

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075312.D
 Acq On : 18 Nov 2022 15:06
 Operator : JC\MD
 Sample : VN1118WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2022
 Supervised By : Mahesh Dadoda 11/21/2022

Quant Time: Nov 19 05:06:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	119689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	204580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	187115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	67542	41.882	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.760%		
35) Dibromofluoromethane	8.171	113	61418	51.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.280%		
50) Toluene-d8	10.571	98	212929	45.698	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.400%		
62) 4-Bromofluorobenzene	12.847	95	80030	48.894	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	26126	16.780	ug/l	99
3) Chloromethane	2.371	50	26763	16.182	ug/l	100
4) Vinyl Chloride	2.524	62	33712	14.289	ug/l	95
5) Bromomethane	2.936	94	28345	13.207	ug/l	90
6) Chloroethane	3.118	64	25594	15.128	ug/l	94
7) Trichlorofluoromethane	3.506	101	48153	19.979	ug/l	95
8) Diethyl Ether	3.977	74	17691	20.124	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	27953	21.001	ug/l	95
10) Methyl Iodide	4.600	142	41164	20.774	ug/l	93
11) Tert butyl alcohol	5.530	59	30901	82.166	ug/l	100
12) 1,1-Dichloroethene	4.347	96	25601	20.178	ug/l	95
13) Acrolein	4.189	56	34275	111.423	ug/l	97
14) Allyl chloride	5.036	41	30936	16.695	ug/l	97
15) Acrylonitrile	5.736	53	76290	96.030	ug/l	100
16) Acetone	4.442	43	64364	94.259	ug/l	100
17) Carbon Disulfide	4.724	76	58338	18.285	ug/l	100
18) Methyl Acetate	5.042	43	44511	19.956	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	93739	19.879	ug/l	94
20) Methylene Chloride	5.283	84	31587	20.747	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	28598	20.587	ug/l	86
22) Diisopropyl ether	6.683	45	78700	19.246	ug/l #	97
23) Vinyl Acetate	6.612	43	277373	81.228	ug/l	97
24) 1,1-Dichloroethane	6.577	63	50385	19.482	ug/l	99
25) 2-Butanone	7.488	43	99050	92.221	ug/l	99
26) 2,2-Dichloropropane	7.500	77	43591	18.321	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	33797	20.373	ug/l	95
28) Bromochloromethane	7.818	49	19098	17.517	ug/l	94
29) Tetrahydrofuran	7.841	42	62964	90.721	ug/l	99
30) Chloroform	7.971	83	55009	19.590	ug/l	95
31) Cyclohexane	8.259	56	44065	18.372	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	49683	19.484	ug/l	97
36) 1,1-Dichloropropene	8.377	75	39439	21.211	ug/l	99
37) Ethyl Acetate	7.565	43	38346	18.805	ug/l	98
38) Carbon Tetrachloride	8.365	117	42792	20.922	ug/l	98
39) Methylcyclohexane	9.606	83	50264	20.477	ug/l	93
40) Benzene	8.612	78	121048	21.262	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	20434	20.917	ug/l	97
42) 1,2-Dichloroethane	8.677	62	42156	20.353	ug/l	97
43) Isopropyl Acetate	8.694	43	61812	19.543	ug/l	99
44) Trichloroethene	9.353	130	32067	22.451	ug/l	97
45) 1,2-Dichloropropane	9.624	63	29277	21.609	ug/l	96
46) Dibromomethane	9.712	93	22583	21.395	ug/l	94
47) Bromodichloromethane	9.888	83	44167	21.607	ug/l	92
48) Methyl methacrylate	9.682	41	27769	19.139	ug/l	96
49) 1,4-Dioxane	9.700	88	15825	416.525	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	198059	97.038	ug/l	98
52) Toluene	10.629	92	82157	21.588	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	45007	20.860	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	47553	20.780	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	33014	21.879	ug/l	96
56) Ethyl methacrylate	10.871	69	46223	20.082	ug/l	97
57) 1,3-Dichloropropane	11.165	76	53514	21.295	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	67372	75.712	ug/l	99
59) 2-Hexanone	11.194	43	146016	94.260	ug/l	99
60) Dibromochloromethane	11.359	129	34607	21.738	ug/l	99
61) 1,2-Dibromoethane	11.471	107	32660	21.120	ug/l	99
64) Tetrachloroethene	11.106	164	30374	26.477	ug/l	91
65) Chlorobenzene	11.894	112	87417	21.887	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	32517	21.947	ug/l	99
67) Ethyl Benzene	11.965	91	150727	20.976	ug/l	95
68) m/p-Xylenes	12.070	106	122177	42.374	ug/l	100
69) o-Xylene	12.400	106	60077	21.069	ug/l	98
70) Styrene	12.412	104	98124	21.582	ug/l	98
71) Bromoform	12.576	173	23877	21.525	ug/l #	100
73) Isopropylbenzene	12.694	105	154170	20.261	ug/l	99
74) N-amyl acetate	12.494	43	50069	17.791	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	49722	20.393	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	41614m	20.678	ug/l	
77) Bromobenzene	12.982	156	36271	21.648	ug/l	90
78) n-propylbenzene	13.035	91	176344	20.642	ug/l	100
79) 2-Chlorotoluene	13.123	91	106556	20.411	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	133980	20.963	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	15074	19.227	ug/l	89
82) 4-Chlorotoluene	13.123	91	106556	20.411	ug/l	100
83) tert-Butylbenzene	13.441	119	118079	20.792	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	132718	20.524	ug/l	98
85) sec-Butylbenzene	13.617	105	165253	20.801	ug/l	100
86) p-Isopropyltoluene	13.729	119	136463	20.799	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	71588	21.822	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	71847	22.130	ug/l	99
89) n-Butylbenzene	14.059	91	112660	21.323	ug/l	99
90) Hexachloroethane	14.335	117	22107	18.377	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	72112	22.111	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9586	18.676	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	36032	25.675	ug/l	97
94) Hexachlorobutadiene	15.506	225	17675	25.835	ug/l	99
95) Naphthalene	15.641	128	115121	21.331	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	34330	24.620	ug/l	99

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

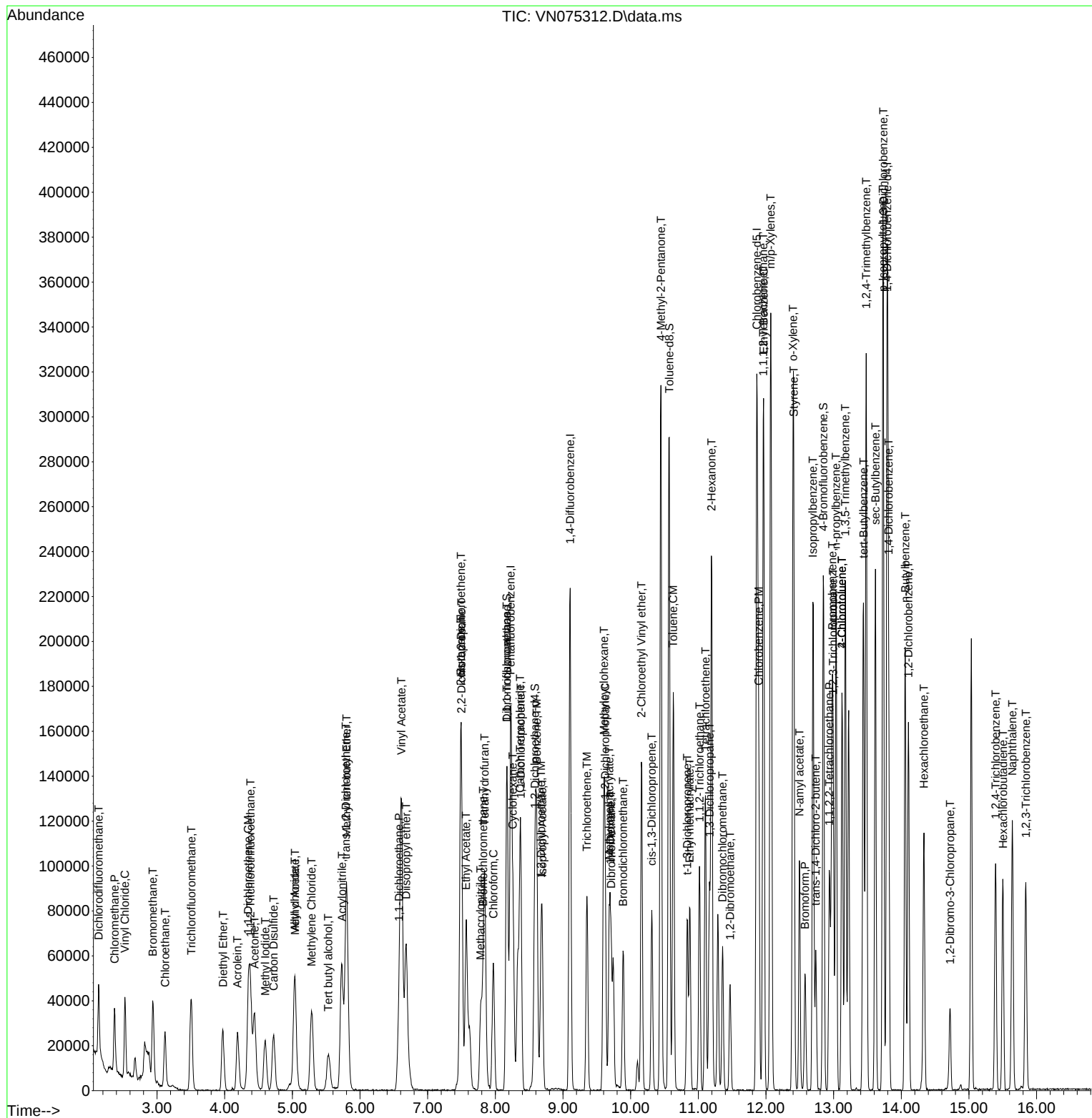
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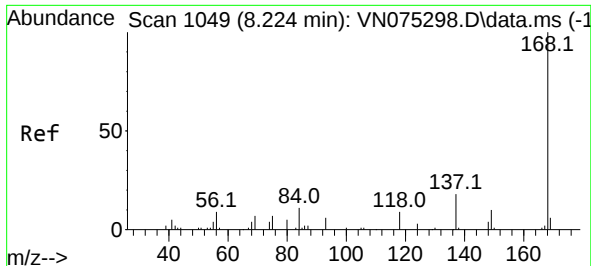
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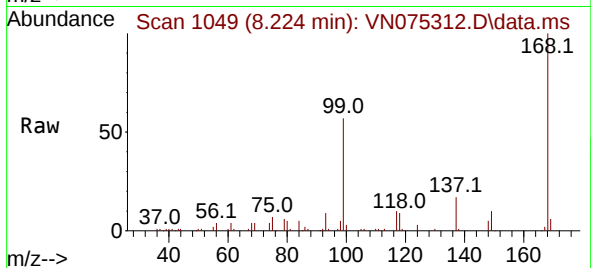
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
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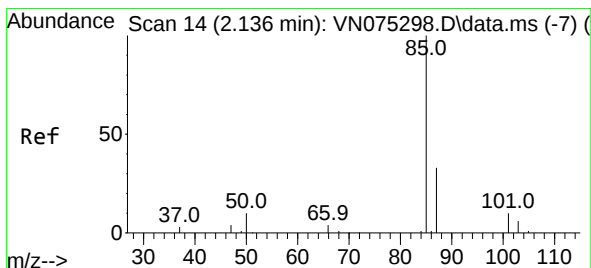
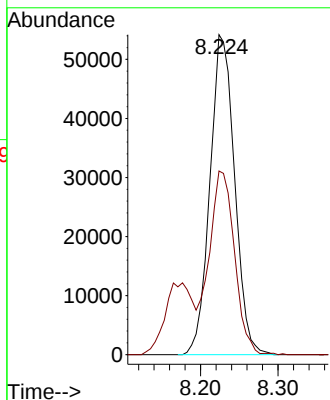
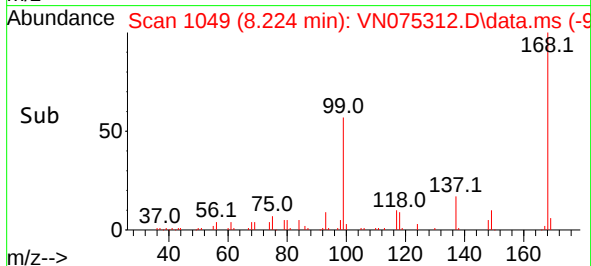
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 119689
Ion Ratio Lower Upper
168 100
99 57.4 51.6 77.4

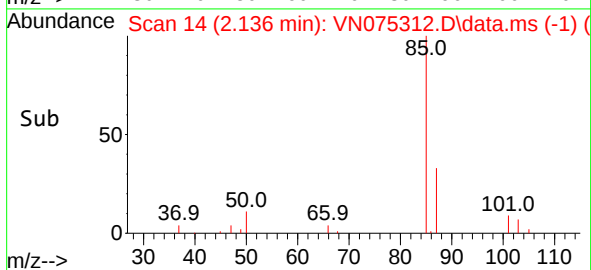
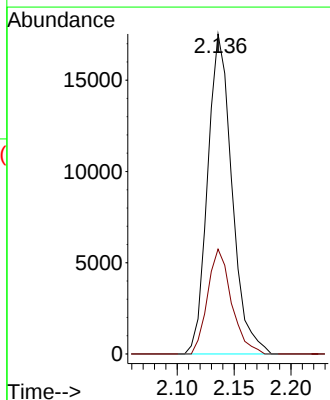
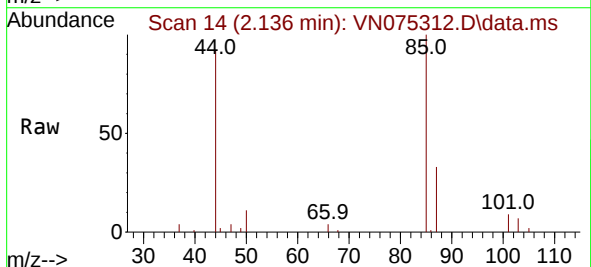
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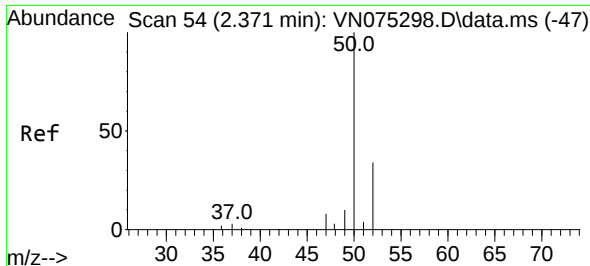
Reviewed By :John Carlone 11/21/2022
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#2
Dichlorodifluoromethane
Concen: 16.780 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 85 Resp: 26126
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0





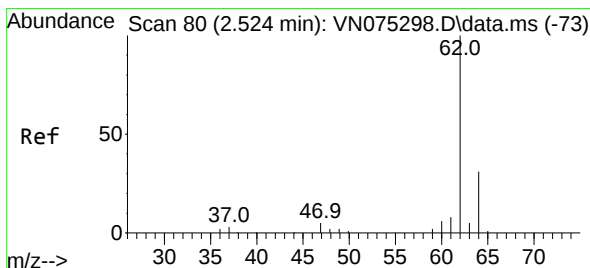
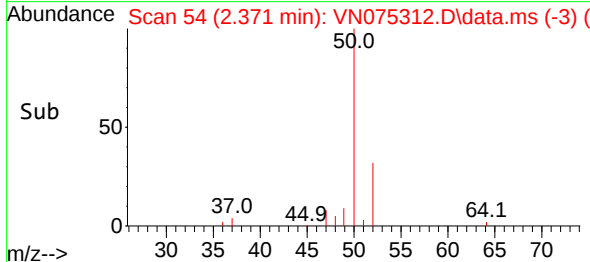
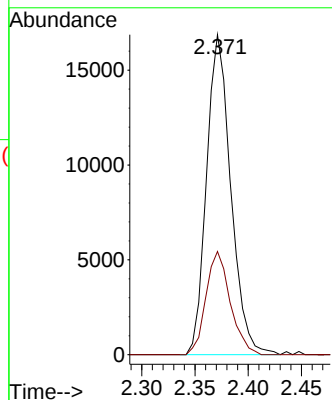
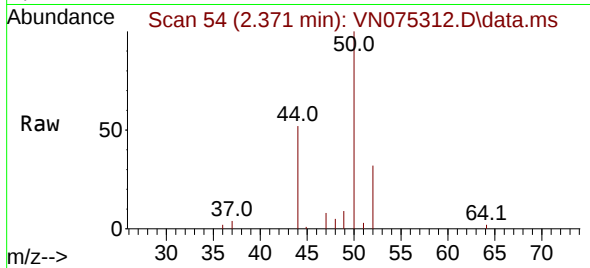
#3
Chloromethane
Concen: 16.182 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

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Tgt Ion: 50 Resp: 2676
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.6

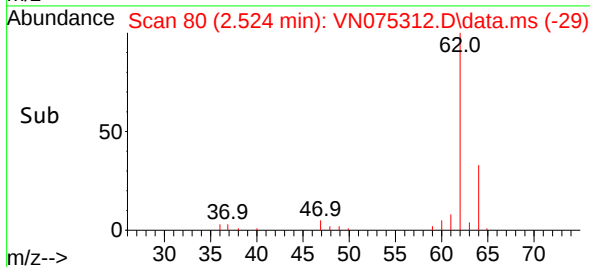
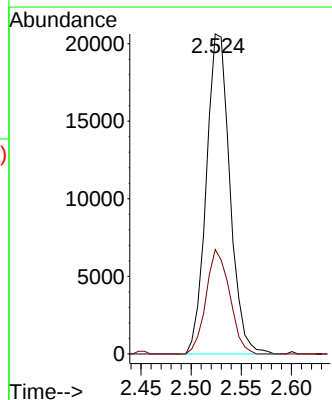
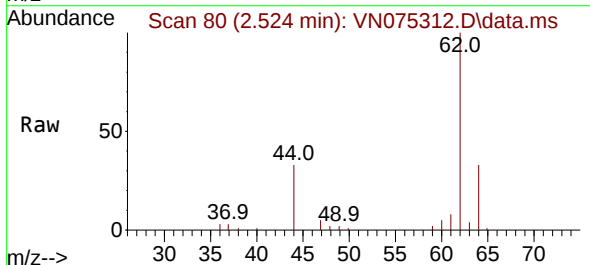
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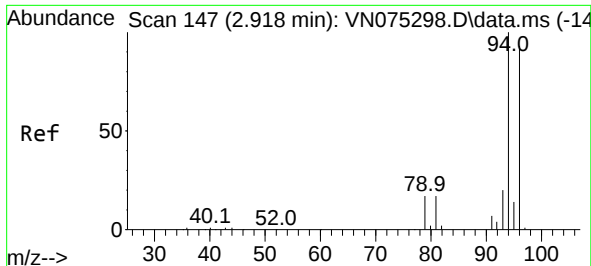
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#4
Vinyl Chloride
Concen: 14.289 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 62 Resp: 33712
Ion Ratio Lower Upper
62 100
64 32.6 24.0 36.0





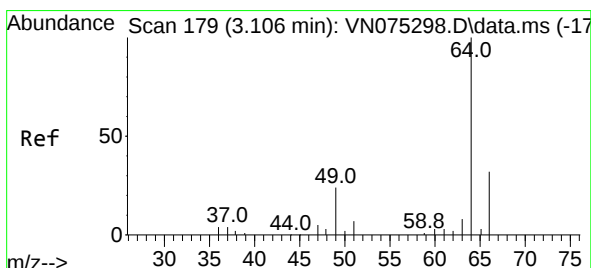
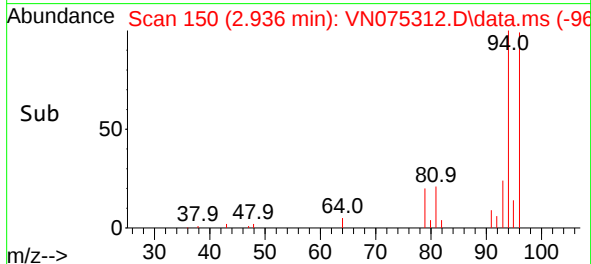
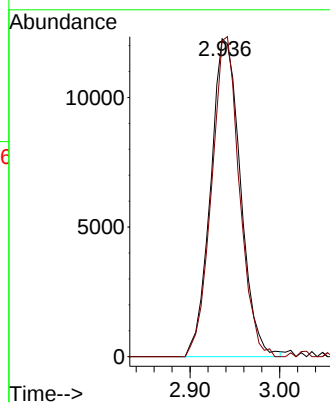
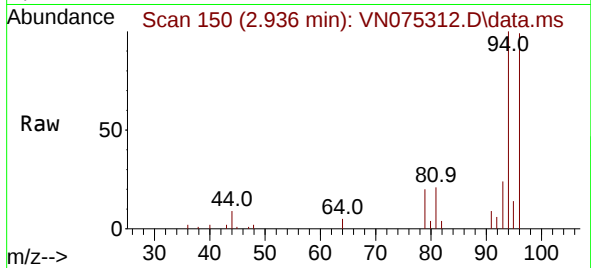
#5
Bromomethane
Concen: 13.207 ug/l
RT: 2.936 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075312.D
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Tgt Ion: 94 Resp: 2834
Ion Ratio Lower Upper
94 100
96 99.4 71.8 107.6

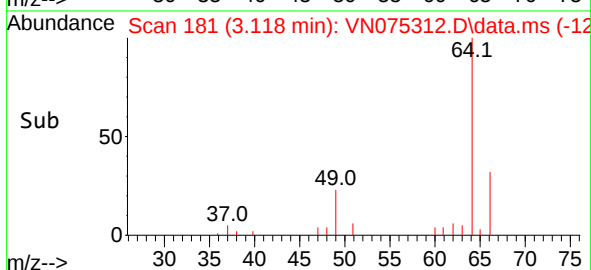
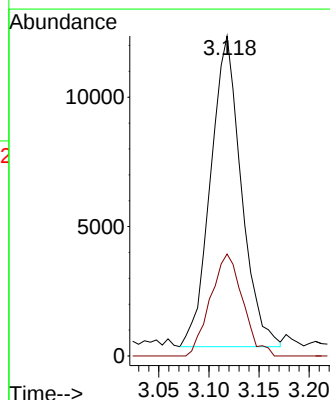
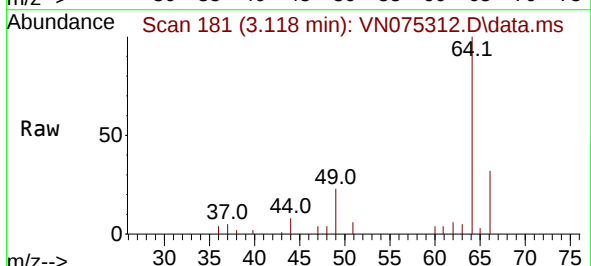
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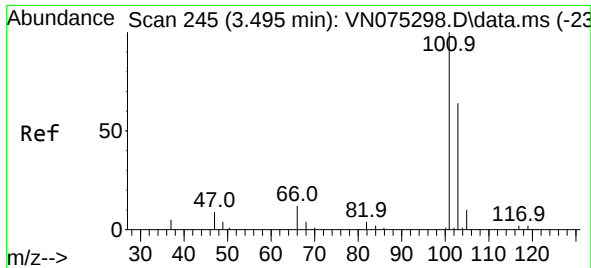
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#6
Chloroethane
Concen: 15.128 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.023 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 64 Resp: 25594
Ion Ratio Lower Upper
64 100
66 32.8 23.8 35.8





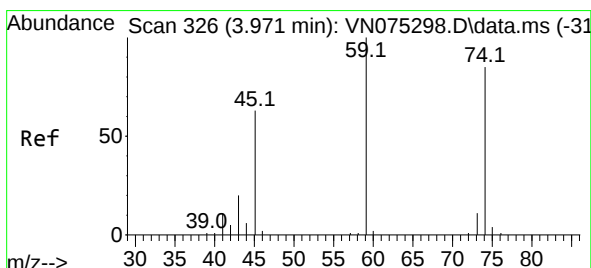
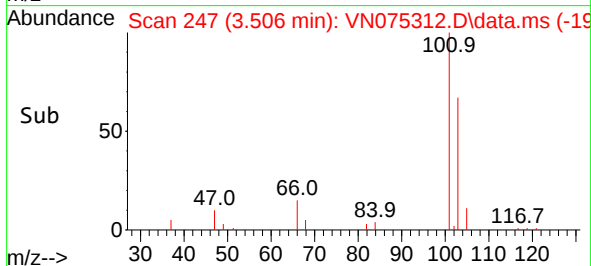
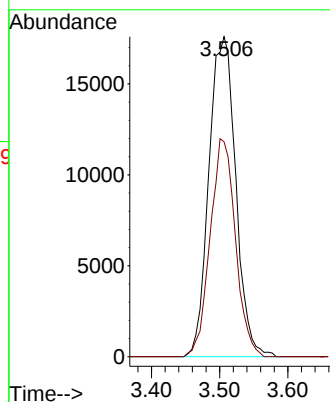
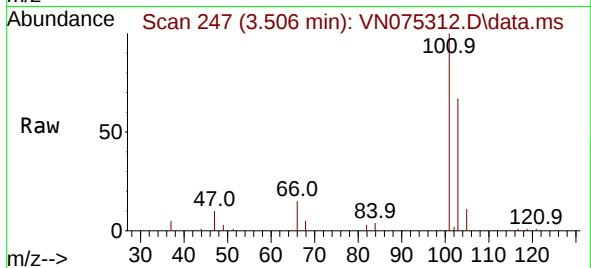
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 Trichlorofluoromethane
 Concen: 19.979 ug/l
 RT: 3.506 min Scan# 245
 Delta R.T. 0.017 min
 Lab File: VN075312.D
 Acq: 18 Nov 2022 15:06

Instrument :
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Tgt Ion:101 Resp: 4815
 Ion Ratio Lower Upper
 101 100
 103 67.1 50.5 75.7

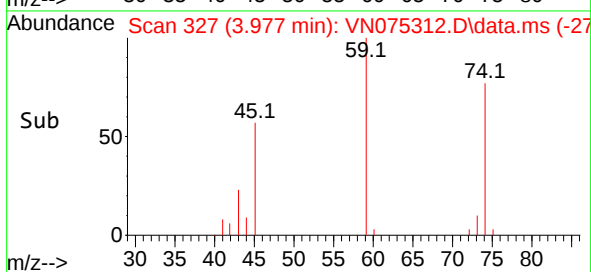
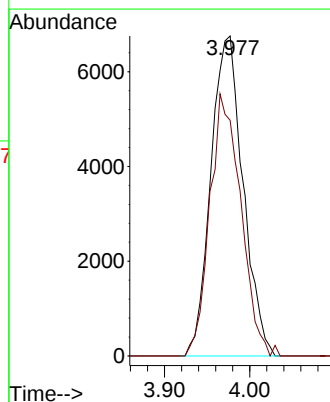
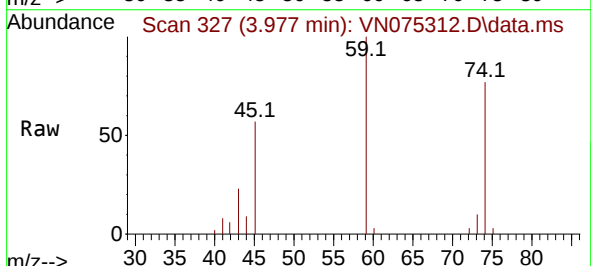
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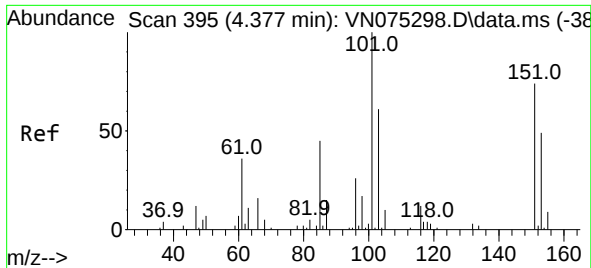
Reviewed By :John Carlone 11/21/2022
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#8
 Diethyl Ether
 Concen: 20.124 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075312.D
 Acq: 18 Nov 2022 15:06

Tgt Ion: 74 Resp: 17691
 Ion Ratio Lower Upper
 74 100
 45 79.2 39.3 117.9





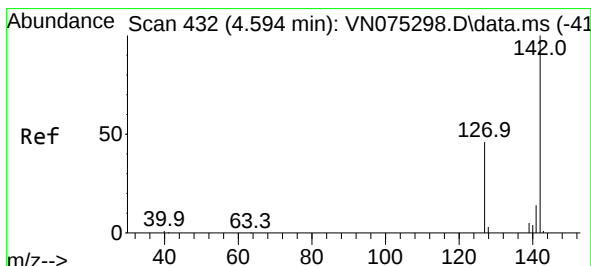
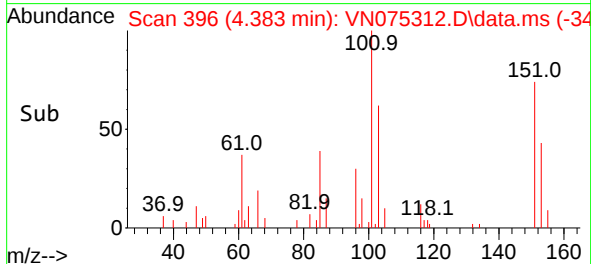
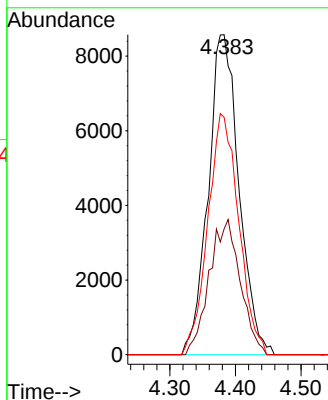
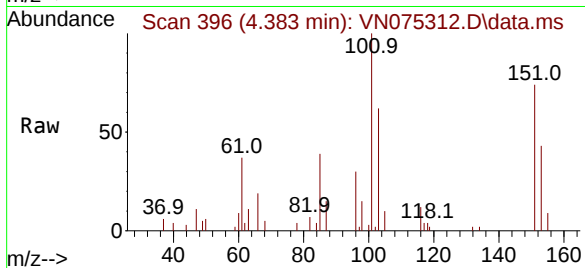
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.001 ug/l
RT: 4.383 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion:101 Resp: 2795
Ion Ratio Lower Upper
101 100
85 42.6 37.6 56.4
151 75.6 58.3 87.5

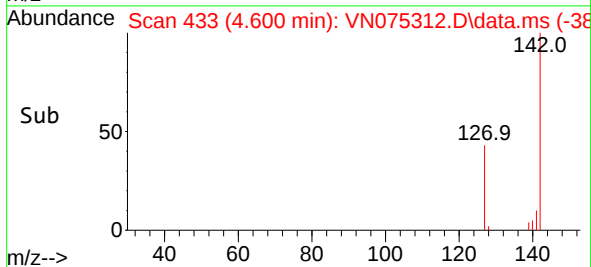
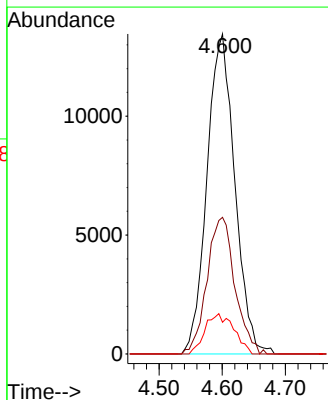
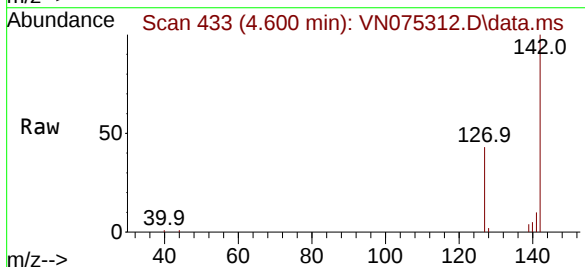
Manual Integrations
APPROVED

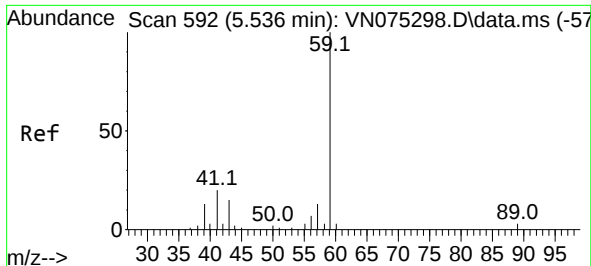
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#10
Methyl Iodide
Concen: 20.774 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion:142 Resp: 41164
Ion Ratio Lower Upper
142 100
127 42.8 38.0 57.0
141 13.1 12.2 18.4





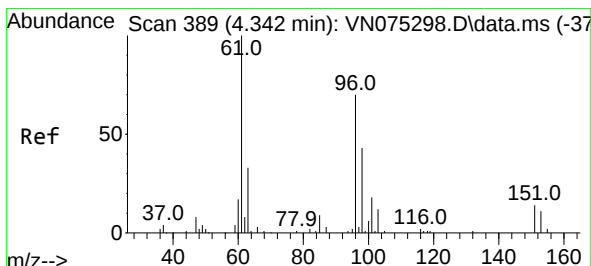
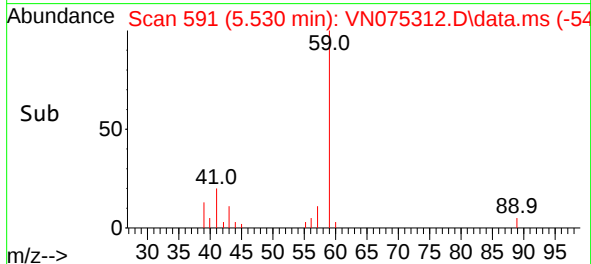
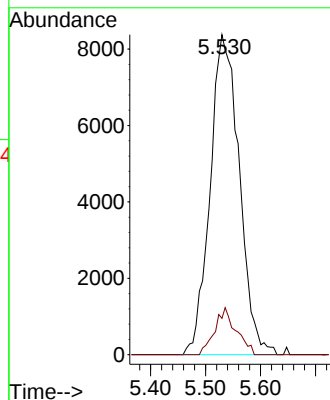
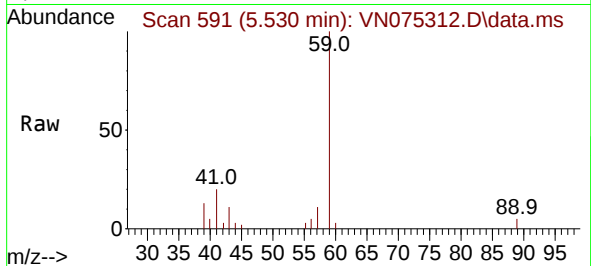
#11
Tert butyl alcohol
Concen: 82.166 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 59 Resp: 3090
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

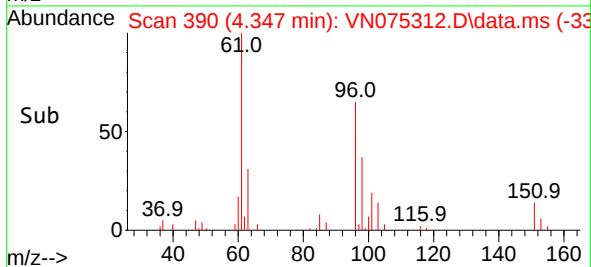
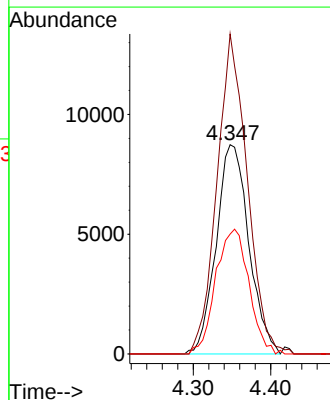
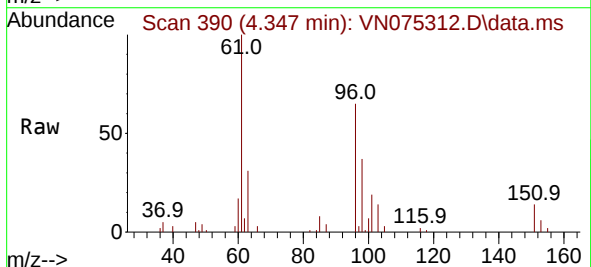
Manual Integrations
APPROVED

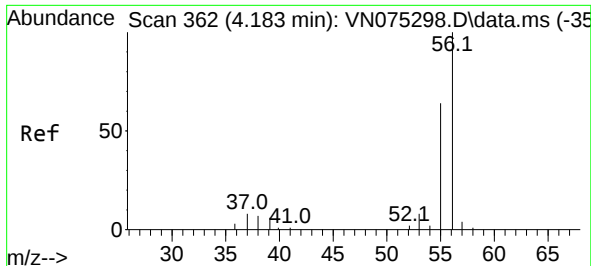
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#12
1,1-Dichloroethene
Concen: 20.178 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

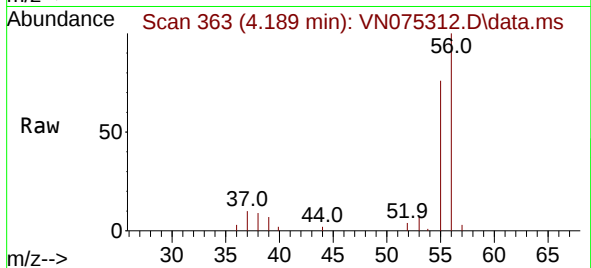
Tgt Ion: 96 Resp: 25601
Ion Ratio Lower Upper
96 100
61 152.9 126.2 189.4
98 57.3 51.5 77.3





#13
Acrolein
Concen: 111.423 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

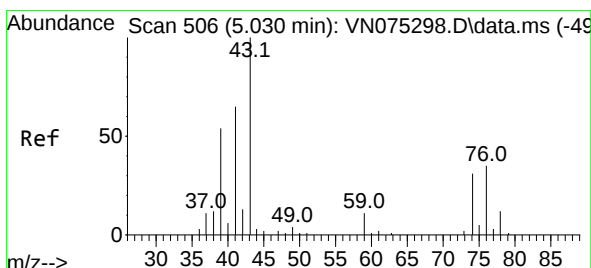
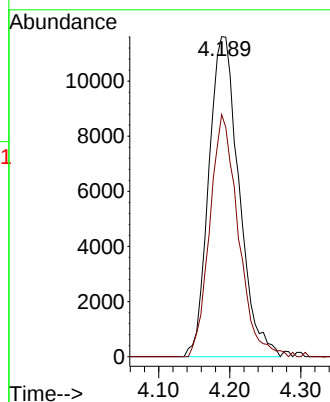
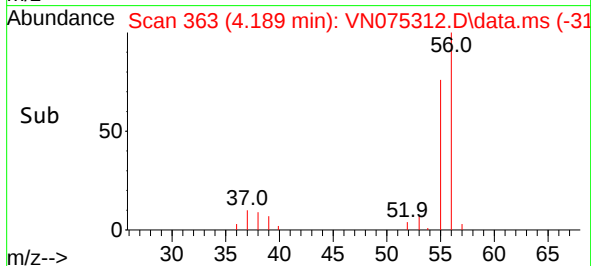
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



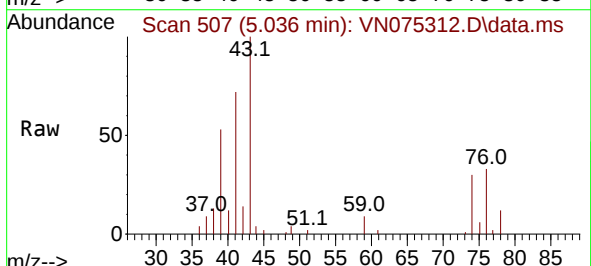
Tgt Ion: 56 Resp: 3427
Ion Ratio Lower Upper
56 100
55 71.5 55.2 82.8

Manual Integrations
APPROVED

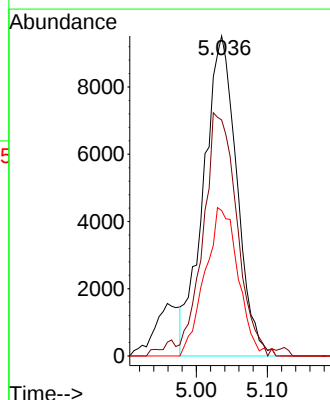
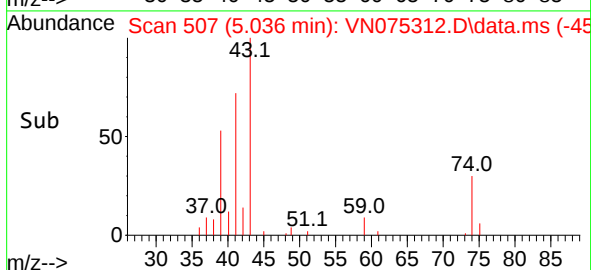
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

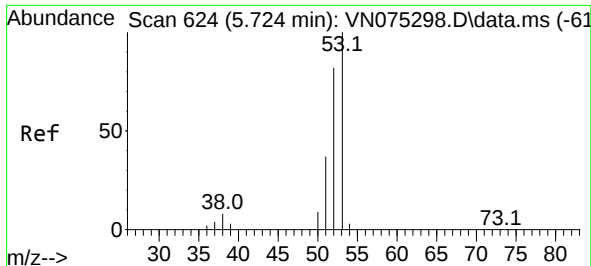


#14
Allyl chloride
Concen: 16.695 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06



Tgt Ion: 41 Resp: 30936
Ion Ratio Lower Upper
41 100
39 76.7 61.0 91.4
76 46.6 33.4 50.0





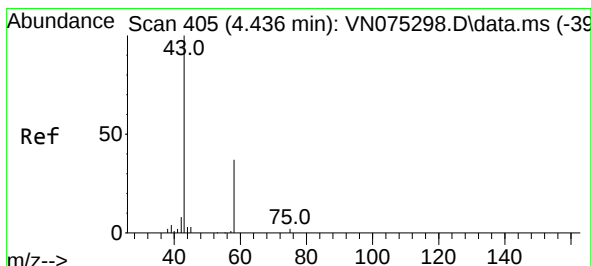
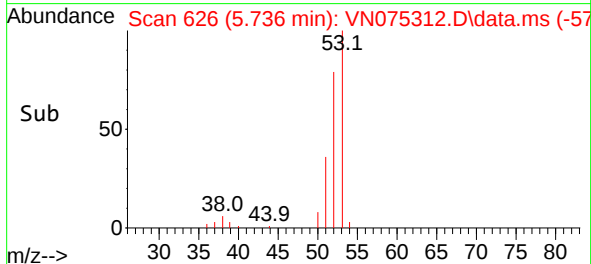
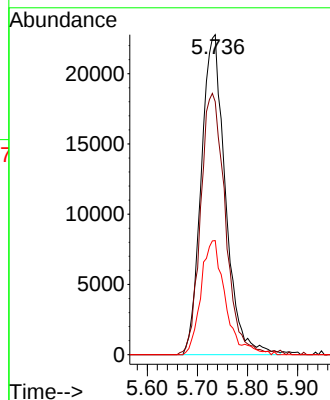
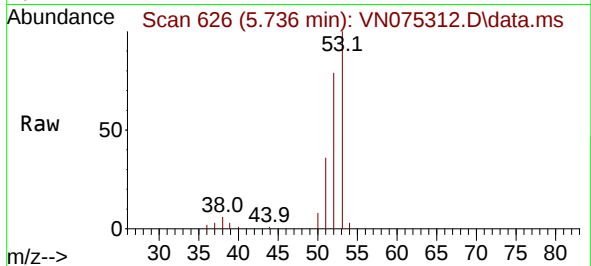
#15
Acrylonitrile
Concen: 96.030 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 53 Resp: 76290
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 36.2 29.6 44.4

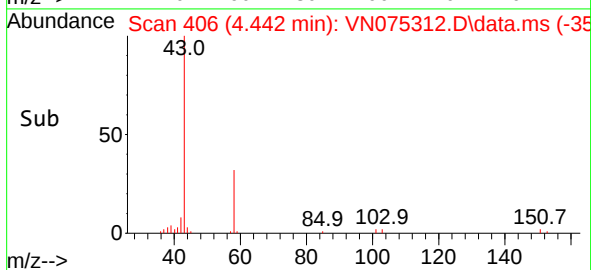
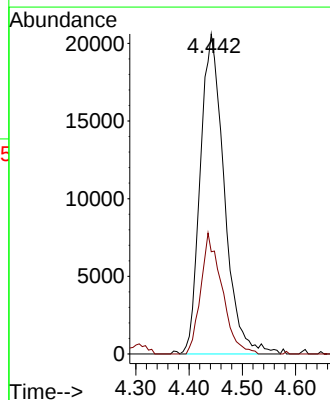
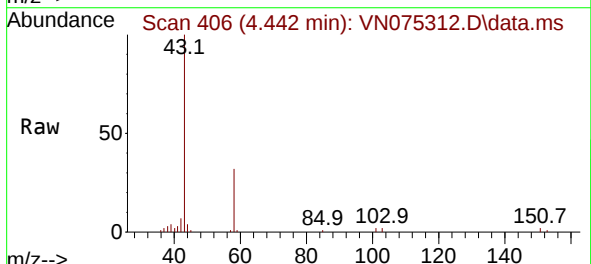
Manual Integrations
APPROVED

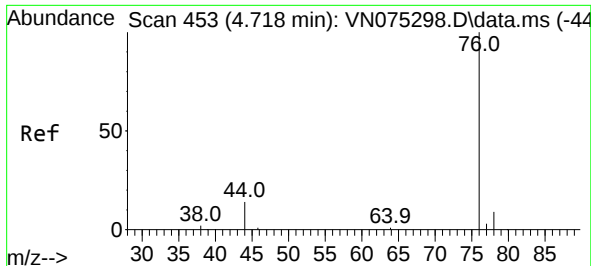
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#16
Acetone
Concen: 94.259 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 43 Resp: 64364
Ion Ratio Lower Upper
43 100
58 32.0 25.5 38.3





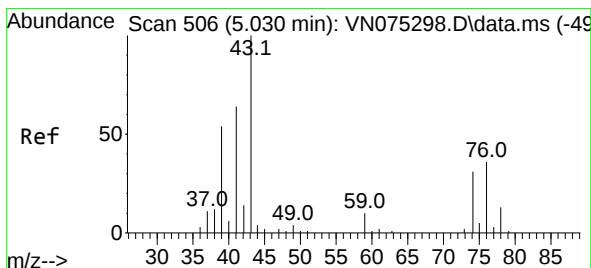
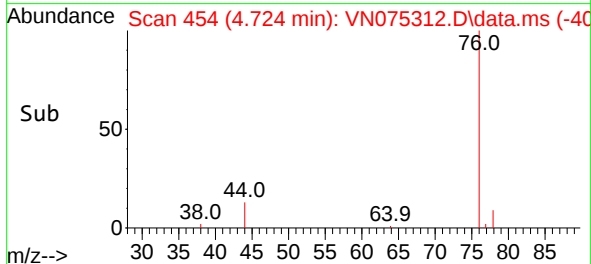
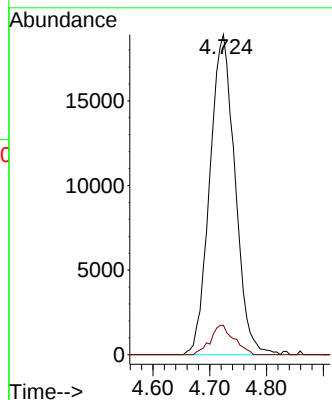
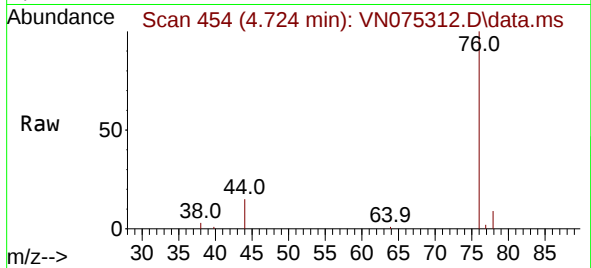
#17
Carbon Disulfide
Concen: 18.285 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 76 Resp: 58338
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

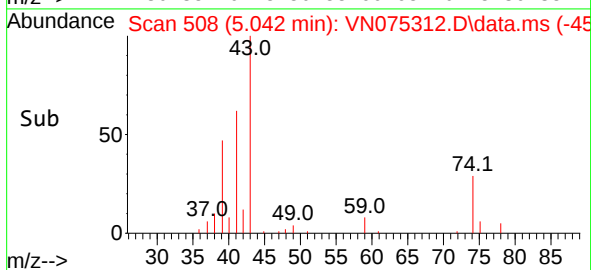
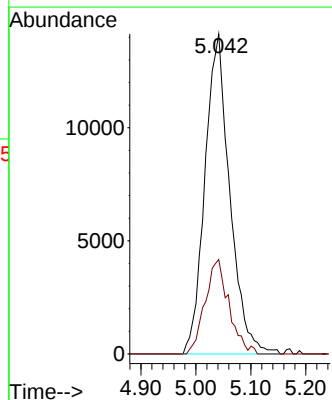
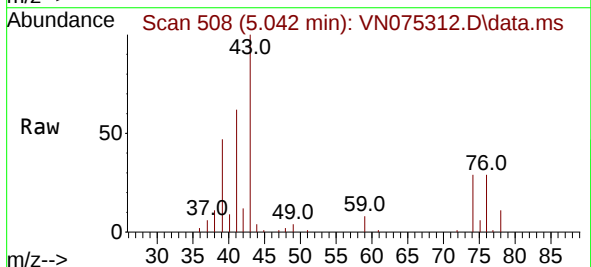
Manual Integrations
APPROVED

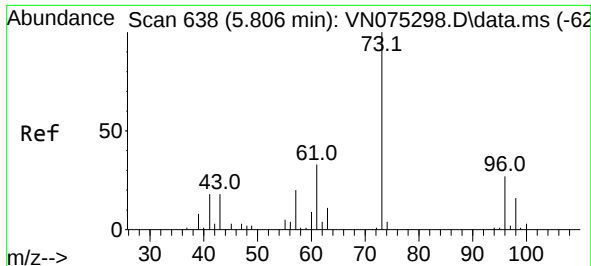
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#18
Methyl Acetate
Concen: 19.956 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 43 Resp: 44511
Ion Ratio Lower Upper
43 100
74 28.3 22.0 33.0





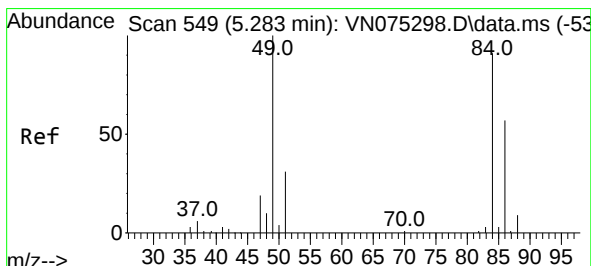
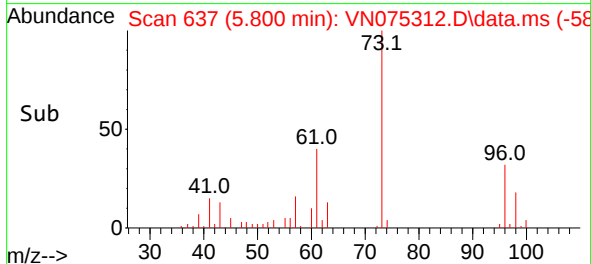
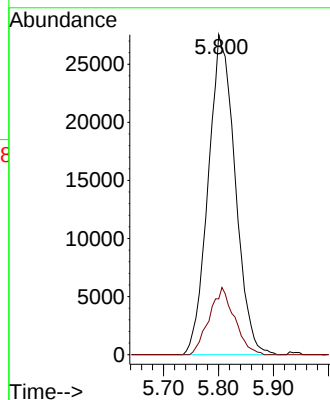
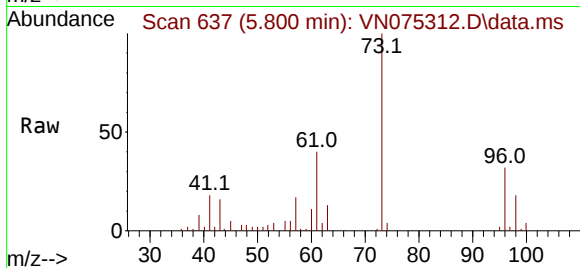
#19
Methyl tert-butyl Ether
Concen: 19.879 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 73 Resp: 93739
Ion Ratio Lower Upper
73 100
57 17.4 16.3 24.5

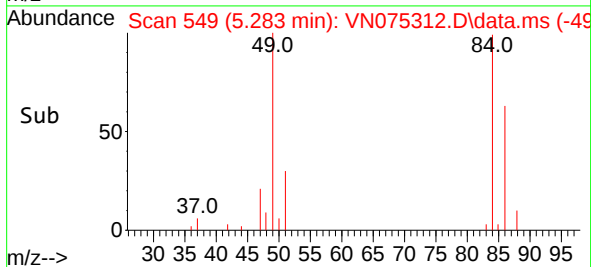
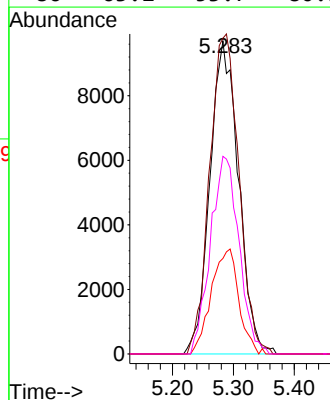
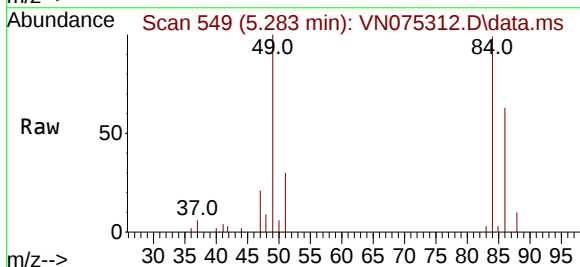
Manual Integrations
APPROVED

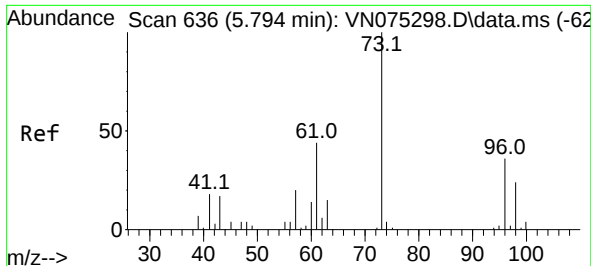
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#20
Methylene Chloride
Concen: 20.747 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 84 Resp: 31587
Ion Ratio Lower Upper
84 100
49 100.9 94.9 142.3
51 30.5 26.8 40.2
86 63.2 53.7 80.5





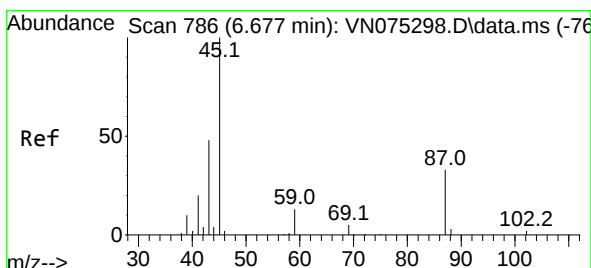
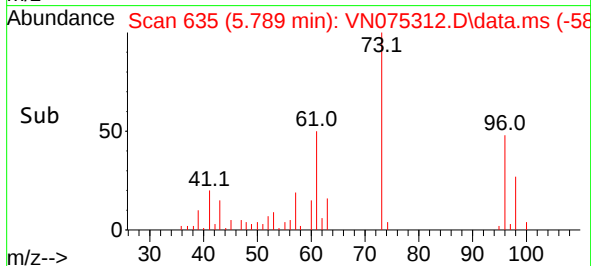
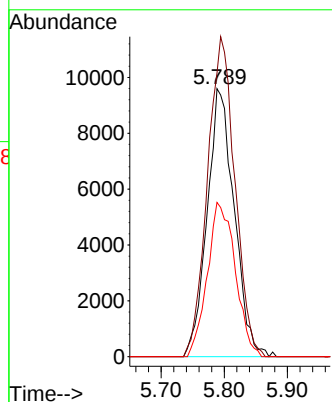
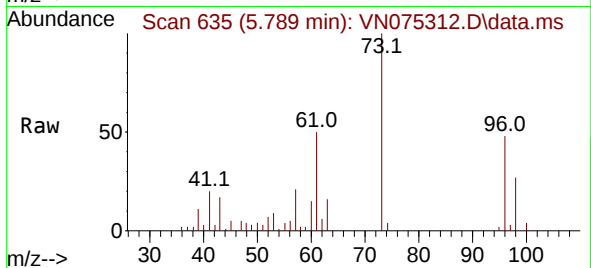
#21
trans-1,2-Dichloroethene
Concen: 20.587 ug/l
RT: 5.789 min Scan# 611
Delta R.T. -0.011 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 96 Resp: 28598
Ion Ratio Lower Upper
96 100
61 105.8 99.9 149.9
98 57.6 51.5 77.3

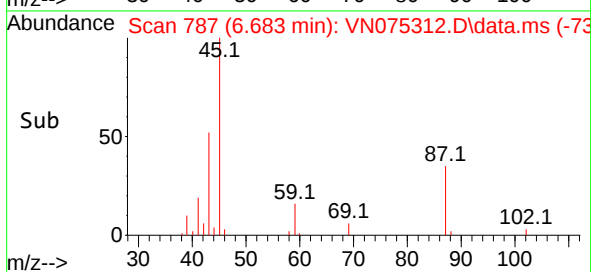
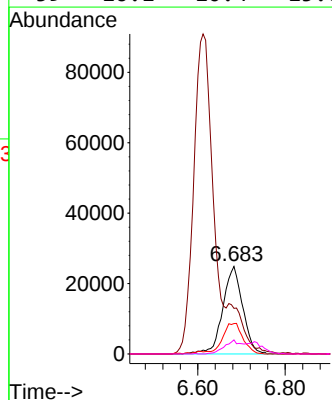
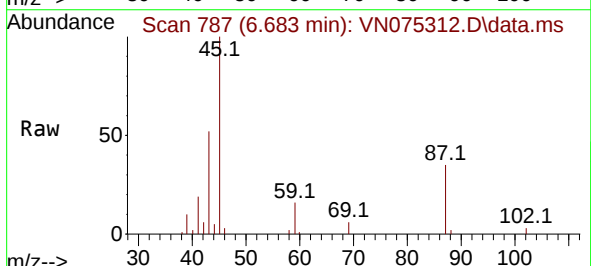
Manual Integrations
APPROVED

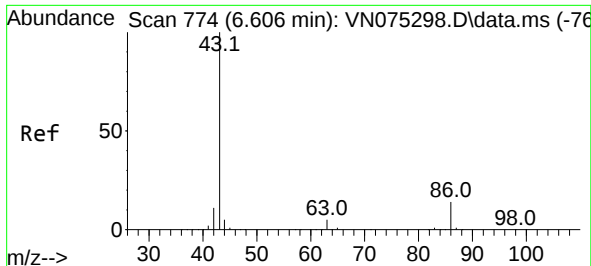
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#22
Diisopropyl ether
Concen: 19.246 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 45 Resp: 78700
Ion Ratio Lower Upper
45 100
43 51.1 42.8 64.2
87 34.7 28.4 42.6
59 16.1 10.4 15.6#





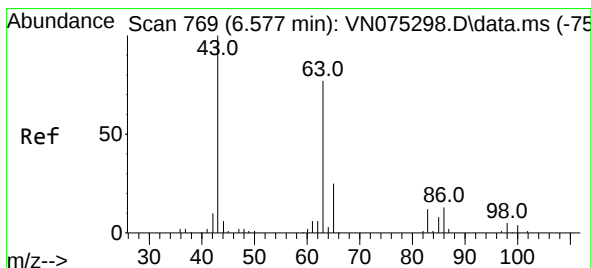
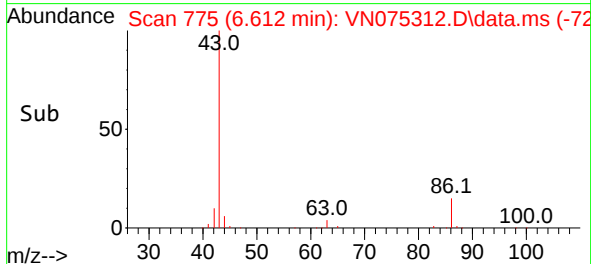
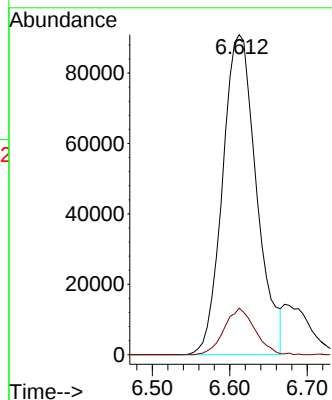
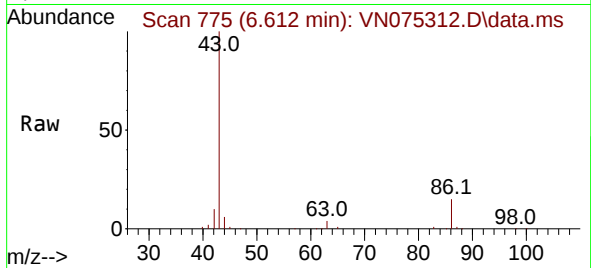
#23
 Vinyl Acetate
 Concen: 81.228 ug/l
 RT: 6.612 min Scan# 774
 Delta R.T. 0.000 min
 Lab File: VN075312.D
 Acq: 18 Nov 2022 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Tgt Ion: 43 Resp: 27737
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.7 16.1

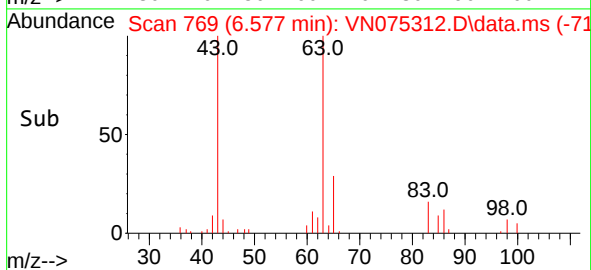
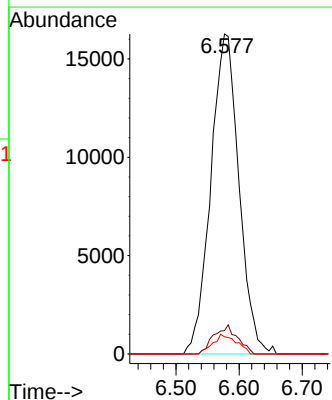
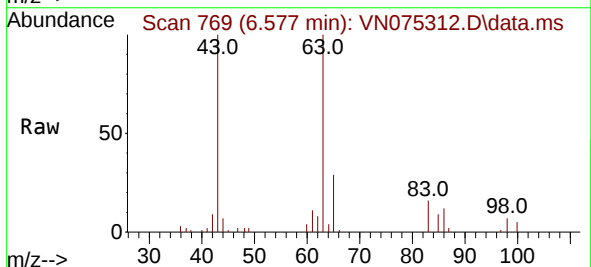
Manual Integrations
 APPROVED

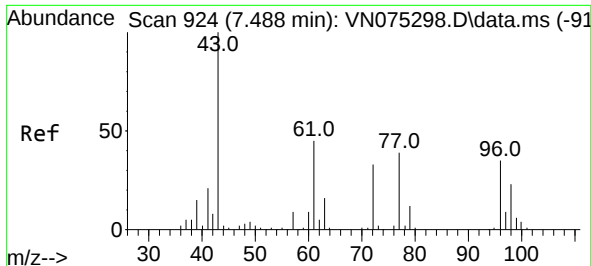
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#24
 1,1-Dichloroethane
 Concen: 19.482 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075312.D
 Acq: 18 Nov 2022 15:06

Tgt Ion: 63 Resp: 50385
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 92.221 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 43 Resp: 99050

Ion Ratio Lower Upper

43 100

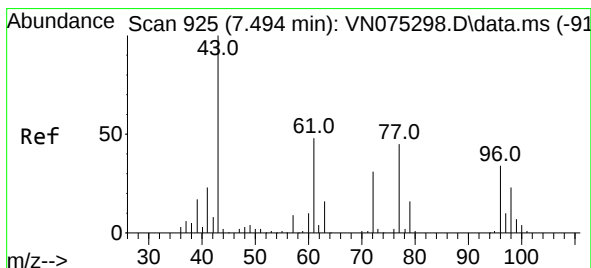
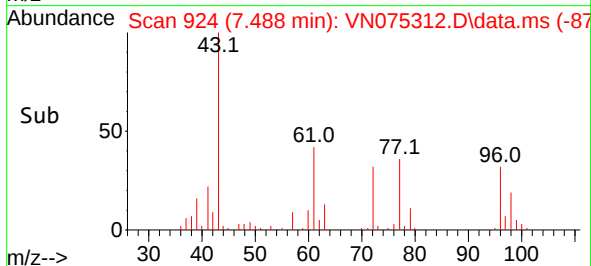
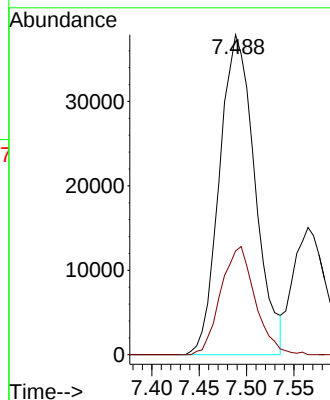
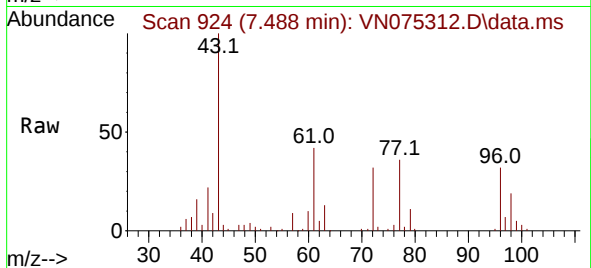
72 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#26

2,2-Dichloropropane

Concen: 18.321 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075312.D

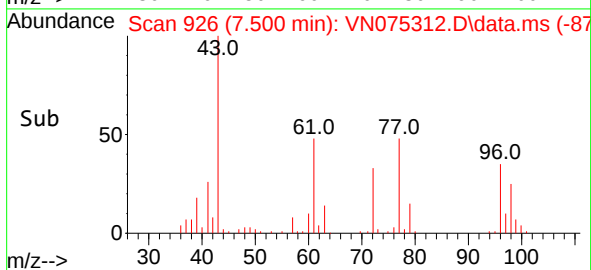
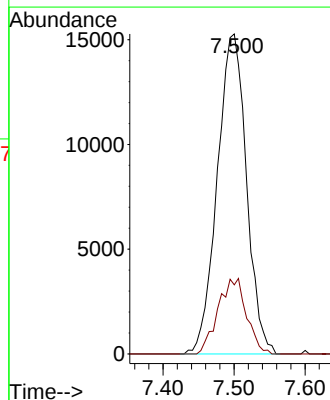
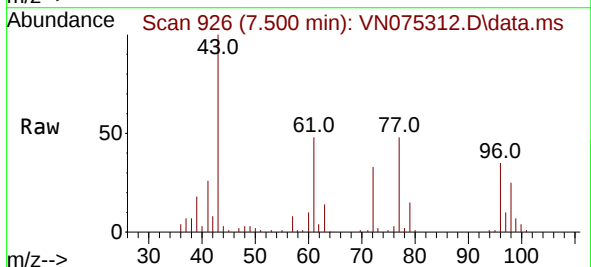
Acq: 18 Nov 2022 15:06

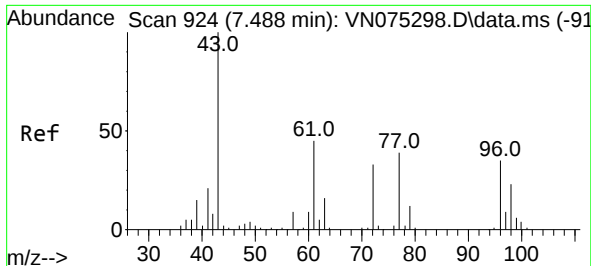
Tgt Ion: 77 Resp: 43591

Ion Ratio Lower Upper

77 100

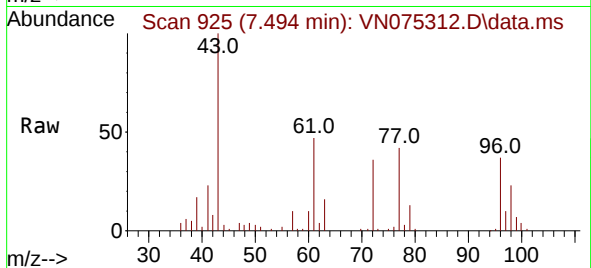
97 23.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.373 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075312.D
 Acq: 18 Nov 2022 15:06

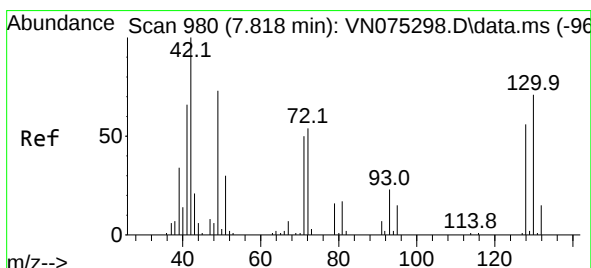
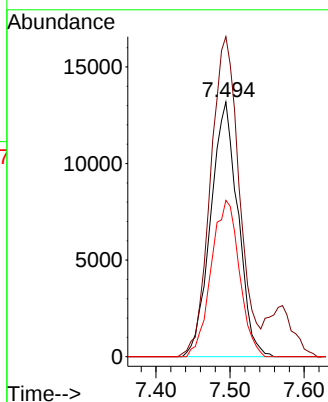
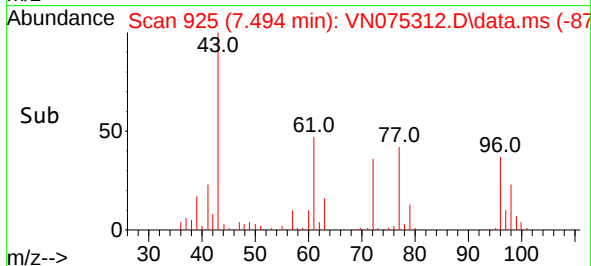
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01



Tgt Ion: 96 Resp: 3379
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 278.8
 98 63.0 0.0 128.4

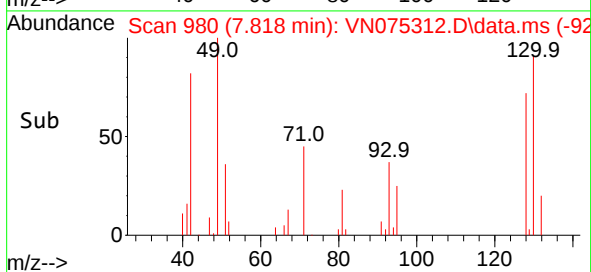
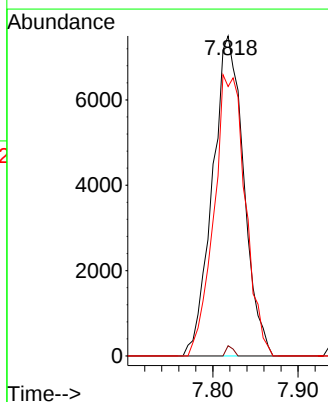
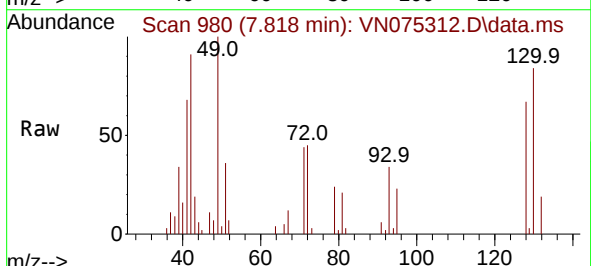
Manual Integrations
 APPROVED

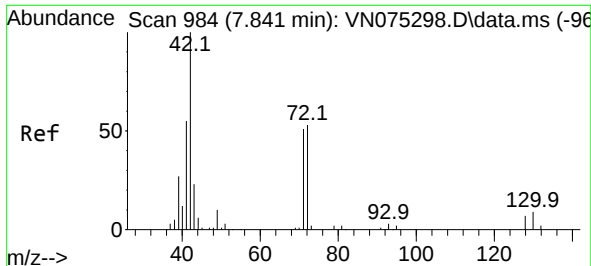
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#28
 Bromochloromethane
 Concen: 17.517 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075312.D
 Acq: 18 Nov 2022 15:06

Tgt Ion: 49 Resp: 19098
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.6
 130 88.1 66.2 99.4





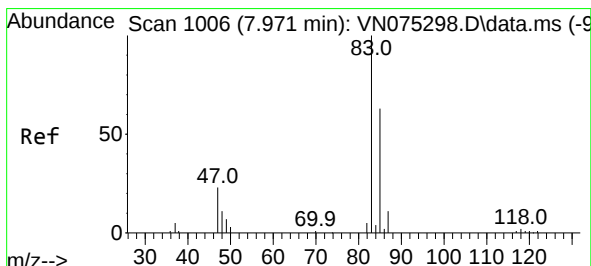
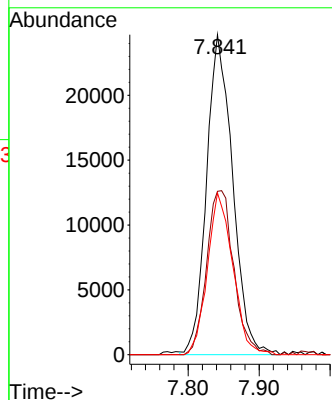
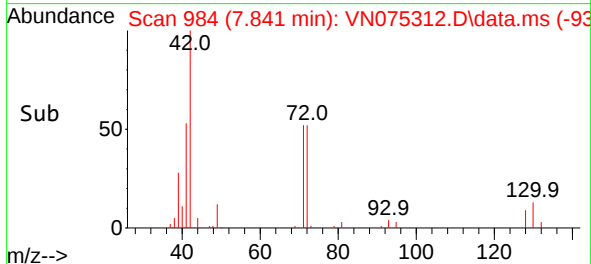
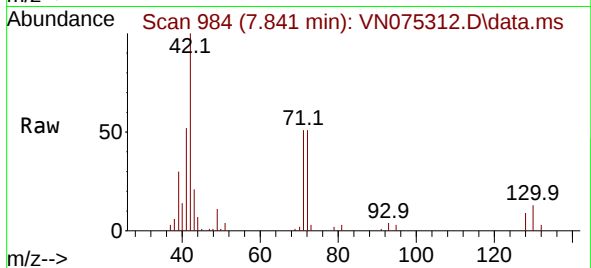
#29
Tetrahydrofuran
Concen: 90.721 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 42 Resp: 62964
Ion Ratio Lower Upper
42 100
72 53.3 43.0 64.6
71 49.1 39.9 59.9

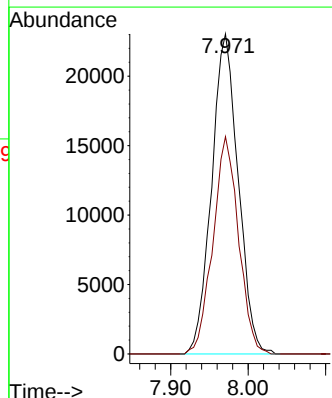
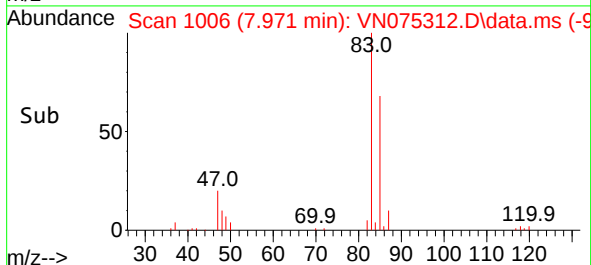
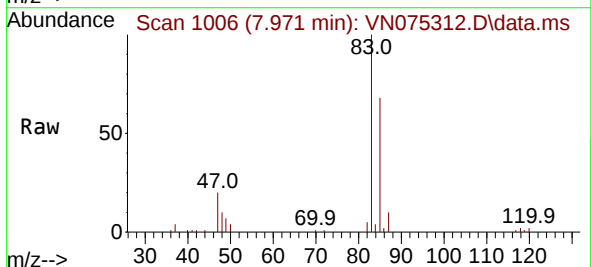
Manual Integrations
APPROVED

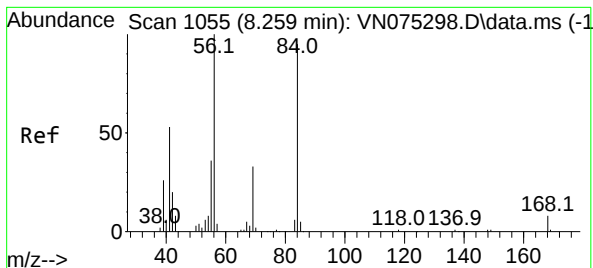
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#30
Chloroform
Concen: 19.590 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 83 Resp: 55009
Ion Ratio Lower Upper
83 100
85 67.9 51.4 77.0





#31

Cyclohexane

Concen: 18.372 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 56 Resp: 4406

Ion Ratio Lower Upper

56 100

69 34.5 25.2 37.8

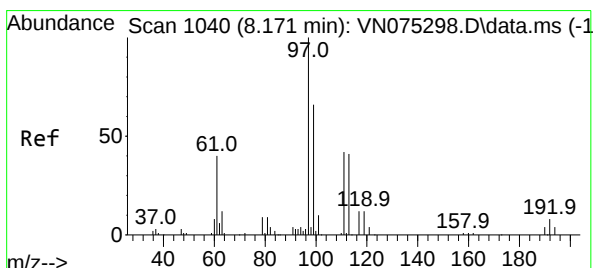
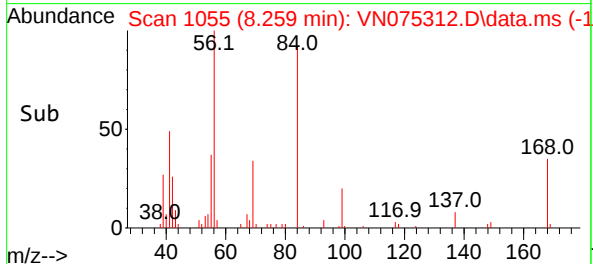
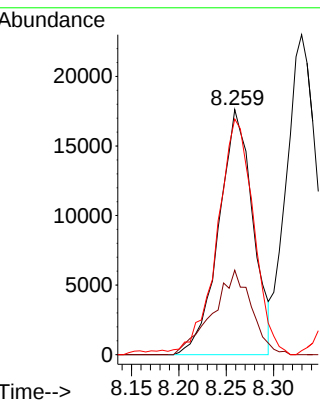
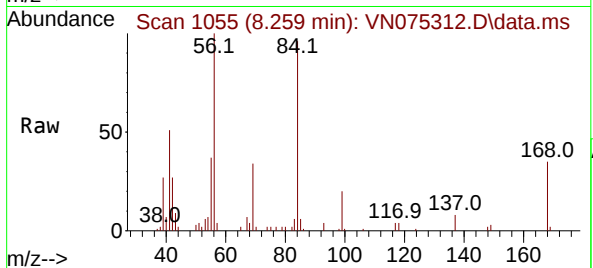
84 94.7 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#32

1,1,1-Trichloroethane

Concen: 19.484 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

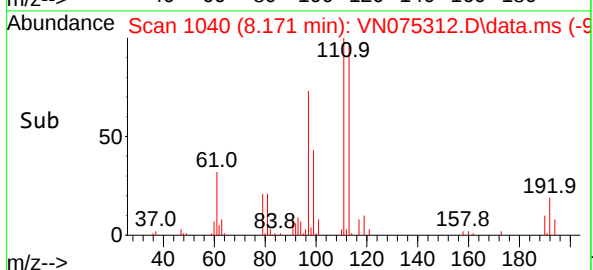
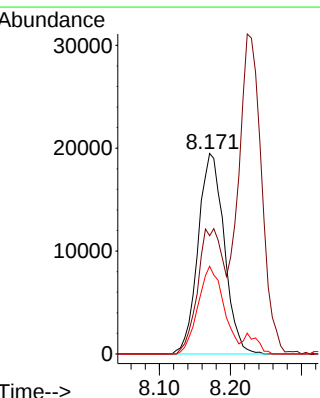
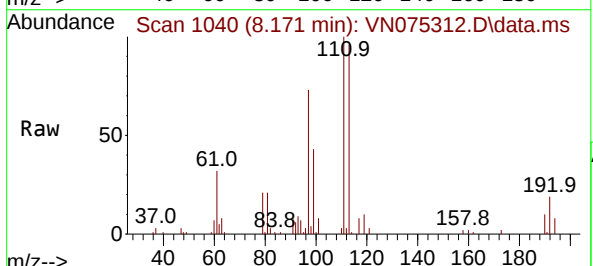
Tgt Ion: 97 Resp: 49683

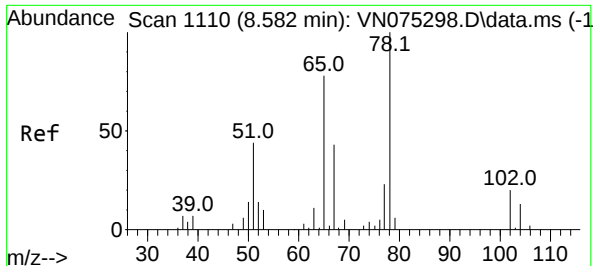
Ion Ratio Lower Upper

97 100

99 61.5 50.2 75.2

61 43.0 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 41.882 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 65 Resp: 6754

Ion Ratio Lower Upper

65 100

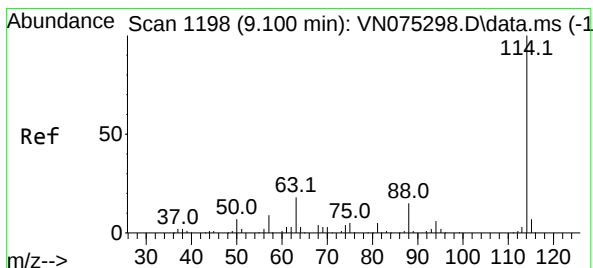
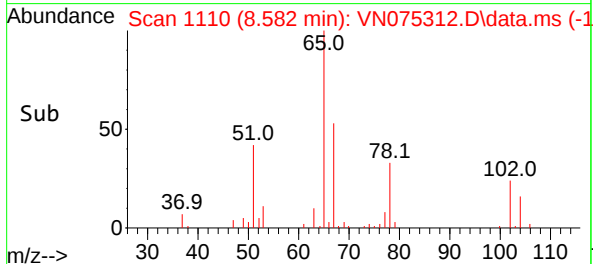
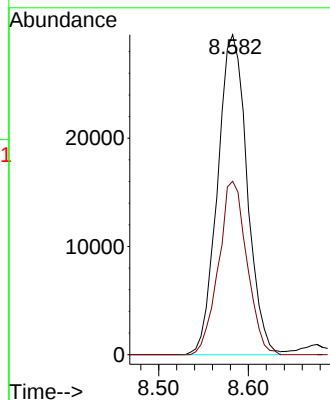
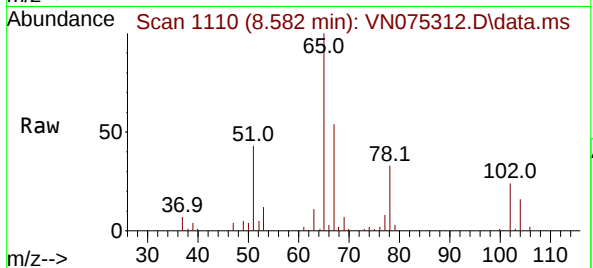
67 52.1 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

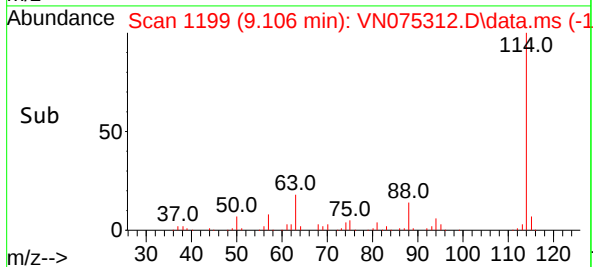
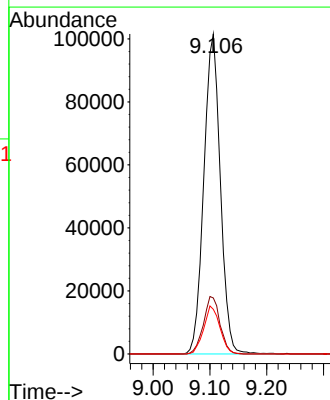
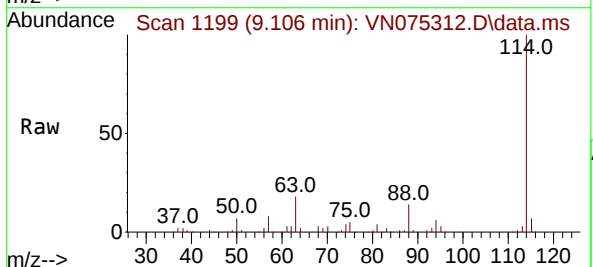
Tgt Ion:114 Resp: 204580

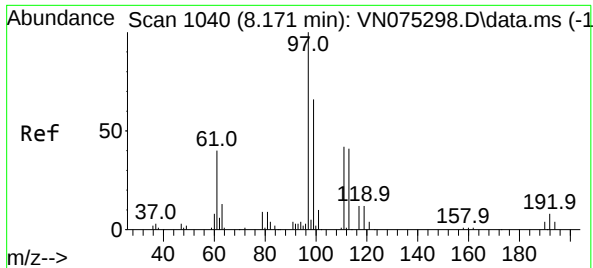
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

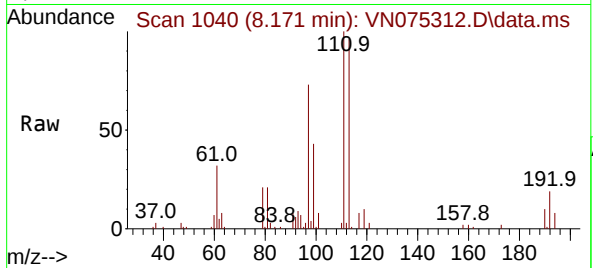
88 14.0 0.0 29.0





#35
Dibromofluoromethane
Concen: 51.140 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

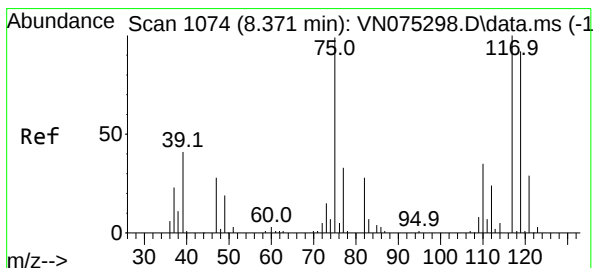
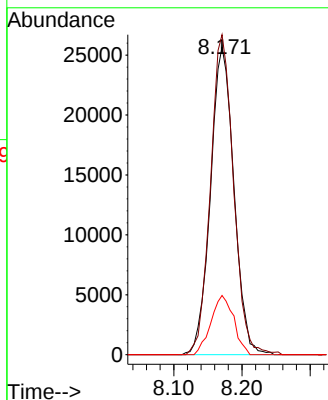
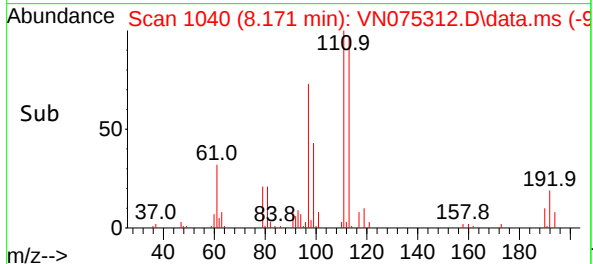
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



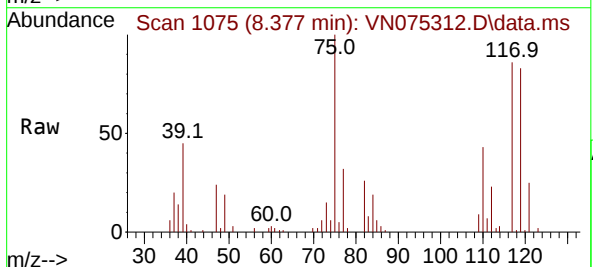
Tgt Ion: 113 Resp: 61418
Ion Ratio Lower Upper
113 100
111 102.2 80.5 120.7
192 18.7 13.2 19.8

Manual Integrations
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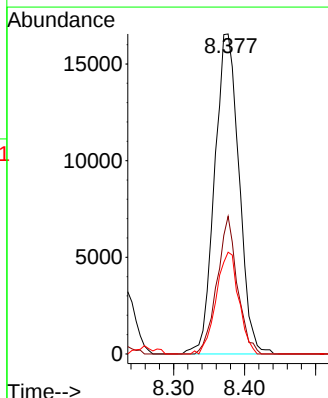
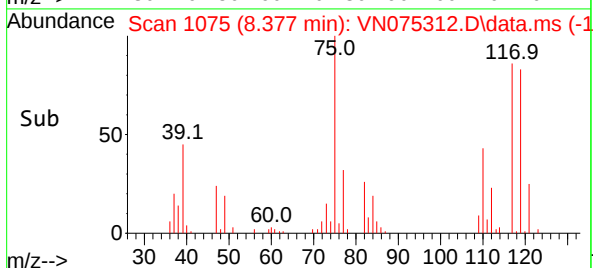
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

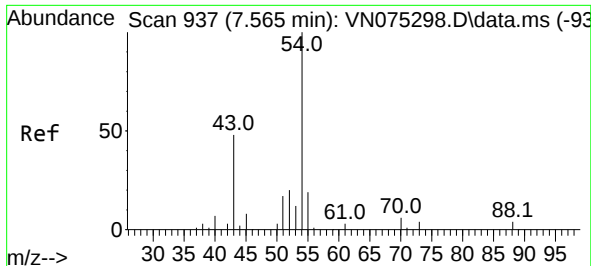


#36
1,1-Dichloropropene
Concen: 21.211 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06



Tgt Ion: 75 Resp: 39439
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.3
77 29.4 24.6 37.0





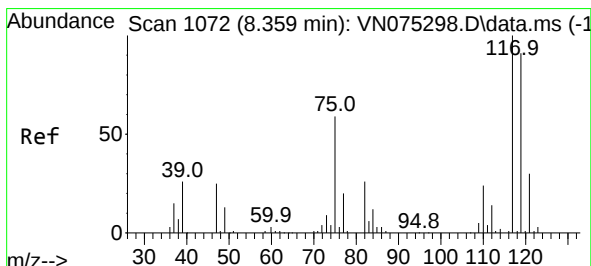
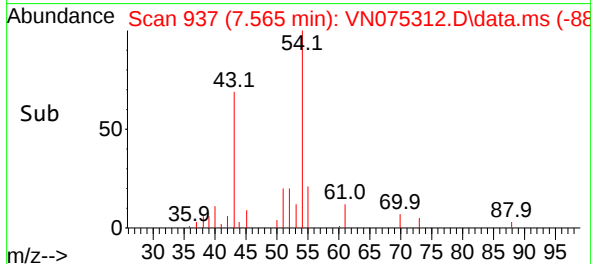
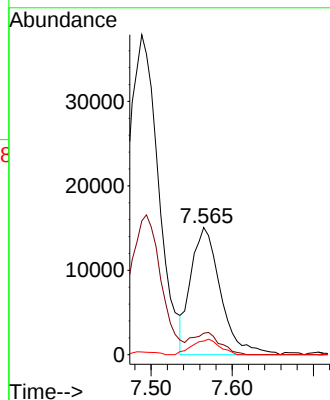
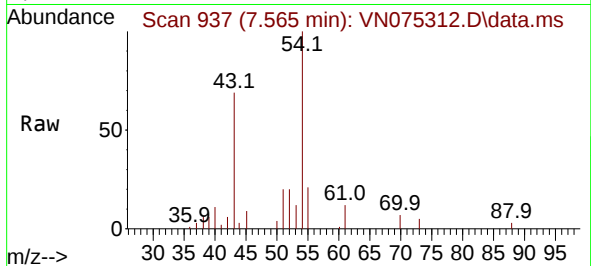
#37
Ethyl Acetate
Concen: 18.805 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 43 Resp: 38340
Ion Ratio Lower Upper
43 100
61 16.4 12.2 18.4
70 11.1 9.4 14.2

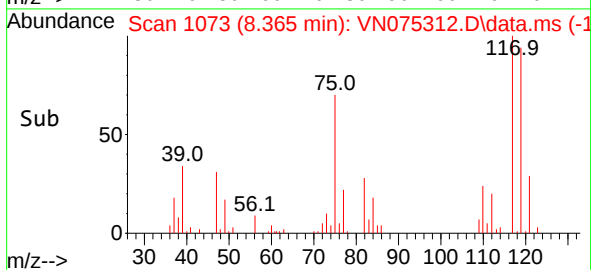
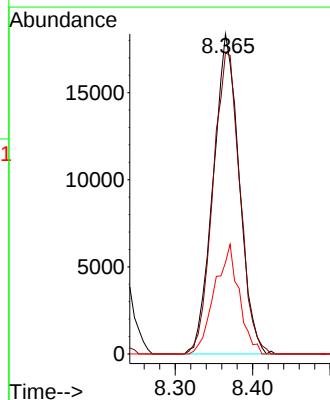
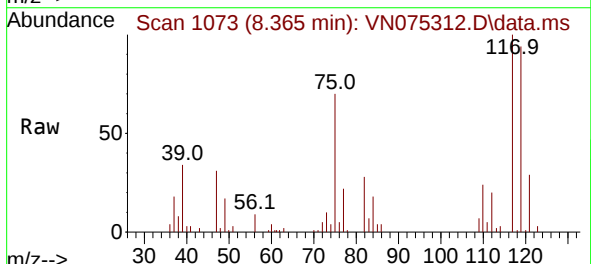
Manual Integrations
APPROVED

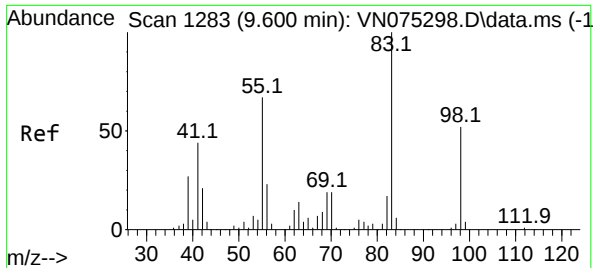
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#38
Carbon Tetrachloride
Concen: 20.922 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

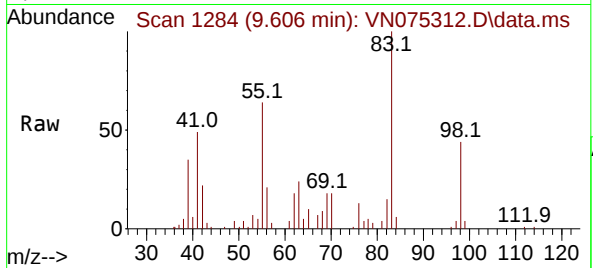
Tgt Ion:117 Resp: 42792
Ion Ratio Lower Upper
117 100
119 94.1 76.7 115.1
121 28.6 23.9 35.9





#39
Methylcyclohexane
Concen: 20.477 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

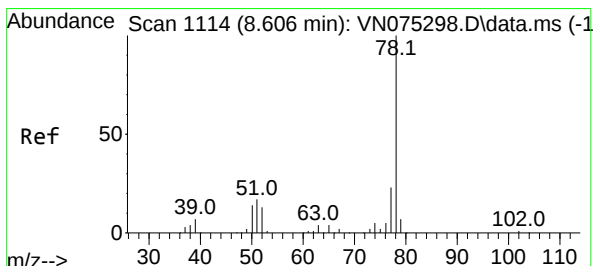
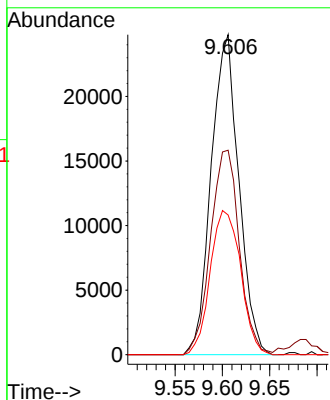
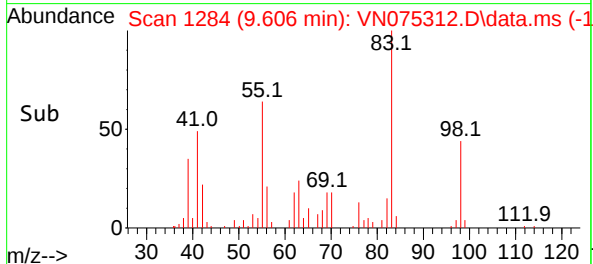
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 83 Resp: 50264
Ion Ratio Lower Upper
83 100
55 63.9 53.6 80.4
98 43.6 41.1 61.7

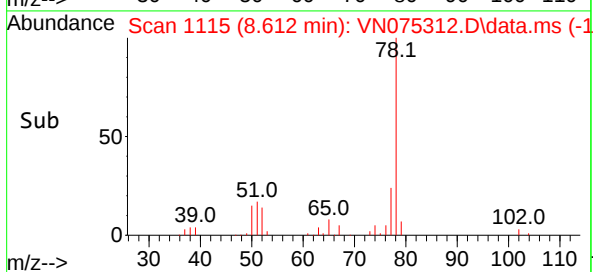
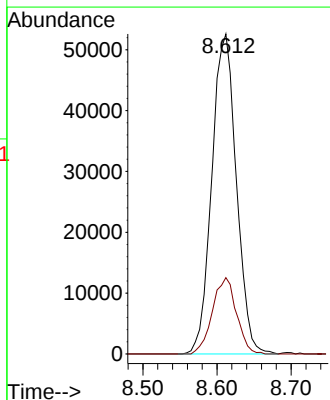
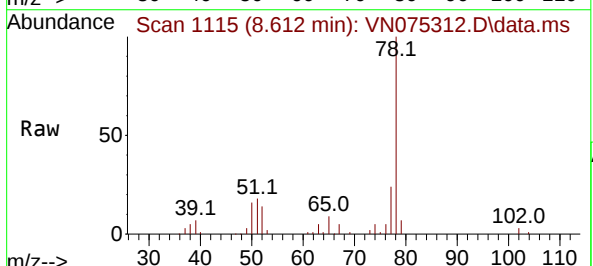
Manual Integrations
APPROVED

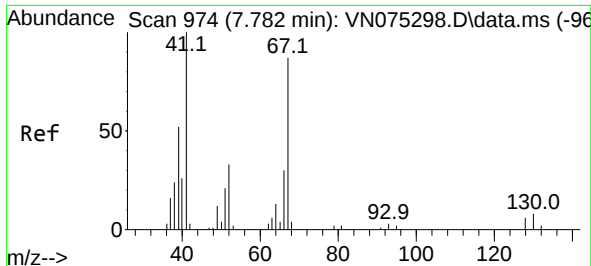
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#40
Benzene
Concen: 21.262 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 78 Resp: 121048
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0





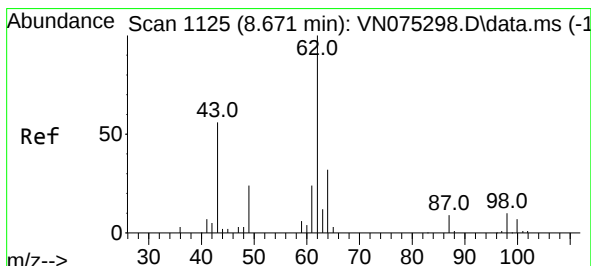
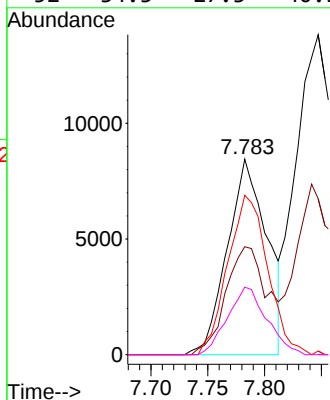
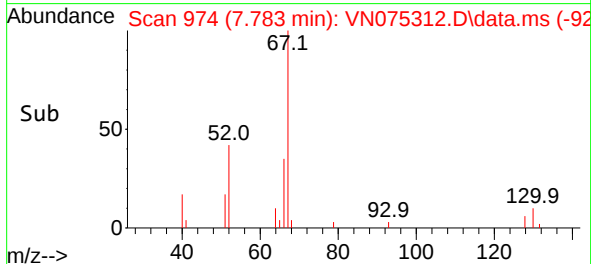
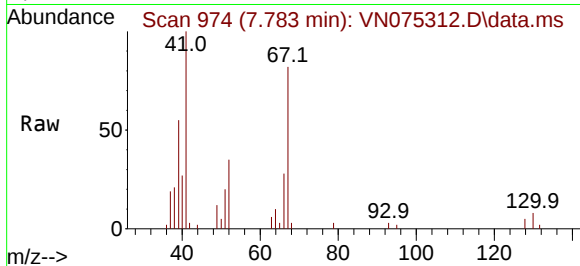
#41
Methacrylonitrile
Concen: 20.917 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 41	Resp: 20434
Ion Ratio	Lower Upper
41 100	
39 57.7	44.4 66.6
67 82.7	69.8 104.6
52 34.3	27.3 40.9

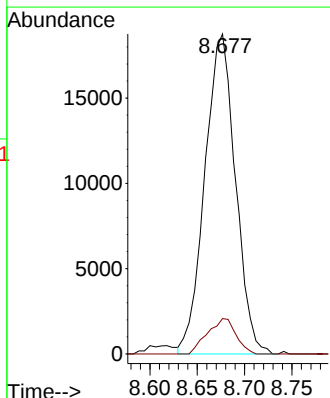
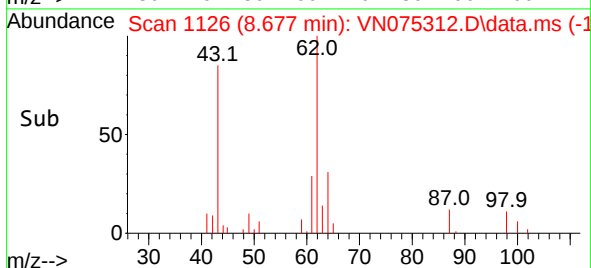
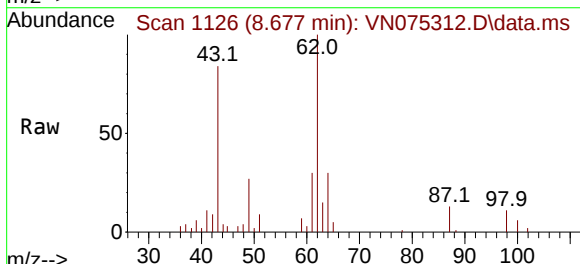
Manual Integrations
APPROVED

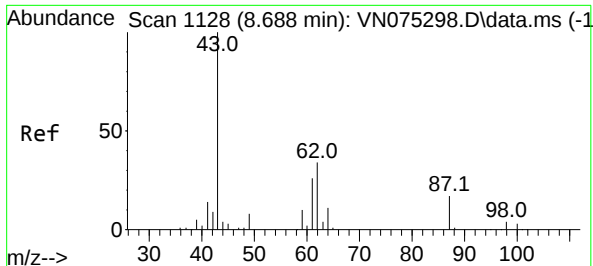
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#42
1,2-Dichloroethane
Concen: 20.353 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 62	Resp: 42156
Ion Ratio	Lower Upper
62 100	
98 10.3	0.0 18.2





#43

Isopropyl Acetate

Concen: 19.543 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

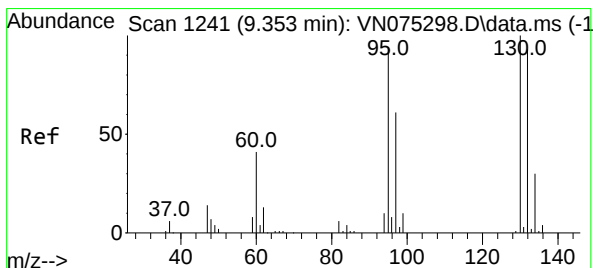
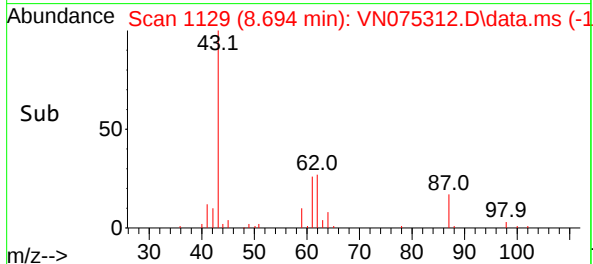
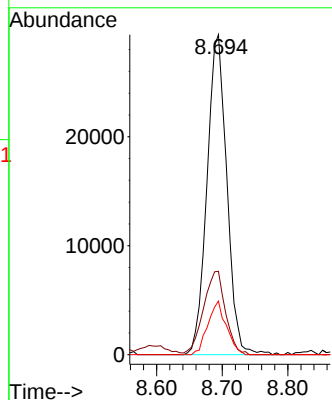
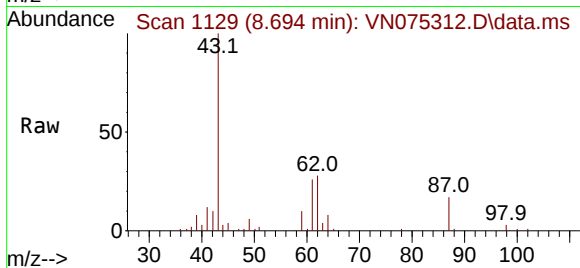
Tgt Ion: 43	Resp: 6181
Ion Ratio	Lower Upper
43	100
61	28.8 22.4 33.6
87	15.6 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#44

Trichloroethene

Concen: 22.451 ug/l

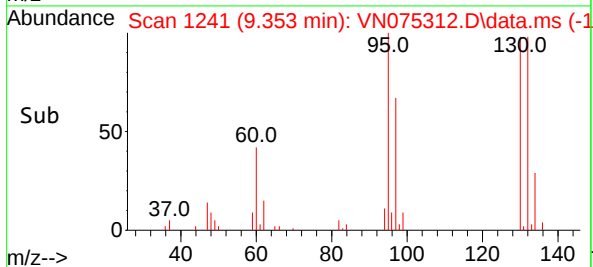
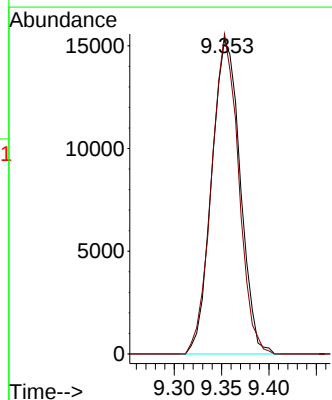
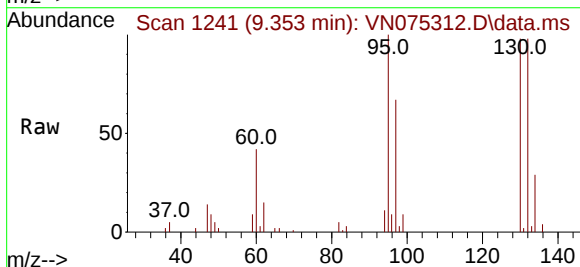
RT: 9.353 min Scan# 1241

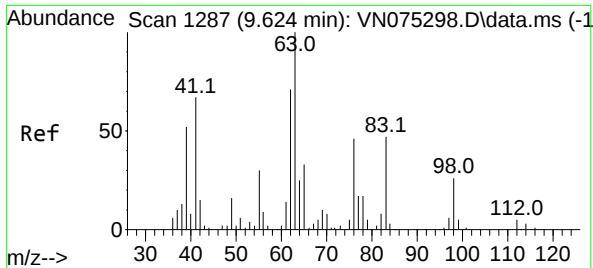
Delta R.T. 0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

Tgt Ion:130	Resp: 32067
Ion Ratio	Lower Upper
130	100
95	101.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.609 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 63 Resp: 2927

Ion Ratio Lower Upper

63 100

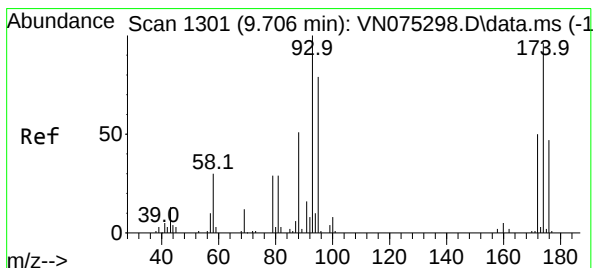
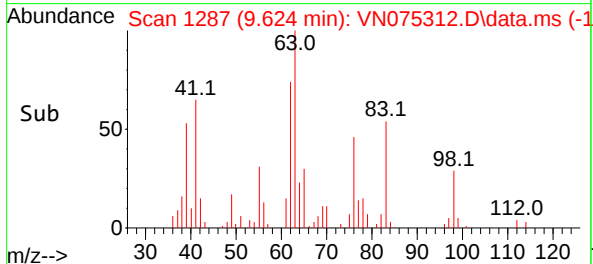
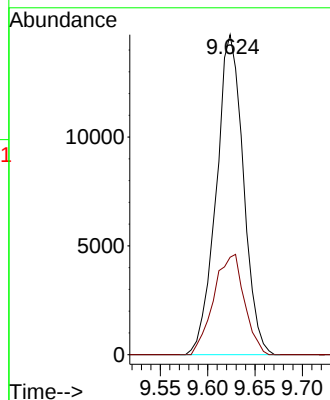
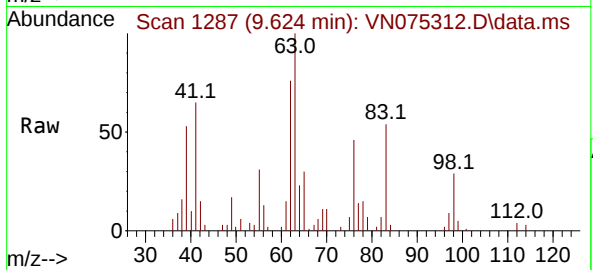
65 30.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#46

Dibromomethane

Concen: 21.395 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

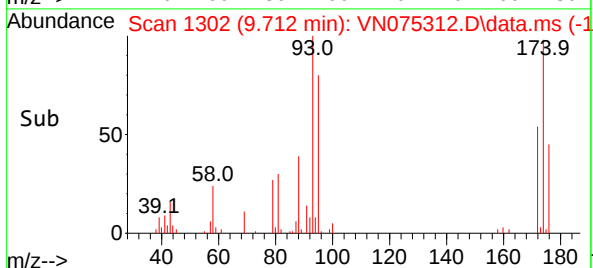
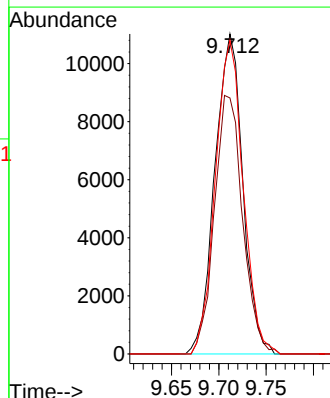
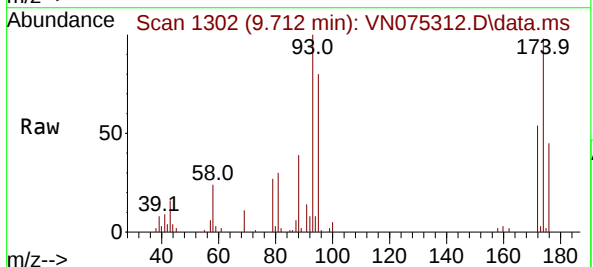
Tgt Ion: 93 Resp: 22583

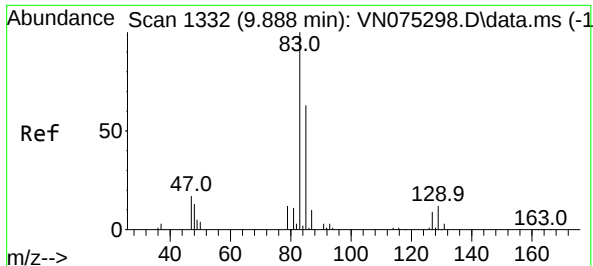
Ion Ratio Lower Upper

93 100

95 81.8 66.6 99.8

174 97.7 70.3 105.5





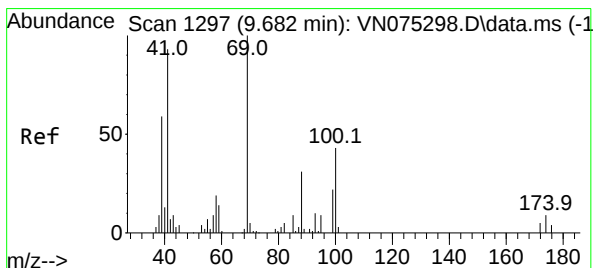
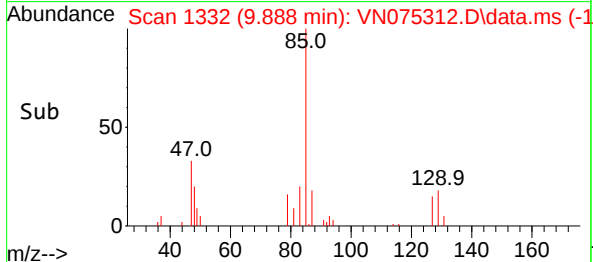
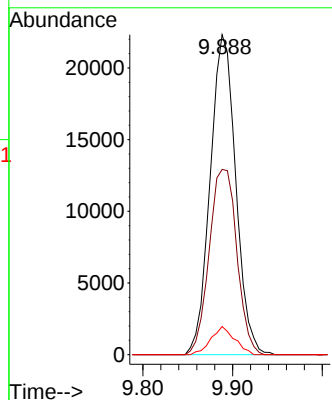
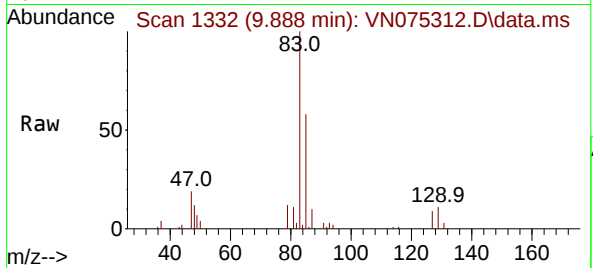
#47
Bromodichloromethane
Concen: 21.607 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 83 Resp: 4416
Ion Ratio Lower Upper
83 100
85 57.9 52.1 78.1
127 8.8 6.6 10.0

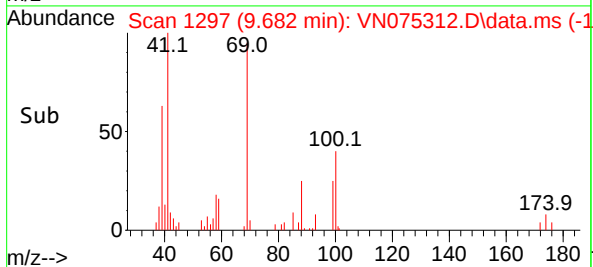
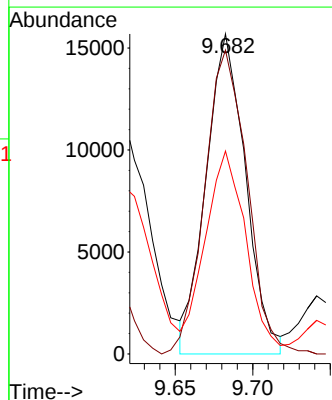
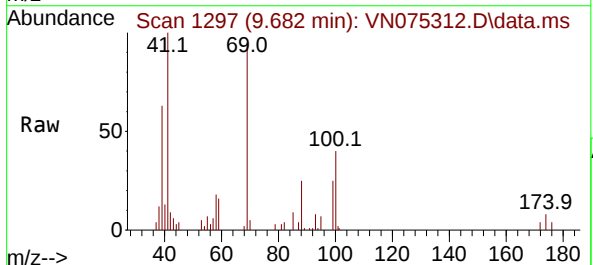
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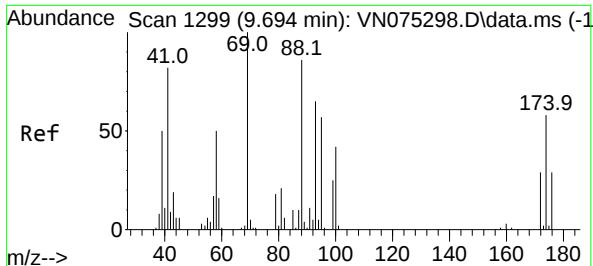
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#48
Methyl methacrylate
Concen: 19.139 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 41 Resp: 27769
Ion Ratio Lower Upper
41 100
69 102.3 80.2 120.2
39 65.6 56.2 84.2





#49

1,4-Dioxane

Concen: 416.525 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 88 Resp: 1582

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

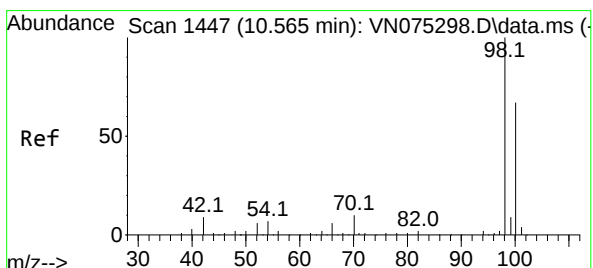
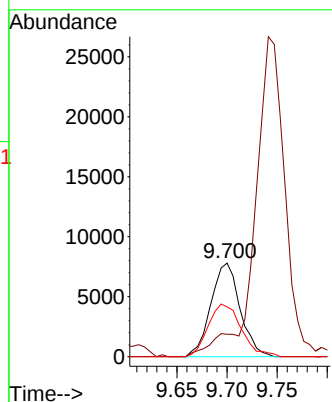
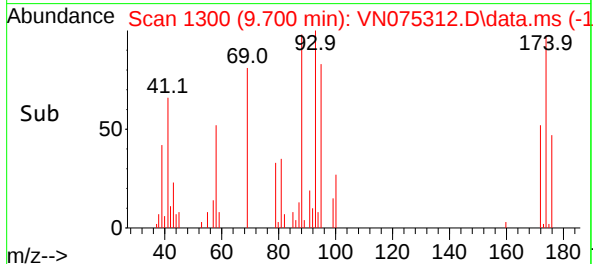
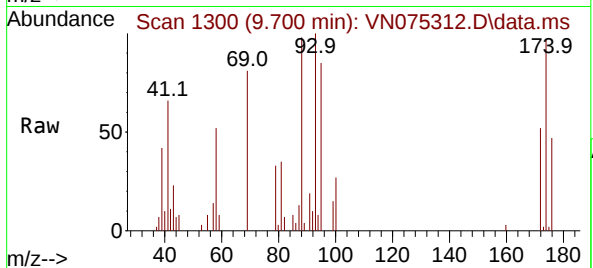
58 63.7 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#50

Toluene-d8

Concen: 45.698 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075312.D

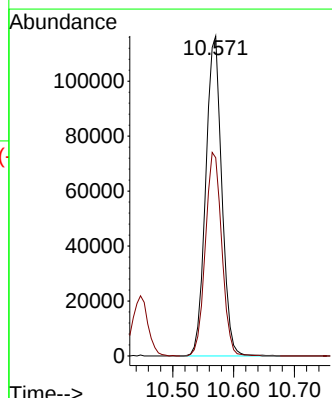
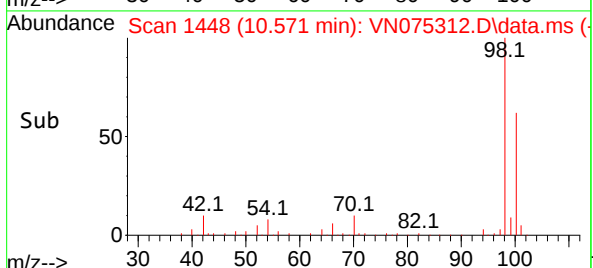
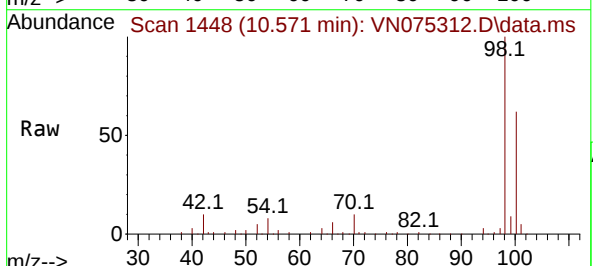
Acq: 18 Nov 2022 15:06

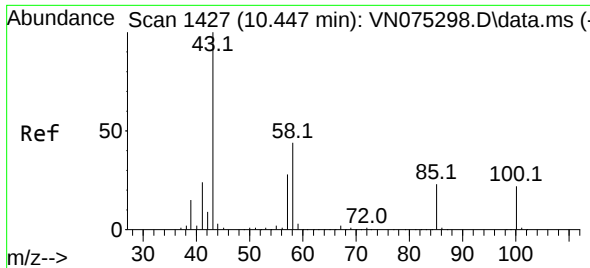
Tgt Ion: 98 Resp: 212929

Ion Ratio Lower Upper

98 100

100 64.9 53.0 79.6





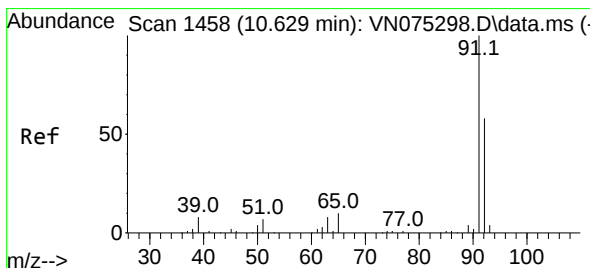
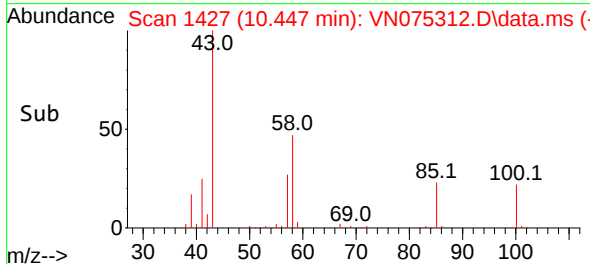
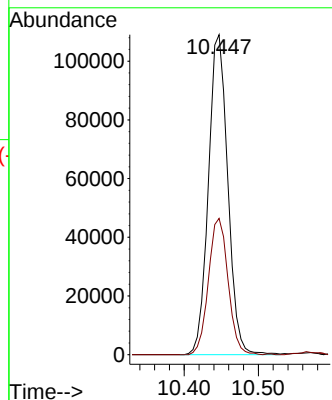
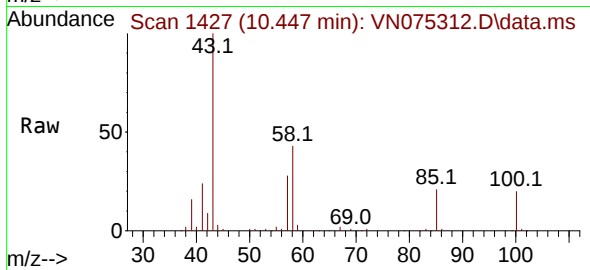
#51
4-Methyl-2-Pentanone
Concen: 97.038 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 43 Resp: 198059
Ion Ratio Lower Upper
43 100
58 43.1 33.6 50.4

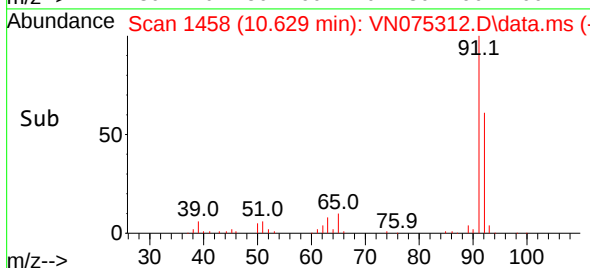
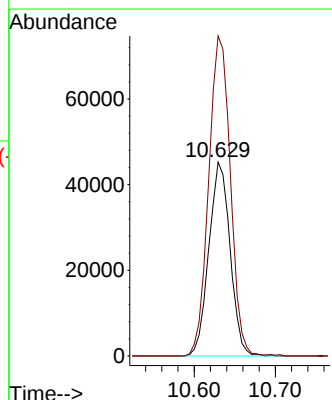
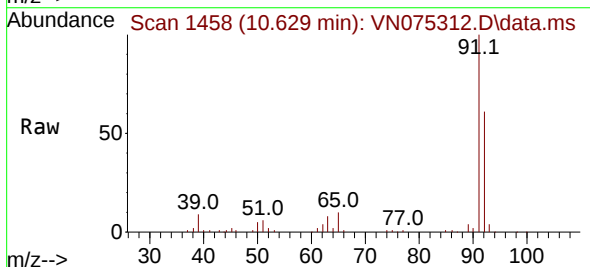
Manual Integrations
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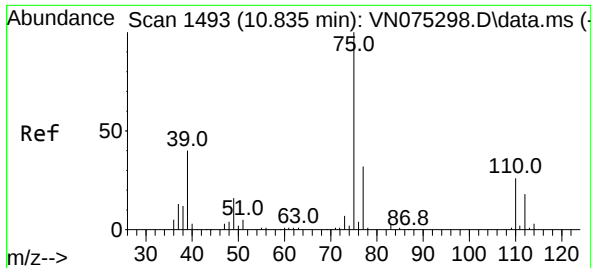
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#52
Toluene
Concen: 21.588 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 92 Resp: 82157
Ion Ratio Lower Upper
92 100
91 168.4 135.4 203.2





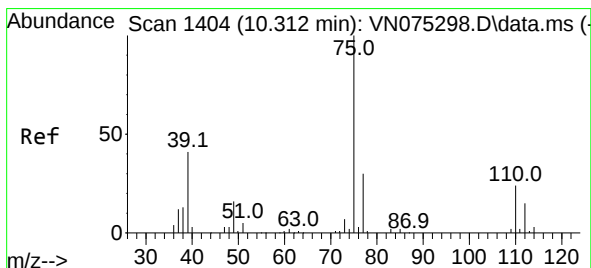
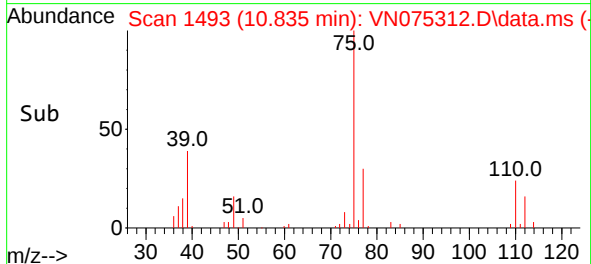
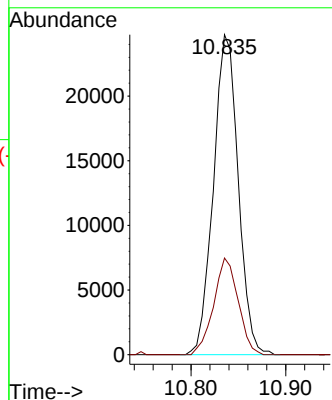
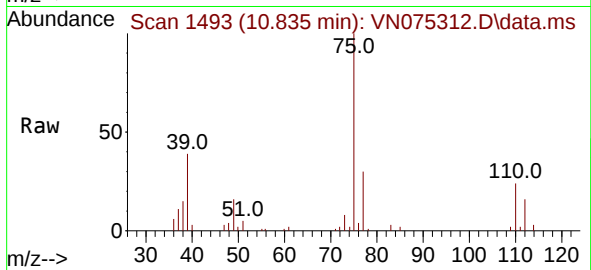
#53
t-1,3-Dichloropropene
Concen: 20.860 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 75 Resp: 4500
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.2

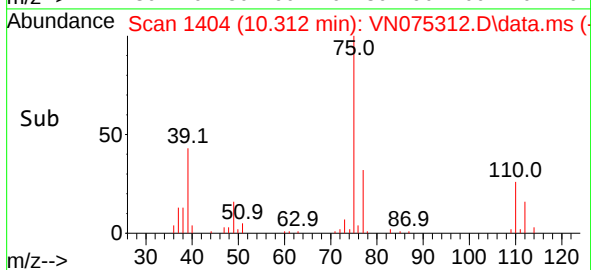
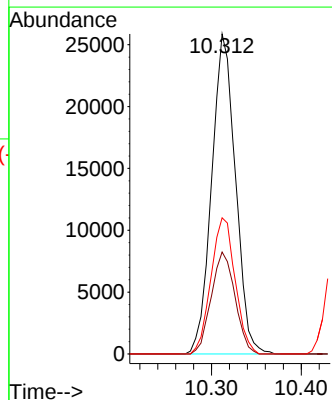
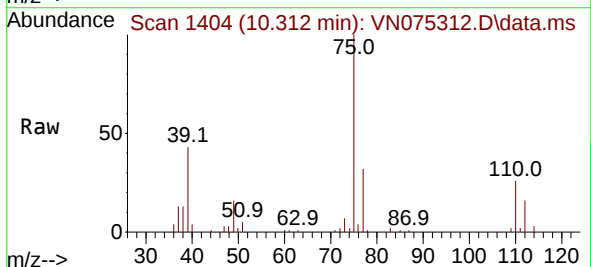
Manual Integrations
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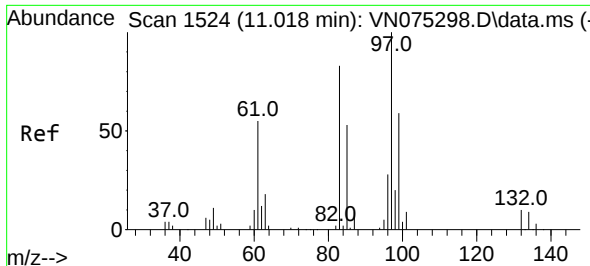
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#54
cis-1,3-Dichloropropene
Concen: 20.780 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 75 Resp: 47553
Ion Ratio Lower Upper
75 100
77 31.8 23.7 35.5
39 42.5 35.8 53.6





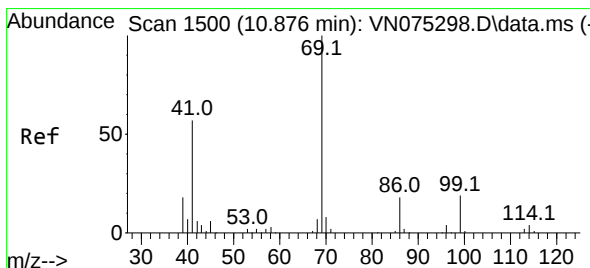
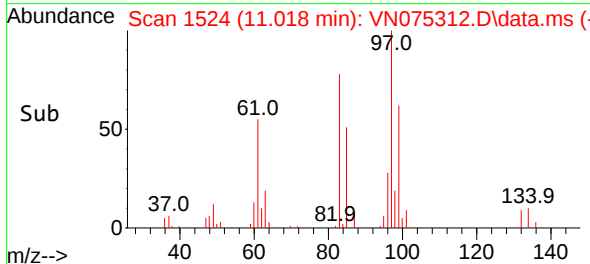
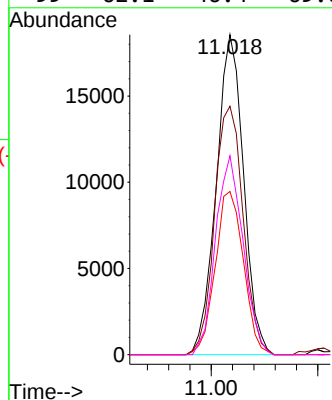
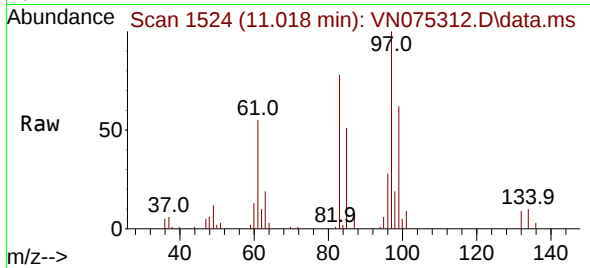
#55
1,1,2-Trichloroethane
Concen: 21.879 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 97	Resp: 33014		
Ion	Ratio	Lower	Upper
97	100		
83	77.7	65.9	98.9
85	51.0	40.4	60.6
99	62.1	46.4	69.6

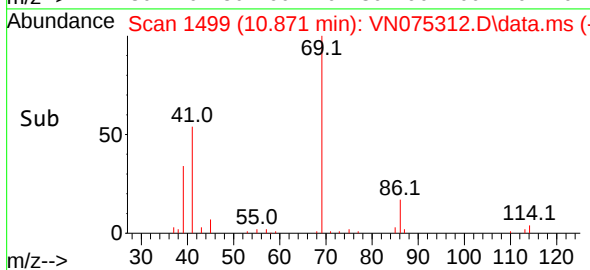
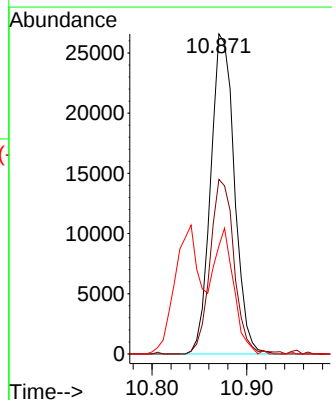
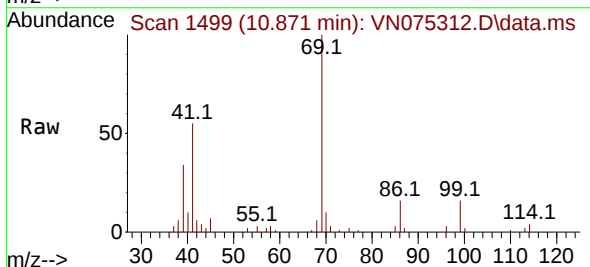
Manual Integrations
APPROVED

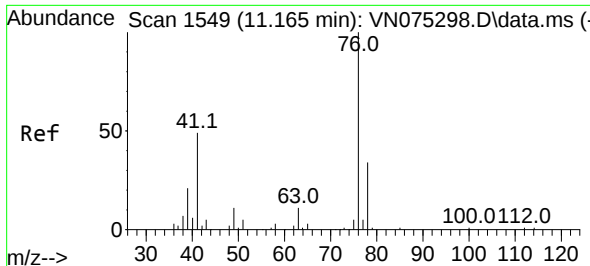
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#56
Ethyl methacrylate
Concen: 20.082 ug/l
RT: 10.871 min Scan# 1499
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion: 69	Resp: 46223
Ion Ratio	Lower Upper
69 100	
41 55.3	45.6 68.4
39 32.7	28.5 42.7





#57

1,3-Dichloropropane

Concen: 21.295 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 76 Resp: 53514

Ion Ratio Lower Upper

76 100

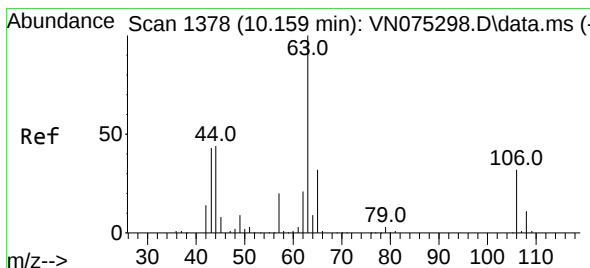
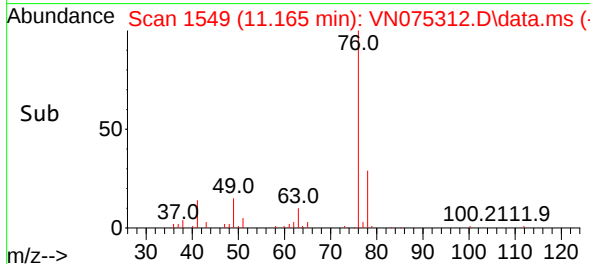
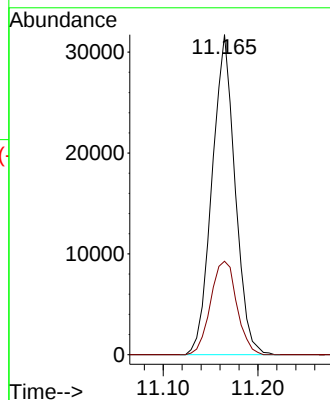
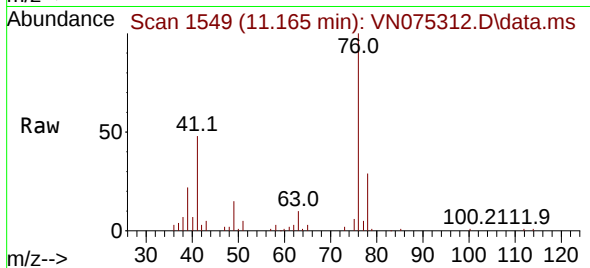
78 33.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 75.712 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075312.D

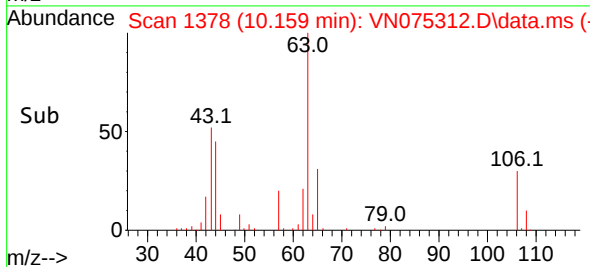
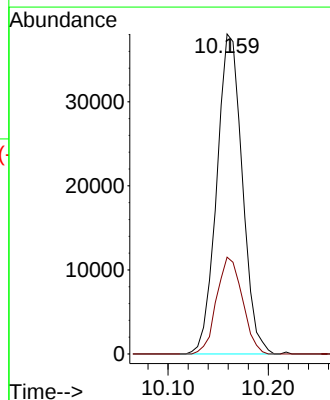
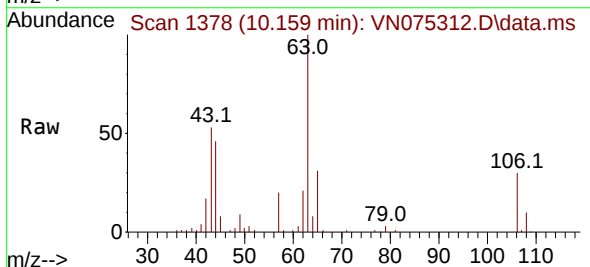
Acq: 18 Nov 2022 15:06

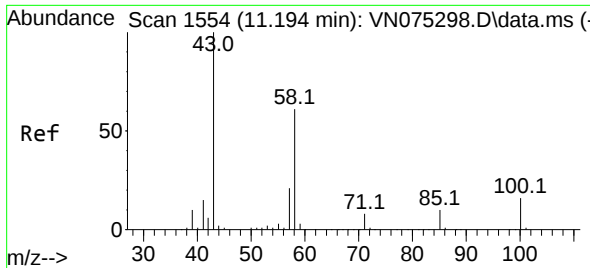
Tgt Ion: 63 Resp: 67372

Ion Ratio Lower Upper

63 100

106 30.5 24.8 37.2





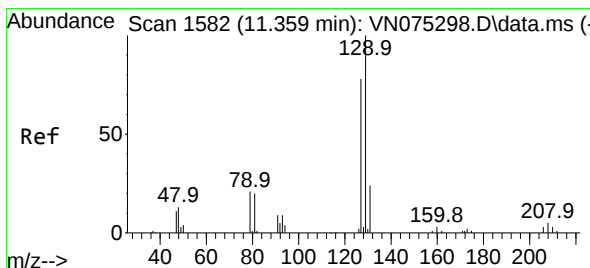
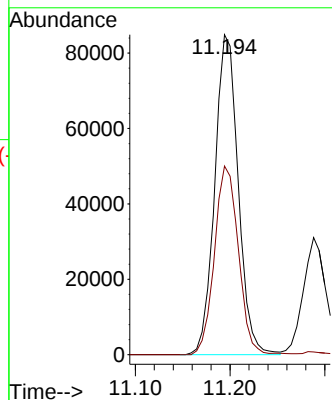
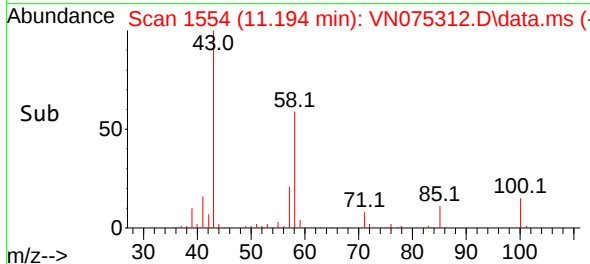
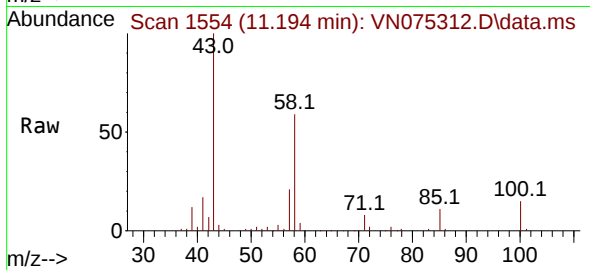
#59
2-Hexanone
Concen: 94.260 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 43 Resp: 146010
Ion Ratio Lower Upper
43 100
58 60.1 29.6 88.8

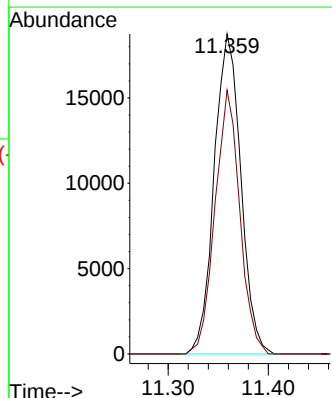
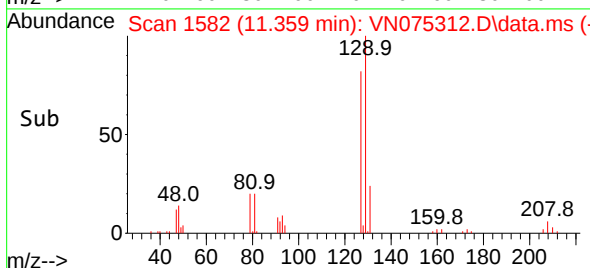
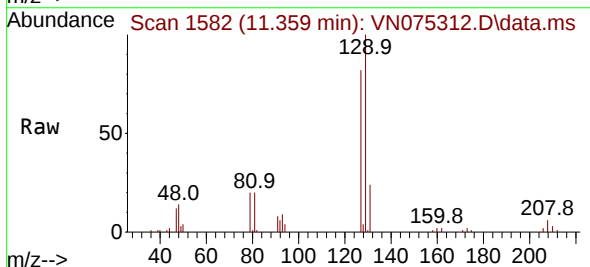
Manual Integrations
APPROVED

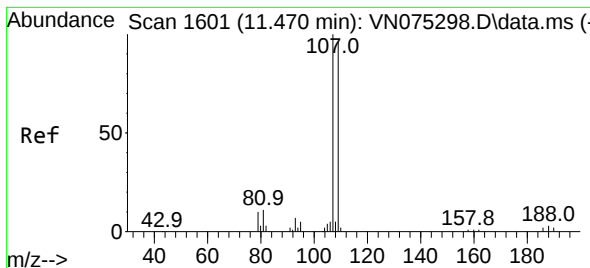
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#60
Dibromochloromethane
Concen: 21.738 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

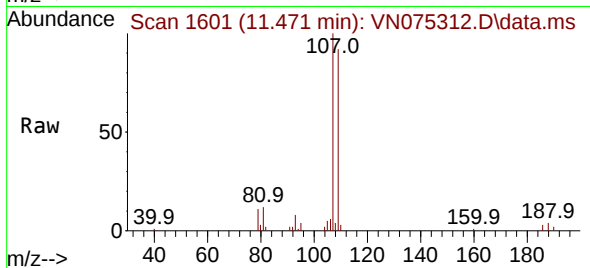
Tgt Ion:129 Resp: 34607
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 21.120 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

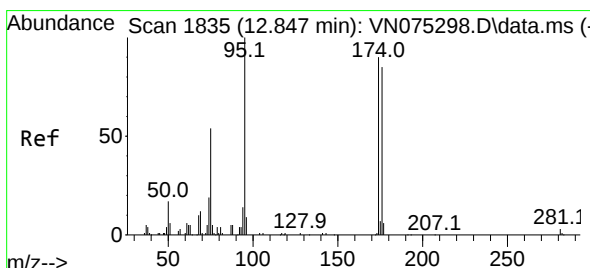
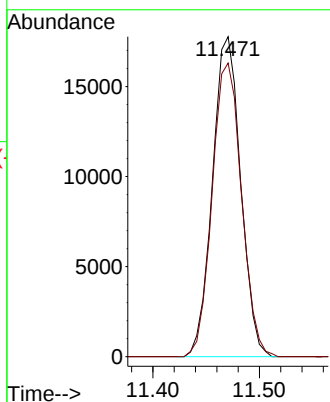
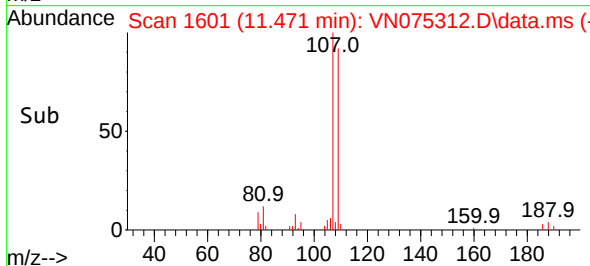
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



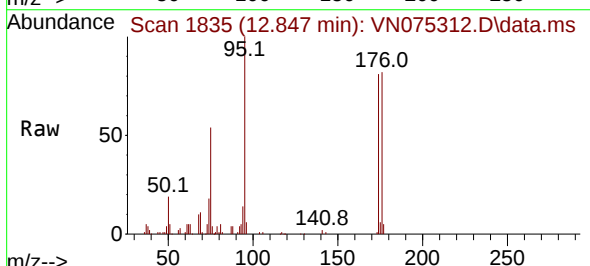
Tgt Ion:107 Resp: 32660
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4

Manual Integrations
APPROVED

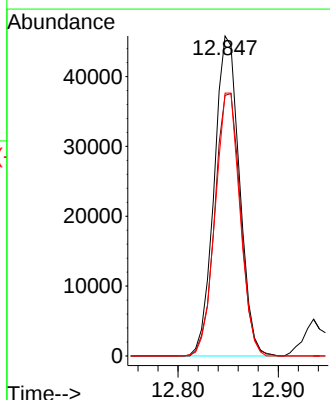
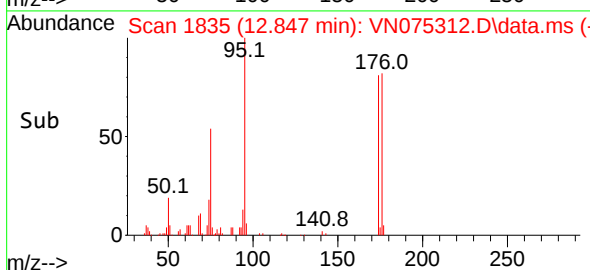
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

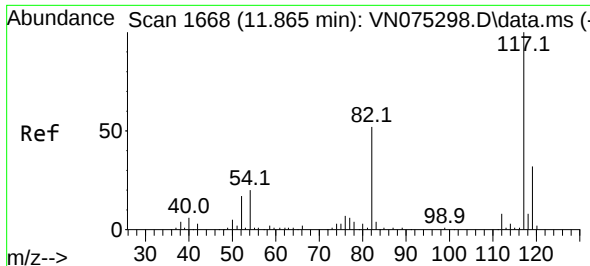


#62
4-Bromofluorobenzene
Concen: 48.894 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06



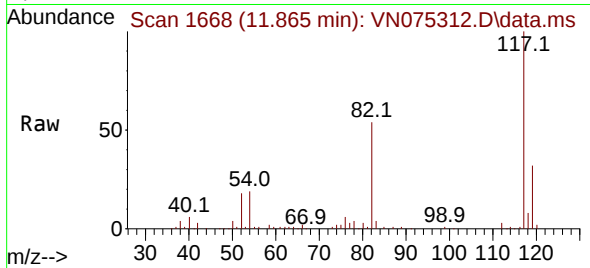
Tgt Ion: 95 Resp: 80030
Ion Ratio Lower Upper
95 100
174 83.1 0.0 147.4
176 80.7 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

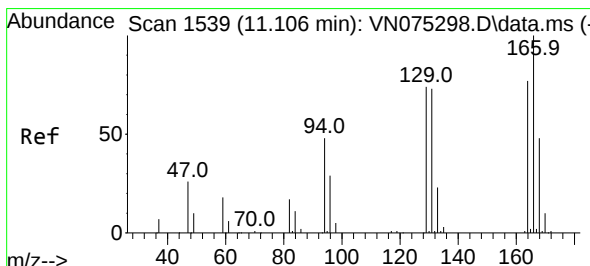
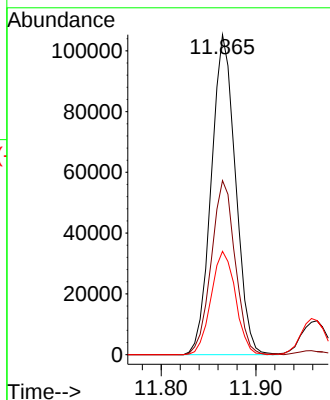
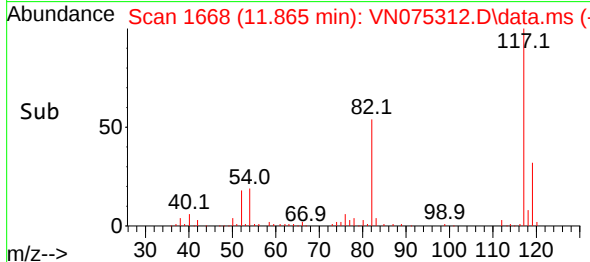
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



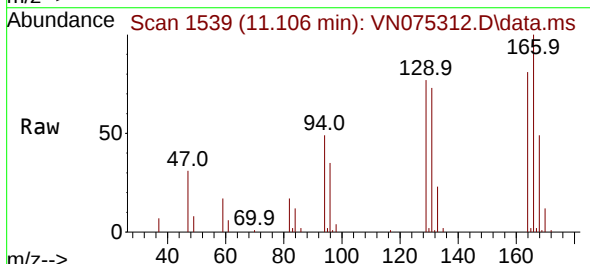
Tgt Ion:117 Resp: 187115
Ion Ratio Lower Upper
117 100
82 54.4 43.1 64.7
119 32.3 25.5 38.3

Manual Integrations
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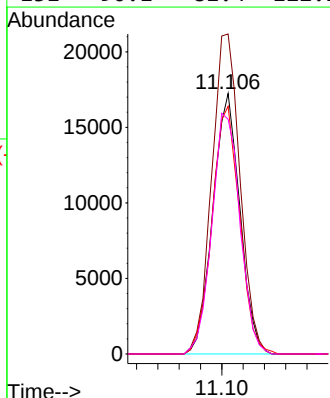
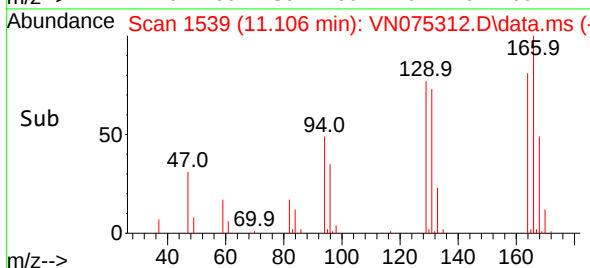
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

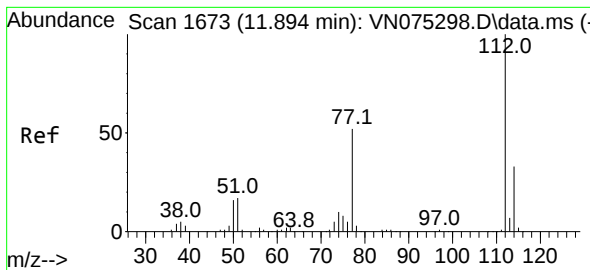


#64
Tetrachloroethene
Concen: 26.477 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06



Tgt Ion:164 Resp: 30374
Ion Ratio Lower Upper
164 100
166 122.8 106.5 159.7
129 95.0 81.9 122.9
131 90.1 81.4 122.2





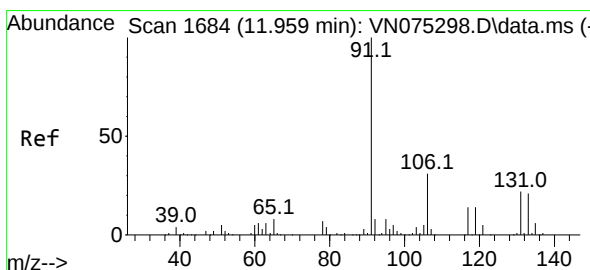
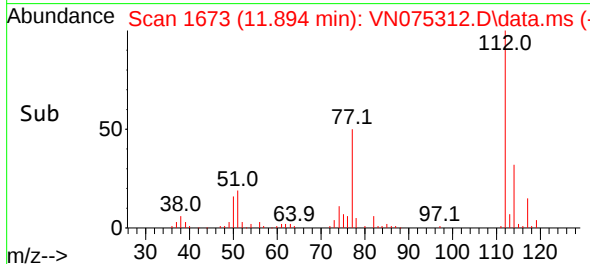
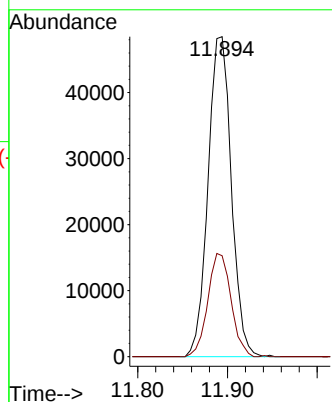
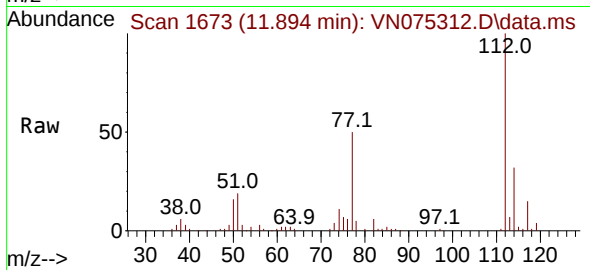
#65
Chlorobenzene
Concen: 21.887 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion:112 Resp: 8741
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

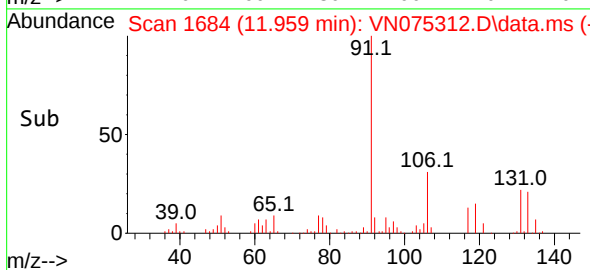
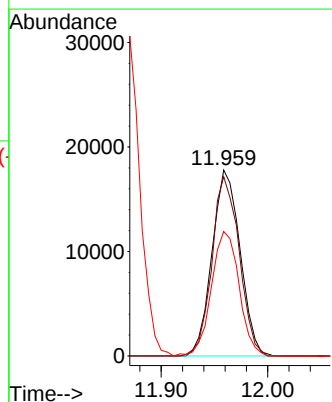
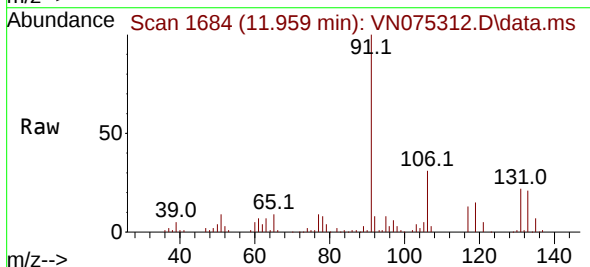
Manual Integrations
APPROVED

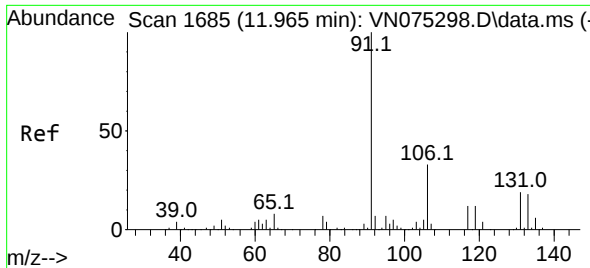
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.947 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion:131 Resp: 32517
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.4
119 66.2 33.0 99.0





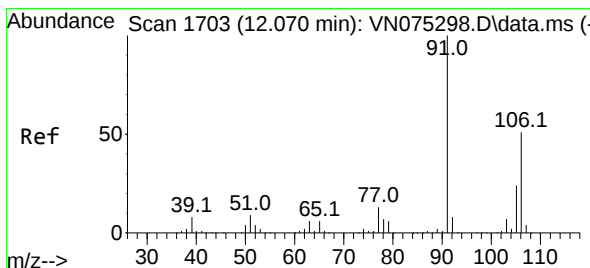
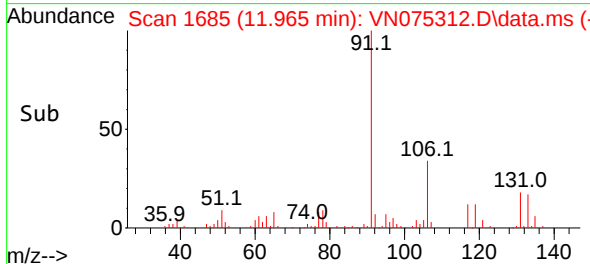
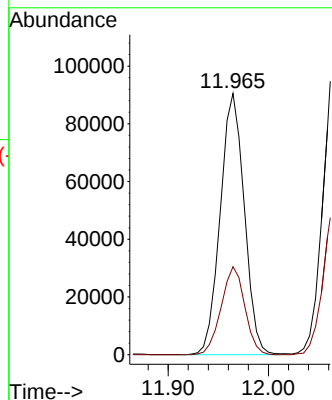
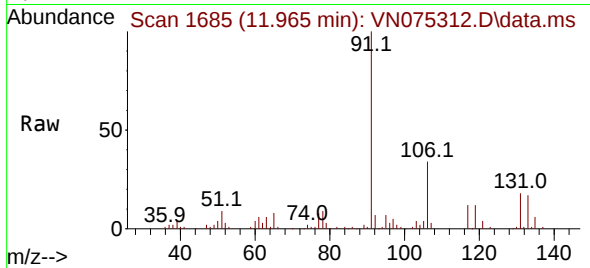
#67
Ethyl Benzene
Concen: 20.976 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 91 Resp: 15072
Ion Ratio Lower Upper
91 100
106 33.7 24.9 37.3

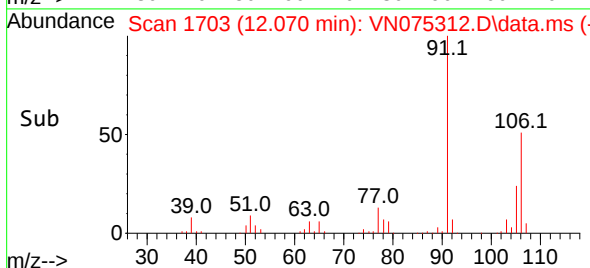
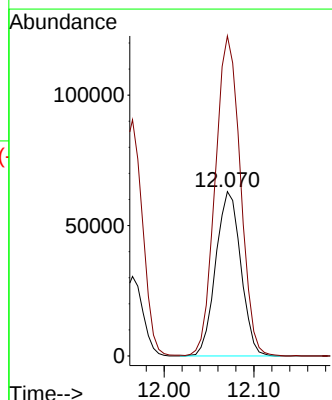
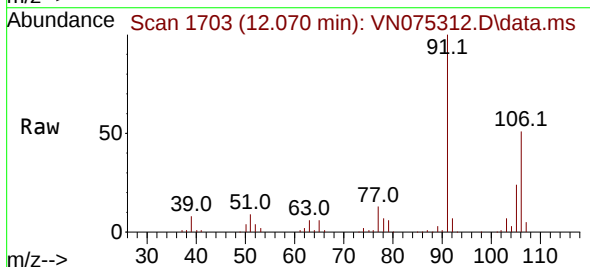
Manual Integrations
APPROVED

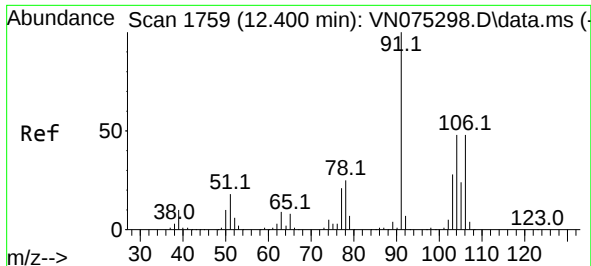
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#68
m/p-Xylenes
Concen: 42.374 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion:106 Resp: 122177
Ion Ratio Lower Upper
106 100
91 195.4 156.0 234.0





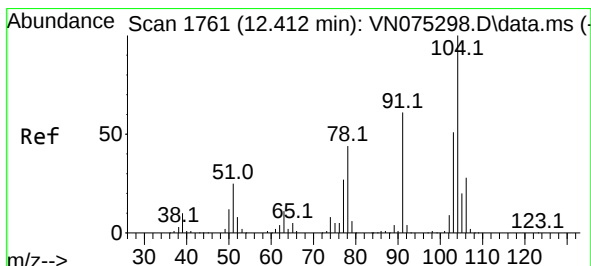
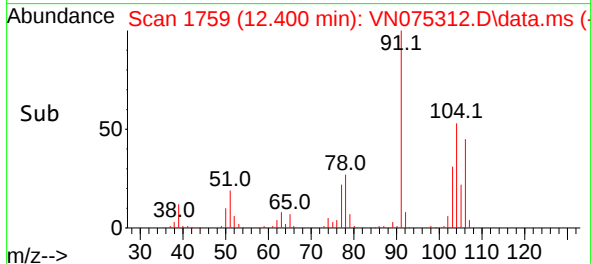
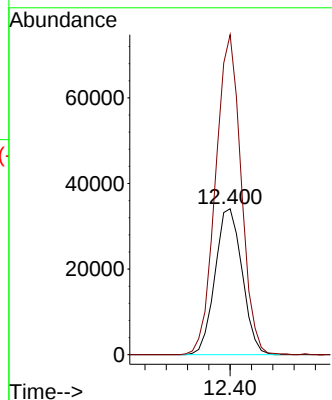
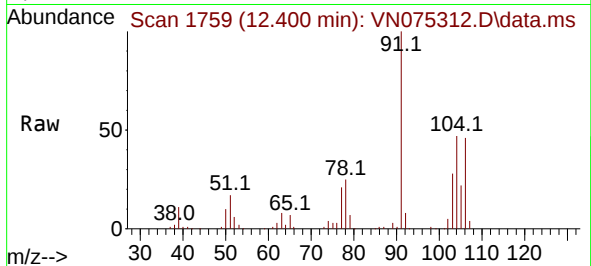
#69
o-Xylene
Concen: 21.069 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion:106 Resp: 6007
Ion Ratio Lower Upper
106 100
91 207.3 105.2 315.5

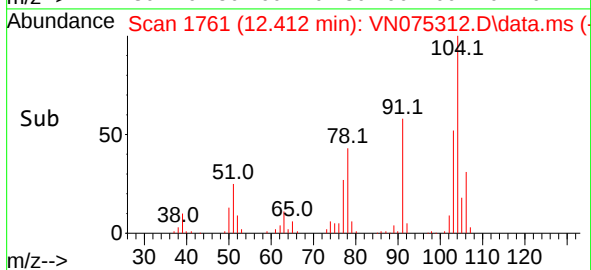
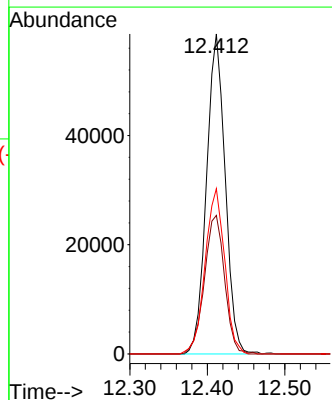
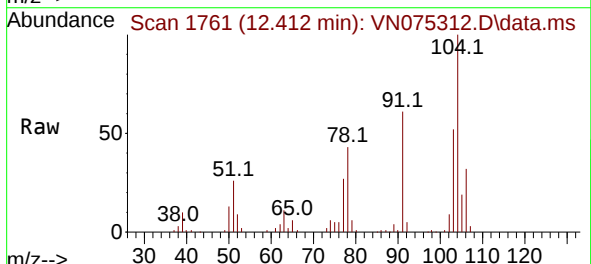
Manual Integrations
APPROVED

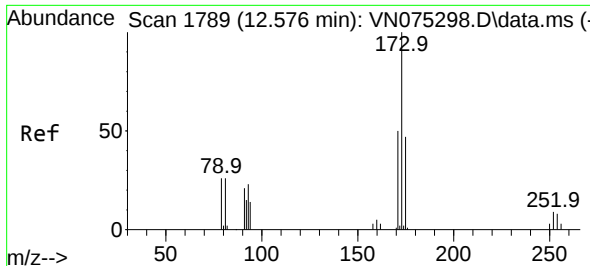
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#70
Styrene
Concen: 21.582 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

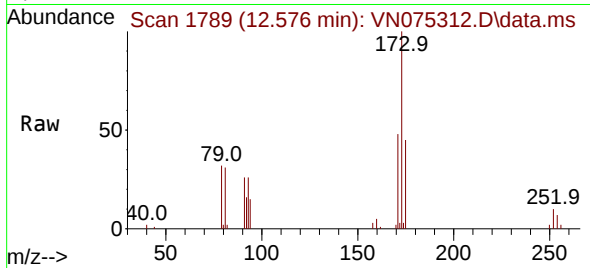
Tgt Ion:104 Resp: 98124
Ion Ratio Lower Upper
104 100
78 46.9 38.1 57.1
103 54.1 44.6 66.8





#71
Bromoform
Concen: 21.525 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

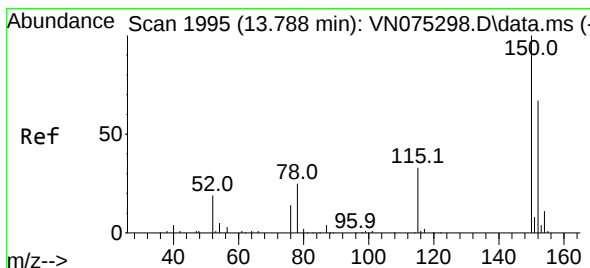
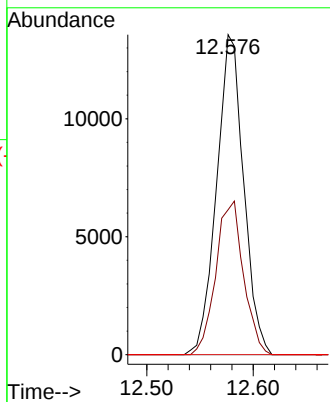
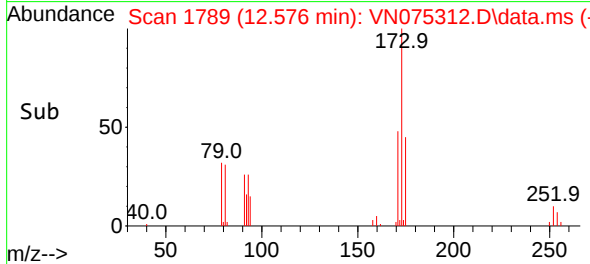
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



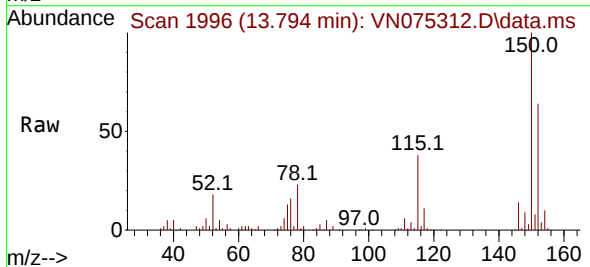
Tgt Ion:173 Resp: 2387
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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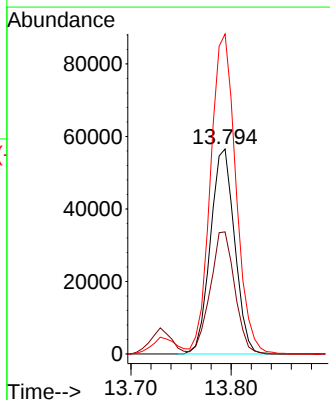
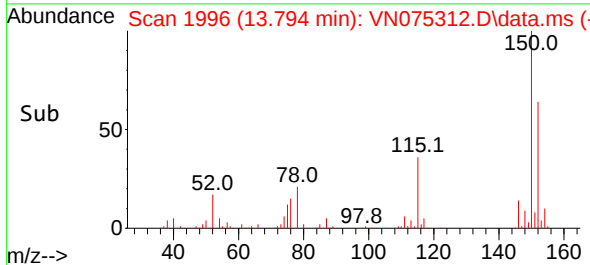
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

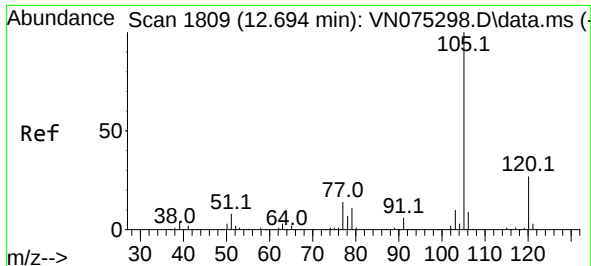


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06



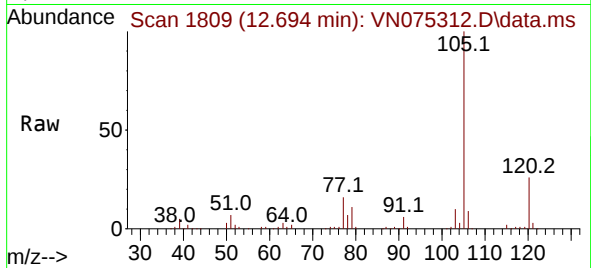
Tgt Ion:152 Resp: 94782
Ion Ratio Lower Upper
152 100
115 60.3 30.2 90.6
150 163.6 0.0 348.4





#73
Isopropylbenzene
Concen: 20.261 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

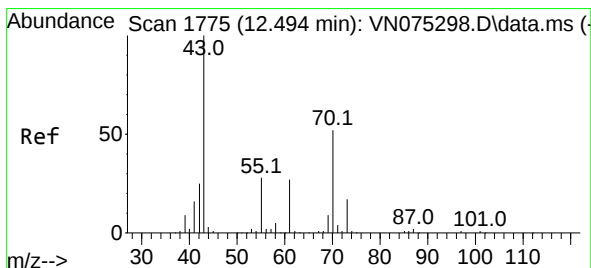
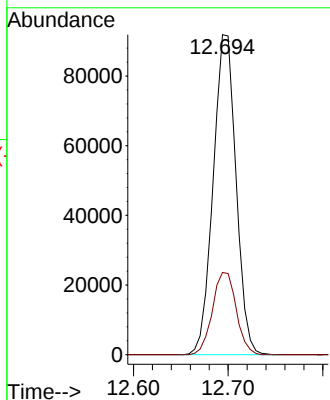
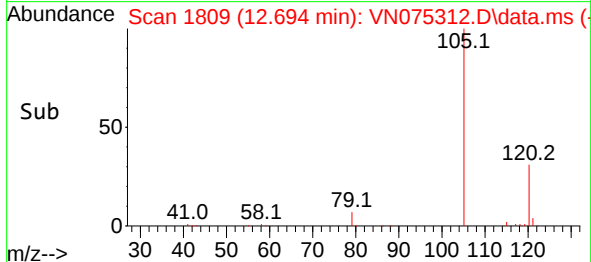
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



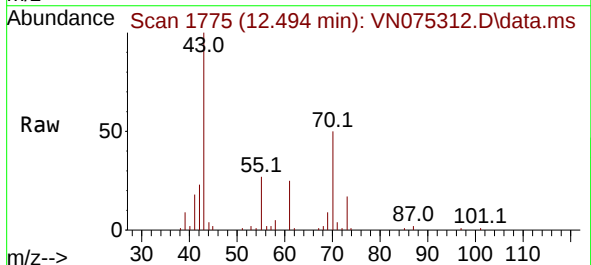
Tgt Ion:105 Resp: 154170
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

Manual Integrations
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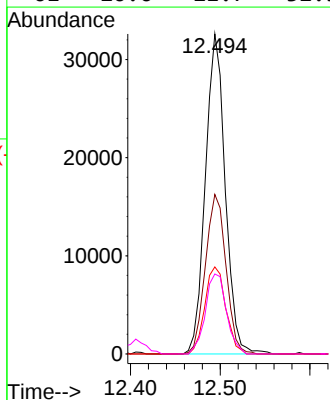
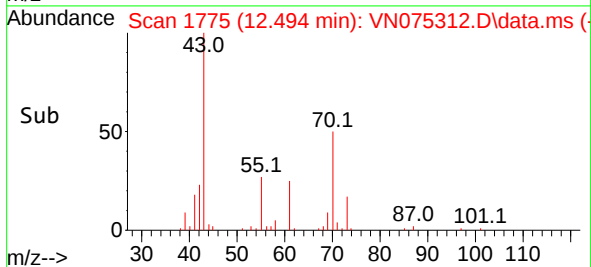
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

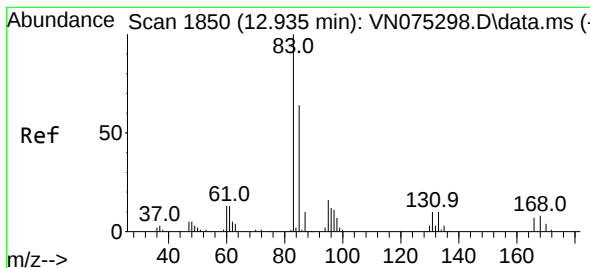


#74
N-ethyl acetate
Concen: 17.791 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06



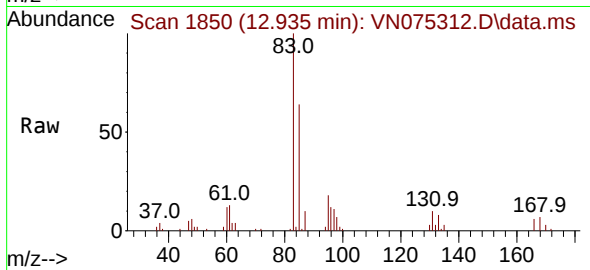
Tgt Ion: 43 Resp: 50069
Ion Ratio Lower Upper
43 100
70 51.6 39.8 59.8
55 28.7 19.9 29.9
61 26.6 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.393 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

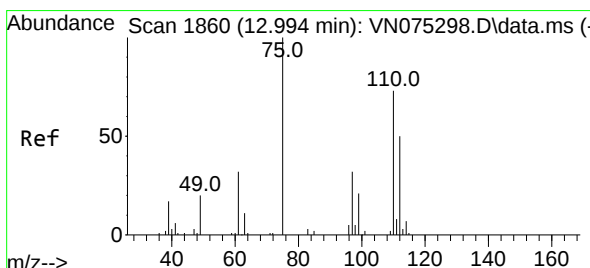
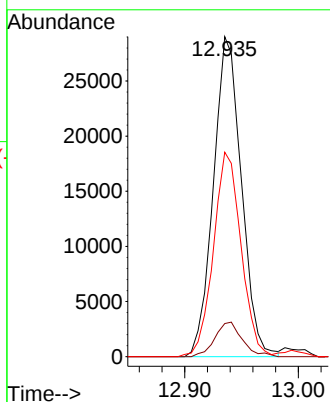
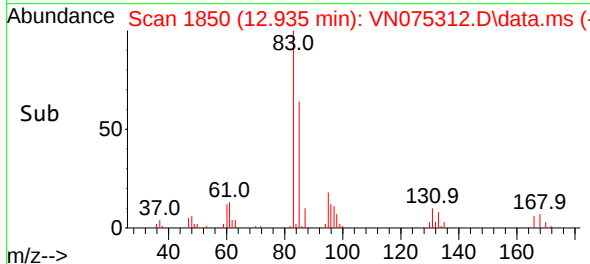
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



Tgt Ion: 83 Resp: 4972
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 63.0 31.6 94.7

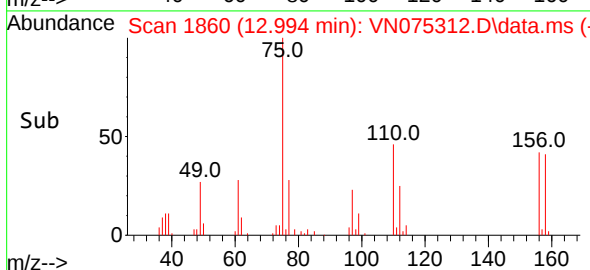
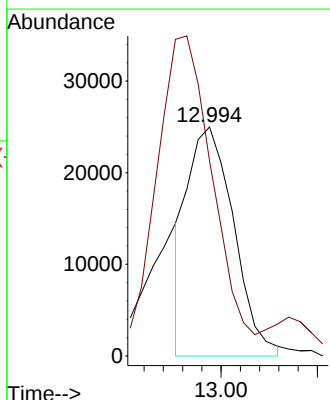
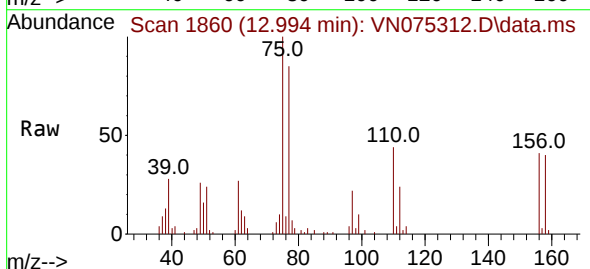
Manual Integrations
APPROVED

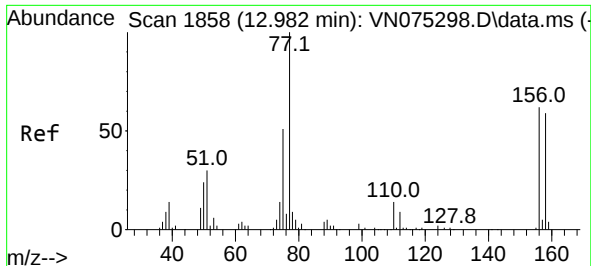
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#76
1,2,3-Trichloropropane
Concen: 20.678 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

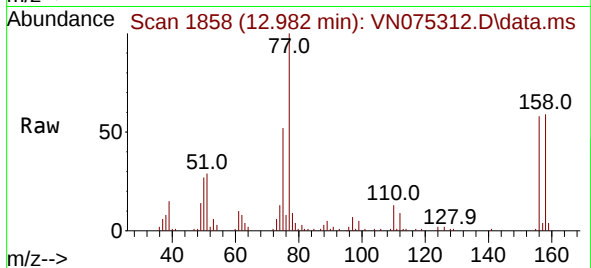
Tgt Ion: 75 Resp: 41614
Ion Ratio Lower Upper
75 100
77 172.1 75.6 226.8





#77
Bromobenzene
Concen: 21.648 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

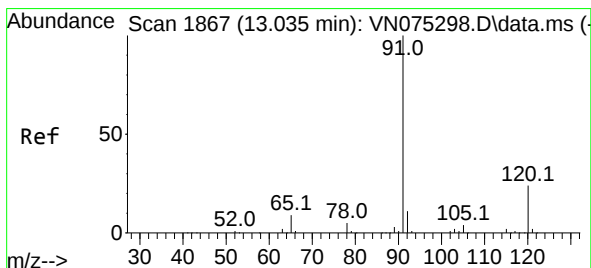
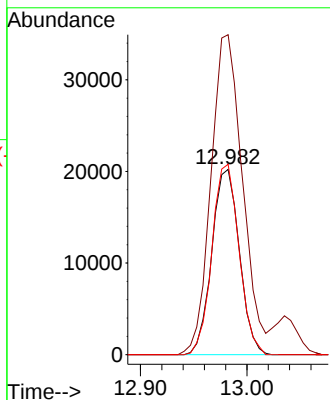
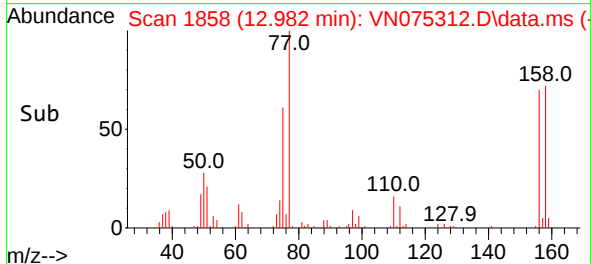
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



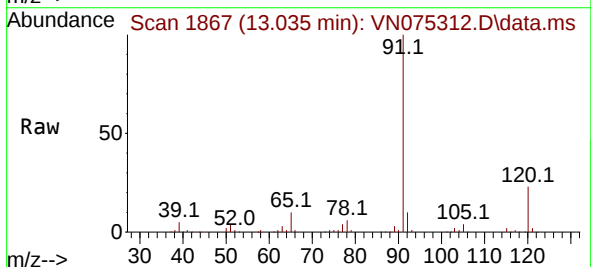
Tgt Ion:156 Resp: 3627
Ion Ratio Lower Upper
156 100
77 197.5 108.5 325.5
158 100.8 47.7 143.1

Manual Integrations
APPROVED

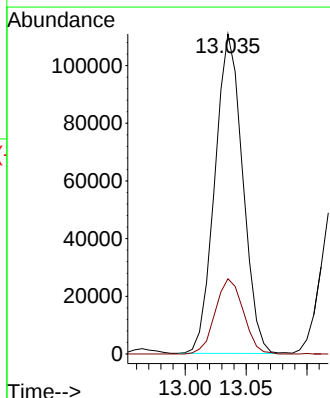
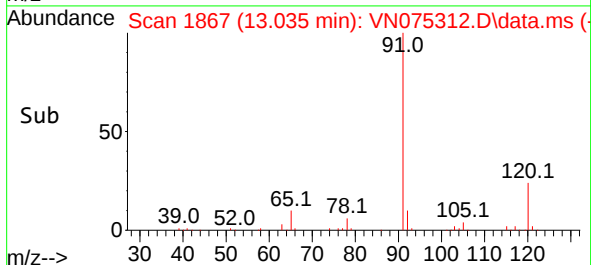
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

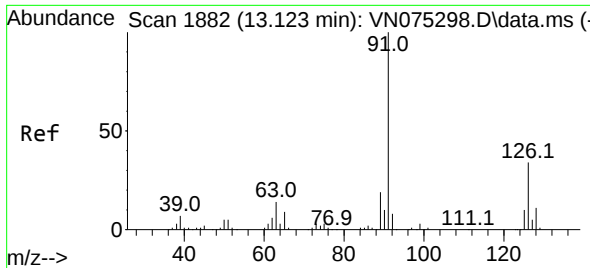


#78
n-propylbenzene
Concen: 20.642 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06



Tgt Ion: 91 Resp: 176344
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





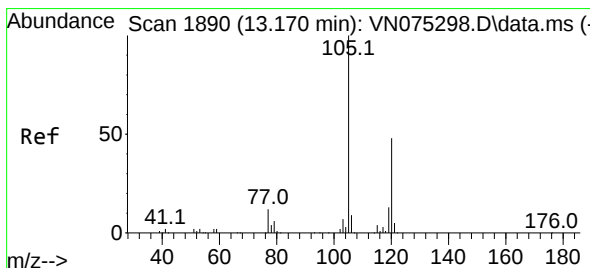
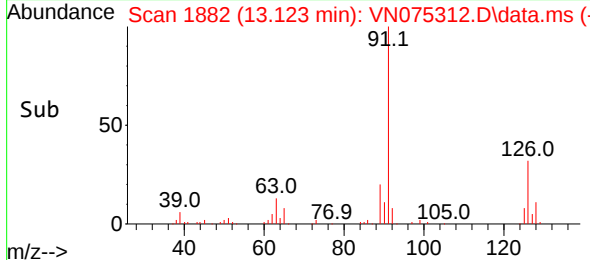
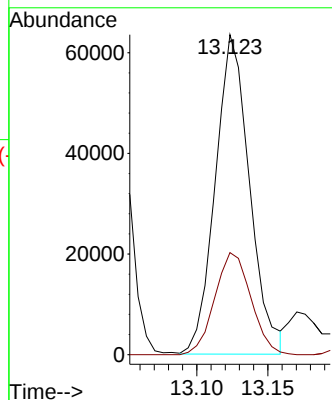
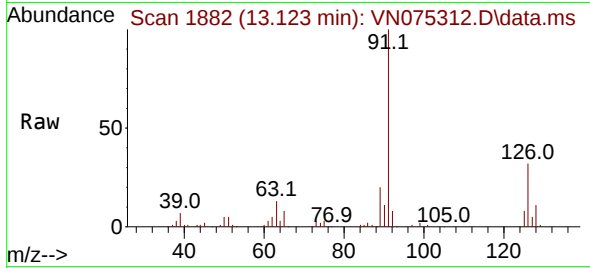
#79
2-Chlorotoluene
Concen: 20.411 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion: 91 Resp: 106550
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.7

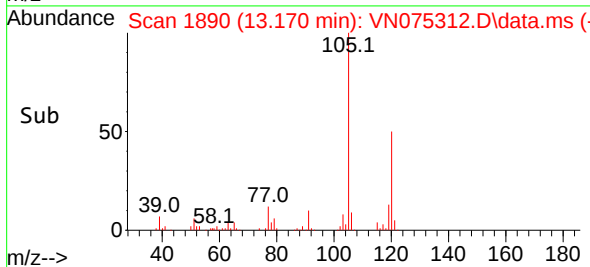
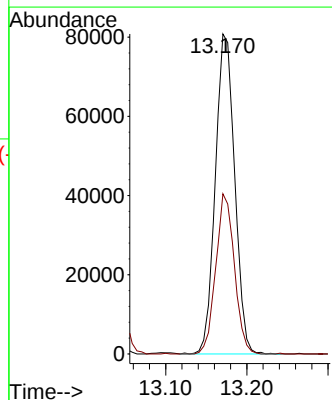
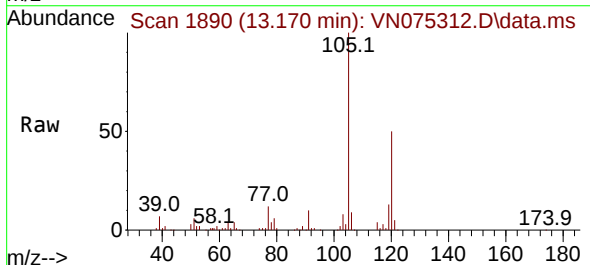
Manual Integrations
APPROVED

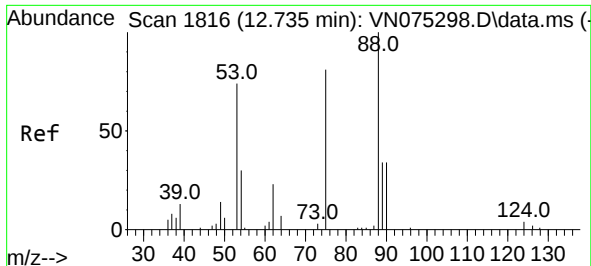
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.963 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

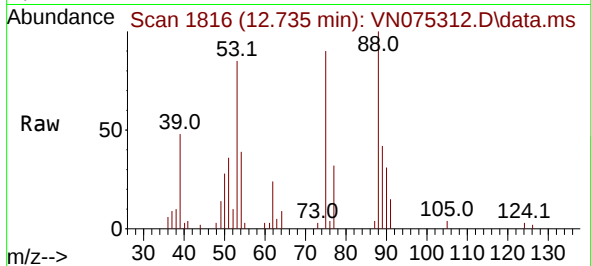
Tgt Ion:105 Resp: 133980
Ion Ratio Lower Upper
105 100
120 48.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.227 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

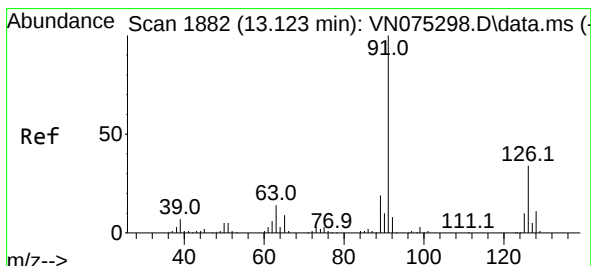
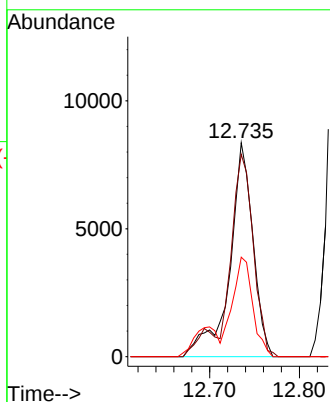
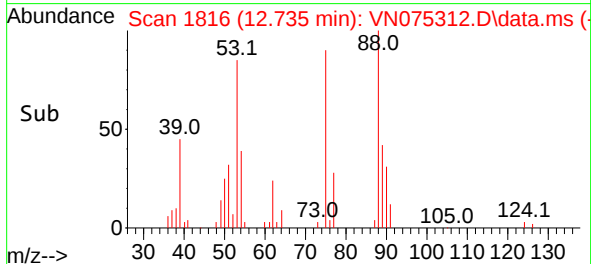
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



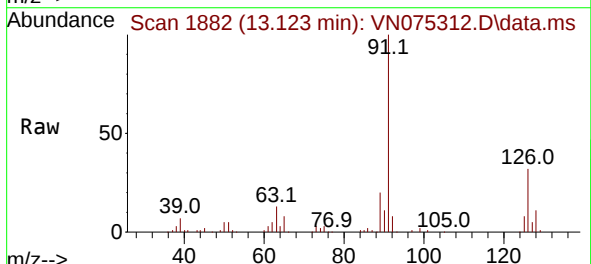
Tgt Ion: 75 Resp: 15074
Ion Ratio Lower Upper
75 100
53 86.6 78.5 117.7
89 40.8 37.7 56.5

Manual Integrations
APPROVED

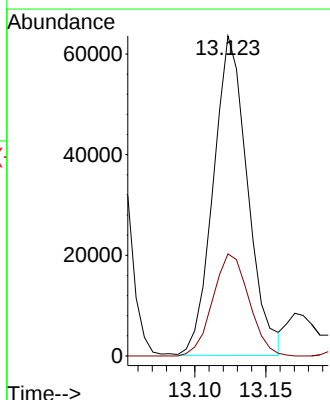
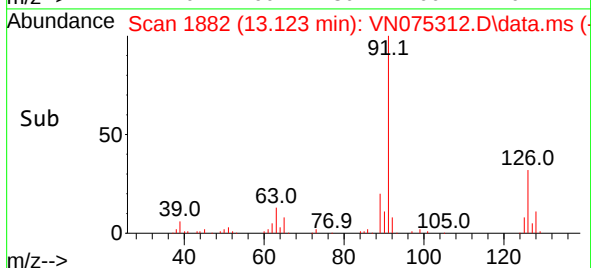
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

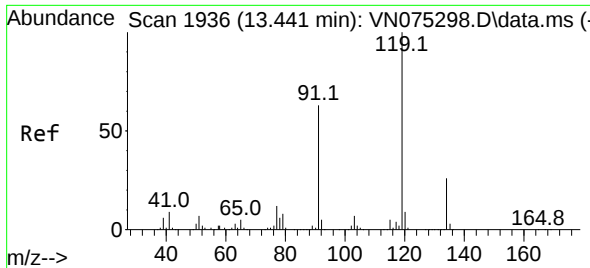


#82
4-Chlorotoluene
Concen: 20.411 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06



Tgt Ion: 91 Resp: 106556
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.7





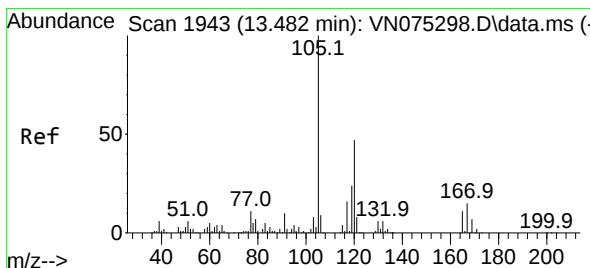
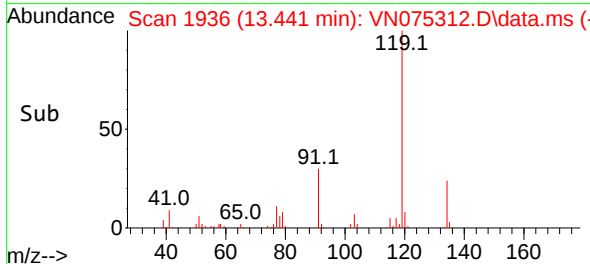
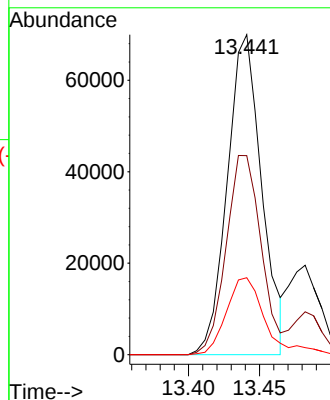
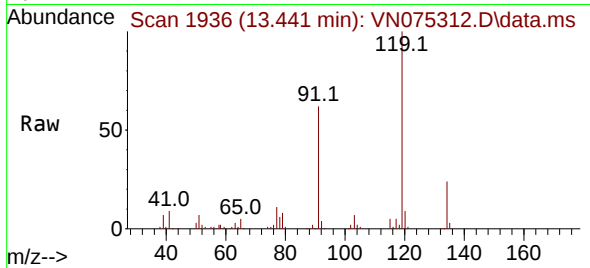
#83
tert-Butylbenzene
Concen: 20.792 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tgt Ion:119 Resp: 118079
Ion Ratio Lower Upper
119 100
91 63.1 32.8 98.4
134 27.1 12.3 36.9

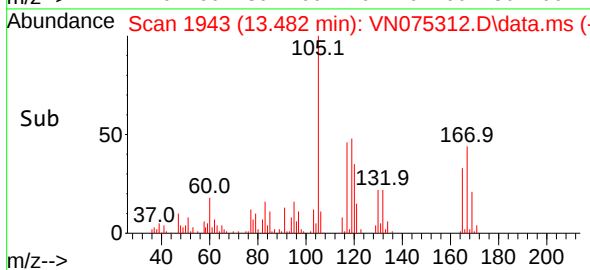
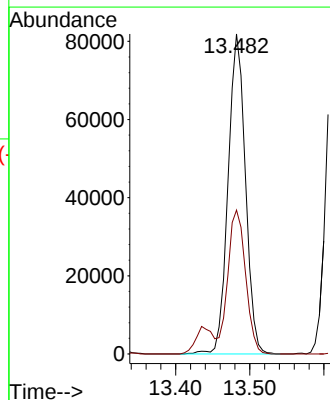
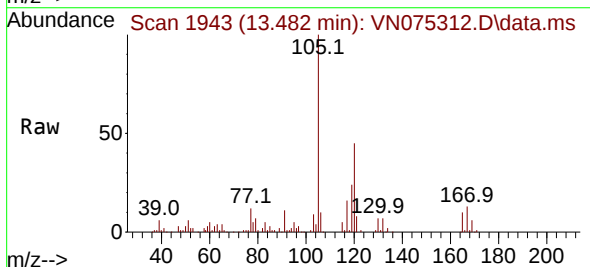
Manual Integrations
APPROVED

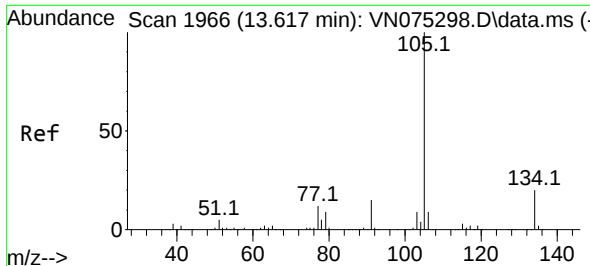
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.524 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

Tgt Ion:105 Resp: 132718
Ion Ratio Lower Upper
105 100
120 46.4 22.7 68.1





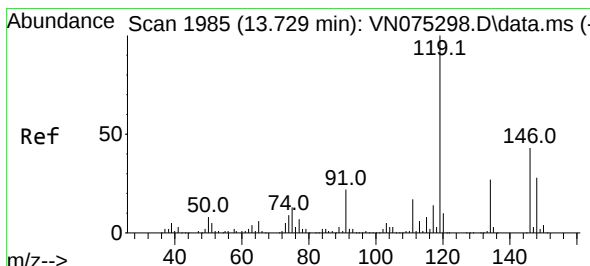
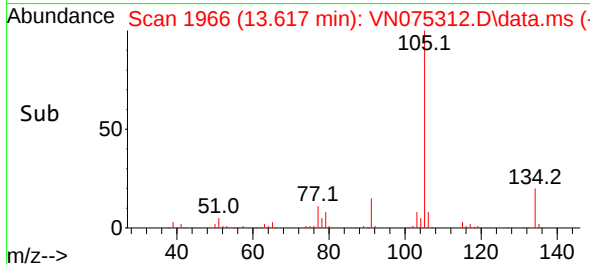
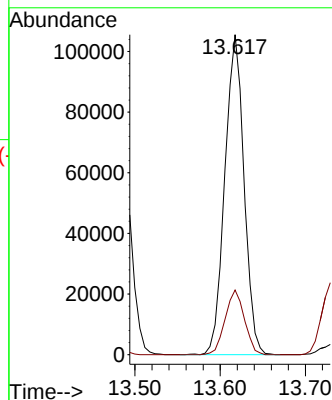
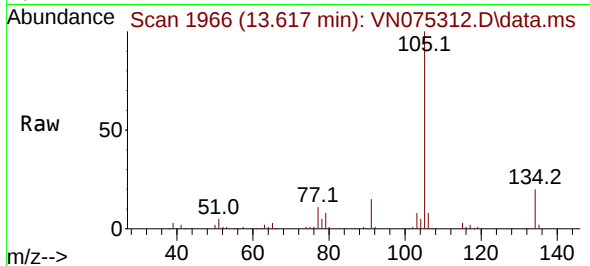
#85
 sec-Butylbenzene
 Concen: 20.801 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075312.D
 Acq: 18 Nov 2022 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Tgt Ion:105 Resp: 16525
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

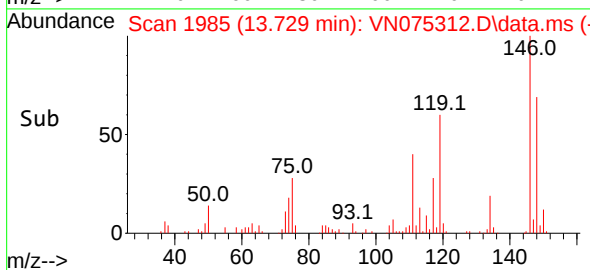
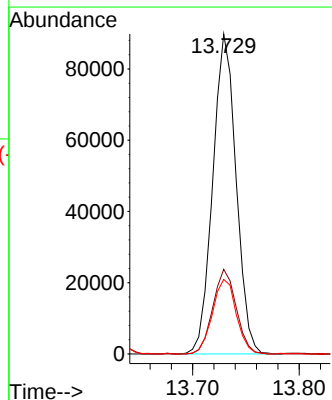
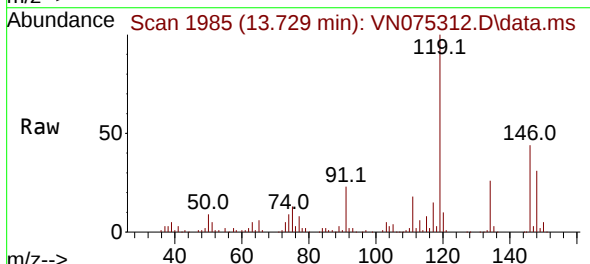
Manual Integrations
 APPROVED

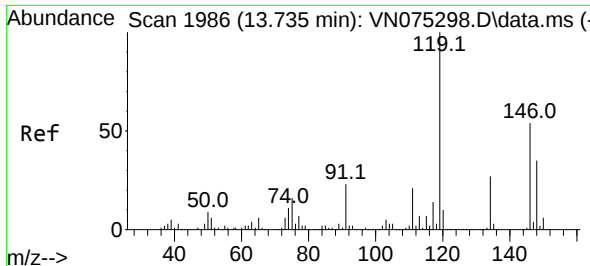
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022



#86
 p-Isopropyltoluene
 Concen: 20.799 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075312.D
 Acq: 18 Nov 2022 15:06

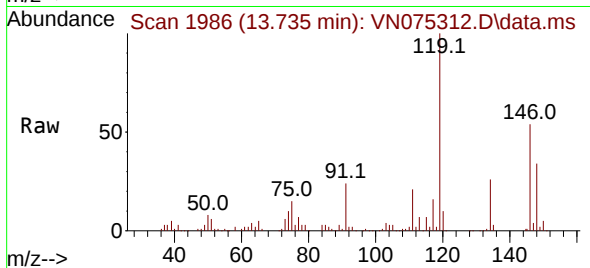
Tgt Ion:119 Resp: 136463
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 23.8 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 21.822 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075312.D
 Acq: 18 Nov 2022 15:06

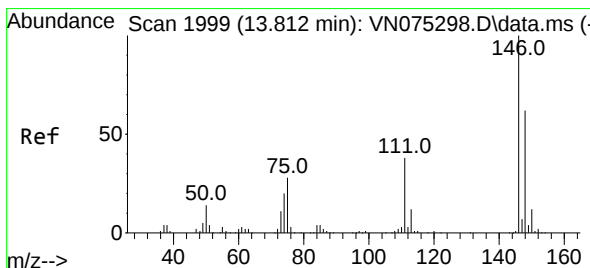
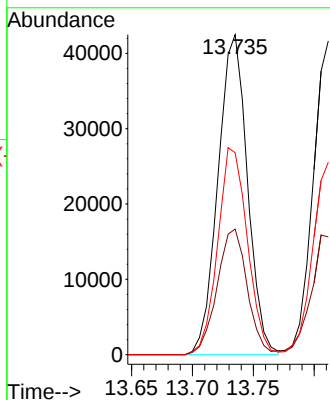
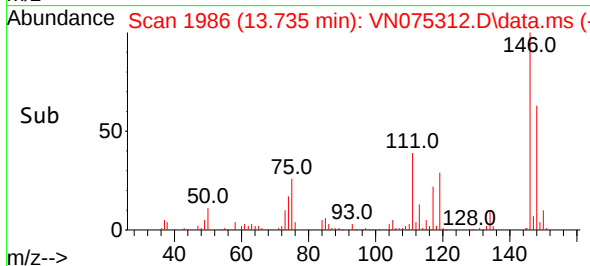
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01



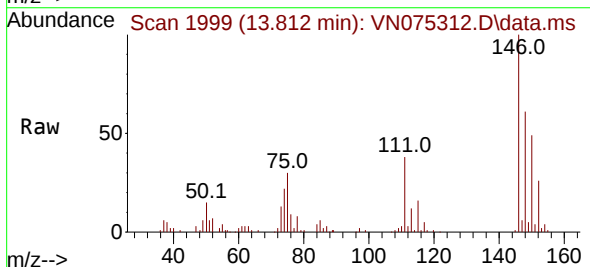
Tgt Ion:146 Resp: 71588
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.8 62.5
 148 65.2 31.1 93.5

Manual Integrations
 APPROVED

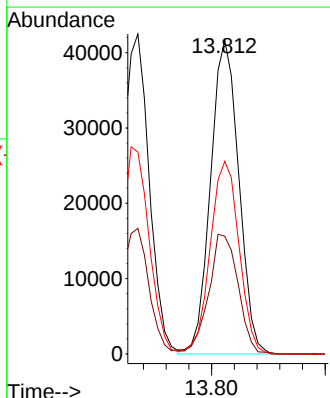
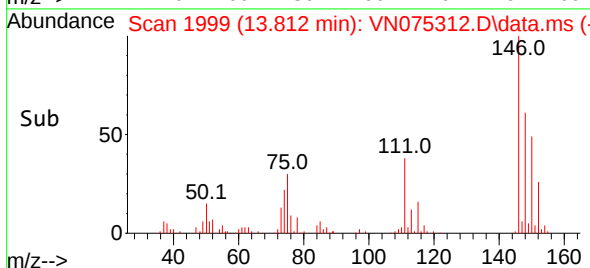
Reviewed By :John Carlone 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

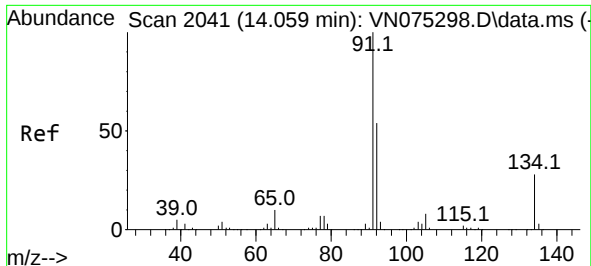


#88
 1,4-Dichlorobenzene
 Concen: 22.130 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075312.D
 Acq: 18 Nov 2022 15:06



Tgt Ion:146 Resp: 71847
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.1 60.3
 148 62.7 31.9 95.7





#89

n-Butylbenzene

Concen: 21.323 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 91 Resp: 112660

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.4

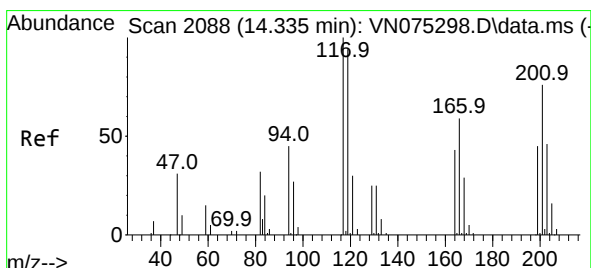
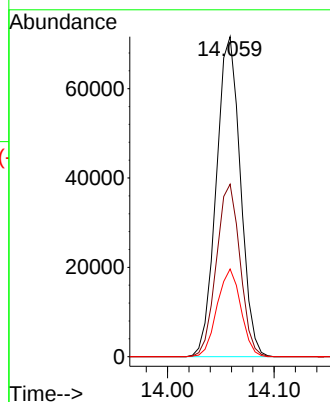
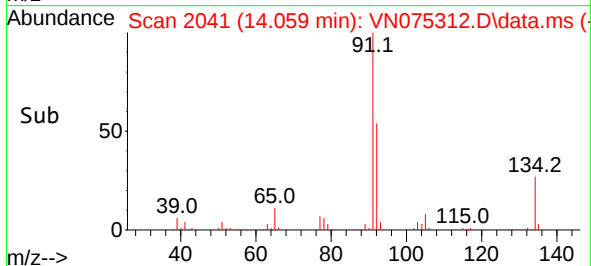
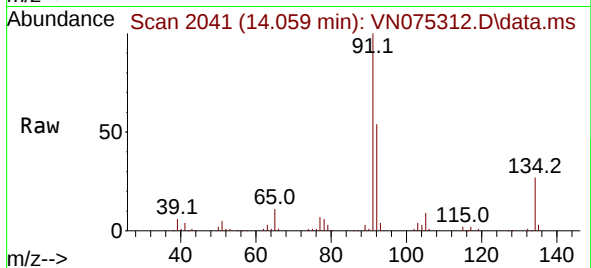
134 26.9 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#90

Hexachloroethane

Concen: 18.377 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075312.D

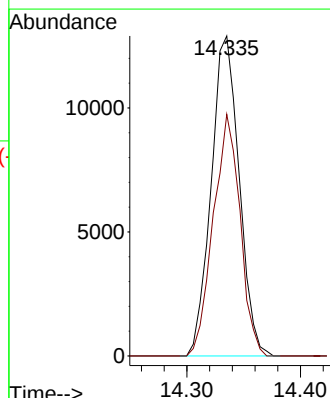
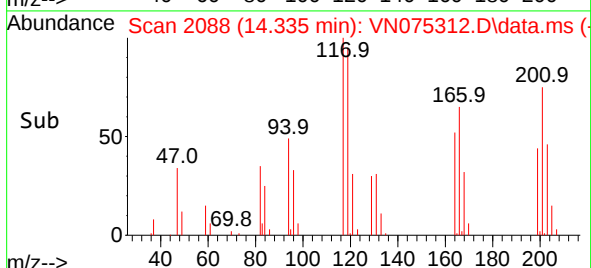
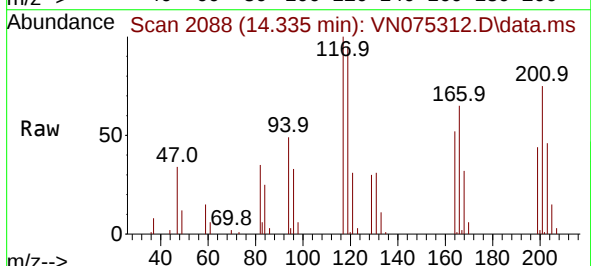
Acq: 18 Nov 2022 15:06

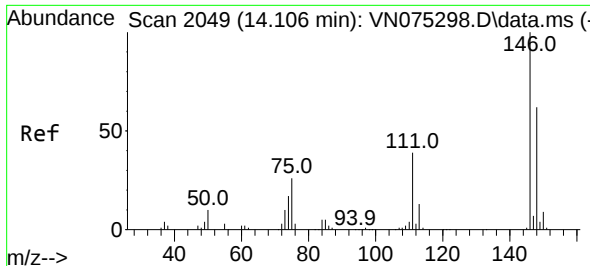
Tgt Ion:117 Resp: 22107

Ion Ratio Lower Upper

117 100

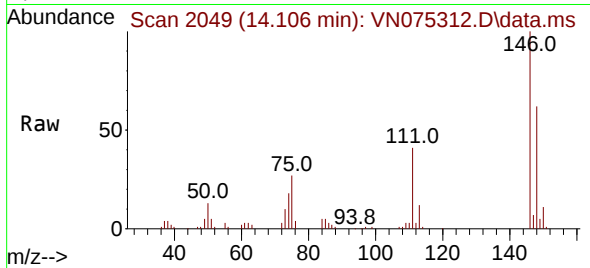
201 72.2 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 22.111 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

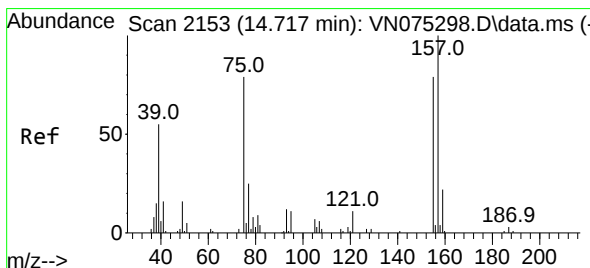
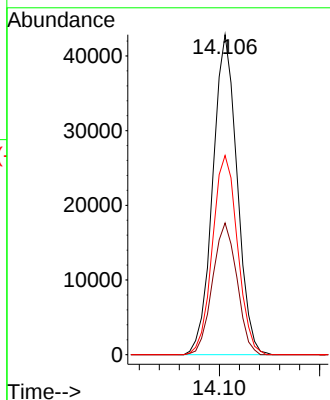
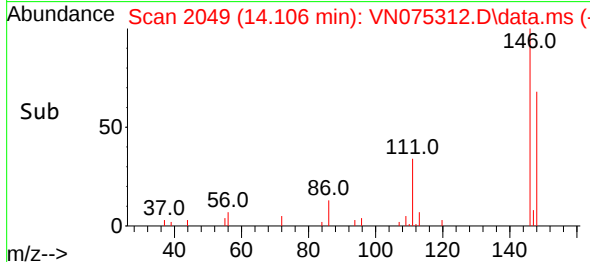
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



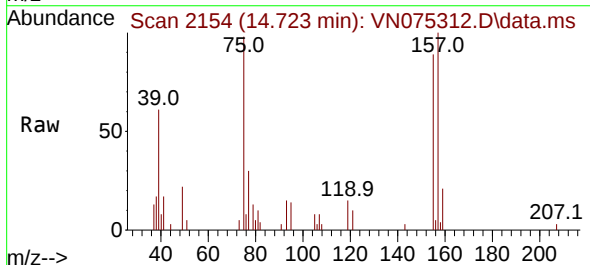
Tgt Ion:146 Resp: 7211
Ion Ratio Lower Upper
146 100
111 41.3 21.3 63.9
148 64.2 31.4 94.2

Manual Integrations
APPROVED

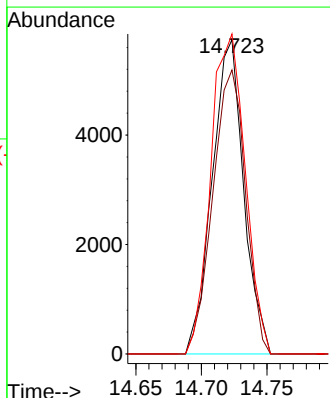
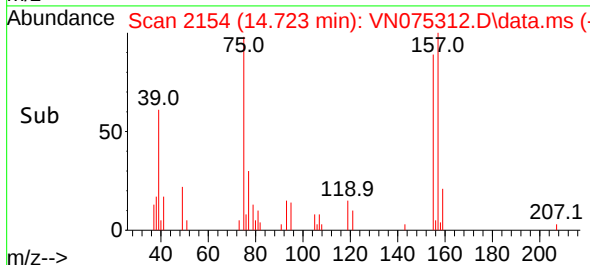
Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022

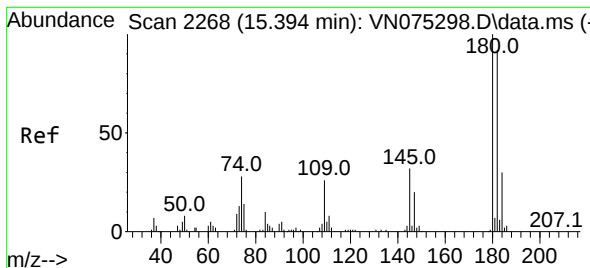


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.676 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06



Tgt Ion: 75 Resp: 9586
Ion Ratio Lower Upper
75 100
155 94.2 42.1 126.3
157 111.1 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 25.675 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

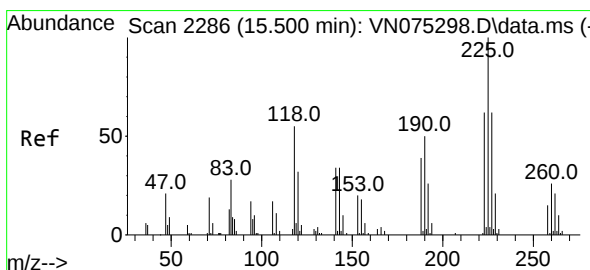
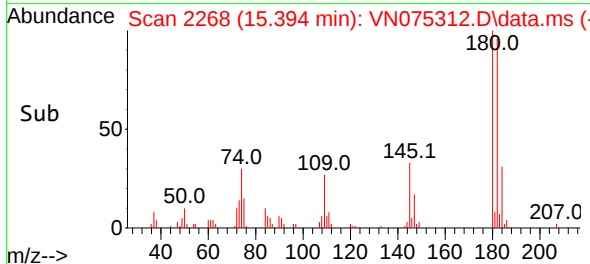
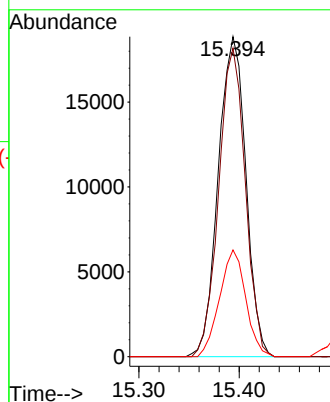
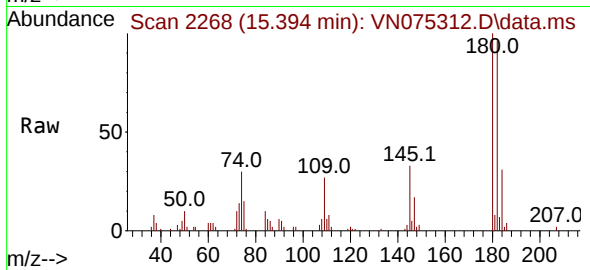
Tgt Ion:	180	Resp:	3603
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.8	143.4
145	31.6	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2022

Supervised By :Mahesh Dadoda 11/21/2022



#94

Hexachlorobutadiene

Concen: 25.835 ug/l

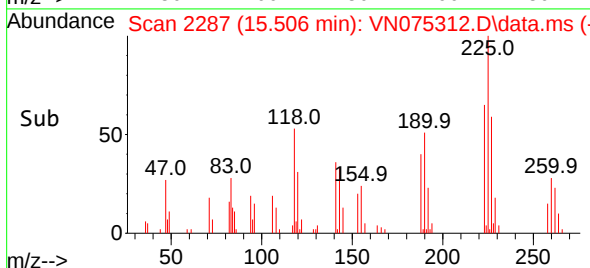
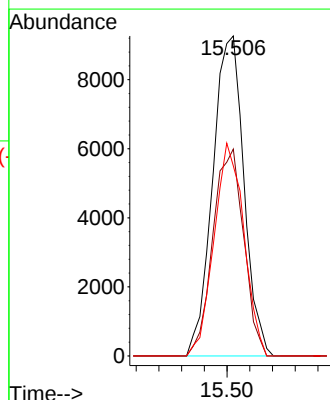
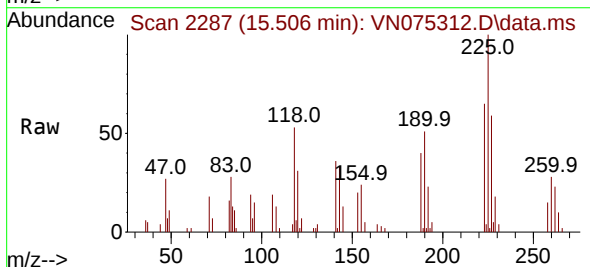
RT: 15.506 min Scan# 2287

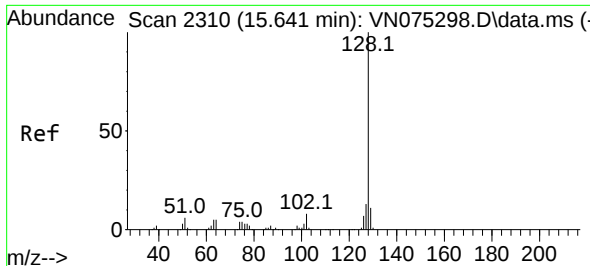
Delta R.T. 0.006 min

Lab File: VN075312.D

Acq: 18 Nov 2022 15:06

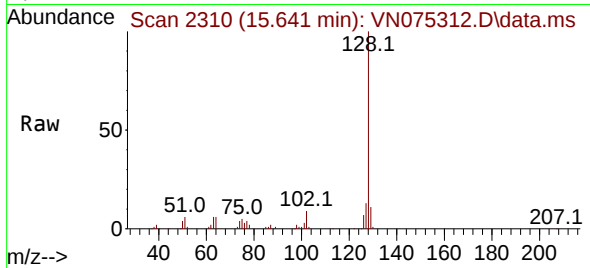
Tgt Ion:	225	Resp:	17675
Ion Ratio	Lower	Upper	
225	100		
223	63.6	32.3	96.9
227	63.5	32.0	96.2





#95
Naphthalene
Concen: 21.331 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06

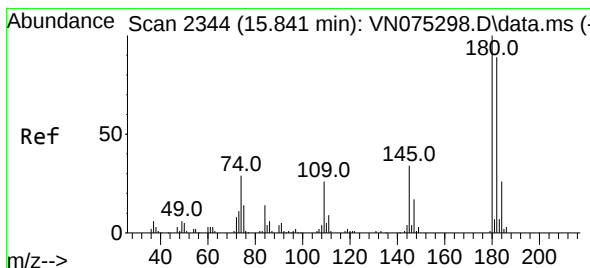
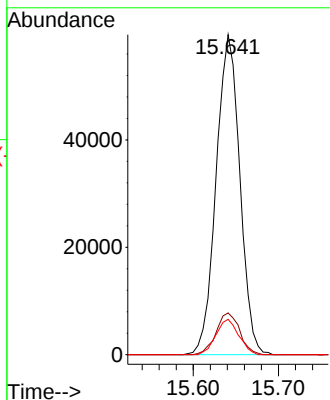
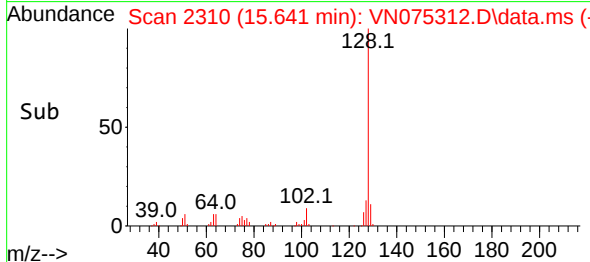
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01



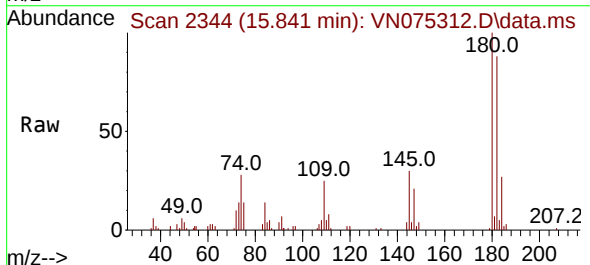
Tgt Ion:128 Resp: 11512
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 24.620 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075312.D
Acq: 18 Nov 2022 15:06



Tgt Ion:180 Resp: 34330
Ion Ratio Lower Upper
180 100
182 93.7 47.3 141.8
145 33.8 17.6 52.9

