

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075359.D
 Acq On : 22 Nov 2022 11:43
 Operator : JC\MD
 Sample : VN1122MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 07:05:10 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	148397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	41451	52.037	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.080%			
35) Dibromofluoromethane	8.171	113	51081	51.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.980%			
50) Toluene-d8	10.565	98	116307	52.052	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.100%			
62) 4-Bromofluorobenzene	12.847	95	84445	51.201	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22147	19.517	ug/l	97
3) Chloromethane	2.371	50	26348	18.661	ug/l	97
4) Vinyl Chloride	2.524	62	35444	19.918	ug/l	92
5) Bromomethane	2.924	94	32754	20.932	ug/l	86
6) Chloroethane	3.107	64	26214	19.442	ug/l	95
7) Trichlorofluoromethane	3.495	101	49868	19.617	ug/l	89
8) Diethyl Ether	3.971	74	18833	21.137	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	28863	20.567	ug/l	97
10) Methyl Iodide	4.601	142	43760	19.243	ug/l	98
11) Tert butyl alcohol	5.542	59	32598	97.484	ug/l	97
12) 1,1-Dichloroethene	4.342	96	27430	19.960	ug/l	92
13) Acrolein	4.189	56	29786	102.248	ug/l	99
14) Allyl chloride	5.036	41	33110	18.626	ug/l	95
15) Acrylonitrile	5.724	53	77873	101.504	ug/l	97
16) Acetone	4.436	43	71324	95.993	ug/l	92
17) Carbon Disulfide	4.712	76	68715	19.240	ug/l	98
18) Methyl Acetate	5.036	43	40632	20.939	ug/l	94
19) Methyl tert-butyl Ether	5.801	73	95576	19.633	ug/l	97
20) Methylene Chloride	5.277	84	32445	20.787	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	31172	19.904	ug/l	83
22) Diisopropyl ether	6.677	45	81316	20.046	ug/l	98
23) Vinyl Acetate	6.612	43	290328	89.964	ug/l	98
24) 1,1-Dichloroethane	6.583	63	53929	20.712	ug/l	98
25) 2-Butanone	7.489	43	101162	97.521	ug/l	97
26) 2,2-Dichloropropane	7.495	77	47829	19.765	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	36272	20.482	ug/l	92
28) Bromochloromethane	7.812	49	21627	20.463	ug/l	89
29) Tetrahydrofuran	7.842	42	64725	102.579	ug/l	99
30) Chloroform	7.971	83	59417	19.872	ug/l	99
31) Cyclohexane	8.259	56	48455	19.146	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	54603	20.112	ug/l	91
36) 1,1-Dichloropropene	8.377	75	42073	19.447	ug/l	95
37) Ethyl Acetate	7.565	43	36849	18.915	ug/l	97
38) Carbon Tetrachloride	8.365	117	47295	19.900	ug/l	96
39) Methylcyclohexane	9.600	83	54308	20.057	ug/l	99
40) Benzene	8.606	78	130347	19.678	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	20950	21.035	ug/l	98
42) 1,2-Dichloroethane	8.677	62	43602	19.654	ug/l	97
43) Isopropyl Acetate	8.689	43	61777	19.756	ug/l	96
44) Trichloroethene	9.353	130	34553	19.064	ug/l	96
45) 1,2-Dichloropropane	9.624	63	30602	19.386	ug/l	99
46) Dibromomethane	9.712	93	24119	20.201	ug/l	94
47) Bromodichloromethane	9.888	83	46787	20.235	ug/l	94
48) Methyl methacrylate	9.683	41	28836	19.944	ug/l	96
49) 1,4-Dioxane	9.700	88	16407	399.622	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	201259	101.054	ug/l	97
52) Toluene	10.630	92	86133	20.178	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	46252	19.925	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	50494	20.029	ug/l #	94
55) 1,1,2-Trichloroethane	11.018	97	34622	19.914	ug/l	96
56) Ethyl methacrylate	10.877	69	47574	20.262	ug/l	97
57) 1,3-Dichloropropane	11.165	76	55780	19.677	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	87706	103.576	ug/l	98
59) 2-Hexanone	11.194	43	153645	102.738	ug/l	99
60) Dibromochloromethane	11.359	129	36019	20.184	ug/l	97
61) 1,2-Dibromoethane	11.471	107	36157	20.037	ug/l	99
64) Tetrachloroethene	11.100	164	32959	18.903	ug/l	93
65) Chlorobenzene	11.894	112	91630	19.433	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	34724	19.732	ug/l	99
67) Ethyl Benzene	11.965	91	161592	20.088	ug/l	96
68) m/p-Xylenes	12.071	106	132455	40.547	ug/l	98
69) o-Xylene	12.400	106	64567	19.893	ug/l	96
70) Styrene	12.412	104	101826	19.887	ug/l	98
71) Bromoform	12.577	173	27003	20.161	ug/l #	99
73) Isopropylbenzene	12.694	105	164358	19.620	ug/l	98
74) N-amyl acetate	12.494	43	51302	19.920	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	50407	19.737	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	47911m	22.100	ug/l	
77) Bromobenzene	12.982	156	39291	18.999	ug/l	86
78) n-propylbenzene	13.035	91	186195	19.916	ug/l	100
79) 2-Chlorotoluene	13.124	91	112963	20.054	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	142295	20.445	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	14733	20.108	ug/l	94
82) 4-Chlorotoluene	13.124	91	112963	20.054	ug/l	97
83) tert-Butylbenzene	13.441	119	125568	19.788	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	141502	20.269	ug/l	98
85) sec-Butylbenzene	13.618	105	176886	20.544	ug/l	100
86) p-Isopropyltoluene	13.729	119	147537	20.366	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	76624	19.555	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	76979	19.340	ug/l	98
89) n-Butylbenzene	14.059	91	117876	19.266	ug/l	98
90) Hexachloroethane	14.335	117	24356	19.489	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	74982	19.631	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9580	19.802	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	36493	18.644	ug/l	99
94) Hexachlorobutadiene	15.500	225	19511	19.137	ug/l	98
95) Naphthalene	15.641	128	114821	18.646	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	34989	18.188	ug/l	99

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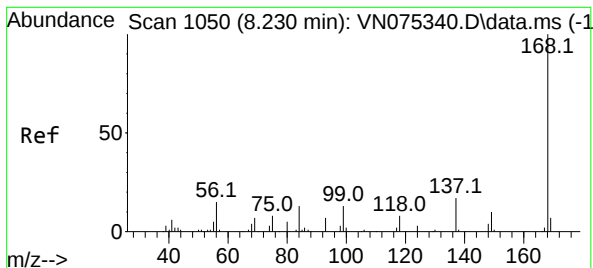
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

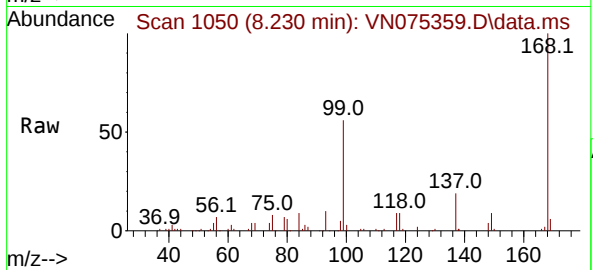
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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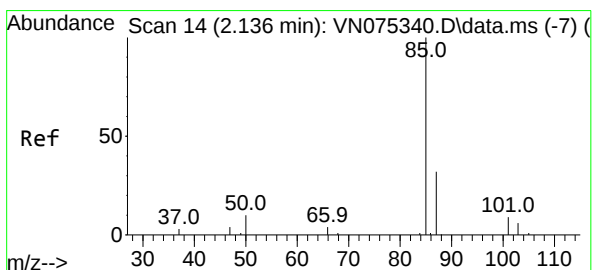
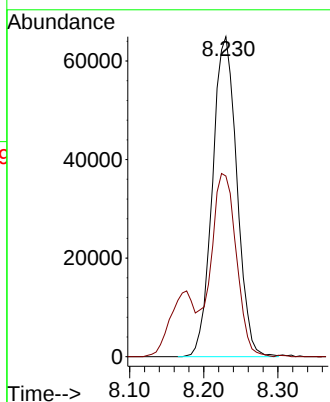
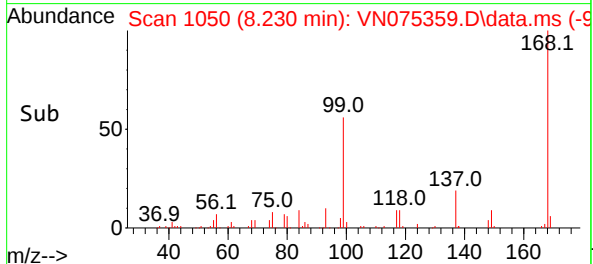
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 148397
Ion Ratio Lower Upper
168 100
99 56.0 51.6 77.4

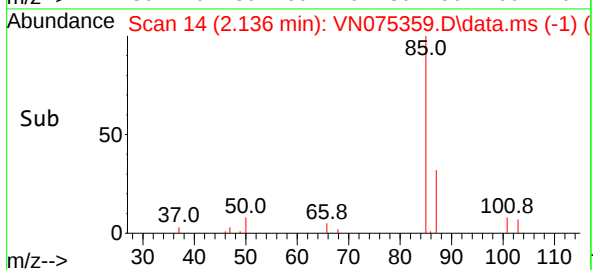
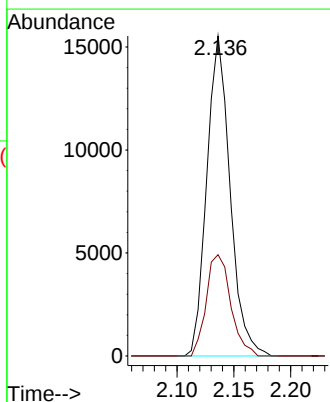
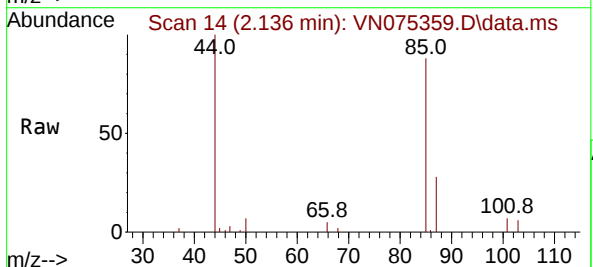
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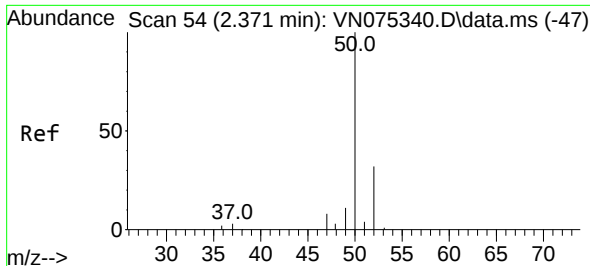
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#2
Dichlorodifluoromethane
Concen: 19.517 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion: 85 Resp: 22147
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.0





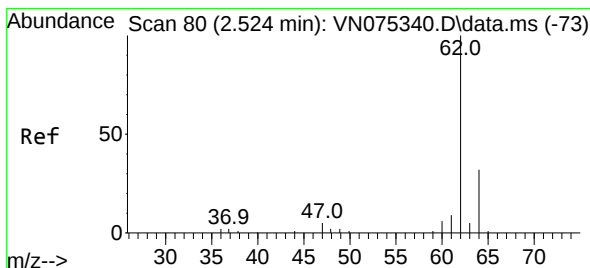
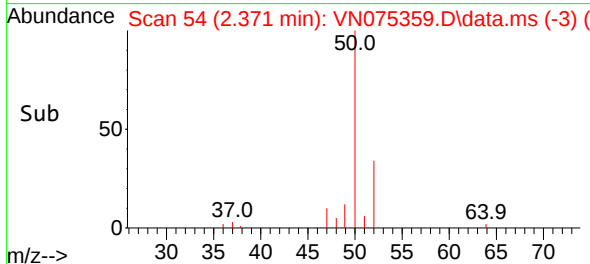
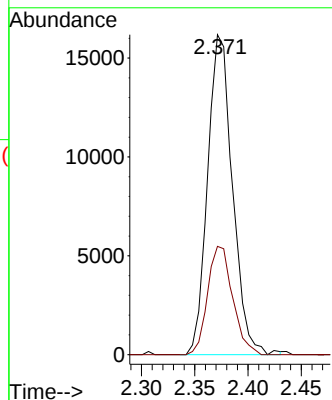
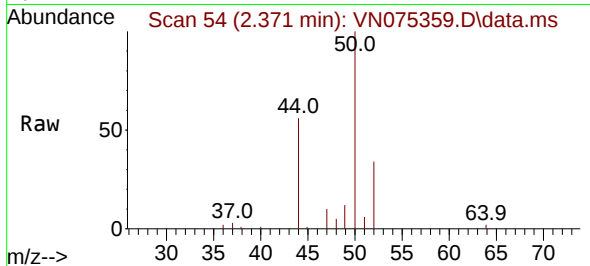
#3
Chloromethane
Concen: 18.661 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

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ClientSampleId :
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Tgt Ion: 50 Resp: 26348
Ion Ratio Lower Upper
50 100
52 33.9 25.8 38.6

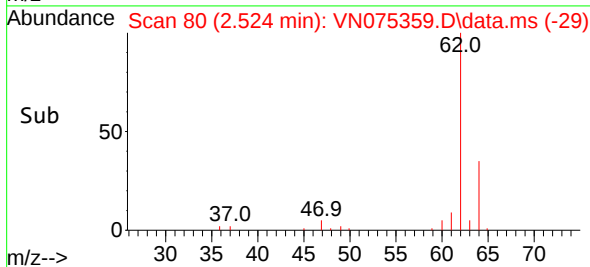
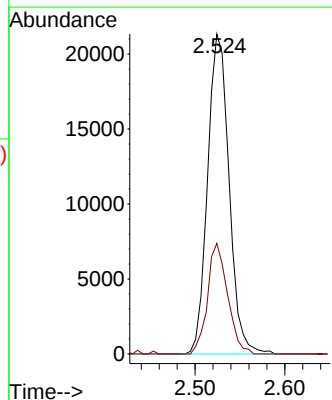
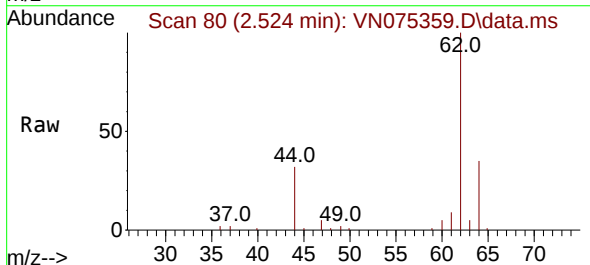
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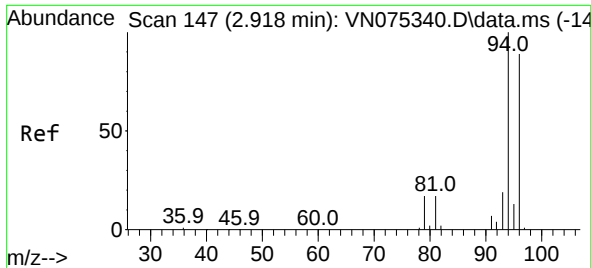
Reviewed By :John Carlone 11/23/2022
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#4
Vinyl Chloride
Concen: 19.918 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion: 62 Resp: 35444
Ion Ratio Lower Upper
62 100
64 34.5 24.0 36.0





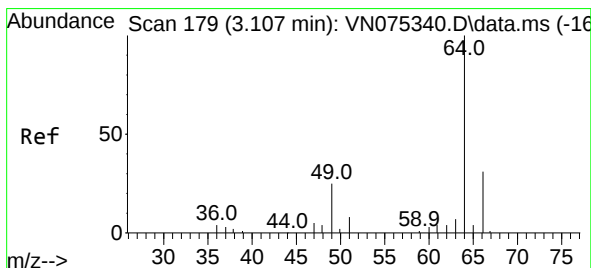
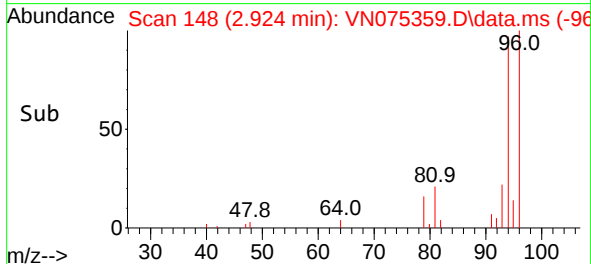
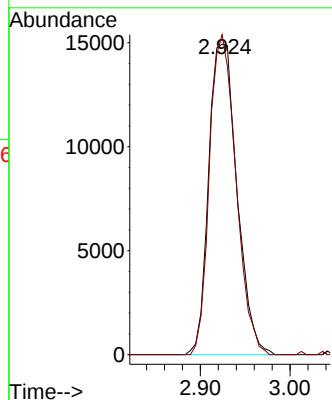
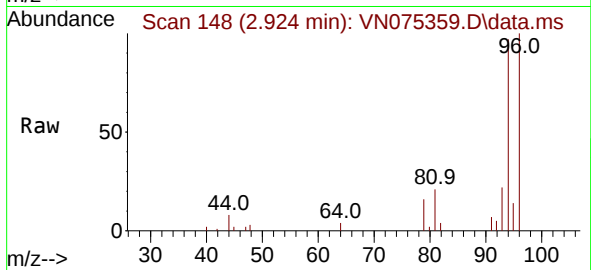
#5
Bromomethane
Concen: 20.932 ug/l
RT: 2.924 min Scan# 147
Delta R.T. 0.006 min
Lab File: VN075359.D
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Tgt Ion: 94 Resp: 32754
Ion Ratio Lower Upper
94 100
96 103.0 71.8 107.6

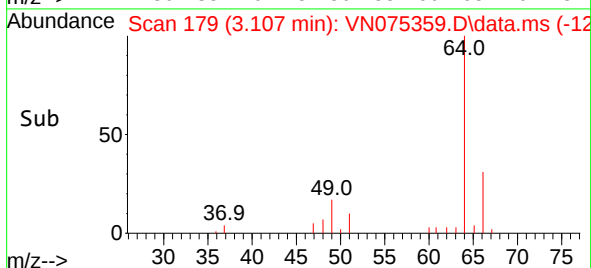
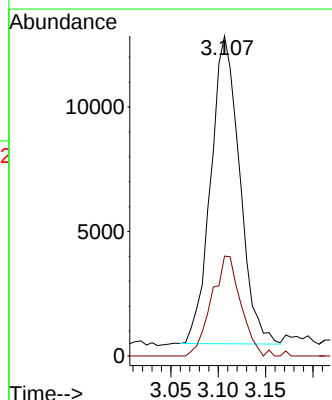
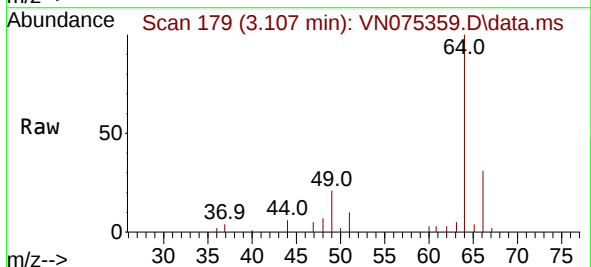
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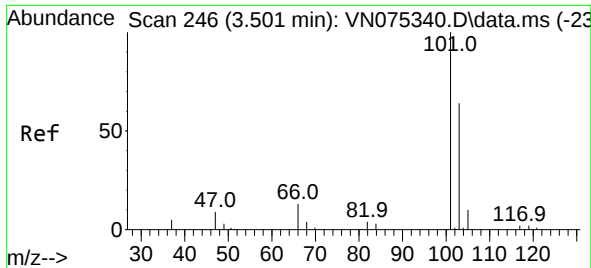
Reviewed By :John Carlone 11/23/2022
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#6
Chloroethane
Concen: 19.442 ug/l
RT: 3.107 min Scan# 179
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 26214
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.8





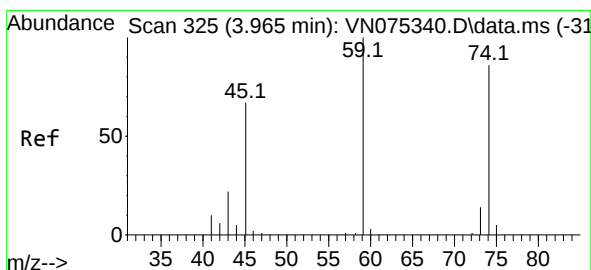
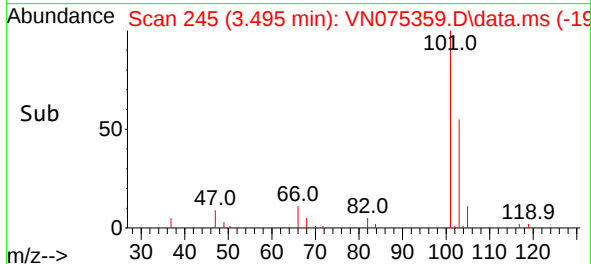
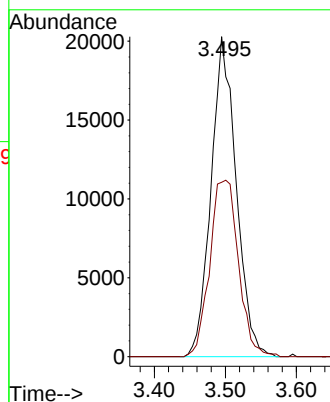
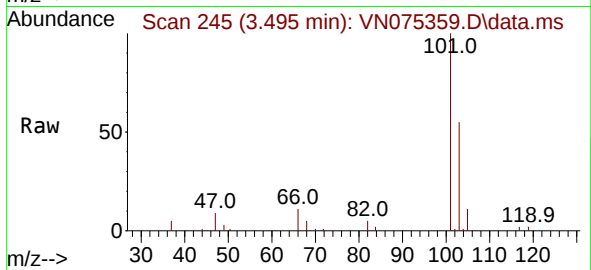
#7
Trichlorofluoromethane
Concen: 19.617 ug/l
RT: 3.495 min Scan# 246
Delta R.T. -0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 4986
Ion Ratio Lower Upper
101 100
103 54.5 50.5 75.7

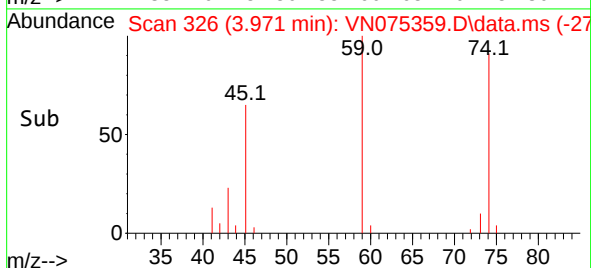
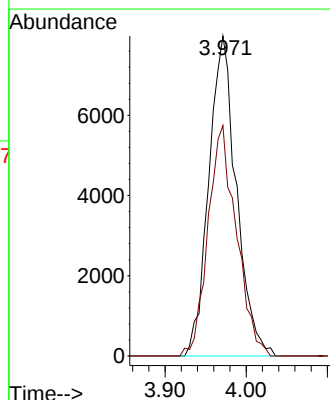
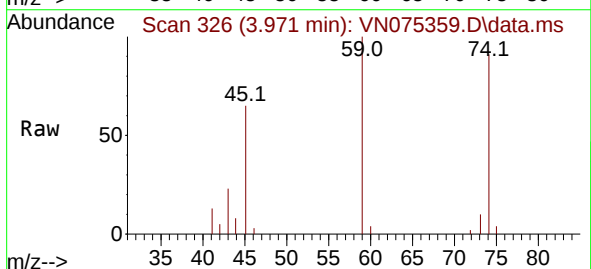
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#8
Diethyl Ether
Concen: 21.137 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075359.D
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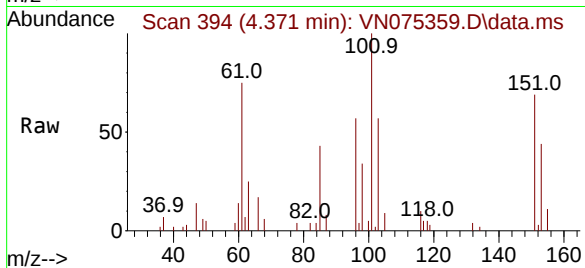
Tgt Ion: 74 Resp: 18833
Ion Ratio Lower Upper
74 100
45 74.0 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.567 ug/l
RT: 4.371 min Scan# 395
Delta R.T. -0.006 min
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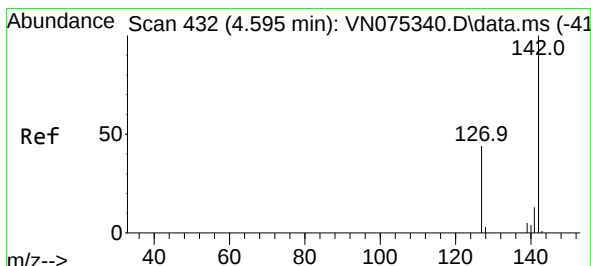
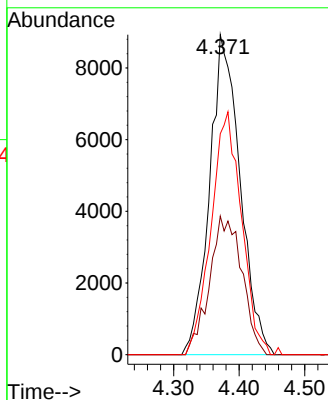
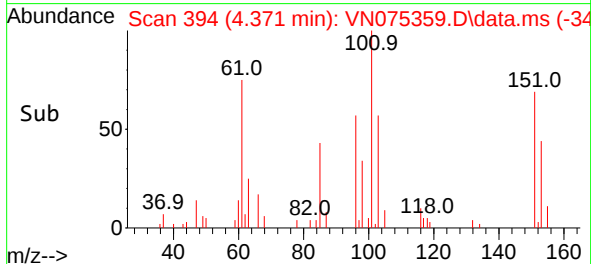
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



Tgt Ion:101 Resp: 2886
Ion Ratio Lower Upper
101 100
85 45.9 37.6 56.4
151 75.6 58.3 87.5

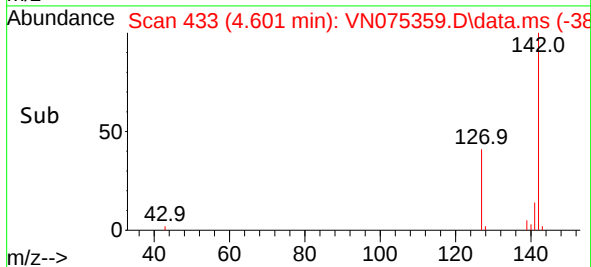
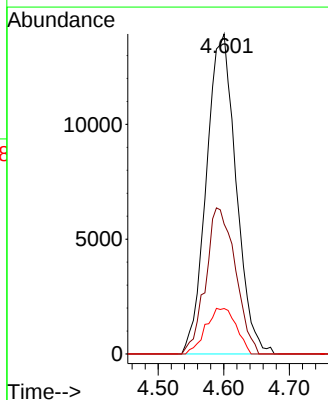
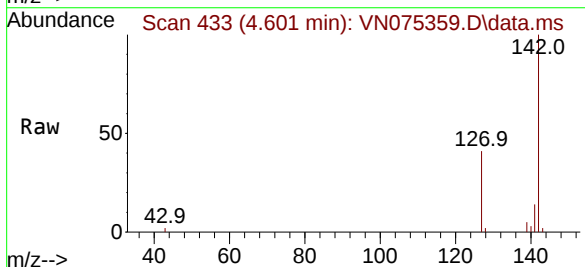
Manual Integrations
APPROVED

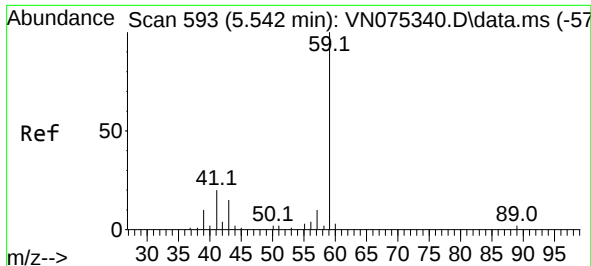
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#10
Methyl Iodide
Concen: 19.243 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

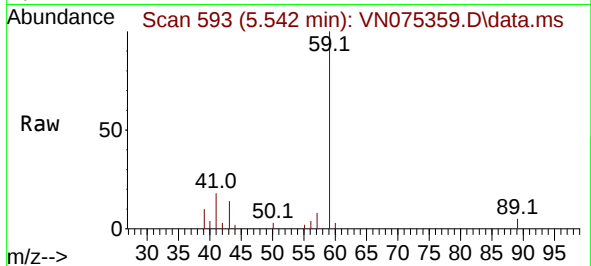
Tgt Ion:142 Resp: 43760
Ion Ratio Lower Upper
142 100
127 45.8 38.0 57.0
141 14.6 12.2 18.4





#11
Tert butyl alcohol
Concen: 97.484 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

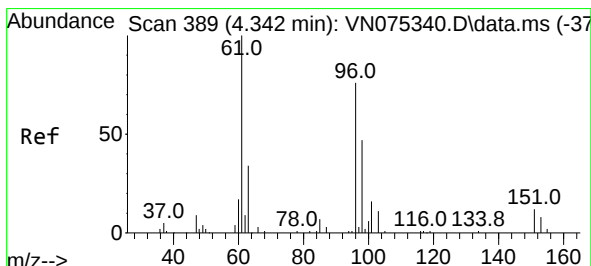
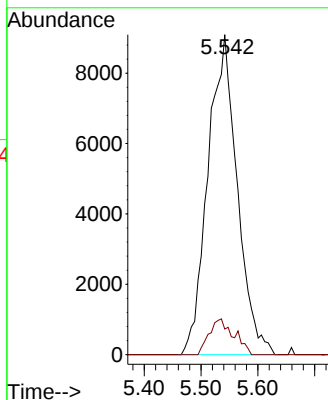
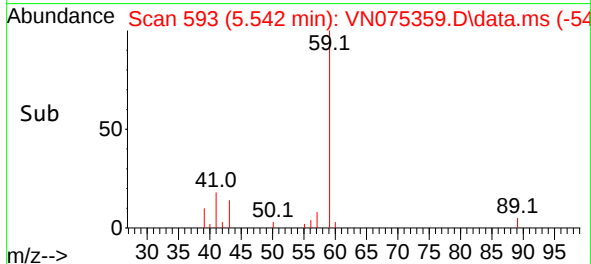
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



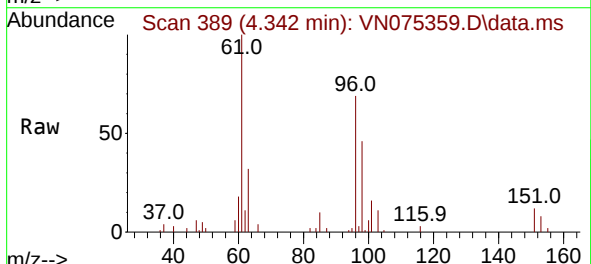
Tgt Ion: 59 Resp: 32598
Ion Ratio Lower Upper
59 100
57 9.4 8.5 12.7

Manual Integrations
APPROVED

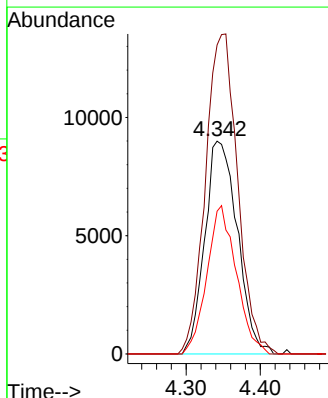
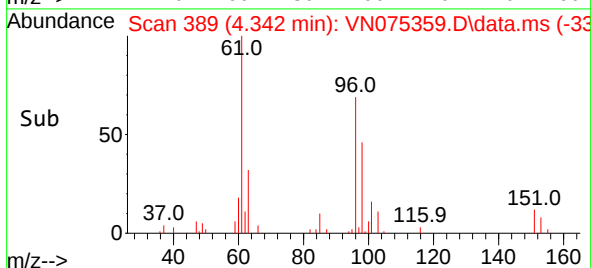
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#12
1,1-Dichloroethene
Concen: 19.960 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



Tgt Ion: 96 Resp: 27430
Ion Ratio Lower Upper
96 100
61 145.2 126.2 189.4
98 67.0 51.5 77.3





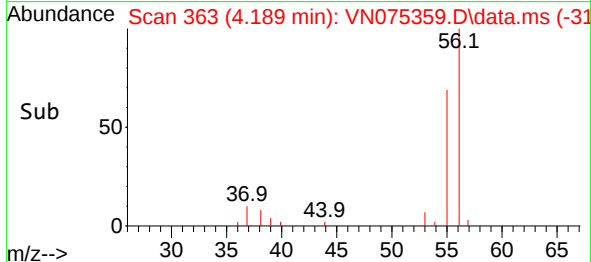
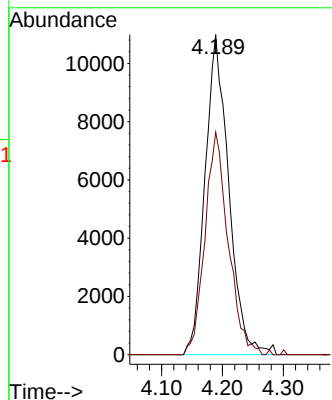
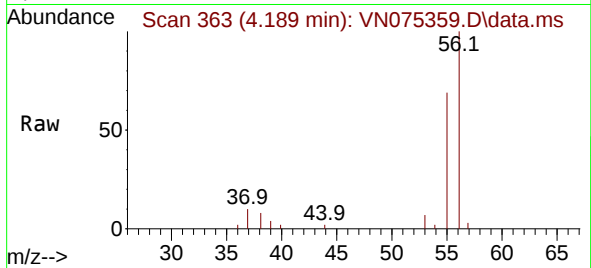
#13
Acrolein
Concen: 102.248 ug/l
RT: 4.189 min Scan# 362
Delta R.T. 0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 56 Resp: 29780
Ion Ratio Lower Upper
56 100
55 68.1 55.2 82.8

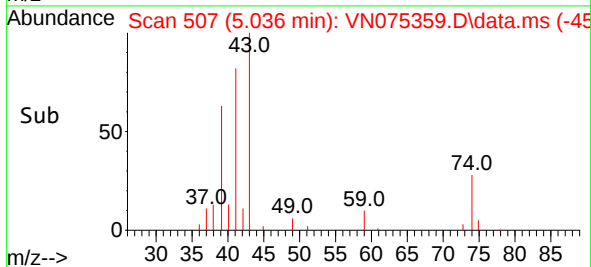
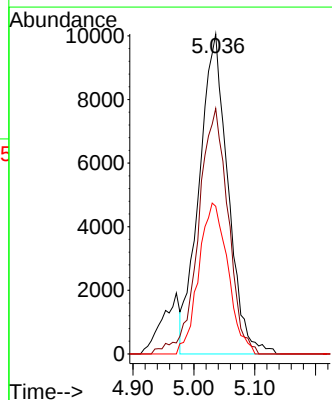
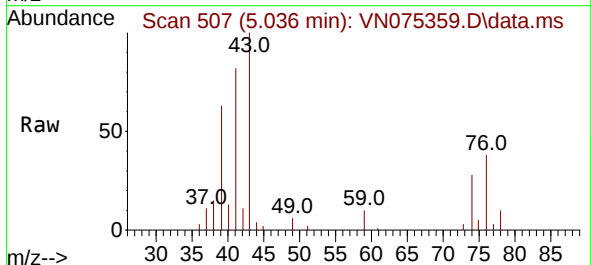
Manual Integrations
APPROVED

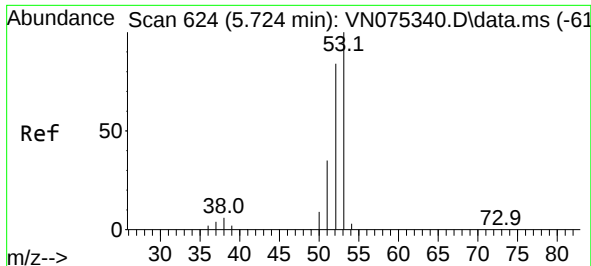
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#14
Allyl chloride
Concen: 18.626 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

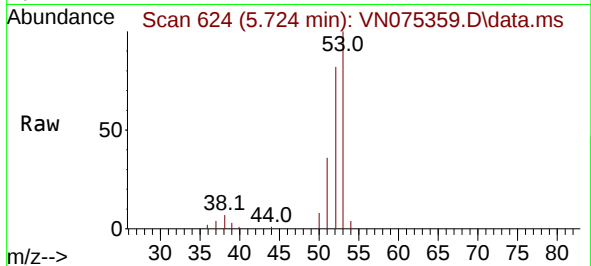
Tgt Ion: 41 Resp: 33110
Ion Ratio Lower Upper
41 100
39 79.0 61.0 91.4
76 47.6 33.4 50.0





#15
Acrylonitrile
Concen: 101.504 ug/l
RT: 5.724 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

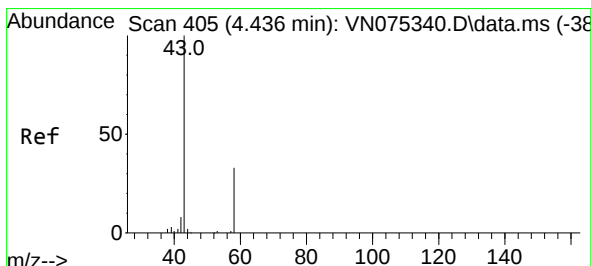
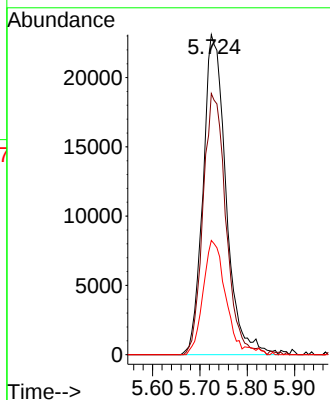
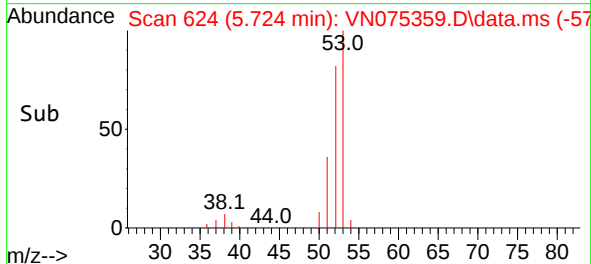
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



Tgt Ion: 53 Resp: 7787
Ion Ratio Lower Upper
53 100
52 81.2 66.4 99.6
51 34.6 29.6 44.4

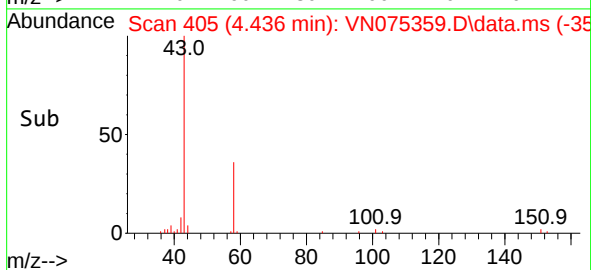
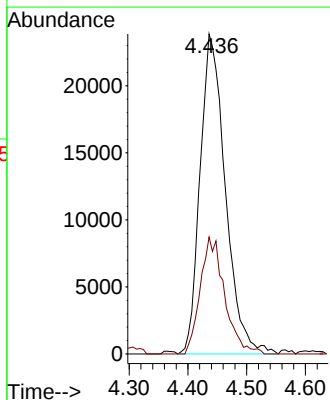
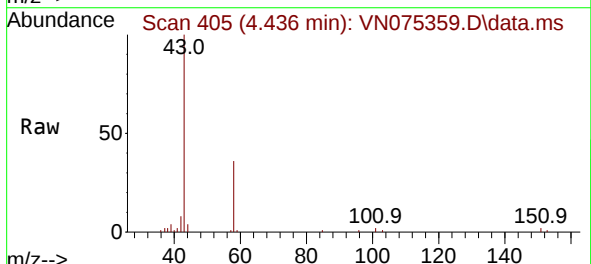
Manual Integrations
APPROVED

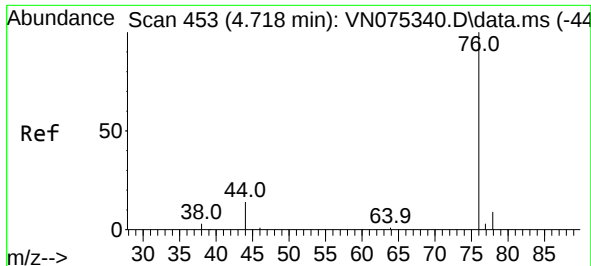
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#16
Acetone
Concen: 95.993 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion: 43 Resp: 71324
Ion Ratio Lower Upper
43 100
58 36.5 25.5 38.3





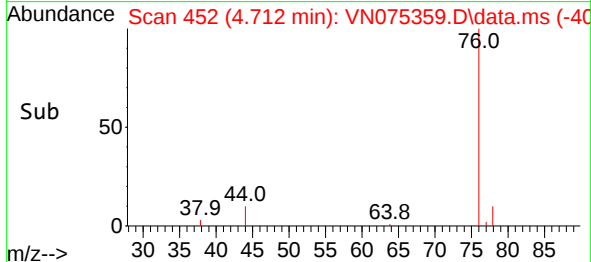
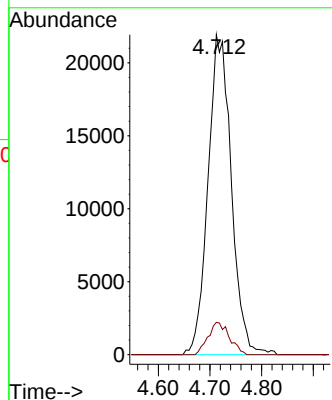
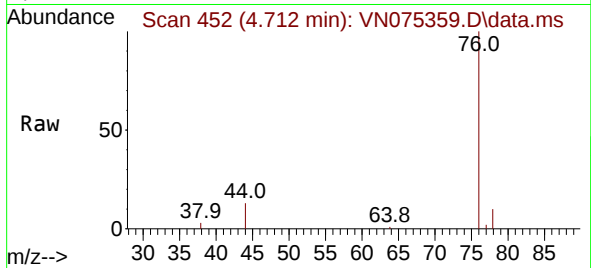
#17
Carbon Disulfide
Concen: 19.240 ug/l
RT: 4.712 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 76 Resp: 68715
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.2

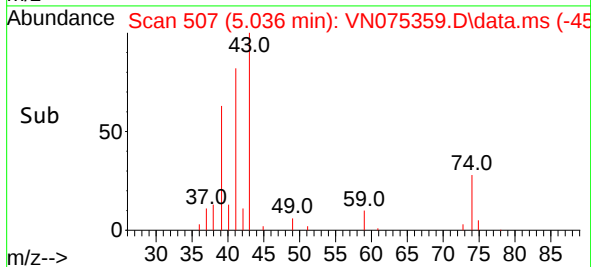
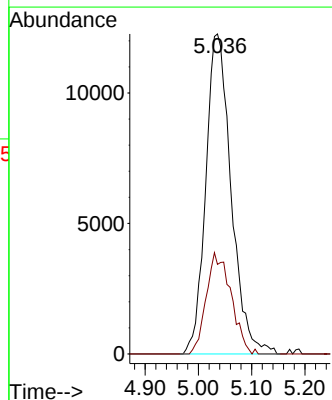
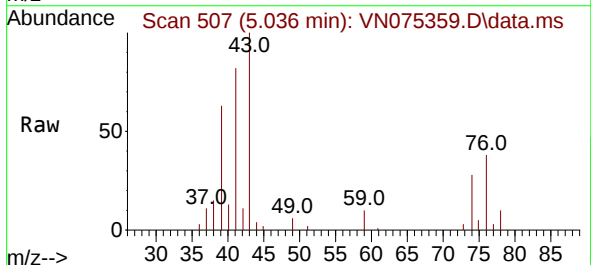
Manual Integrations
APPROVED

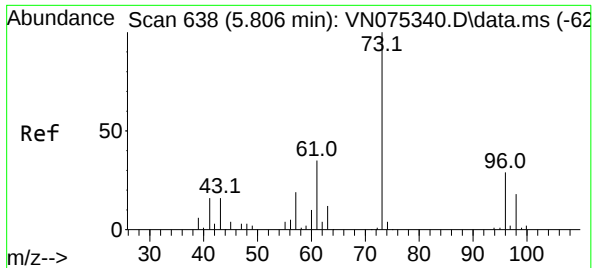
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#18
Methyl Acetate
Concen: 20.939 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion: 43 Resp: 40632
Ion Ratio Lower Upper
43 100
74 30.8 22.0 33.0





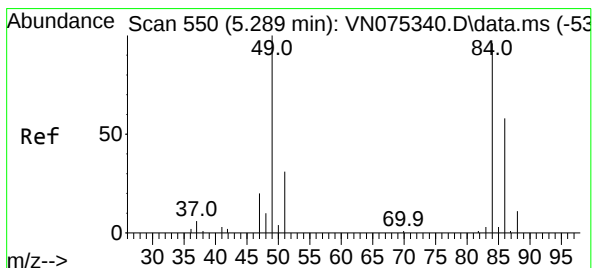
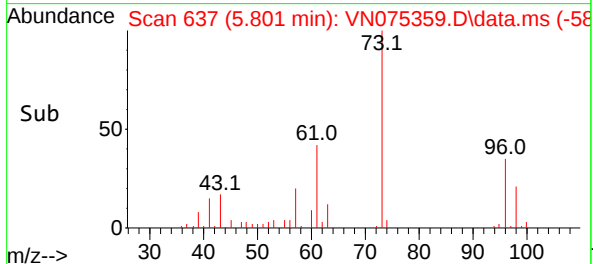
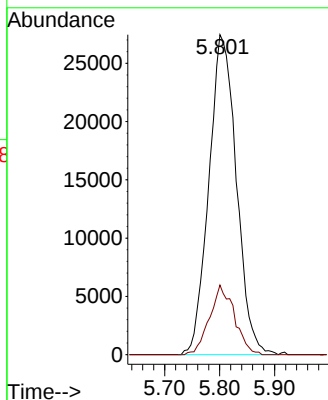
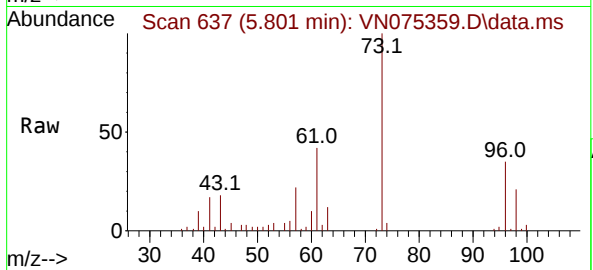
#19
Methyl tert-butyl Ether
Concen: 19.633 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 73 Resp: 95570
Ion Ratio Lower Upper
73 100
57 21.7 16.3 24.5

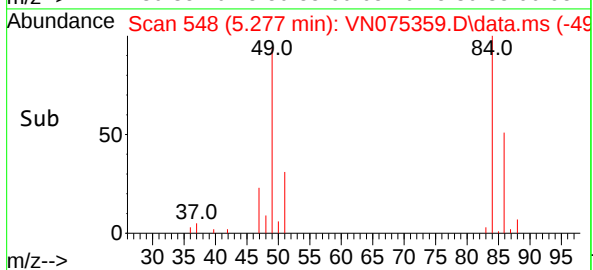
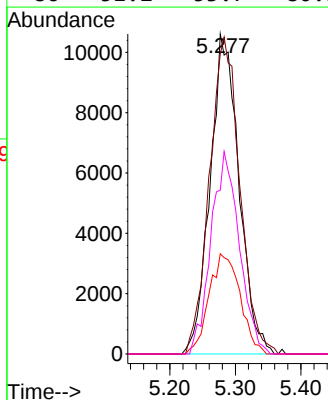
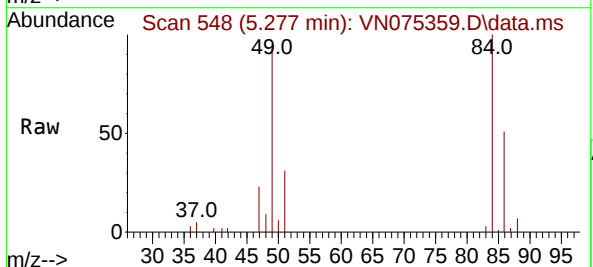
Manual Integrations
APPROVED

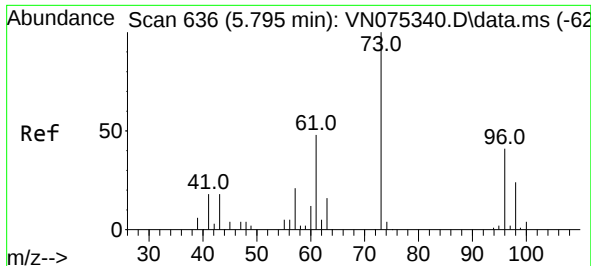
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#20
Methylene Chloride
Concen: 20.787 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

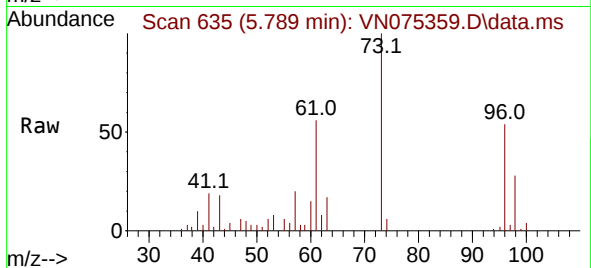
Tgt Ion: 84 Resp: 32445
Ion Ratio Lower Upper
84 100
49 93.8 94.9 142.3#
51 31.3 26.8 40.2
86 51.2 53.7 80.5#





#21
trans-1,2-Dichloroethene
Concen: 19.904 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

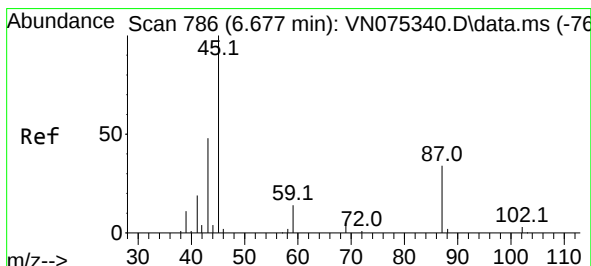
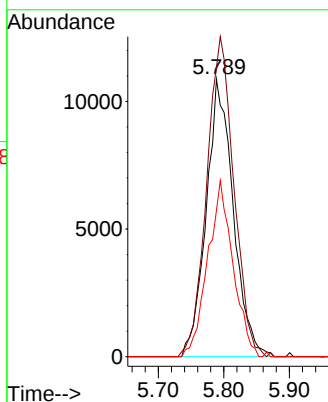
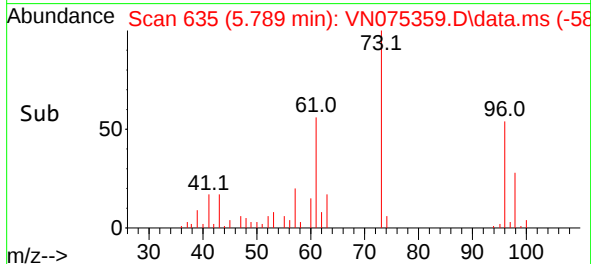
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



Tgt Ion: 96 Resp: 31172
Ion Ratio Lower Upper
96 100
61 104.3 99.9 149.9
98 52.6 51.5 77.3

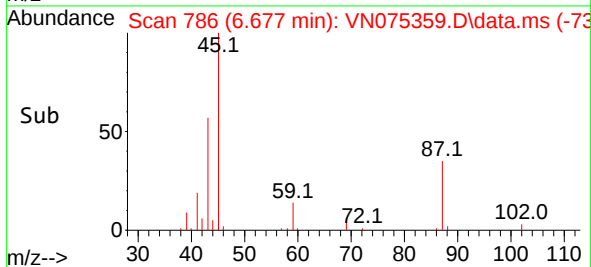
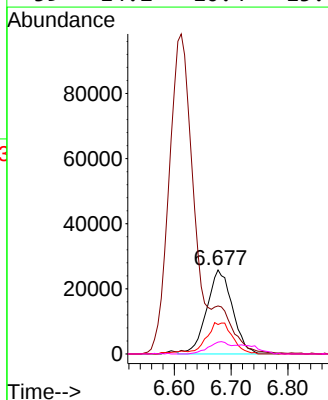
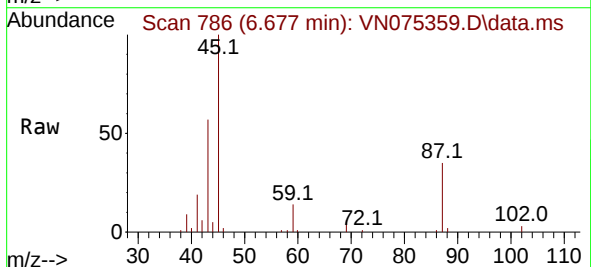
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#22
Diisopropyl ether
Concen: 20.046 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion: 45 Resp: 81316
Ion Ratio Lower Upper
45 100
43 56.1 42.8 64.2
87 35.1 28.4 42.6
59 14.2 10.4 15.6





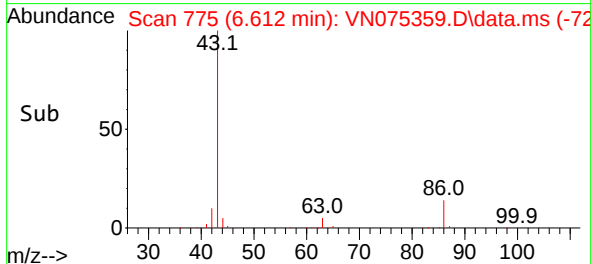
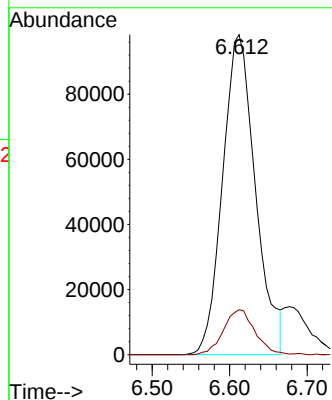
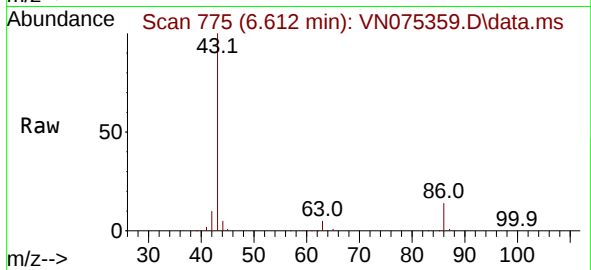
#23
 Vinyl Acetate
 Concen: 89.964 ug/l
 RT: 6.612 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VN075359.D
 Acq: 22 Nov 2022 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Tgt Ion: 43 Resp: 290328
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.7 16.1

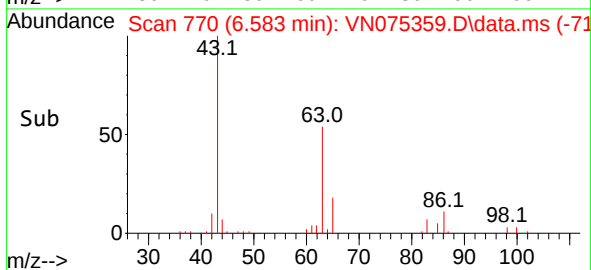
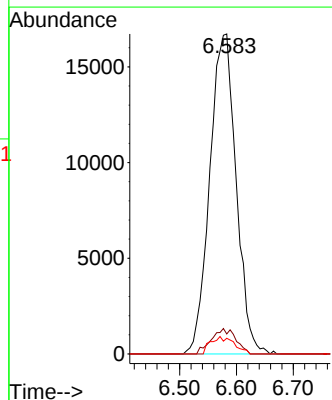
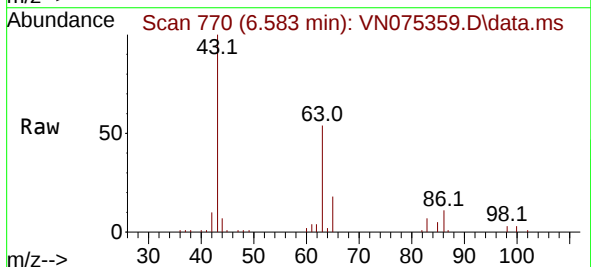
Manual Integrations
 APPROVED

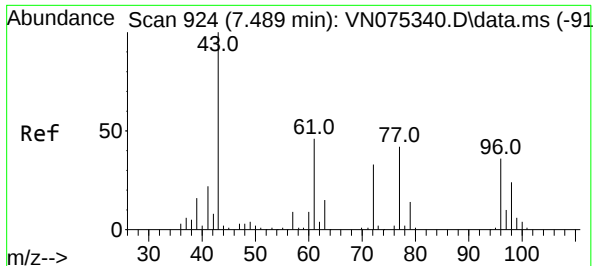
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#24
 1,1-Dichloroethane
 Concen: 20.712 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075359.D
 Acq: 22 Nov 2022 11:43

Tgt Ion: 63 Resp: 53929
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 97.521 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion: 43 Resp: 10116

Ion Ratio Lower Upper

43 100

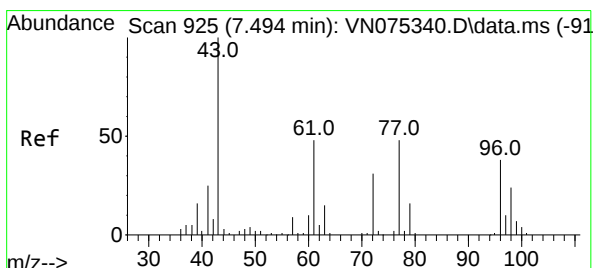
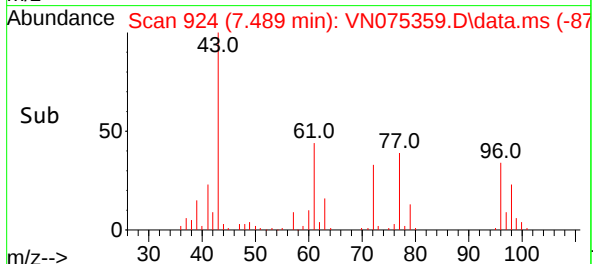
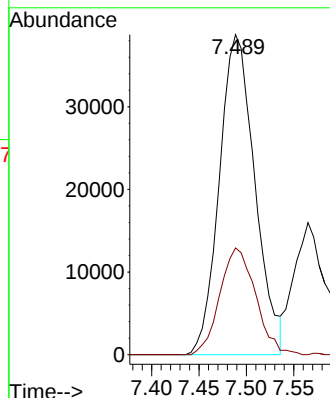
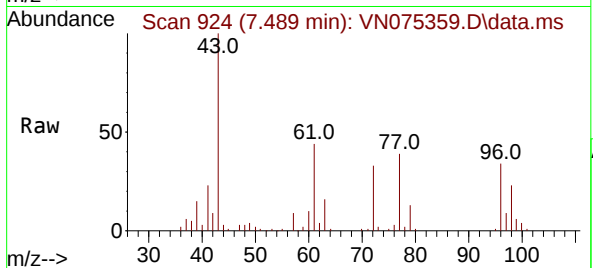
72 33.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#26

2,2-Dichloropropane

Concen: 19.765 ug/l

RT: 7.495 min Scan# 925

Delta R.T. 0.001 min

Lab File: VN075359.D

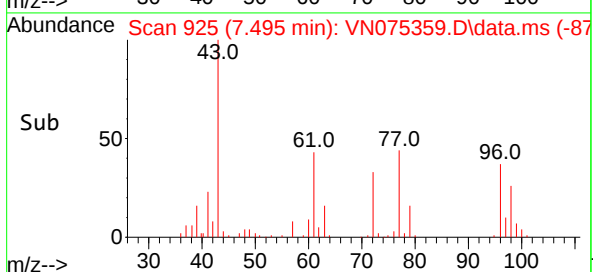
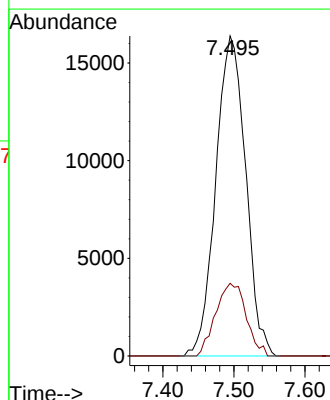
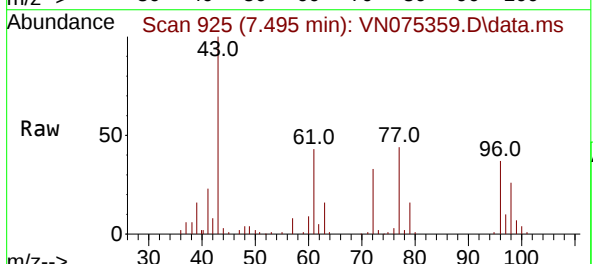
Acq: 22 Nov 2022 11:43

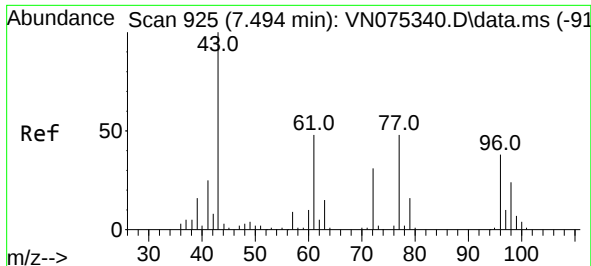
Tgt Ion: 77 Resp: 47829

Ion Ratio Lower Upper

77 100

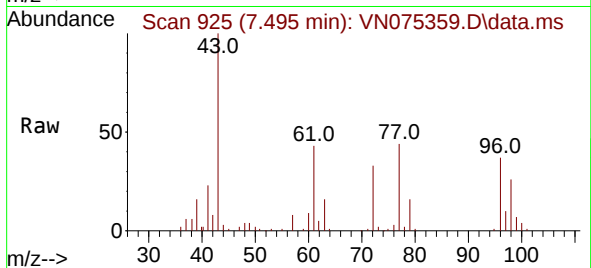
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.482 ug/l
 RT: 7.495 min Scan# 911
 Delta R.T. 0.001 min
 Lab File: VN075359.D
 Acq: 22 Nov 2022 11:43

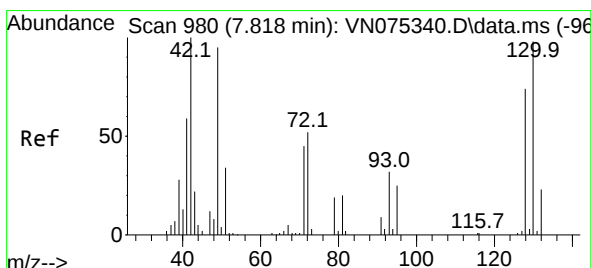
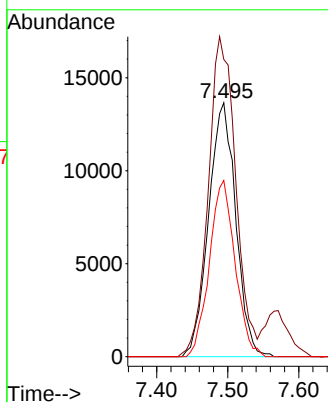
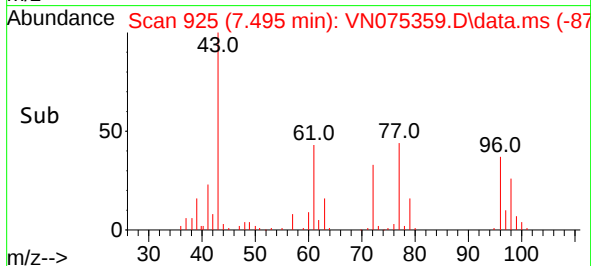
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01



Tgt Ion: 96 Resp: 36272
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 278.8
 98 65.6 0.0 128.4

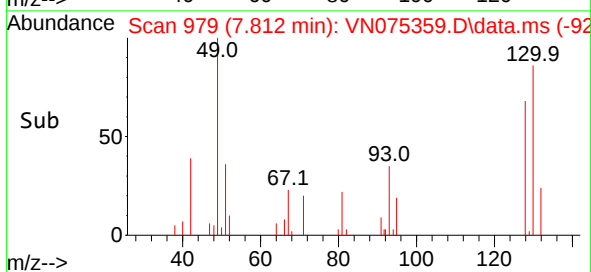
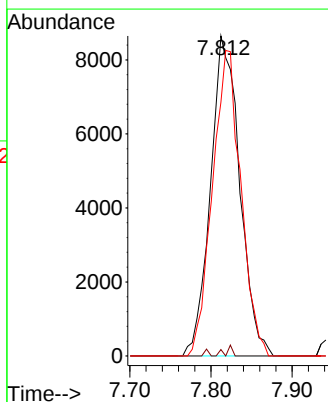
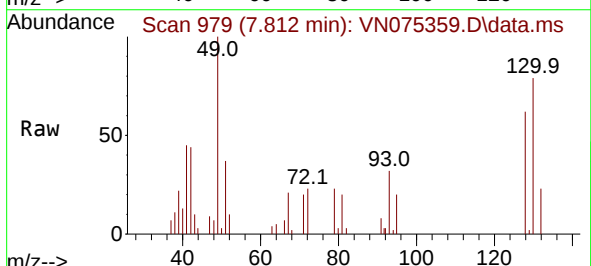
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#28
 Bromochloromethane
 Concen: 20.463 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VN075359.D
 Acq: 22 Nov 2022 11:43

Tgt Ion: 49 Resp: 21627
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.6
 130 92.7 66.2 99.4





#29

Tetrahydrofuran

Concen: 102.579 ug/l

RT: 7.842 min Scan# 984

Delta R.T. 0.001 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

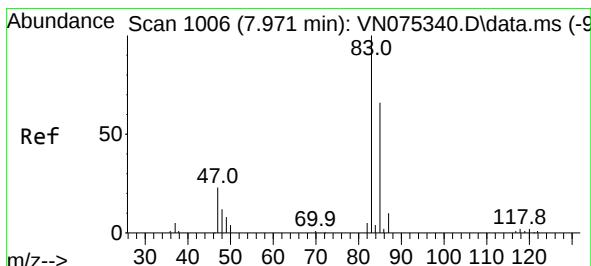
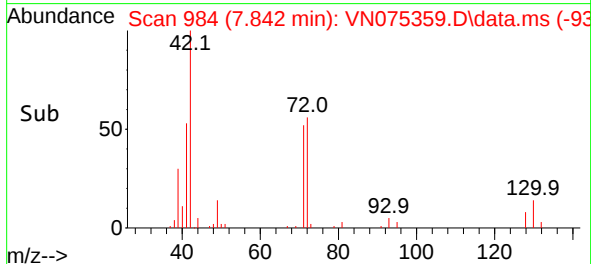
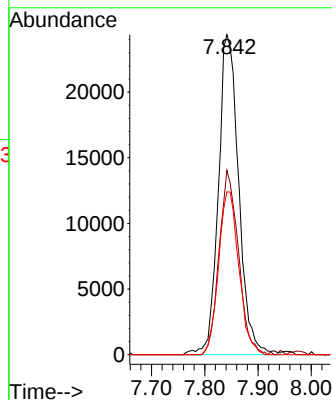
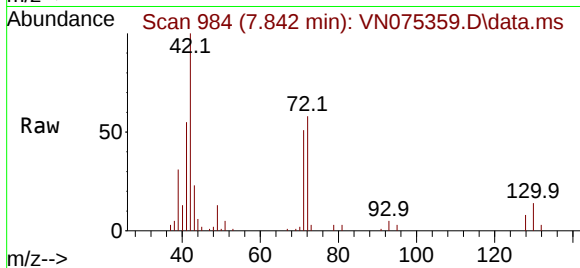
Tgt Ion:	42	Resp:	6472
Ion Ratio	Lower	Upper	
42	100		
72	54.8	43.0	64.6
71	50.6	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#30

Chloroform

Concen: 19.872 ug/l

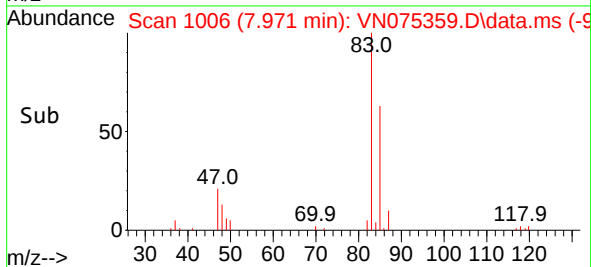
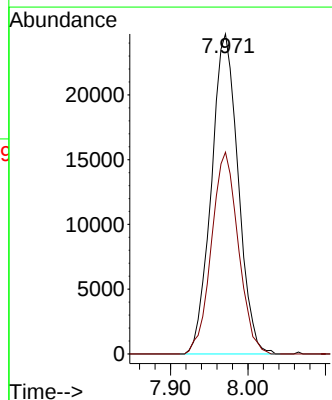
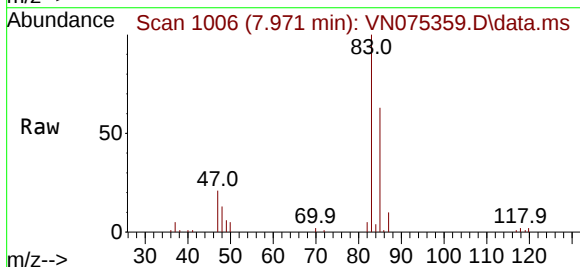
RT: 7.971 min Scan# 1006

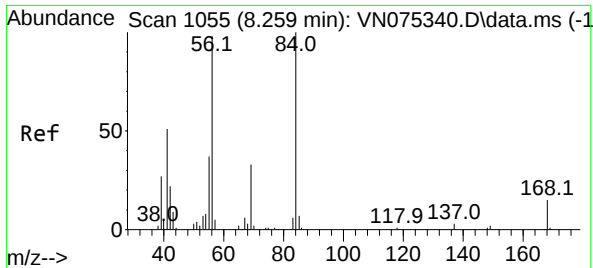
Delta R.T. -0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

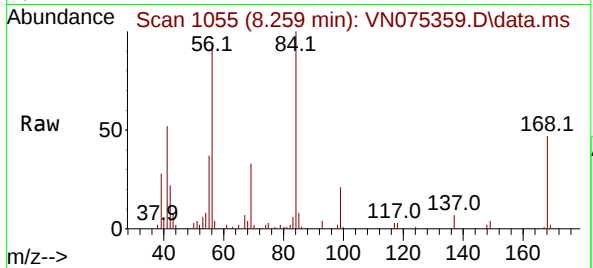
Tgt Ion:	83	Resp:	59417
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.4	77.0





#31
Cyclohexane
Concen: 19.146 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

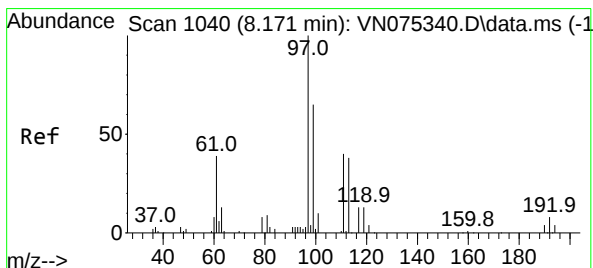
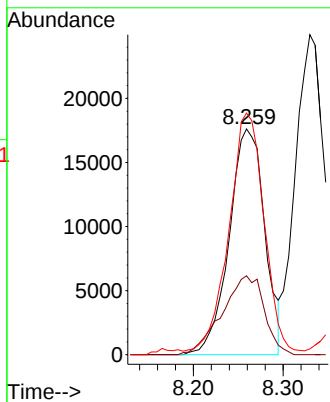
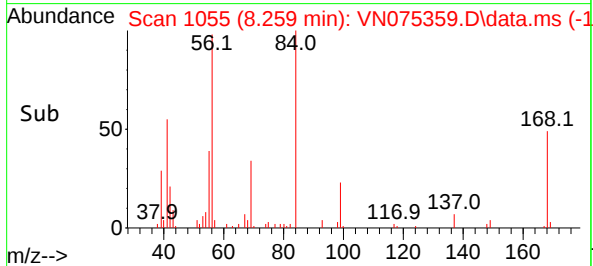
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



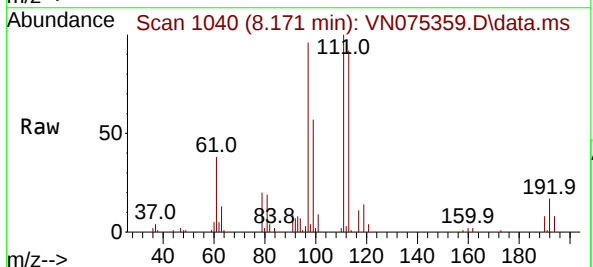
Tgt Ion: 56 Resp: 4845
Ion Ratio Lower Upper
56 100
69 34.9 25.2 37.8
84 104.8 77.8 116.8

Manual Integrations
APPROVED

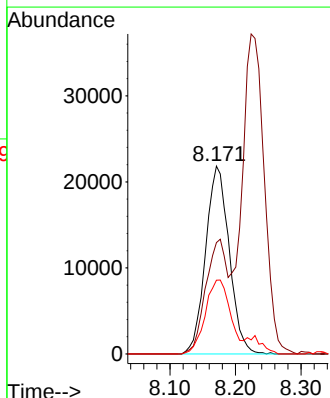
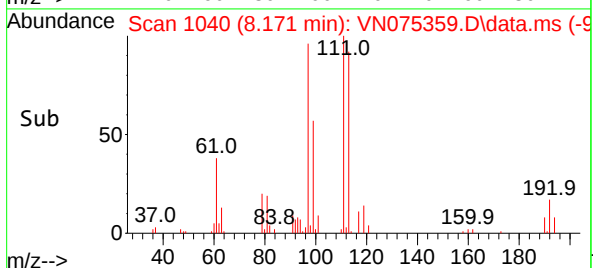
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#32
1,1,1-Trichloroethane
Concen: 20.112 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



Tgt Ion: 97 Resp: 54603
Ion Ratio Lower Upper
97 100
99 54.1 50.2 75.2
61 42.0 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 52.037 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion: 65 Resp: 4145

Ion Ratio Lower Upper

65 100

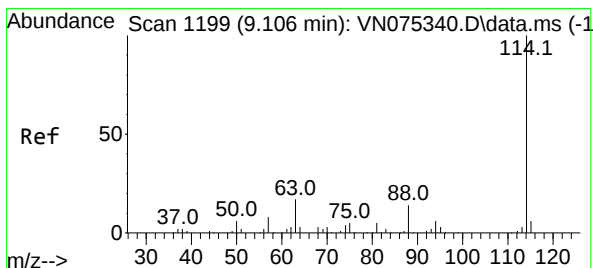
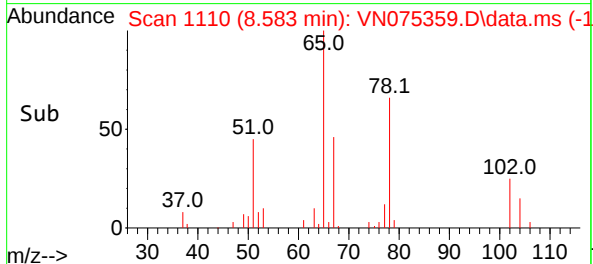
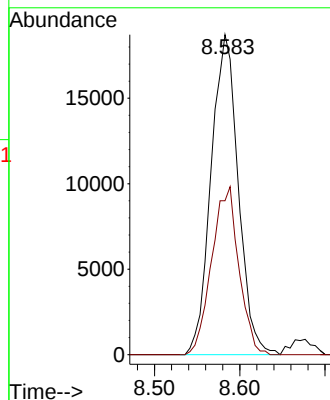
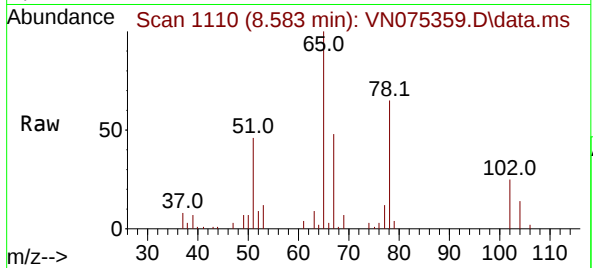
67 52.4 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

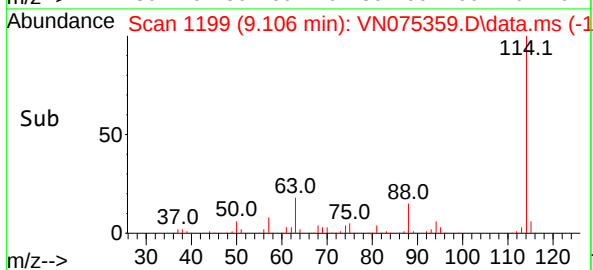
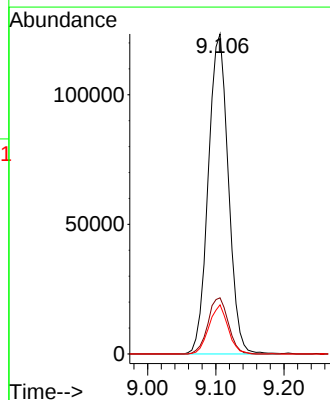
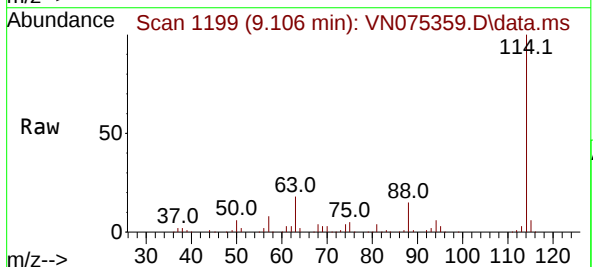
Tgt Ion:114 Resp: 252547

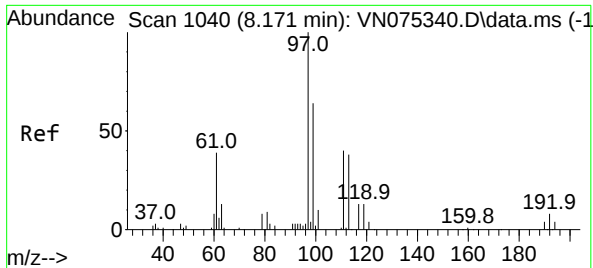
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

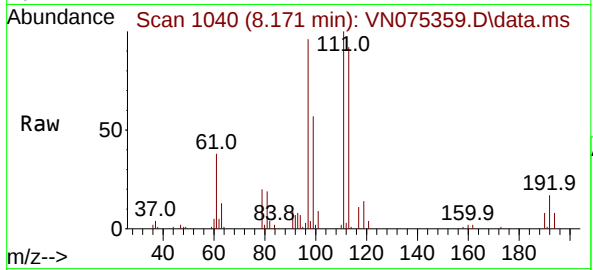
88 15.4 0.0 29.0





#35
Dibromofluoromethane
Concen: 51.488 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

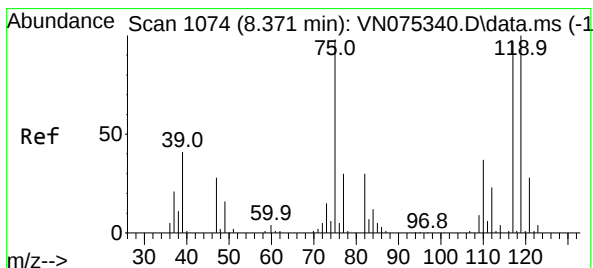
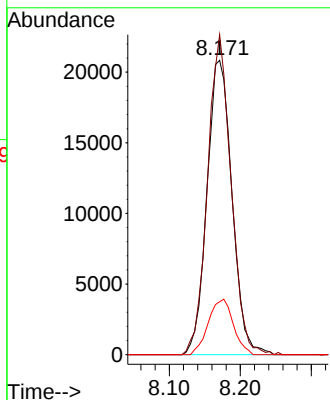
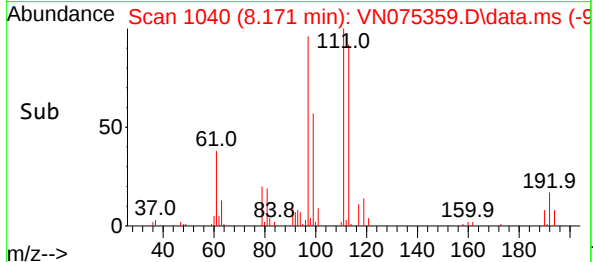
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



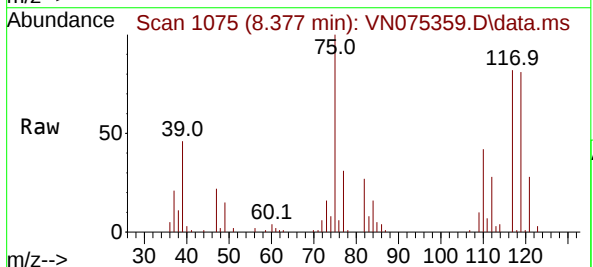
Tgt Ion: 113 Resp: 5108
Ion Ratio Lower Upper
113 100
111 102.3 80.5 120.7
192 18.8 13.2 19.8

Manual Integrations
APPROVED

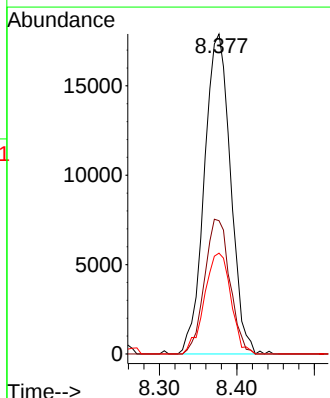
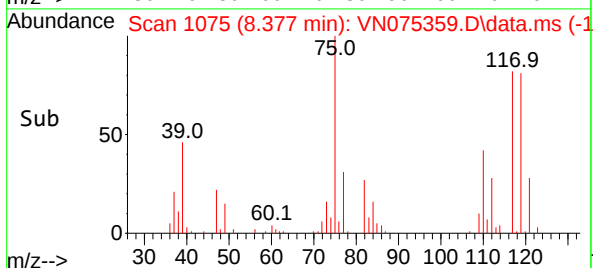
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

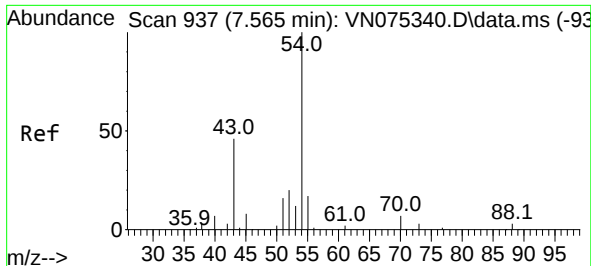


#36
1,1-Dichloropropene
Concen: 19.447 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



Tgt Ion: 75 Resp: 42073
Ion Ratio Lower Upper
75 100
110 40.6 17.8 53.3
77 31.7 24.6 37.0





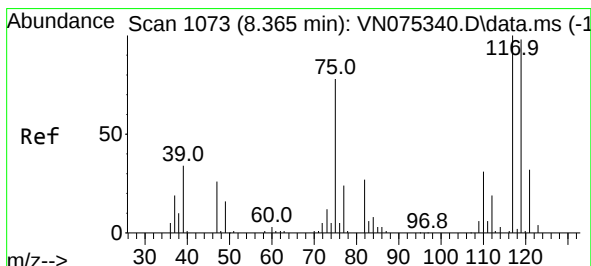
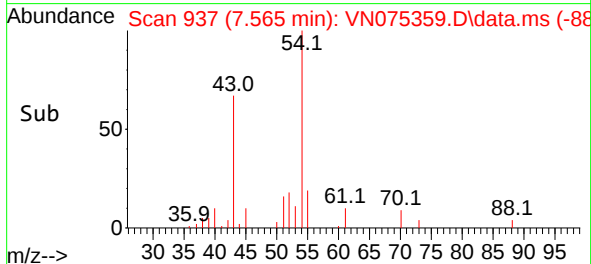
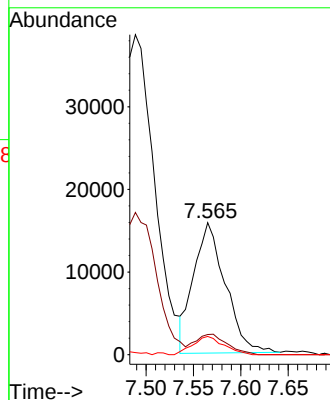
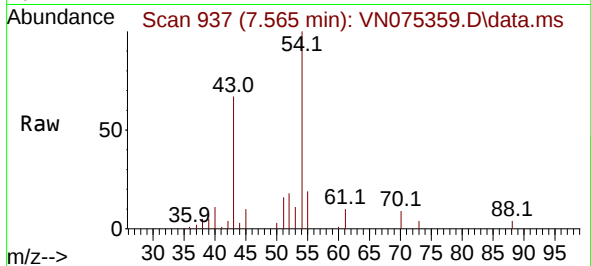
#37
Ethyl Acetate
Concen: 18.915 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 43 Resp: 36849
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.4
70 13.5 9.4 14.2

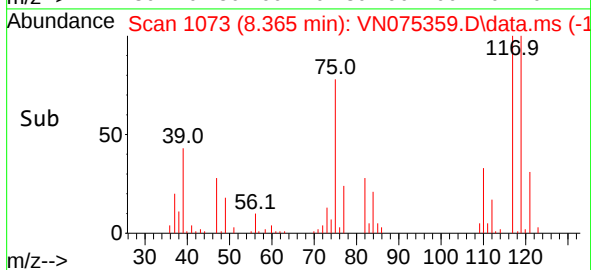
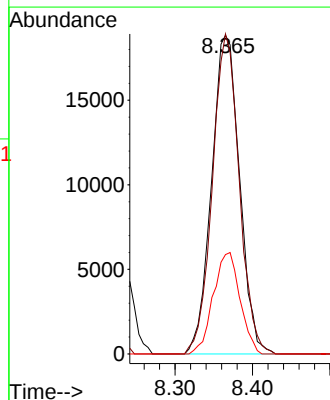
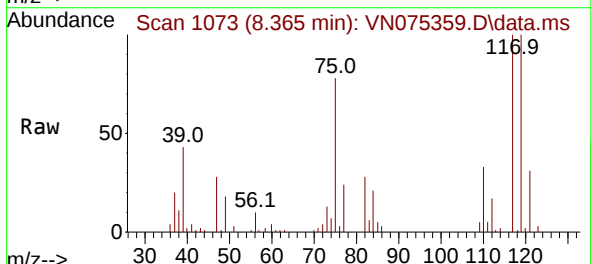
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#38
Carbon Tetrachloride
Concen: 19.900 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion:117 Resp: 47295
Ion Ratio Lower Upper
117 100
119 100.4 76.7 115.1
121 31.2 23.9 35.9





#39

Methylcyclohexane

Concen: 20.057 ug/l

RT: 9.600 min Scan# 1122

Delta R.T. 0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

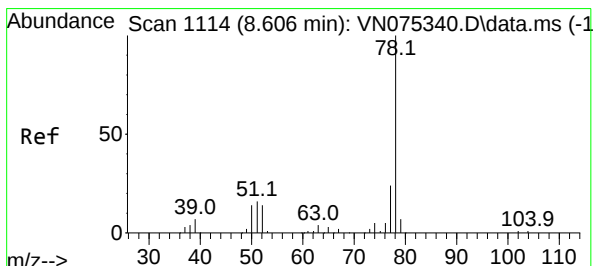
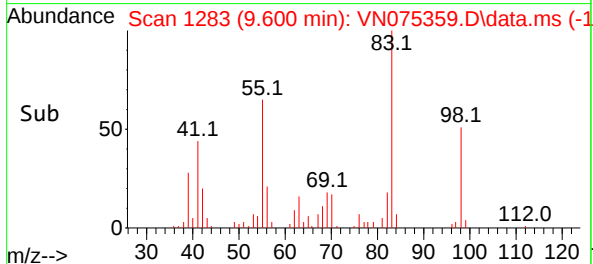
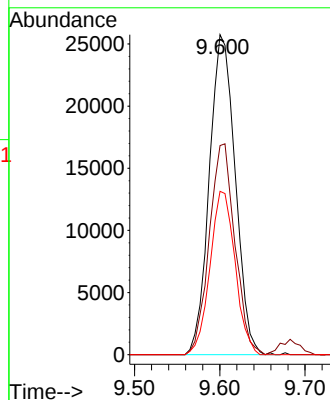
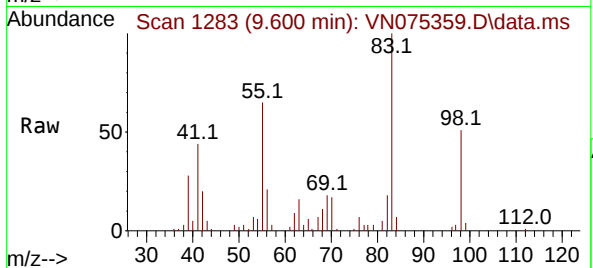
Tgt Ion: 83	Resp: 54308
Ion Ratio	Lower Upper
83 100	
55 65.3	53.6 80.4
98 51.0	41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#40

Benzene

Concen: 19.678 ug/l

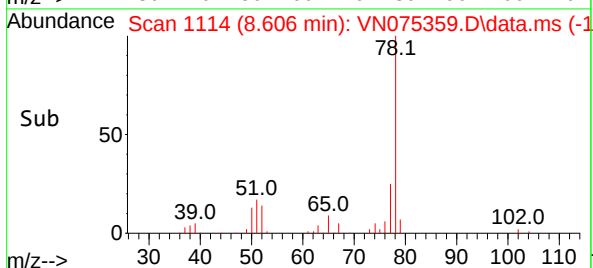
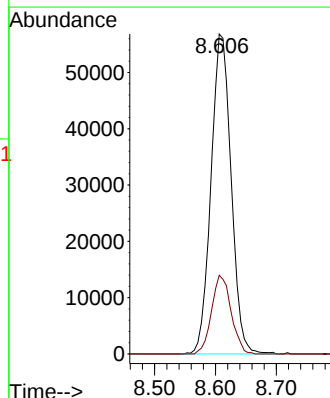
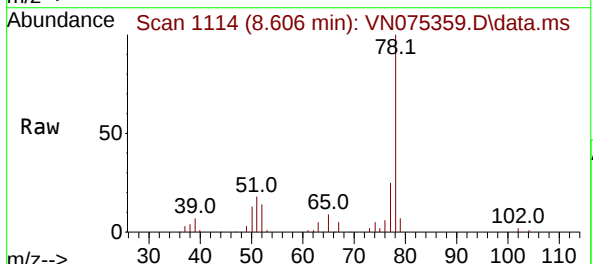
RT: 8.606 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Tgt Ion: 78	Resp: 130347
Ion Ratio	Lower Upper
78 100	
77 24.6	19.4 29.0





#41
Methacrylonitrile
Concen: 21.035 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

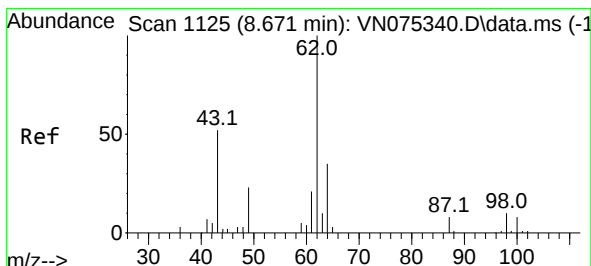
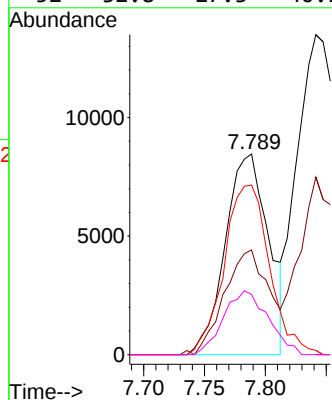
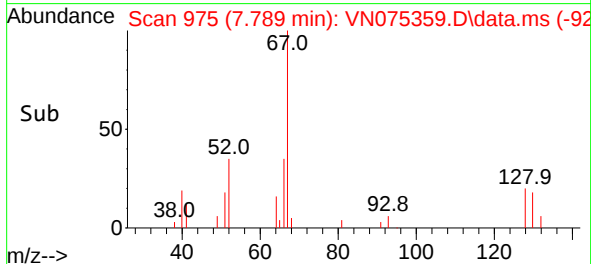
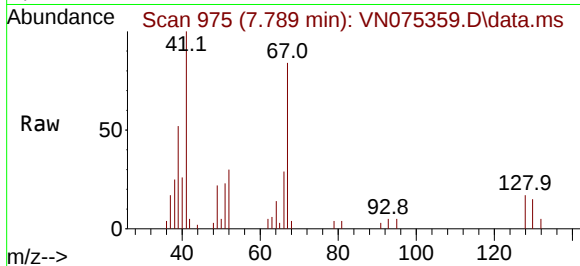
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 41 Resp: 20950

Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.4	66.6
67	88.5	69.8	104.6
52	32.8	27.3	40.9

Manual Integrations
APPROVED

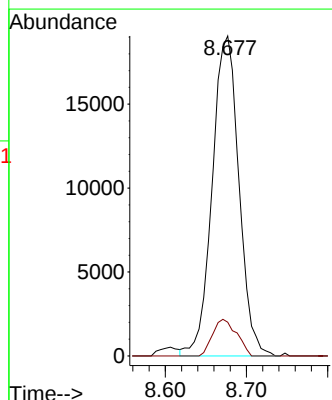
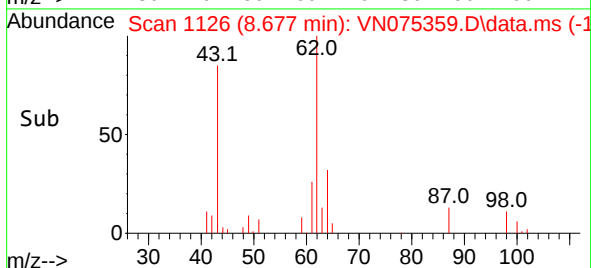
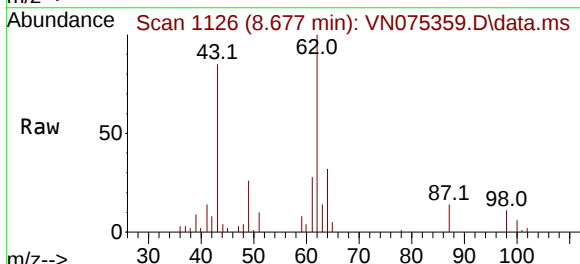
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

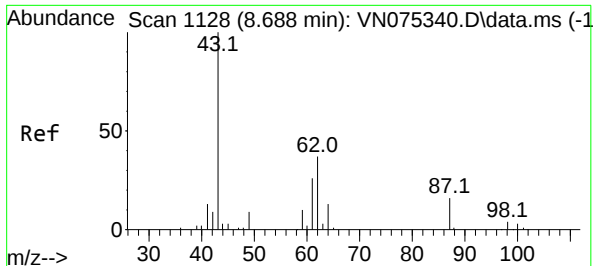


#42
1,2-Dichloroethane
Concen: 19.654 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion: 62 Resp: 43602

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	18.2





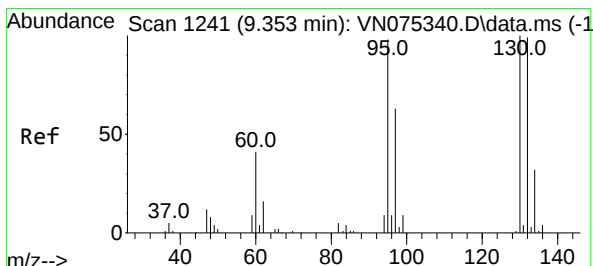
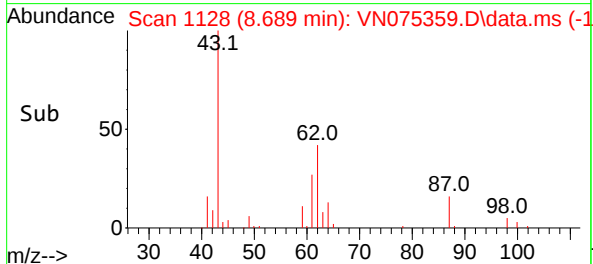
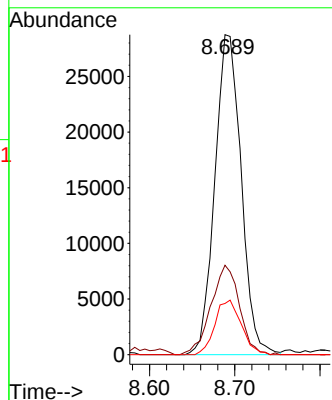
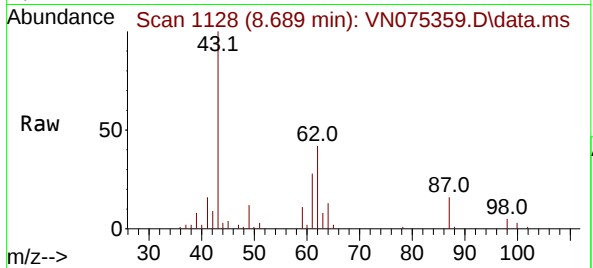
#43
Isopropyl Acetate
Concen: 19.756 ug/l
RT: 8.689 min Scan# 1128
Delta R.T. 0.001 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 43 Resp: 6177
Ion Ratio Lower Upper
43 100
61 30.2 22.4 33.6
87 17.1 12.5 18.7

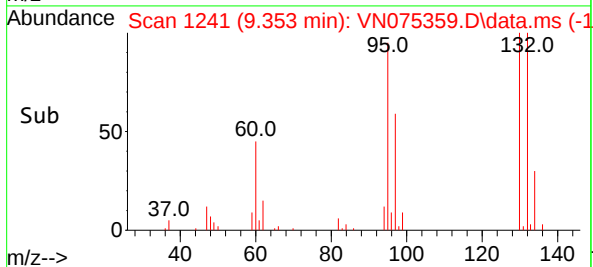
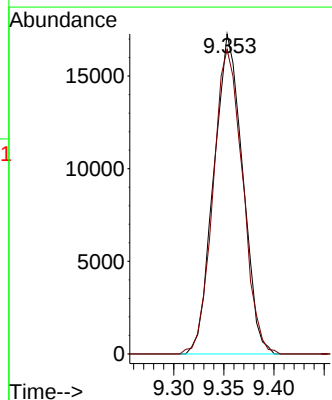
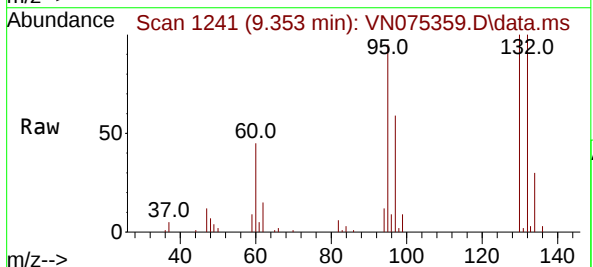
Manual Integrations
APPROVED

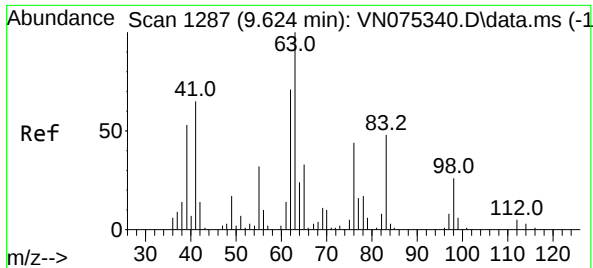
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#44
Trichloroethene
Concen: 19.064 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion:130 Resp: 34553
Ion Ratio Lower Upper
130 100
95 95.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 19.386 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion: 63 Resp: 3060

Ion Ratio Lower Upper

63 100

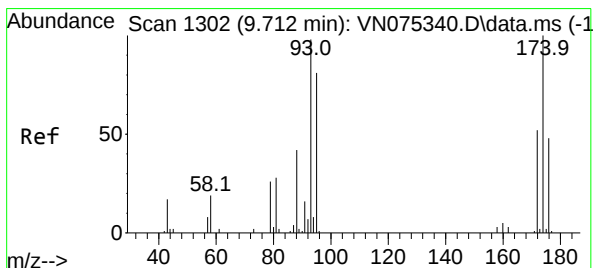
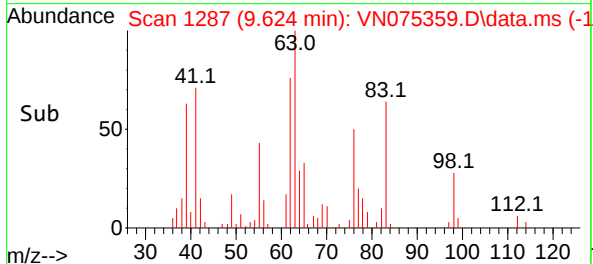
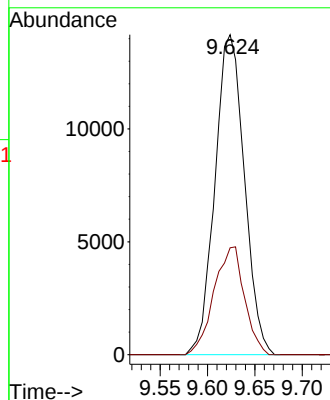
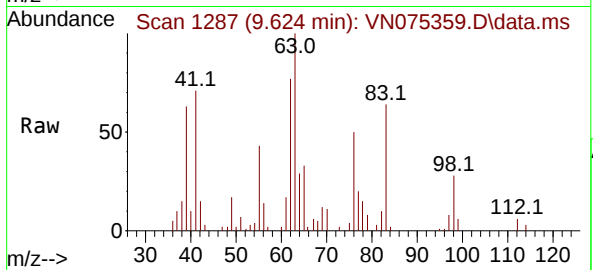
65 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#46

Dibromomethane

Concen: 20.201 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

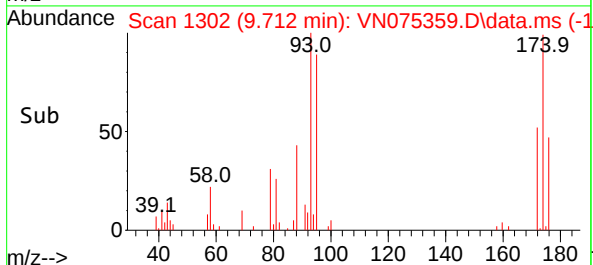
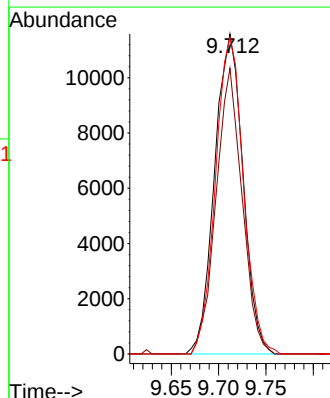
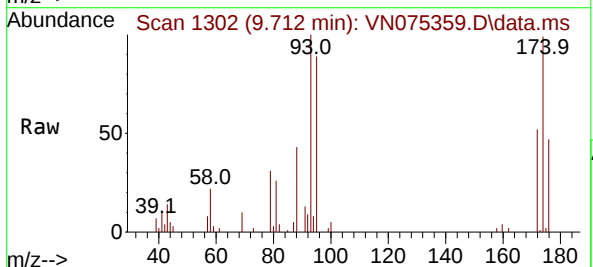
Tgt Ion: 93 Resp: 24119

Ion Ratio Lower Upper

93 100

95 82.3 66.6 99.8

174 97.4 70.3 105.5





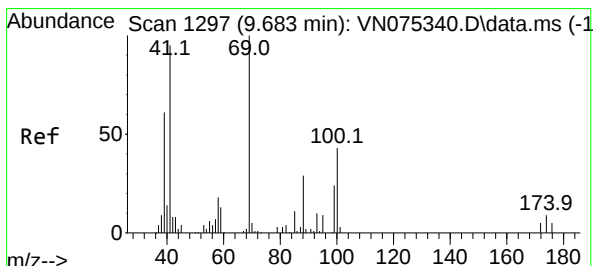
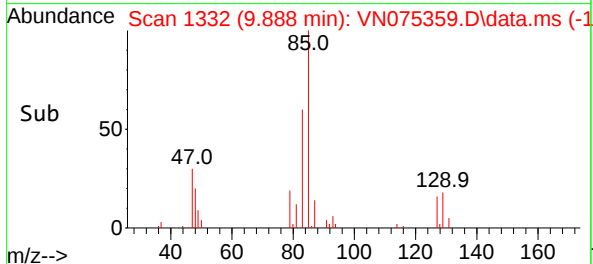
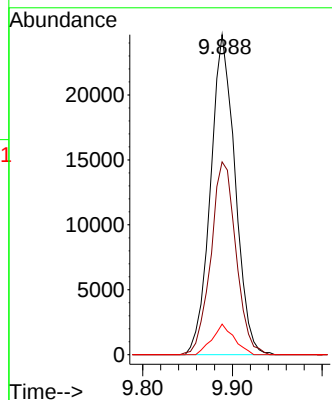
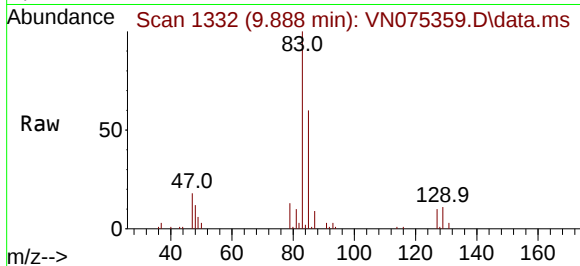
#47
Bromodichloromethane
Concen: 20.235 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 83 Resp: 4678
Ion Ratio Lower Upper
83 100
85 60.2 52.1 78.1
127 9.5 6.6 10.0

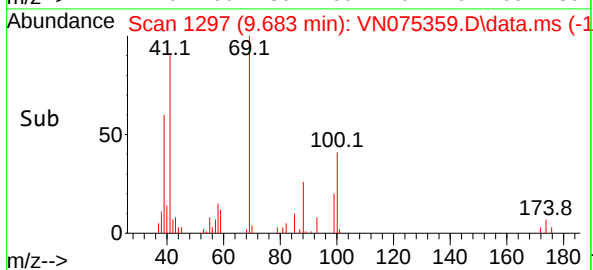
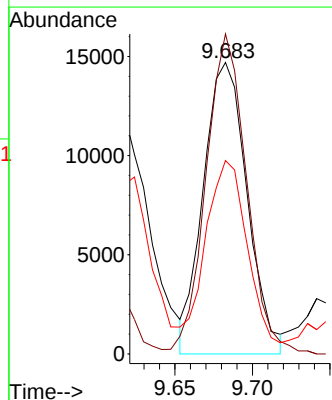
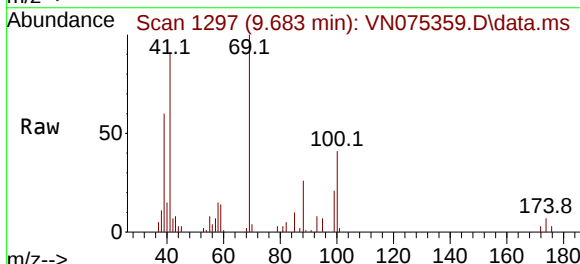
Manual Integrations
APPROVED

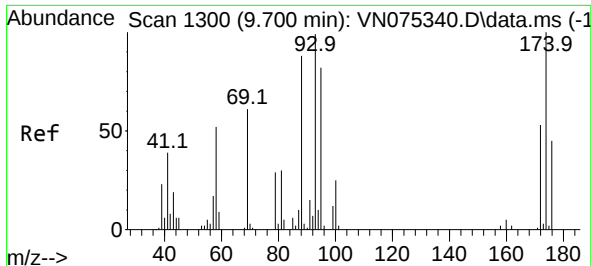
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#48
Methyl methacrylate
Concen: 19.944 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

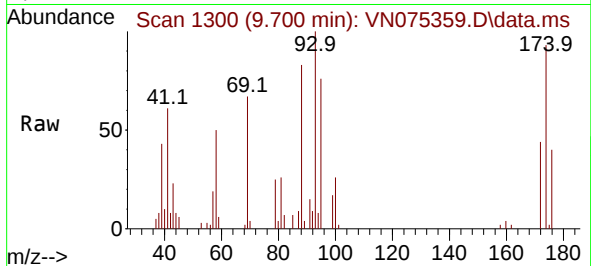
Tgt Ion: 41 Resp: 28836
Ion Ratio Lower Upper
41 100
69 102.3 80.2 120.2
39 64.7 56.2 84.2





#49
1,4-Dioxane
Concen: 399.622 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

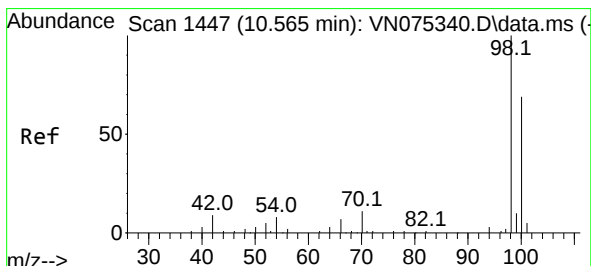
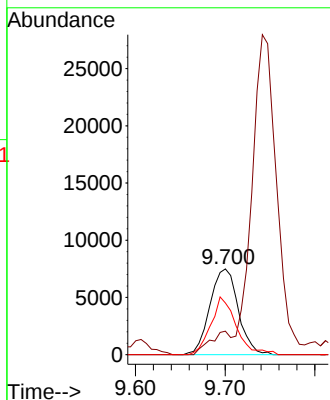
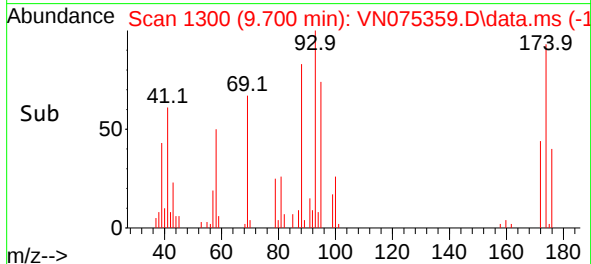
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



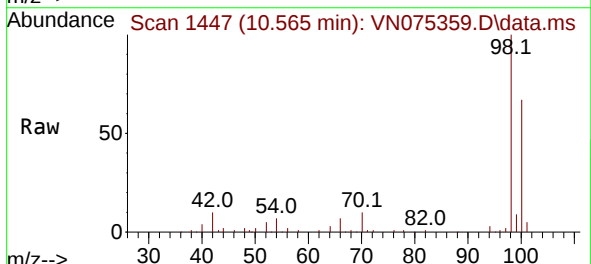
Tgt Ion: 88 Resp: 1640
Ion Ratio Lower Upper
88 100
43 0.0 17.5 26.3
58 60.3 49.8 74.8

Manual Integrations
APPROVED

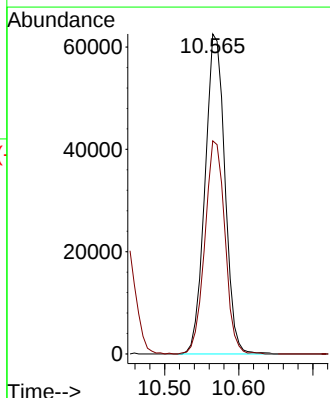
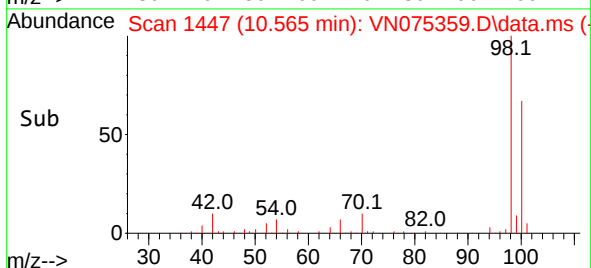
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

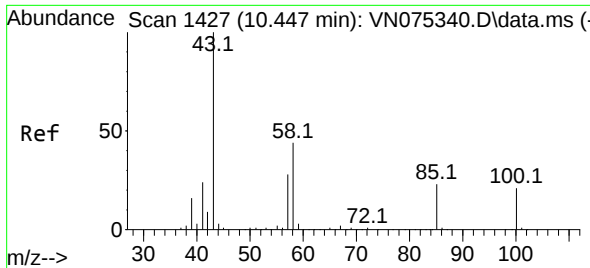


#50
Toluene-d8
Concen: 52.052 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



Tgt Ion: 98 Resp: 116307
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.6





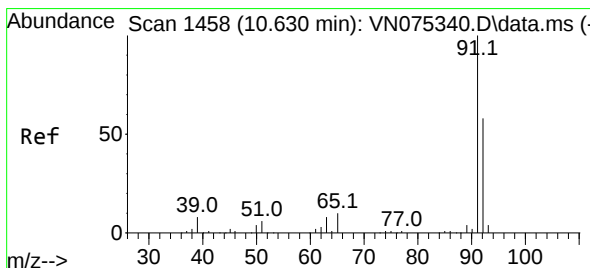
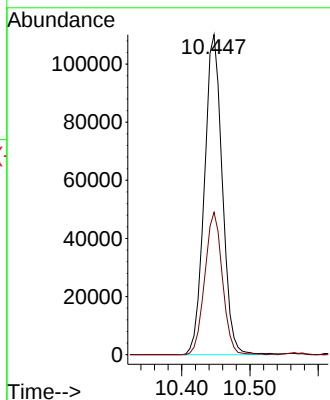
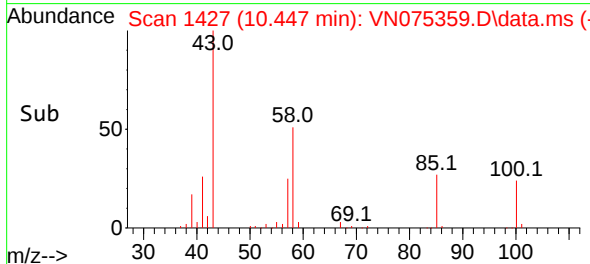
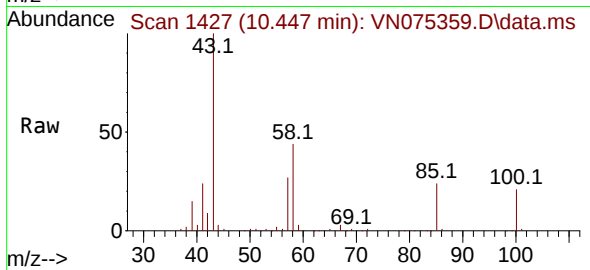
#51
4-Methyl-2-Pentanone
Concen: 101.054 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 43 Resp: 201259
Ion Ratio Lower Upper
43 100
58 43.8 33.6 50.4

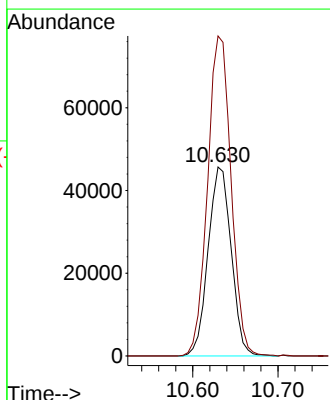
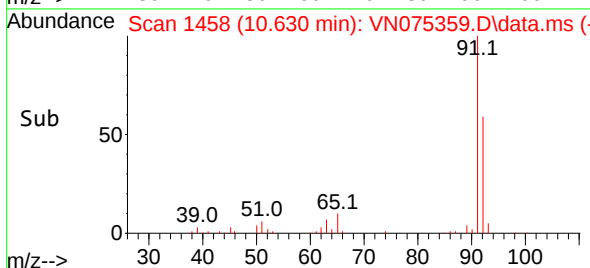
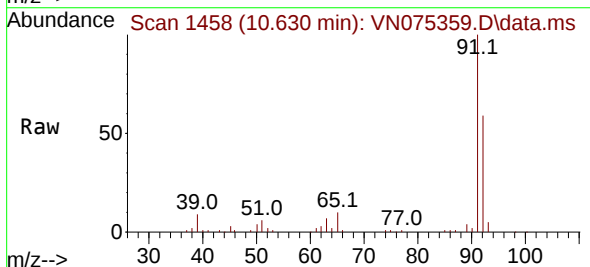
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#52
Toluene
Concen: 20.178 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion: 92 Resp: 86133
Ion Ratio Lower Upper
92 100
91 172.4 135.4 203.2





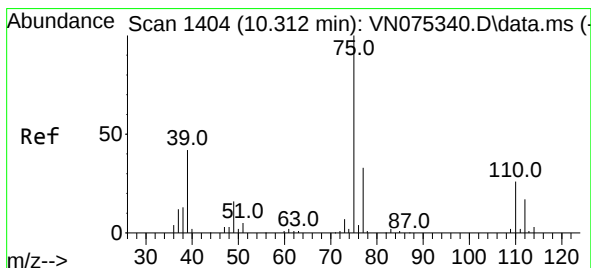
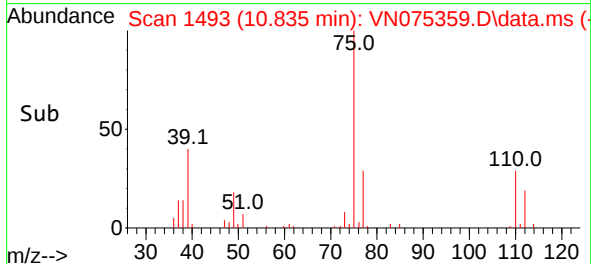
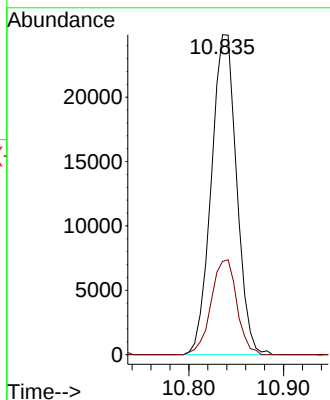
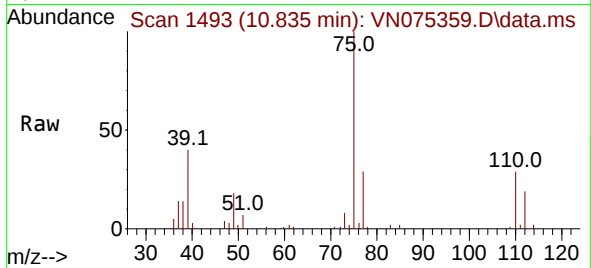
#53
t-1,3-Dichloropropene
Concen: 19.925 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 75 Resp: 46252
Ion Ratio Lower Upper
75 100
77 29.1 25.4 38.2

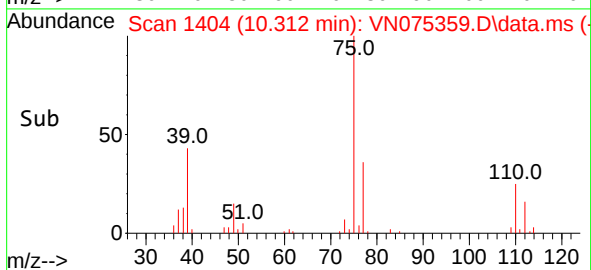
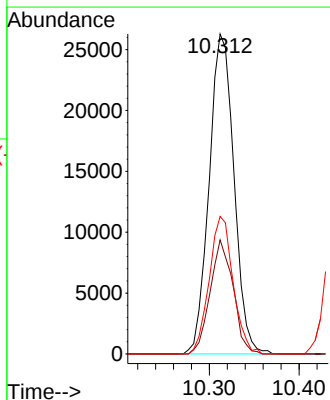
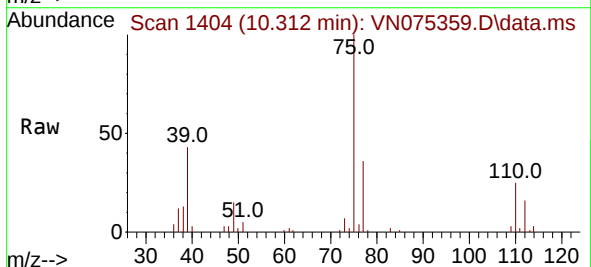
Manual Integrations
APPROVED

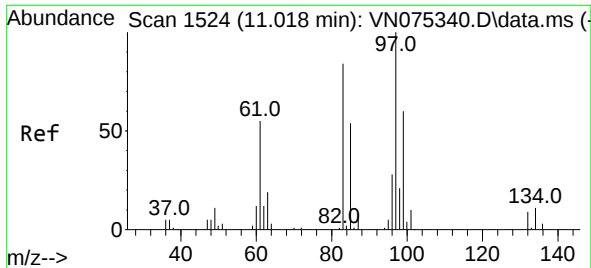
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#54
cis-1,3-Dichloropropene
Concen: 20.029 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

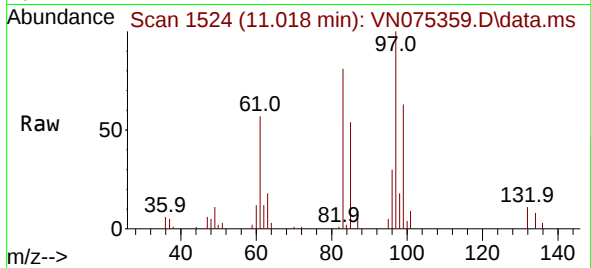
Tgt Ion: 75 Resp: 50494
Ion Ratio Lower Upper
75 100
77 35.6 23.7 35.5#
39 43.0 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 19.914 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

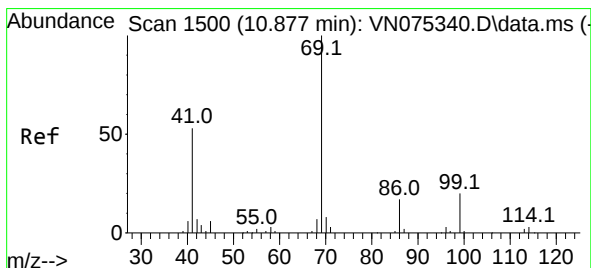
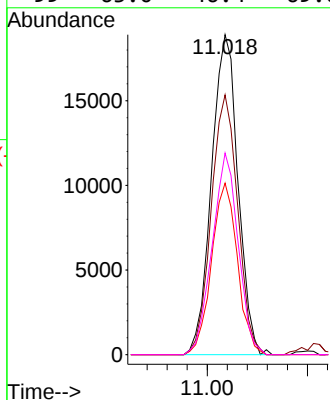
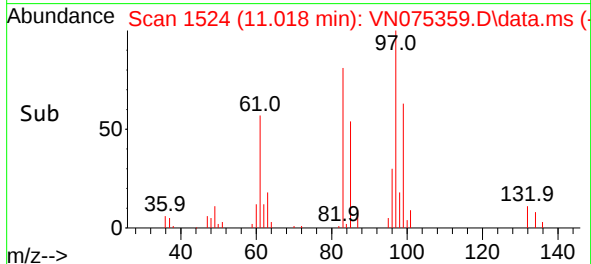


Tgt Ion: 97 Resp: 3462

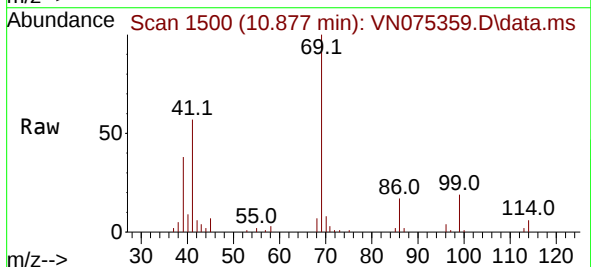
Ion	Ratio	Lower	Upper
97	100		
83	81.2	65.9	98.9
85	53.6	40.4	60.6
99	63.0	46.4	69.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

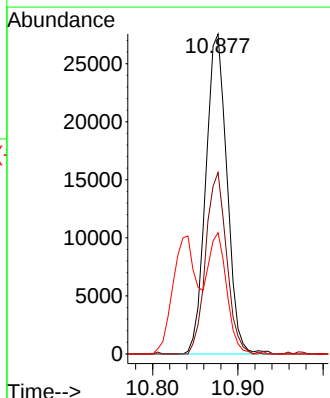
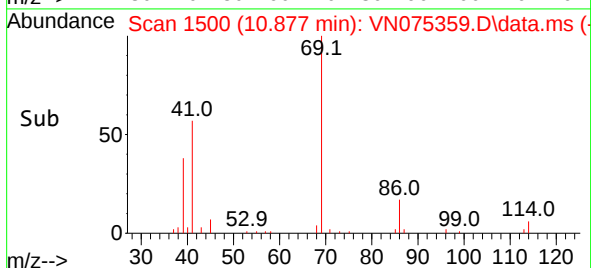


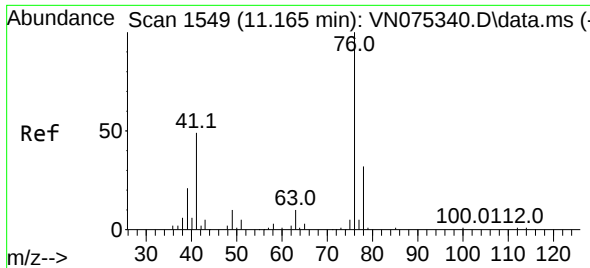
#56
Ethyl methacrylate
Concen: 20.262 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



Tgt Ion: 69 Resp: 47574

Ion	Ratio	Lower	Upper
69	100		
41	55.9	45.6	68.4
39	32.7	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.677 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion: 76 Resp: 55780

Ion Ratio Lower Upper

76 100

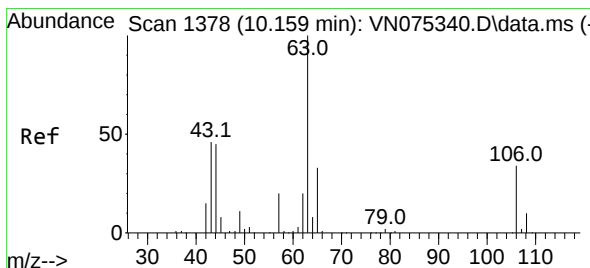
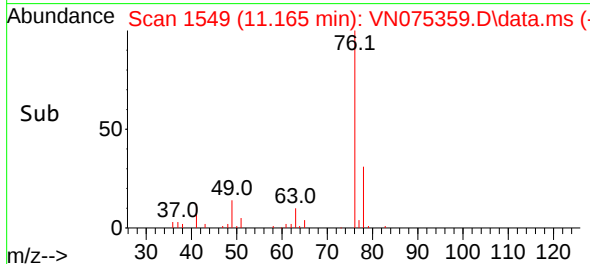
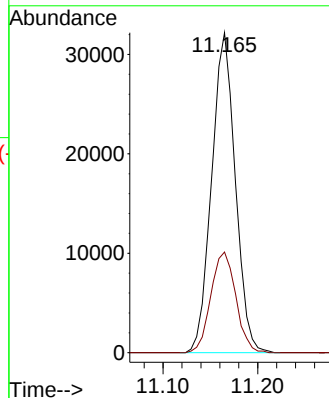
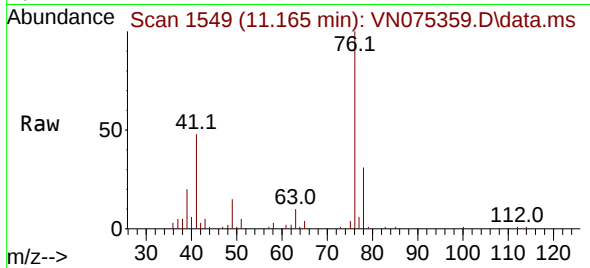
78 33.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 103.576 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075359.D

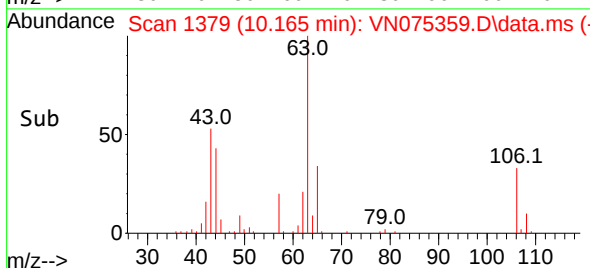
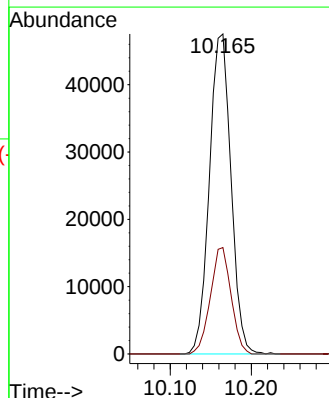
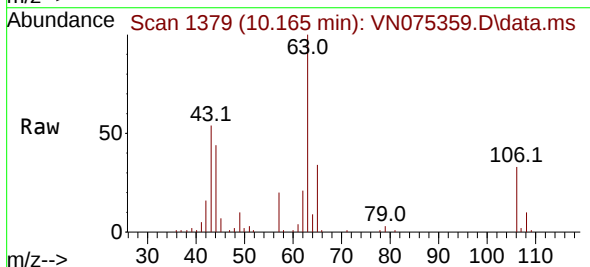
Acq: 22 Nov 2022 11:43

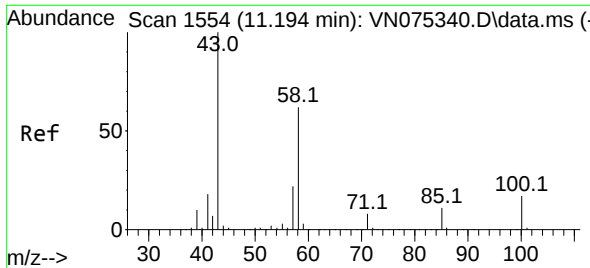
Tgt Ion: 63 Resp: 87706

Ion Ratio Lower Upper

63 100

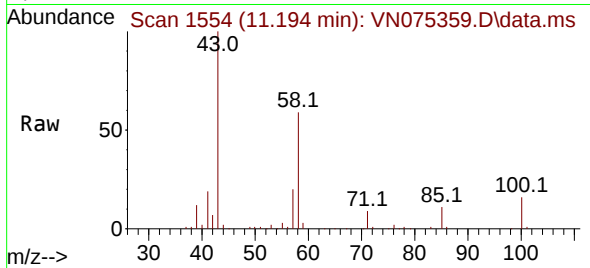
106 31.9 24.8 37.2





#59
2-Hexanone
Concen: 102.738 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

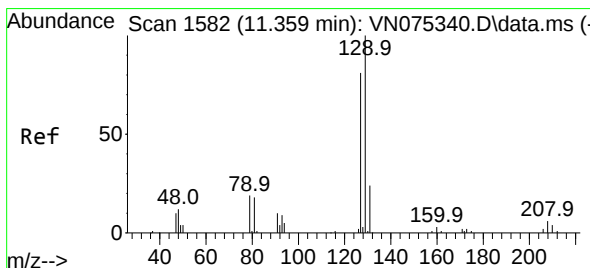
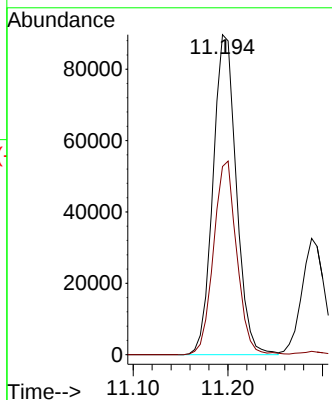
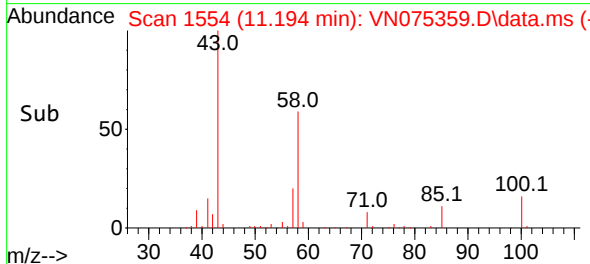
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



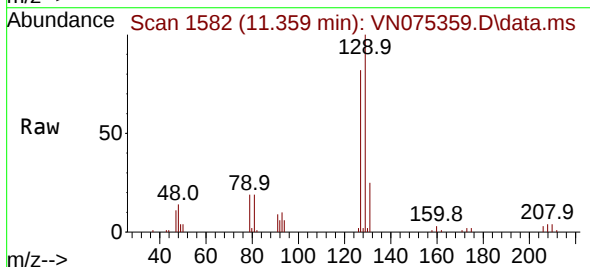
Tgt Ion: 43 Resp: 153649
Ion Ratio Lower Upper
43 100
58 60.1 29.6 88.8

Manual Integrations
APPROVED

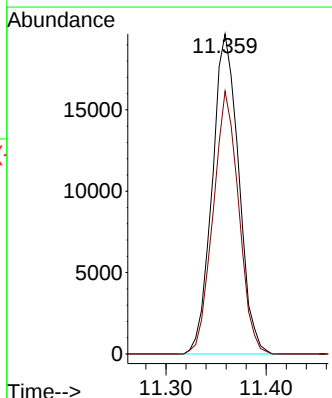
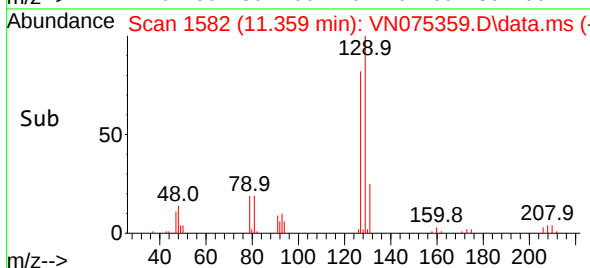
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#60
Dibromochloromethane
Concen: 20.184 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



Tgt Ion:129 Resp: 36019
Ion Ratio Lower Upper
129 100
127 79.4 38.6 115.8





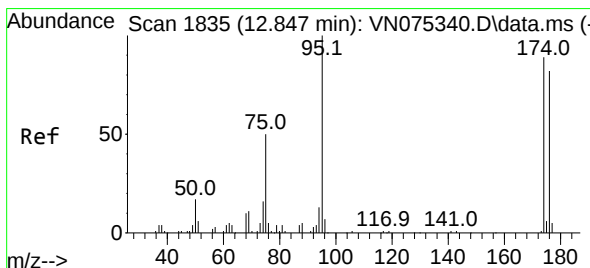
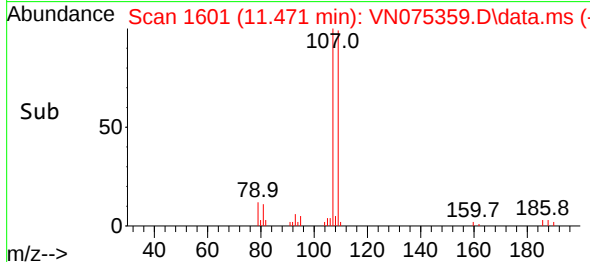
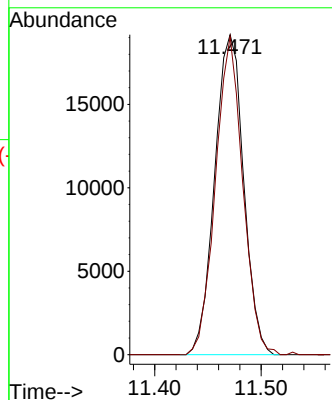
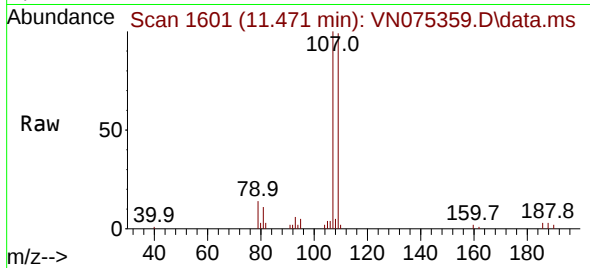
#61
1,2-Dibromoethane
Concen: 20.037 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion:107 Resp: 3615
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

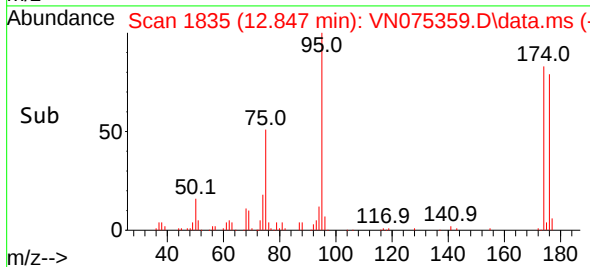
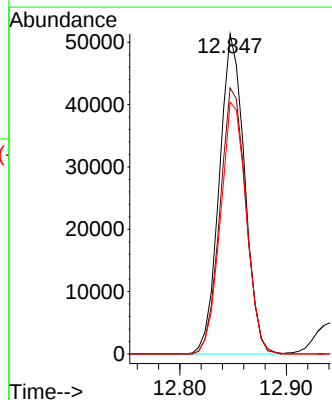
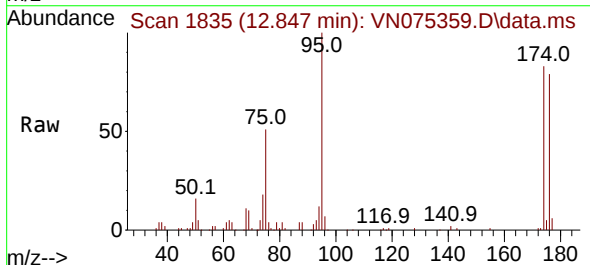
Manual Integrations
APPROVED

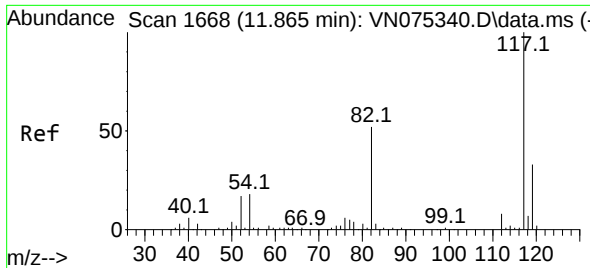
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#62
4-Bromofluorobenzene
Concen: 51.201 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

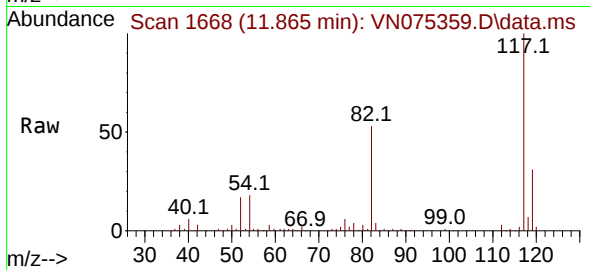
Tgt Ion: 95 Resp: 84445
Ion Ratio Lower Upper
95 100
174 85.1 0.0 147.4
176 80.6 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

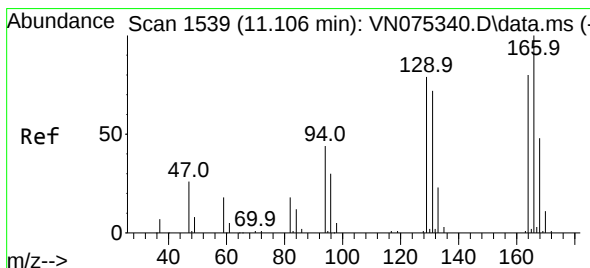
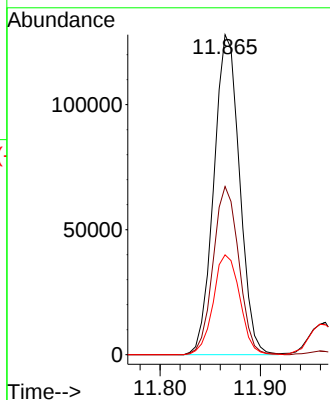
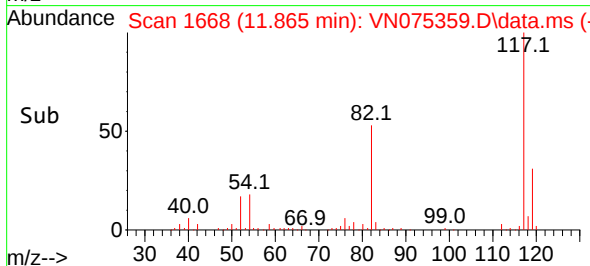
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



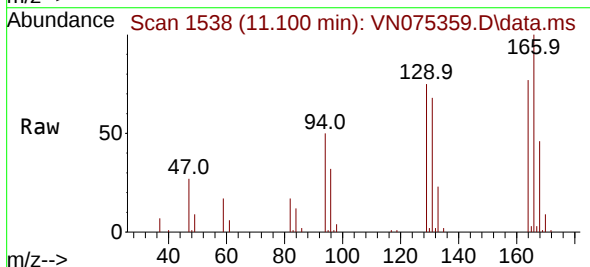
Tgt Ion:117 Resp: 228318
Ion Ratio Lower Upper
117 100
82 52.5 43.1 64.7
119 31.2 25.5 38.3

Manual Integrations
APPROVED

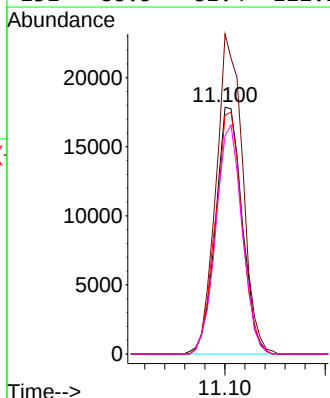
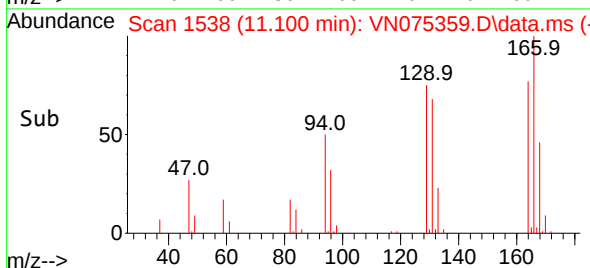
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

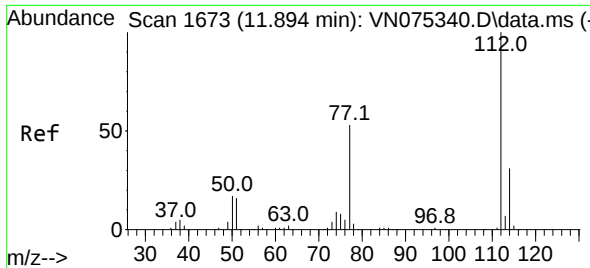


#64
Tetrachloroethene
Concen: 18.903 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



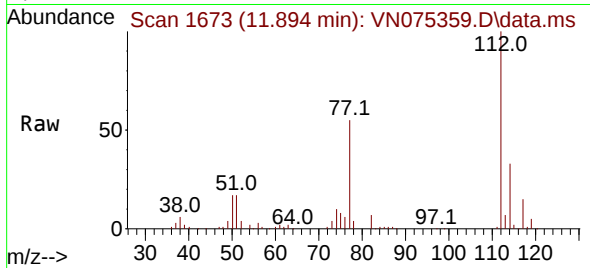
Tgt Ion:164 Resp: 32959
Ion Ratio Lower Upper
164 100
166 129.7 106.5 159.7
129 96.8 81.9 122.9
131 88.5 81.4 122.2





#65
Chlorobenzene
Concen: 19.433 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

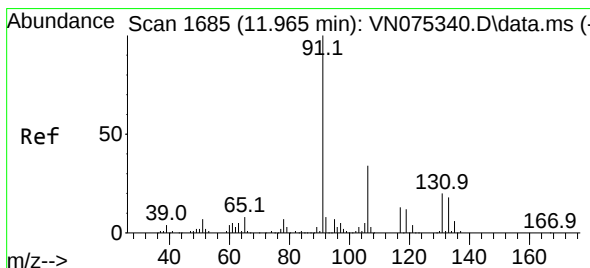
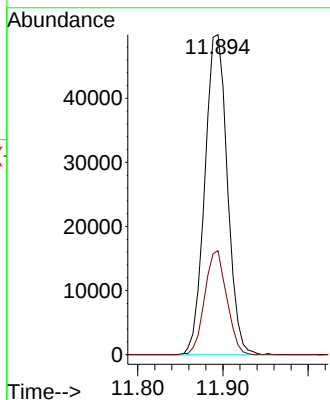
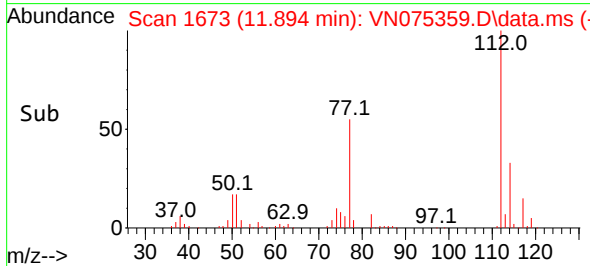
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



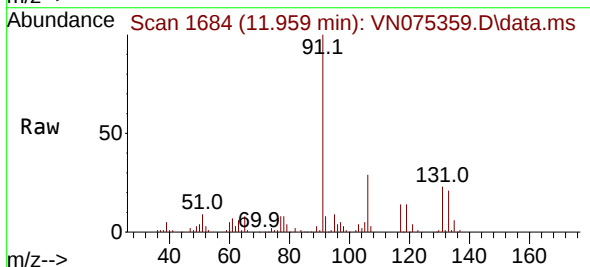
Tgt Ion:112 Resp: 91630
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

Manual Integrations
APPROVED

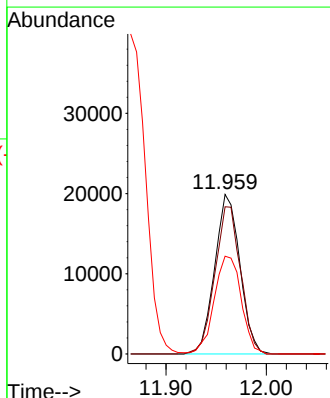
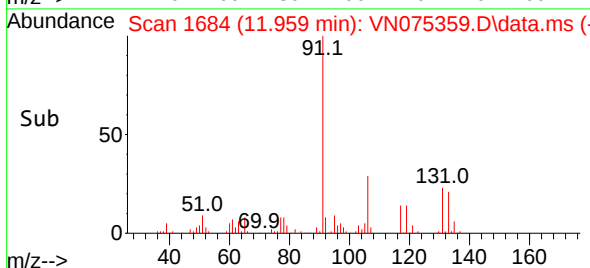
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.732 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



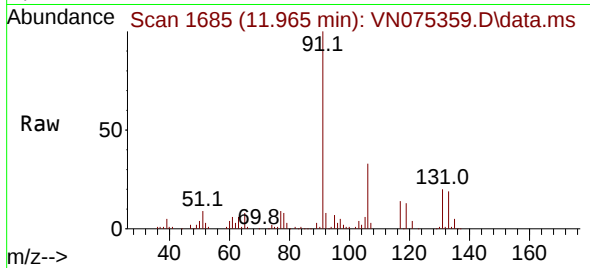
Tgt Ion:131 Resp: 34724
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 65.4 33.0 99.0





#67
Ethyl Benzene
Concen: 20.088 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

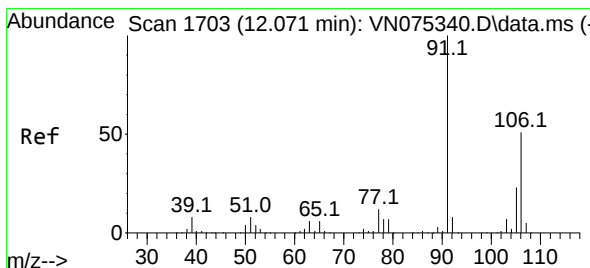
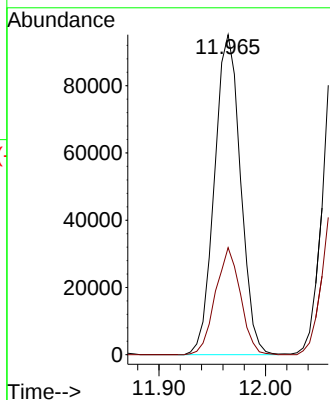
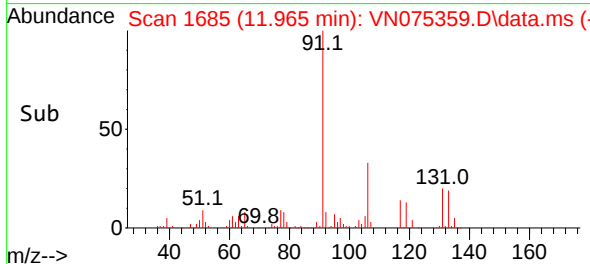
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



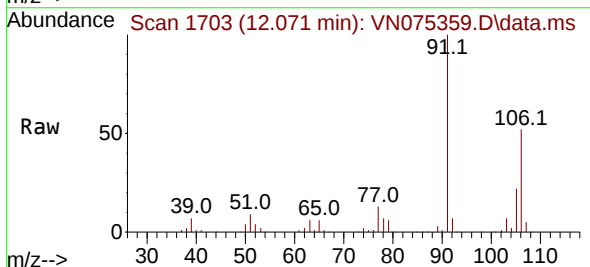
Tgt Ion: 91 Resp: 161592
Ion Ratio Lower Upper
91 100
106 33.5 24.9 37.3

Manual Integrations
APPROVED

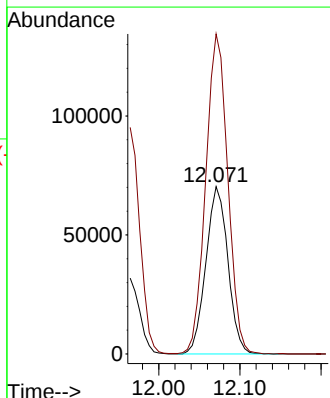
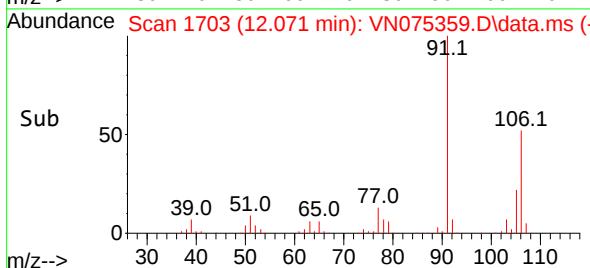
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

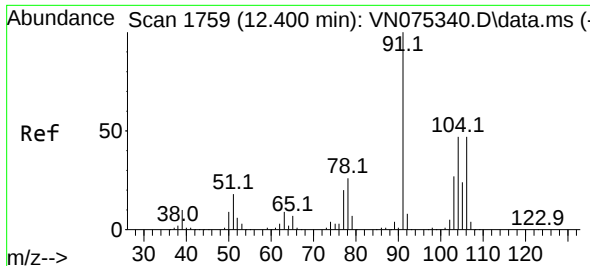


#68
m/p-Xylenes
Concen: 40.547 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



Tgt Ion:106 Resp: 132455
Ion Ratio Lower Upper
106 100
91 191.7 156.0 234.0





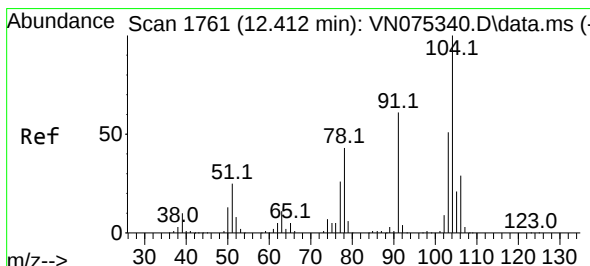
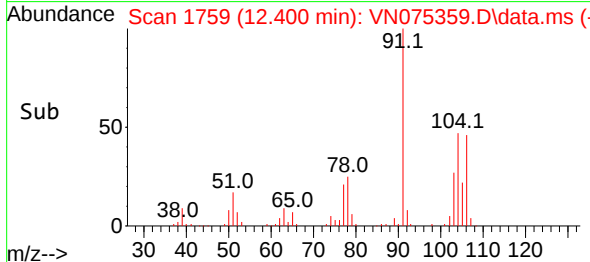
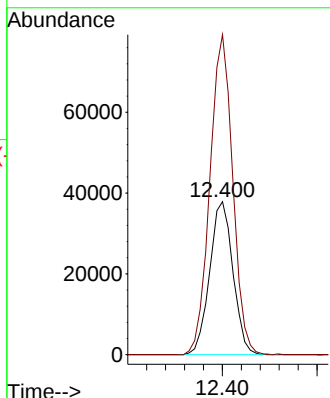
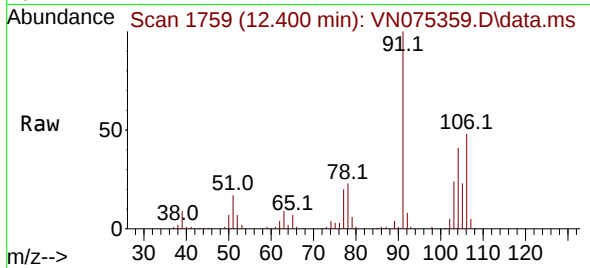
#69
o-Xylene
Concen: 19.893 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion:106 Resp: 6456
Ion Ratio Lower Upper
106 100
91 204.8 105.2 315.5

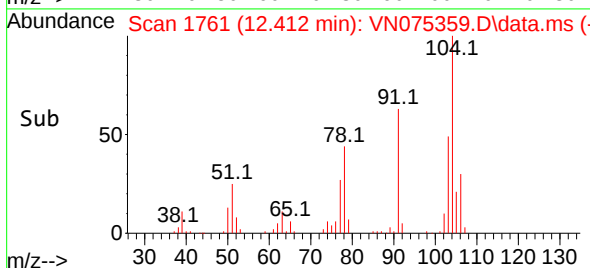
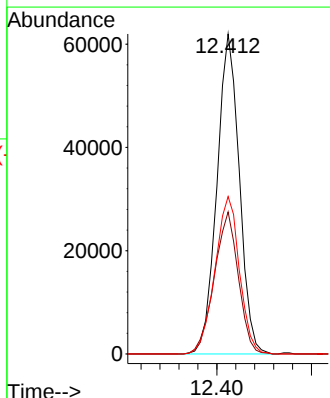
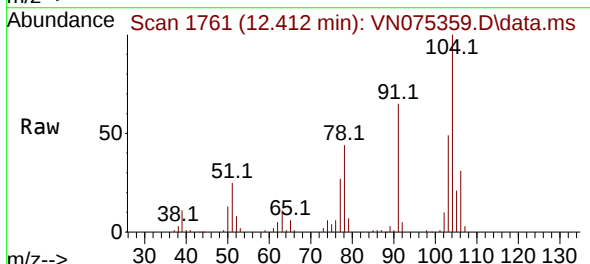
Manual Integrations
APPROVED

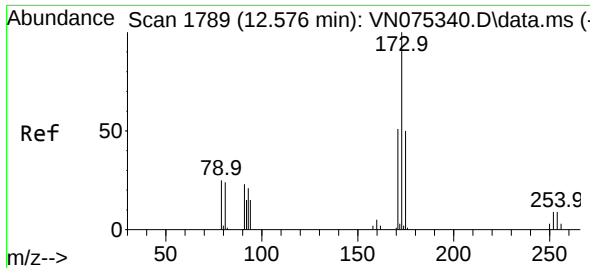
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#70
Styrene
Concen: 19.887 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

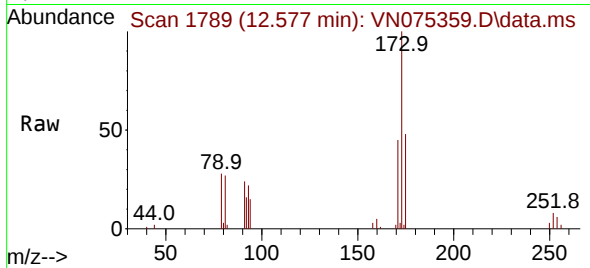
Tgt Ion:104 Resp: 101826
Ion Ratio Lower Upper
104 100
78 47.5 38.1 57.1
103 53.6 44.6 66.8





#71
Bromoform
Concen: 20.161 ug/l
RT: 12.577 min Scan# 1789
Delta R.T. 0.001 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

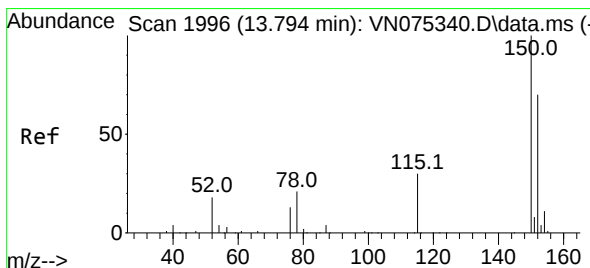
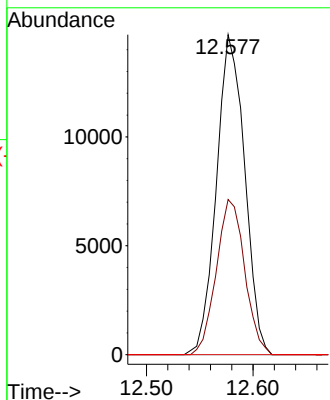
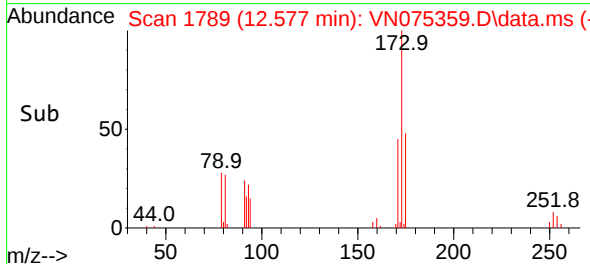
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



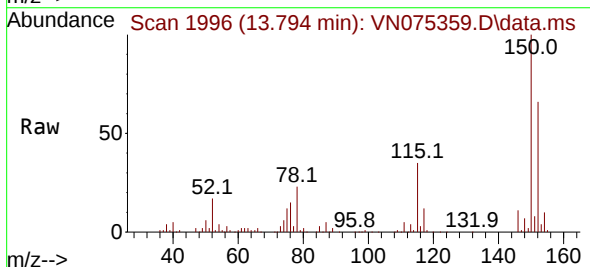
Tgt Ion:173 Resp: 27000
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

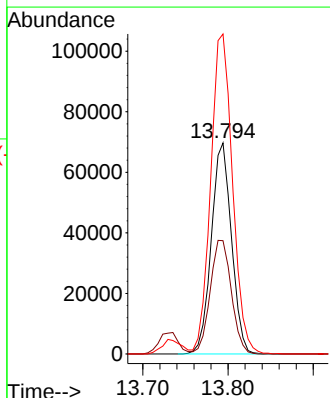
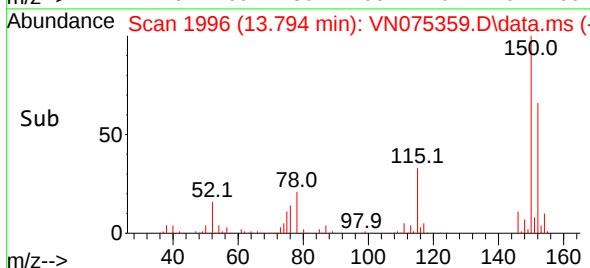
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

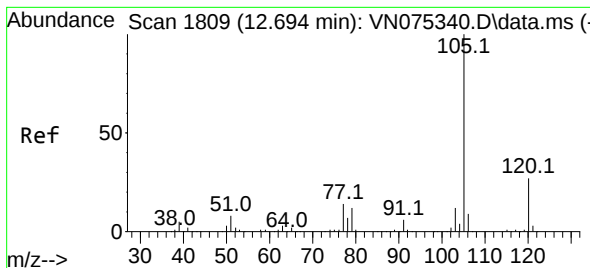


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



Tgt Ion:152 Resp: 114660
Ion Ratio Lower Upper
152 100
115 56.3 30.2 90.6
150 164.2 0.0 348.4





#73

Isopropylbenzene

Concen: 19.620 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion:105 Resp: 164358

Ion Ratio Lower Upper

105 100

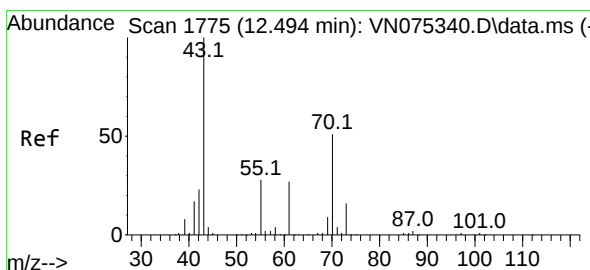
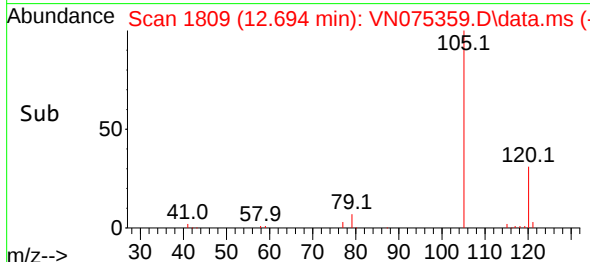
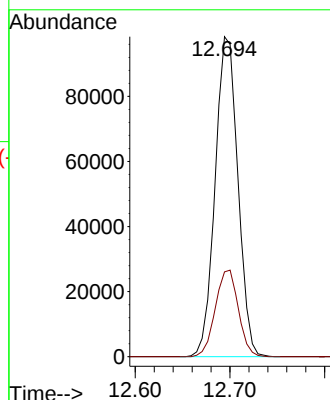
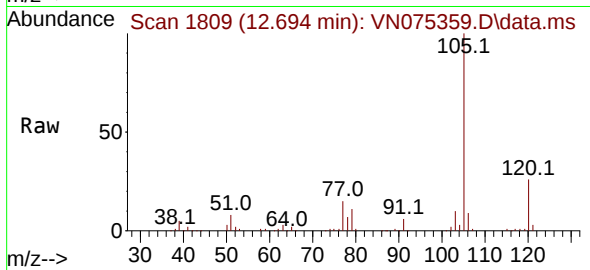
120 27.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#74

N-ethyl acetate

Concen: 19.920 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Tgt Ion: 43 Resp: 51302

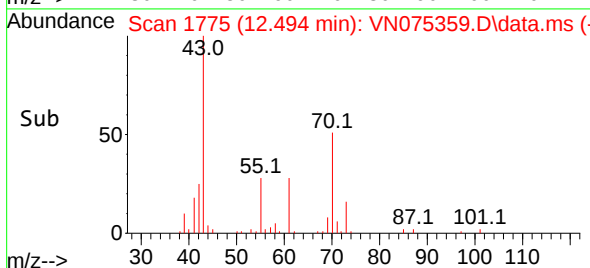
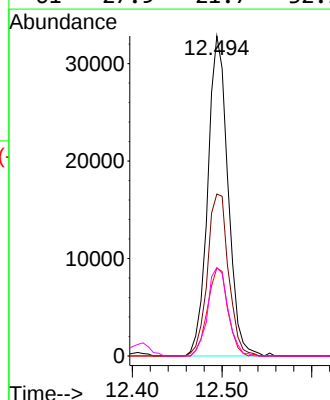
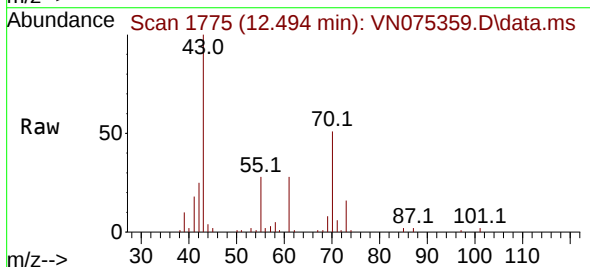
Ion Ratio Lower Upper

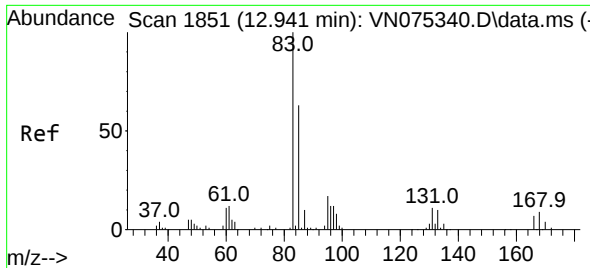
43 100

70 52.9 39.8 59.8

55 27.5 19.9 29.9

61 27.9 21.7 32.5





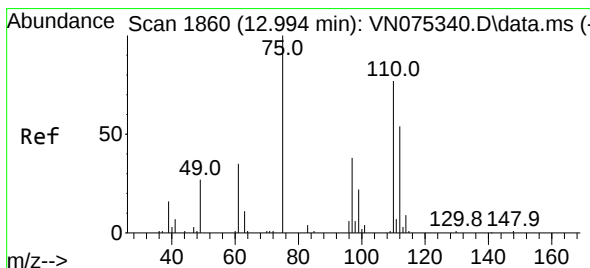
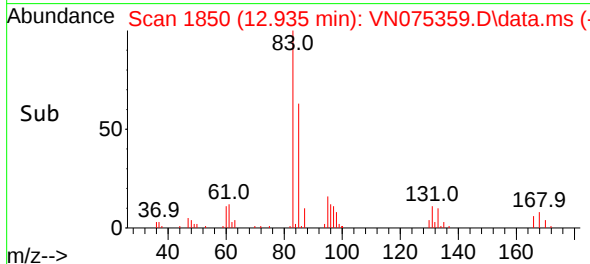
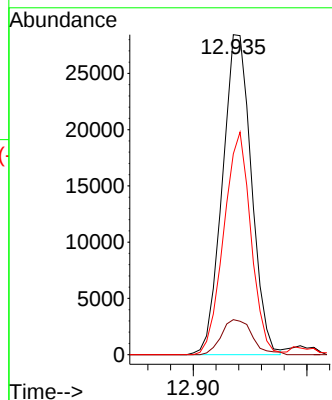
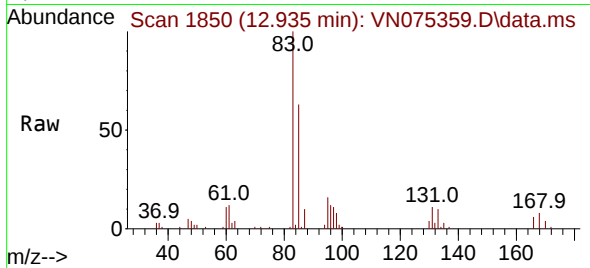
#75
1,1,2,2-Tetrachloroethane
Concen: 19.737 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument : MSVOA_N
ClientSampleId : VN1122MBS01

Tgt Ion: 83 Resp: 5040
Ion Ratio Lower Upper
83 100
131 11.6 5.1 15.3
85 65.1 31.6 94.7

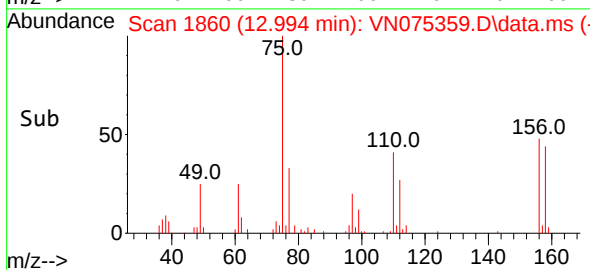
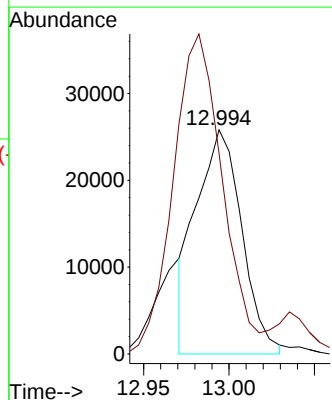
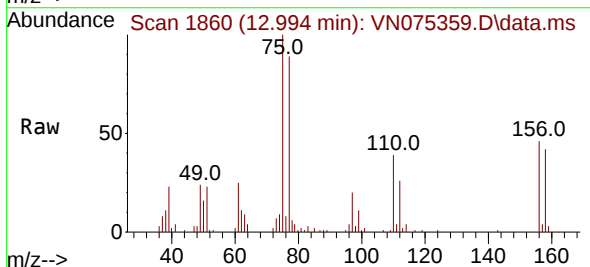
Manual Integrations
APPROVED

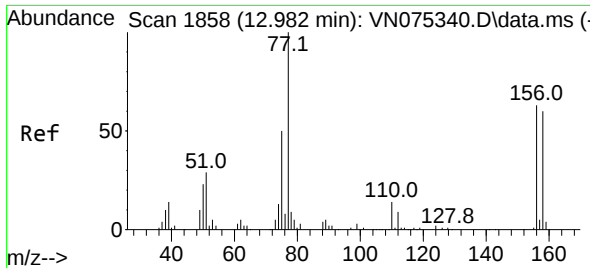
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#76
1,2,3-Trichloropropane
Concen: 22.100 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion: 75 Resp: 47911
Ion Ratio Lower Upper
75 100
77 153.4 75.6 226.8





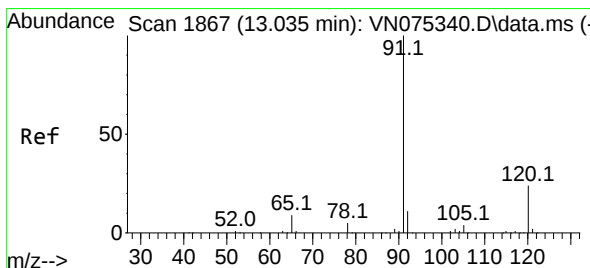
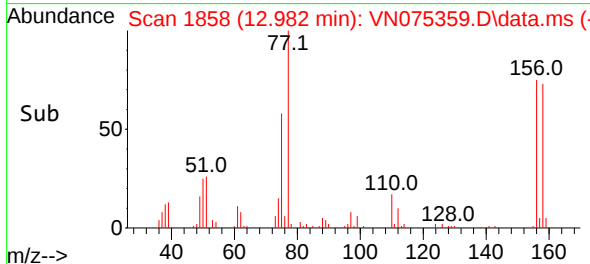
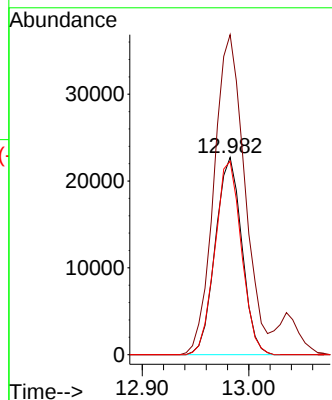
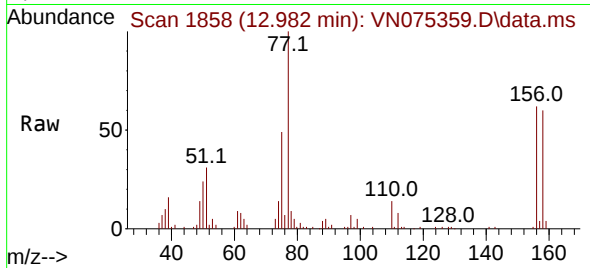
#77
Bromobenzene
Concen: 18.999 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion:156 Resp: 3929
Ion Ratio Lower Upper
156 100
77 187.1 108.5 325.5
158 98.1 47.7 143.1

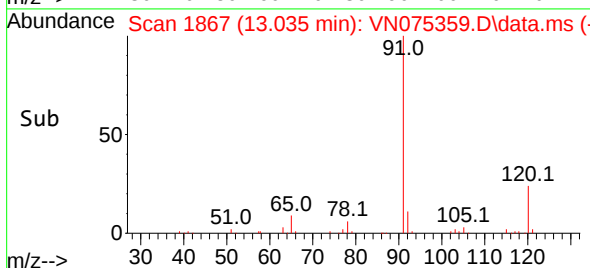
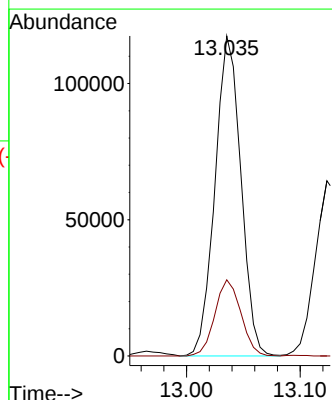
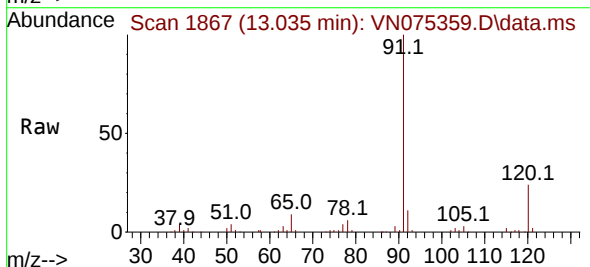
Manual Integrations
APPROVED

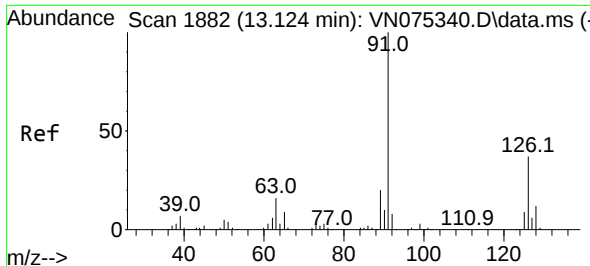
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#78
n-propylbenzene
Concen: 19.916 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion: 91 Resp: 186195
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





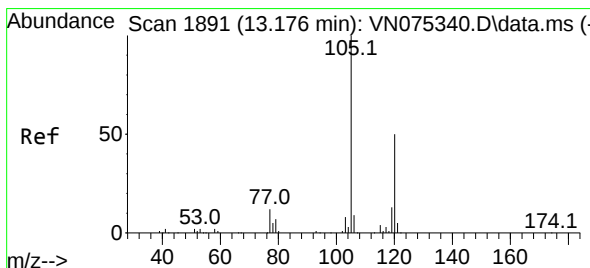
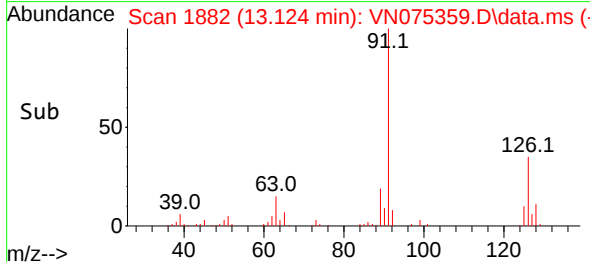
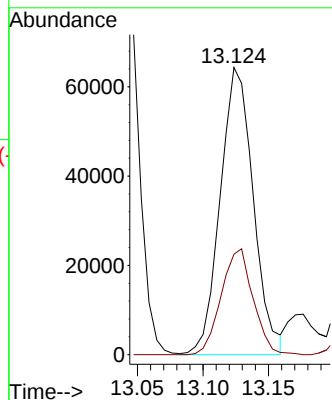
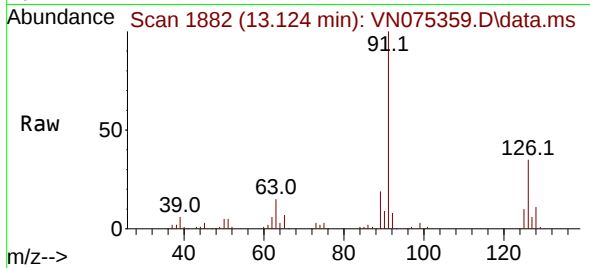
#79
2-Chlorotoluene
Concen: 20.054 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 91 Resp: 11296
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.7

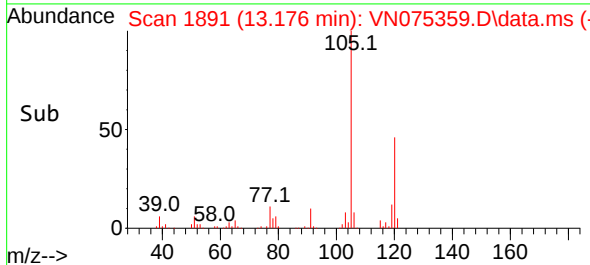
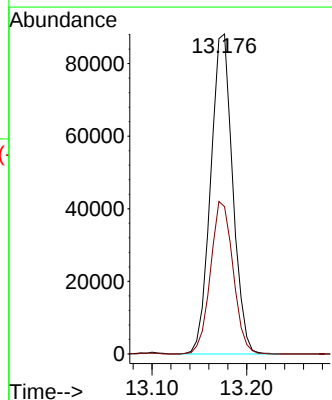
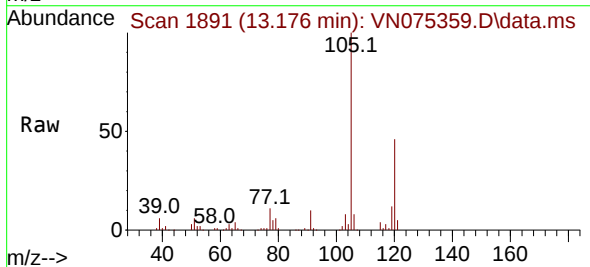
Manual Integrations
APPROVED

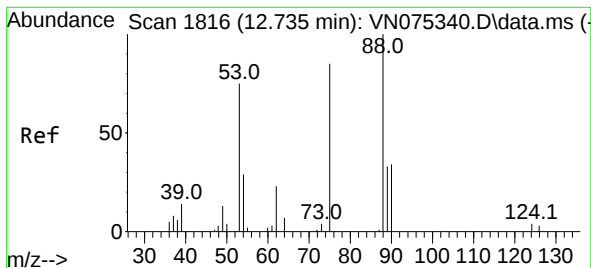
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.445 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion:105 Resp: 142295
Ion Ratio Lower Upper
105 100
120 49.0 24.7 74.1





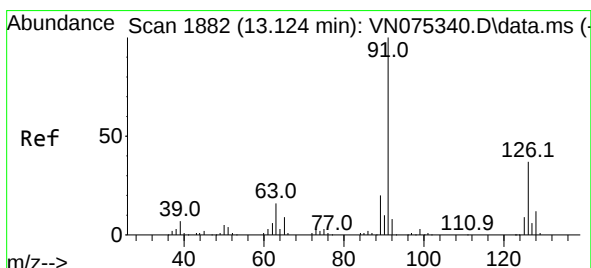
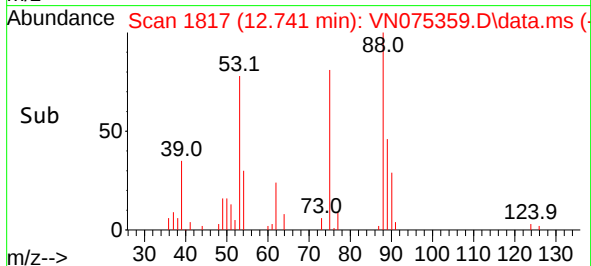
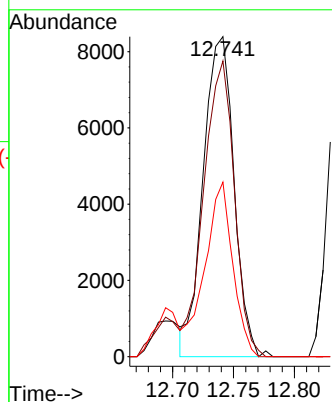
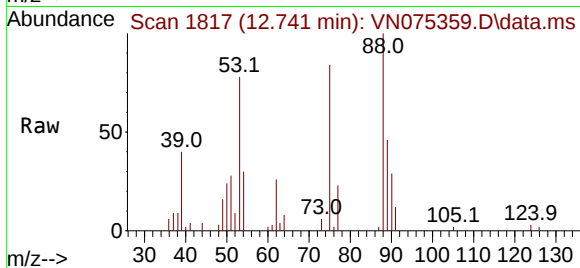
#81
trans-1,4-Dichloro-2-butene
Concen: 20.108 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 75 Resp: 1473
Ion Ratio Lower Upper
75 100
53 91.9 78.5 117.7
89 50.0 37.7 56.5

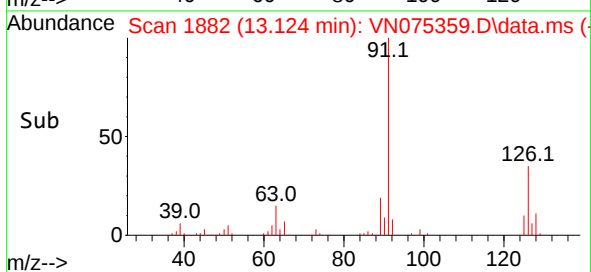
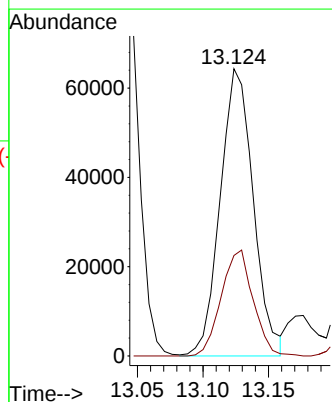
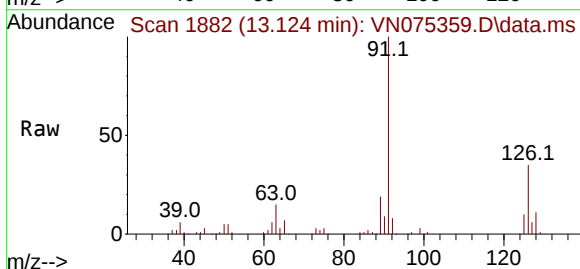
Manual Integrations
APPROVED

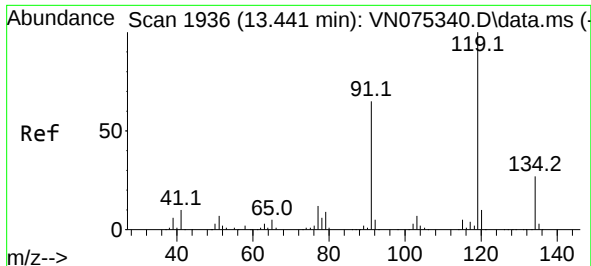
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#82
4-Chlorotoluene
Concen: 20.054 ug/l
RT: 13.124 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

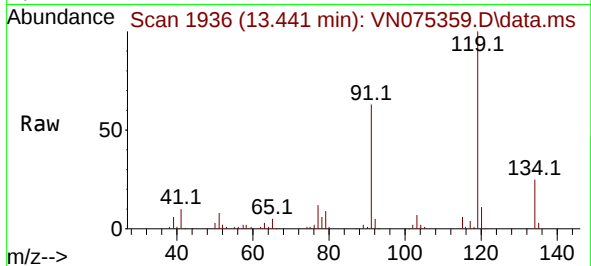
Tgt Ion: 91 Resp: 112963
Ion Ratio Lower Upper
91 100
126 35.5 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.788 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

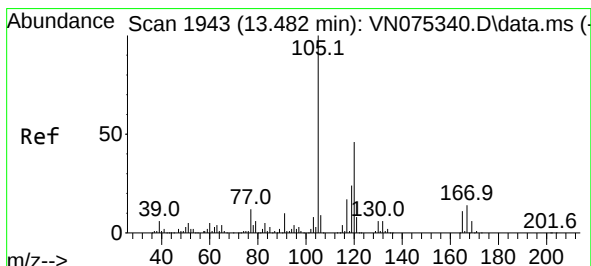
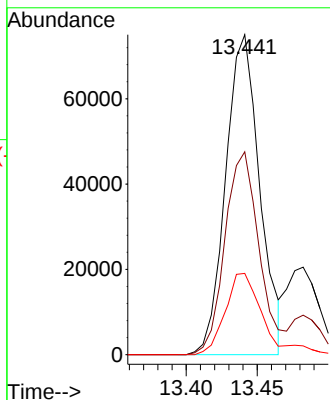
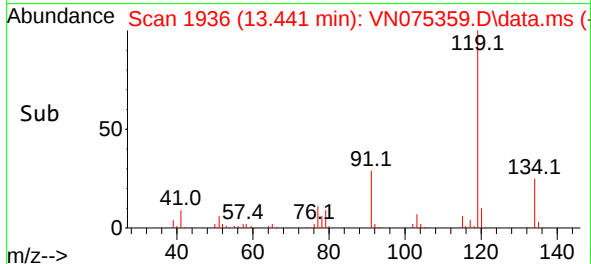
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



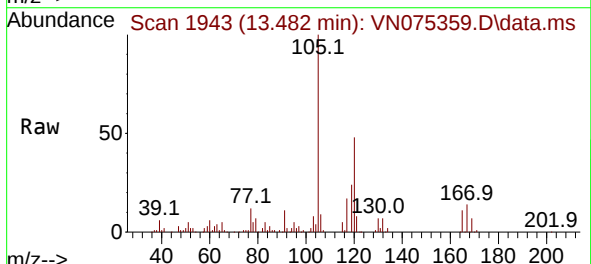
Tgt Ion:119 Resp: 125568
Ion Ratio Lower Upper
119 100
91 64.3 32.8 98.4
134 28.1 12.3 36.9

Manual Integrations
APPROVED

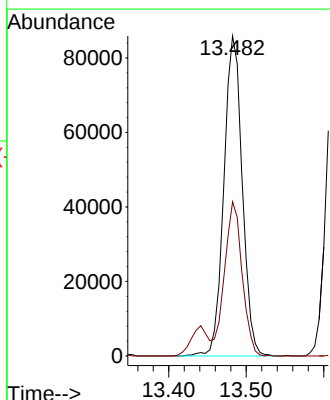
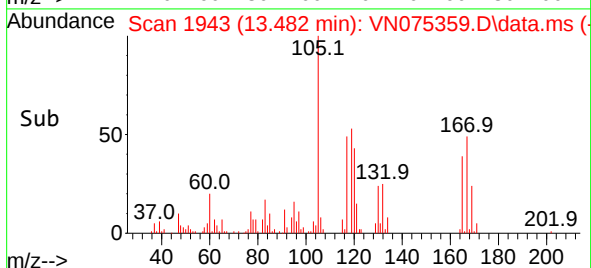
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022

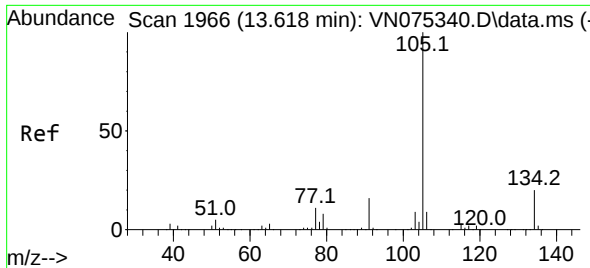


#84
1,2,4-Trimethylbenzene
Concen: 20.269 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43



Tgt Ion:105 Resp: 141502
Ion Ratio Lower Upper
105 100
120 46.6 22.7 68.1





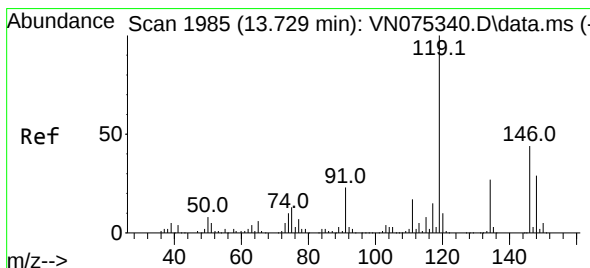
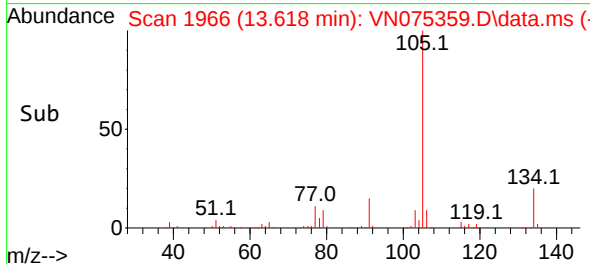
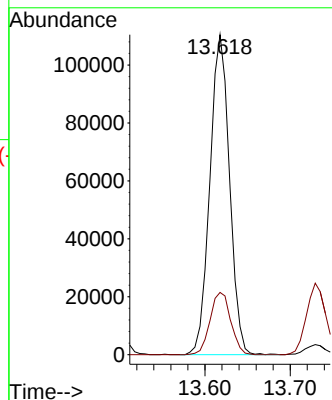
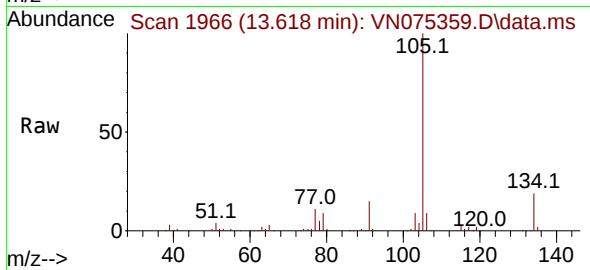
#85
 sec-Butylbenzene
 Concen: 20.544 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075359.D
 Acq: 22 Nov 2022 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Tgt Ion:105 Resp: 176880
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

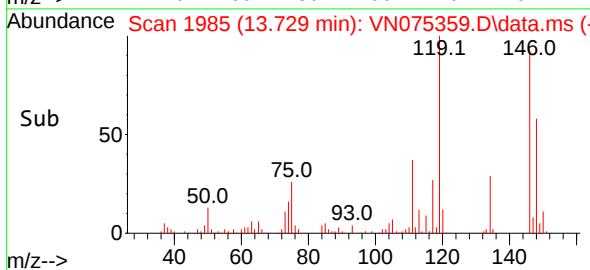
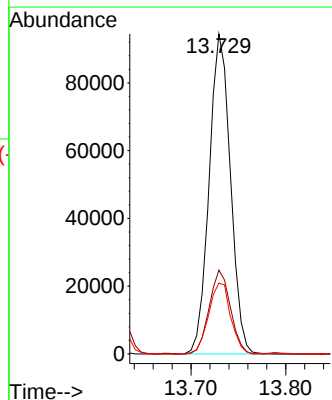
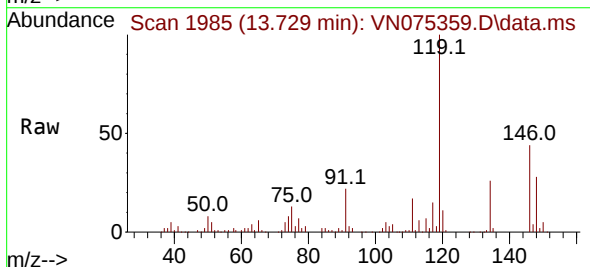
Manual Integrations
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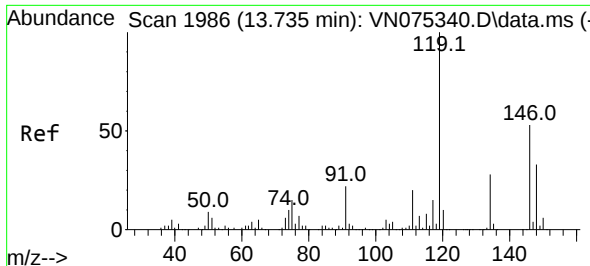
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#86
 p-Isopropyltoluene
 Concen: 20.366 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075359.D
 Acq: 22 Nov 2022 11:43

Tgt Ion:119 Resp: 147537
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 23.0 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.555 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBS01

Tgt Ion:146 Resp: 76624

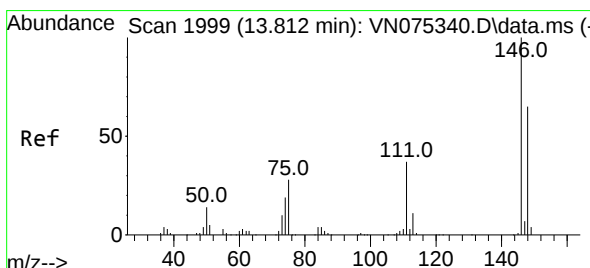
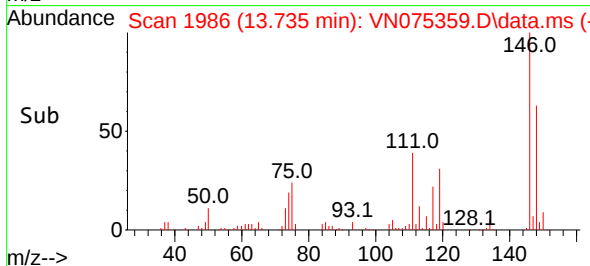
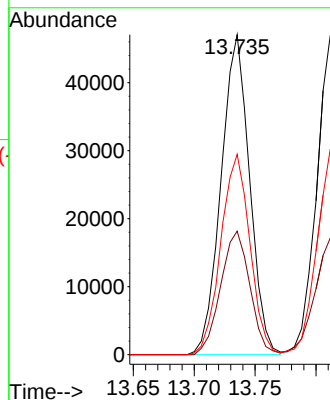
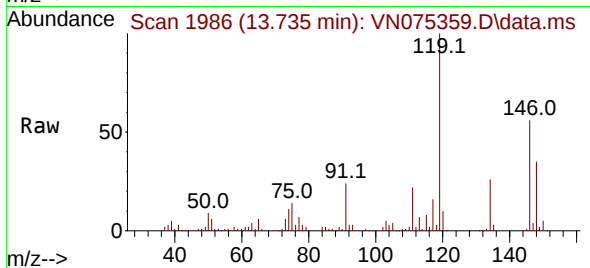
Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.8	62.5
148	64.0	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/25/2022



#88

1,4-Dichlorobenzene

Concen: 19.340 ug/l

RT: 13.812 min Scan# 1999

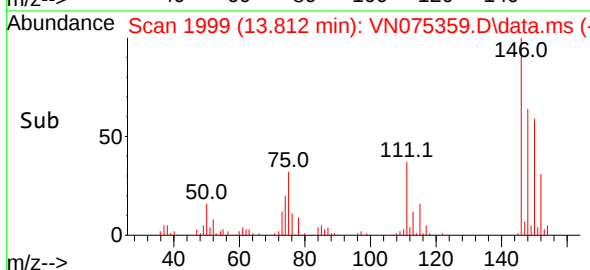
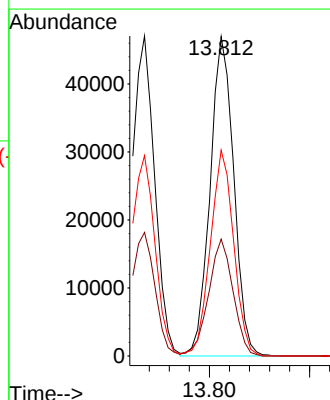
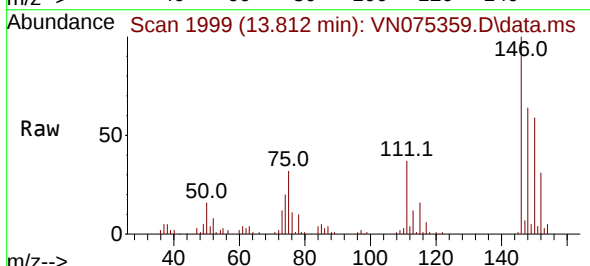
Delta R.T. -0.000 min

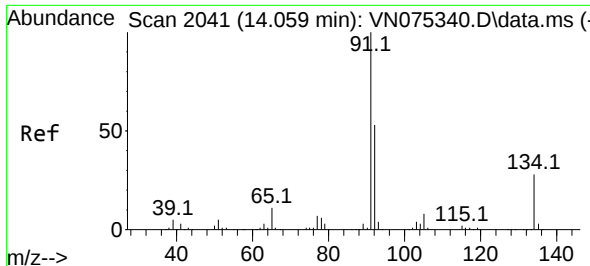
Lab File: VN075359.D

Acq: 22 Nov 2022 11:43

Tgt Ion:146 Resp: 76979

Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.1	60.3
148	63.6	31.9	95.7





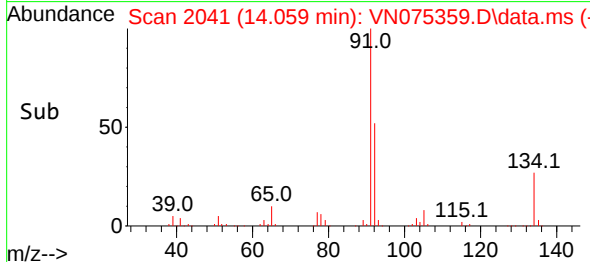
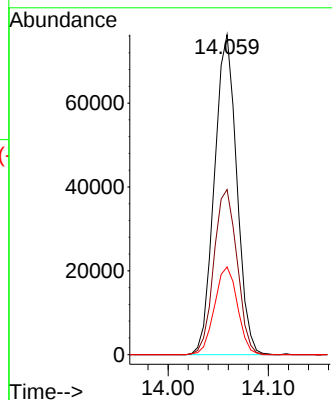
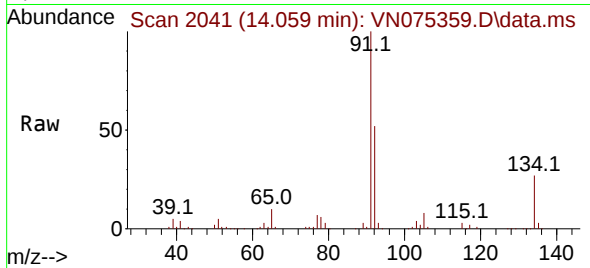
#89
n-Butylbenzene
Concen: 19.266 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion: 91 Resp: 117870
Ion Ratio Lower Upper
91 100
92 53.6 26.5 79.4
134 28.2 13.0 39.0

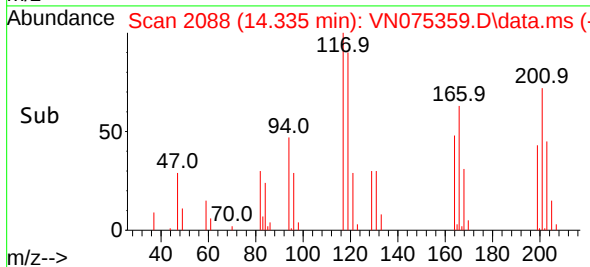
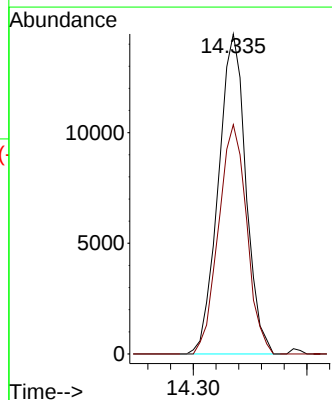
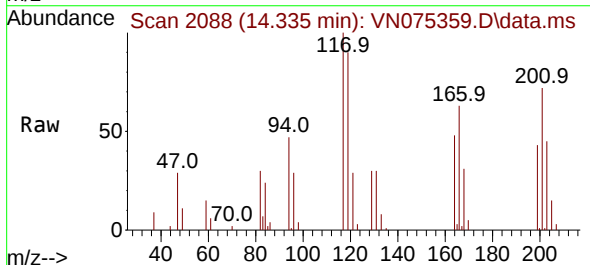
Manual Integrations
APPROVED

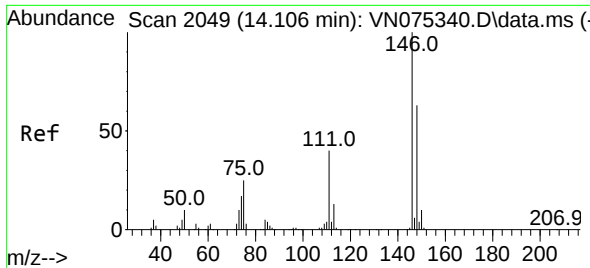
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#90
Hexachloroethane
Concen: 19.489 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion:117 Resp: 24356
Ion Ratio Lower Upper
117 100
201 73.4 31.5 94.5





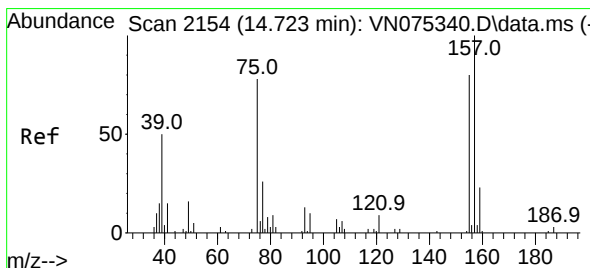
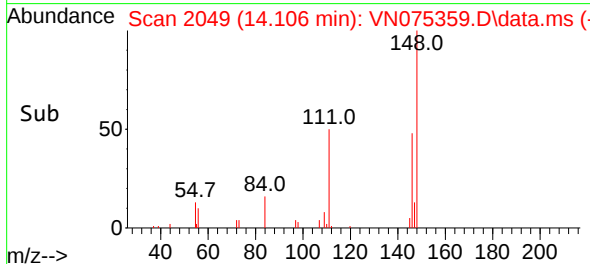
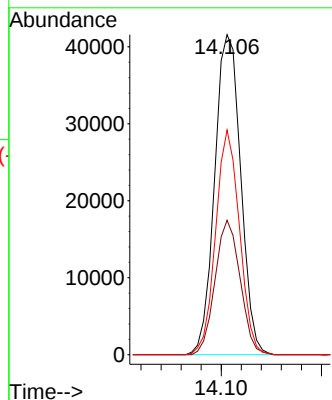
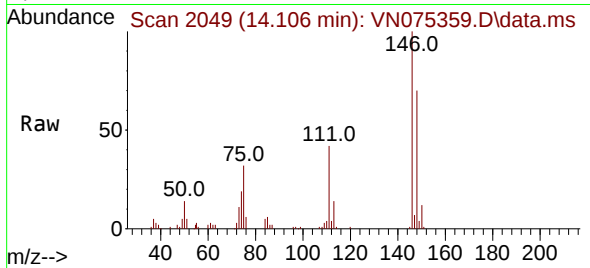
#91
1,2-Dichlorobenzene
Concen: 19.631 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion:146 Resp: 7498
Ion Ratio Lower Upper
146 100
111 40.5 21.3 63.9
148 64.3 31.4 94.2

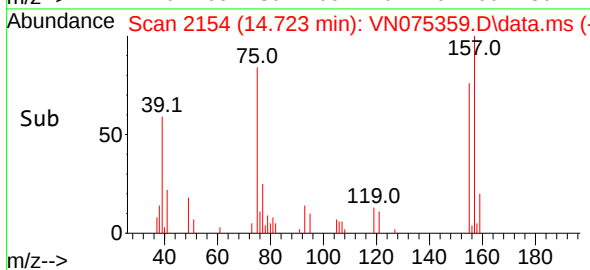
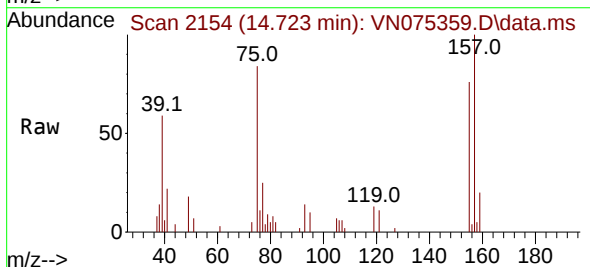
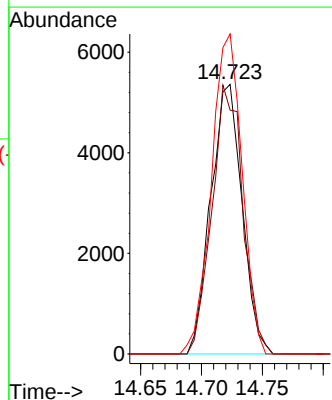
Manual Integrations
APPROVED

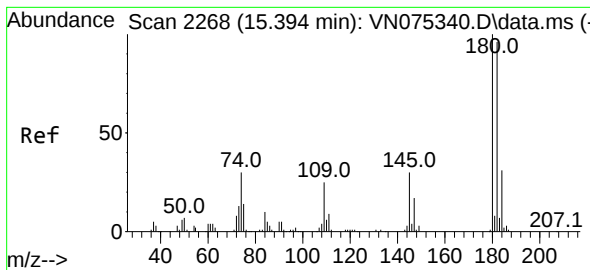
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.802 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion: 75 Resp: 9580
Ion Ratio Lower Upper
75 100
155 98.2 42.1 126.3
157 116.2 51.7 155.1





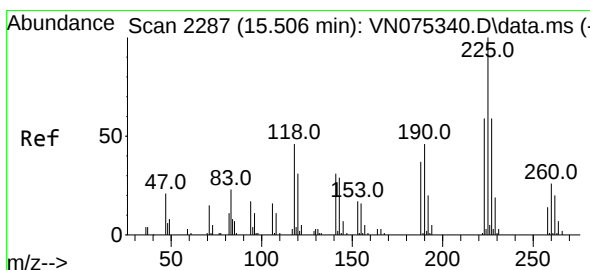
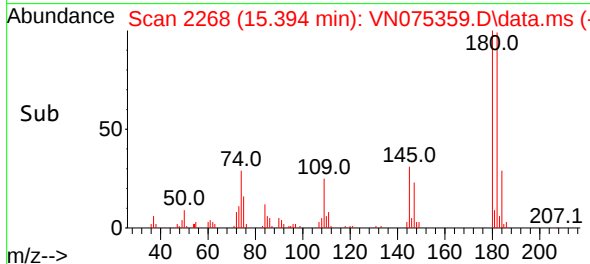
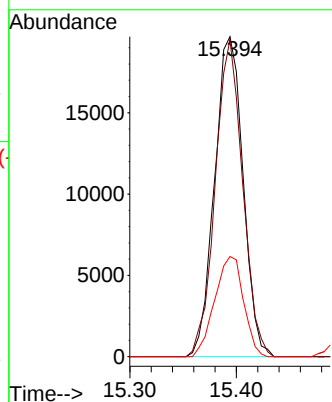
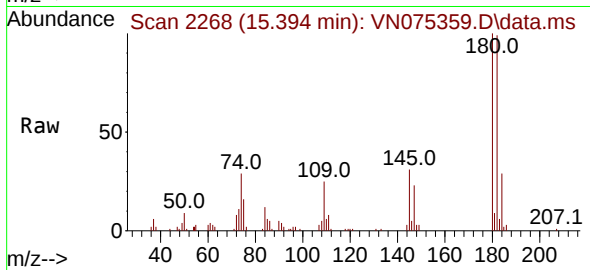
#93
1,2,4-Trichlorobenzene
Concen: 18.644 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01

Tgt Ion:180 Resp: 3649
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.4
145 31.7 16.8 50.3

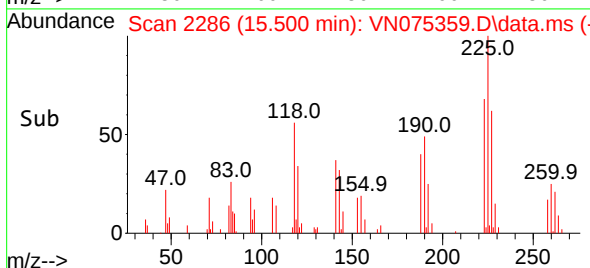
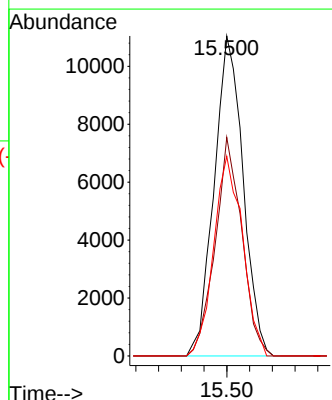
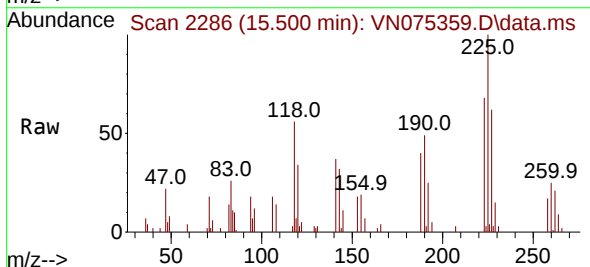
Manual Integrations
APPROVED

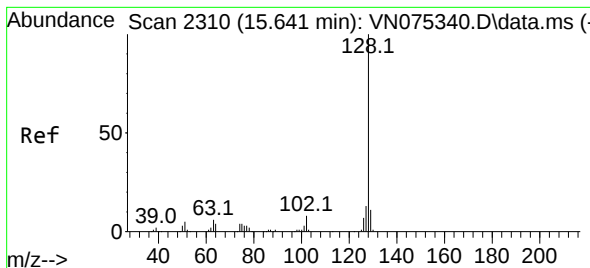
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#94
Hexachlorobutadiene
Concen: 19.137 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

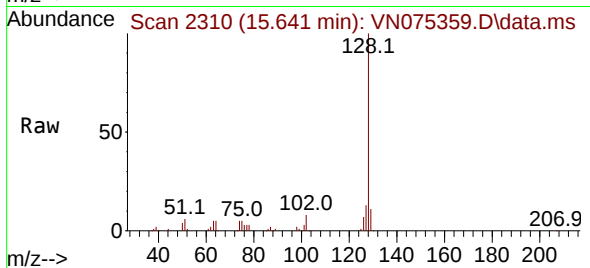
Tgt Ion:225 Resp: 19511
Ion Ratio Lower Upper
225 100
223 63.1 32.3 96.9
227 62.4 32.0 96.2





#95
Naphthalene
Concen: 18.646 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

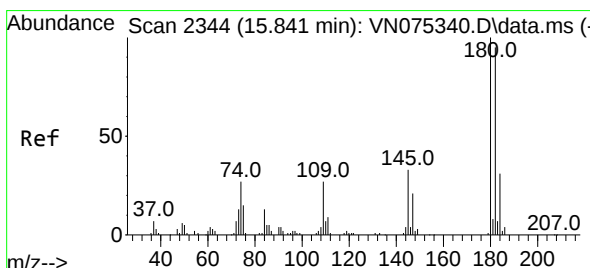
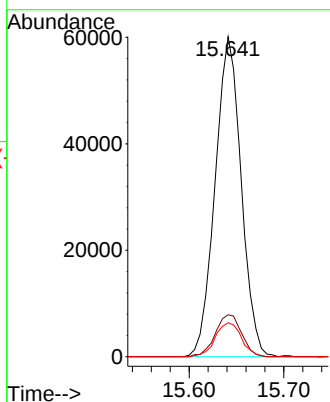
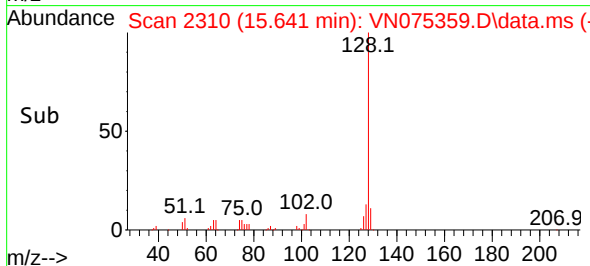
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBS01



Tgt Ion:128 Resp: 11482
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.188 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075359.D
Acq: 22 Nov 2022 11:43

Tgt Ion:180 Resp: 34989
Ion Ratio Lower Upper
180 100
182 93.0 47.3 141.8
145 34.7 17.6 52.9

