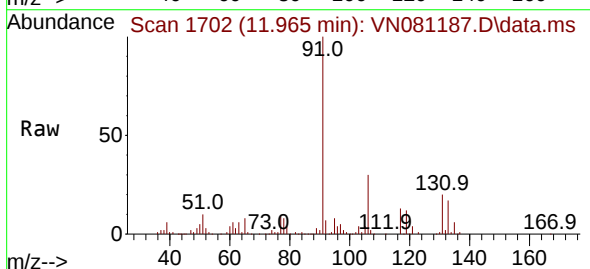
Manual Integrations
APPROVED

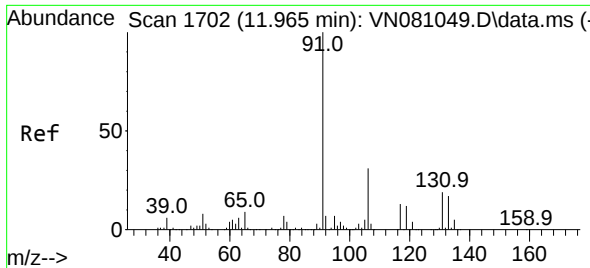
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.069 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

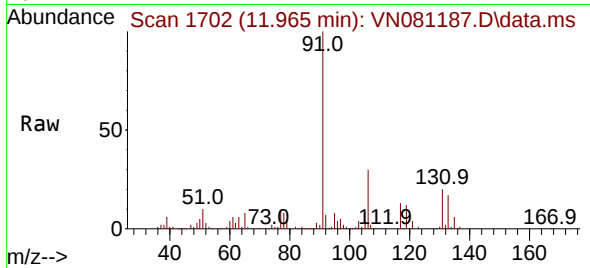
Tgt Ion:131 Resp: 78630
Ion Ratio Lower Upper
131 100
133 94.5 46.8 140.3
119 64.8 34.6 103.9





#67
Ethyl Benzene
Concen: 19.875 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

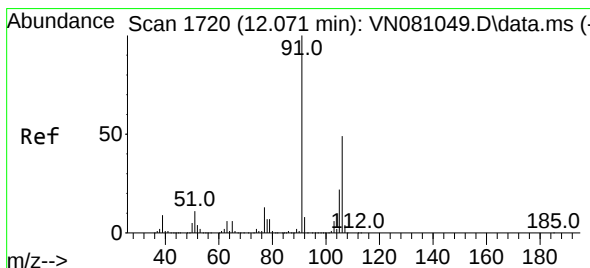
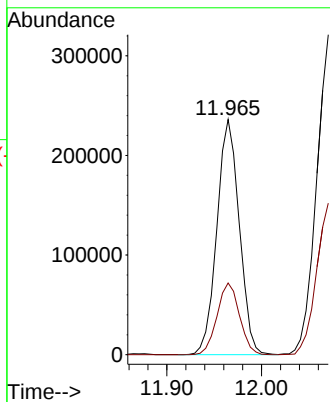
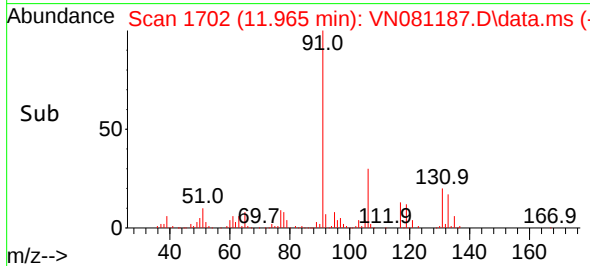
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



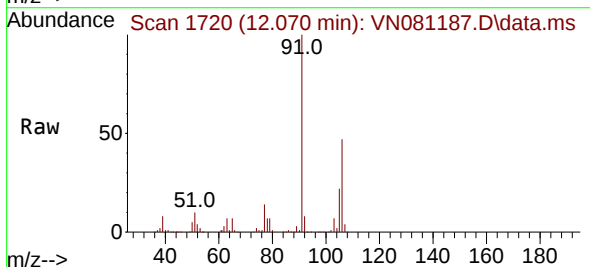
Tgt Ion: 91 Resp: 387930
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6

Manual Integrations
APPROVED

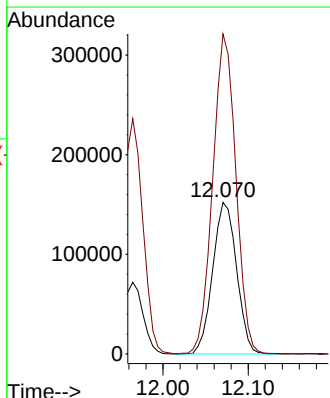
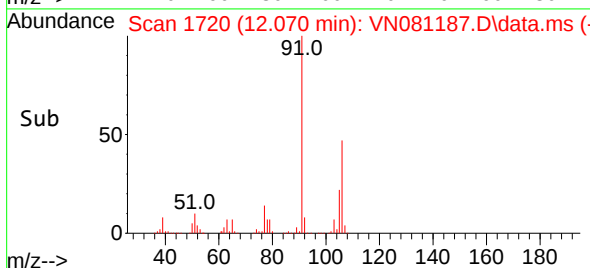
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

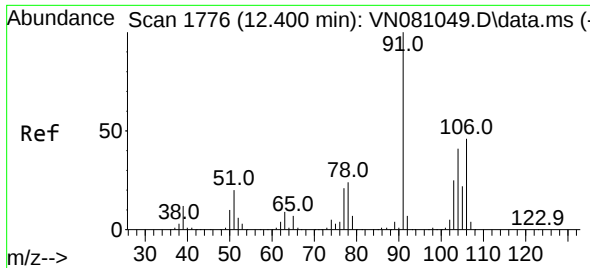


#68
m/p-Xylenes
Concen: 39.584 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54



Tgt Ion:106 Resp: 296153
Ion Ratio Lower Upper
106 100
91 205.1 169.0 253.6





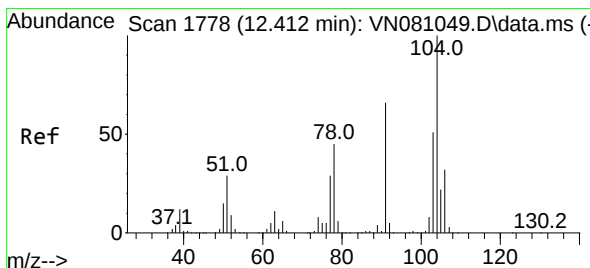
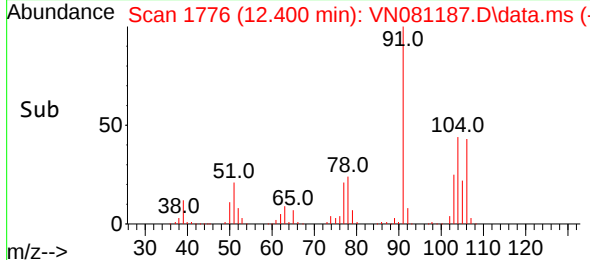
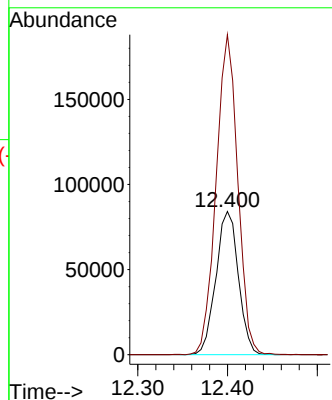
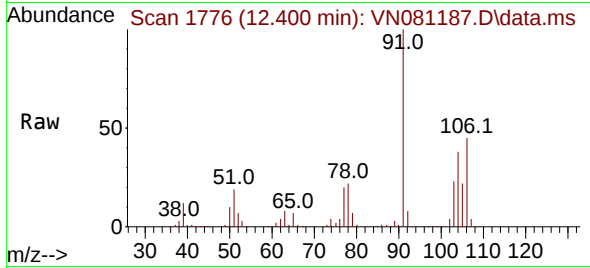
#69
o-Xylene
Concen: 19.736 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01

Tgt Ion:106 Resp: 146368
Ion Ratio Lower Upper
106 100
91 215.2 112.1 336.3

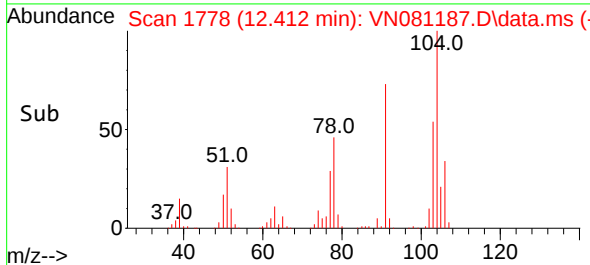
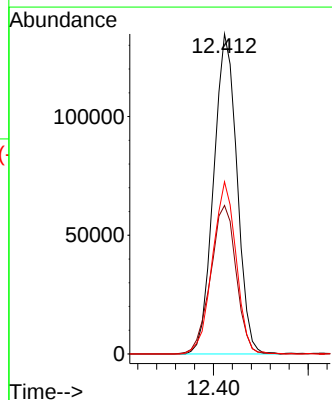
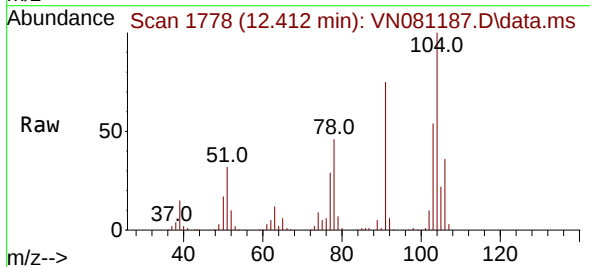
Manual Integrations
APPROVED

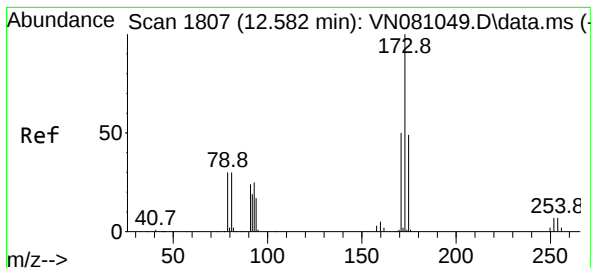
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#70
Styrene
Concen: 19.610 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Tgt Ion:104 Resp: 230452
Ion Ratio Lower Upper
104 100
78 50.8 43.8 65.8
103 54.6 44.2 66.2





#71

Bromoform

Concen: 19.614 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBS01

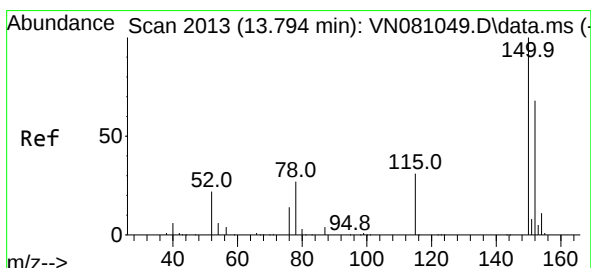
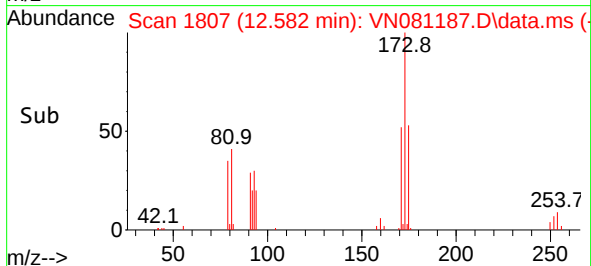
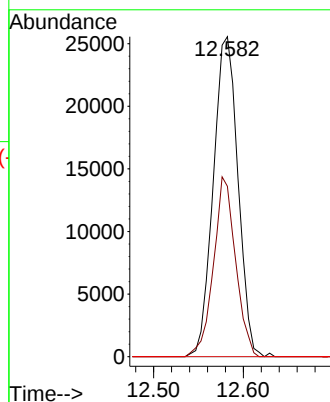
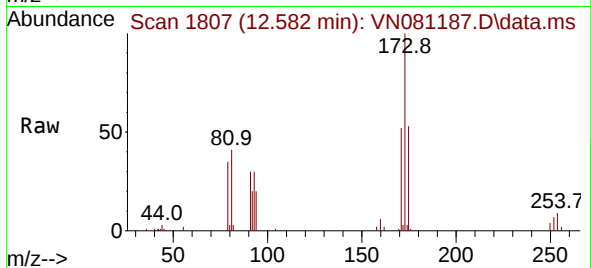
Tgt Ion:	173	Resp:	4875
Ion Ratio	Lower	Upper	
173	100		
175	50.4	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

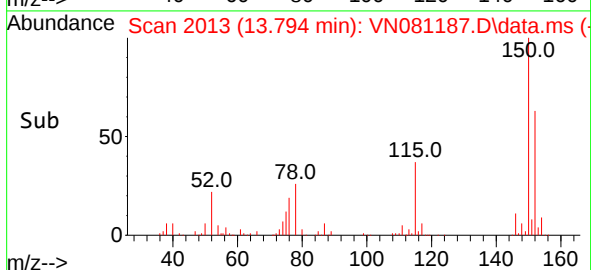
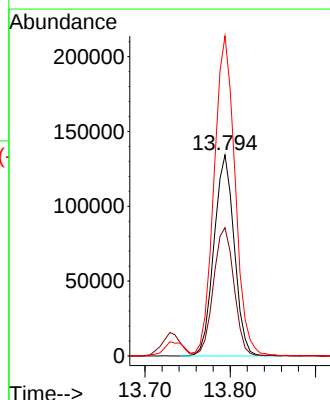
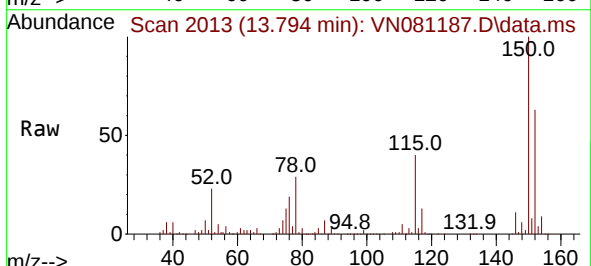
RT: 13.794 min Scan# 2013

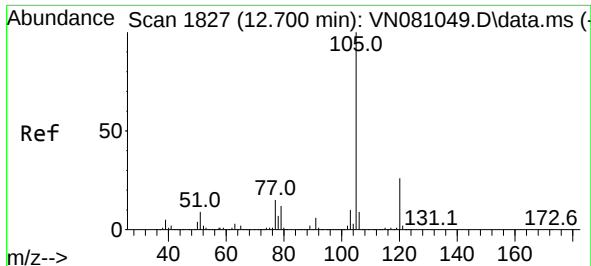
Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

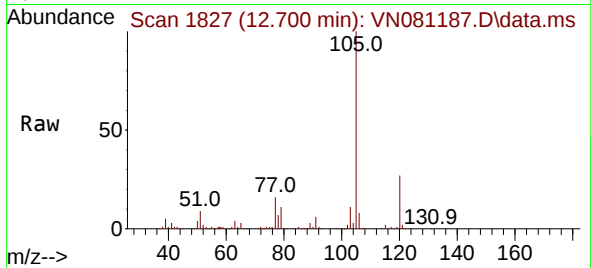
Tgt Ion:	152	Resp:	221502
Ion Ratio	Lower	Upper	
152	100		
115	64.7	32.3	96.8
150	165.6	0.0	339.8





#73
Isopropylbenzene
Concen: 19.463 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

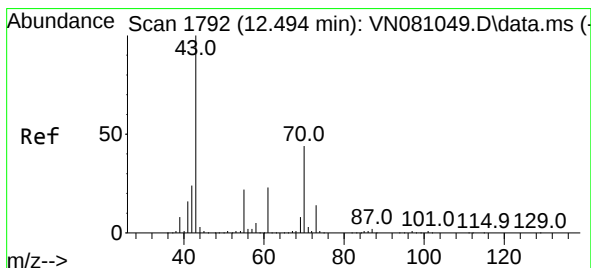
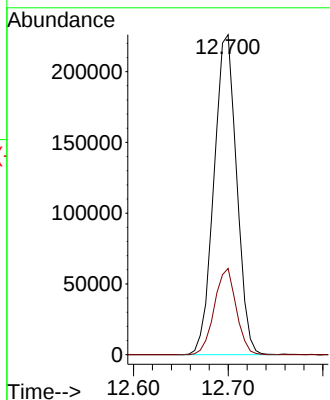
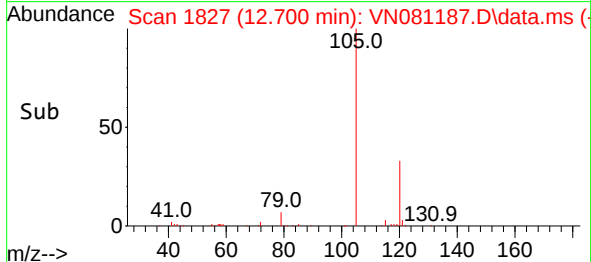
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion:105 Resp: 37718
Ion Ratio Lower Upper
105 100
120 25.9 12.6 37.6

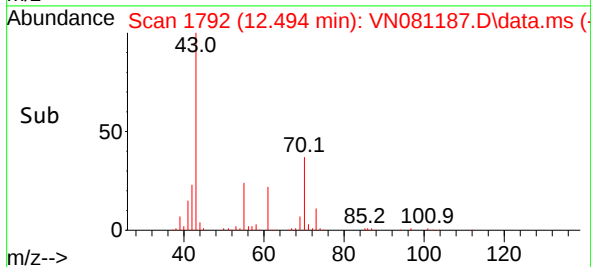
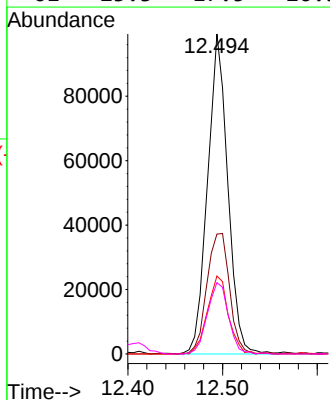
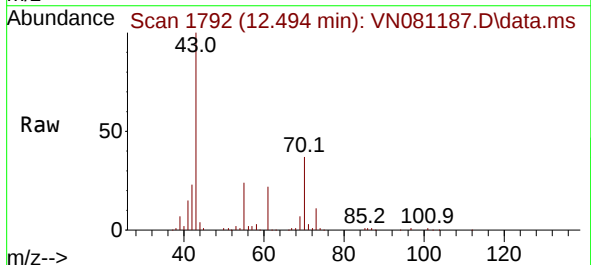
Manual Integrations
APPROVED

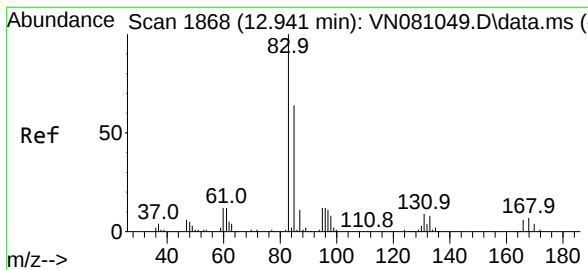
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#74
N-ethyl acetate
Concen: 18.002 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

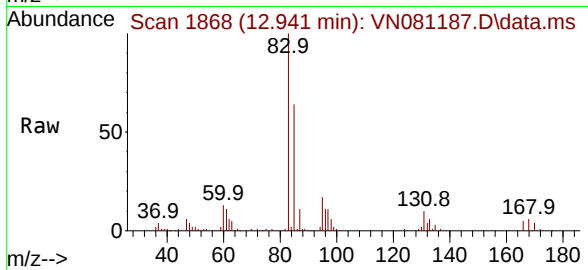
Tgt Ion: 43 Resp: 147446
Ion Ratio Lower Upper
43 100
70 42.2 30.1 45.1
55 25.5 17.0 25.4#
61 23.3 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.937 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

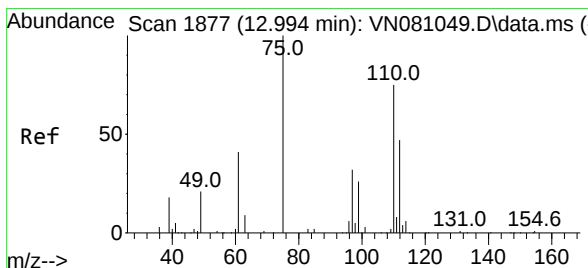
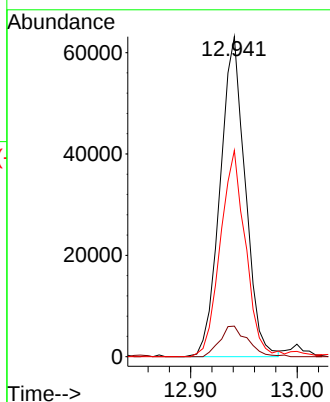
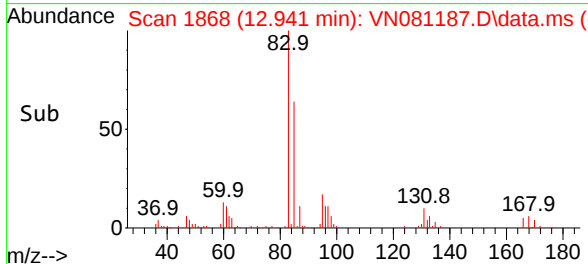
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 83 Resp: 10319
Ion Ratio Lower Upper
83 100
131 10.6 4.1 12.3
85 64.9 32.1 96.3

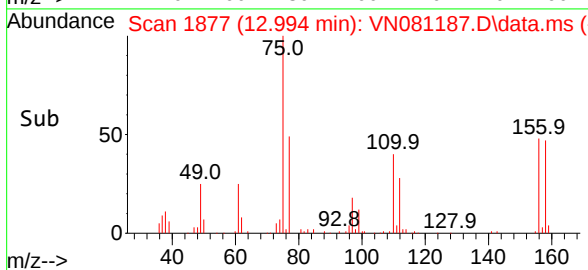
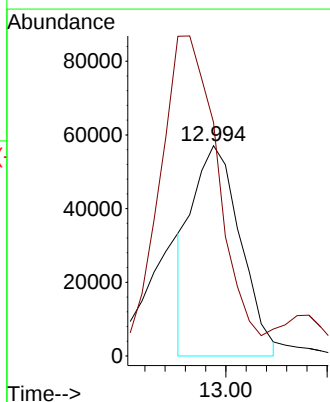
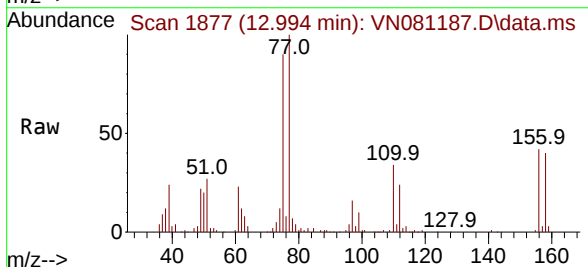
Manual Integrations
APPROVED

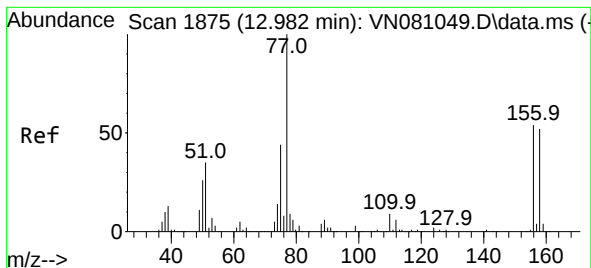
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#76
1,2,3-Trichloropropane
Concen: 18.753 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Tgt Ion: 75 Resp: 94376
Ion Ratio Lower Upper
75 100
77 187.5 91.0 272.8





#77

Bromobenzene

Concen: 19.278 ug/l

RT: 12.988 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBS01

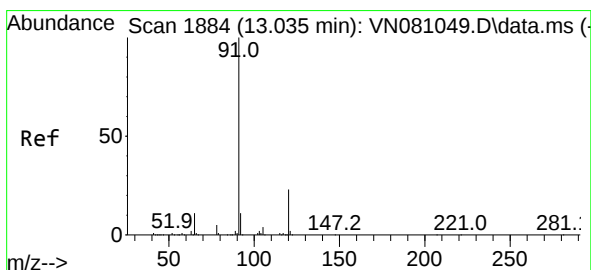
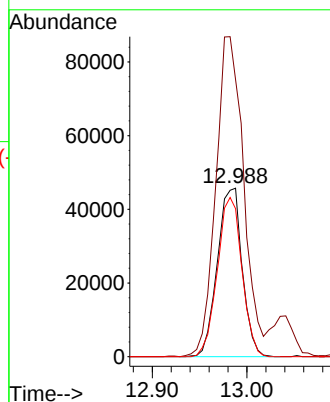
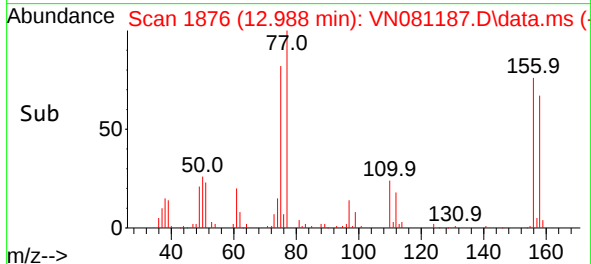
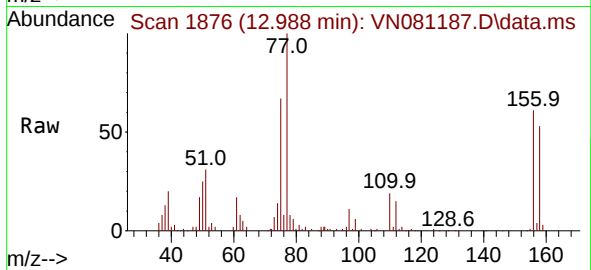
Tgt Ion:	156	Resp:	83302
Ion Ratio	Lower	Upper	
156	100		
77	212.4	138.1	414.3
158	93.5	46.5	139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#78

n-propylbenzene

Concen: 19.762 ug/l

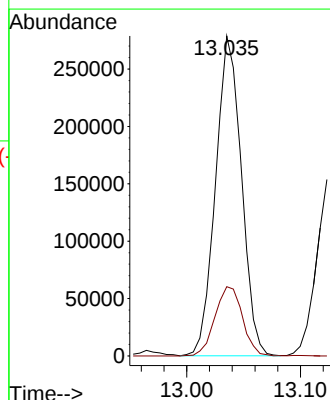
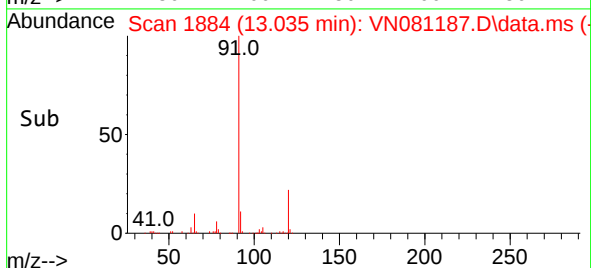
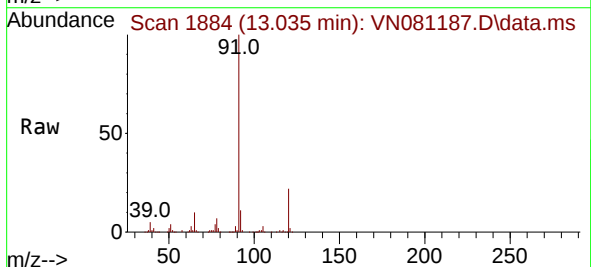
RT: 13.035 min Scan# 1884

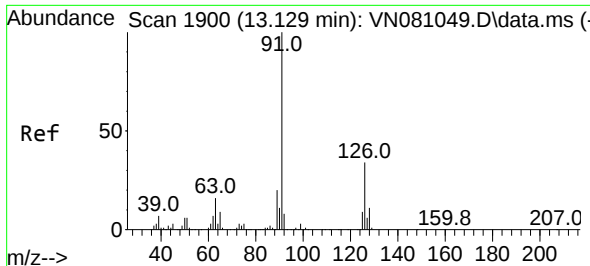
Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

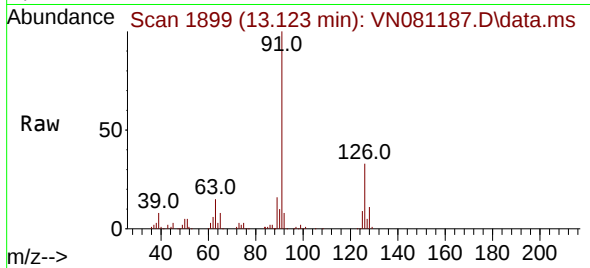
Tgt Ion:	91	Resp:	440885
Ion Ratio	Lower	Upper	
91	100		
120	23.0	10.3	30.9





#79
2-Chlorotoluene
Concen: 19.220 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

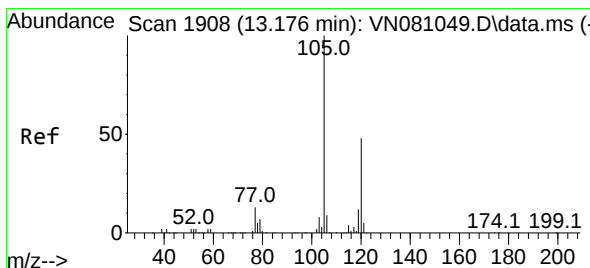
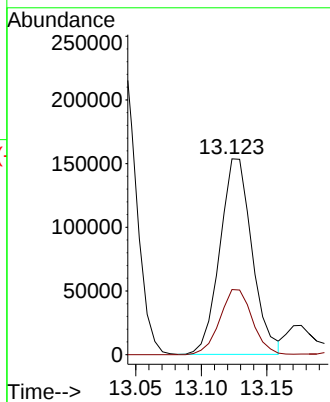
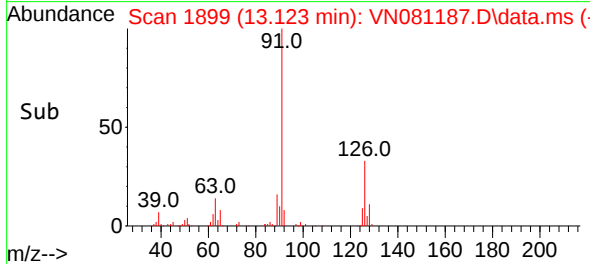
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



Tgt Ion: 91 Resp: 263000
Ion Ratio Lower Upper
91 100
126 33.6 14.8 44.4

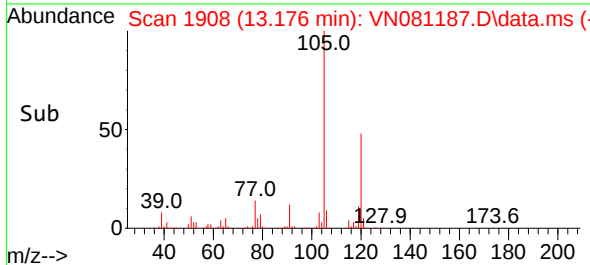
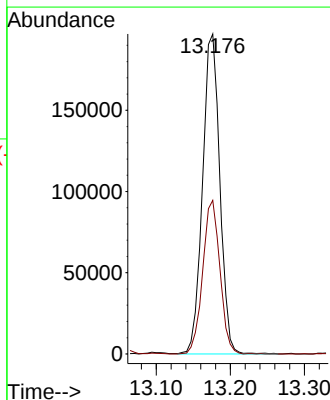
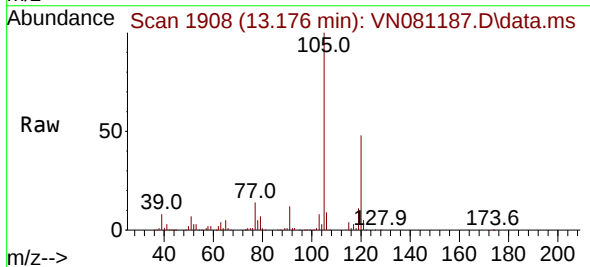
Manual Integrations
APPROVED

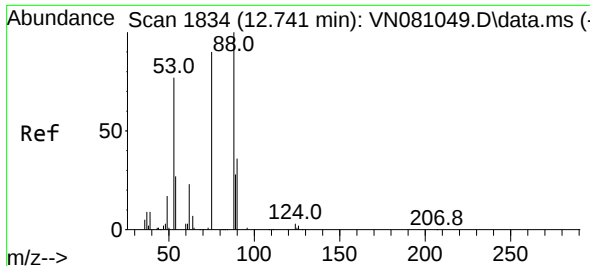
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.259 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

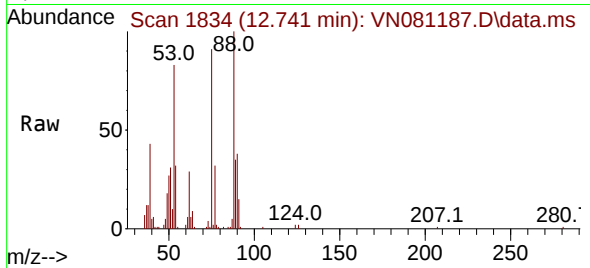
Tgt Ion:105 Resp: 318333
Ion Ratio Lower Upper
105 100
120 48.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.547 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

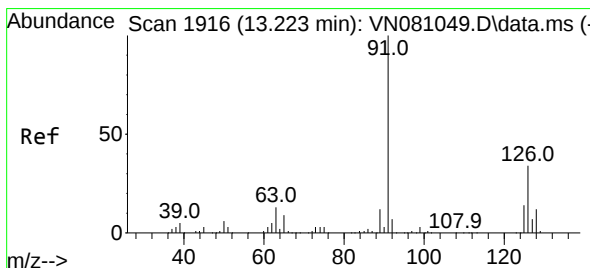
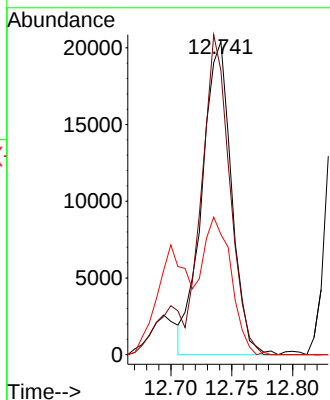
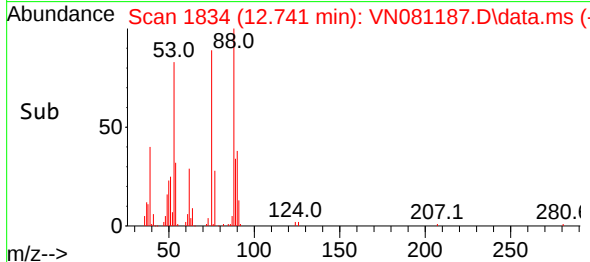
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



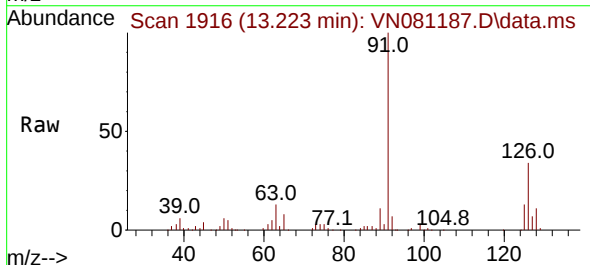
Tgt Ion: 75 Resp: 34308
Ion Ratio Lower Upper
75 100
53 95.2 71.4 107.2
89 43.4 33.4 50.0

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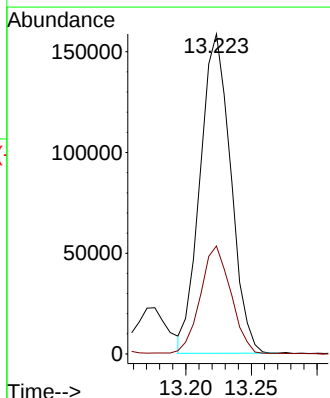
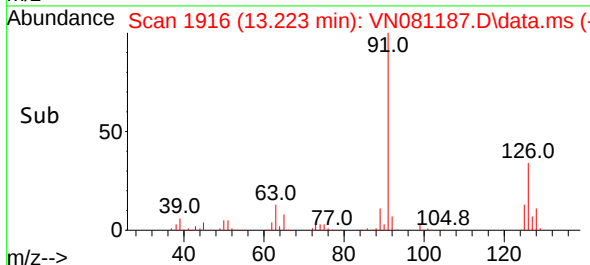
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

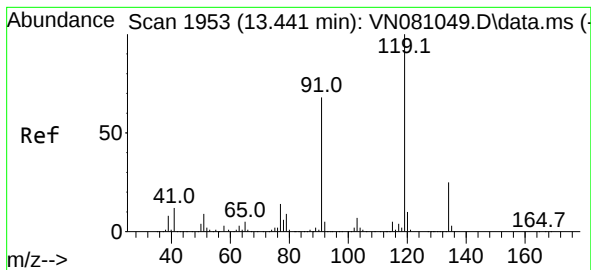


#82
4-Chlorotoluene
Concen: 19.209 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54



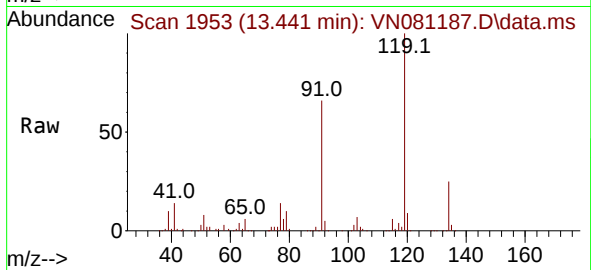
Tgt Ion: 91 Resp: 257016
Ion Ratio Lower Upper
91 100
126 34.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 19.739 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

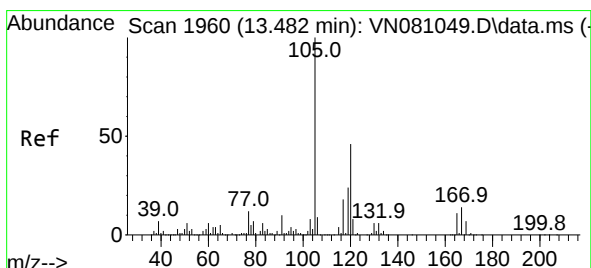
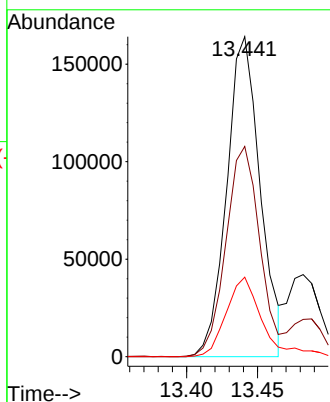
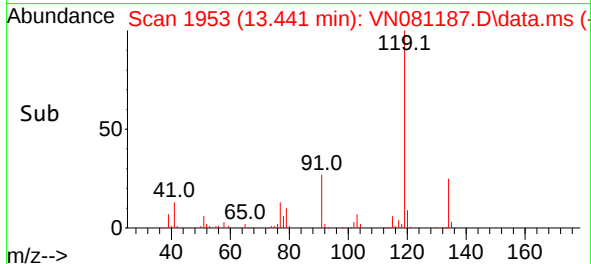
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



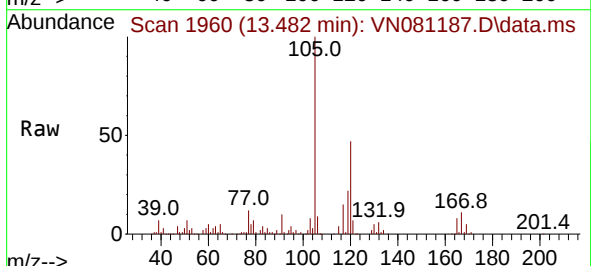
Tgt Ion:119 Resp: 268190
Ion Ratio Lower Upper
119 100
91 68.0 36.8 110.4
134 26.9 12.4 37.4

Manual Integrations
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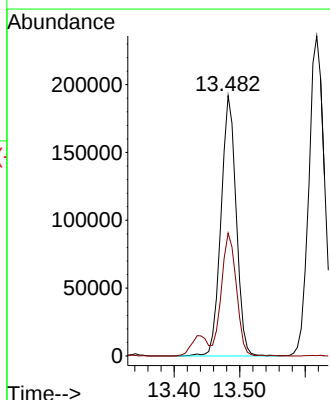
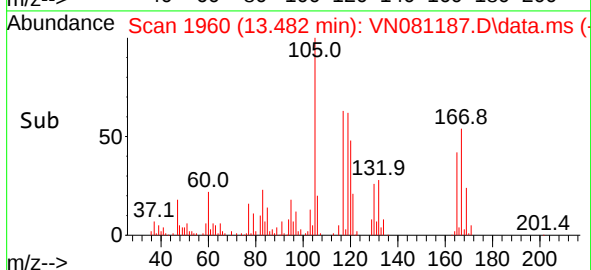
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024

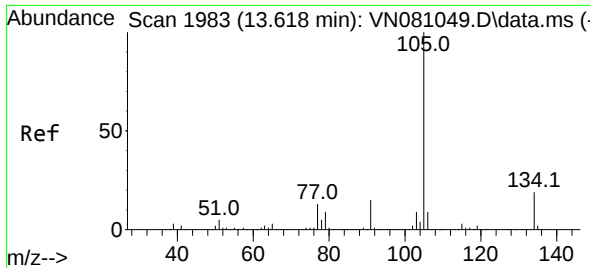


#84
1,2,4-Trimethylbenzene
Concen: 19.640 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54



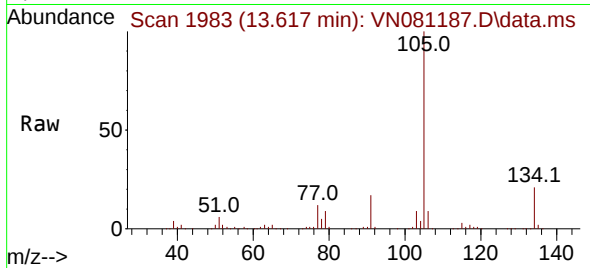
Tgt Ion:105 Resp: 307522
Ion Ratio Lower Upper
105 100
120 47.0 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 20.499 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081187.D
 Acq: 26 Feb 2024 11:54

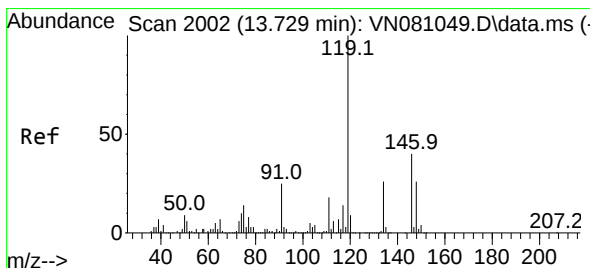
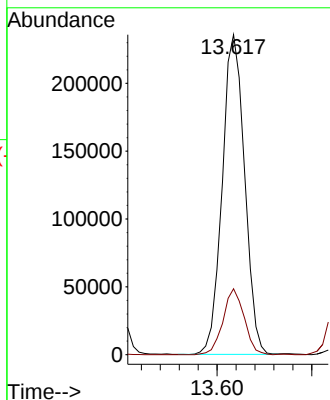
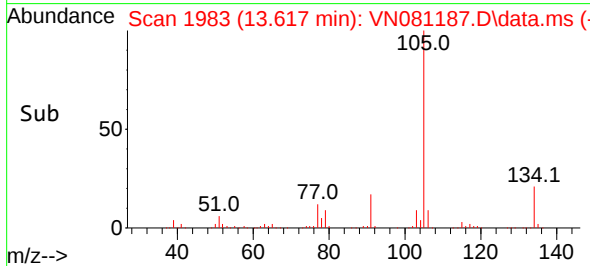
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBS01



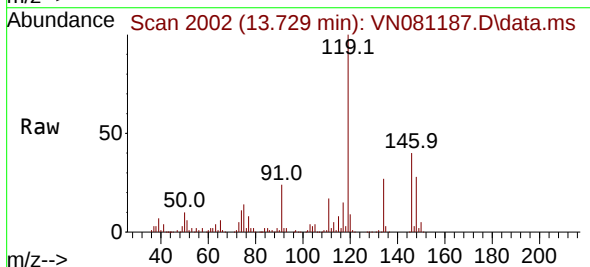
Tgt Ion:105 Resp: 387194
 Ion Ratio Lower Upper
 105 100
 134 19.5 8.6 25.8

Manual Integrations
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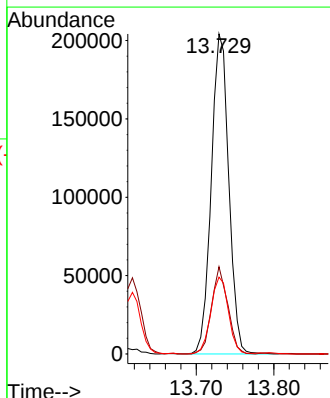
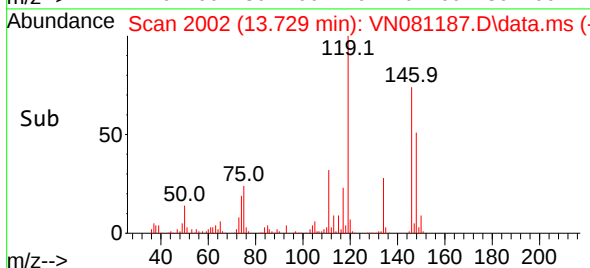
Reviewed By :John Carlone 02/27/2024
 Supervised By :Mahesh Dadoda 02/27/2024

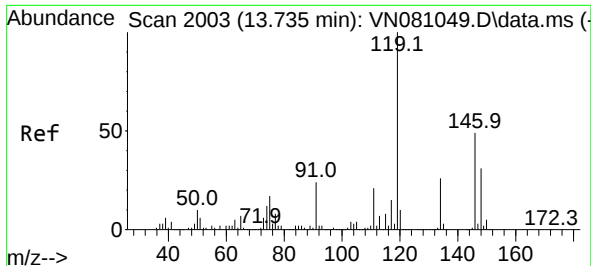


#86
 p-Isopropyltoluene
 Concen: 20.414 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081187.D
 Acq: 26 Feb 2024 11:54



Tgt Ion:119 Resp: 320276
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.4 37.2
 91 24.2 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 19.488 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBS01

Tgt Ion:146 Resp: 159114

Ion Ratio Lower Upper

146 100

111 41.7 23.9 71.7

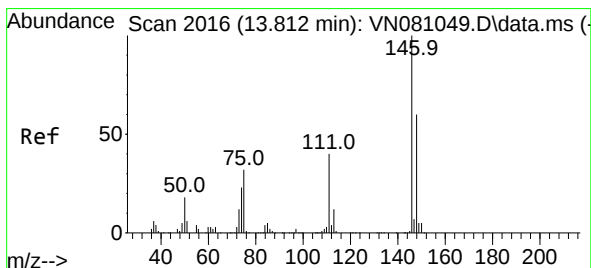
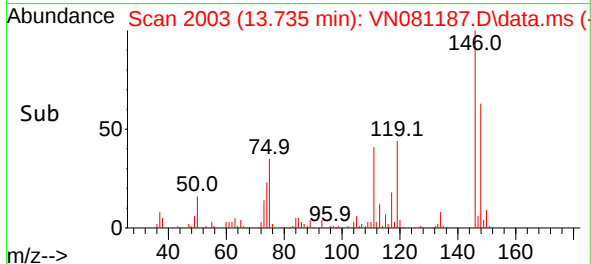
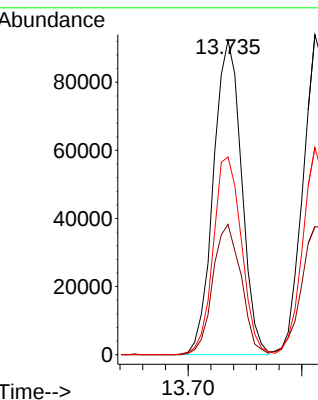
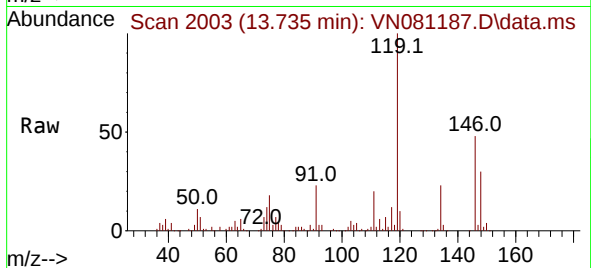
148 63.0 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#88

1,4-Dichlorobenzene

Concen: 19.455 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

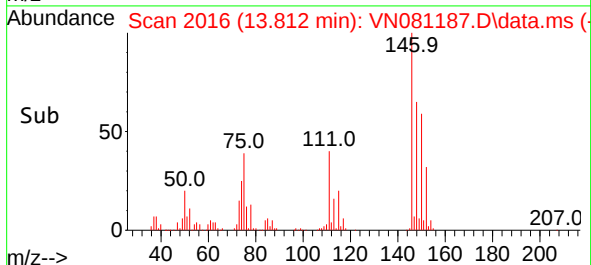
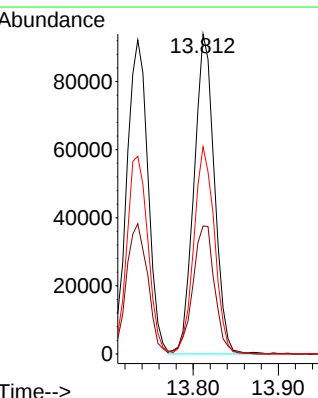
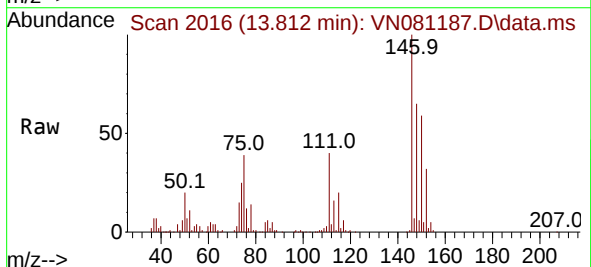
Tgt Ion:146 Resp: 156083

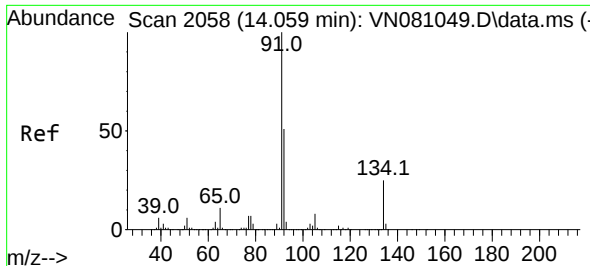
Ion Ratio Lower Upper

146 100

111 43.1 22.6 67.7

148 65.5 31.9 95.5





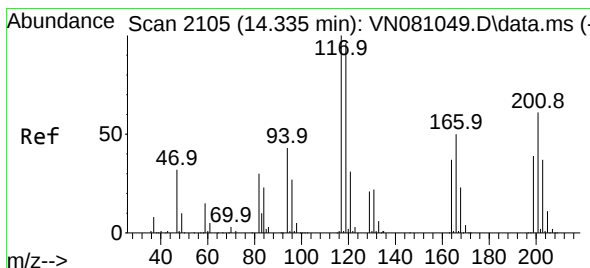
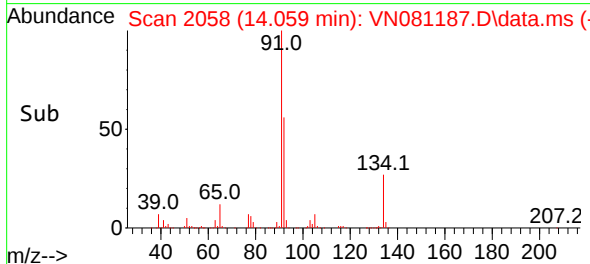
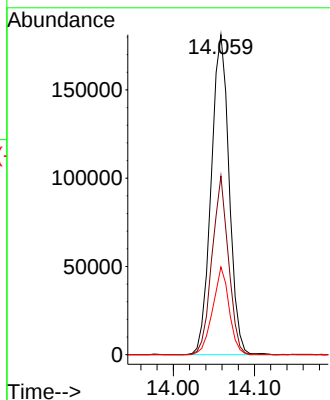
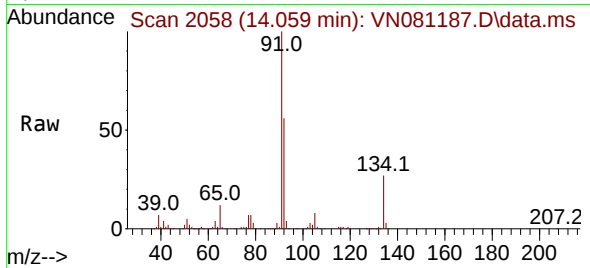
#89
n-Butylbenzene
Concen: 20.363 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01

Tgt Ion: 91 Resp: 27832
Ion Ratio Lower Upper
91 100
92 51.2 26.7 80.1
134 25.1 10.8 32.4

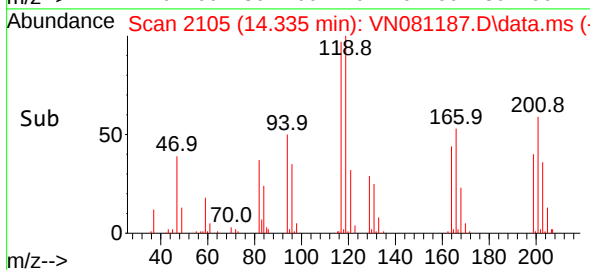
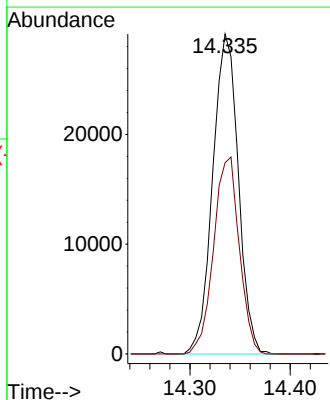
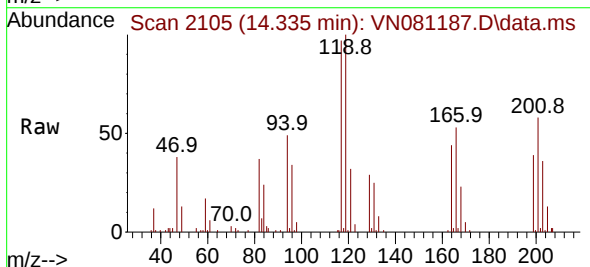
Manual Integrations
APPROVED

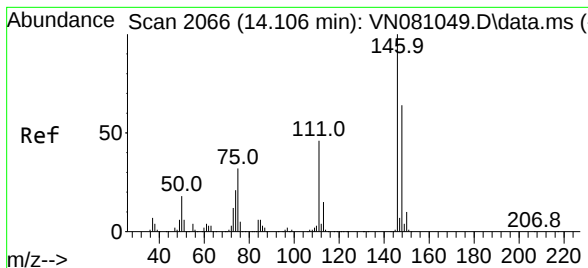
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#90
Hexachloroethane
Concen: 19.872 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Tgt Ion:117 Resp: 51534
Ion Ratio Lower Upper
117 100
201 61.7 30.0 90.0





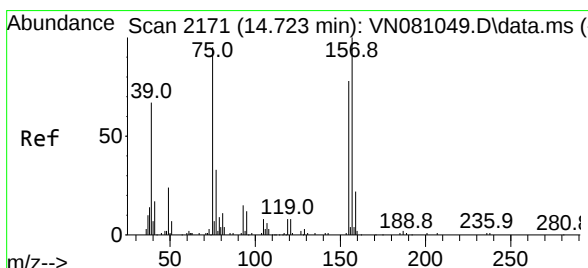
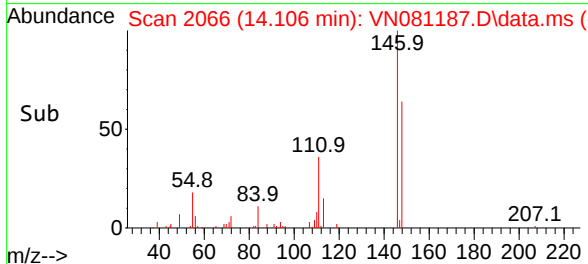
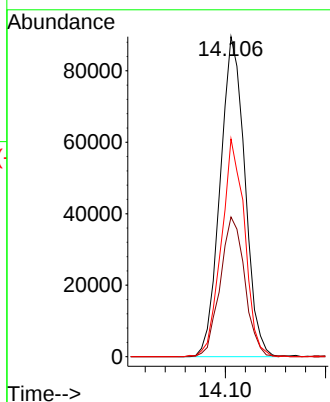
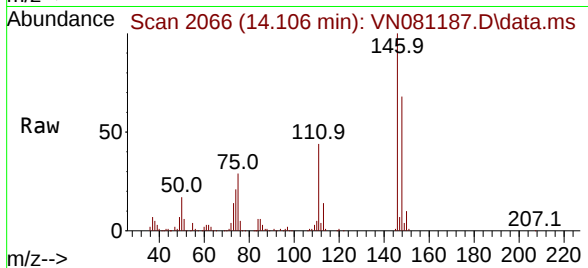
#91
1,2-Dichlorobenzene
Concen: 19.407 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01

Tgt Ion:146 Resp: 152820
Ion Ratio Lower Upper
146 100
111 43.4 23.9 71.8
148 64.1 31.4 94.0

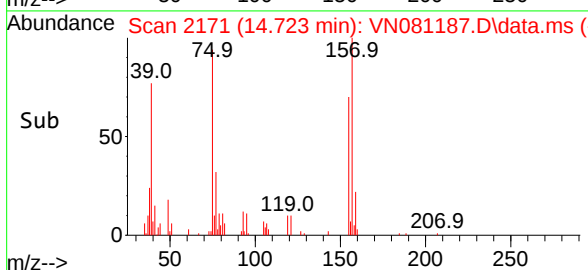
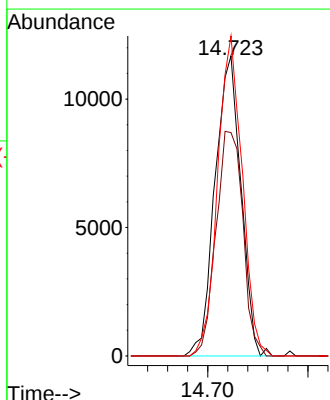
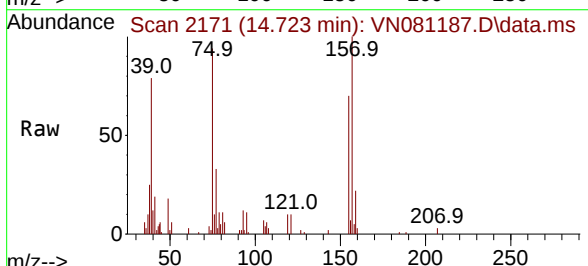
Manual Integrations
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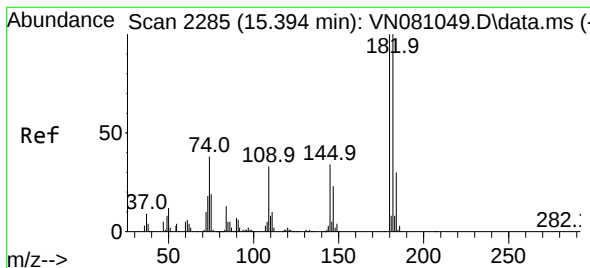
Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.500 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

Tgt Ion: 75 Resp: 20960
Ion Ratio Lower Upper
75 100
155 77.6 31.8 95.4
157 100.8 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.029 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBS01

Tgt Ion:180 Resp: 83600

Ion Ratio Lower Upper

180 100

182 93.6 46.6 139.7

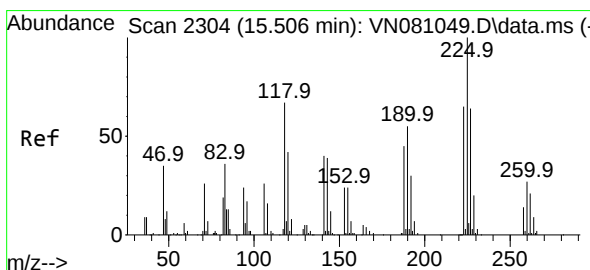
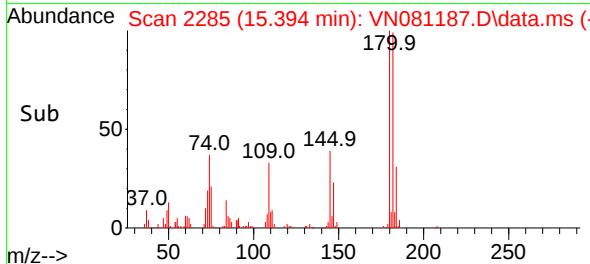
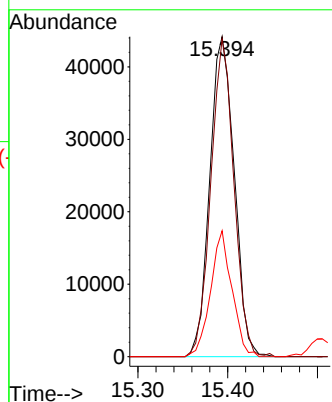
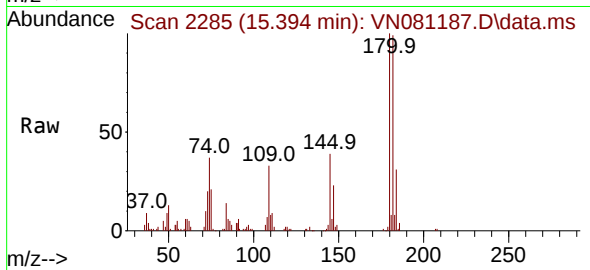
145 34.4 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2024

Supervised By :Mahesh Dadoda 02/27/2024



#94

Hexachlorobutadiene

Concen: 19.511 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.006 min

Lab File: VN081187.D

Acq: 26 Feb 2024 11:54

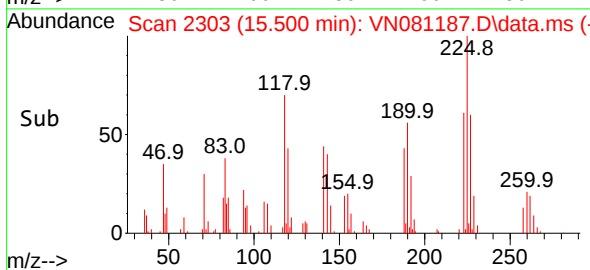
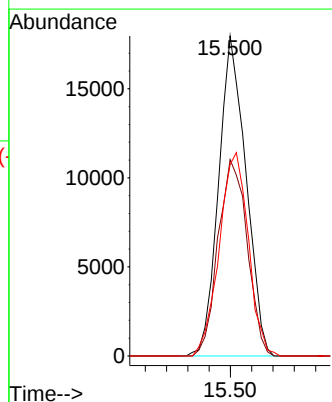
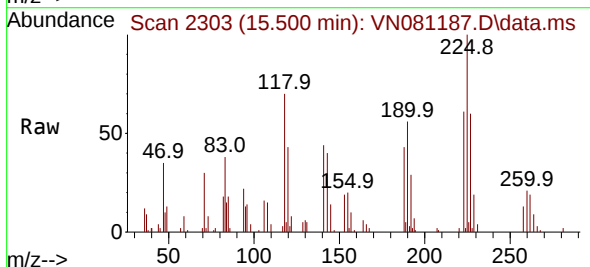
Tgt Ion:225 Resp: 31967

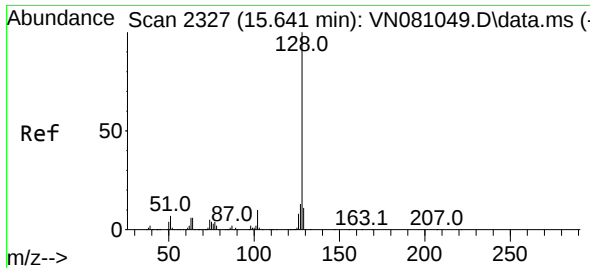
Ion Ratio Lower Upper

225 100

223 65.3 33.3 99.8

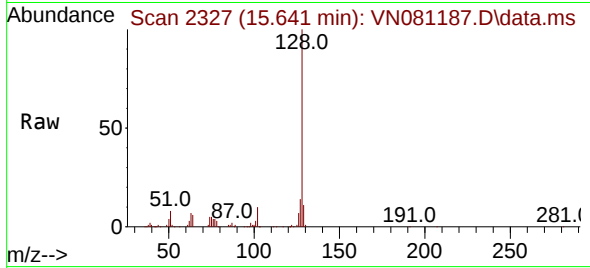
227 67.5 33.1 99.2





#95
Naphthalene
Concen: 18.162 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54

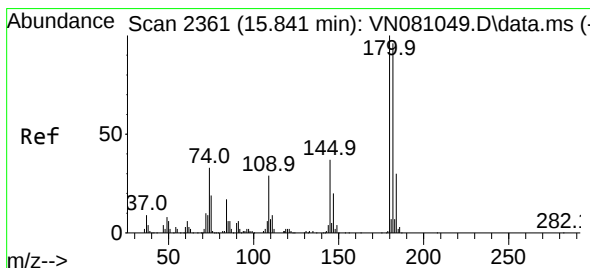
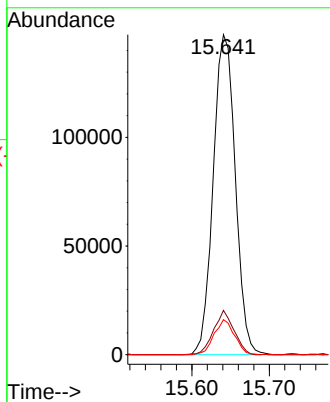
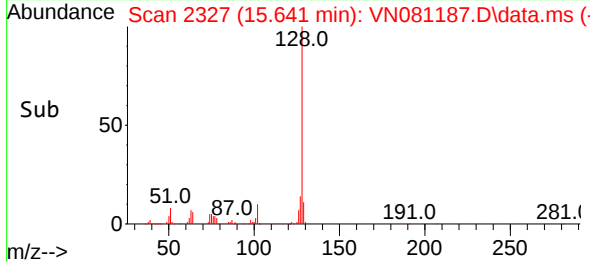
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBS01



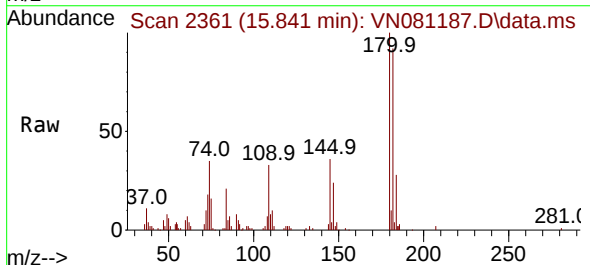
Tgt Ion:128 Resp: 292398
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2024
Supervised By :Mahesh Dadoda 02/27/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.125 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081187.D
Acq: 26 Feb 2024 11:54



Tgt Ion:180 Resp: 83352
Ion Ratio Lower Upper
180 100
182 94.3 46.5 139.3
145 33.5 17.8 53.4

