

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075457.D
 Acq On : 28 Nov 2022 18:35
 Operator : JC\MD
 Sample : N5756-10MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117MS

Quant Time: Nov 29 05:33:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	147926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	244531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	41619	52.414	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.820%			
35) Dibromofluoromethane	8.177	113	51133	53.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.460%			
50) Toluene-d8	10.571	98	116744	53.960	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.920%			
62) 4-Bromofluorobenzene	12.853	95	86387	54.096	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	50585	44.721	ug/l	98
3) Chloromethane	2.371	50	62235	44.218	ug/l	95
4) Vinyl Chloride	2.524	62	84660	47.728	ug/l	97
5) Bromomethane	2.930	94	83517	53.542	ug/l	97
6) Chloroethane	3.112	64	66182	49.240	ug/l	94
7) Trichlorofluoromethane	3.500	101	117189	46.246	ug/l	98
8) Diethyl Ether	3.971	74	43671	49.170	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	69623	49.769	ug/l	96
10) Methyl Iodide	4.595	142	107367	47.364	ug/l	97
11) Tert butyl alcohol	5.542	59	81934	245.803	ug/l	100
12) 1,1-Dichloroethene	4.347	96	66711	48.699	ug/l	88
13) Acrolein	4.189	56	83788	288.540	ug/l	100
14) Allyl chloride	5.036	41	77405	43.684	ug/l	93
15) Acrylonitrile	5.730	53	199619	261.024	ug/l	99
16) Acetone	4.442	43	159445	215.277	ug/l	94
17) Carbon Disulfide	4.724	76	147387	41.400	ug/l	100
18) Methyl Acetate	5.036	43	99475	53.363	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	237237	48.887	ug/l	96
20) Methylene Chloride	5.283	84	76164	50.730	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	71039	45.504	ug/l	93
22) Diisopropyl ether	6.683	45	196725	48.651	ug/l	99
23) Vinyl Acetate	6.612	43	758406m	235.755	ug/l	
24) 1,1-Dichloroethane	6.583	63	128487	49.504	ug/l	98
25) 2-Butanone	7.488	43	256646	248.197	ug/l	99
26) 2,2-Dichloropropane	7.494	77	104794	43.444	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	90017	50.993	ug/l	92
28) Bromochloromethane	7.818	49	54285	51.526	ug/l #	80
29) Tetrahydrofuran	7.847	42	167250	265.910	ug/l	97
30) Chloroform	7.971	83	145508	48.819	ug/l	96
31) Cyclohexane	8.259	56	109110	43.250	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	132248	48.867	ug/l	97
36) 1,1-Dichloropropene	8.377	75	100930	48.180	ug/l	97
37) Ethyl Acetate	7.565	43	97472	51.675	ug/l	99
38) Carbon Tetrachloride	8.365	117	115849	50.342	ug/l	100
39) Methylcyclohexane	9.600	83	129650	49.451	ug/l	97
40) Benzene	8.612	78	316186	49.298	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	51596	53.503	ug/l	97
42) 1,2-Dichloroethane	8.677	62	107537	50.063	ug/l	96
43) Isopropyl Acetate	8.694	43	152994	50.532	ug/l	96
44) Trichloroethene	9.353	130	87794	50.026	ug/l	97
45) 1,2-Dichloropropane	9.624	63	75724	49.543	ug/l	99
46) Dibromomethane	9.712	93	58383	50.501	ug/l	90
47) Bromodichloromethane	9.888	83	111295	49.712	ug/l	98
48) Methyl methacrylate	9.682	41	73592	52.566	ug/l	96
49) 1,4-Dioxane	9.700	88	45296	1139.431	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	518513	268.884	ug/l	97
52) Toluene	10.635	92	212061	51.308	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	112462	50.037	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	118807	48.670	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	83971	49.882	ug/l	93
56) Ethyl methacrylate	10.876	69	122469	53.871	ug/l	95
57) 1,3-Dichloropropane	11.165	76	137648	50.148	ug/l	100
59) 2-Hexanone	11.200	43	395610	273.205	ug/l	98
60) Dibromochloromethane	11.359	129	95017	54.990	ug/l	100
61) 1,2-Dibromoethane	11.471	107	89113	51.003	ug/l	99
64) Tetrachloroethene	11.106	164	83428	48.325	ug/l	87
65) Chlorobenzene	11.894	112	228369	48.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	87793	50.385	ug/l	99
67) Ethyl Benzene	11.965	91	406745	51.066	ug/l	98
68) m/p-Xylenes	12.070	106	331534	102.499	ug/l	99
69) o-Xylene	12.400	106	161496	50.252	ug/l	99
70) Styrene	12.412	104	265398	52.350	ug/l	99
71) Bromoform	12.582	173	72042	54.324	ug/l #	99
73) Isopropylbenzene	12.700	105	425651	49.382	ug/l	98
74) N-amyl acetate	12.494	43	132687	50.072	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	131451	50.022	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	114015m	51.112	ug/l	
77) Bromobenzene	12.982	156	104705	49.204	ug/l	86
78) n-propylbenzene	13.035	91	479312	49.828	ug/l	99
79) 2-Chlorotoluene	13.129	91	285087	49.188	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	367480	51.316	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39198	51.992	ug/l	91
82) 4-Chlorotoluene	13.129	91	285087	49.188	ug/l	96
83) tert-Butylbenzene	13.441	119	324609	49.716	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	369162	51.393	ug/l	99
85) sec-Butylbenzene	13.617	105	452790	51.109	ug/l	99
86) p-Isopropyltoluene	13.729	119	386671	51.875	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	197356	48.949	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	195053	47.625	ug/l	99
89) n-Butylbenzene	14.059	91	312805	49.687	ug/l	98
90) Hexachloroethane	14.335	117	65057	50.593	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	196624	50.031	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25594	51.415	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	96956	48.141	ug/l	98
94) Hexachlorobutadiene	15.506	225	50917	48.536	ug/l	99
95) Naphthalene	15.641	128	316924	50.019	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	96075	48.536	ug/l	98

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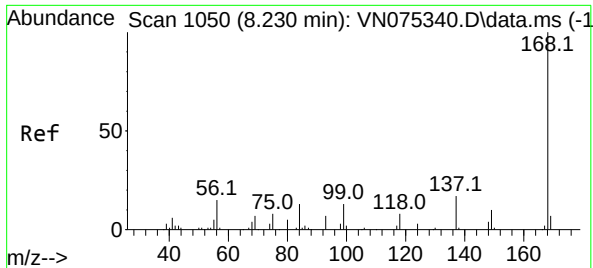
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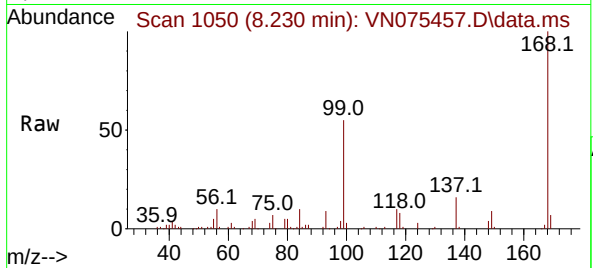
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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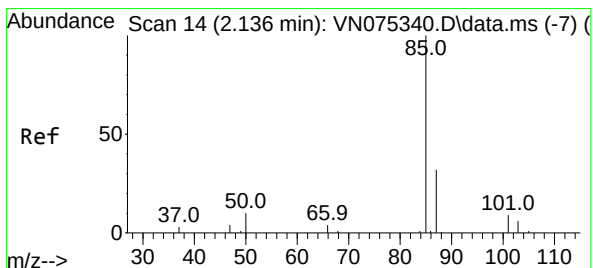
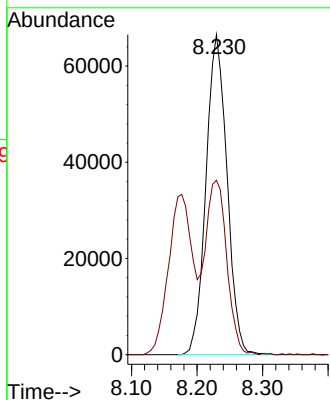
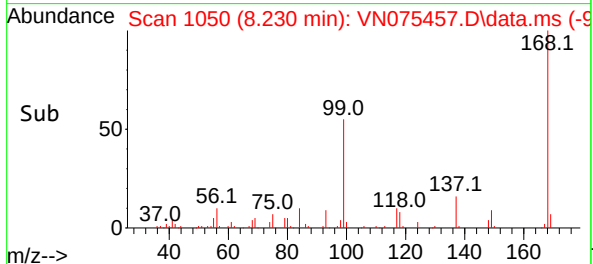
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 147920
Ion Ratio Lower Upper
168 100
99 54.5 51.6 77.4

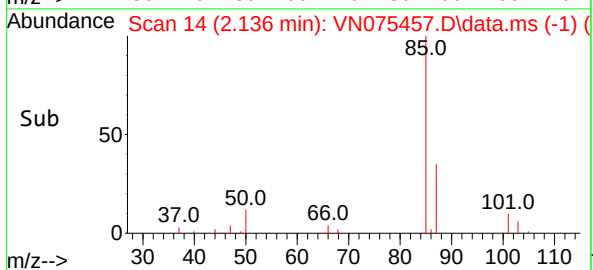
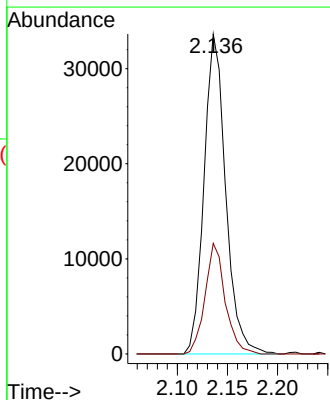
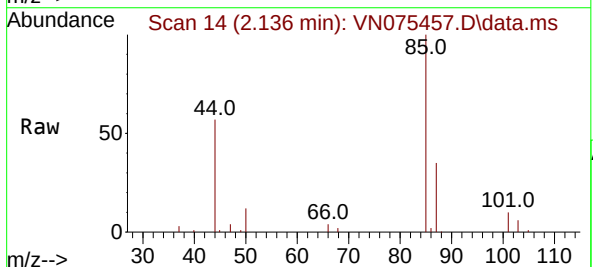
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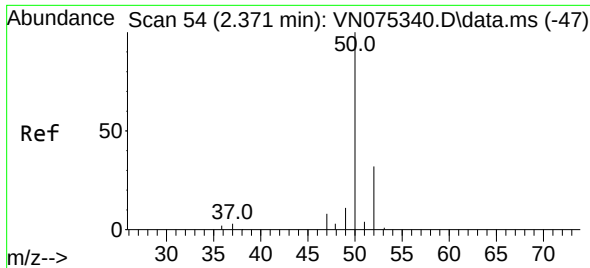
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#2
Dichlorodifluoromethane
Concen: 44.721 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Tgt Ion: 85 Resp: 50585
Ion Ratio Lower Upper
85 100
87 34.5 16.7 50.0





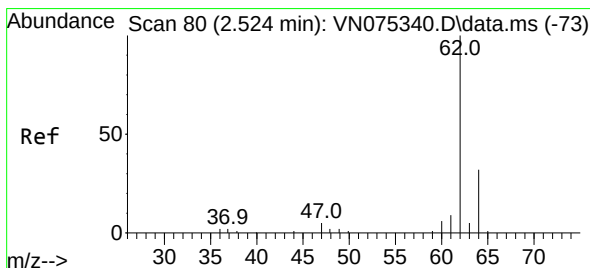
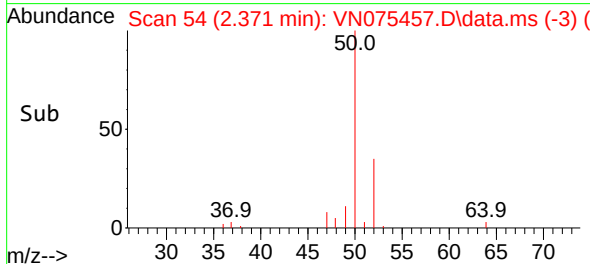
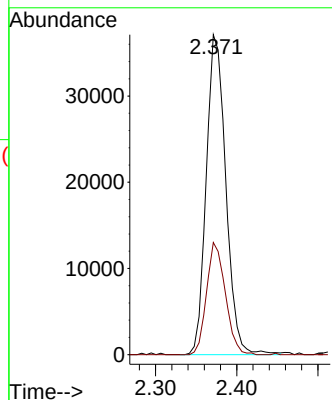
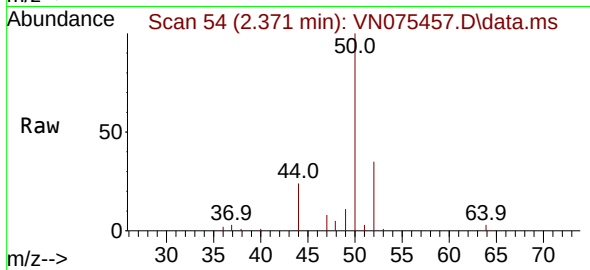
#3
Chloromethane
Concen: 44.218 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075457.D
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Tgt Ion: 50 Resp: 62235
Ion Ratio Lower Upper
50 100
52 35.1 25.8 38.6

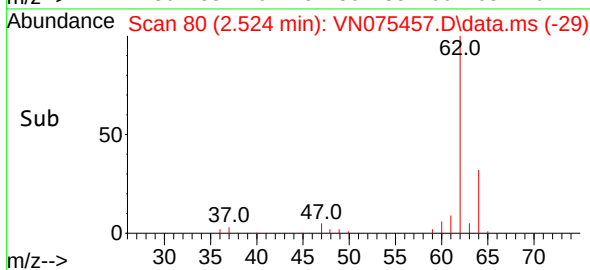
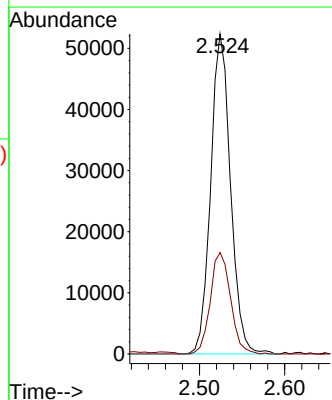
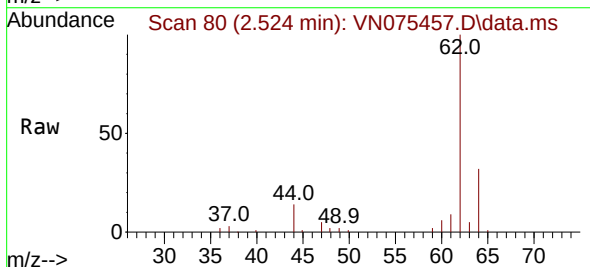
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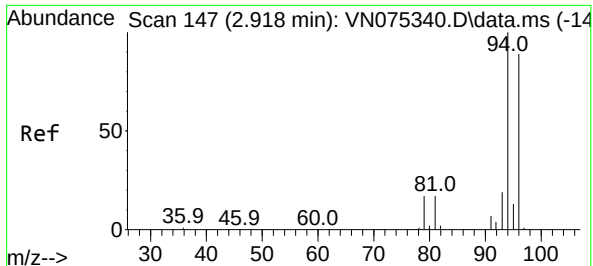
Reviewed By :John Carlone 11/29/2022
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#4
Vinyl Chloride
Concen: 47.728 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

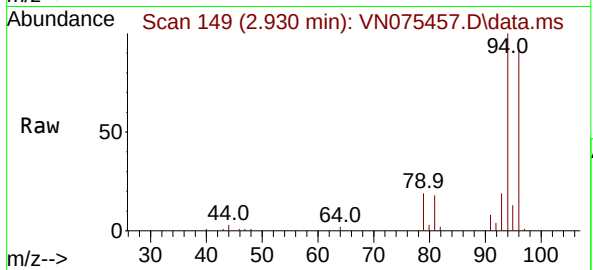
Tgt Ion: 62 Resp: 84660
Ion Ratio Lower Upper
62 100
64 31.7 24.0 36.0





#5
Bromomethane
Concen: 53.542 ug/l
RT: 2.930 min Scan# 14
Delta R.T. 0.012 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

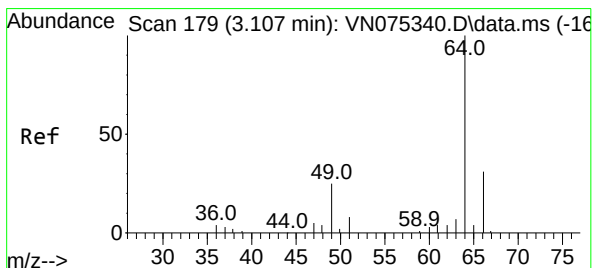
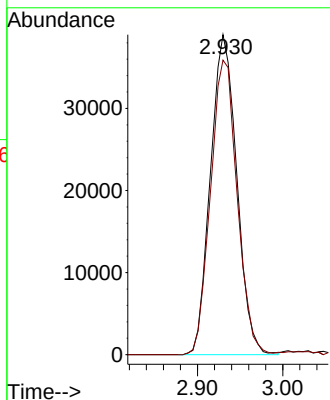
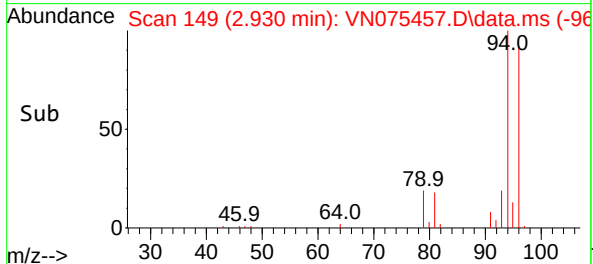
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Tgt Ion: 94 Resp: 8351
Ion Ratio Lower Upper
94 100
96 92.1 71.8 107.6

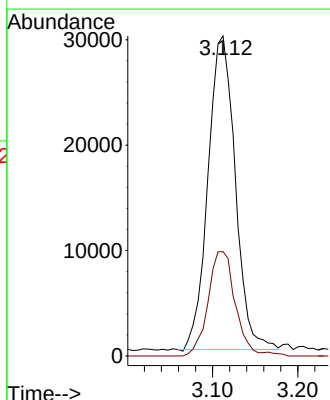
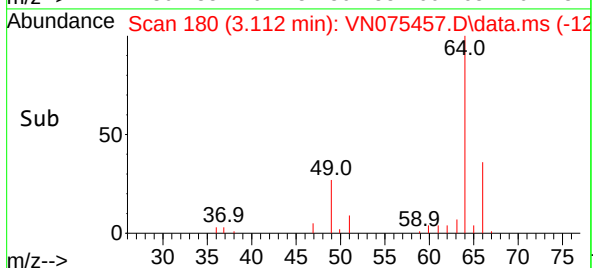
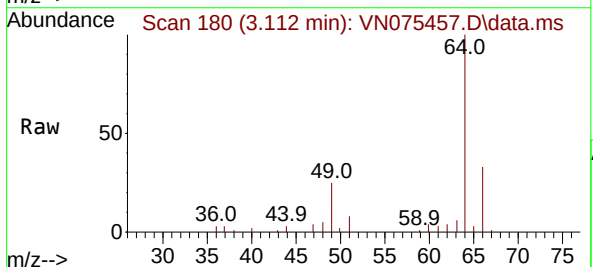
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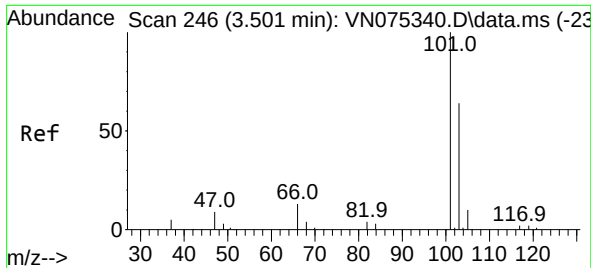
Reviewed By :John Carlone 11/29/2022
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#6
Chloroethane
Concen: 49.240 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075457.D
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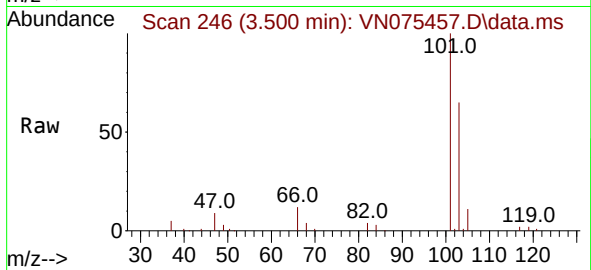
Tgt Ion: 64 Resp: 66182
Ion Ratio Lower Upper
64 100
66 33.2 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 46.246 ug/l
 RT: 3.500 min Scan# 246
 Delta R.T. -0.001 min
 Lab File: VN075457.D
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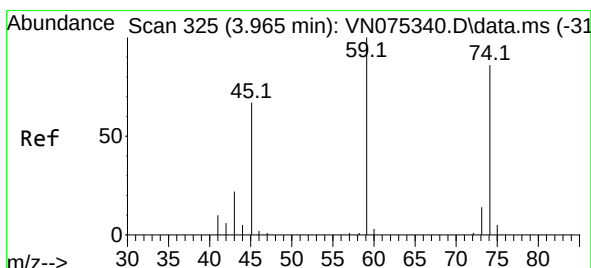
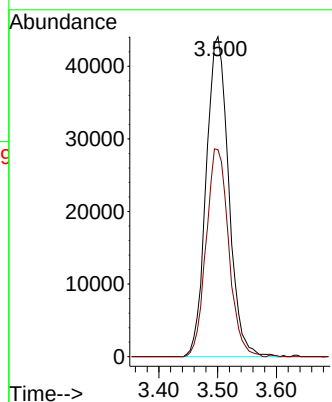
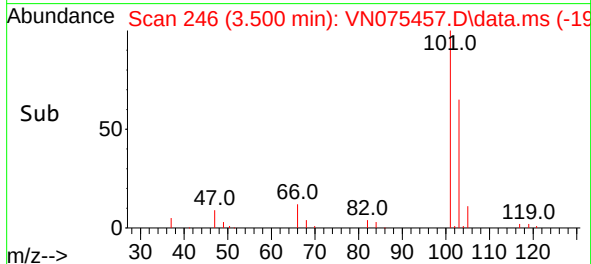
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Tgt Ion:101 Resp: 117189
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.5 75.7

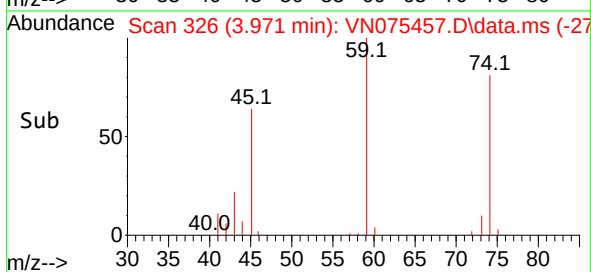
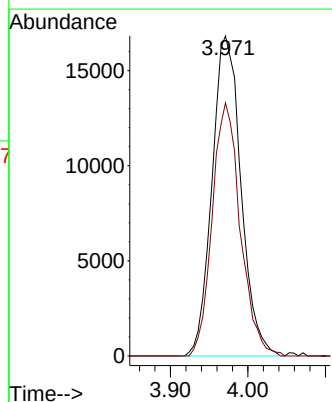
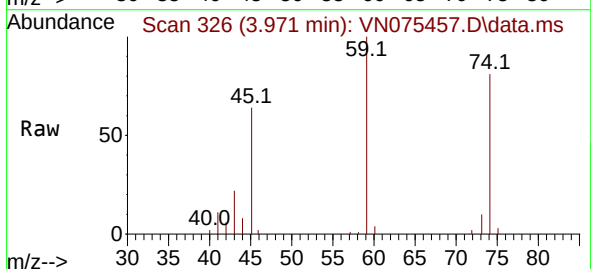
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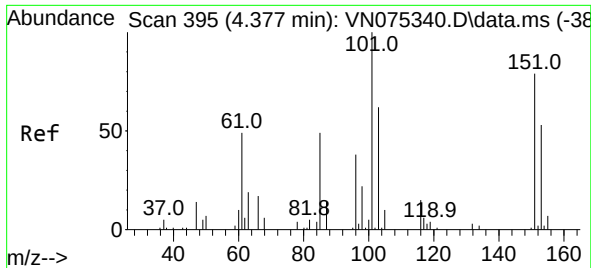
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#8
 Diethyl Ether
 Concen: 49.170 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 43671
 Ion Ratio Lower Upper
 74 100
 45 76.6 39.3 117.9





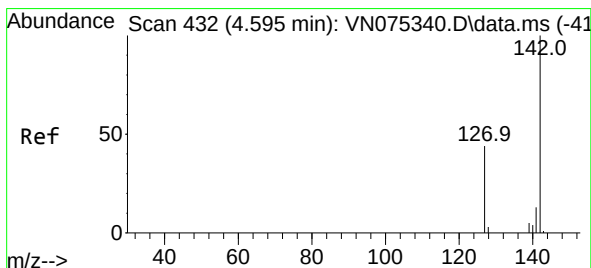
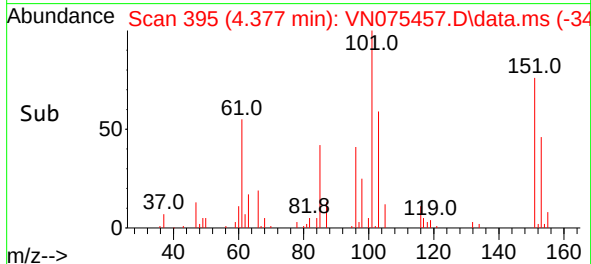
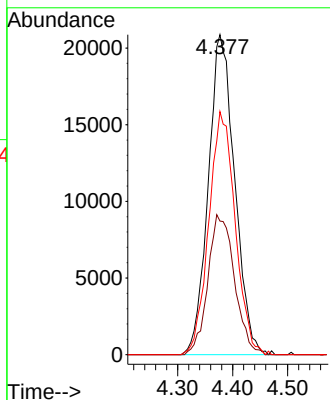
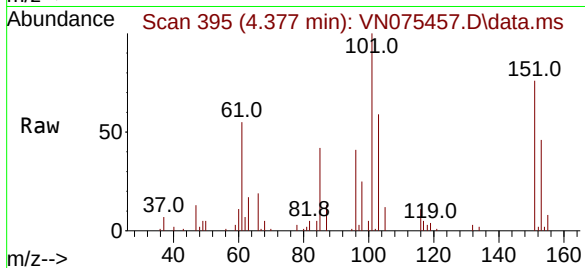
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.769 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075457.D
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Tgt Ion:101 Resp: 6962
Ion Ratio Lower Upper
101 100
85 43.9 37.6 56.4
151 75.9 58.3 87.5

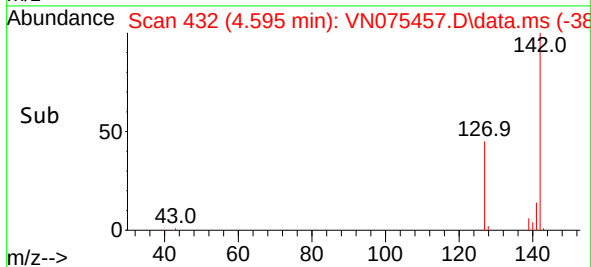
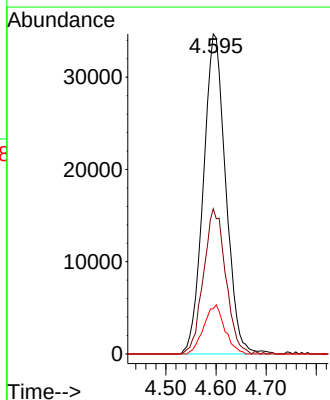
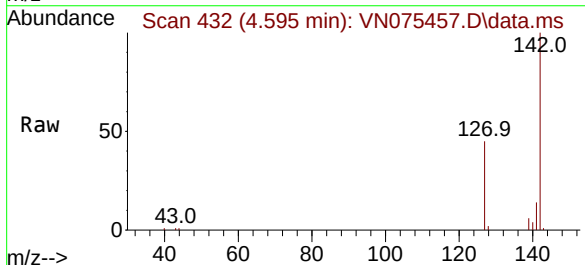
Manual Integrations
APPROVED

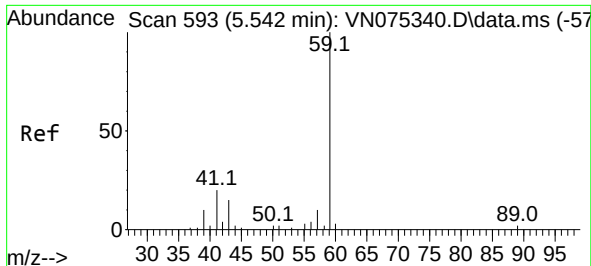
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#10
Methyl Iodide
Concen: 47.364 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

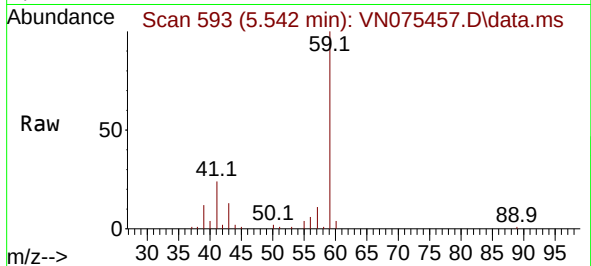
Tgt Ion:142 Resp: 107367
Ion Ratio Lower Upper
142 100
127 45.0 38.0 57.0
141 14.4 12.2 18.4





#11
Tert butyl alcohol
Concen: 245.803 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

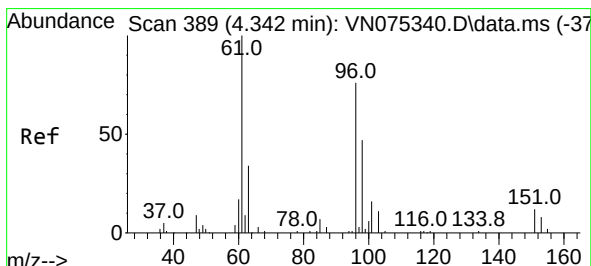
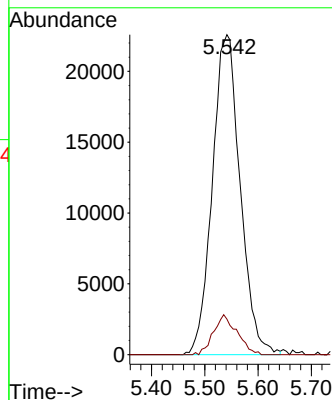
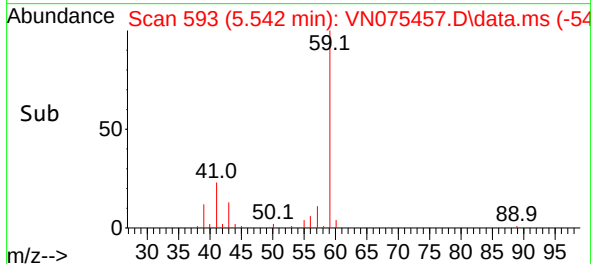
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



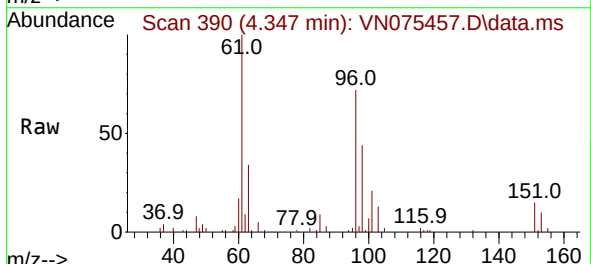
Tgt Ion: 59 Resp: 81934
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

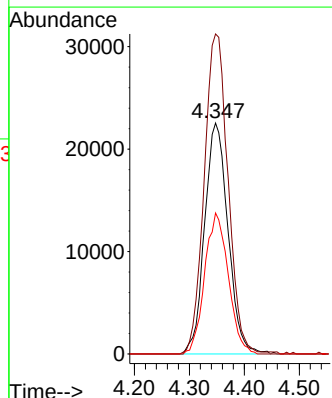
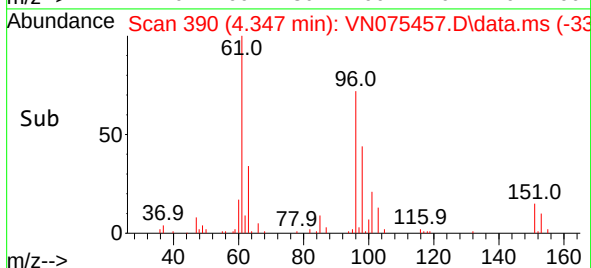
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

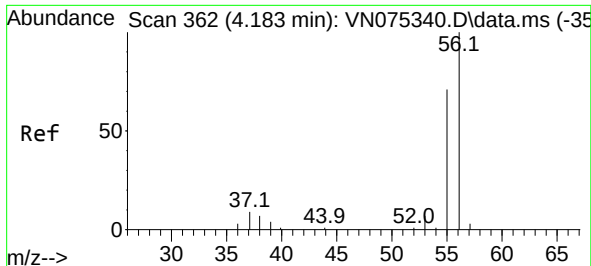


#12
1,1-Dichloroethene
Concen: 48.699 ug/l
RT: 4.347 min Scan# 390
Delta R.T. 0.005 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



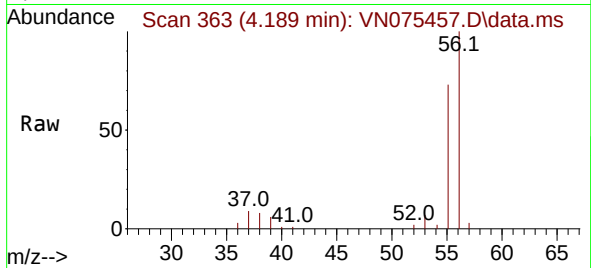
Tgt Ion: 96 Resp: 66711
Ion Ratio Lower Upper
96 100
61 138.6 126.2 189.4
98 61.1 51.5 77.3





#13
Acrolein
Concen: 288.540 ug/l
RT: 4.189 min Scan# 362
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

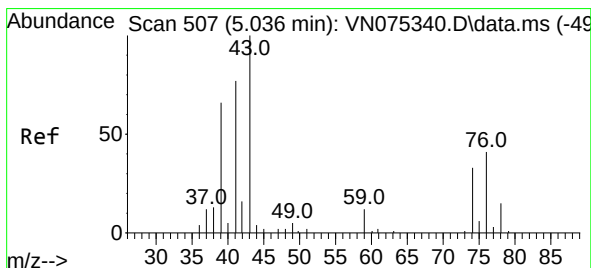
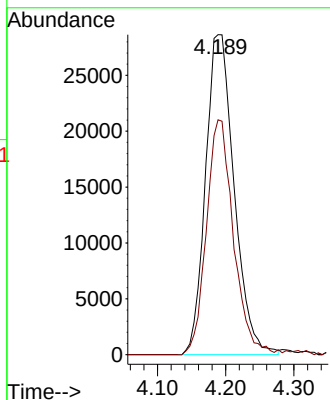
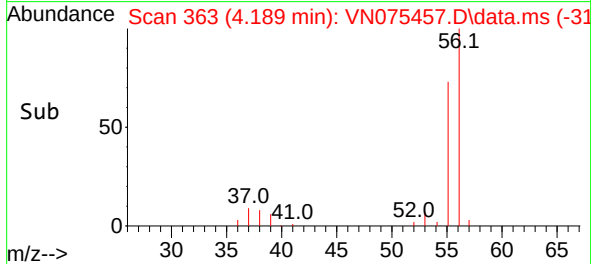
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



Tgt Ion: 56 Resp: 8378
Ion Ratio Lower Upper
56 100
55 69.1 55.2 82.8

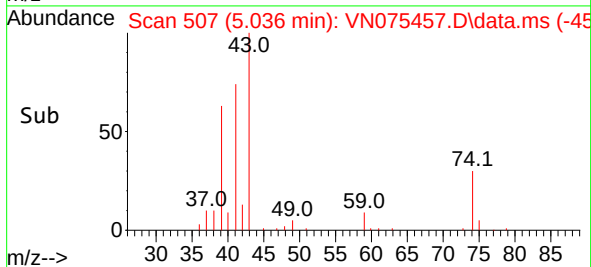
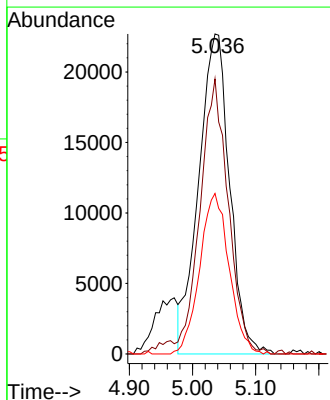
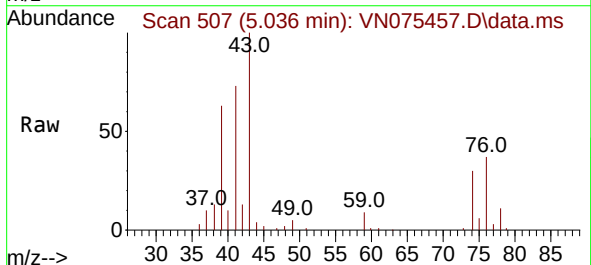
Manual Integrations
APPROVED

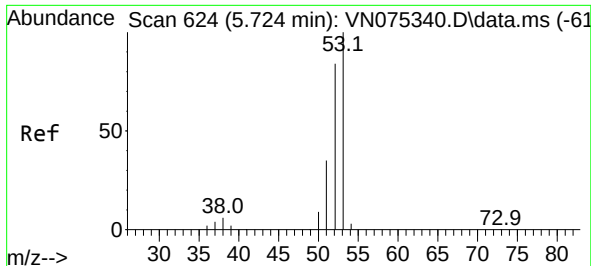
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#14
Allyl chloride
Concen: 43.684 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

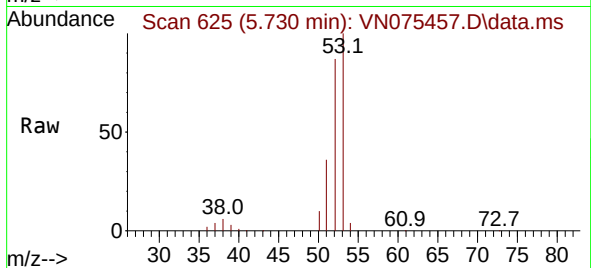
Tgt Ion: 41 Resp: 77405
Ion Ratio Lower Upper
41 100
39 80.5 61.0 91.4
76 47.6 33.4 50.0





#15
Acrylonitrile
Concen: 261.024 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

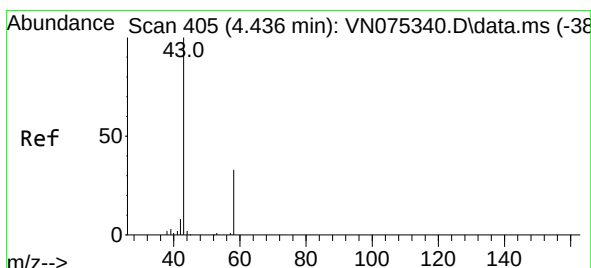
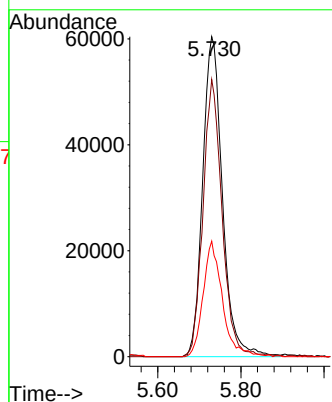
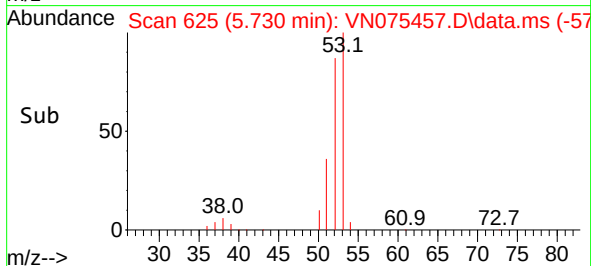
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



Tgt Ion: 53 Resp: 199619
Ion Ratio Lower Upper
53 100
52 83.6 66.4 99.6
51 35.2 29.6 44.4

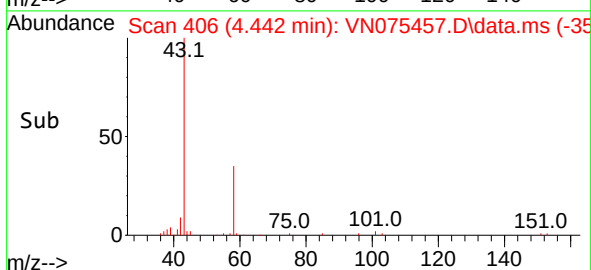
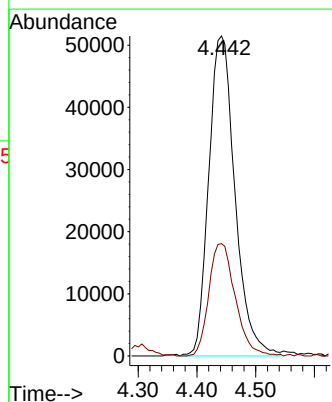
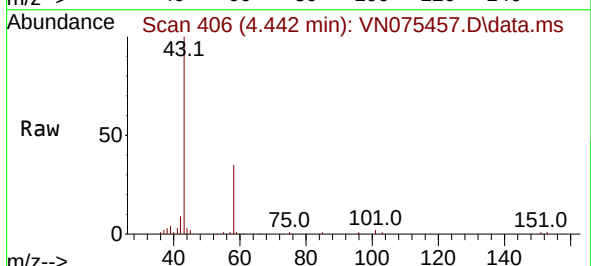
Manual Integrations
APPROVED

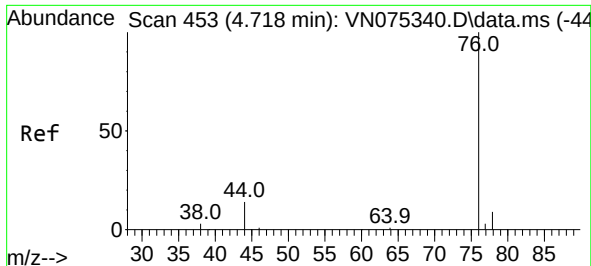
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#16
Acetone
Concen: 215.277 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

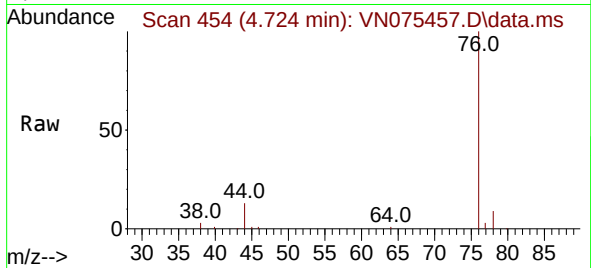
Tgt Ion: 43 Resp: 159445
Ion Ratio Lower Upper
43 100
58 35.1 25.5 38.3





#17
Carbon Disulfide
Concen: 41.400 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

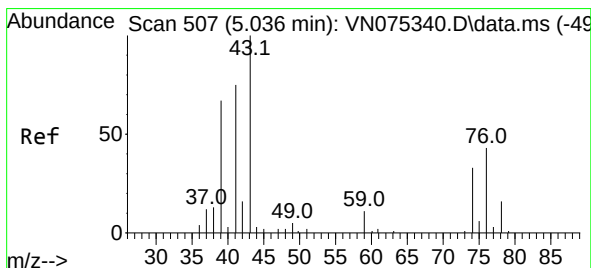
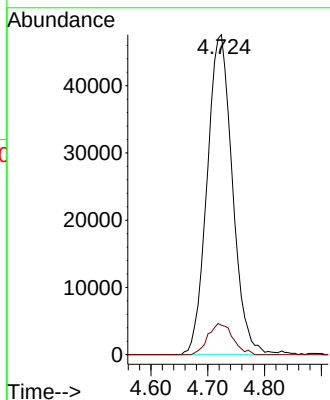
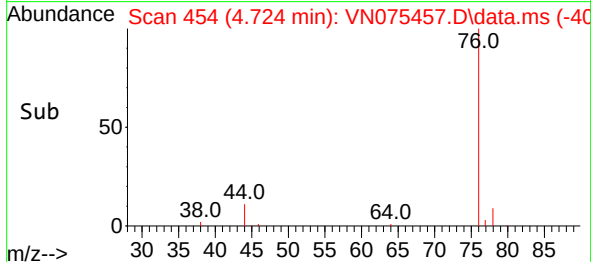
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



Tgt Ion: 76 Resp: 14738
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

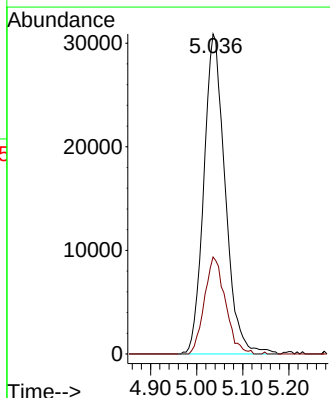
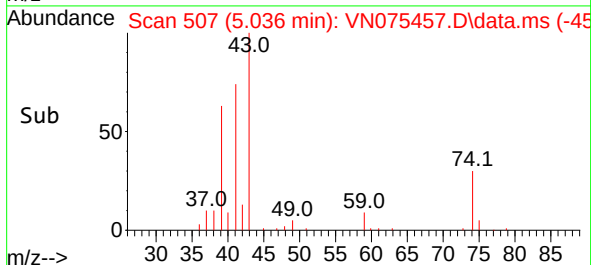
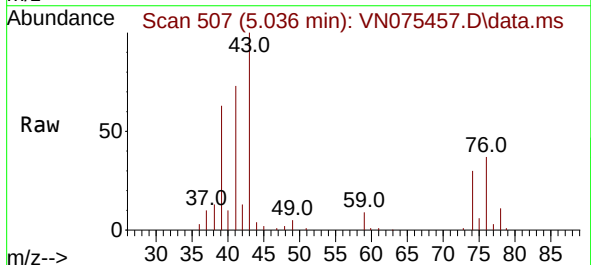
Manual Integrations
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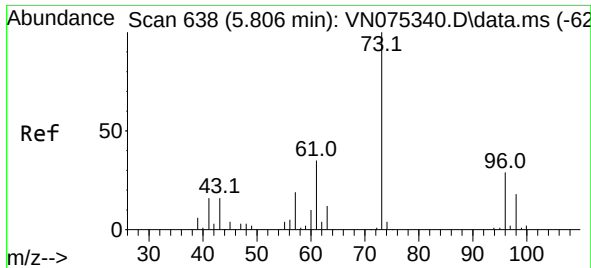
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#18
Methyl Acetate
Concen: 53.363 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Tgt Ion: 43 Resp: 99475
Ion Ratio Lower Upper
43 100
74 29.8 22.0 33.0





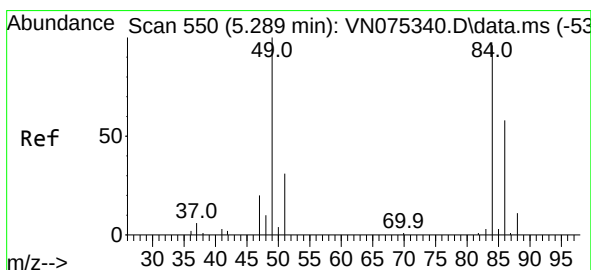
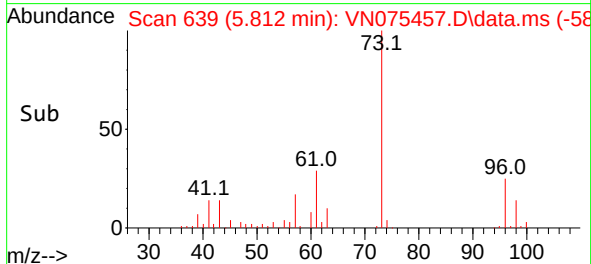
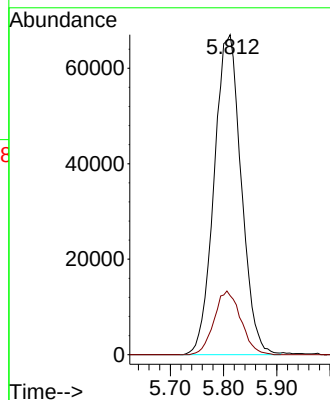
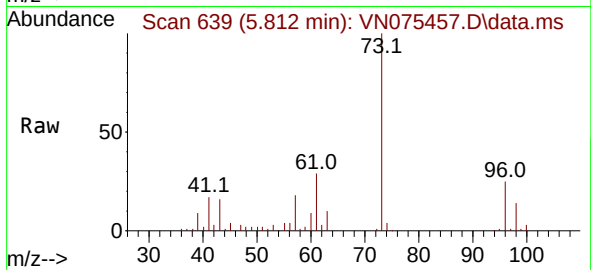
#19
Methyl tert-butyl Ether
Concen: 48.887 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS

Tgt Ion: 73 Resp: 23723
Ion Ratio Lower Upper
73 100
57 18.4 16.3 24.5

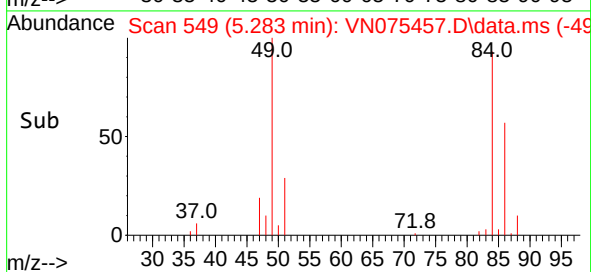
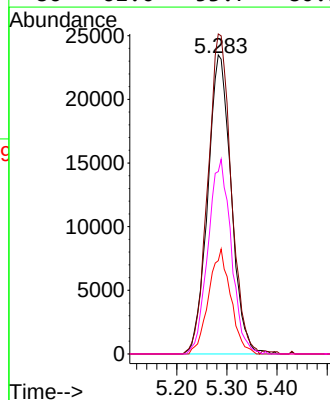
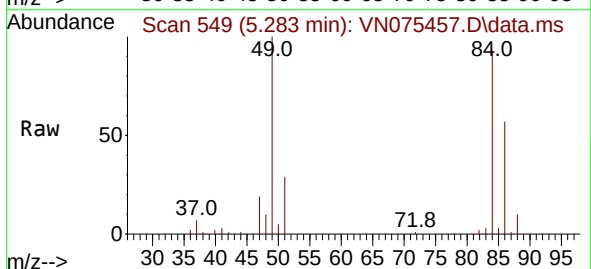
Manual Integrations
APPROVED

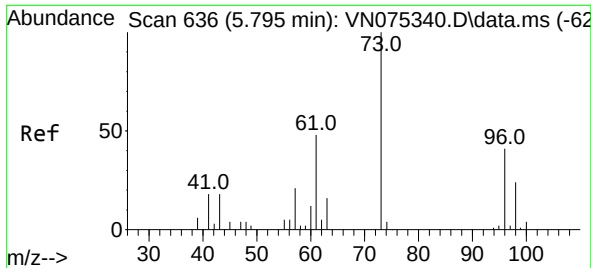
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#20
Methylene Chloride
Concen: 50.730 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

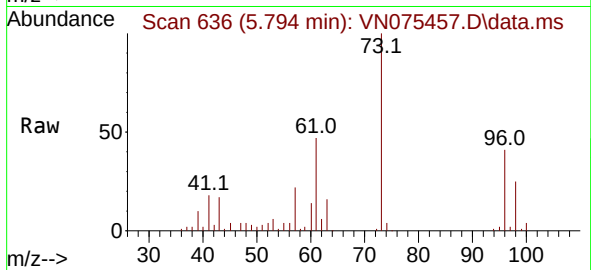
Tgt Ion: 84 Resp: 76164
Ion Ratio Lower Upper
84 100
49 107.0 94.9 142.3
51 31.2 26.8 40.2
86 61.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 45.504 ug/l
RT: 5.794 min Scan# 610
Delta R.T. -0.001 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

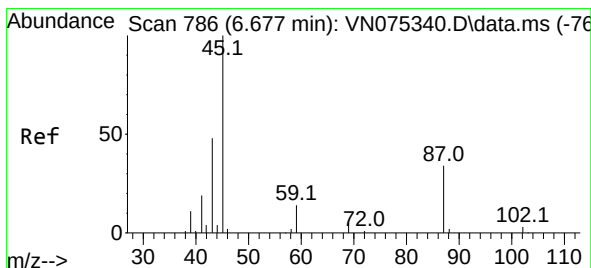
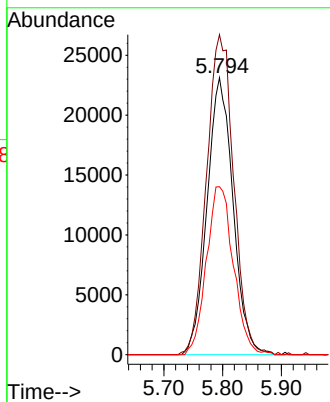
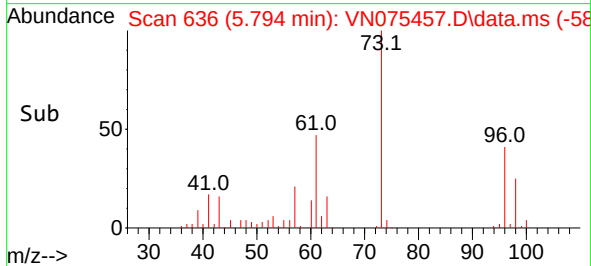
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



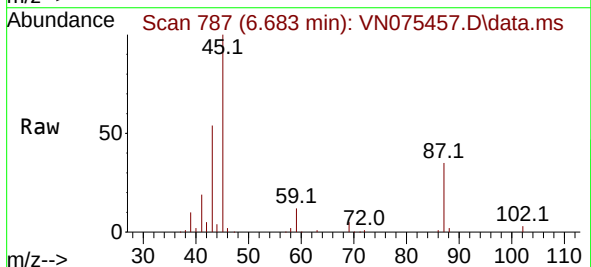
Tgt Ion: 96 Resp: 71039
Ion Ratio Lower Upper
96 100
61 115.6 99.9 149.9
98 60.7 51.5 77.3

Manual Integrations
APPROVED

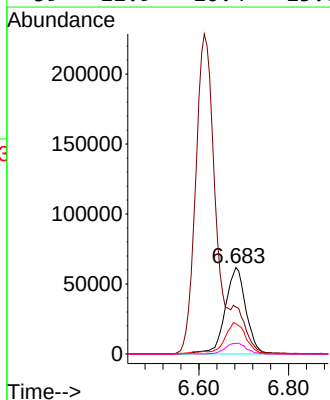
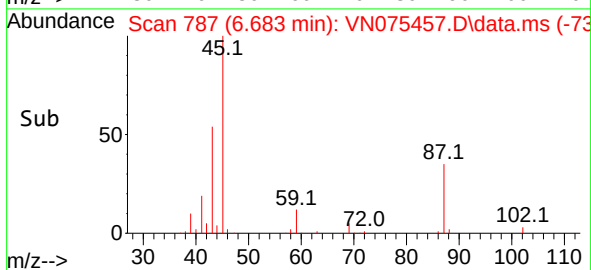
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

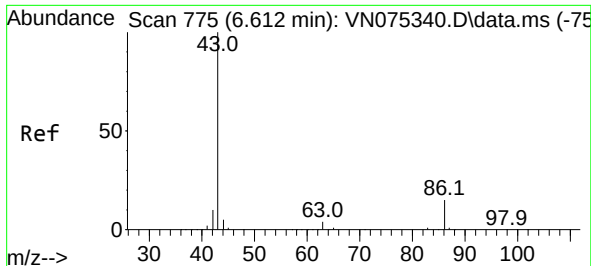


#22
Diisopropyl ether
Concen: 48.651 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



Tgt Ion: 45 Resp: 196725
Ion Ratio Lower Upper
45 100
43 53.0 42.8 64.2
87 34.9 28.4 42.6
59 11.9 10.4 15.6





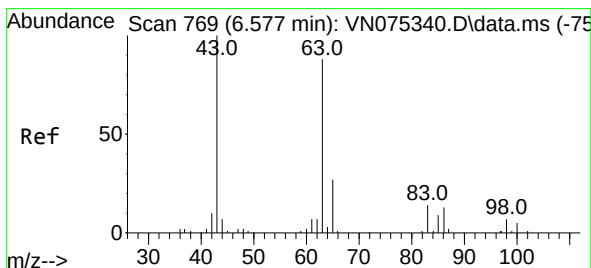
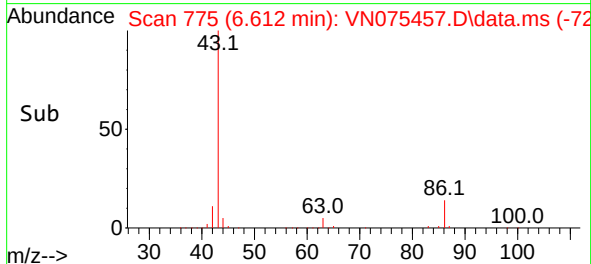
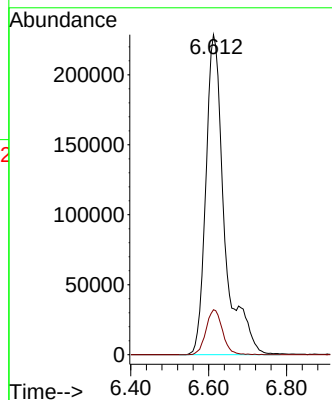
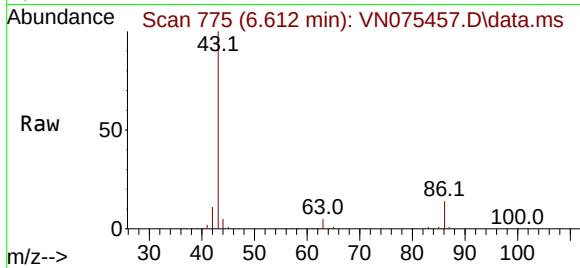
#23
 Vinyl Acetate
 Concen: 235.755 ug/l m
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN075457.D
 Acq: 28 Nov 2022 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117MS

Tgt Ion: 43 Resp: 758400
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.7 16.1

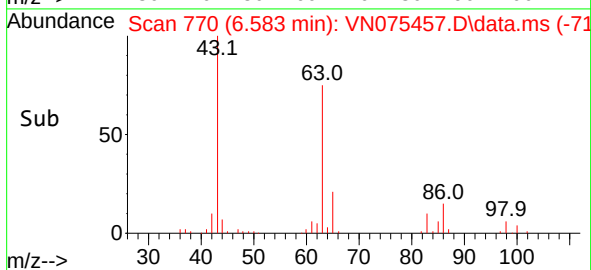
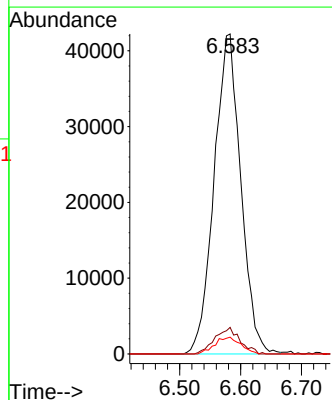
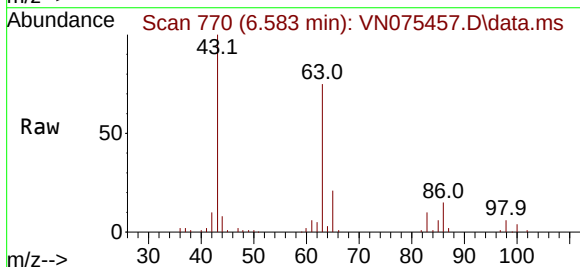
Manual Integrations
 APPROVED

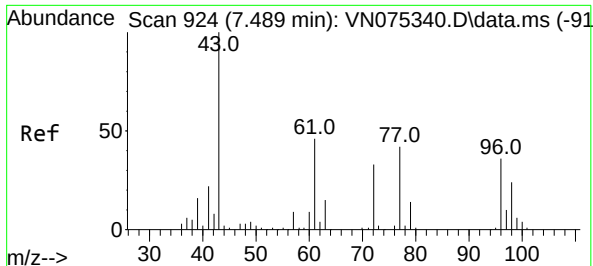
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#24
 1,1-Dichloroethane
 Concen: 49.504 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075457.D
 Acq: 28 Nov 2022 18:35

Tgt Ion: 63 Resp: 128487
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.2 2.4 7.2





#25

2-Butanone

Concen: 248.197 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MS

Tgt Ion: 43 Resp: 256640

Ion Ratio Lower Upper

43 100

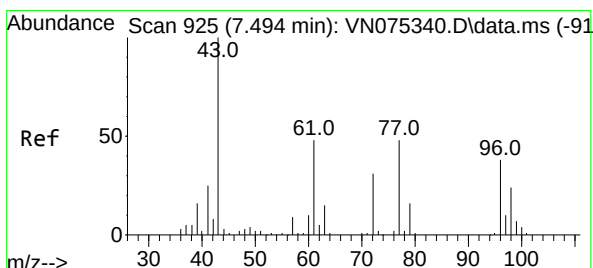
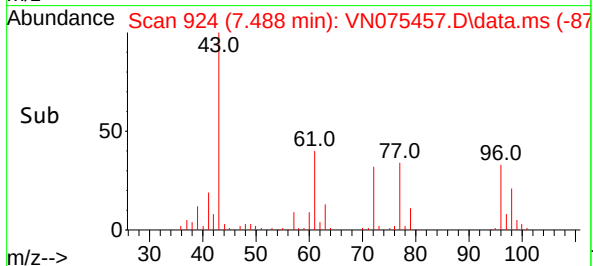
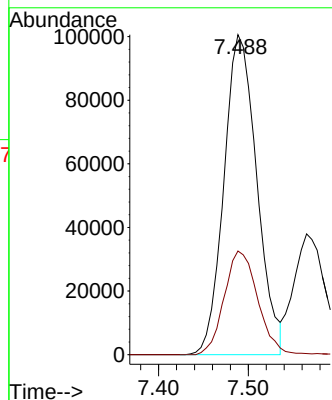
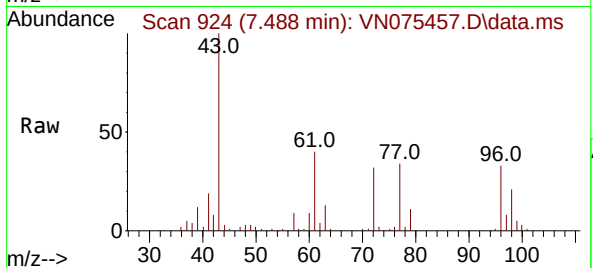
72 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#26

2,2-Dichloropropane

Concen: 43.444 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075457.D

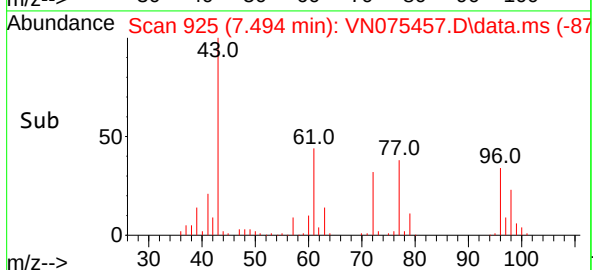
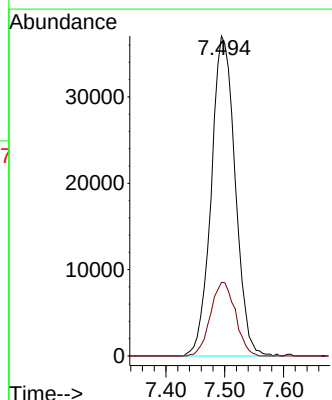
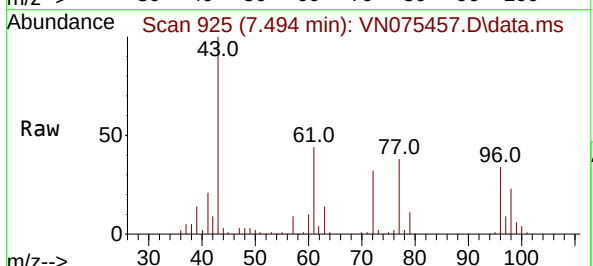
Acq: 28 Nov 2022 18:35

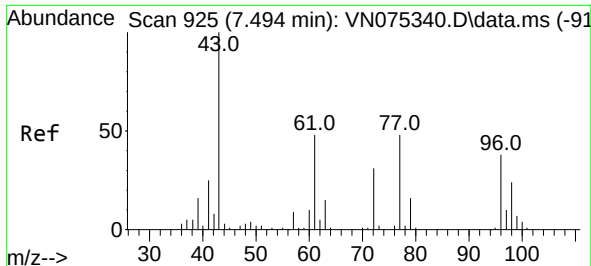
Tgt Ion: 77 Resp: 104794

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.993 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MS

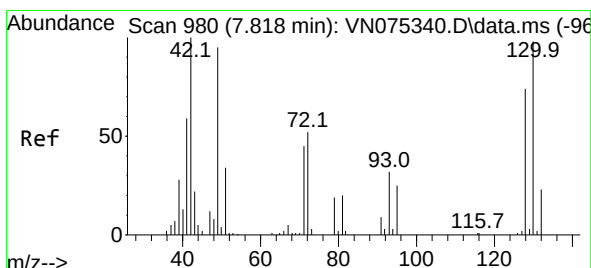
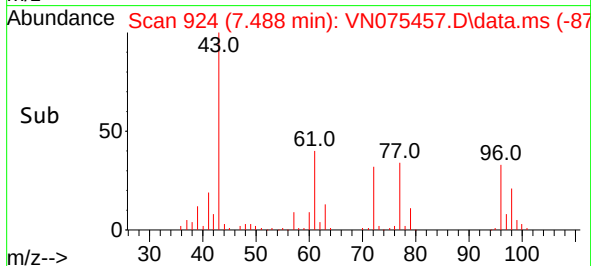
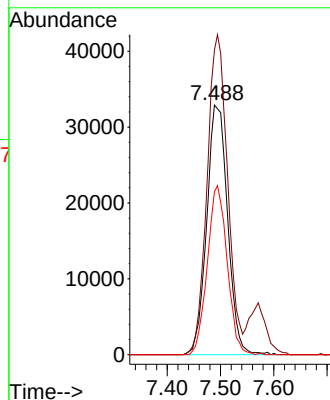
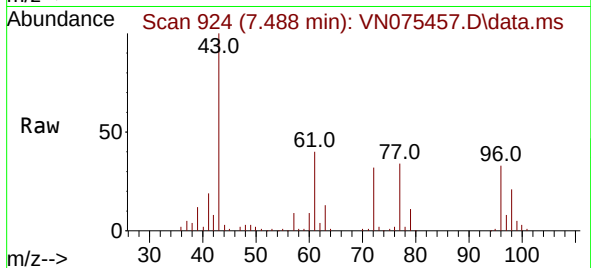
Tgt Ion:	96	Resp:	9001
Ion	Ratio	Lower	Upper
96	100		
61	125.2	0.0	278.8
98	64.0	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#28

Bromochloromethane

Concen: 51.526 ug/l

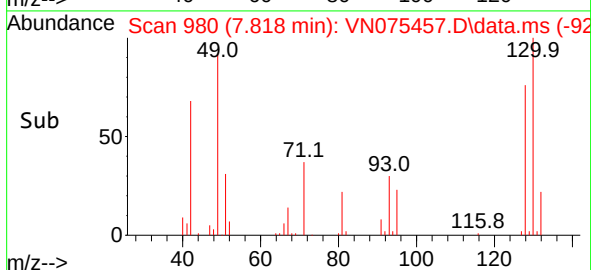
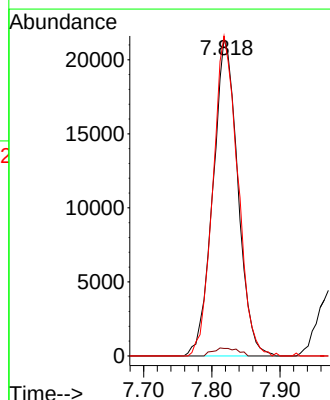
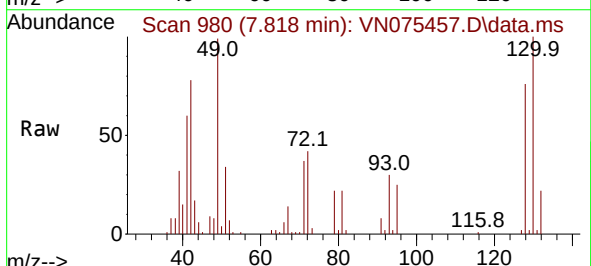
RT: 7.818 min Scan# 980

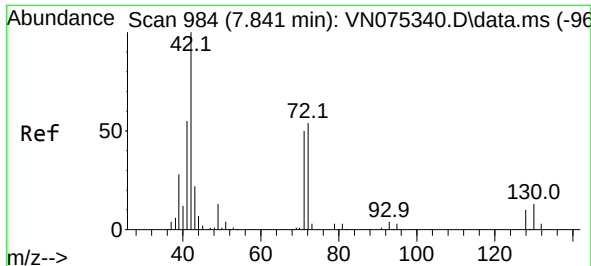
Delta R.T. -0.000 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Tgt Ion:	49	Resp:	54285
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	101.0	66.2	99.4





#29

Tetrahydrofuran

Concen: 265.910 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MS

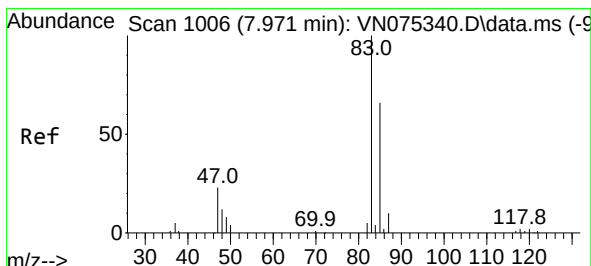
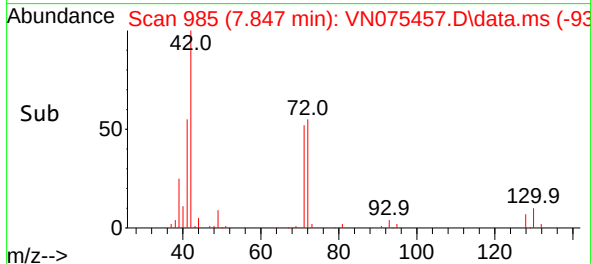
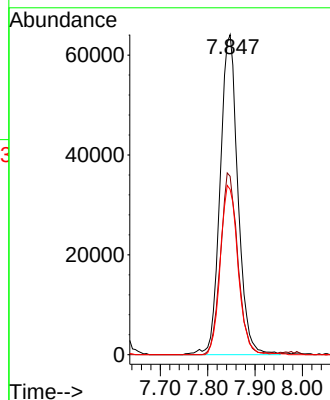
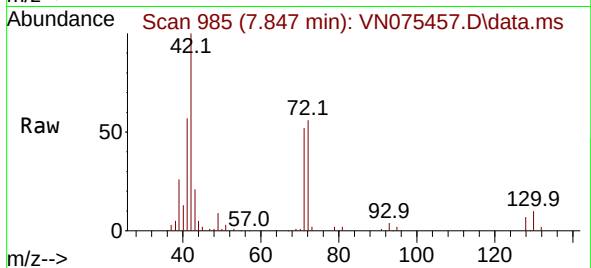
Tgt Ion: 42 Resp: 167250
 Ion Ratio Lower Upper
 42 100
 72 55.2 43.0 64.6
 71 52.5 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#30

Chloroform

Concen: 48.819 ug/l

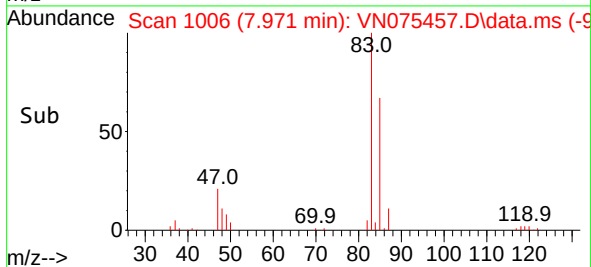
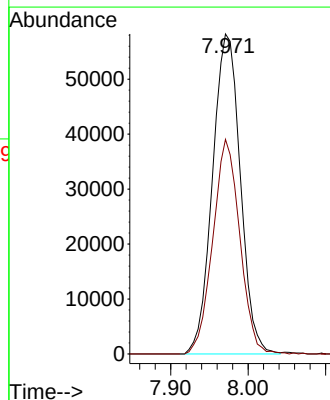
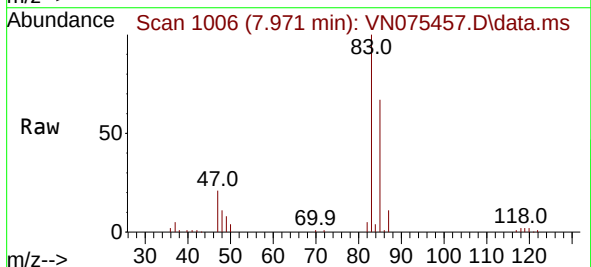
RT: 7.971 min Scan# 1006

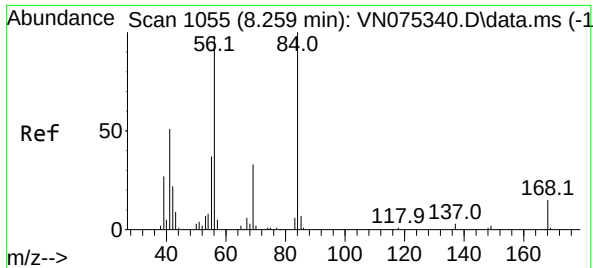
Delta R.T. -0.000 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

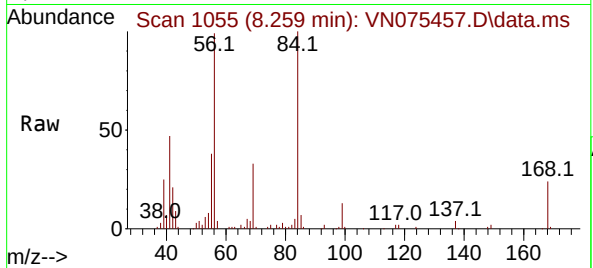
Tgt Ion: 83 Resp: 145508
 Ion Ratio Lower Upper
 83 100
 85 67.0 51.4 77.0





#31
Cyclohexane
Concen: 43.250 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

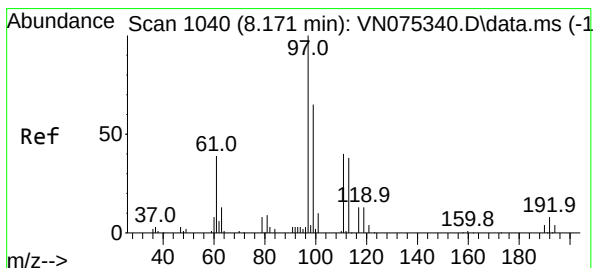
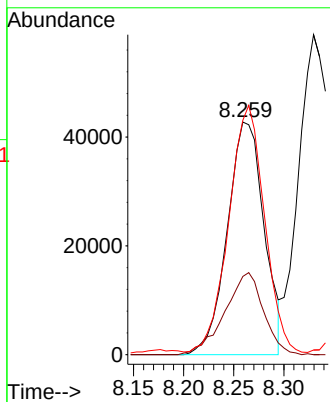
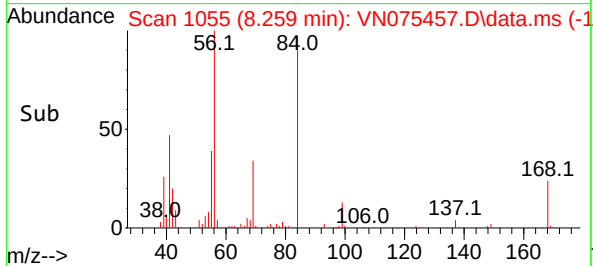
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



Tgt Ion: 56 Resp: 109110
Ion Ratio Lower Upper
56 100
69 33.6 25.2 37.8
84 99.1 77.8 116.8

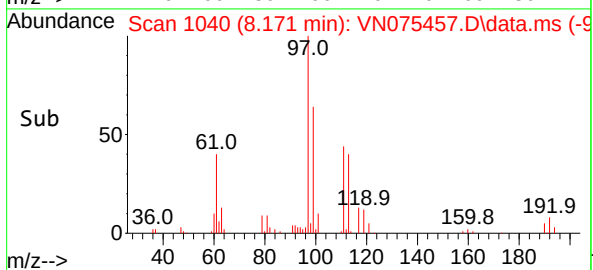
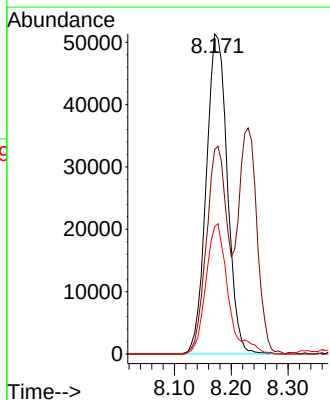
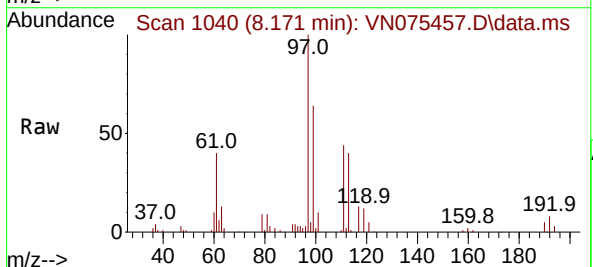
Manual Integrations
APPROVED

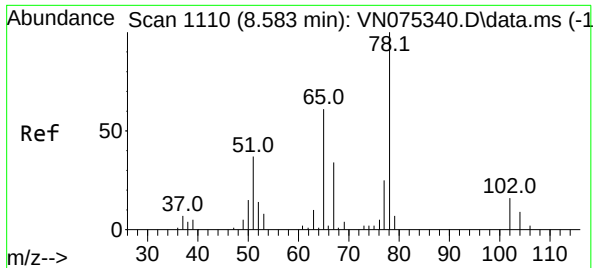
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#32
1,1,1-Trichloroethane
Concen: 48.867 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Tgt Ion: 97 Resp: 132248
Ion Ratio Lower Upper
97 100
99 63.7 50.2 75.2
61 42.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 52.414 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MS

Tgt Ion: 65 Resp: 41619

Ion Ratio Lower Upper

65 100

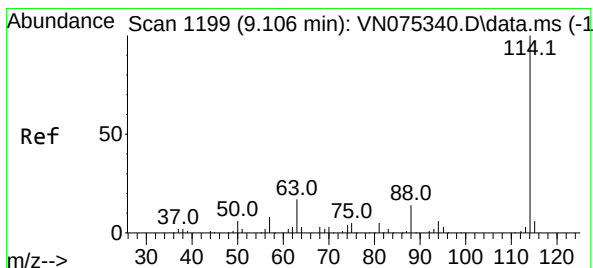
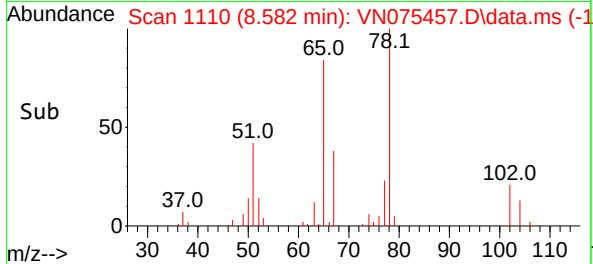
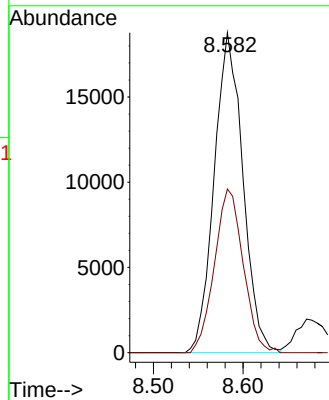
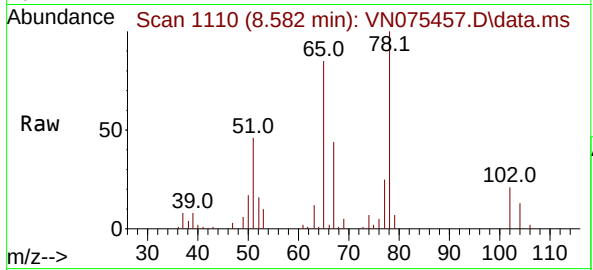
67 51.2 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

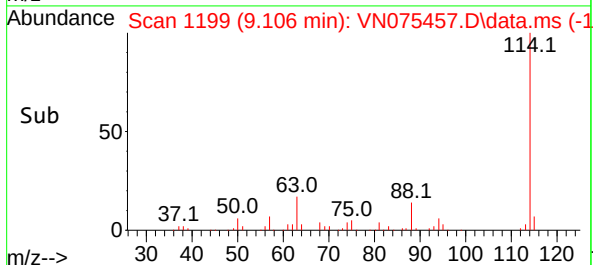
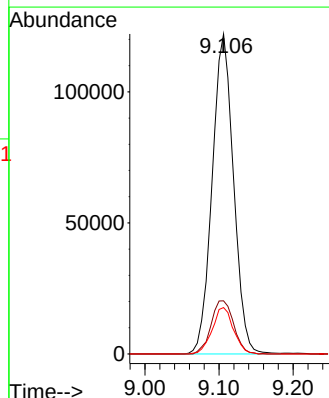
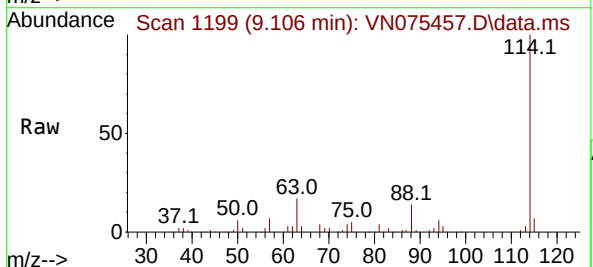
Tgt Ion:114 Resp: 244531

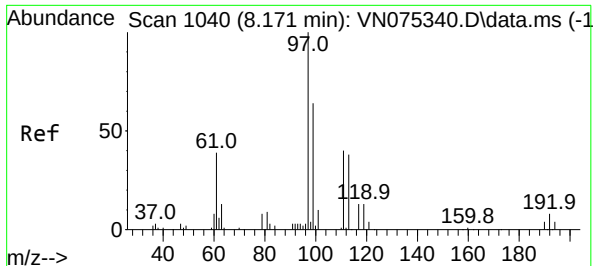
Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.230 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MS

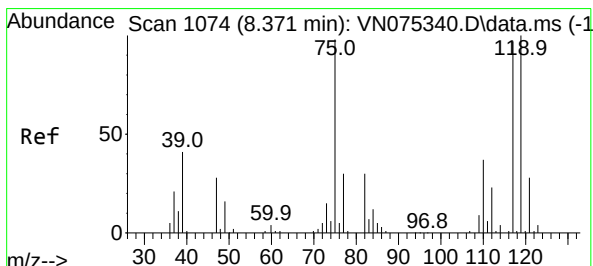
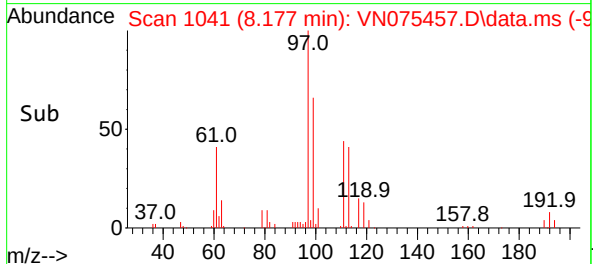
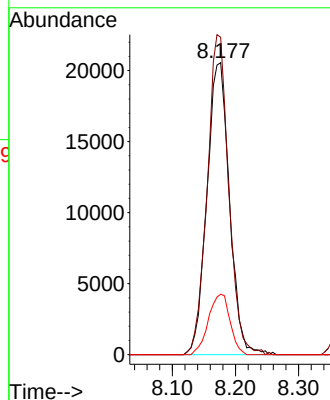
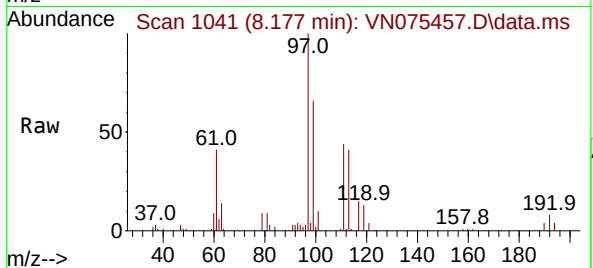
Tgt Ion:	113	Resp:	5113
Ion Ratio	Lower	Upper	
113	100		
111	104.2	80.5	120.7
192	19.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#36

1,1-Dichloropropene

Concen: 48.180 ug/l

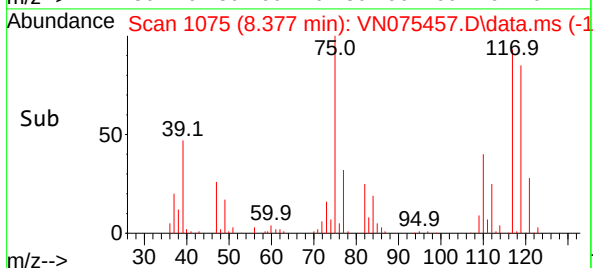
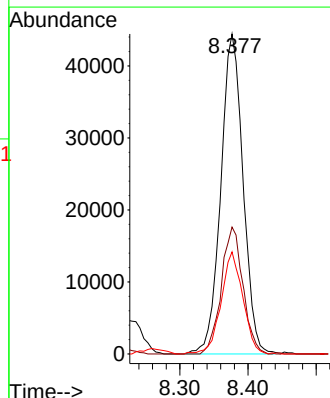
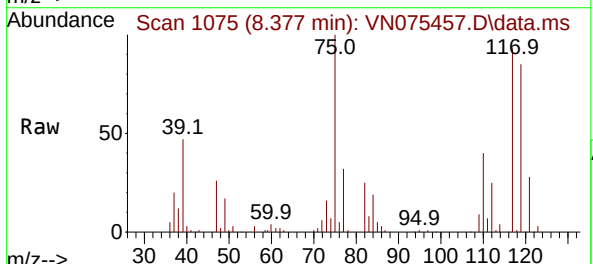
RT: 8.377 min Scan# 1075

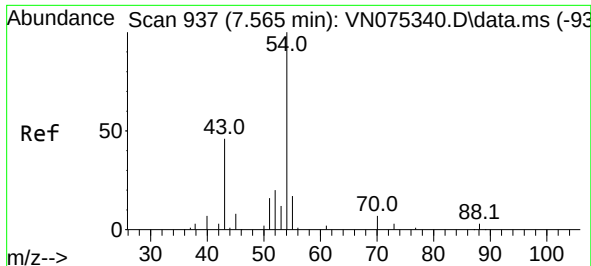
Delta R.T. 0.006 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Tgt Ion:	75	Resp:	100930
Ion Ratio	Lower	Upper	
75	100		
110	38.5	17.8	53.3
77	31.2	24.6	37.0





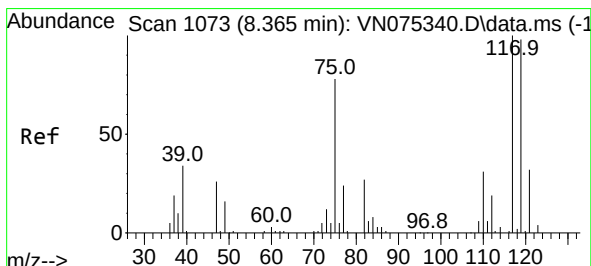
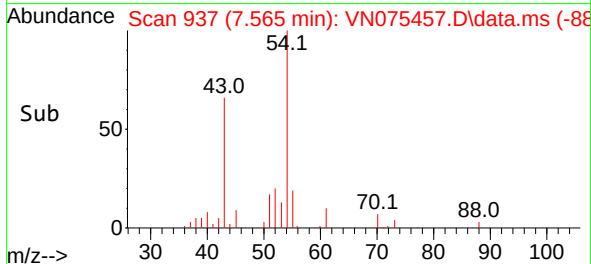
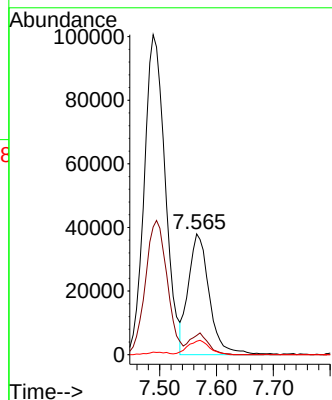
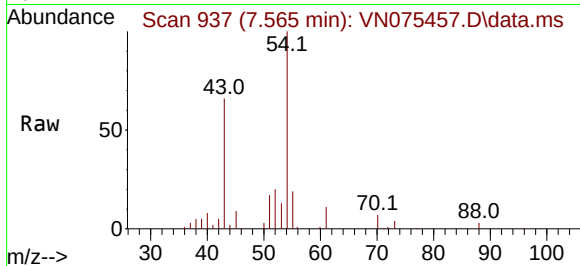
#37
Ethyl Acetate
Concen: 51.675 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS

Tgt Ion: 43 Resp: 97472
Ion Ratio Lower Upper
43 100
61 15.8 12.2 18.4
70 12.1 9.4 14.2

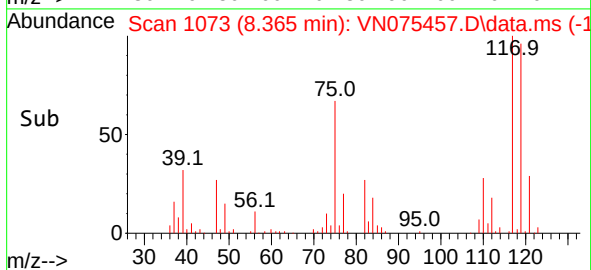
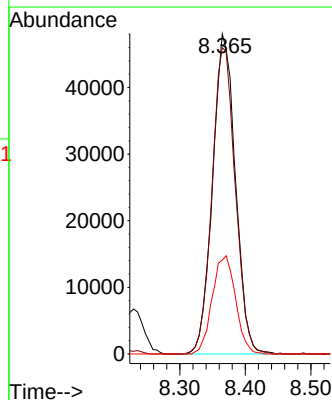
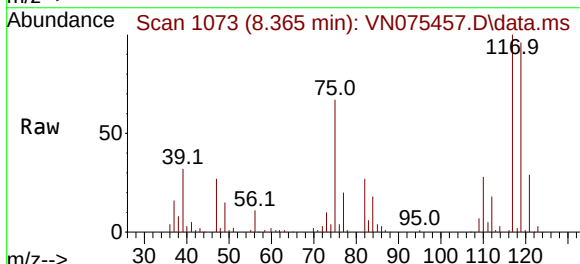
Manual Integrations
APPROVED

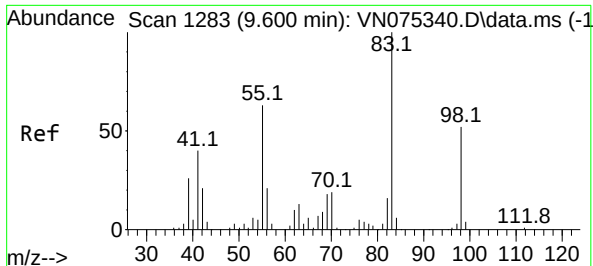
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#38
Carbon Tetrachloride
Concen: 50.342 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Tgt Ion:117 Resp: 115849
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
121 29.3 23.9 35.9





#39

Methylcyclohexane

Concen: 49.451 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MS

Tgt Ion: 83 Resp: 129650

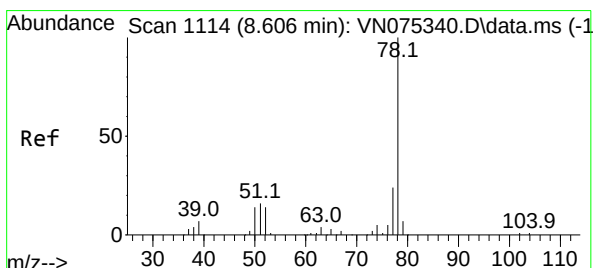
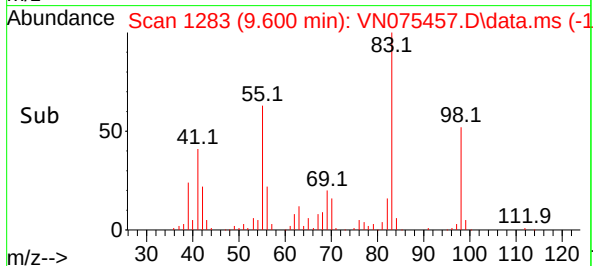
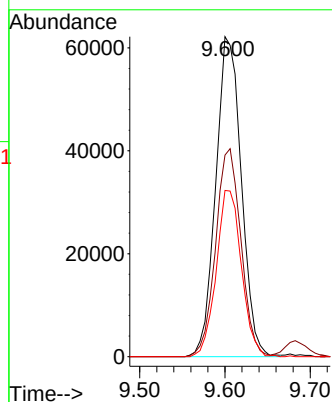
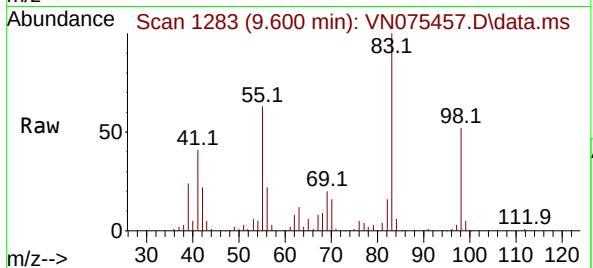
Ion	Ratio	Lower	Upper
83	100		
55	63.0	53.6	80.4
98	51.9	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#40

Benzene

Concen: 49.298 ug/l

RT: 8.612 min Scan# 1115

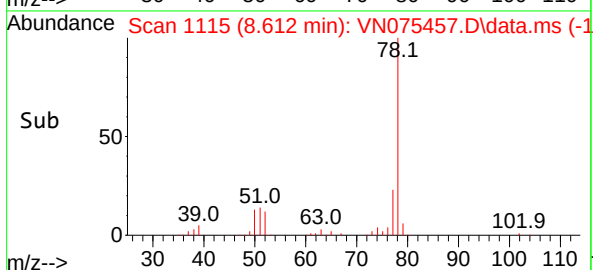
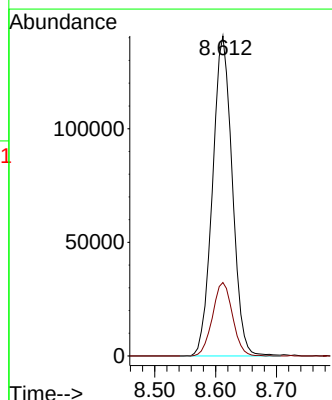
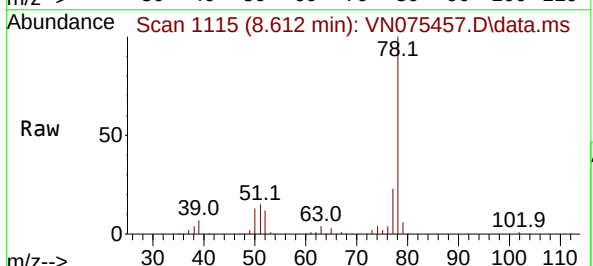
Delta R.T. 0.006 min

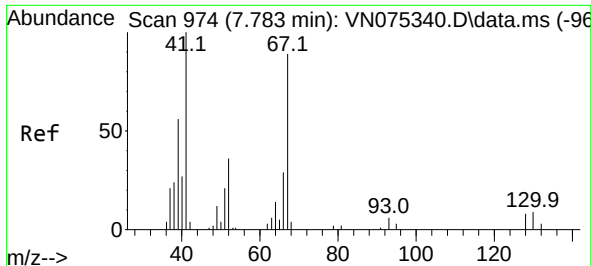
Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Tgt Ion: 78 Resp: 316186

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.4	29.0





#41
Methacrylonitrile
Concen: 53.503 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

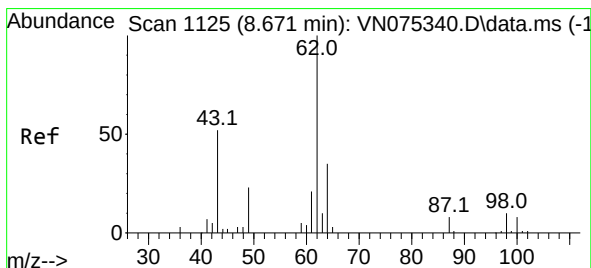
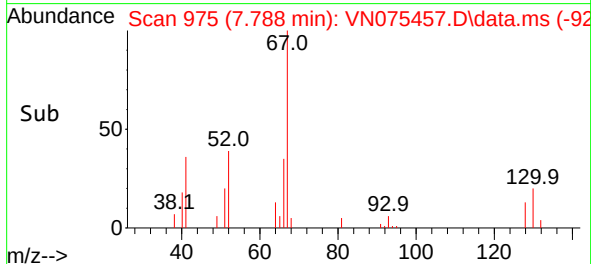
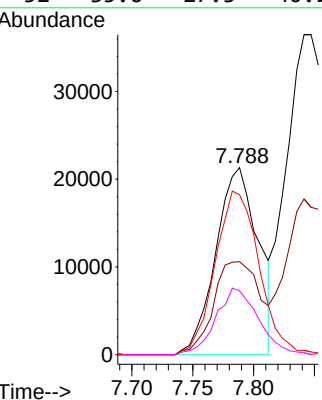
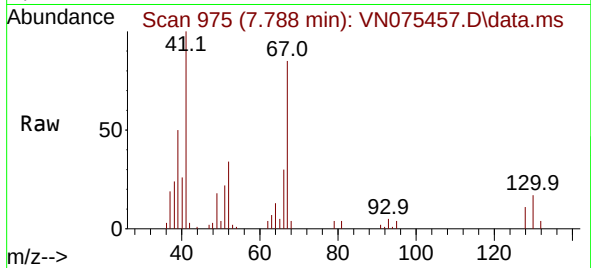
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS

Tgt Ion: 41 Resp: 51590

Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.4	66.6
67	91.1	69.8	104.6
52	35.6	27.3	40.9

Manual Integrations
APPROVED

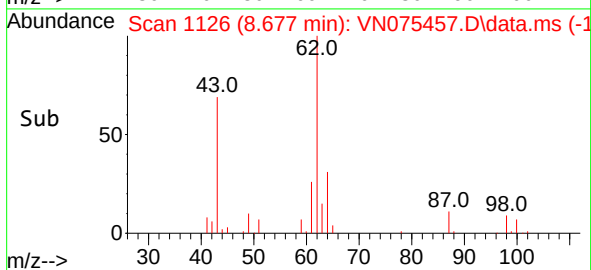
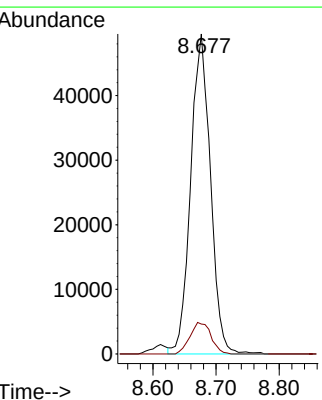
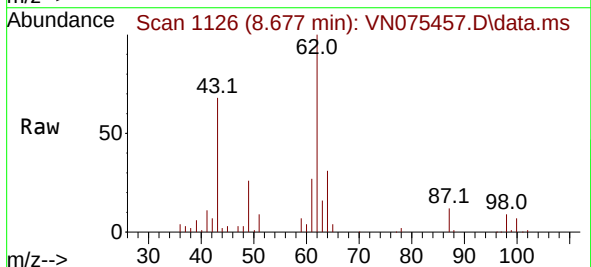
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

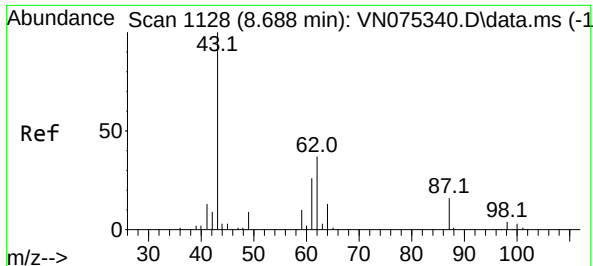


#42
1,2-Dichloroethane
Concen: 50.063 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Tgt Ion: 62 Resp: 107537

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	18.2





#43

Isopropyl Acetate

Concen: 50.532 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MS

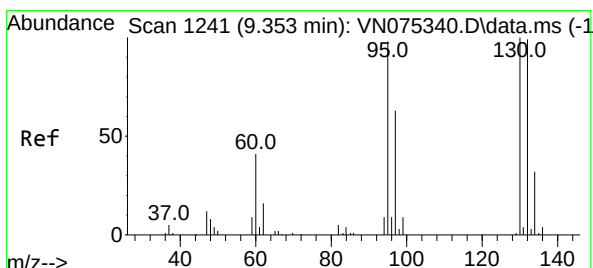
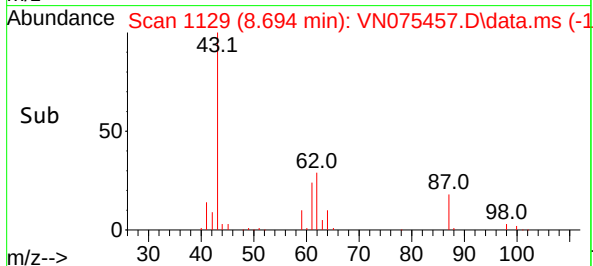
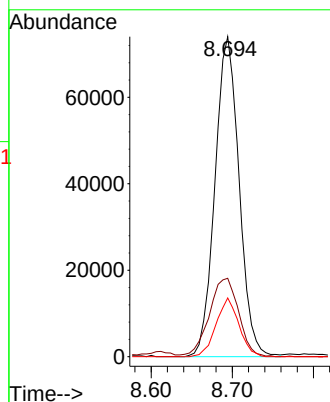
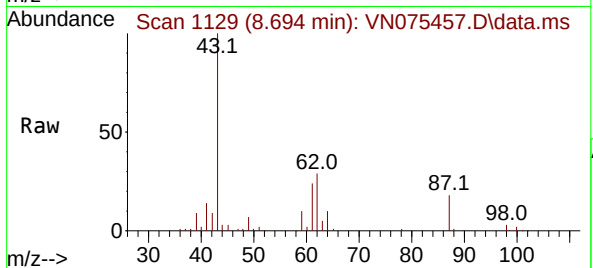
Tgt Ion: 43	Resp: 152994
Ion Ratio	Lower Upper
43	100
61	29.8 22.4 33.6
87	17.4 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#44

Trichloroethene

Concen: 50.026 ug/l

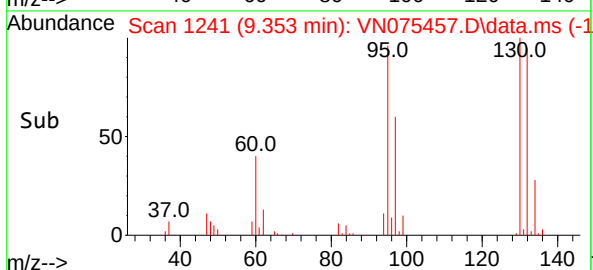
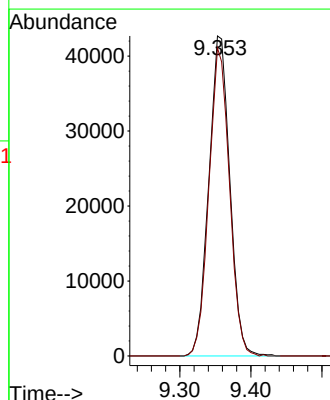
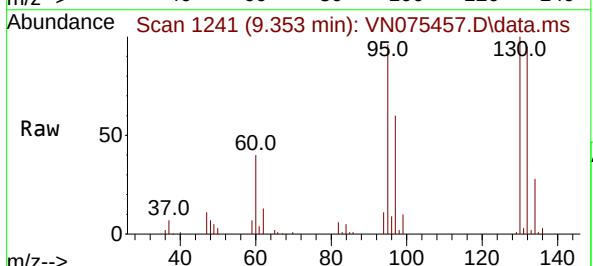
RT: 9.353 min Scan# 1241

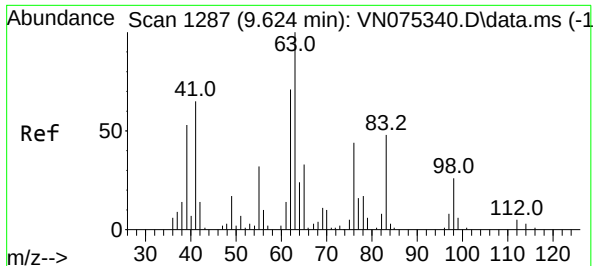
Delta R.T. 0.000 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Tgt Ion:130	Resp: 87794
Ion Ratio	Lower Upper
130	100
95	96.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 49.543 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MS

Tgt Ion: 63 Resp: 75724

Ion Ratio Lower Upper

63 100

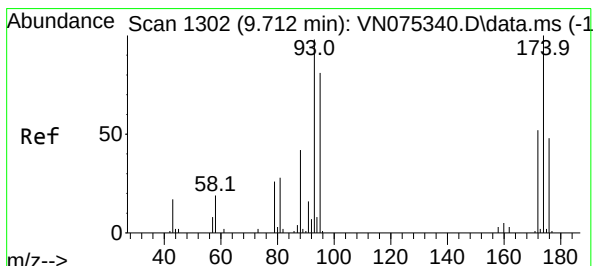
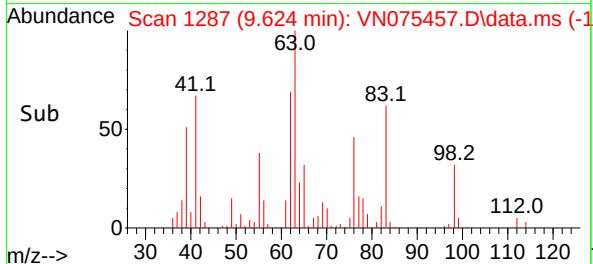
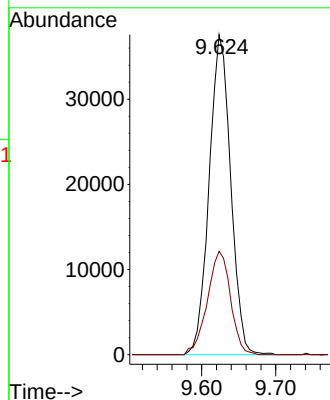
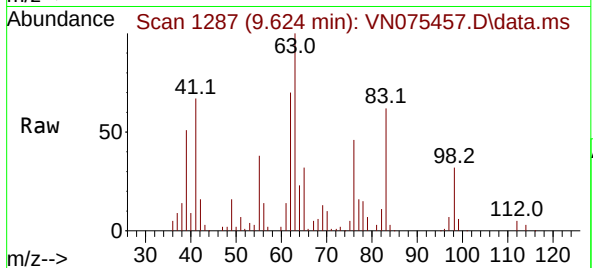
65 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#46

Dibromomethane

Concen: 50.501 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

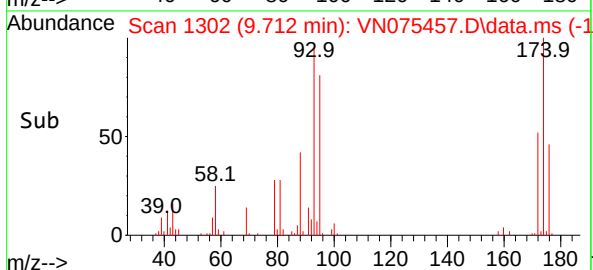
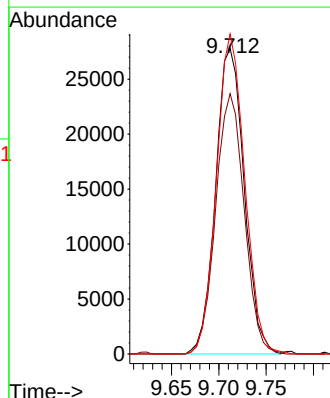
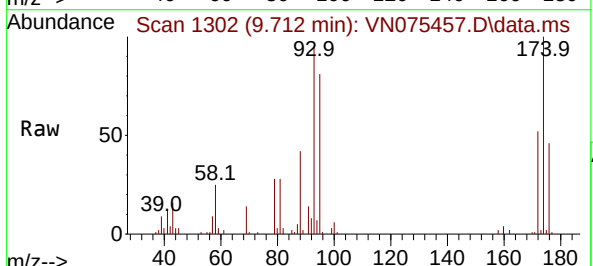
Tgt Ion: 93 Resp: 58383

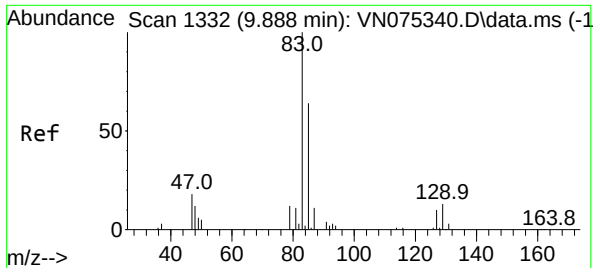
Ion Ratio Lower Upper

93 100

95 85.0 66.6 99.8

174 103.4 70.3 105.5





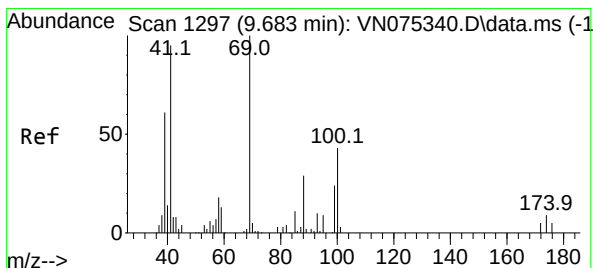
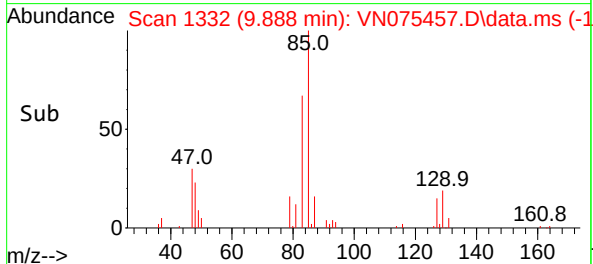
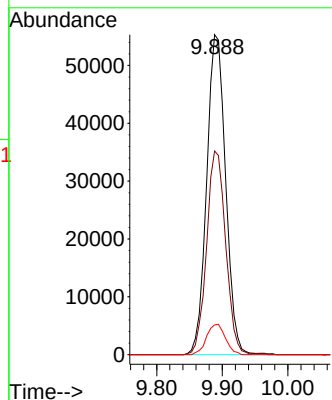
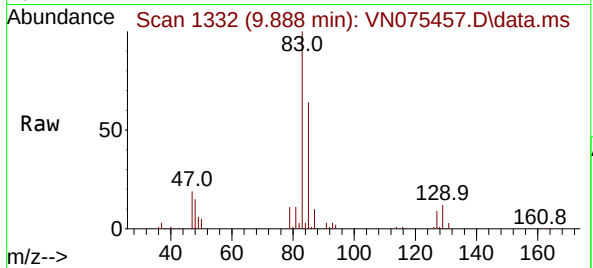
#47
Bromodichloromethane
Concen: 49.712 ug/l
RT: 9.888 min Scan# 11129
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS

Tgt Ion: 83 Resp: 11129
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 9.3 6.6 10.0

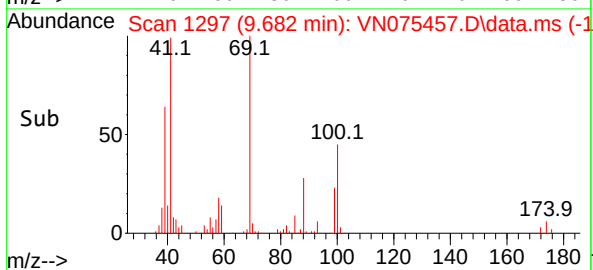
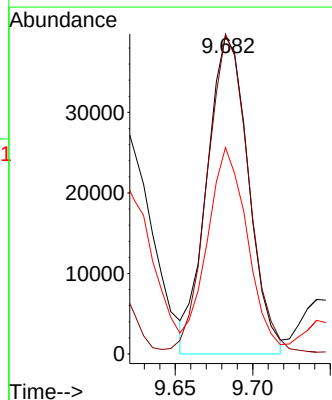
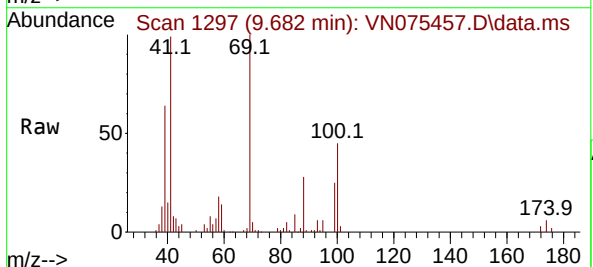
Manual Integrations
APPROVED

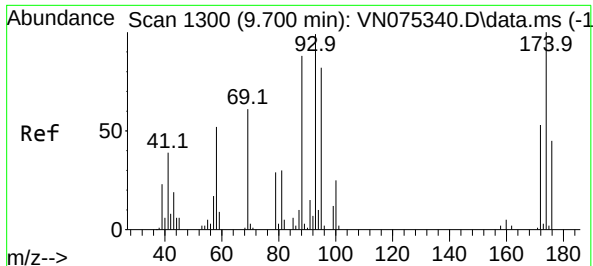
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#48
Methyl methacrylate
Concen: 52.566 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

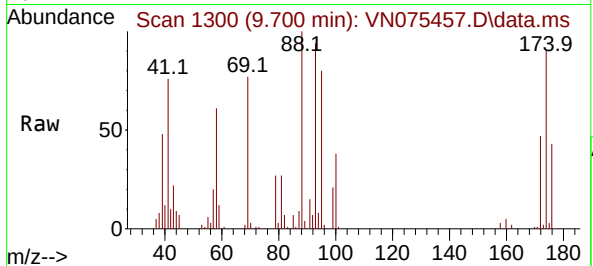
Tgt Ion: 41 Resp: 73592
Ion Ratio Lower Upper
41 100
69 101.1 80.2 120.2
39 63.4 56.2 84.2





#49
1,4-Dioxane
Concen: 1139.431 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

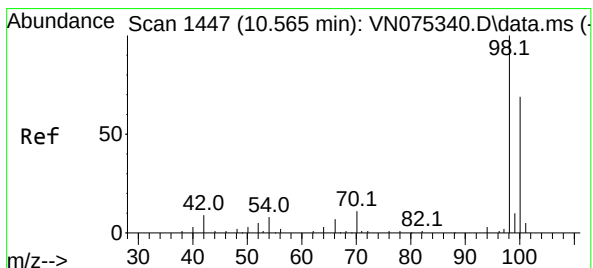
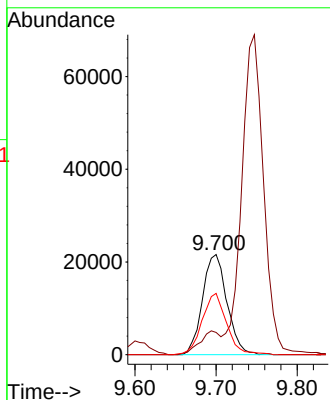
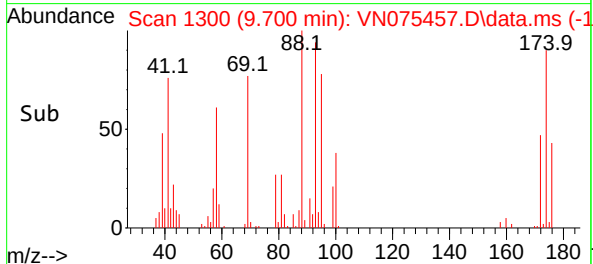
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



Tgt Ion: 88 Resp: 45290
Ion Ratio Lower Upper
88 100
43 20.0 17.5 26.3
58 61.2 49.8 74.8

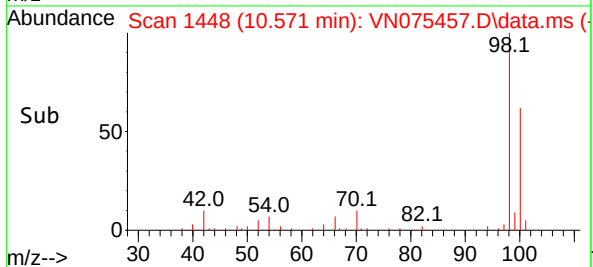
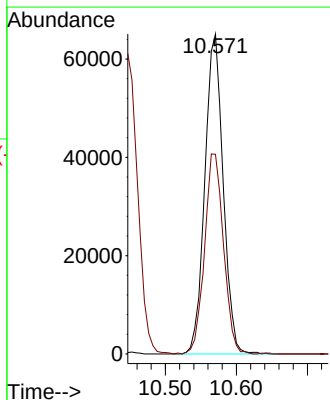
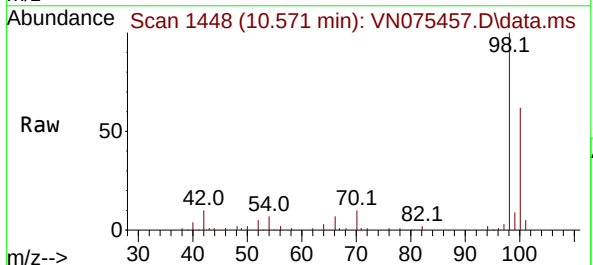
Manual Integrations
APPROVED

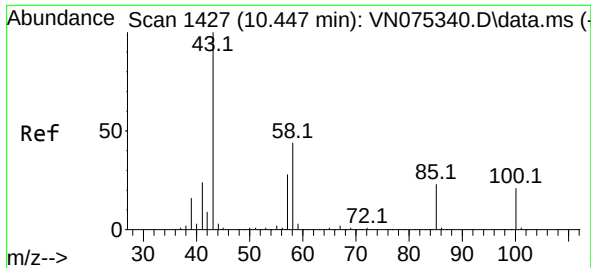
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#50
Toluene-d8
Concen: 53.960 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

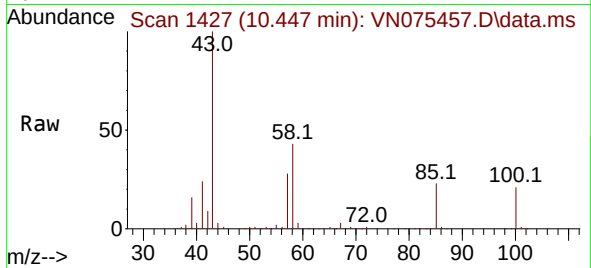
Tgt Ion: 98 Resp: 116744
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 268.884 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

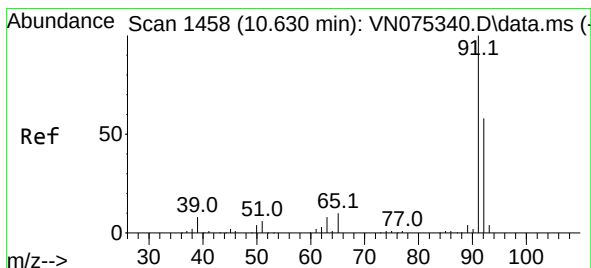
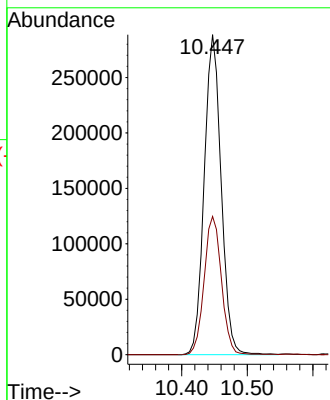
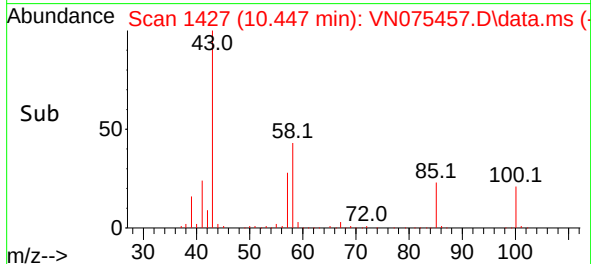
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



Tgt Ion: 43 Resp: 51851
Ion Ratio Lower Upper
43 100
58 44.2 33.6 50.4

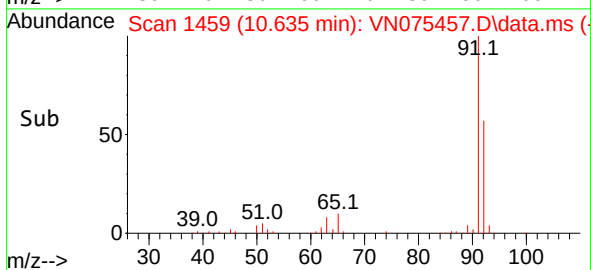
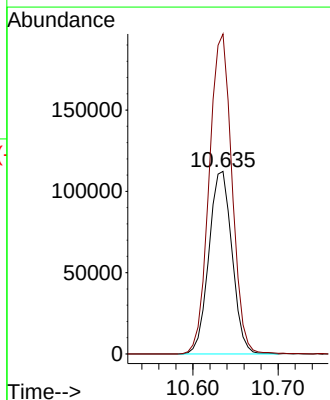
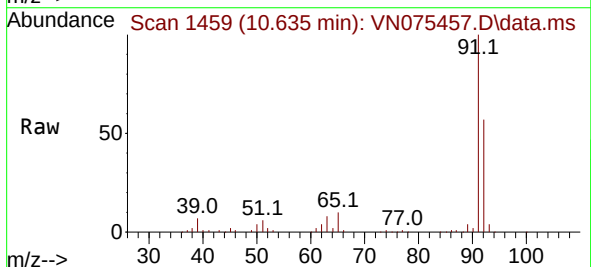
Manual Integrations
APPROVED

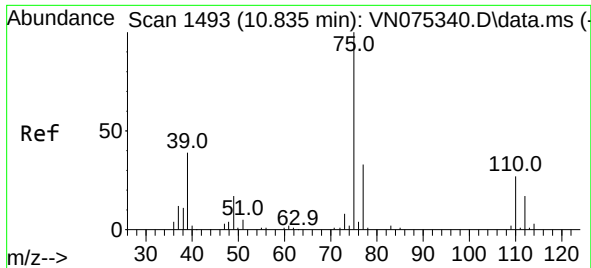
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#52
Toluene
Concen: 51.308 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Tgt Ion: 92 Resp: 212061
Ion Ratio Lower Upper
92 100
91 172.5 135.4 203.2





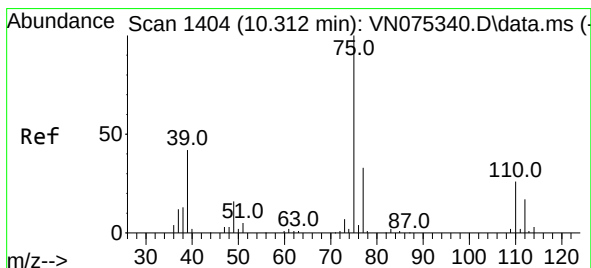
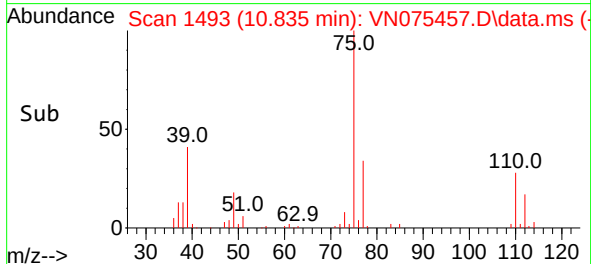
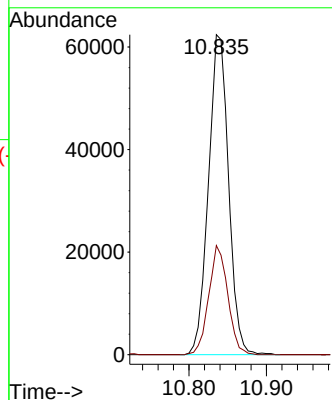
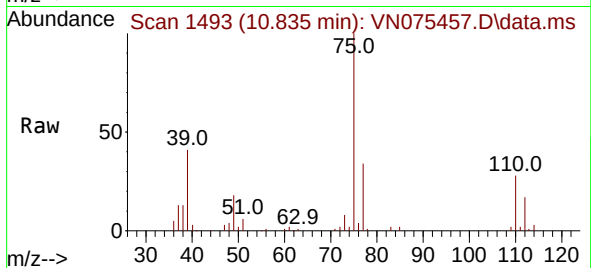
#53
t-1,3-Dichloropropene
Concen: 50.037 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS

Tgt Ion: 75 Resp: 112462
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.2

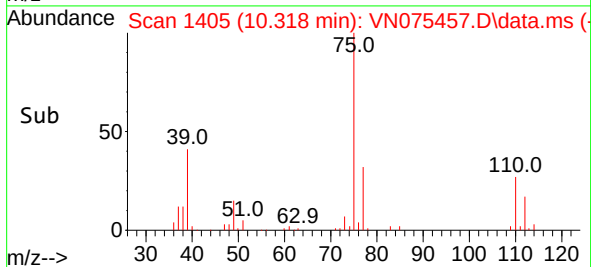
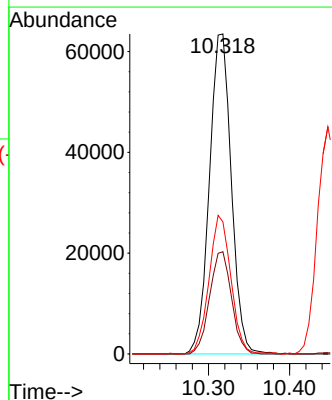
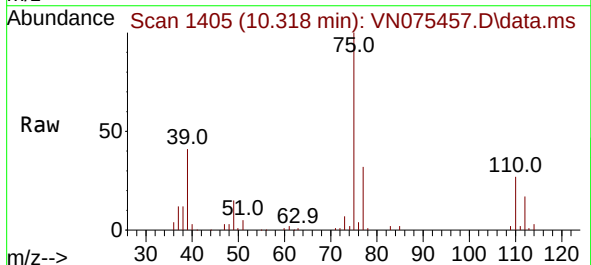
Manual Integrations
APPROVED

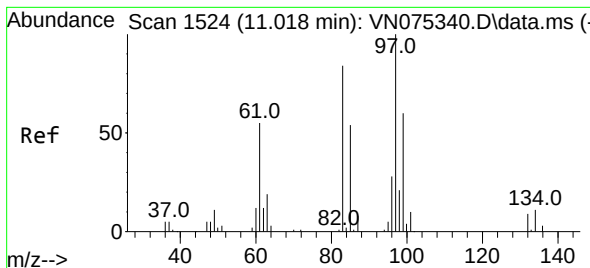
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#54
cis-1,3-Dichloropropene
Concen: 48.670 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

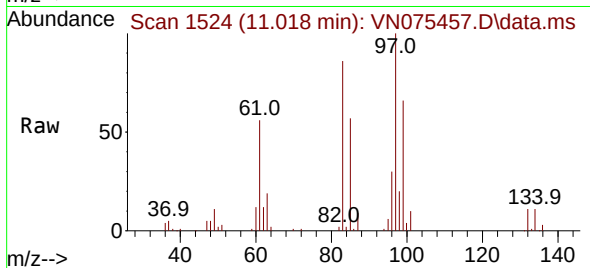
Tgt Ion: 75 Resp: 118807
Ion Ratio Lower Upper
75 100
77 31.9 23.7 35.5
39 41.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 49.882 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

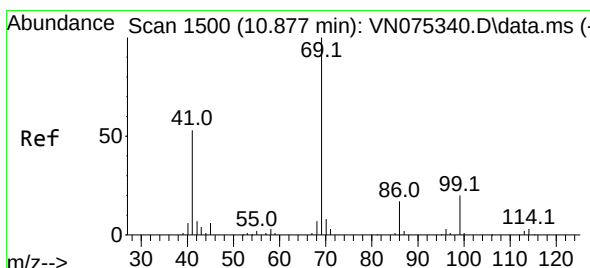
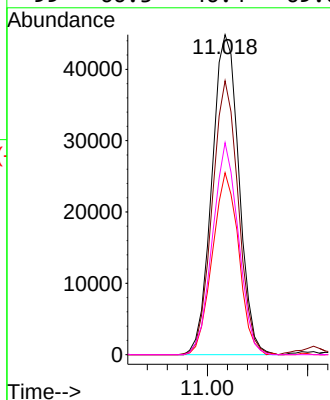
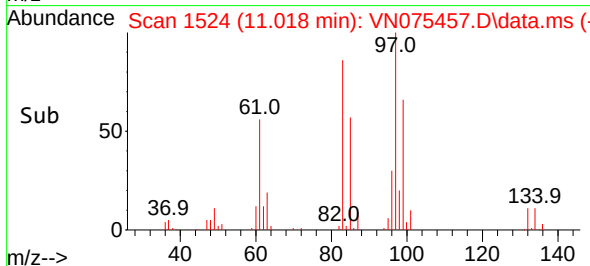
Instrument : MSVOA_N
ClientSampleId : MW181S-20221117MS



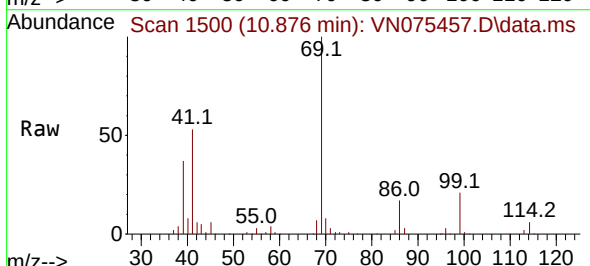
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	65.9	98.9
85	56.9	40.4	60.6
99	66.3	46.4	69.6

Manual Integrations
APPROVED

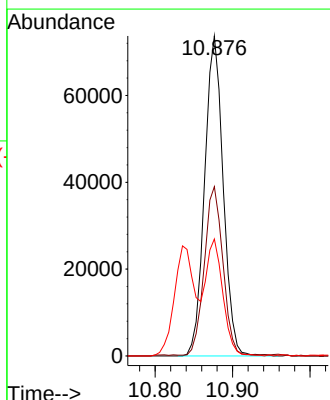
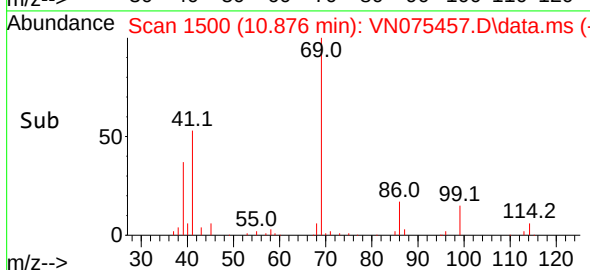
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

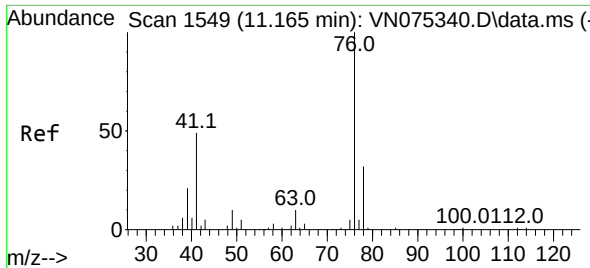


#56
Ethyl methacrylate
Concen: 53.871 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



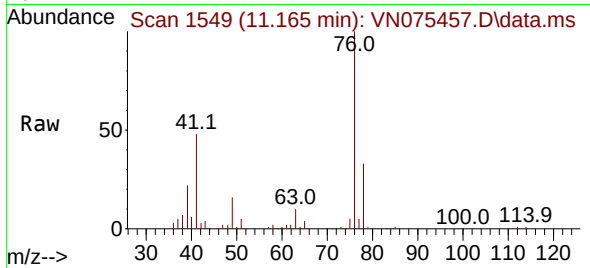
Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.5	45.6	68.4
39	33.1	28.5	42.7





#57
1,3-Dichloropropane
Concen: 50.148 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

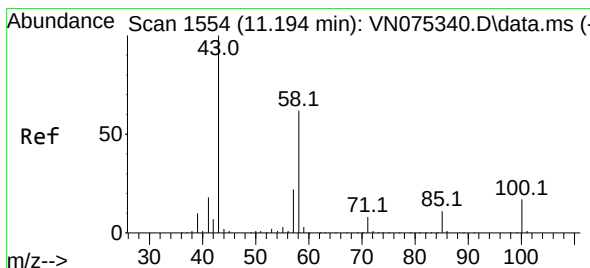
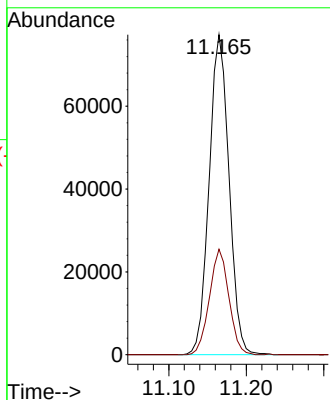
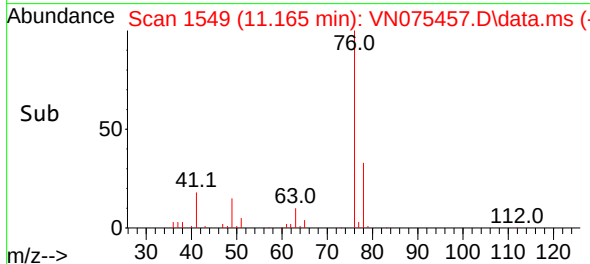
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



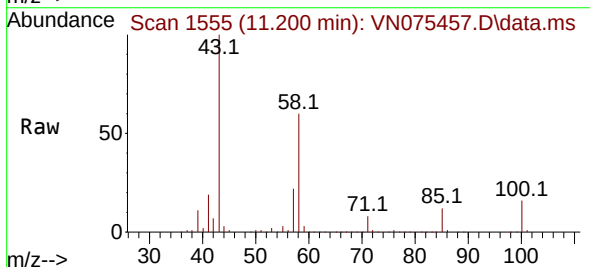
Tgt Ion: 76 Resp: 137648
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

Manual Integrations
APPROVED

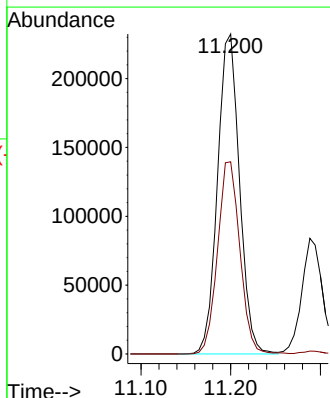
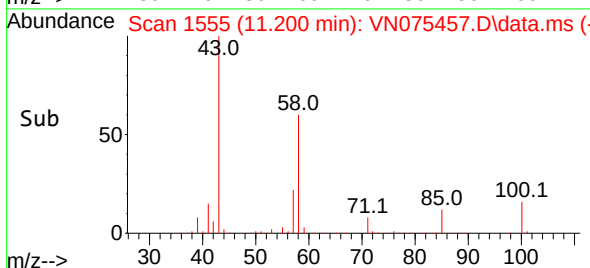
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

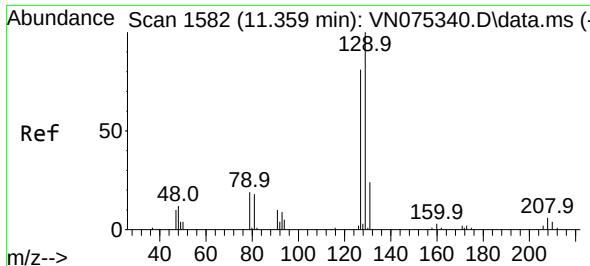


#59
2-Hexanone
Concen: 273.205 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



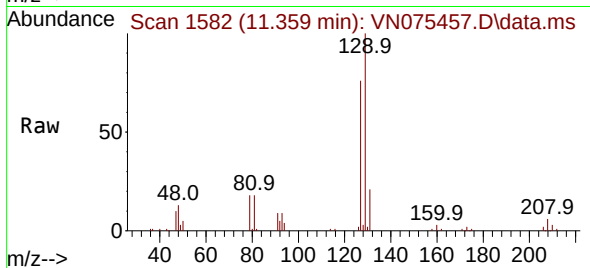
Tgt Ion: 43 Resp: 395610
Ion Ratio Lower Upper
43 100
58 61.0 29.6 88.8





#60
Dibromochloromethane
Concen: 54.990 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

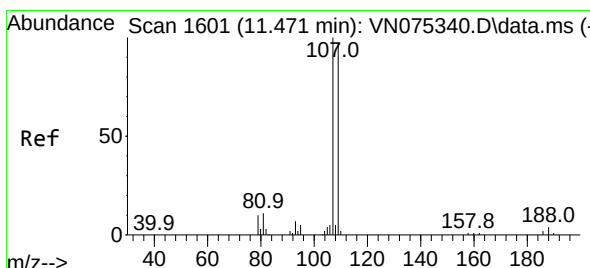
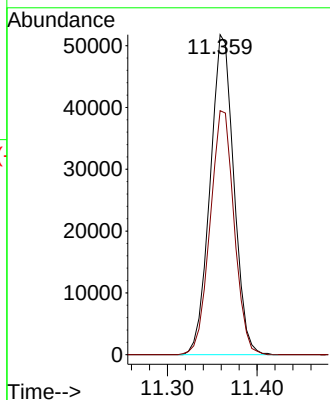
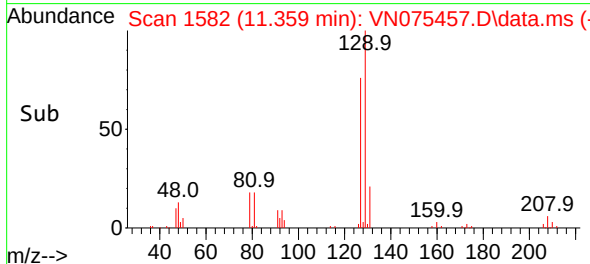
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



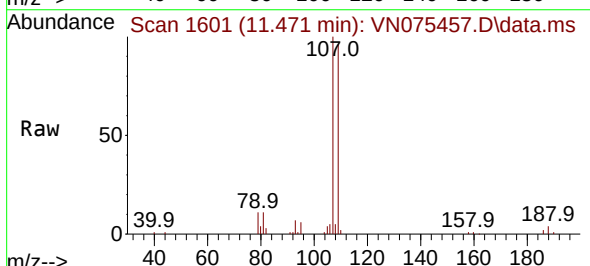
Tgt Ion:129 Resp: 9501
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8

Manual Integrations
APPROVED

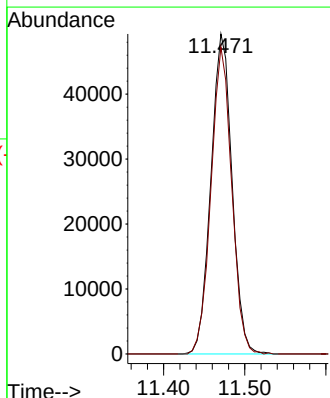
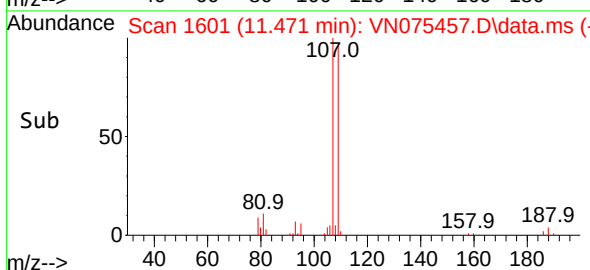
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

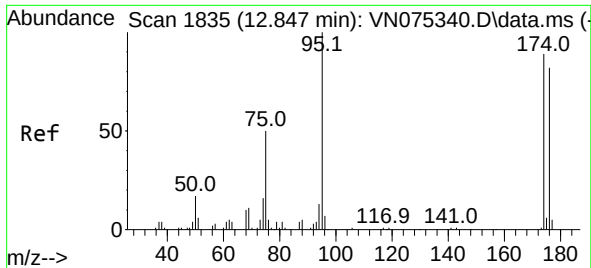


#61
1,2-Dibromoethane
Concen: 51.003 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



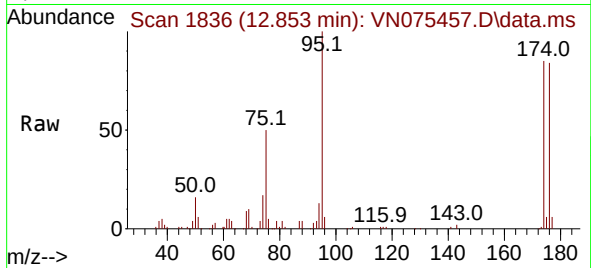
Tgt Ion:107 Resp: 89113
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4





#62
4-Bromofluorobenzene
Concen: 54.096 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

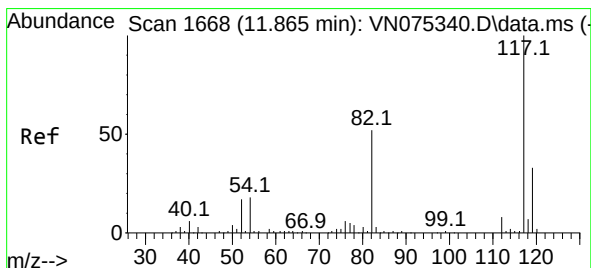
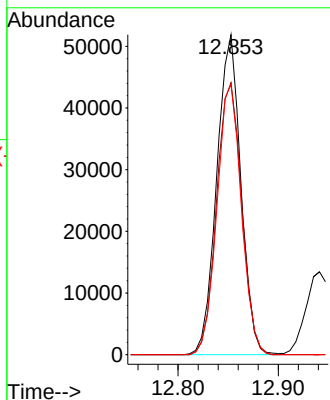
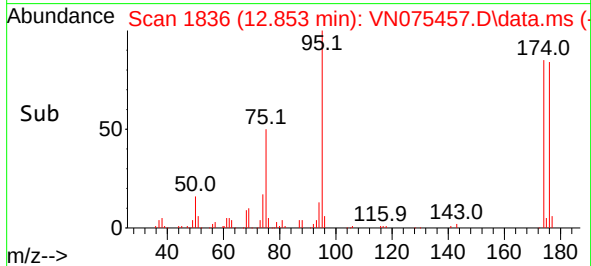
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



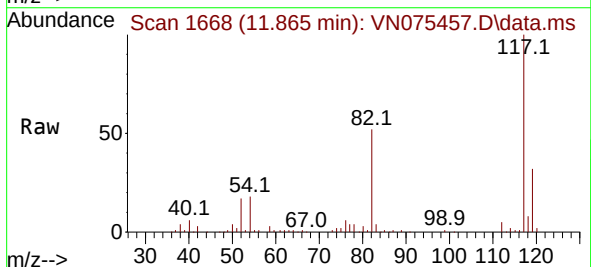
Tgt Ion: 95 Resp: 8638
Ion Ratio Lower Upper
95 100
174 88.7 0.0 147.4
176 85.6 0.0 142.2

Manual Integrations
APPROVED

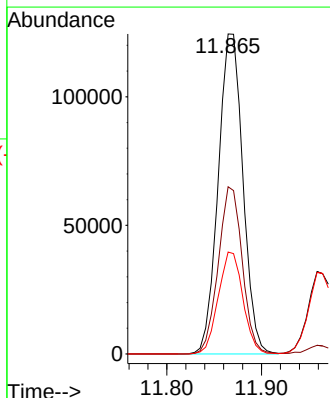
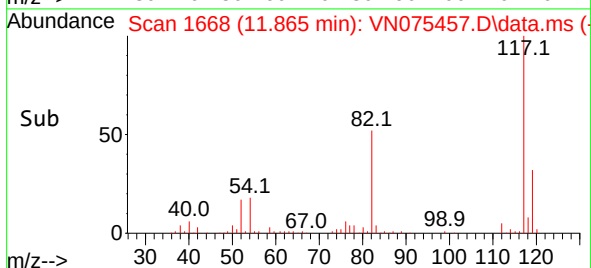
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

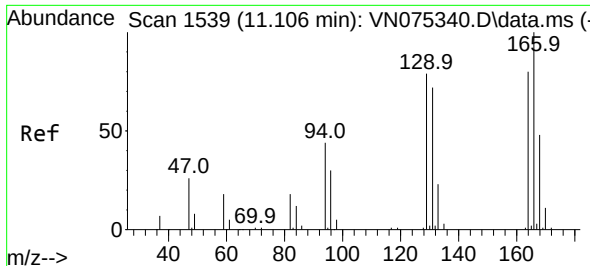


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



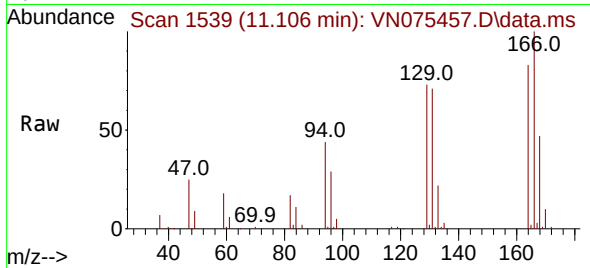
Tgt Ion:117 Resp: 226068
Ion Ratio Lower Upper
117 100
82 52.2 43.1 64.7
119 31.9 25.5 38.3





#64
Tetrachloroethene
Concen: 48.325 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

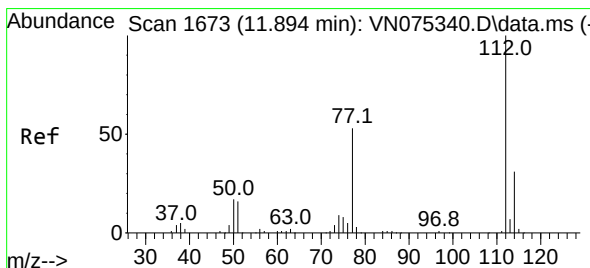
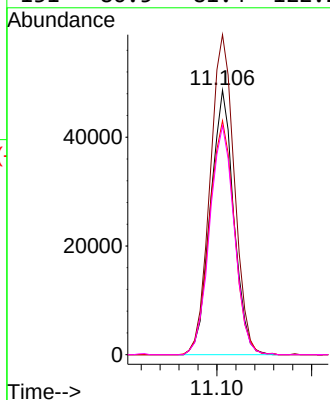
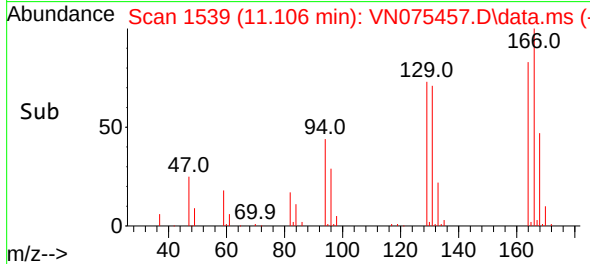
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



Tgt Ion:164 Resp: 83428
Ion Ratio Lower Upper
164 100
166 121.0 106.5 159.7
129 88.4 81.9 122.9
131 86.5 81.4 122.2

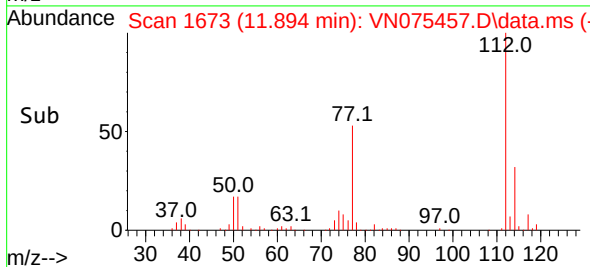
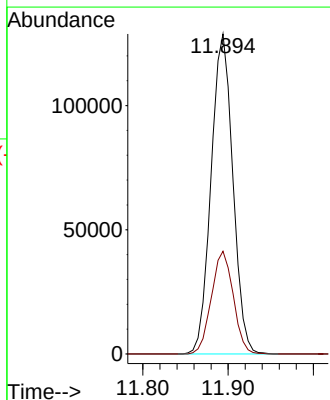
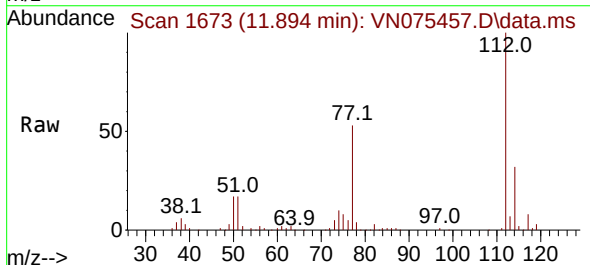
Manual Integrations
APPROVED

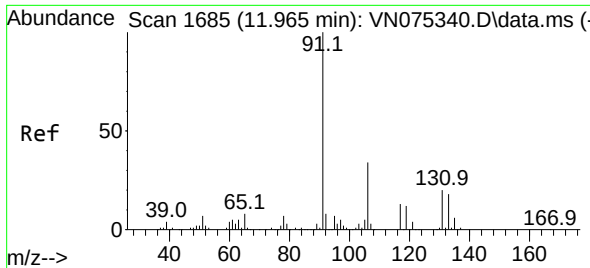
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#65
Chlorobenzene
Concen: 48.915 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

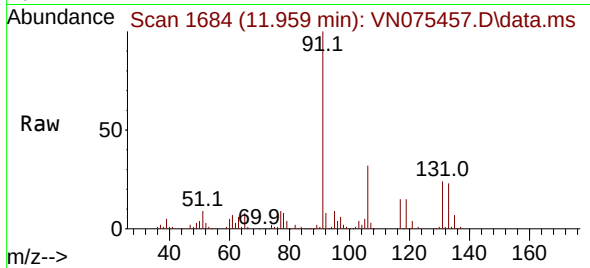
Tgt Ion:112 Resp: 228369
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 50.385 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

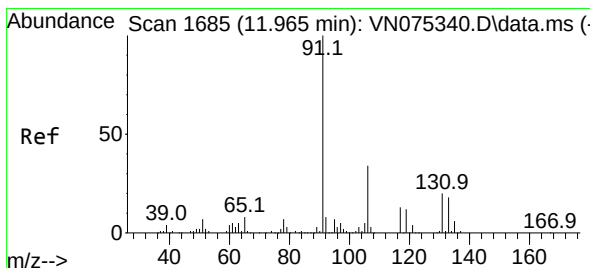
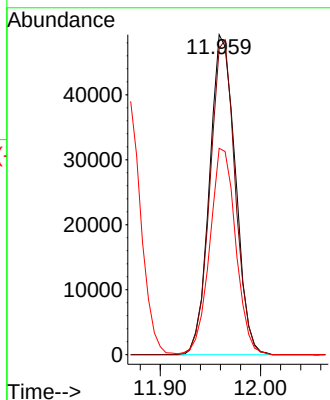
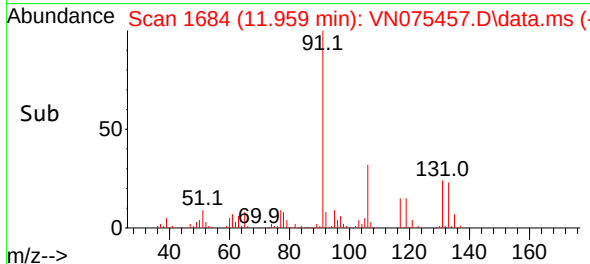
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



Tgt Ion:131 Resp: 8779
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 65.0 33.0 99.0

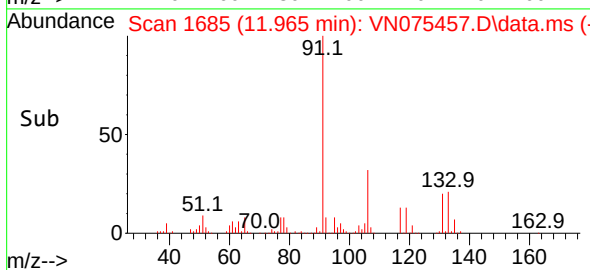
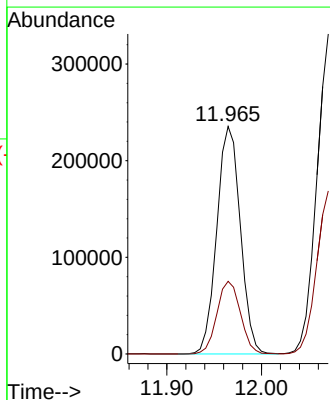
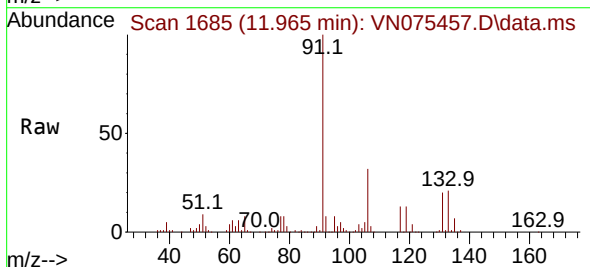
Manual Integrations
APPROVED

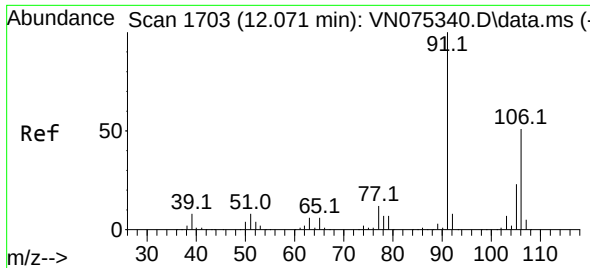
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#67
Ethyl Benzene
Concen: 51.066 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Tgt Ion: 91 Resp: 406745
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3





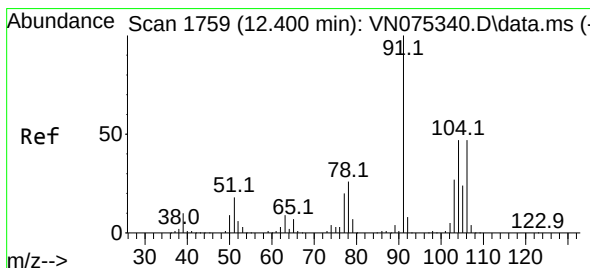
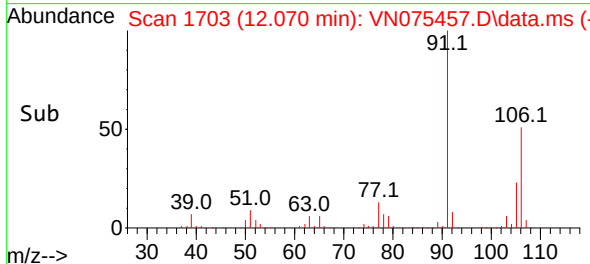
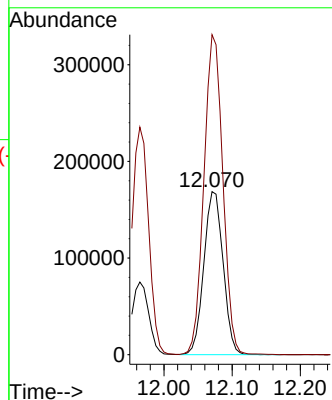
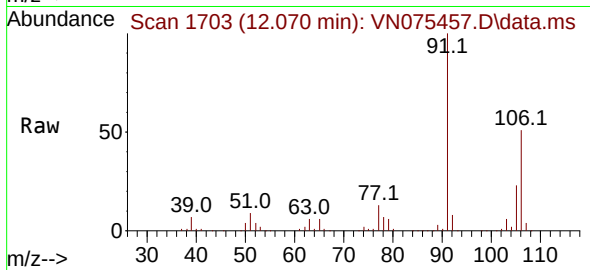
#68
m/p-Xylenes
Concen: 102.499 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS

Tgt Ion:106 Resp: 331534
Ion Ratio Lower Upper
106 100
91 193.1 156.0 234.0

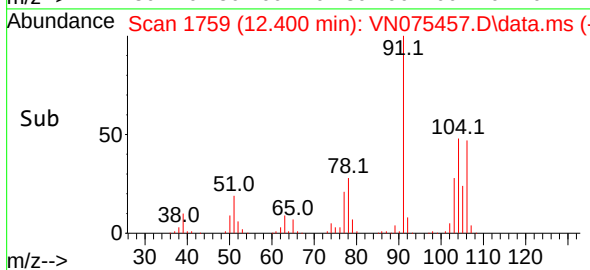
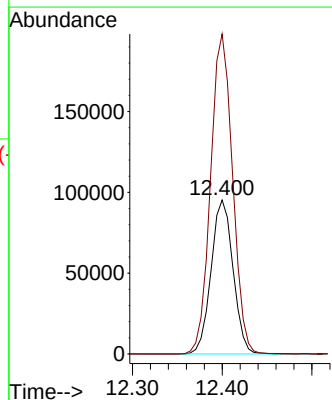
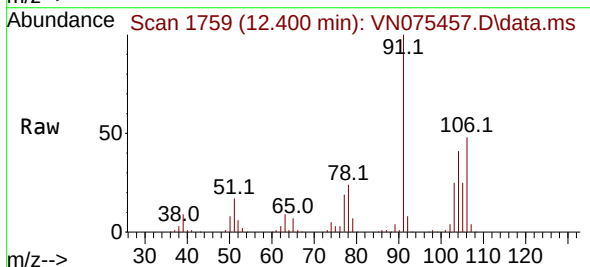
Manual Integrations
APPROVED

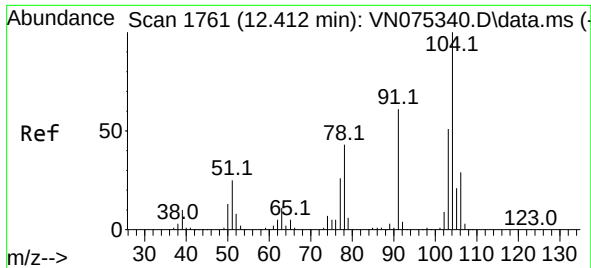
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#69
o-Xylene
Concen: 50.252 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

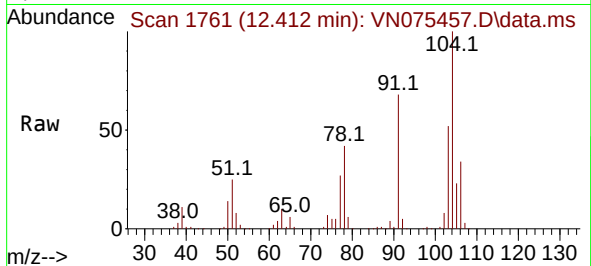
Tgt Ion:106 Resp: 161496
Ion Ratio Lower Upper
106 100
91 209.1 105.2 315.5





#70
Styrene
Concen: 52.350 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

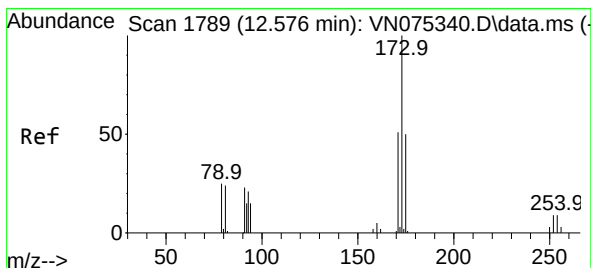
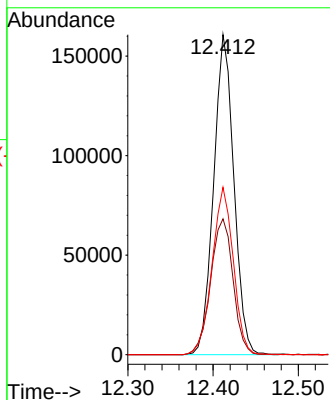
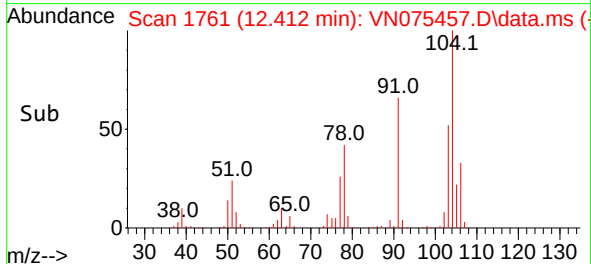
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



Tgt Ion:104 Resp: 265398
Ion Ratio Lower Upper
104 100
78 46.8 38.1 57.1
103 54.8 44.6 66.8

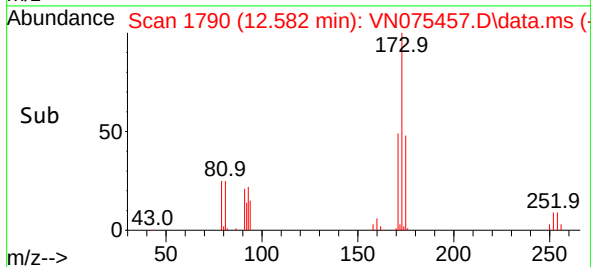
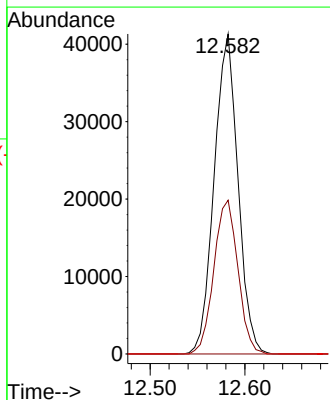
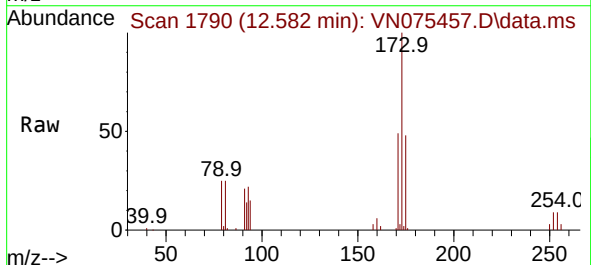
Manual Integrations
APPROVED

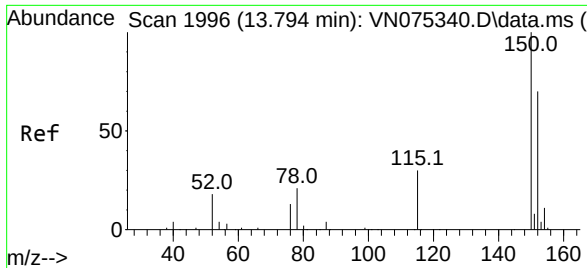
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#71
Bromoform
Concen: 54.324 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

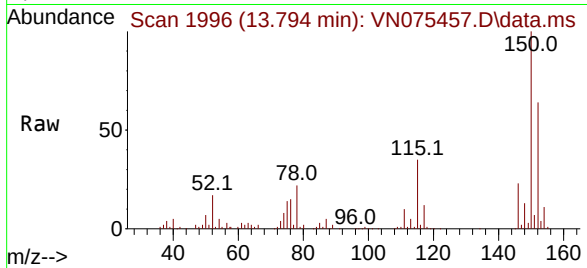
Tgt Ion:173 Resp: 72042
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

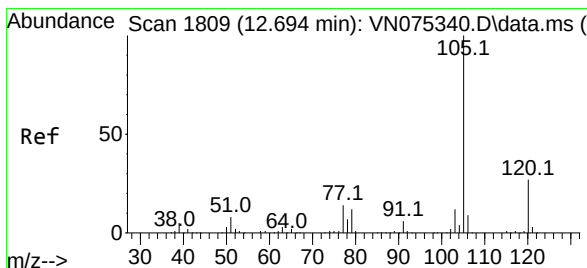
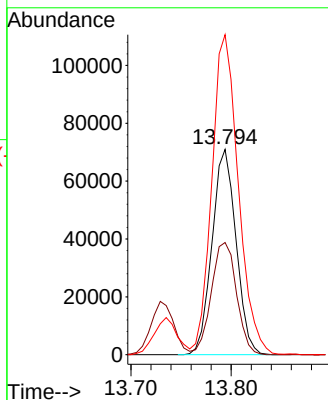
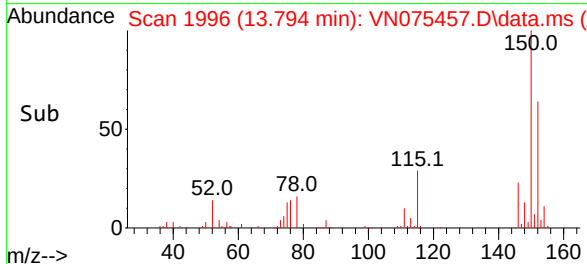
Instrument : MSVOA_N
ClientSampleId : MW181S-20221117MS



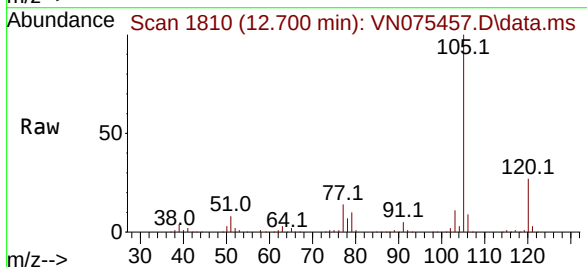
Tgt Ion:152 Resp: 117979
Ion Ratio Lower Upper
152 100
115 57.4 30.2 90.6
150 172.2 0.0 348.4

Manual Integrations
APPROVED

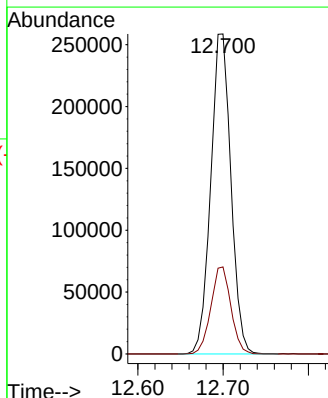
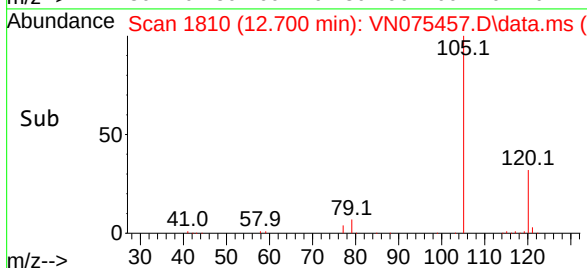
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

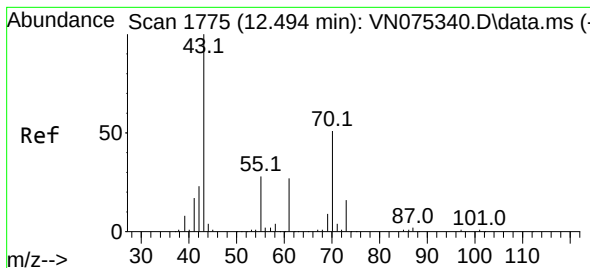


#73
Isopropylbenzene
Concen: 49.382 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



Tgt Ion:105 Resp: 425651
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1





#74

N-amy1 acetate

Concen: 50.072 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MS

Tgt Ion: 43 Resp: 13268

Ion Ratio Lower Upper

43 100

70 51.3 39.8 59.8

55 27.6 19.9 29.9

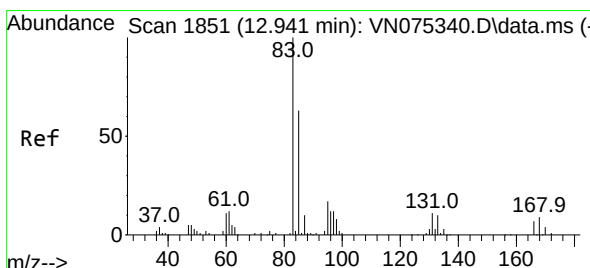
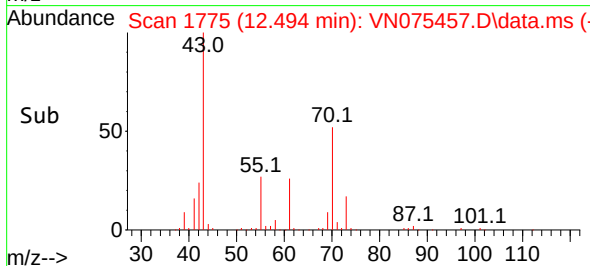
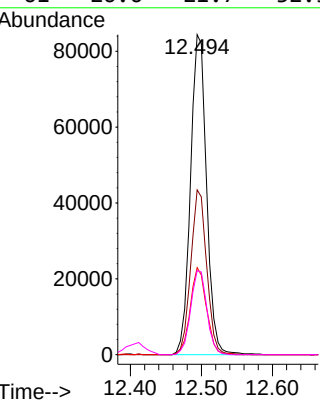
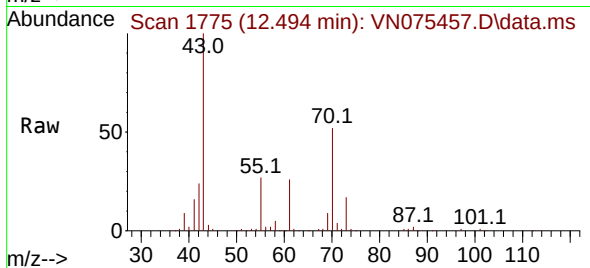
61 26.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#75

1,1,2,2-Tetrachloroethane

Concen: 50.022 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

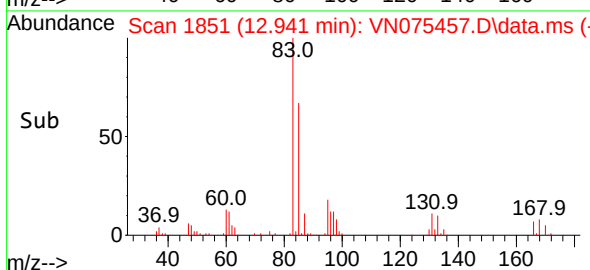
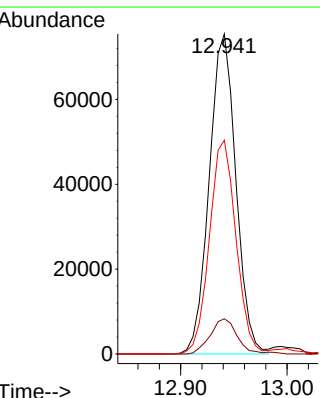
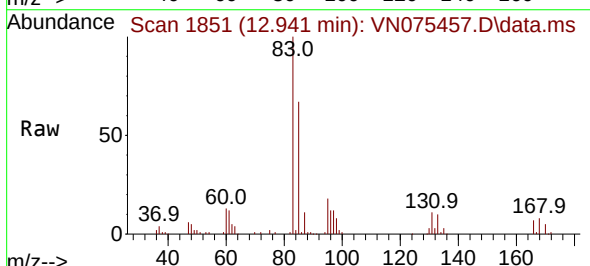
Tgt Ion: 83 Resp: 131451

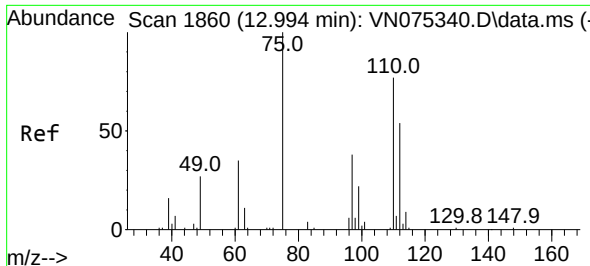
Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.3

85 66.4 31.6 94.7





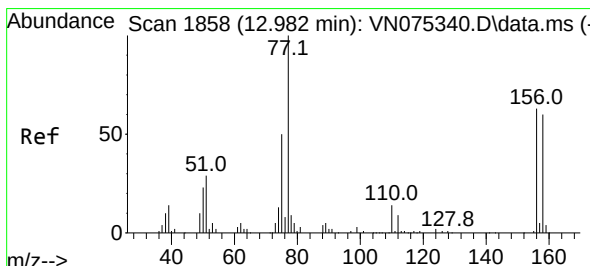
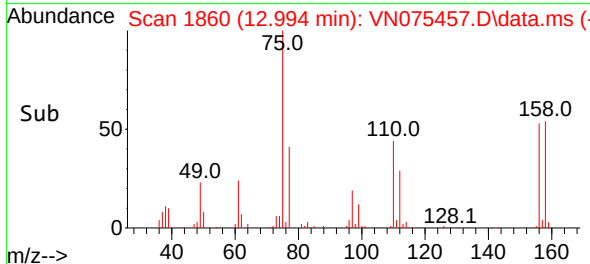
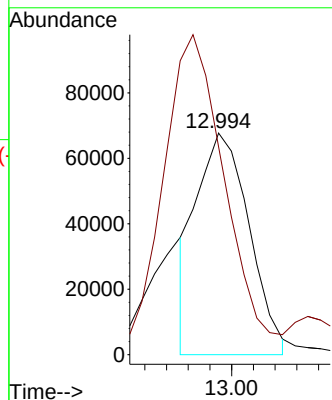
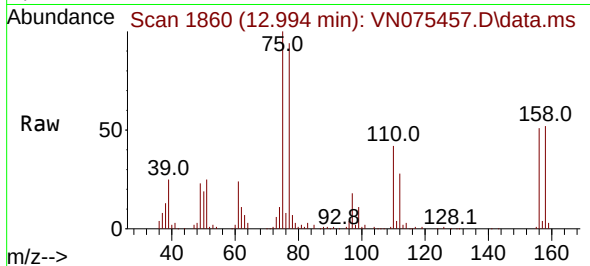
#76
1,2,3-Trichloropropane
Concen: 51.112 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS

Tgt Ion: 75 Resp: 114015
Ion Ratio Lower Upper
75 100
77 170.5 75.6 226.8

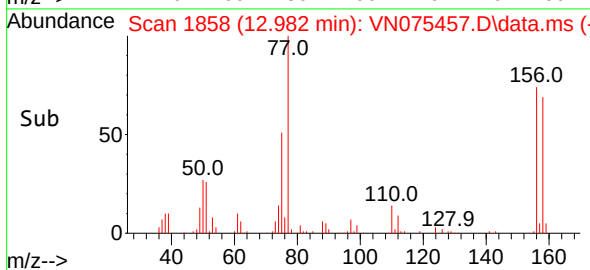
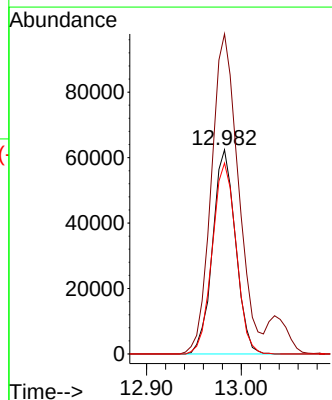
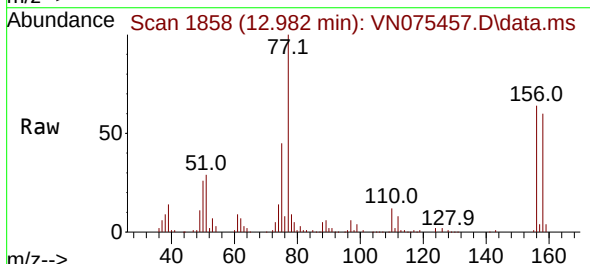
Manual Integrations
APPROVED

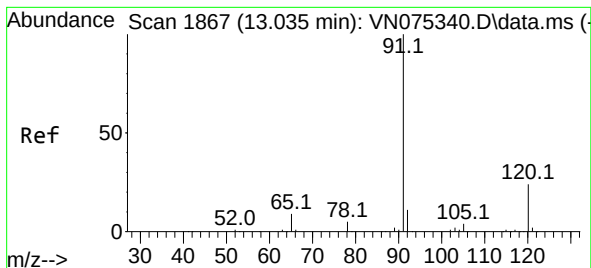
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#77
Bromobenzene
Concen: 49.204 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Tgt Ion:156 Resp: 104705
Ion Ratio Lower Upper
156 100
77 185.7 108.5 325.5
158 97.2 47.7 143.1





#78

n-propylbenzene

Concen: 49.828 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN075457.D

Acq: 28 Nov 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW181S-20221117MS

Tgt Ion: 91 Resp: 47931

Ion Ratio Lower Upper

91 100

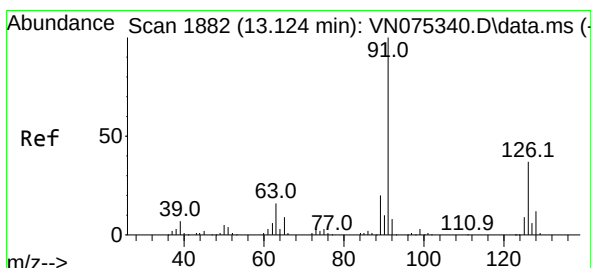
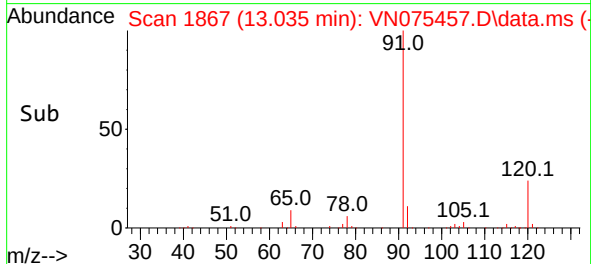
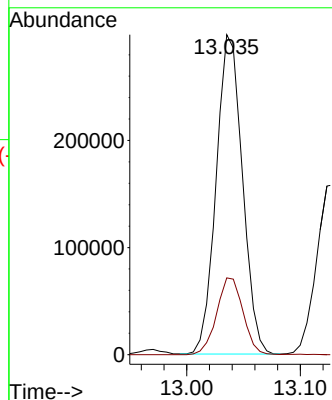
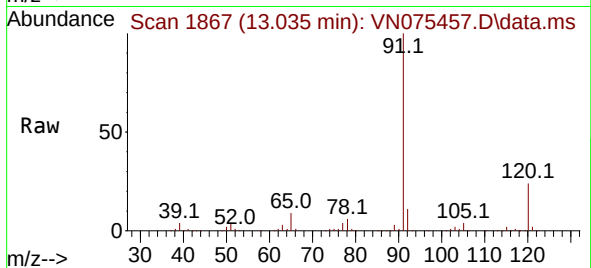
120 24.1 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#79

2-Chlorotoluene

Concen: 49.188 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.005 min

Lab File: VN075457.D

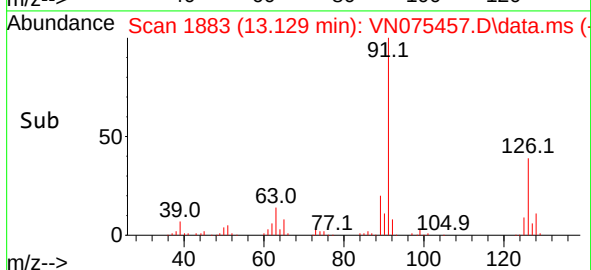
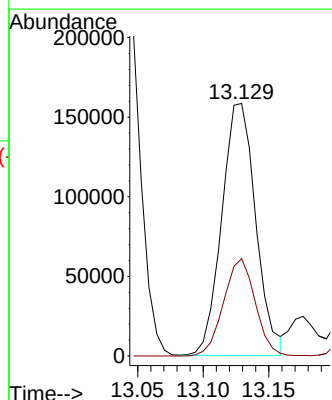
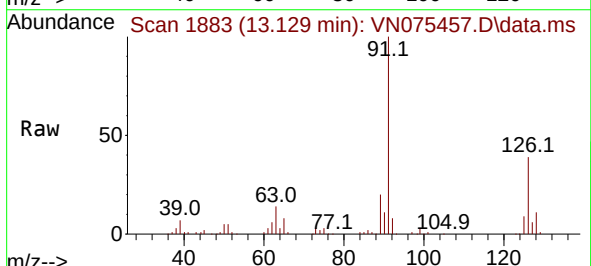
Acq: 28 Nov 2022 18:35

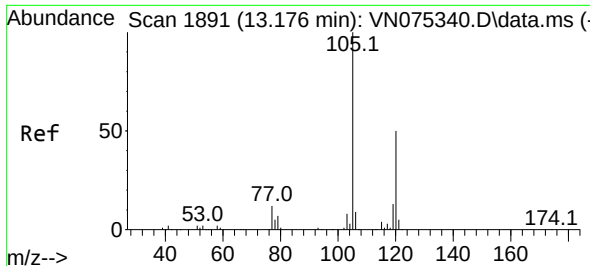
Tgt Ion: 91 Resp: 285087

Ion Ratio Lower Upper

91 100

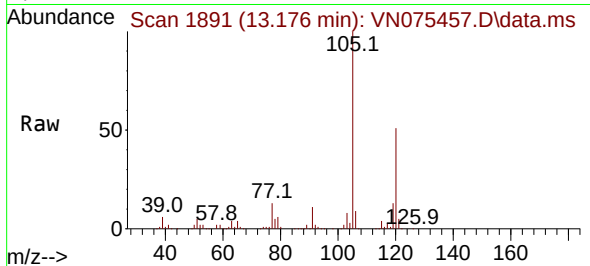
126 36.0 16.9 50.7





#80
1,3,5-Trimethylbenzene
Concen: 51.316 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

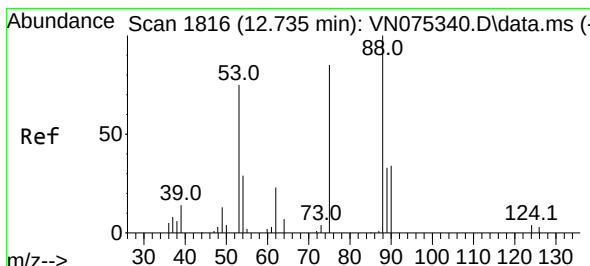
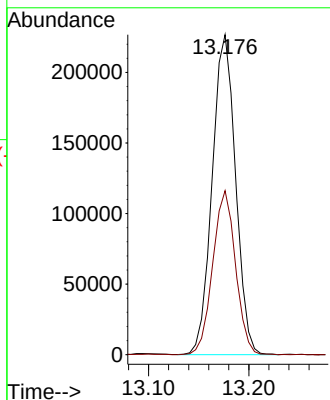
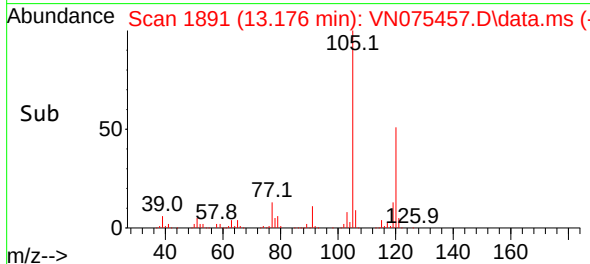
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



Tgt Ion:105 Resp: 367480
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1

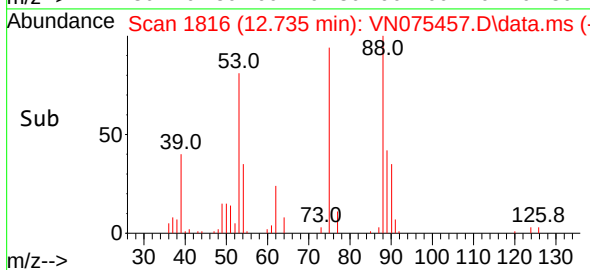
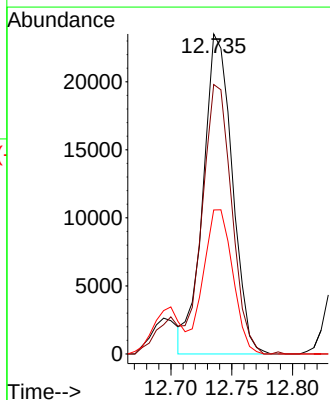
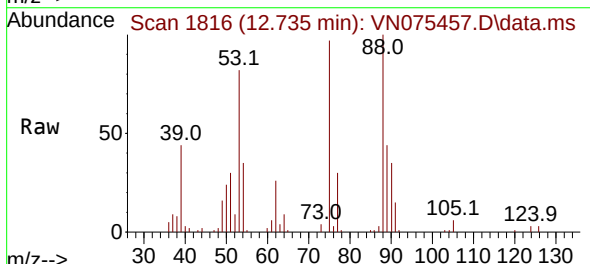
Manual Integrations
APPROVED

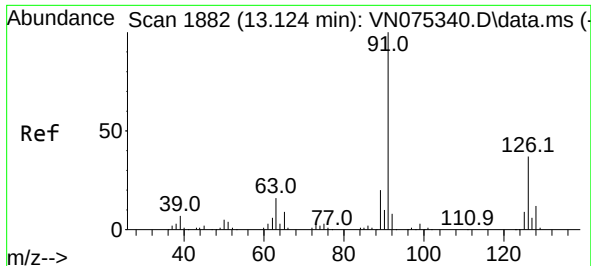
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#81
trans-1,4-Dichloro-2-butene
Concen: 51.992 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Tgt Ion: 75 Resp: 39198
Ion Ratio Lower Upper
75 100
53 85.5 78.5 117.7
89 45.4 37.7 56.5





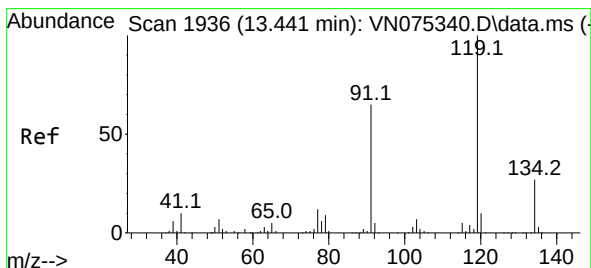
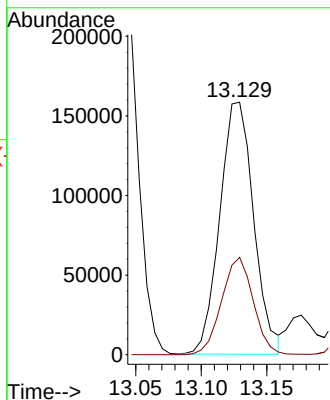
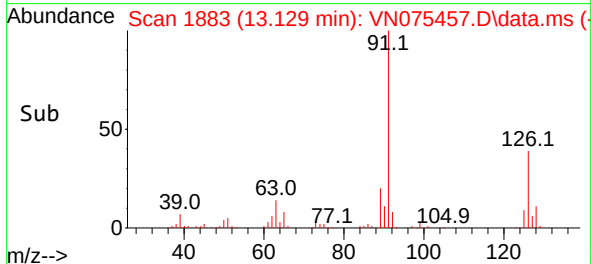
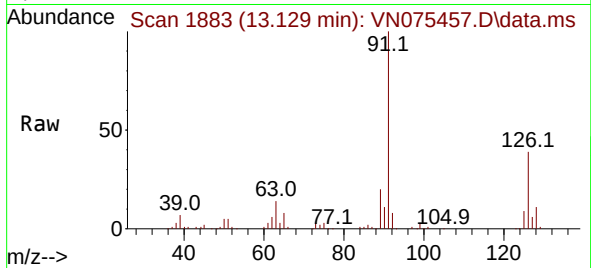
#82
4-Chlorotoluene
Concen: 49.188 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS

Tgt Ion: 91 Resp: 28508
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.7

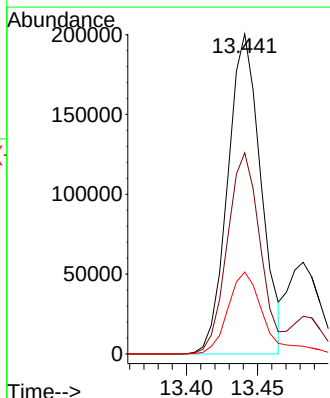
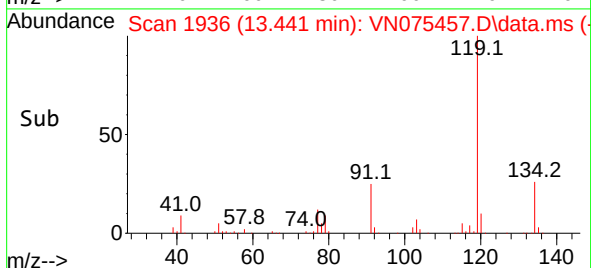
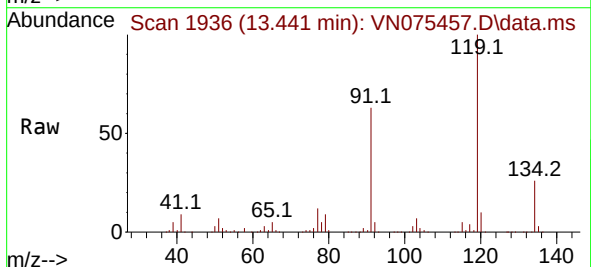
Manual Integrations
APPROVED

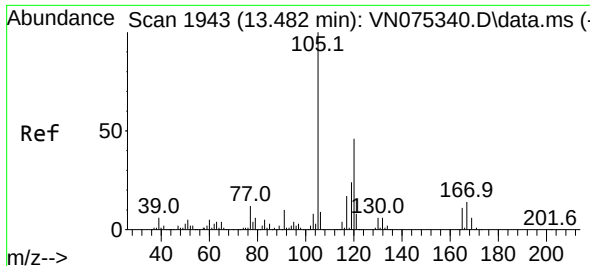
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#83
tert-Butylbenzene
Concen: 49.716 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

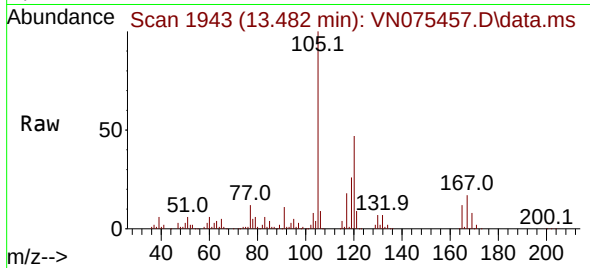
Tgt Ion:119 Resp: 324609
Ion Ratio Lower Upper
119 100
91 63.8 32.8 98.4
134 28.0 12.3 36.9





#84
1,2,4-Trimethylbenzene
Concen: 51.393 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

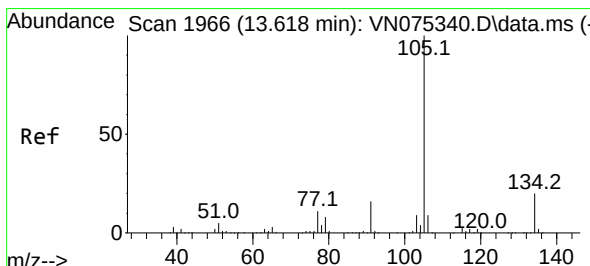
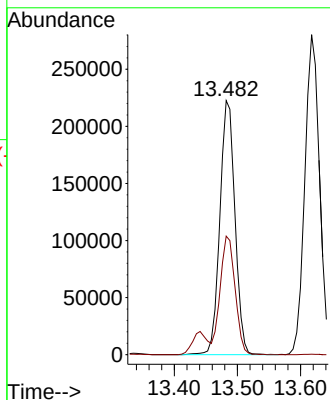
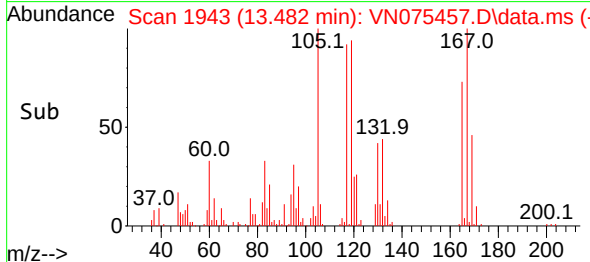
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



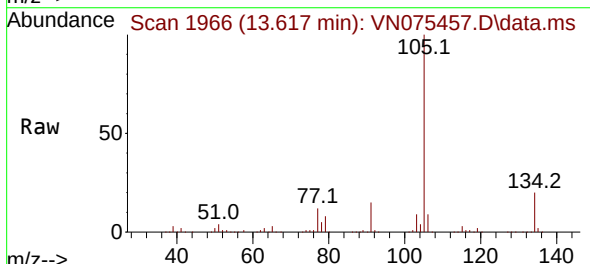
Tgt Ion:105 Resp: 369162
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1

Manual Integrations
APPROVED

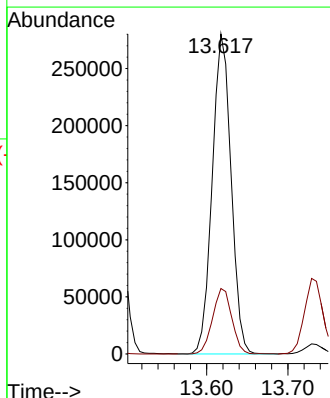
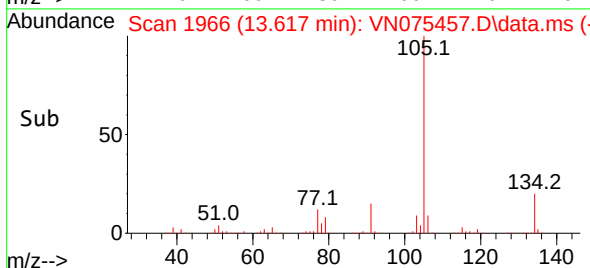
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

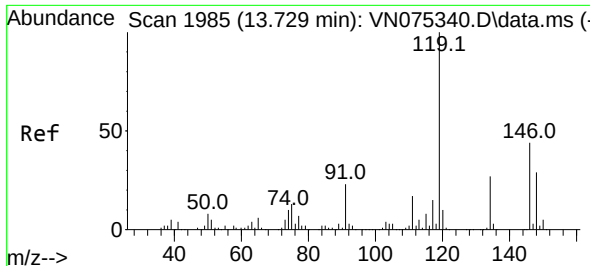


#85
sec-Butylbenzene
Concen: 51.109 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. -0.001 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



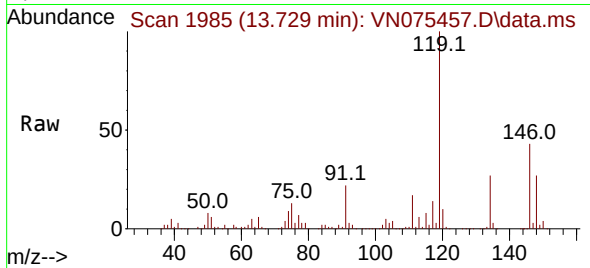
Tgt Ion:105 Resp: 452790
Ion Ratio Lower Upper
105 100
134 20.9 10.2 30.6





#86
p-Isopropyltoluene
Concen: 51.875 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

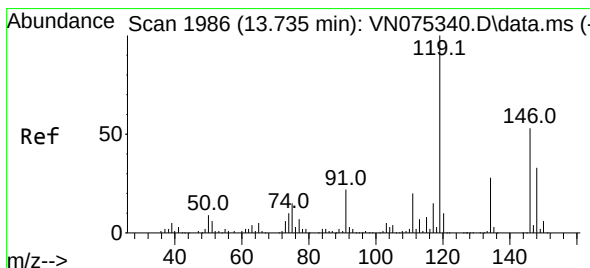
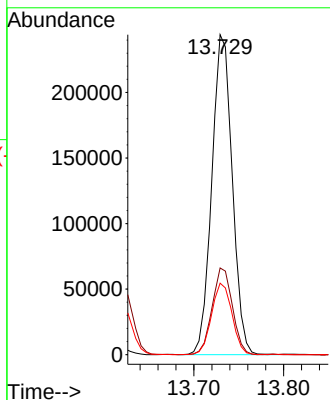
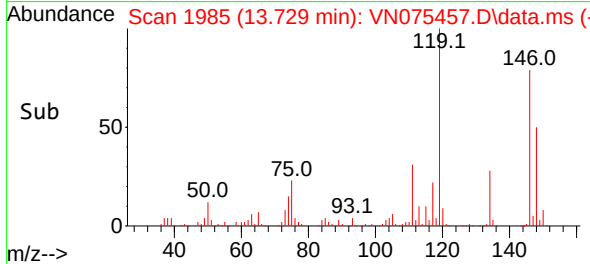
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



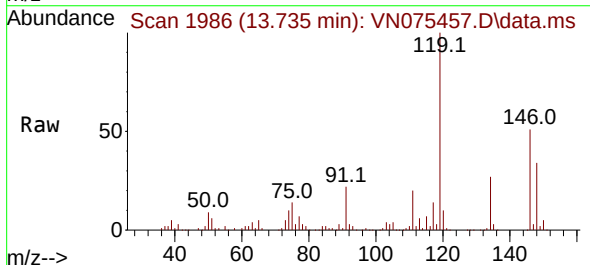
Tgt Ion:119 Resp: 38667
Ion Ratio Lower Upper
119 100
134 26.8 13.1 39.3
91 22.4 11.9 35.5

Manual Integrations
APPROVED

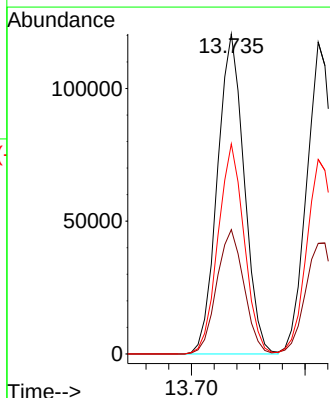
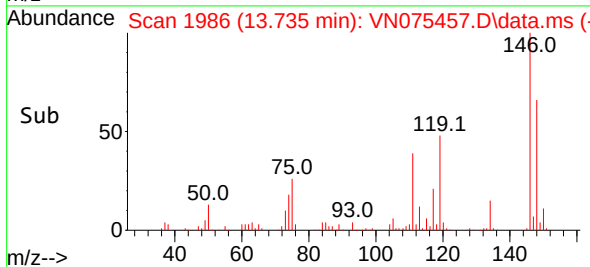
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

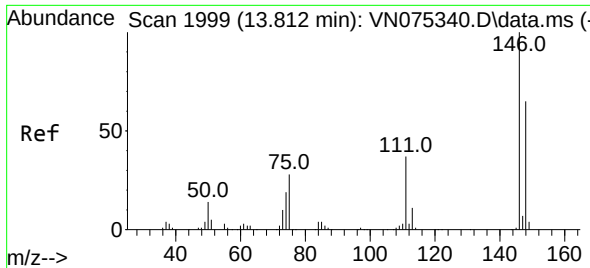


#87
1,3-Dichlorobenzene
Concen: 48.949 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



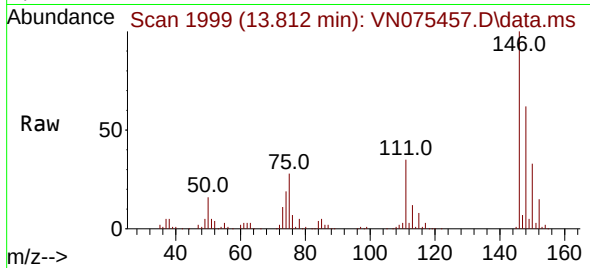
Tgt Ion:146 Resp: 197356
Ion Ratio Lower Upper
146 100
111 39.5 20.8 62.5
148 64.1 31.1 93.5





#88
1,4-Dichlorobenzene
Concen: 47.625 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

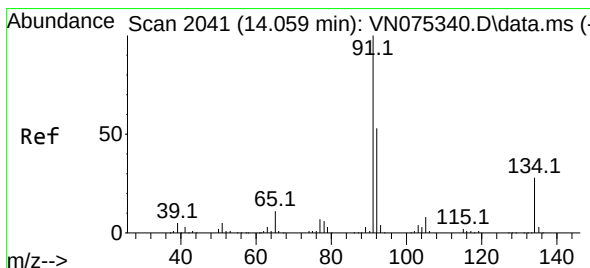
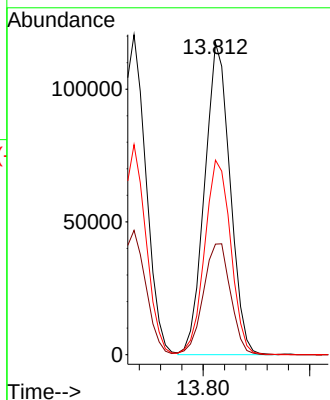
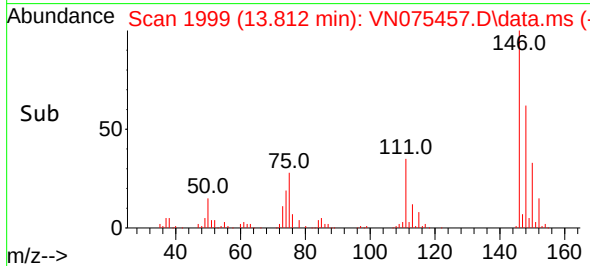
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



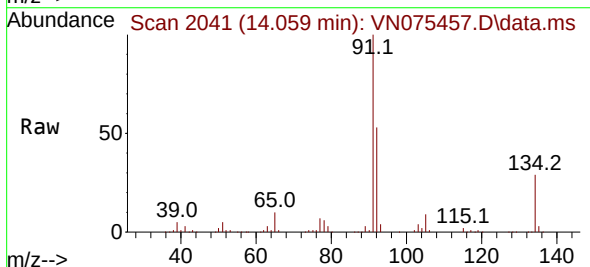
Tgt Ion:146 Resp: 19505
Ion Ratio Lower Upper
146 100
111 38.1 20.1 60.3
148 64.1 31.9 95.7

Manual Integrations
APPROVED

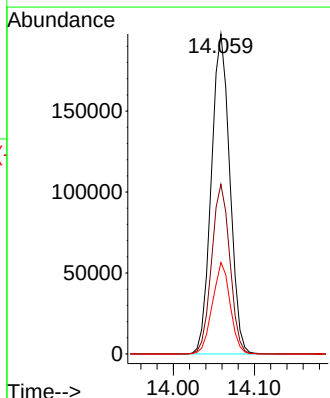
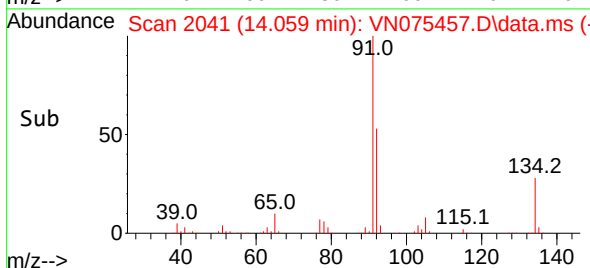
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

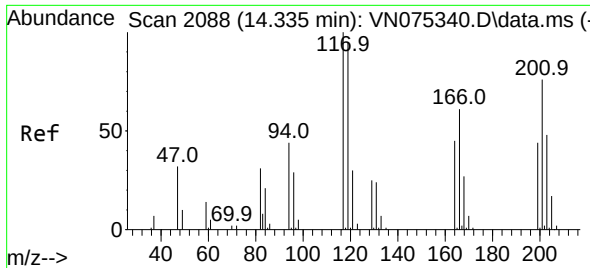


#89
n-Butylbenzene
Concen: 49.687 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



Tgt Ion: 91 Resp: 312805
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.4
134 27.4 13.0 39.0





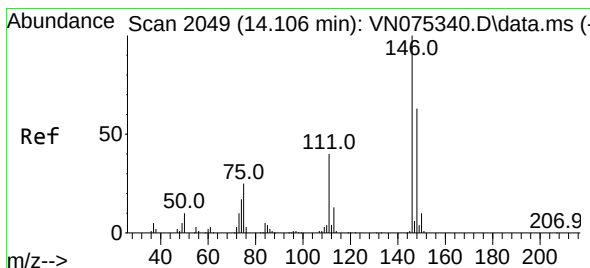
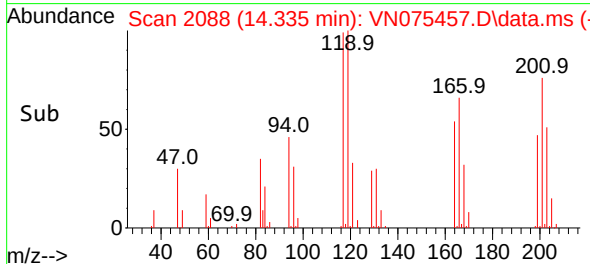
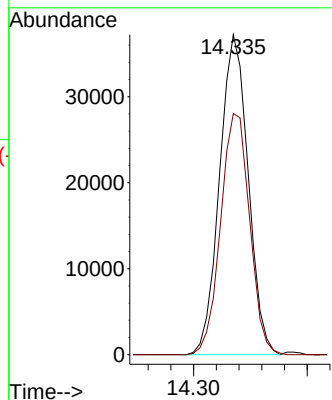
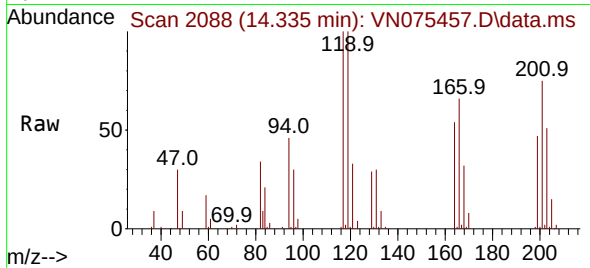
#90
Hexachloroethane
Concen: 50.593 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS

Tgt Ion:117 Resp: 6505
Ion Ratio Lower Upper
117 100
201 76.4 31.5 94.5

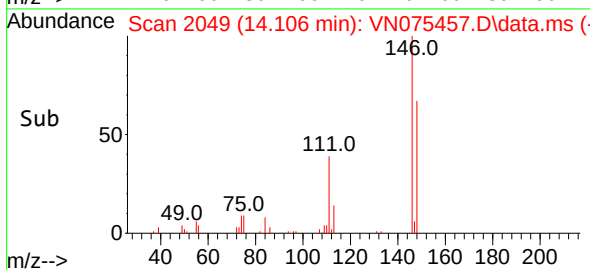
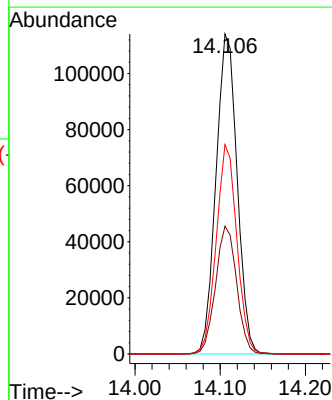
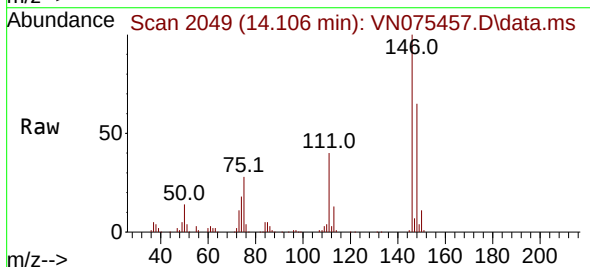
Manual Integrations
APPROVED

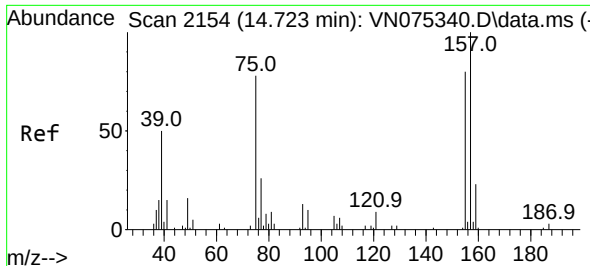
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#91
1,2-Dichlorobenzene
Concen: 50.031 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

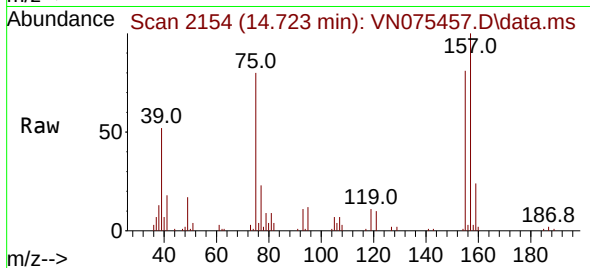
Tgt Ion:146 Resp: 196624
Ion Ratio Lower Upper
146 100
111 39.8 21.3 63.9
148 64.0 31.4 94.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 51.415 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

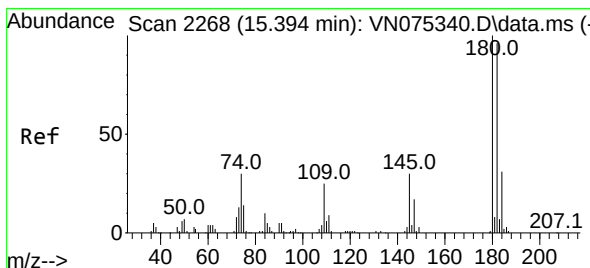
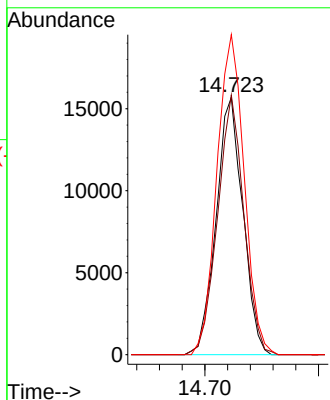
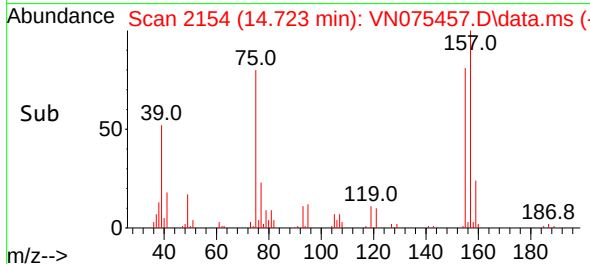
Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS



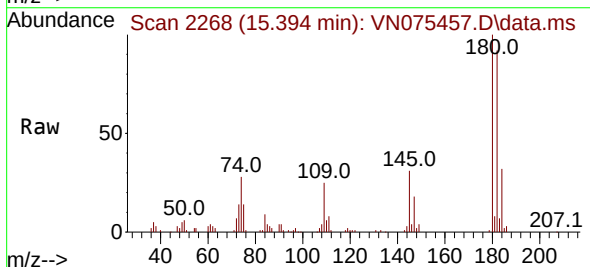
Tgt Ion: 75 Resp: 25594
Ion Ratio Lower Upper
75 100
155 99.2 42.1 126.3
157 127.2 51.7 155.1

Manual Integrations
APPROVED

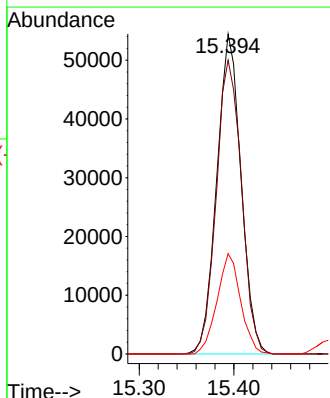
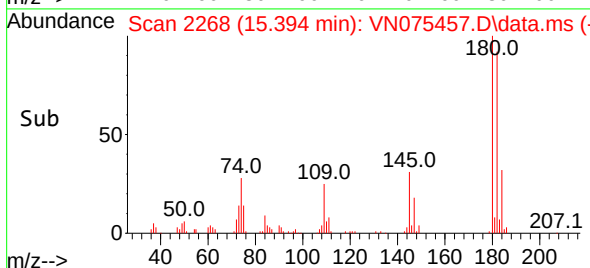
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

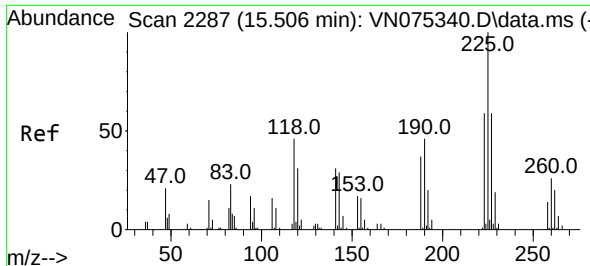


#93
1,2,4-Trichlorobenzene
Concen: 48.141 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35



Tgt Ion:180 Resp: 96956
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.4
145 30.4 16.8 50.3





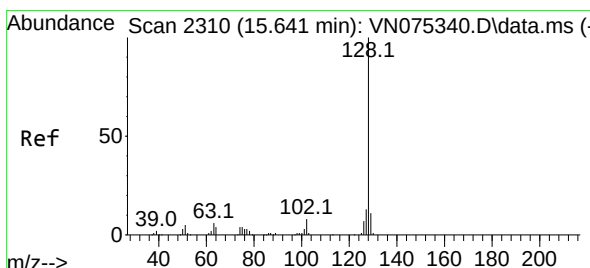
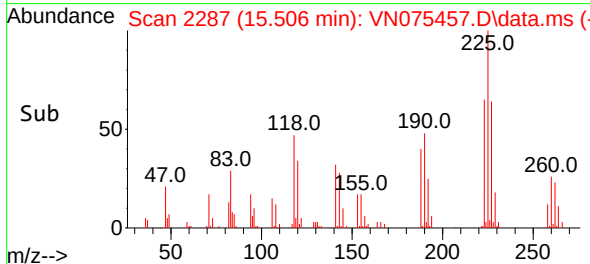
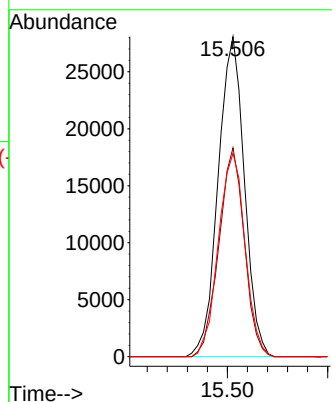
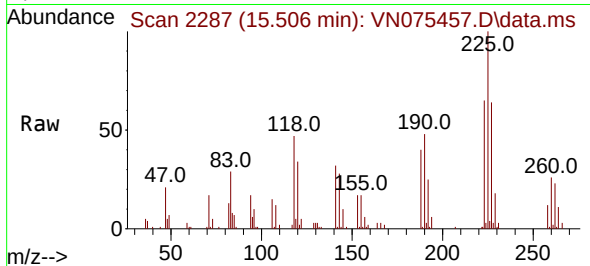
#94
Hexachlorobutadiene
Concen: 48.536 ug/l
RT: 15.506 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW181S-20221117MS

Tgt Ion:225 Resp: 5091
Ion Ratio Lower Upper
225 100
223 63.1 32.3 96.9
227 64.4 32.0 96.2

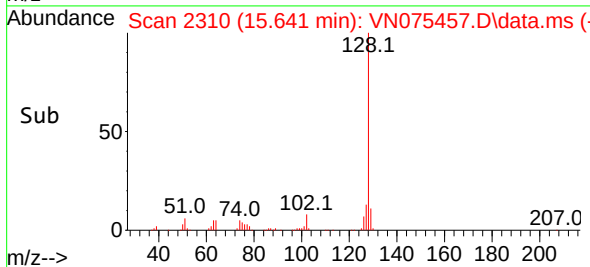
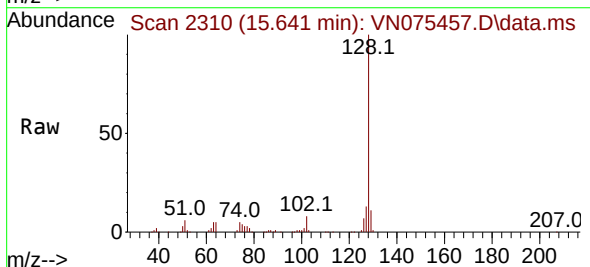
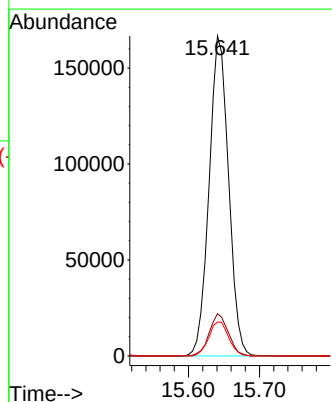
Manual Integrations
APPROVED

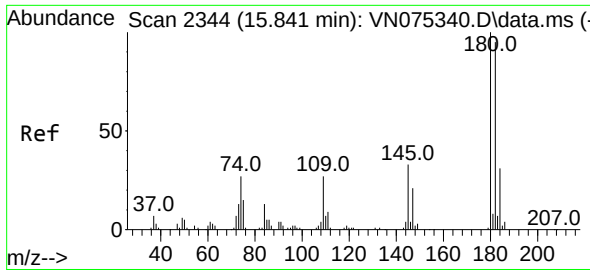
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#95
Naphthalene
Concen: 50.019 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075457.D
Acq: 28 Nov 2022 18:35

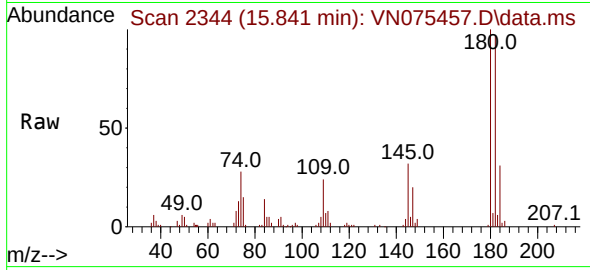
Tgt Ion:128 Resp: 316924
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 48.536 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN075457.D
 Acq: 28 Nov 2022 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 MW181S-20221117MS



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.8
145	32.0	17.6	52.9

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022

