

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102822\
 Data File : VN075074.D
 Acq On : 28 Oct 2022 20:36
 Operator : JC\MD
 Sample : VN1028WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 31 02:56:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	13870	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	70392	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	64347	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	42243	33.309	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.033%#			
60) 4-Bromofluorobenzene	12.853	95	36038	28.504	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.000%			
63) Toluene-d8	10.571	98	109260	30.359	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	8019	11.876	ug/l	96
3) Chloromethane	2.371	50	17911	20.166	ug/l	95
4) Vinyl Chloride	2.524	62	21813	16.242	ug/l	94
5) Bromomethane	2.924	94	23505	22.137	ug/l	92
6) Chloroethane	3.112	64	18809	18.157	ug/l	99
7) Trichlorofluoromethane	3.495	101	21445	14.838	ug/l	95
8) Diethyl Ether	3.977	74	13001	21.878	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.383	101	12059	14.234	ug/l #	59
10) 1,1-Dichloroethene	4.348	96	13296	16.732	ug/l	93
11) Methyl Iodide	4.595	142	25316	20.421	ug/l	93
12) Methyl Acetate	5.042	43	31941	23.728	ug/l	99
13) Acrolein	4.189	56	19568	118.684	ug/l	98
14) Acrylonitrile	5.736	53	62601	112.563	ug/l	99
15) Acetone	4.448	58	17649	113.587	ug/l	77
16) Carbon Disulfide	4.712	76	26799	15.319	ug/l #	89
17) Allyl chloride	5.036	41	21046	19.766	ug/l	96
18) Methylene Chloride	5.283	84	22718	22.820	ug/l #	88
19) trans-1,2-Dichloroethene	5.789	96	16156	18.288	ug/l	87
20) Diisopropyl ether	6.689	45	59154	21.405	ug/l	91
21) 1,1-Dichloroethane	6.577	63	35174	20.493	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	20845	18.674	ug/l	97
23) tert-Butyl Alcohol	5.536	59	29033m	112.773	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	72235	22.226	ug/l	92
25) Chloroform	7.971	83	38031	20.056	ug/l	95
26) Cyclohexane	8.259	56	17370	12.598	ug/l #	55
29) 1,1-Dichloropropene	8.371	75	18322	15.174	ug/l	98
30) 2-Butanone	7.494	43	85063	122.211	ug/l	97
31) 2,2-Dichloropropane	7.500	77	22906	15.531	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	28469	18.205	ug/l	98
33) Carbon Tetrachloride	8.365	117	21438	15.570	ug/l	98
34) Benzene	8.612	78	75737	20.518	ug/l	98
35) Methacrylonitrile	7.789	41	15970	23.939	ug/l	93
36) 1,2-Dichloroethane	8.677	62	32789	23.973	ug/l	96
37) Trichloroethene	9.353	130	16756	18.267	ug/l	95
38) Methylcyclohexane	9.600	83	18691	12.485	ug/l	95
39) 1,2-Dichloropropane	9.624	63	21554	23.195	ug/l	97
40) Dibromomethane	9.712	93	16156	22.916	ug/l	97
41) Bromodichloromethane	9.888	83	30915	22.523	ug/l	95
42) Vinyl Acetate	6.612	43	260071m	132.652	ug/l	

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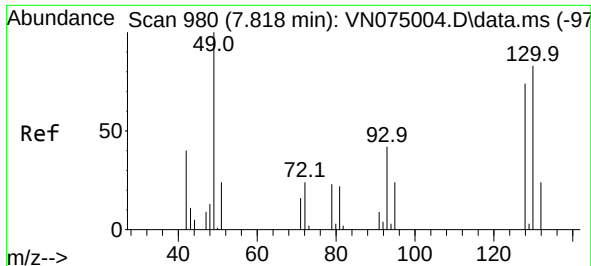
Manual Integrations
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Reviewed By : John Carlone 10/31/2022
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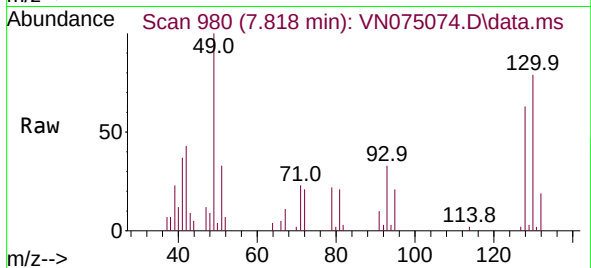
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	31818	23.131	ug/l	98
44) Isopropyl Acetate	8.694	43	53168	24.096	ug/l	97
45) 1,4-Dioxane	9.700	88	12394	456.361	ug/l	98
46) Methyl methacrylate	9.688	41	23171	23.409	ug/l	94
47) n-amyl Acetate	12.494	43	43441	22.918	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	30811	20.548	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	31562	20.026	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	23533	22.784	ug/l	97
51) Ethyl methacrylate	10.877	69	35121	21.824	ug/l	93
52) 1,3-Dichloropropane	11.165	76	38952	22.549	ug/l	98
53) Dibromochloromethane	11.359	129	23321	20.876	ug/l	99
54) 1,2-Dibromoethane	11.471	107	22396	20.959	ug/l	93
55) 2-Chloroethyl vinyl ether	10.165	63	82765	125.884	ug/l	99
56) Bromoform	12.582	173	15404	18.781	ug/l #	98
58) 4-Methyl-2-Pentanone	10.447	43	173060	124.687	ug/l	95
59) 2-Hexanone	11.200	43	134260	126.097	ug/l	94
61) Tetrachloroethene	11.106	164	12169	17.005	ug/l	89
62) Toluene	10.635	91	80683	19.367	ug/l	97
64) Chlorobenzene	11.894	112	50614	19.605	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.959	131	21373	21.671	ug/l	97
66) Ethyl Benzene	11.965	91	80385	17.120	ug/l	96
67) m/p-Xylenes	12.071	106	63288	33.609	ug/l	96
68) o-Xylene	12.400	106	34813	18.392	ug/l	93
69) Styrene	12.412	104	55859	18.046	ug/l	97
70) Isopropylbenzene	12.694	105	77041	15.622	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	38290	23.835	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	33030m	22.642	ug/l	
73) Bromobenzene	12.982	156	20756	18.908	ug/l	89
74) n-propylbenzene	13.035	91	84689	15.335	ug/l	99
75) 2-Chlorotoluene	13.123	91	58172	17.308	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	67342	16.119	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	9771	19.176	ug/l	94
78) 4-Chlorotoluene	13.223	91	54523	16.702	ug/l	97
79) tert-butylbenzene	13.441	119	56676	15.194	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	69433	16.338	ug/l #	81
81) sec-Butylbenzene	13.618	105	73674	14.049	ug/l	98
82) p-Isopropyltoluene	13.729	119	59323	13.410	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	35361	16.289	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	33983	16.226	ug/l	98
85) n-Butylbenzene	14.059	91	46474	13.097	ug/l	97
86) Hexachloroethane	14.335	117	11607	14.158	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	38249	17.813	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	7456	22.081	ug/l	98
89) 1,2,4-Trichlorobenzene	15.394	180	15113	15.935	ug/l	98
90) Hexachlorobutadiene	15.500	225	5966	13.678	ug/l	94
91) Naphthalene	15.641	128	67961	18.081	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	16874	17.576	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

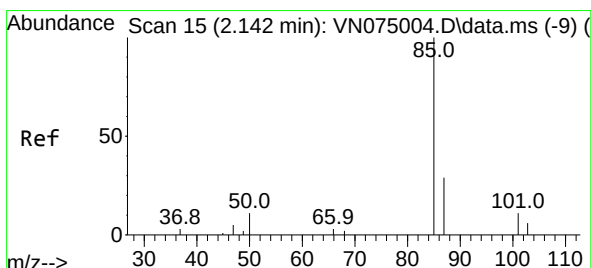
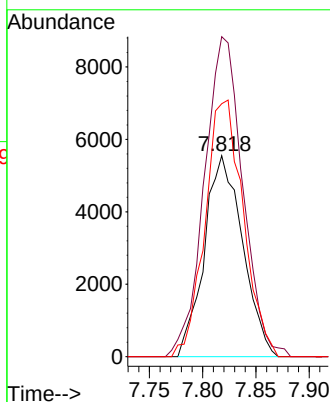
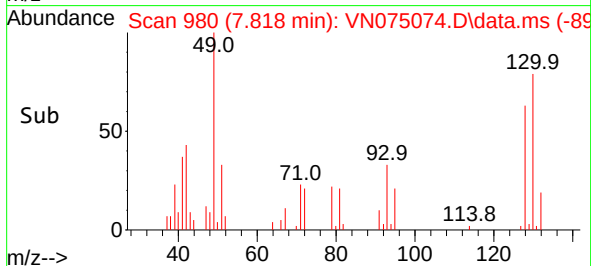
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



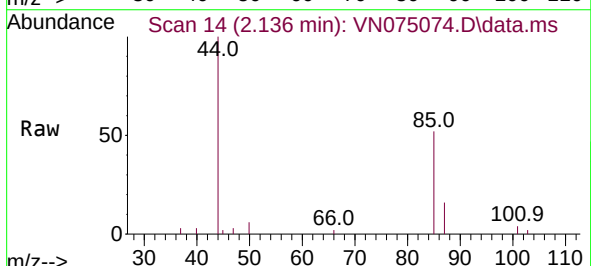
Tgt Ion:128 Resp: 13870
Ion Ratio Lower Upper
128 100
49 159.3 0.0 392.3
130 127.4 0.0 320.2

Manual Integrations
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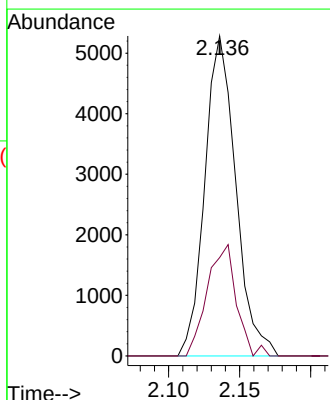
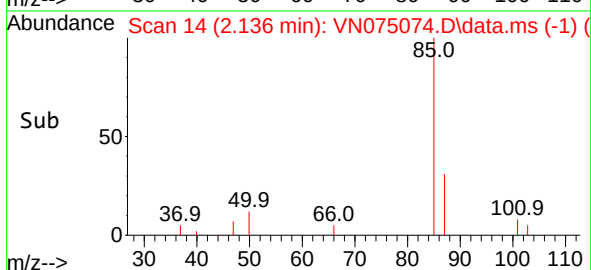
Reviewed By :John Carlone 10/31/2022
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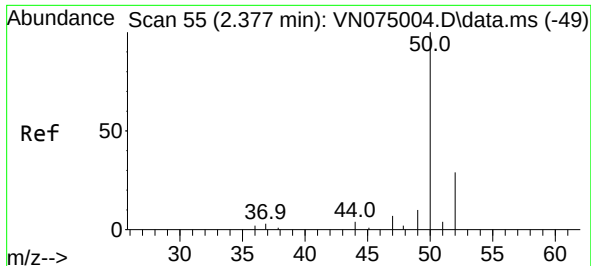


#2
Dichlorodifluoromethane
Concen: 11.876 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



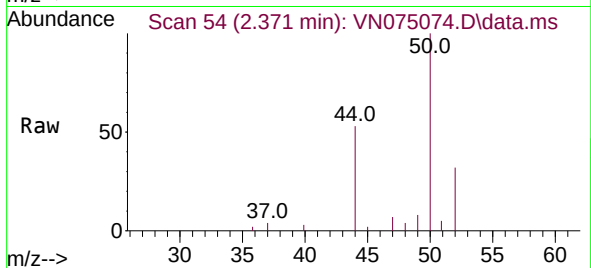
Tgt Ion: 85 Resp: 8019
Ion Ratio Lower Upper
85 100
87 30.8 16.6 49.7





#3
Chloromethane
Concen: 20.166 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

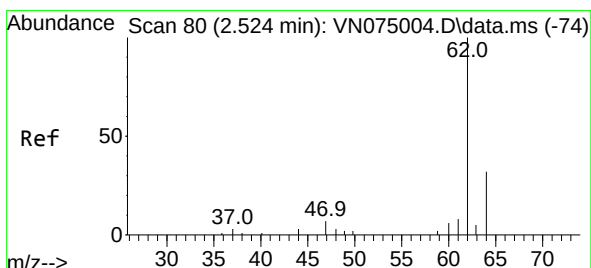
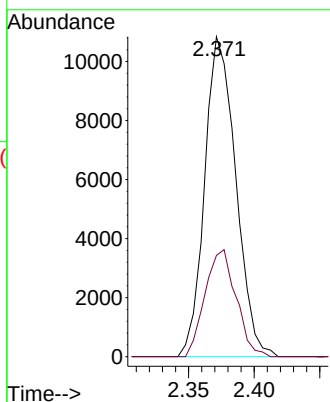
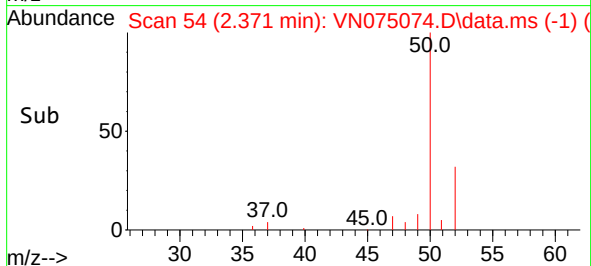
Instrument :
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VN1028WBSD01



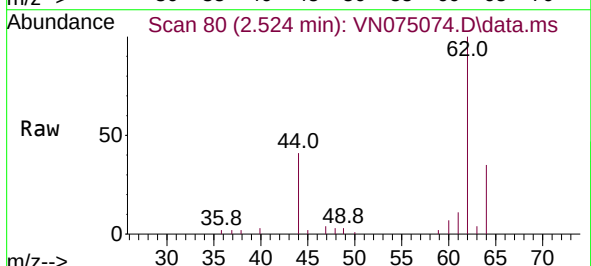
Tgt Ion: 50 Resp: 1791
Ion Ratio Lower Upper
50 100
52 31.7 27.8 41.6

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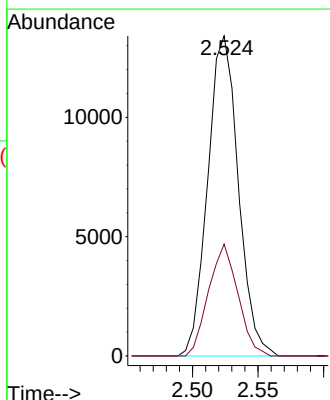
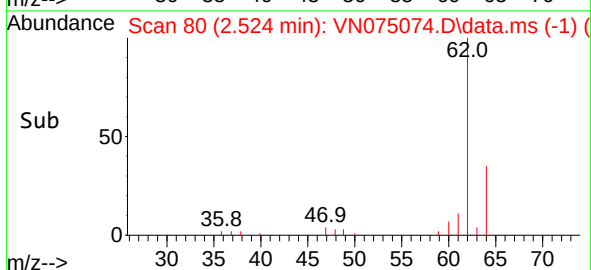
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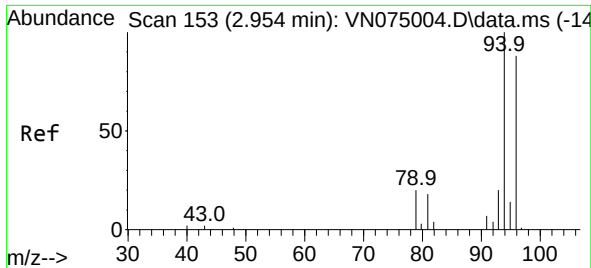


#4
Vinyl Chloride
Concen: 16.242 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



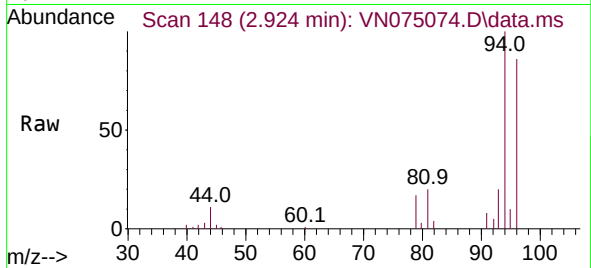
Tgt Ion: 62 Resp: 21813
Ion Ratio Lower Upper
62 100
64 34.9 25.1 37.7





#5
Bromomethane
Concen: 22.137 ug/l
RT: 2.924 min Scan# 14
Delta R.T. -0.029 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

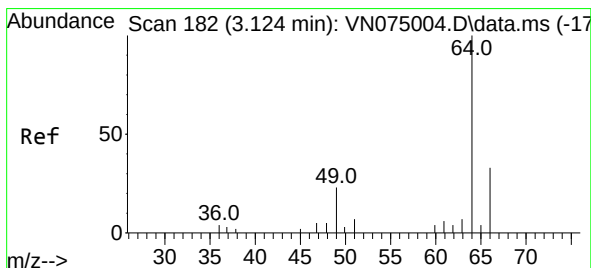
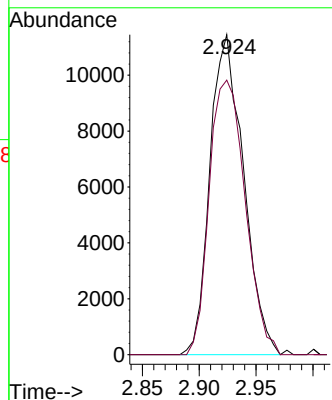
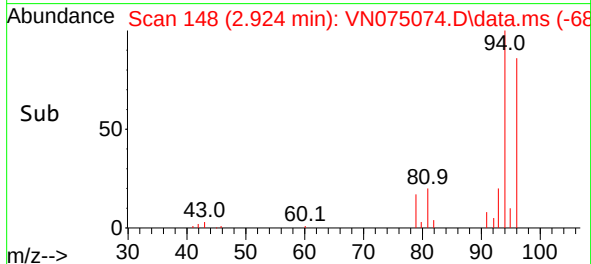
Instrument :
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ClientSampleId :
VN1028WBSD01



Tgt Ion: 94 Resp: 2350
Ion Ratio Lower Upper
94 100
96 85.8 75.2 112.8

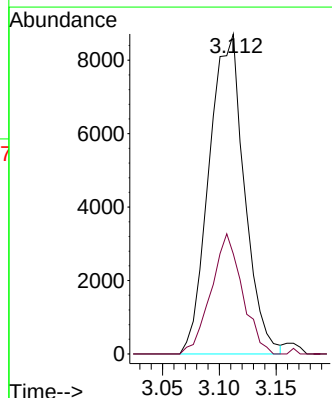
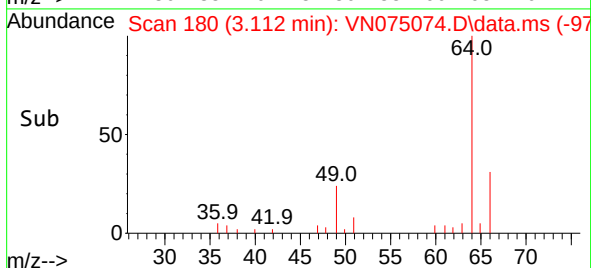
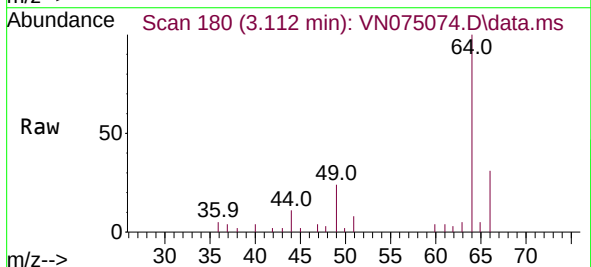
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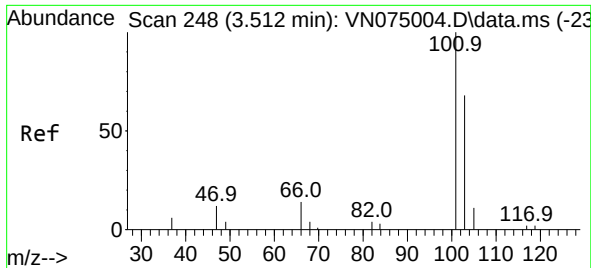
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#6
Chloroethane
Concen: 18.157 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.012 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 64 Resp: 18809
Ion Ratio Lower Upper
64 100
66 31.2 24.6 36.8





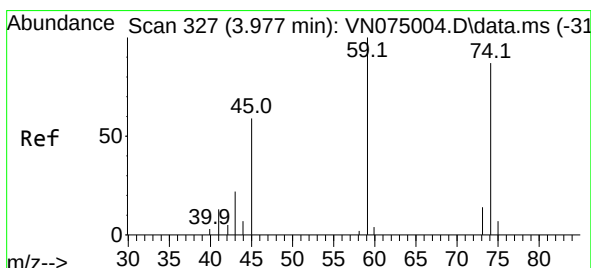
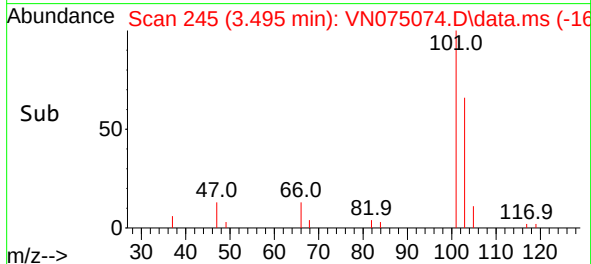
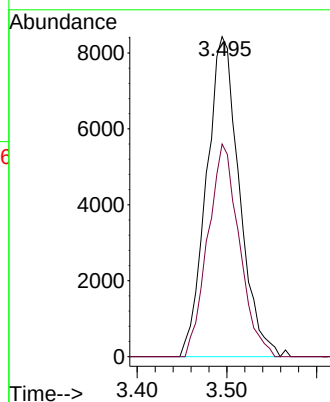
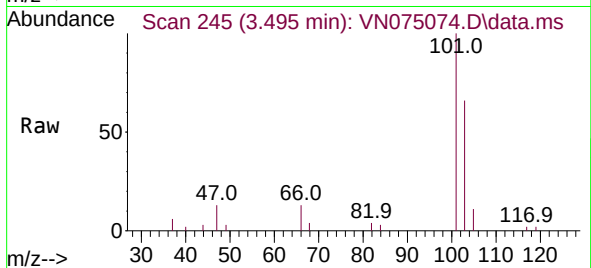
#7
 Trichlorofluoromethane
 Concen: 14.838 ug/l
 RT: 3.495 min Scan# 248
 Delta R.T. -0.018 min
 Lab File: VN075074.D
 Acq: 28 Oct 2022 20:36

Instrument :
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Tgt Ion:101 Resp: 2144
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.1 75.1

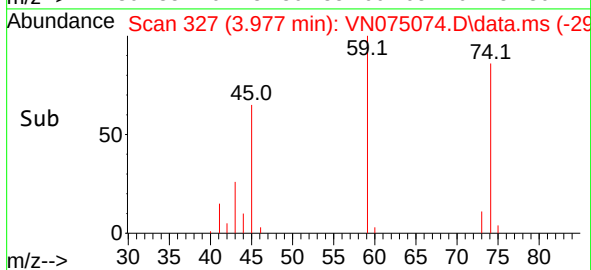
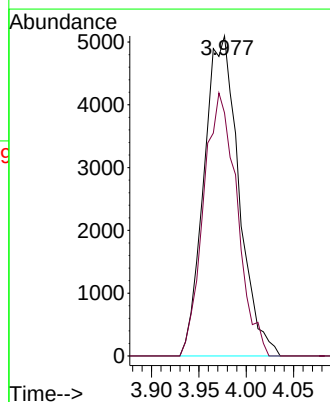
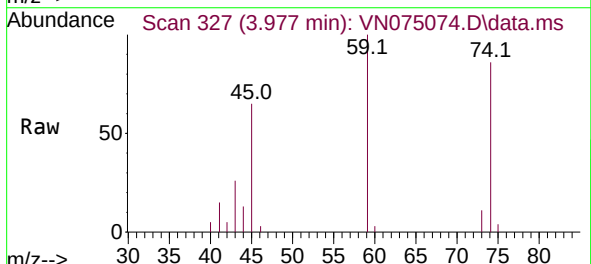
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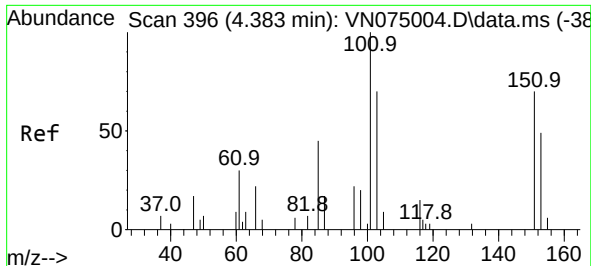
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#8
 Diethyl Ether
 Concen: 21.878 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN075074.D
 Acq: 28 Oct 2022 20:36

Tgt Ion: 74 Resp: 13001
 Ion Ratio Lower Upper
 74 100
 45 79.3 17.6 158.8





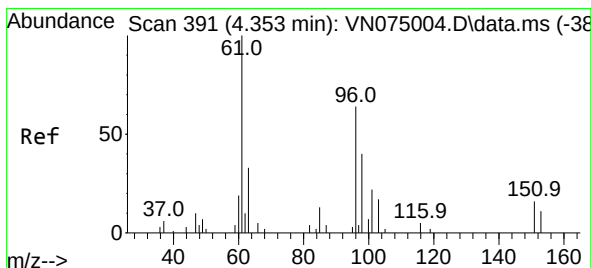
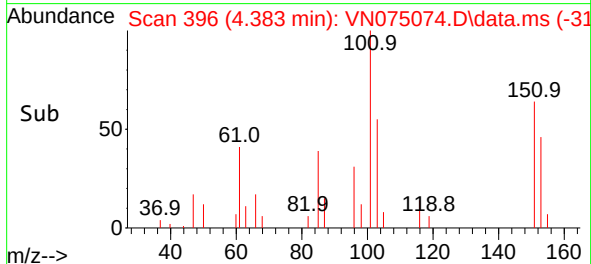
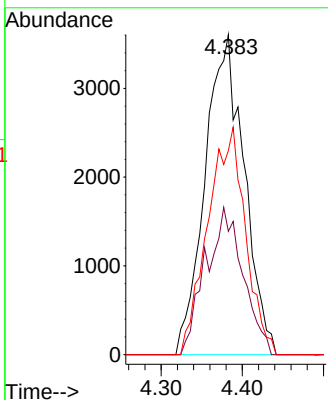
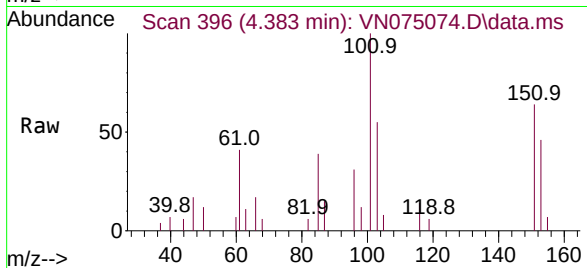
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.234 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:101 Resp: 12059
Ion Ratio Lower Upper
101 100
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151 34.7 0.0 74.6

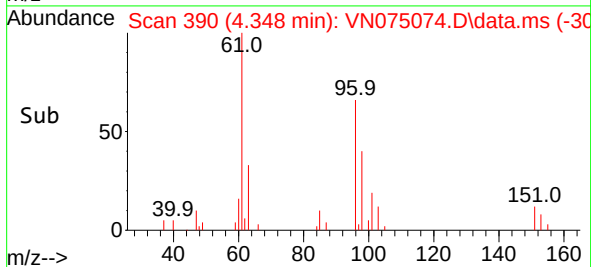
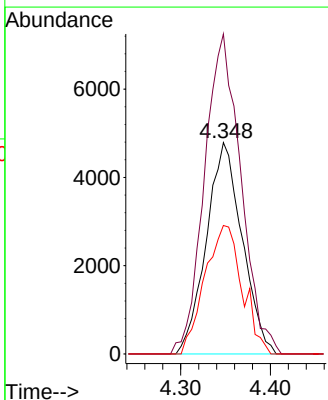
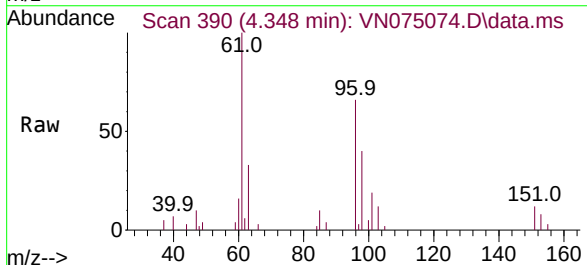
Manual Integrations
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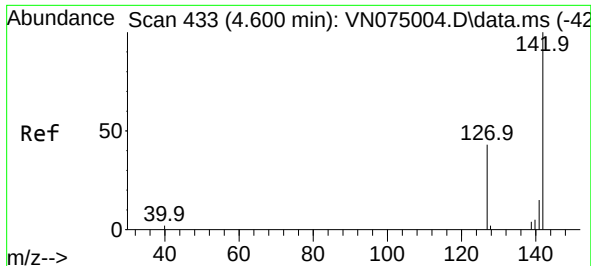
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
1,1-Dichloroethene
Concen: 16.732 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

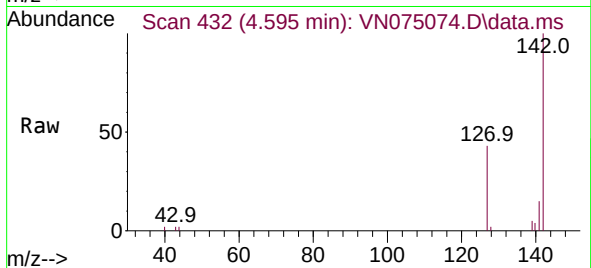
Tgt Ion: 96 Resp: 13296
Ion Ratio Lower Upper
96 100
61 147.7 126.2 189.4
98 60.8 50.9 76.3





#11
Methyl Iodide
Concen: 20.421 ug/l
RT: 4.595 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

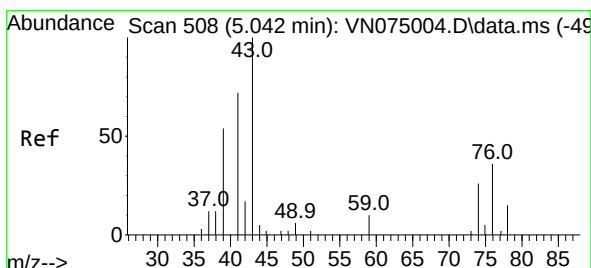
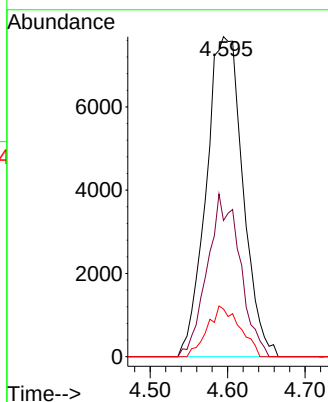
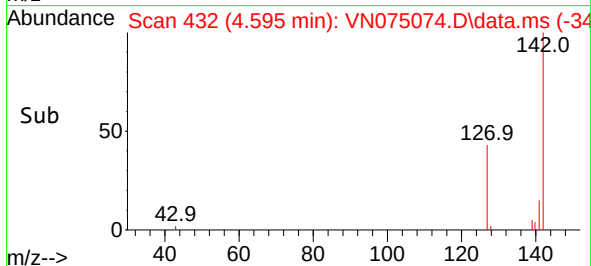
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:142 Resp: 25310
Ion Ratio Lower Upper
142 100
127 42.5 24.0 72.0
141 14.9 8.4 25.2

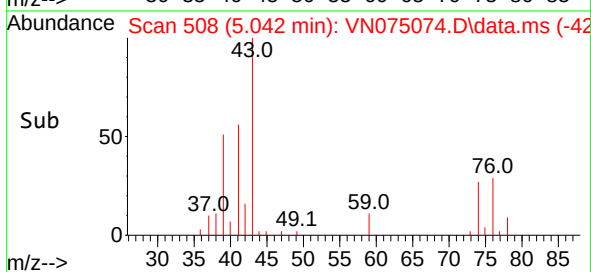
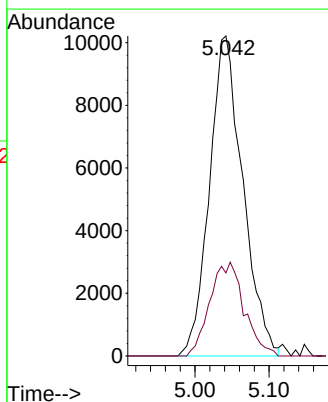
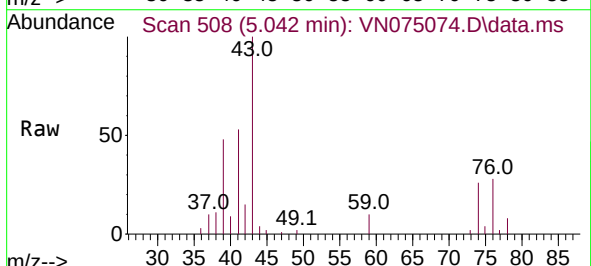
Manual Integrations
APPROVED

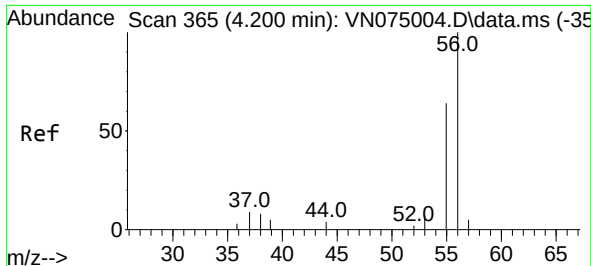
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
Methyl Acetate
Concen: 23.728 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 43 Resp: 31941
Ion Ratio Lower Upper
43 100
74 26.3 20.8 31.2





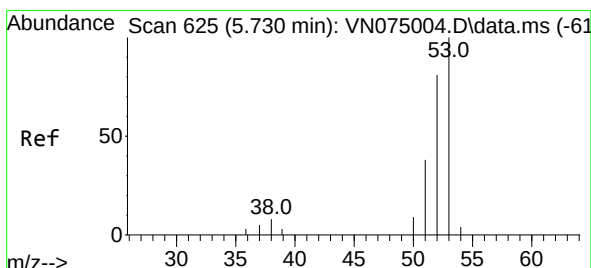
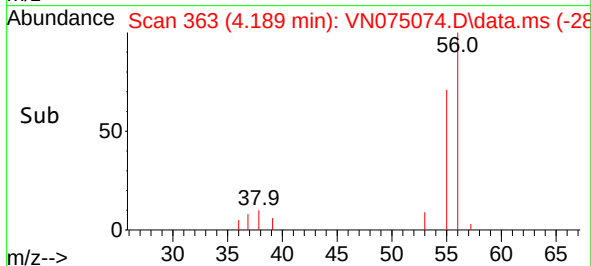
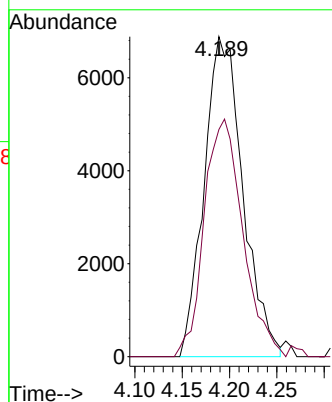
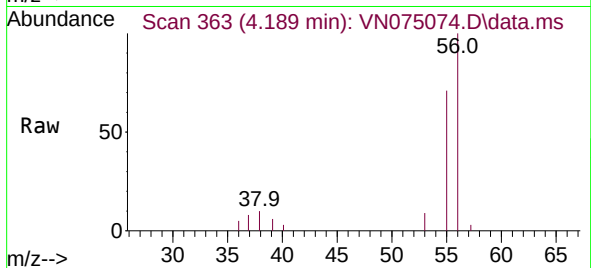
#13
Acrolein
Concen: 118.684 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.012 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 56 Resp: 1956
Ion Ratio Lower Upper
56 100
55 74.0 57.6 86.4

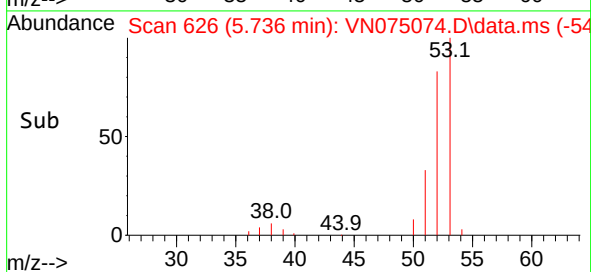
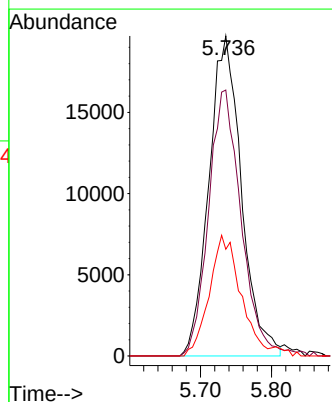
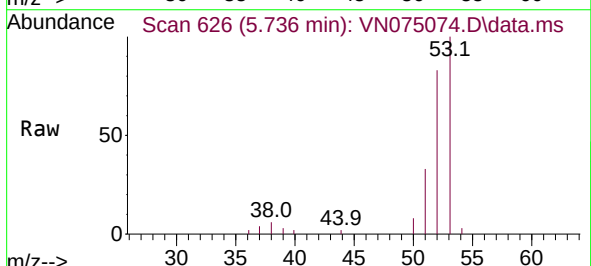
Manual Integrations
APPROVED

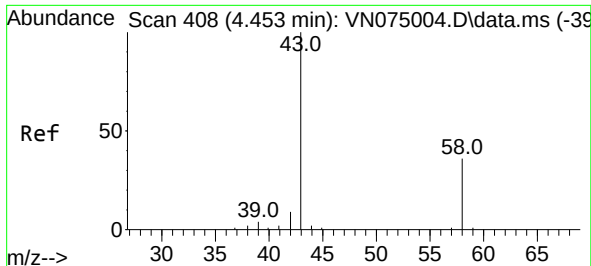
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Acrylonitrile
Concen: 112.563 ug/l
RT: 5.736 min Scan# 626
Delta R.T. 0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 53 Resp: 62601
Ion Ratio Lower Upper
53 100
52 83.3 41.8 125.4
51 36.2 19.0 57.0





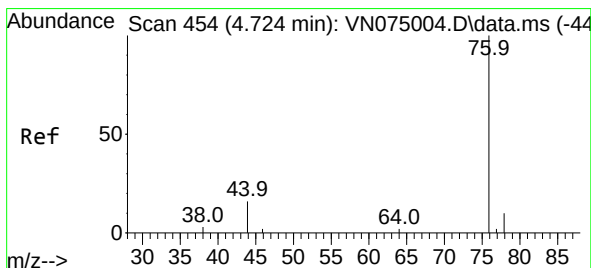
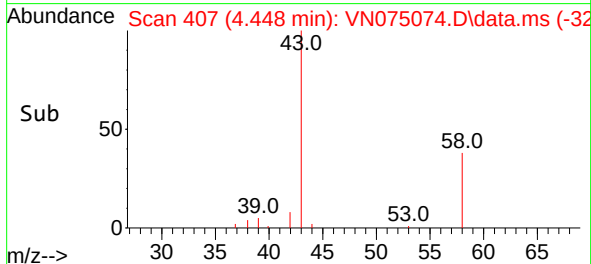
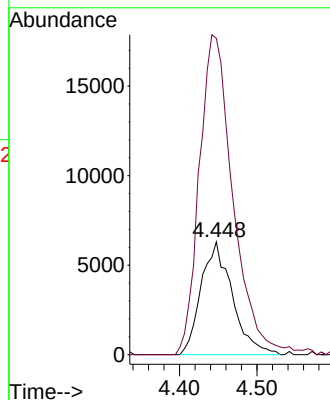
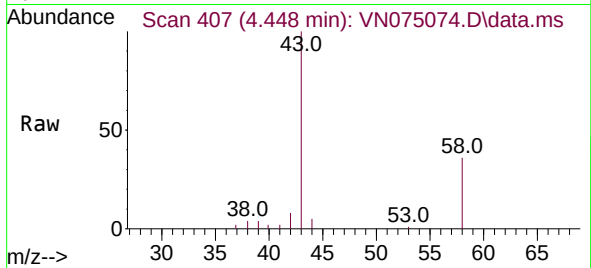
#15
Acetone
Concen: 113.587 ug/l
RT: 4.448 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
Client Sample Id :
VN1028WBSD01

Tgt Ion: 58 Resp: 17649
Ion Ratio Lower Upper
58 100
43 273.6 256.6 384.8

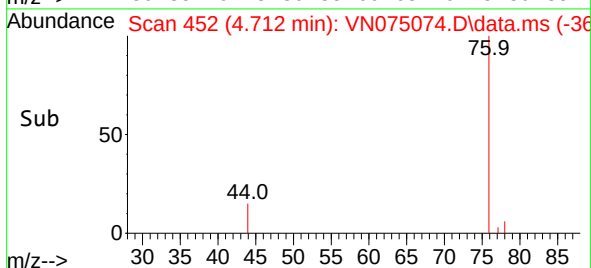
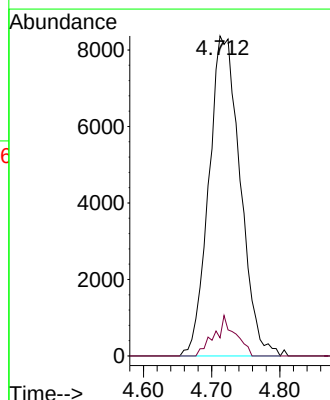
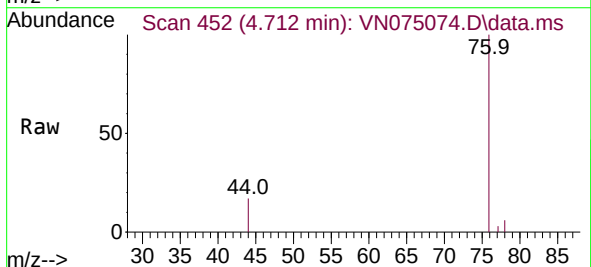
Manual Integrations
APPROVED

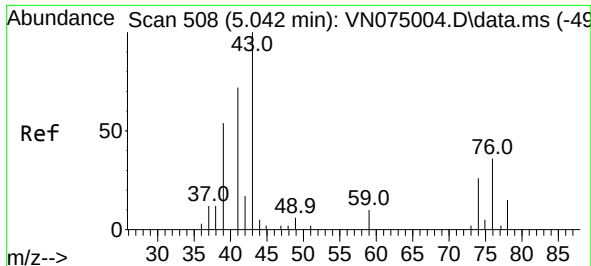
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Carbon Disulfide
Concen: 15.319 ug/l
RT: 4.712 min Scan# 452
Delta R.T. -0.012 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

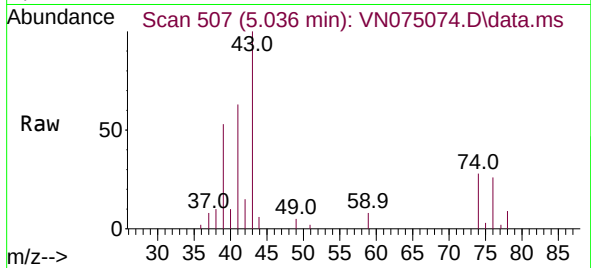
Tgt Ion: 76 Resp: 26799
Ion Ratio Lower Upper
76 100
78 5.7 7.8 11.8#





#17
 Allyl chloride
 Concen: 19.766 ug/l
 RT: 5.036 min Scan# 508
 Delta R.T. -0.006 min
 Lab File: VN075074.D
 Acq: 28 Oct 2022 20:36

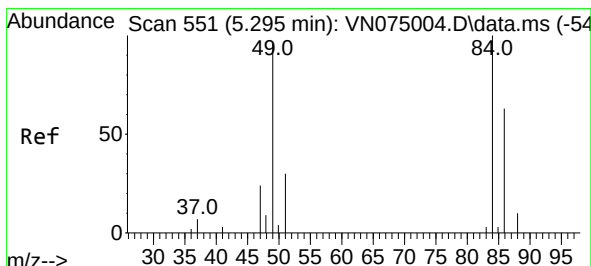
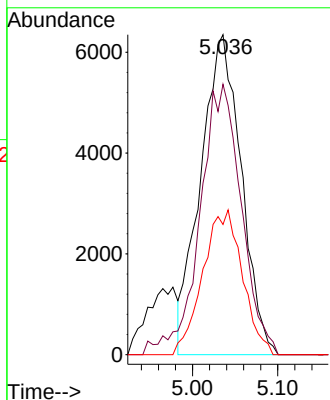
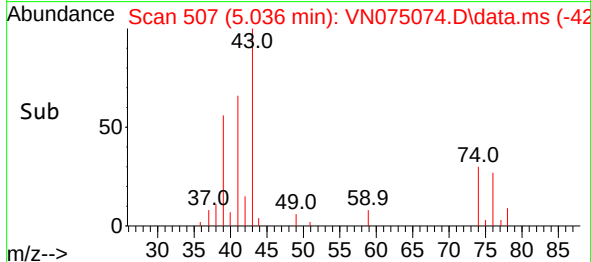
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01



Tgt Ion: 41 Resp: 21040
 Ion Ratio Lower Upper
 41 100
 39 84.5 44.6 134.0
 76 40.7 19.6 58.7

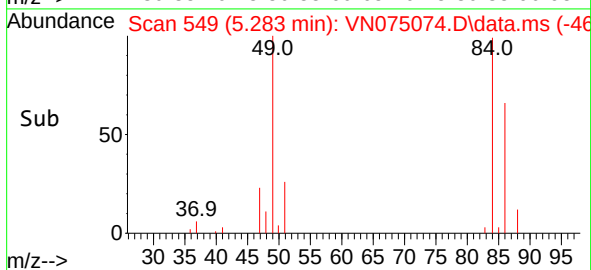
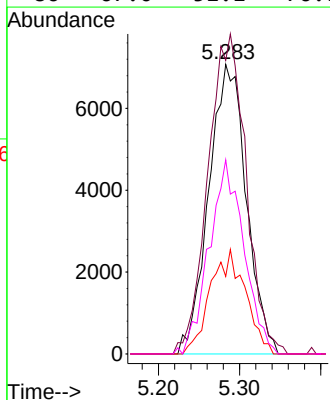
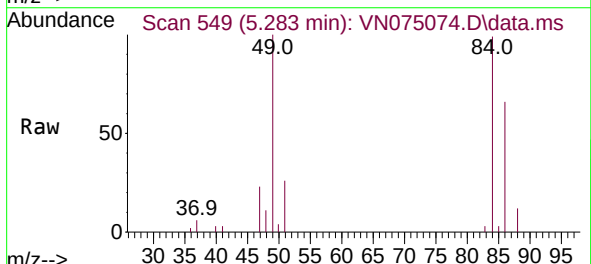
Manual Integrations
 APPROVED

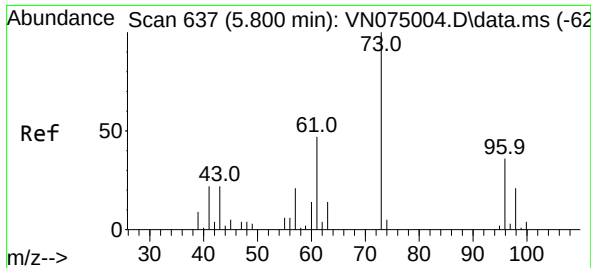
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#18
 Methylene Chloride
 Concen: 22.820 ug/l
 RT: 5.283 min Scan# 549
 Delta R.T. -0.012 min
 Lab File: VN075074.D
 Acq: 28 Oct 2022 20:36

Tgt Ion: 84 Resp: 22718
 Ion Ratio Lower Upper
 84 100
 49 98.3 91.4 137.0
 51 26.8 29.4 44.0#
 86 67.0 51.1 76.7





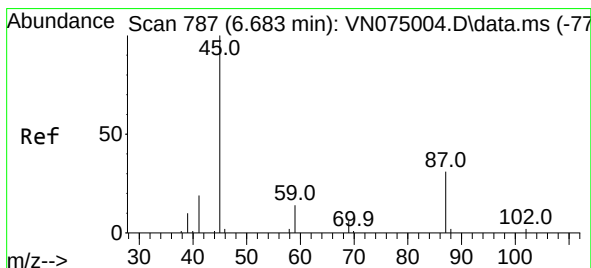
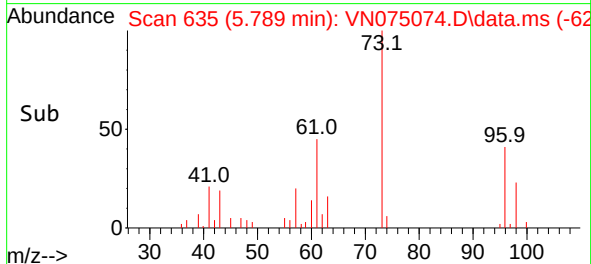
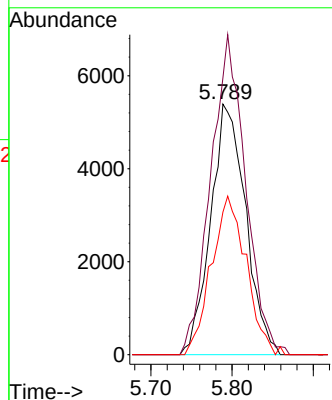
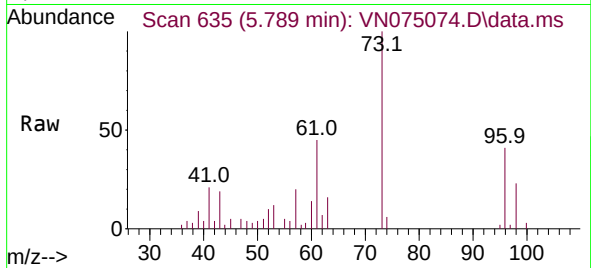
#19
trans-1,2-Dichloroethene
Concen: 18.288 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 96 Resp: 16150
Ion Ratio Lower Upper
96 100
61 110.5 102.8 154.2
98 56.9 49.3 73.9

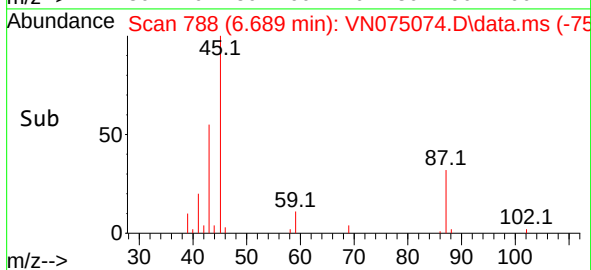
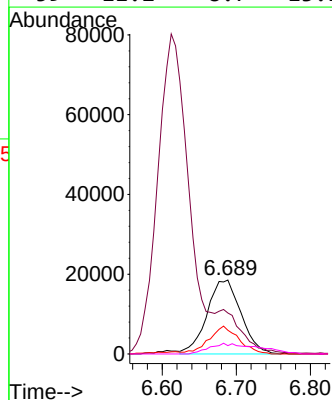
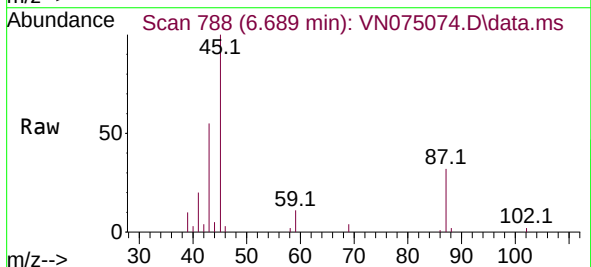
Manual Integrations
APPROVED

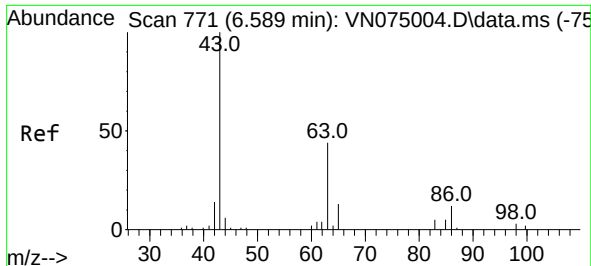
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Diisopropyl ether
Concen: 21.405 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 45 Resp: 59154
Ion Ratio Lower Upper
45 100
43 52.8 51.0 76.4
87 32.0 25.0 37.4
59 11.2 8.7 13.1





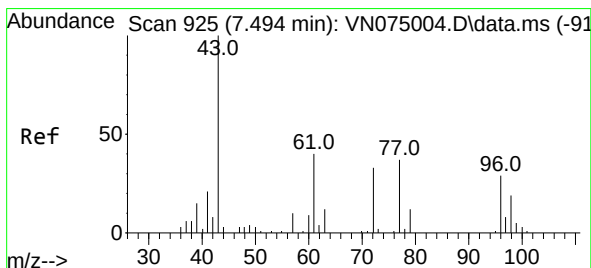
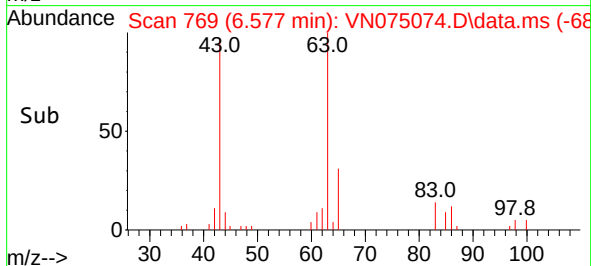
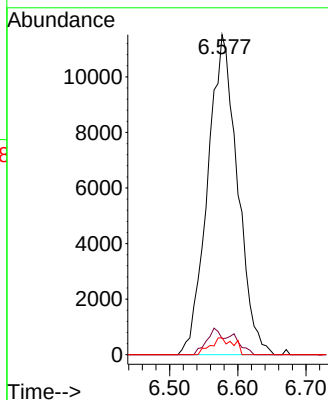
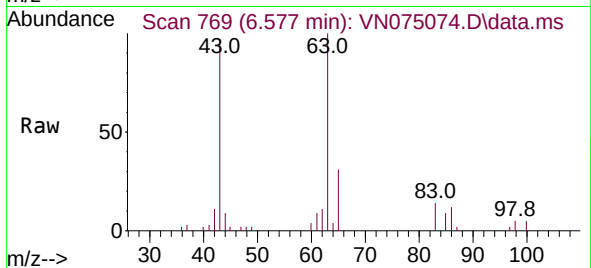
#21
1,1-Dichloroethane
Concen: 20.493 ug/l
RT: 6.577 min Scan# 771
Delta R.T. -0.012 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 63 Resp: 35174
Ion Ratio Lower Upper
63 100
98 5.0 3.2 9.6
100 5.3 2.1 6.2

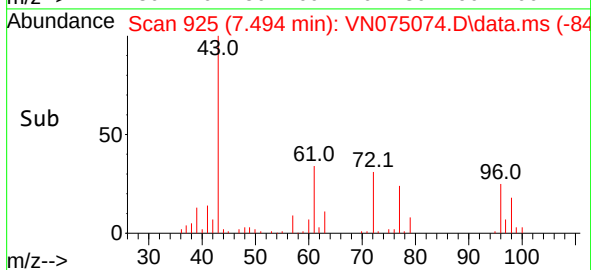
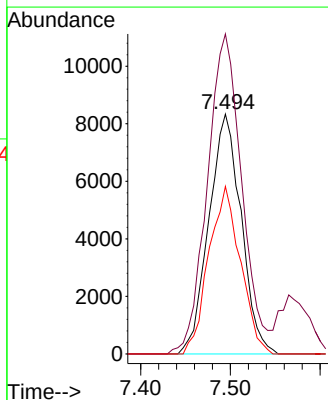
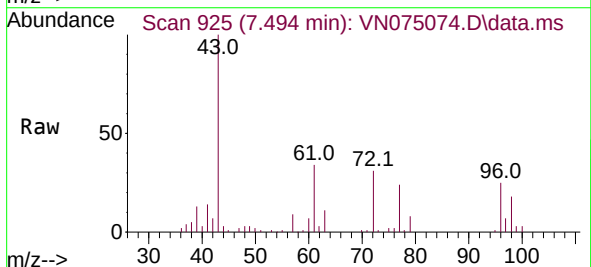
Manual Integrations
APPROVED

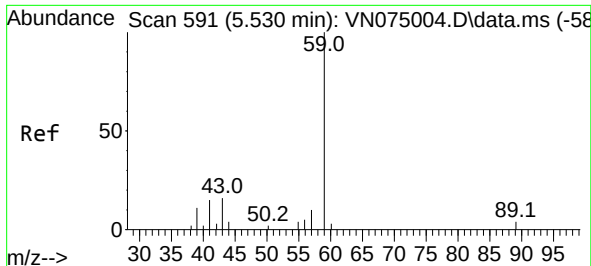
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
cis-1,2-Dichloroethene
Concen: 18.674 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 96 Resp: 20845
Ion Ratio Lower Upper
96 100
61 141.5 115.7 173.5
98 68.4 51.6 77.4





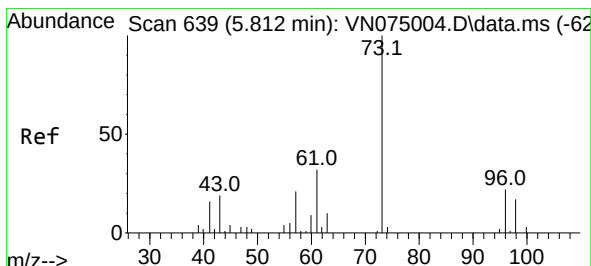
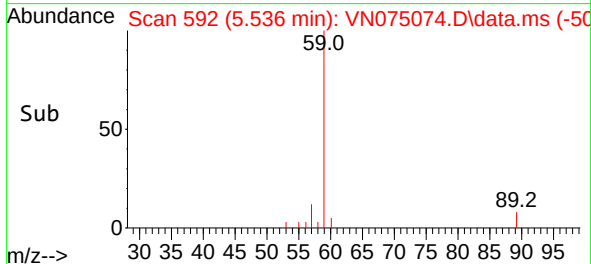
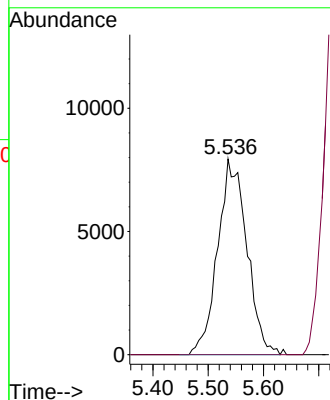
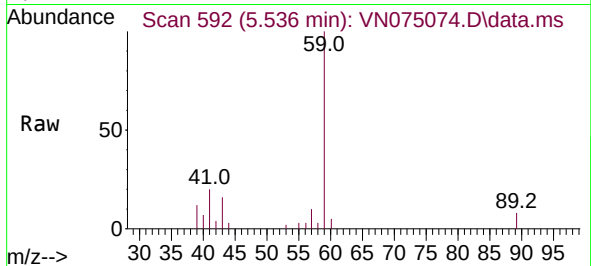
#23
tert-Butyl Alcohol
Concen: 112.773 ug/l m
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 59 Resp: 2903
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

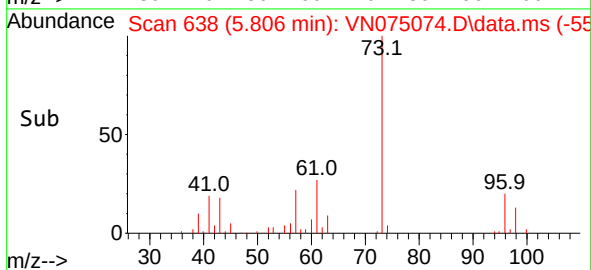
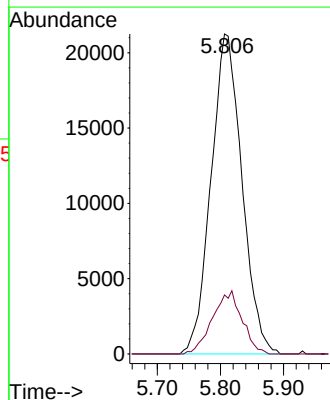
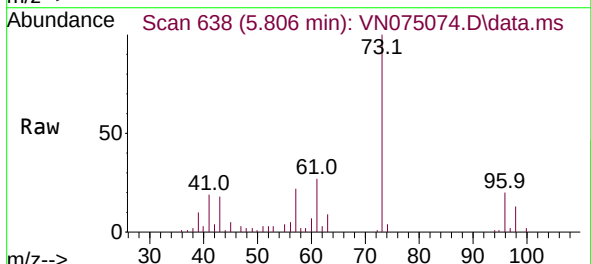
Manual Integrations
APPROVED

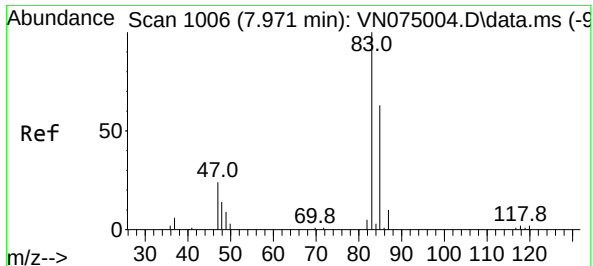
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#24
Methyl tert-Butyl Ether
Concen: 22.226 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 73 Resp: 72235
Ion Ratio Lower Upper
73 100
43 18.8 18.1 27.1





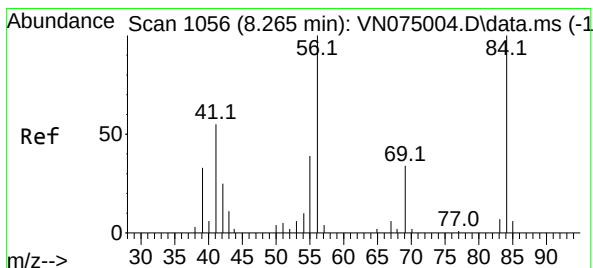
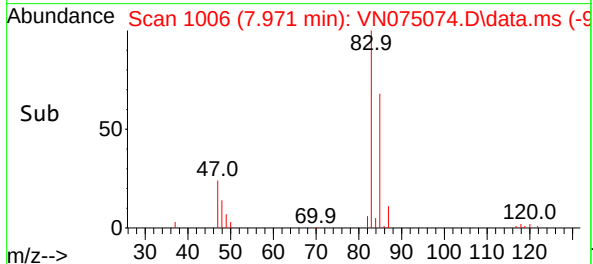
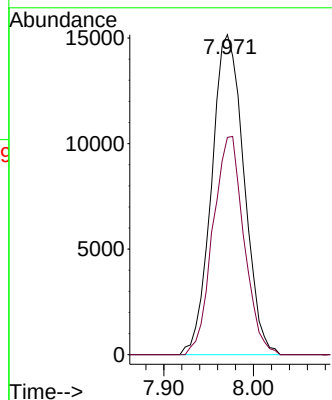
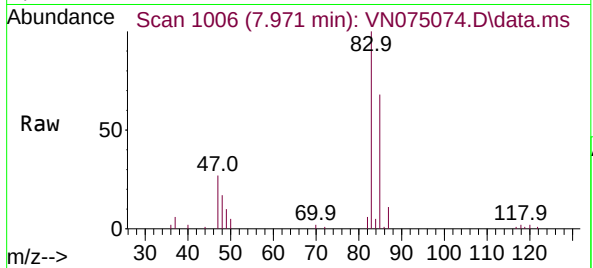
#25
Chloroform
Concen: 20.056 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 83 Resp: 3803
Ion Ratio Lower Upper
83 100
85 67.9 51.3 76.9

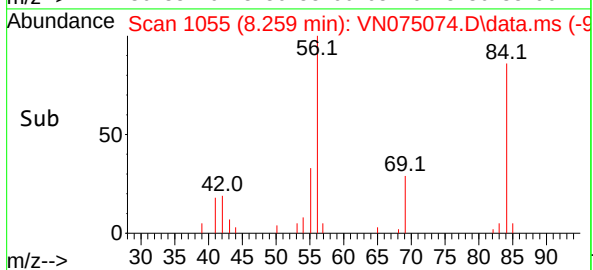
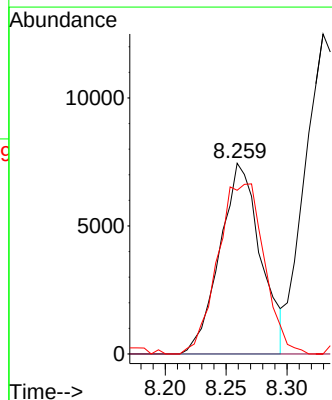
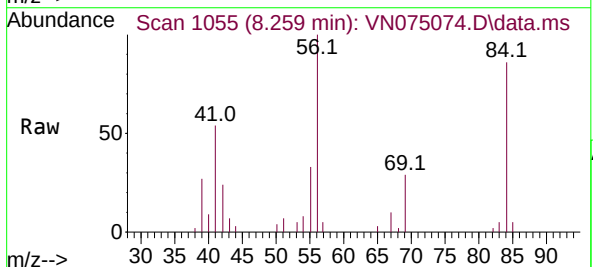
Manual Integrations
APPROVED

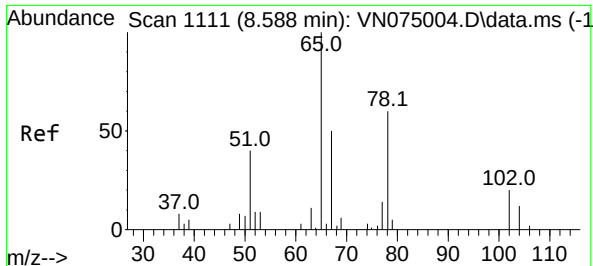
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
Cyclohexane
Concen: 12.598 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 56 Resp: 17370
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 50.0 74.6 111.8#





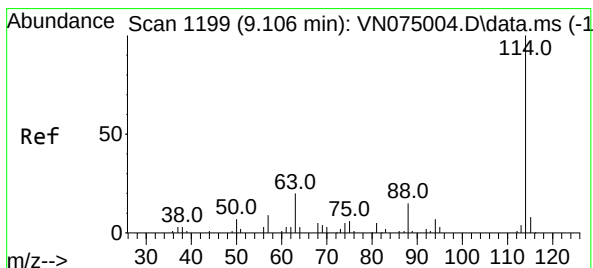
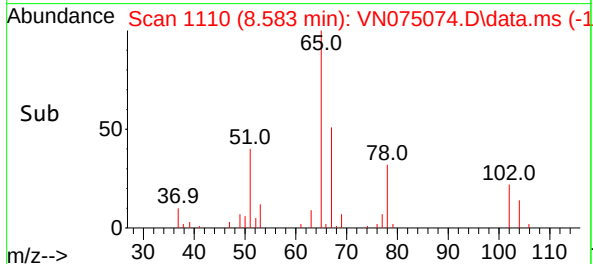
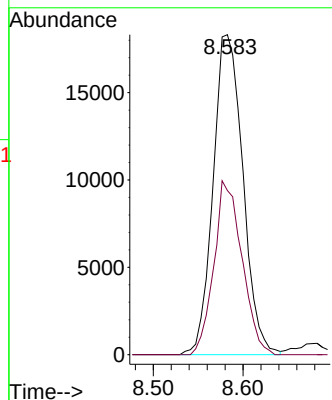
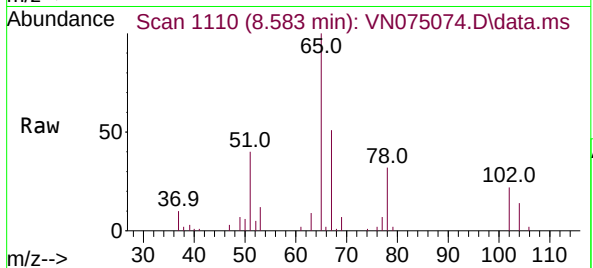
#27
1,2-Dichloroethane-d4
Concen: 33.309 ug/l
RT: 8.583 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 65 Resp: 4224
Ion Ratio Lower Upper
65 100
67 51.2 40.2 60.2

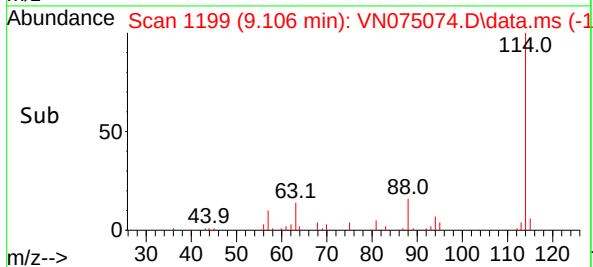
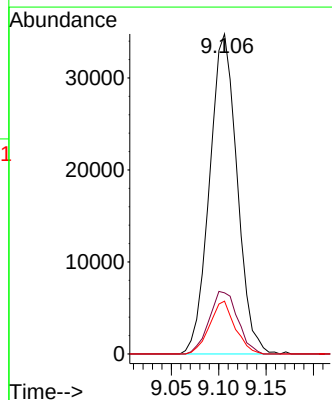
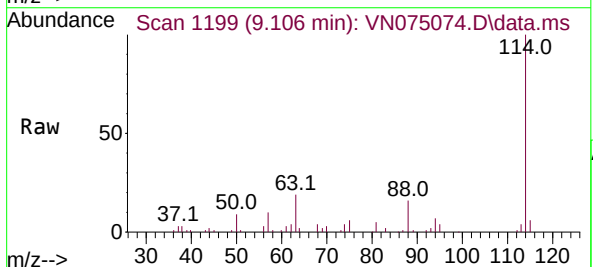
Manual Integrations
APPROVED

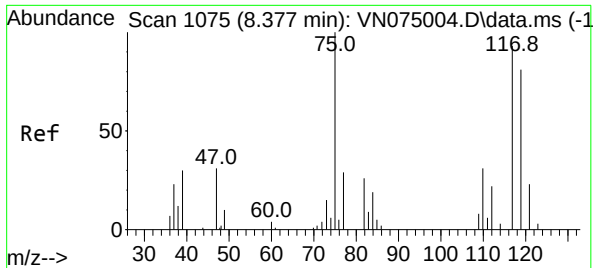
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion:114 Resp: 70392
Ion Ratio Lower Upper
114 100
63 20.3 15.8 23.6
88 15.2 11.6 17.4





#29

1,1-Dichloropropene

Concen: 15.174 ug/l

RT: 8.371 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN075074.D

Acq: 28 Oct 2022 20:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

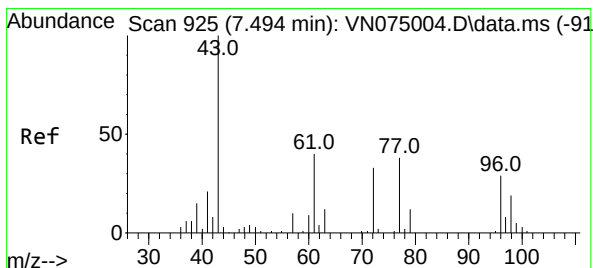
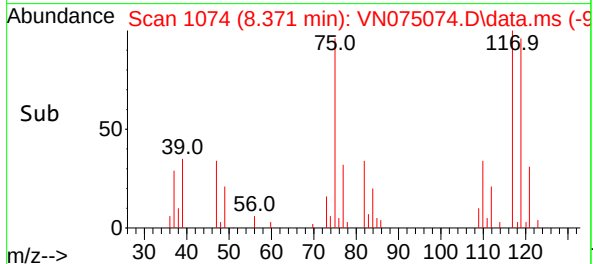
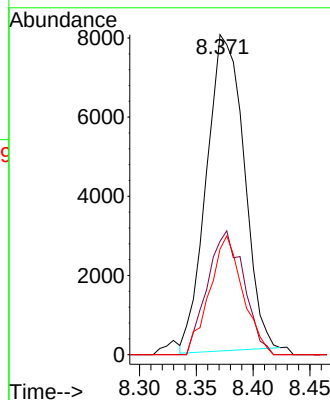
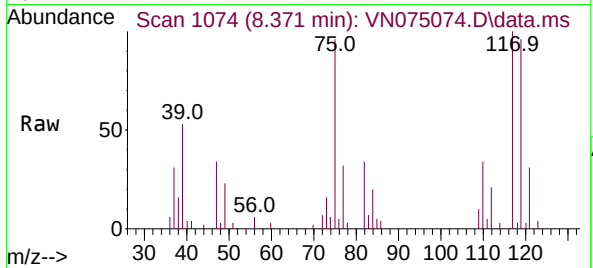
Tgt Ion:	75	Resp:	1832
Ion Ratio	Lower	Upper	
75	100		
110	38.1	0.0	74.2
77	33.3	0.0	63.2

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

2-Butanone

Concen: 122.211 ug/l

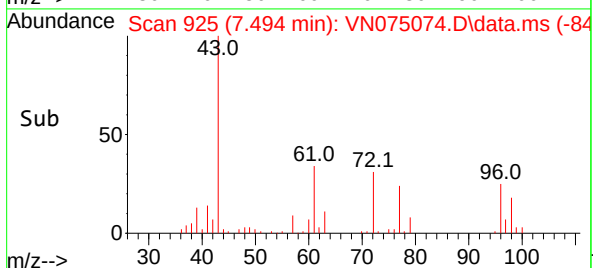
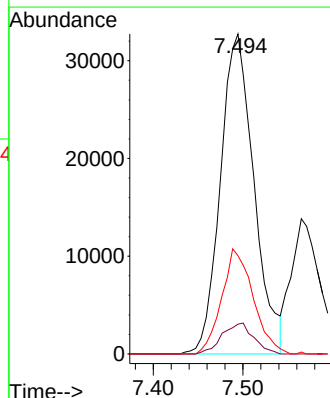
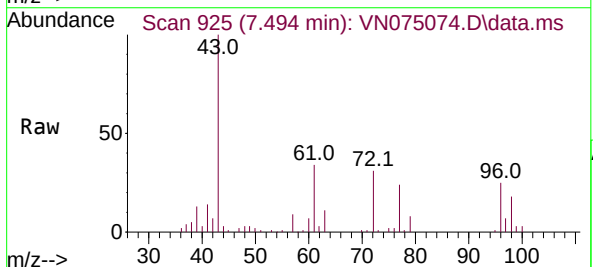
RT: 7.494 min Scan# 925

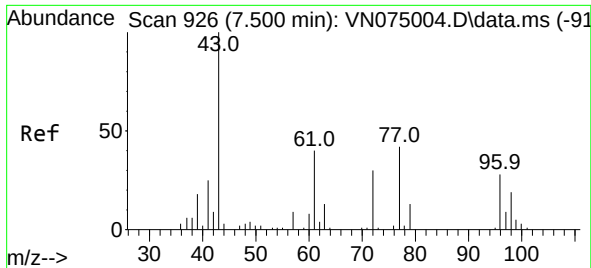
Delta R.T. 0.000 min

Lab File: VN075074.D

Acq: 28 Oct 2022 20:36

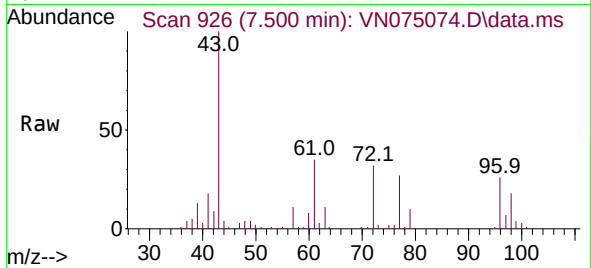
Tgt Ion:	43	Resp:	85063
Ion Ratio	Lower	Upper	
43	100		
57	9.1	6.7	10.1
72	30.7	23.2	34.8





#31
2,2-Dichloropropane
Concen: 15.531 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

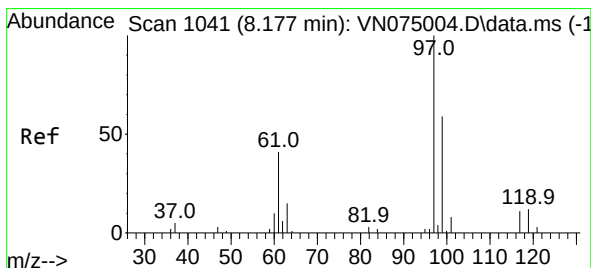
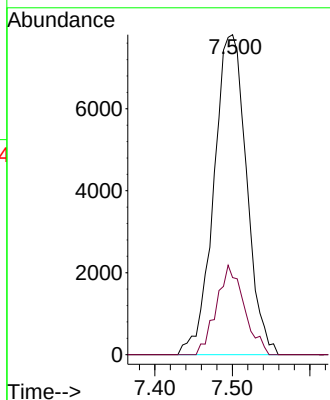
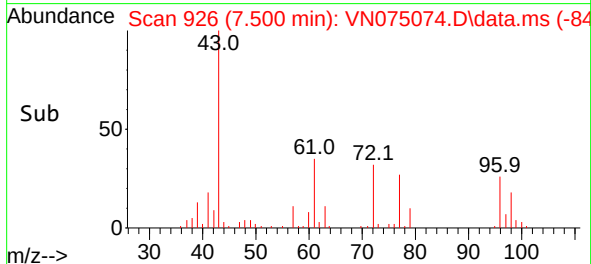
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



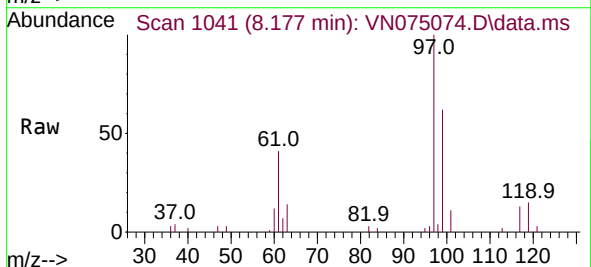
Tgt Ion: 77 Resp: 22900
Ion Ratio Lower Upper
77 100
97 23.7 18.3 27.5

Manual Integrations
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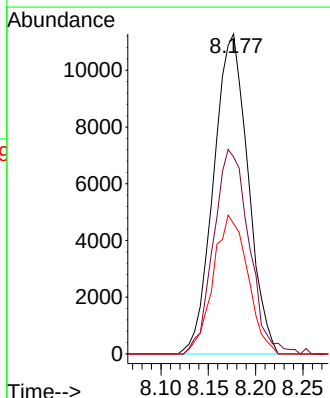
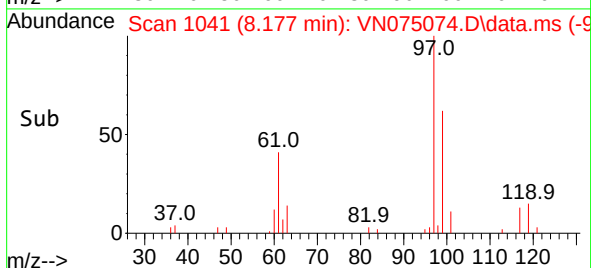
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

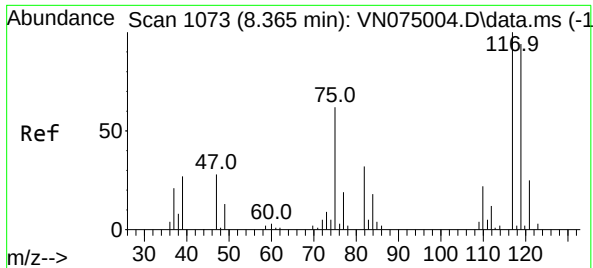


#32
1,1,1-Trichloroethane
Concen: 18.205 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



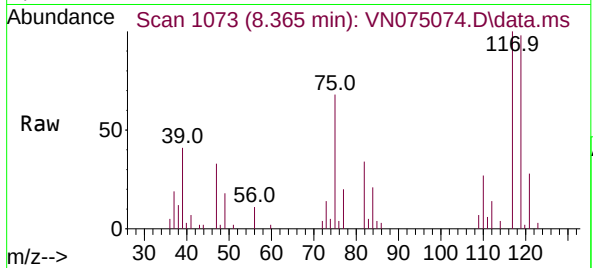
Tgt Ion: 97 Resp: 28469
Ion Ratio Lower Upper
97 100
99 65.9 50.4 75.6
61 43.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 15.570 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

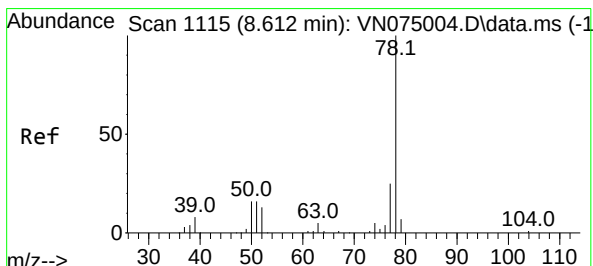
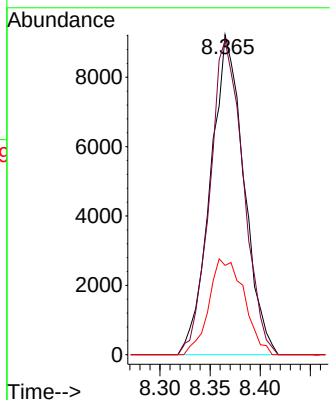
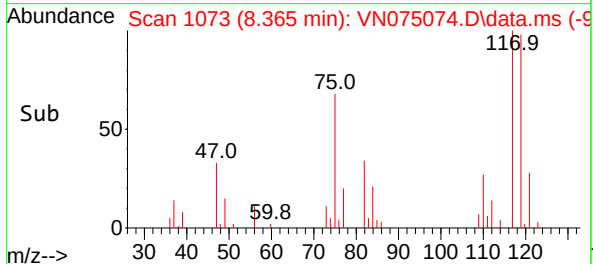
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



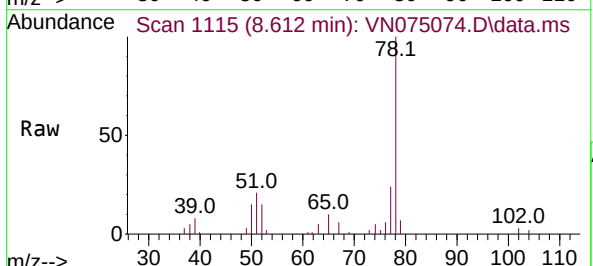
Tgt Ion:117 Resp: 21438
Ion Ratio Lower Upper
117 100
119 98.2 77.5 116.3
121 27.9 23.5 35.3

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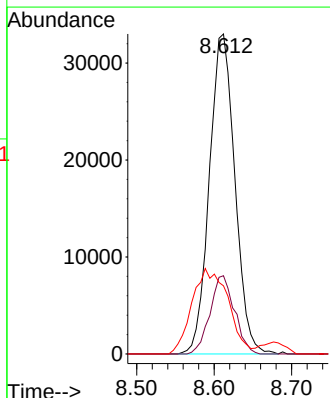
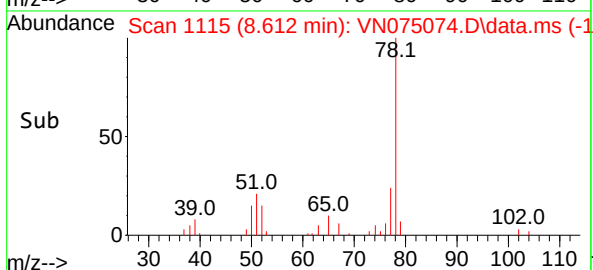
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

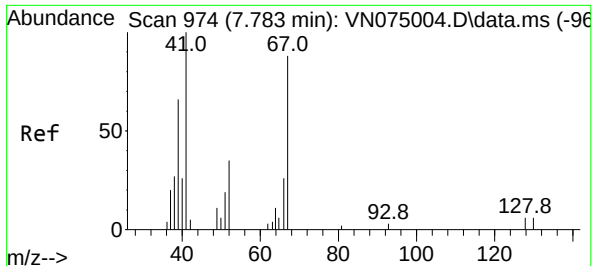


#34
Benzene
Concen: 20.518 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



Tgt Ion: 78 Resp: 75737
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7
51 18.2 16.0 24.0





#35

Methacrylonitrile

Concen: 23.939 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075074.D

Acq: 28 Oct 2022 20:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

Tgt Ion: 41 Resp: 15970

Ion Ratio Lower Upper

41 100

39 64.5 28.0 83.9

67 79.3 37.7 113.1

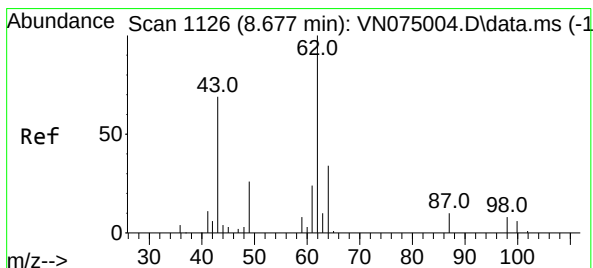
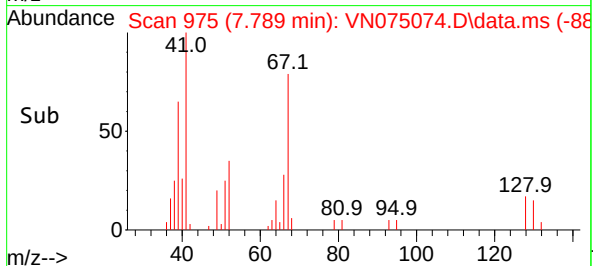
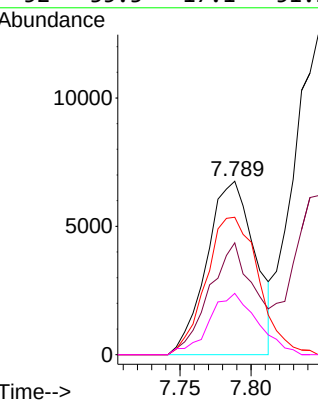
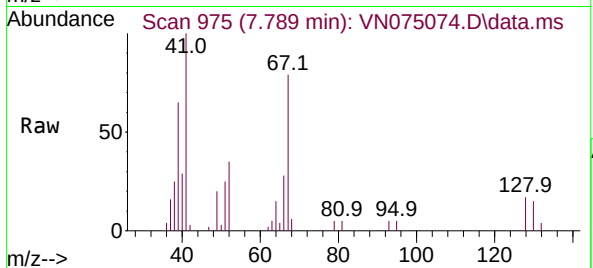
52 35.3 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,2-Dichloroethane

Concen: 23.973 ug/l

RT: 8.677 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN075074.D

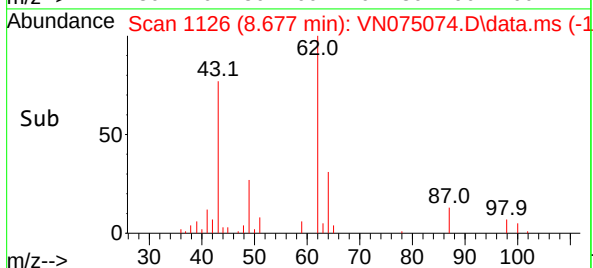
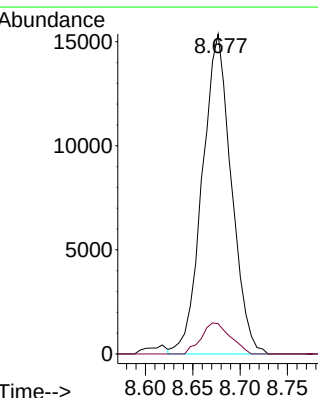
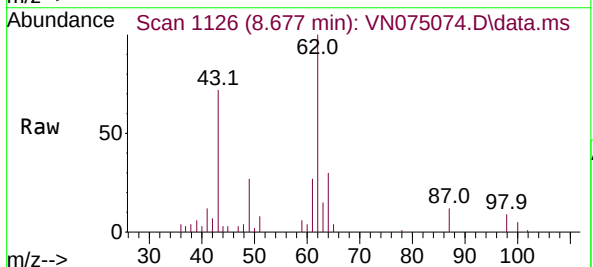
Acq: 28 Oct 2022 20:36

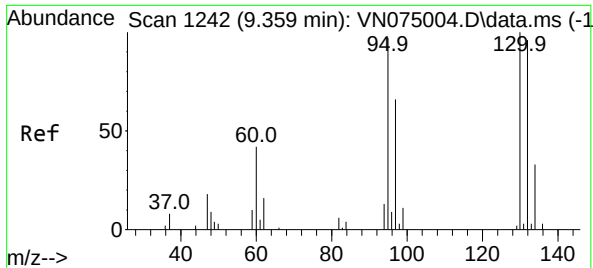
Tgt Ion: 62 Resp: 32789

Ion Ratio Lower Upper

62 100

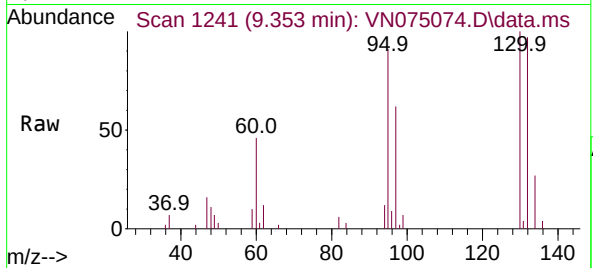
98 9.7 6.6 10.0





#37
Trichloroethene
Concen: 18.267 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

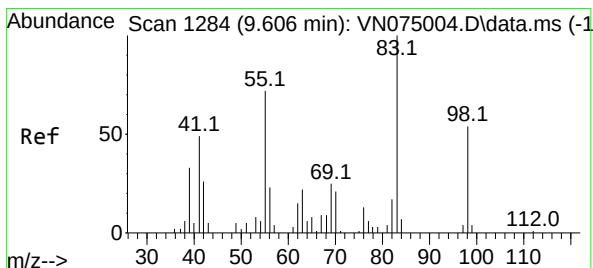
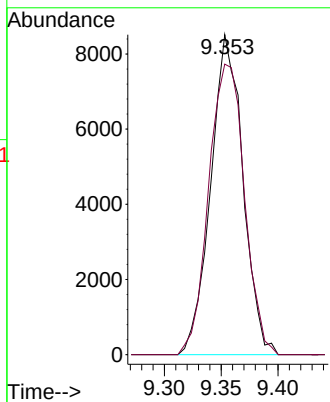
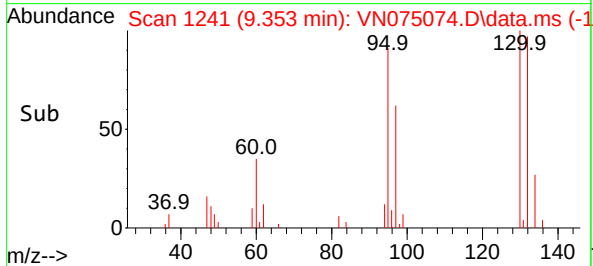
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:130 Resp: 16750
Ion Ratio Lower Upper
130 100
95 90.8 76.6 115.0

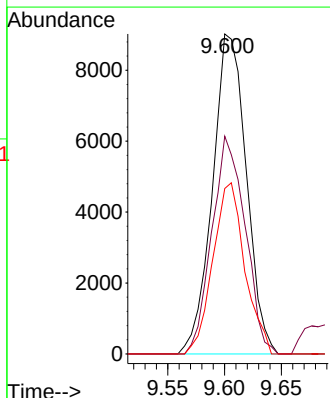
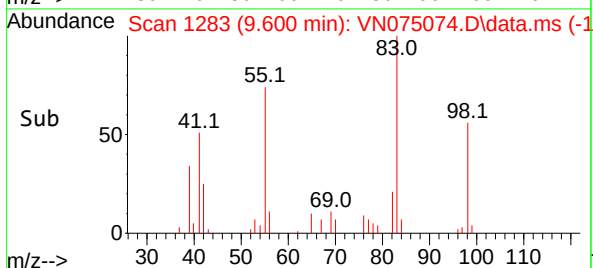
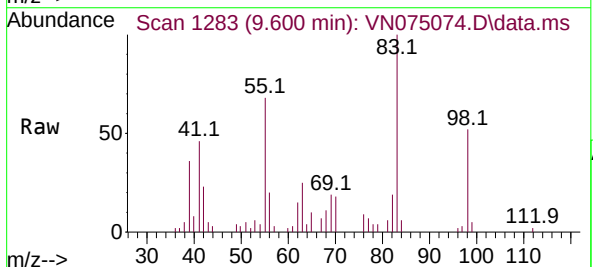
Manual Integrations
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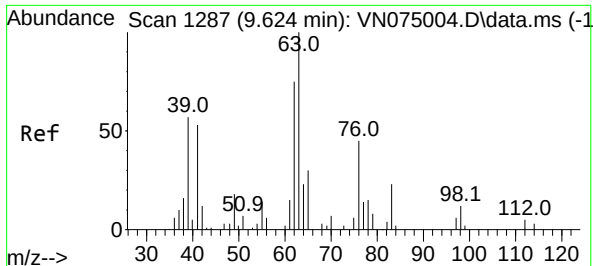
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Methylcyclohexane
Concen: 12.485 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 83 Resp: 18691
Ion Ratio Lower Upper
83 100
55 66.8 35.1 105.3
98 50.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 23.195 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075074.D

Acq: 28 Oct 2022 20:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

Tgt Ion: 63 Resp: 21554

Ion Ratio Lower Upper

63 100

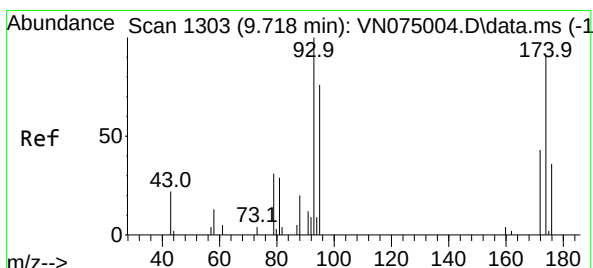
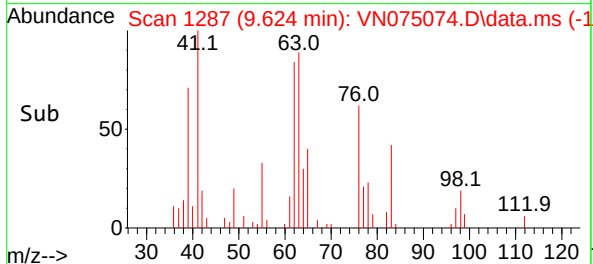
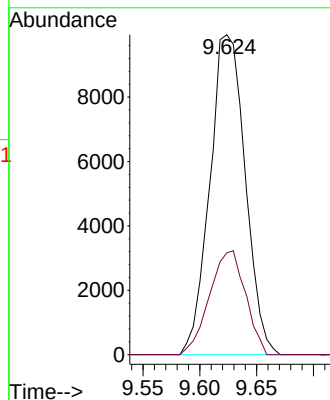
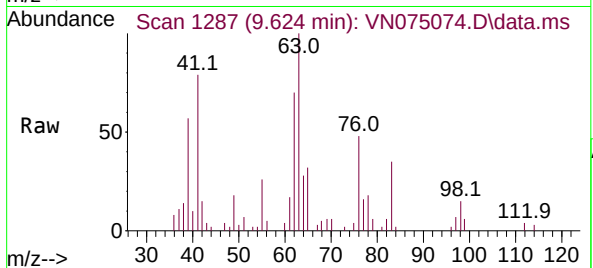
65 31.8 24.2 36.4

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Dibromomethane

Concen: 22.916 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN075074.D

Acq: 28 Oct 2022 20:36

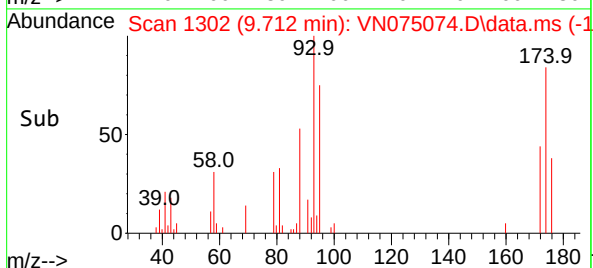
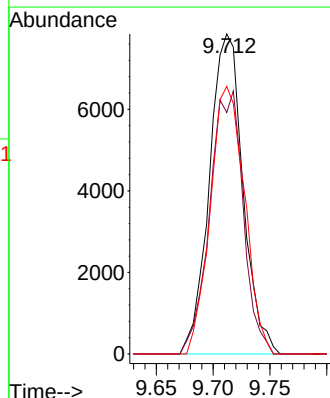
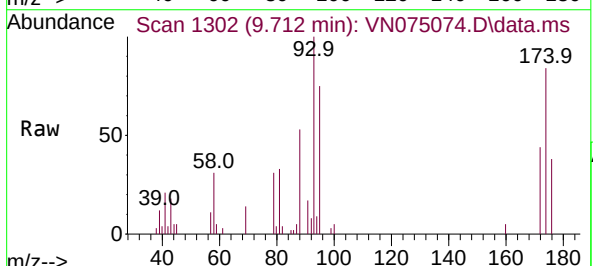
Tgt Ion: 93 Resp: 16156

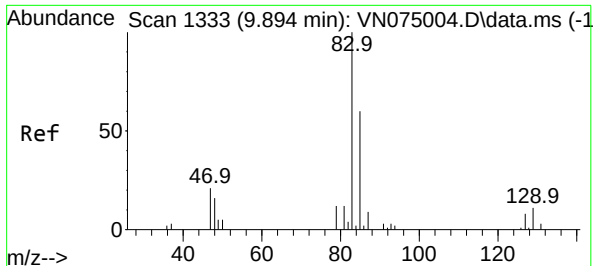
Ion Ratio Lower Upper

93 100

95 81.6 0.0 168.8

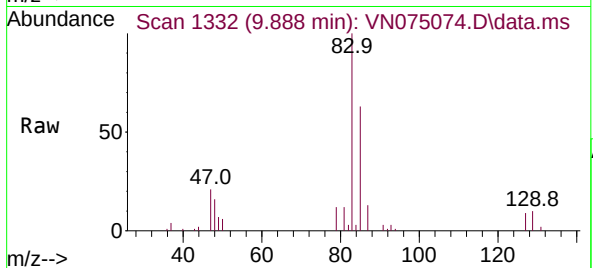
174 84.9 0.0 173.6





#41
Bromodichloromethane
Concen: 22.523 ug/l
RT: 9.888 min Scan# 1333
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

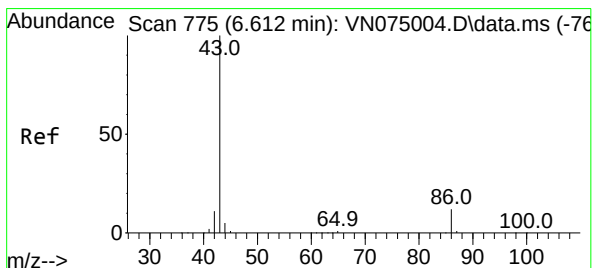
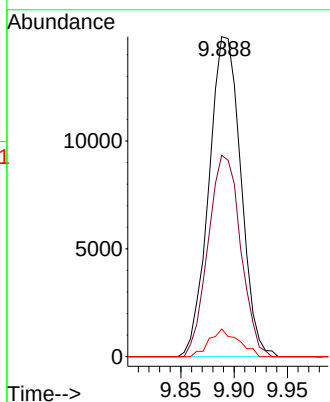
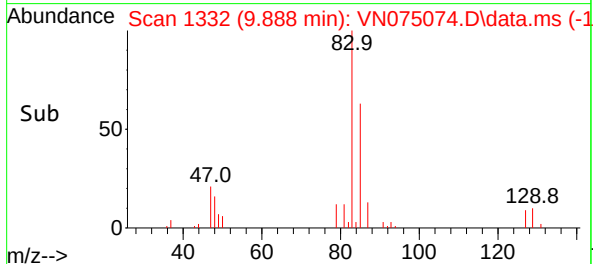
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 83 Resp: 3091
Ion Ratio Lower Upper
83 100
85 62.9 54.1 81.1
127 8.7 7.6 11.4

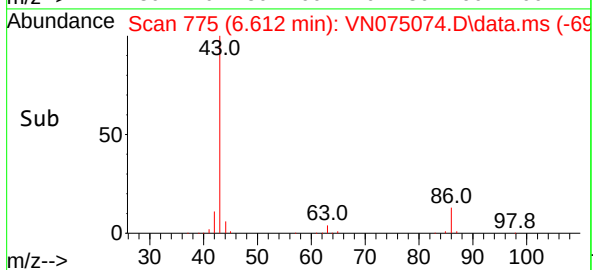
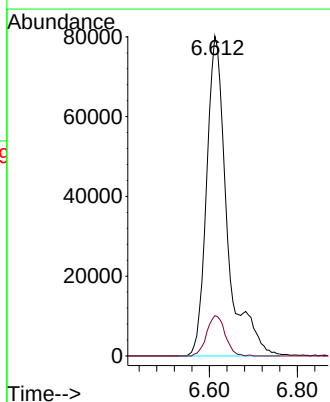
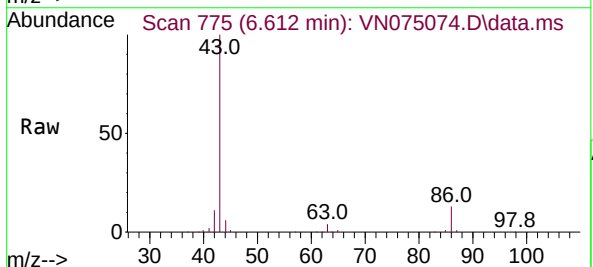
Manual Integrations
APPROVED

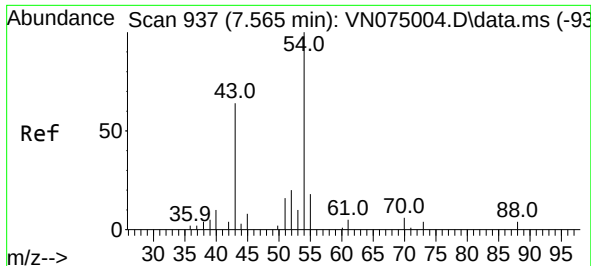
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
Vinyl Acetate
Concen: 132.652 ug/l m
RT: 6.612 min Scan# 775
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

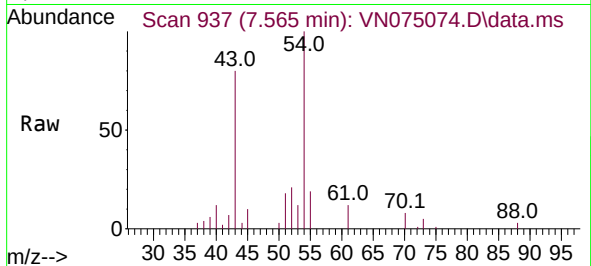
Tgt Ion: 43 Resp: 260071
Ion Ratio Lower Upper
43 100
86 11.3 7.5 11.3#





#43
Ethyl Acetate
Concen: 23.131 ug/l
RT: 7.565 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

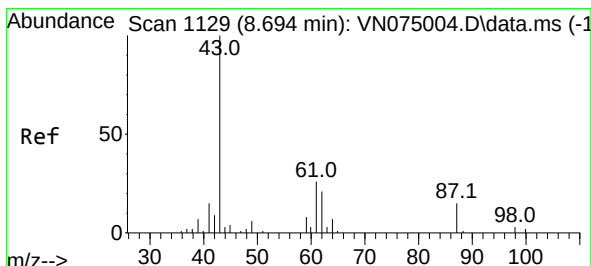
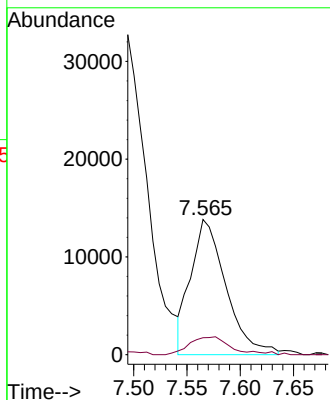
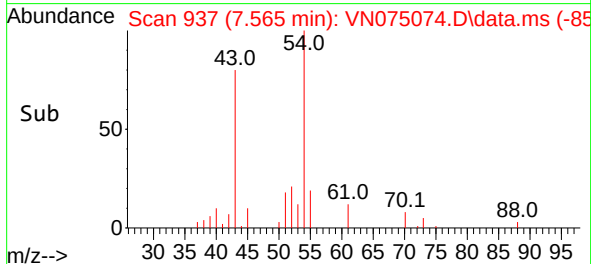
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



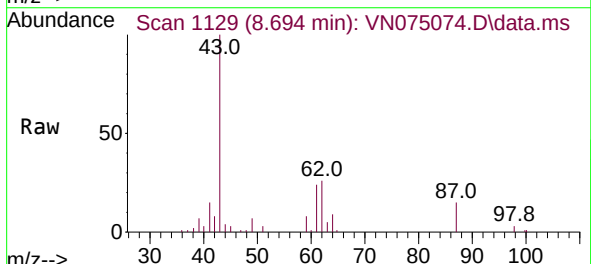
Tgt Ion: 43 Resp: 31818
Ion Ratio Lower Upper
43 100
45 14.2 10.6 16.0

Manual Integrations
APPROVED

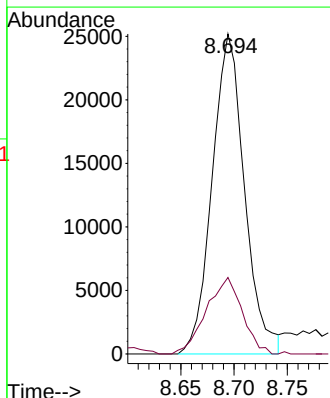
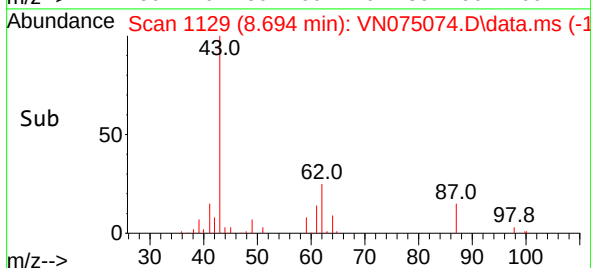
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

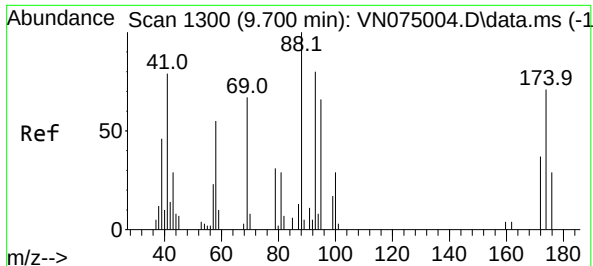


#44
Isopropyl Acetate
Concen: 24.096 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



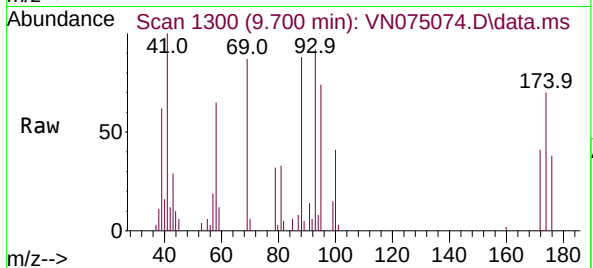
Tgt Ion: 43 Resp: 53168
Ion Ratio Lower Upper
43 100
61 26.5 20.1 30.1





#45
1,4-Dioxane
Concen: 456.361 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

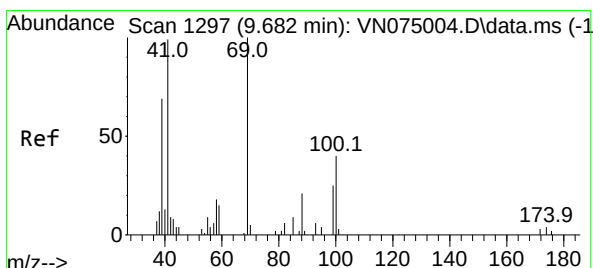
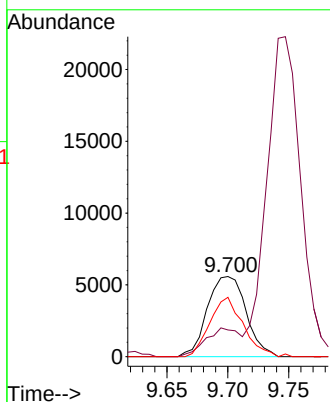
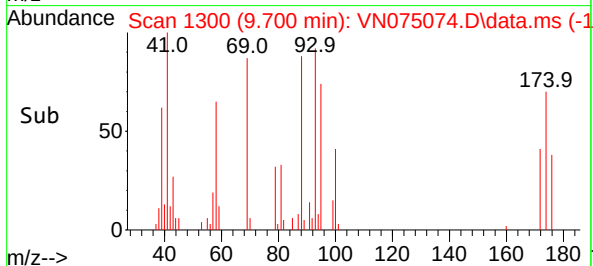
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



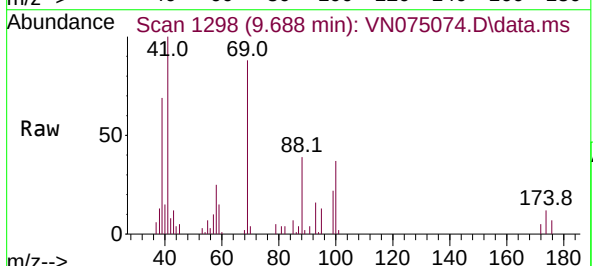
Tgt Ion: 88 Resp: 12394
Ion Ratio Lower Upper
88 100
43 31.7 25.0 37.6
58 63.6 49.4 74.2

Manual Integrations
APPROVED

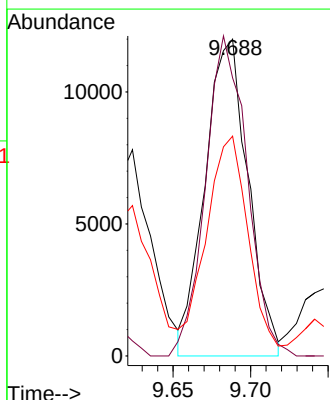
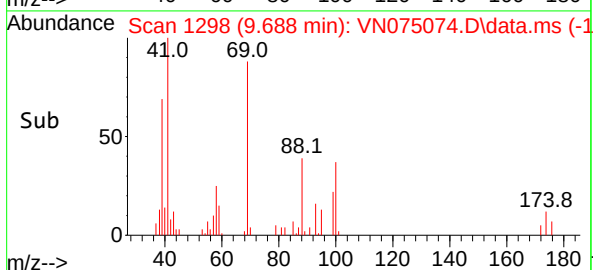
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

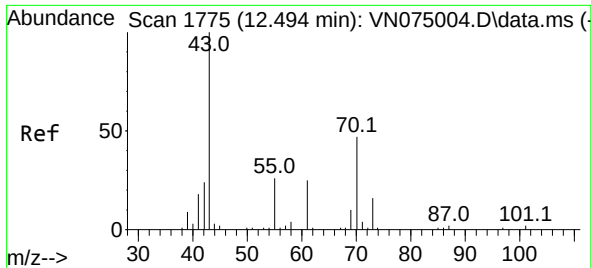


#46
Methyl methacrylate
Concen: 23.409 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



Tgt Ion: 41 Resp: 23171
Ion Ratio Lower Upper
41 100
69 88.0 44.4 133.2
39 69.3 39.9 119.6





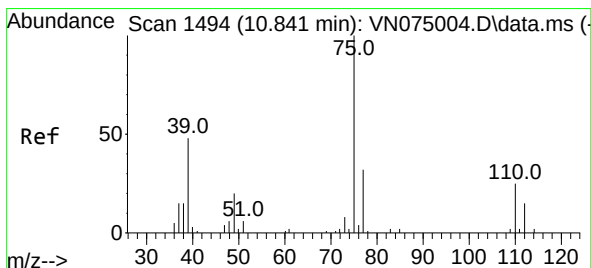
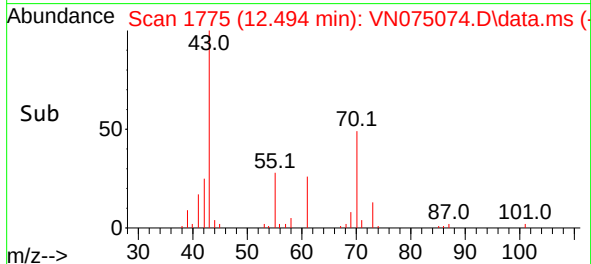
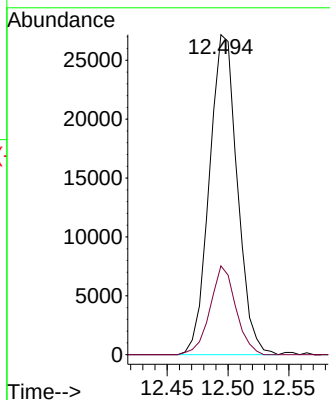
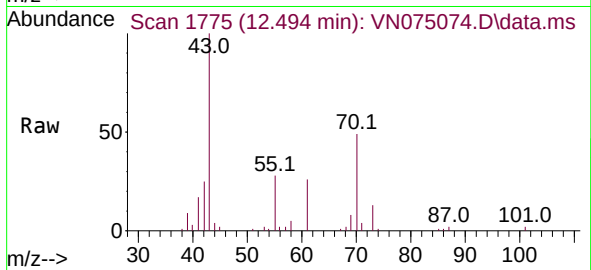
#47
n-amy1 Acetate
Concen: 22.918 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 43 Resp: 4344
Ion Ratio Lower Upper
43 100
55 25.5 19.0 28.6

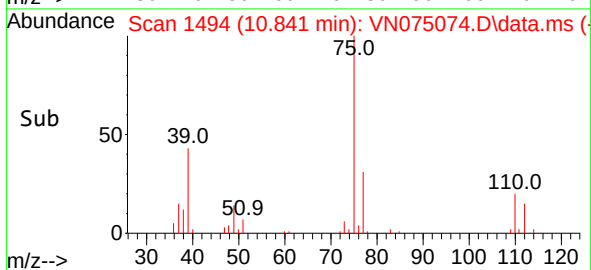
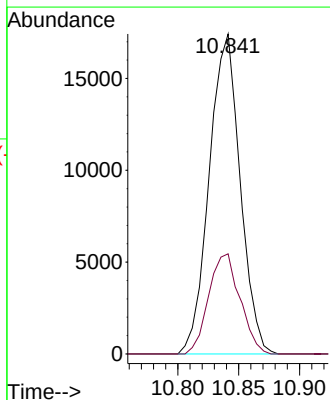
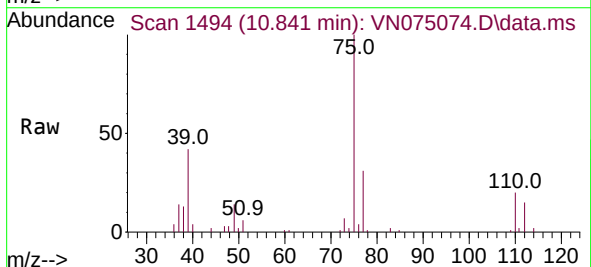
Manual Integrations
APPROVED

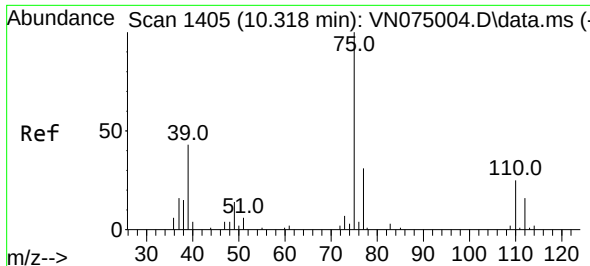
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
t-1,3-Dichloropropene
Concen: 20.548 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

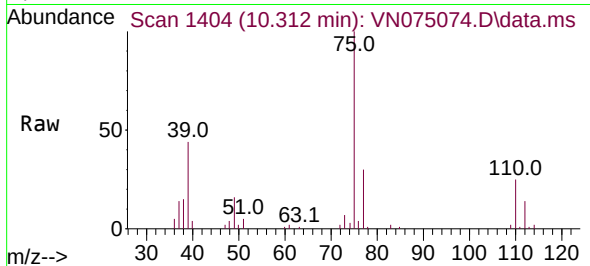
Tgt Ion: 75 Resp: 30811
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 20.026 ug/l
 RT: 10.312 min Scan# 1405
 Delta R.T. -0.006 min
 Lab File: VN075074.D
 Acq: 28 Oct 2022 20:36

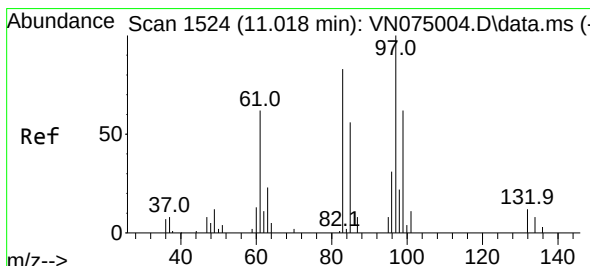
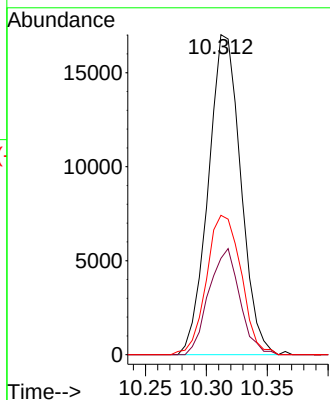
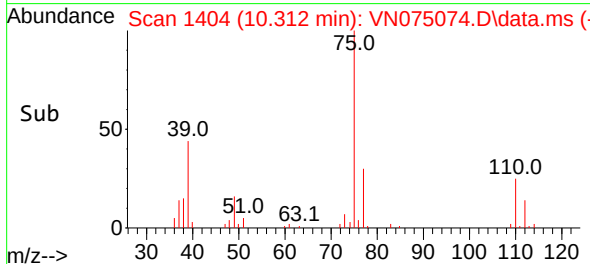
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01



Tgt Ion: 75 Resp: 31562
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.3 37.9
 39 43.6 46.2 69.4

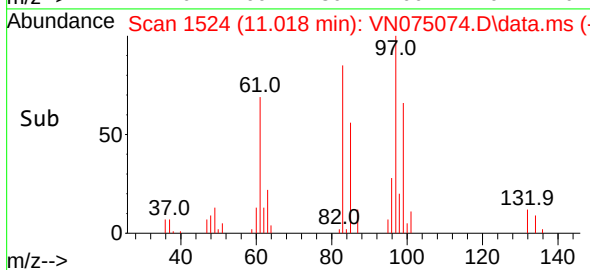
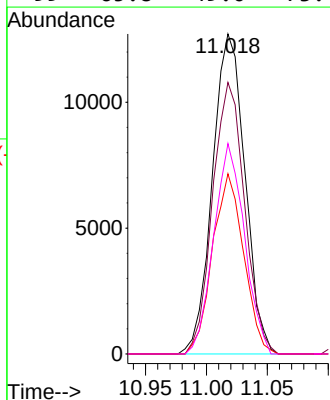
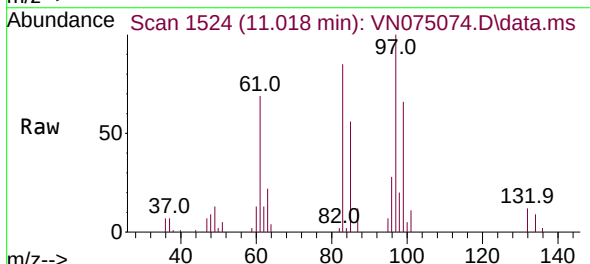
Manual Integrations
 APPROVED

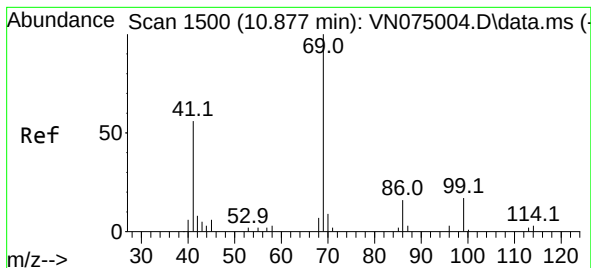
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#50
 1,1,2-Trichloroethane
 Concen: 22.784 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VN075074.D
 Acq: 28 Oct 2022 20:36

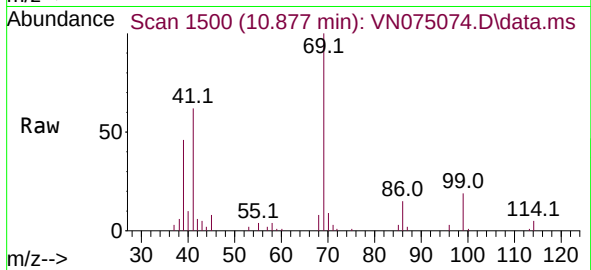
Tgt Ion: 97 Resp: 23533
 Ion Ratio Lower Upper
 97 100
 83 84.9 67.2 100.8
 85 56.3 43.0 64.4
 99 65.8 49.0 73.4





#51
Ethyl methacrylate
Concen: 21.824 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

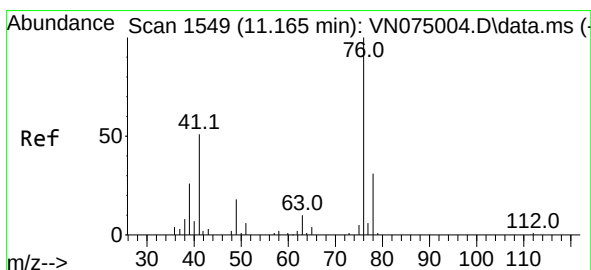
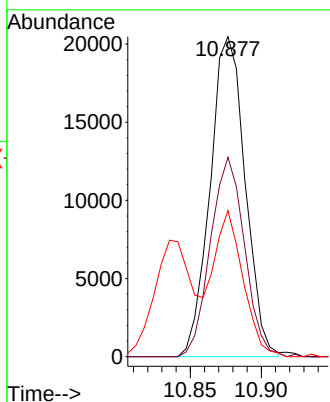
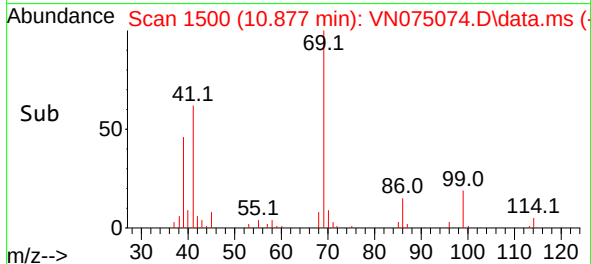
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 69 Resp: 3512
Ion Ratio Lower Upper
69 100
41 62.3 33.0 98.9
39 44.5 25.4 76.4

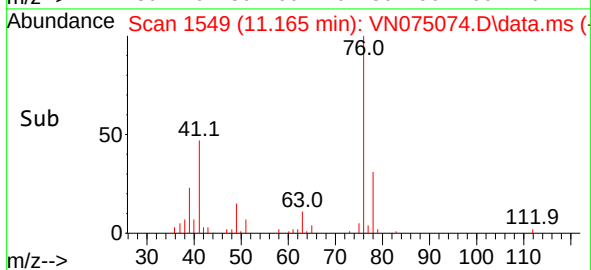
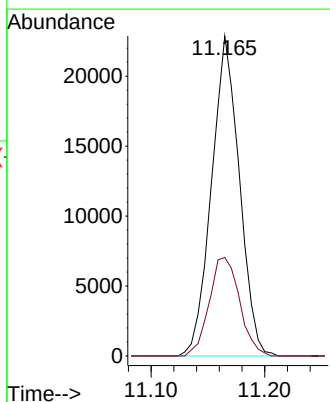
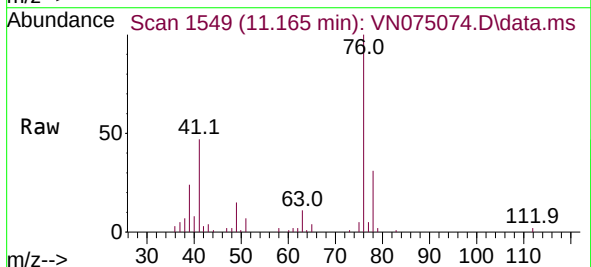
Manual Integrations
APPROVED

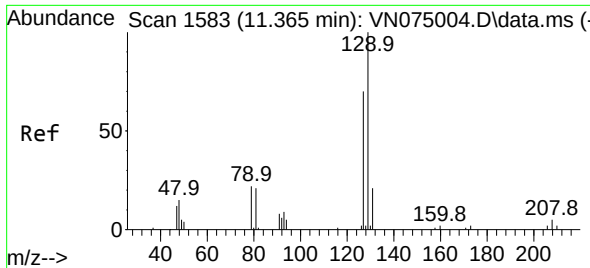
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
1,3-Dichloropropane
Concen: 22.549 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 76 Resp: 38952
Ion Ratio Lower Upper
76 100
78 33.6 0.0 65.4





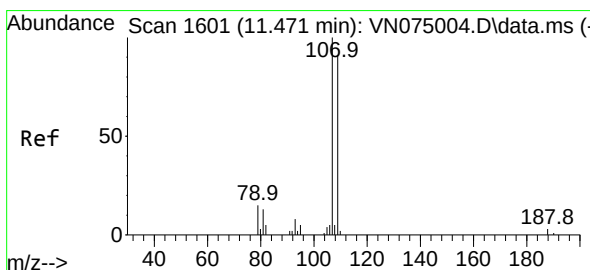
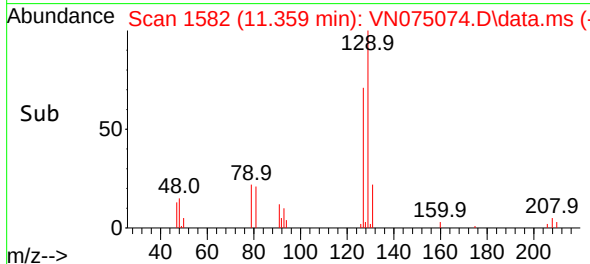
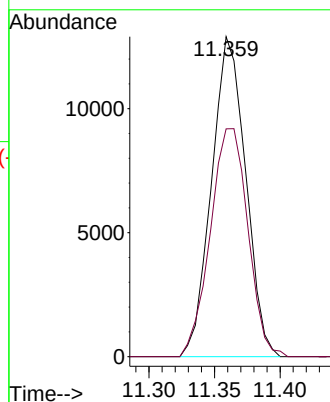
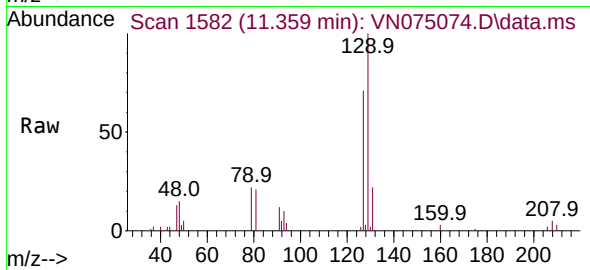
#53
Dibromochloromethane
Concen: 20.876 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:129 Resp: 2332
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0

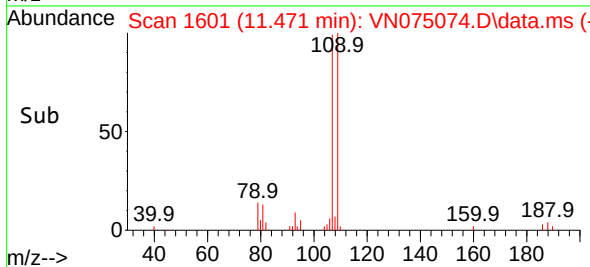
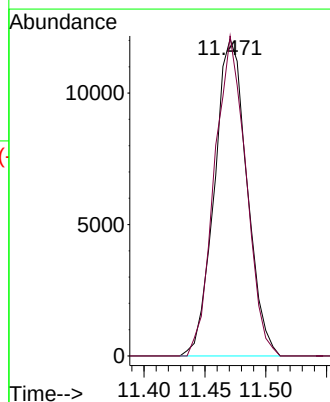
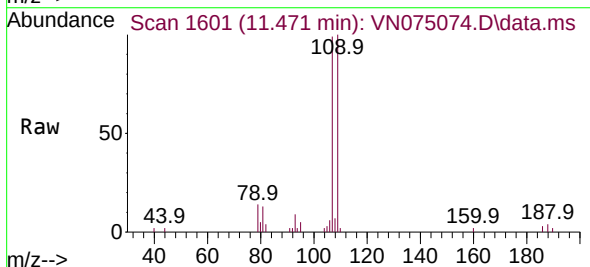
Manual Integrations
APPROVED

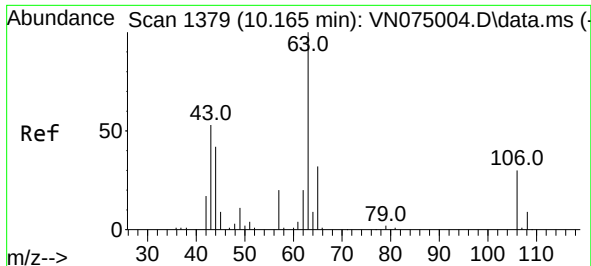
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#54
1,2-Dibromoethane
Concen: 20.959 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

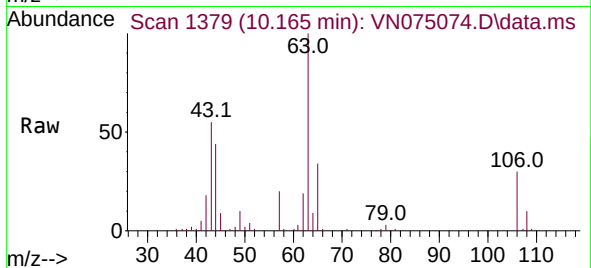
Tgt Ion:107 Resp: 22396
Ion Ratio Lower Upper
107 100
109 97.6 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 125.884 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

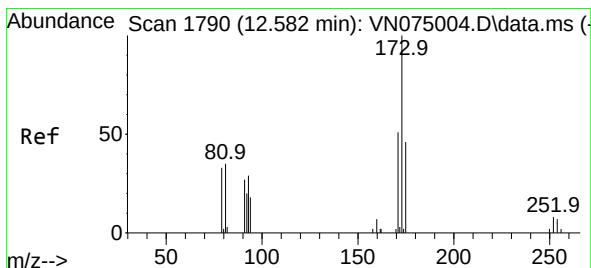
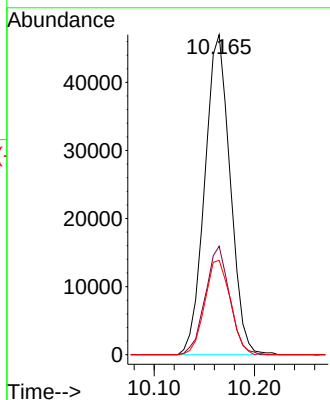
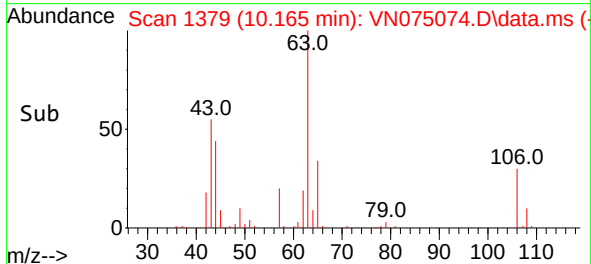
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 63 Resp: 8276
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 29.7 23.2 34.8

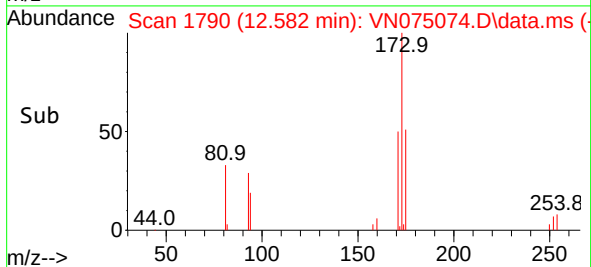
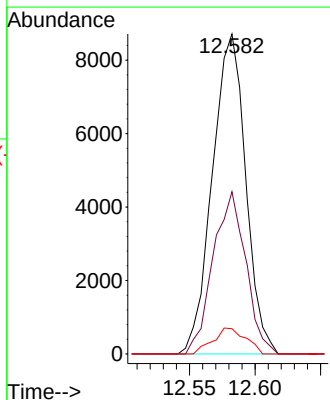
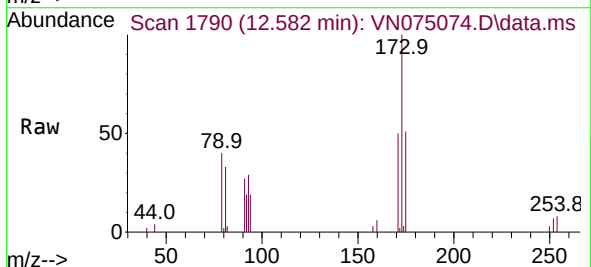
Manual Integrations
APPROVED

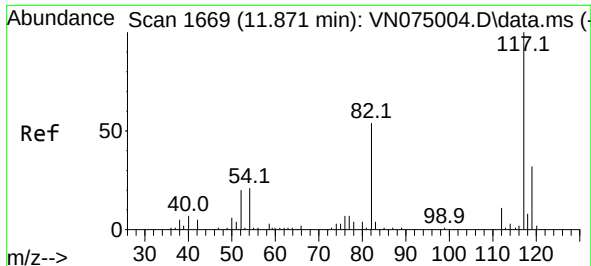
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Bromoform
Concen: 18.781 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion:173 Resp: 15404
Ion Ratio Lower Upper
173 100
175 49.8 38.6 58.0
254 7.9 0.0 0.0#





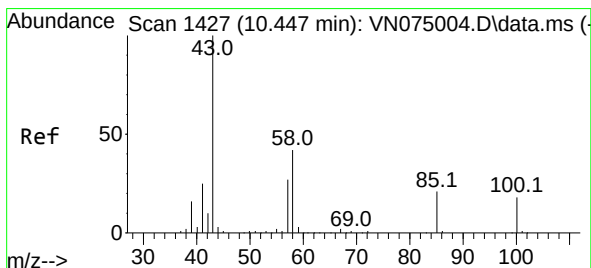
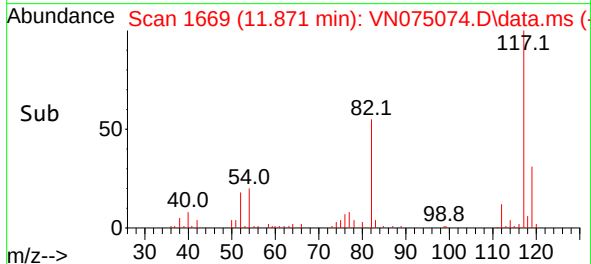
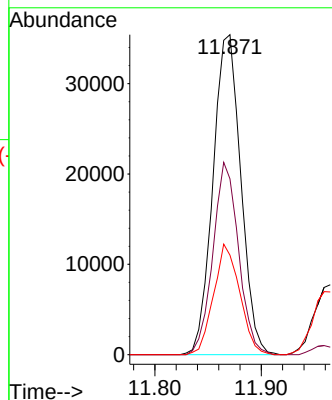
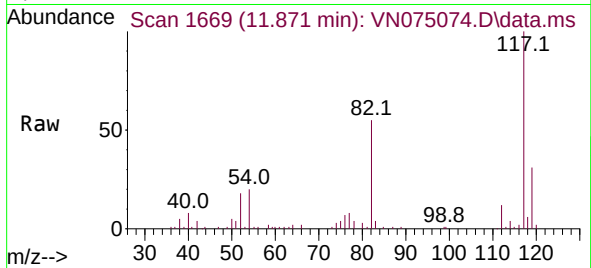
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:117 Resp: 6434
Ion Ratio Lower Upper
117 100
82 55.3 43.6 65.4
119 32.4 25.8 38.6

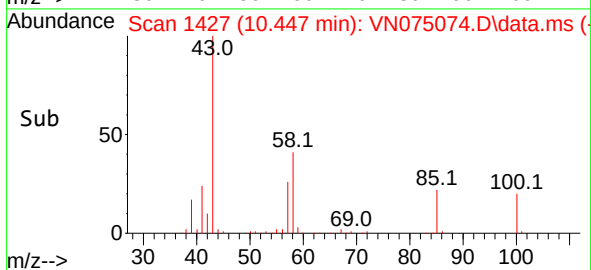
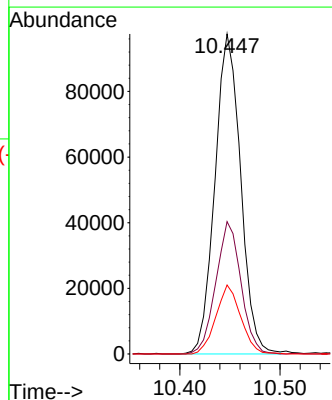
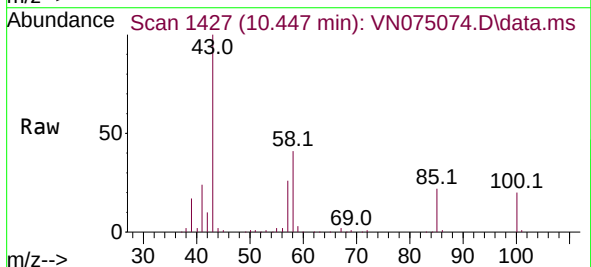
Manual Integrations
APPROVED

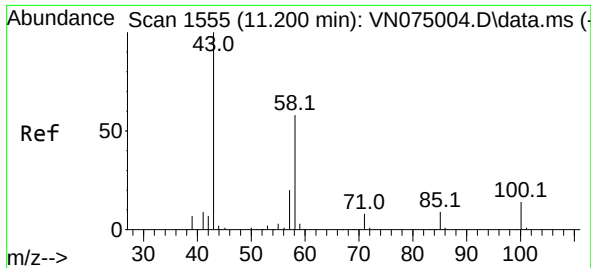
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#58
4-Methyl-2-Pentanone
Concen: 124.687 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

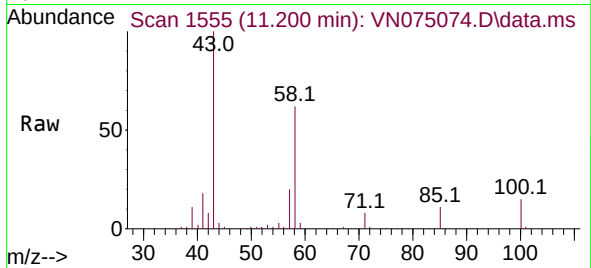
Tgt Ion: 43 Resp: 173060
Ion Ratio Lower Upper
43 100
58 40.4 30.0 45.0
85 20.9 15.0 22.6





#59
2-Hexanone
Concen: 126.097 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

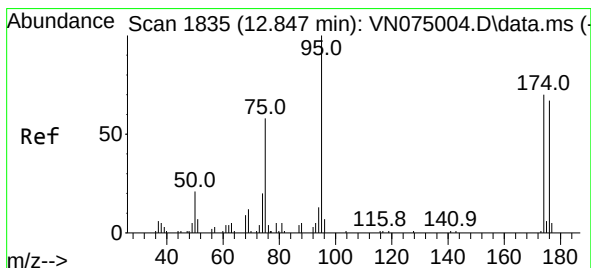
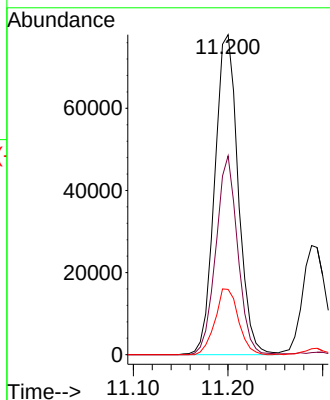
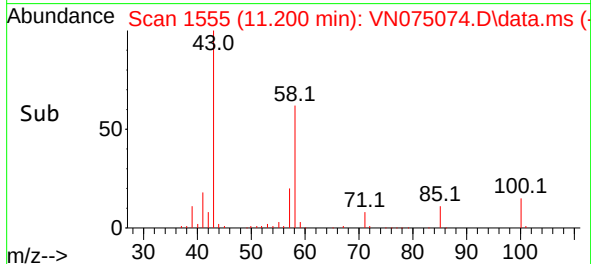
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 43 Resp: 134260
Ion Ratio Lower Upper
43 100
58 57.7 42.2 63.2
57 20.5 15.0 22.4

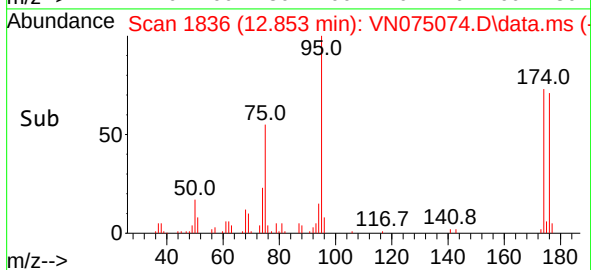
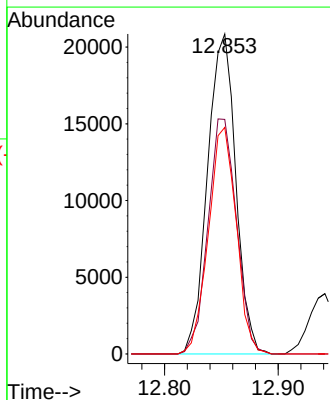
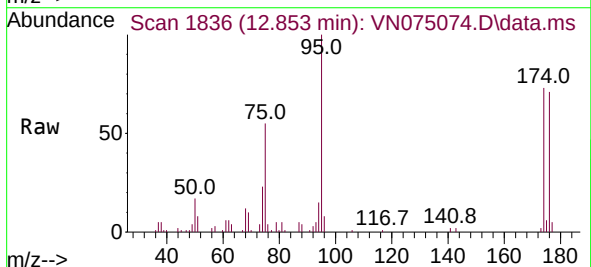
Manual Integrations
APPROVED

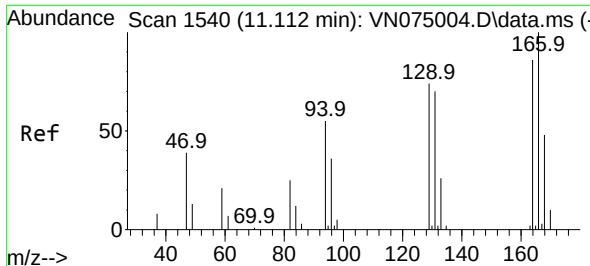
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
4-Bromofluorobenzene
Concen: 28.504 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

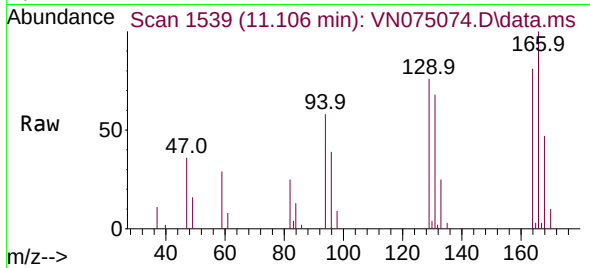
Tgt Ion: 95 Resp: 36038
Ion Ratio Lower Upper
95 100
174 74.2 62.9 94.3
176 69.7 61.0 91.4





#61
Tetrachloroethene
Concen: 17.005 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

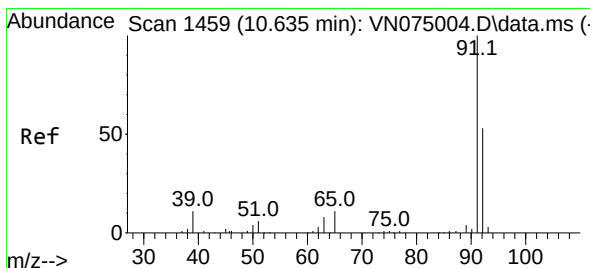
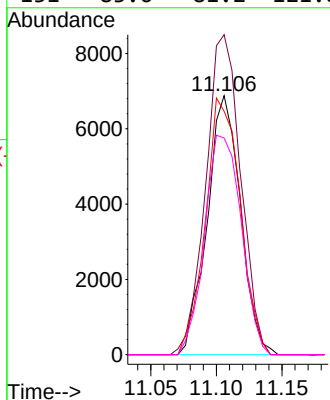
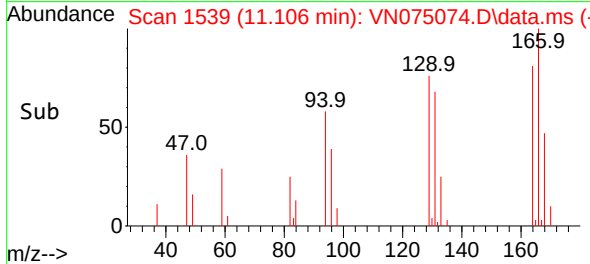
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



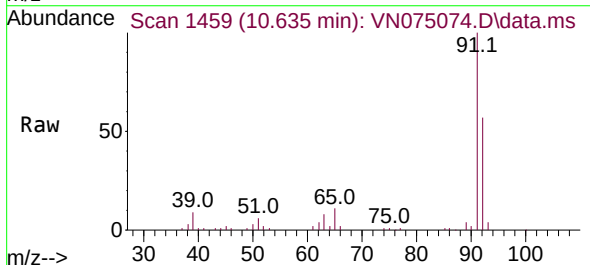
Tgt Ion:164 Resp: 12169
Ion Ratio Lower Upper
164 100
166 123.5 105.8 158.8
129 93.9 82.5 123.7
131 83.6 81.2 121.8

Manual Integrations
APPROVED

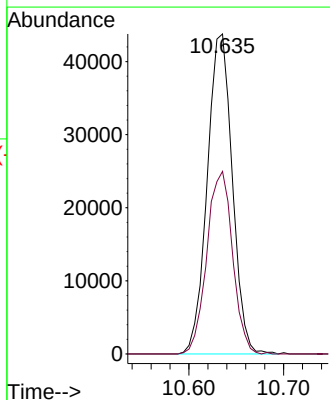
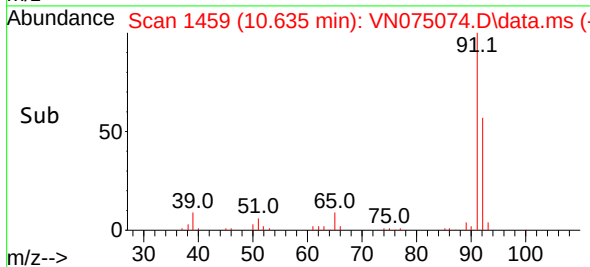
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

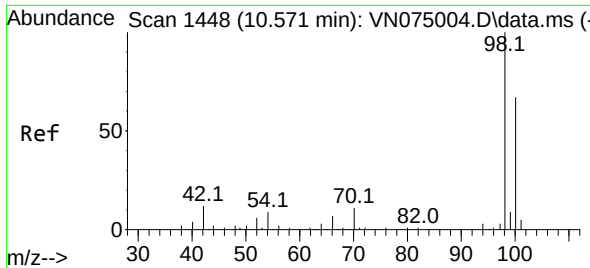


#62
Toluene
Concen: 19.367 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



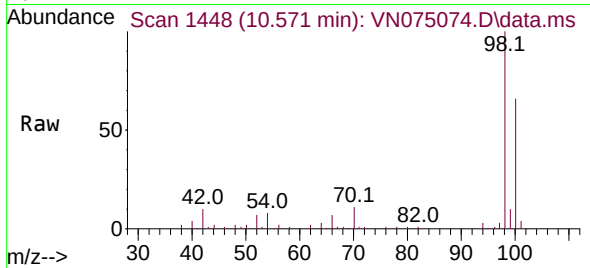
Tgt Ion: 91 Resp: 80683
Ion Ratio Lower Upper
91 100
92 58.3 44.6 67.0





#63
Toluene-d8
Concen: 30.359 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

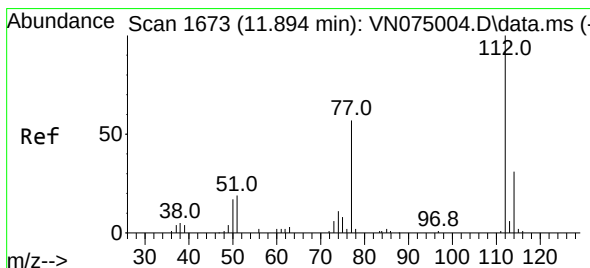
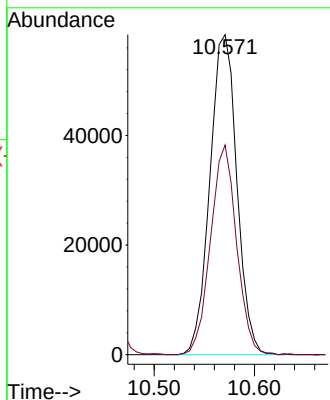
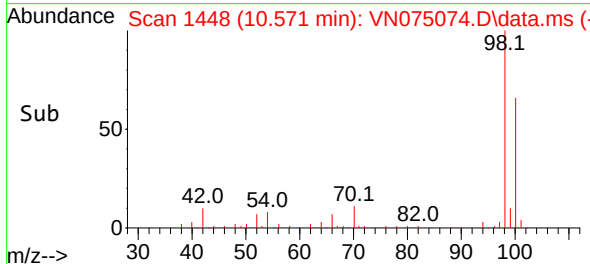
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



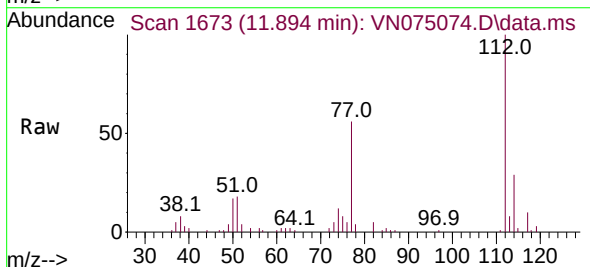
Tgt Ion: 98 Resp: 109260
Ion Ratio Lower Upper
98 100
100 63.2 50.6 76.0

Manual Integrations
APPROVED

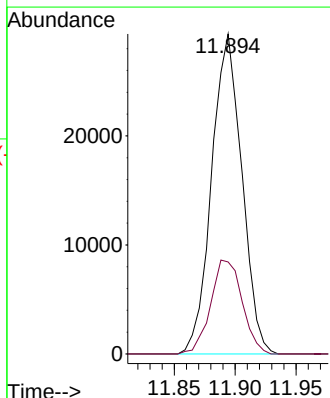
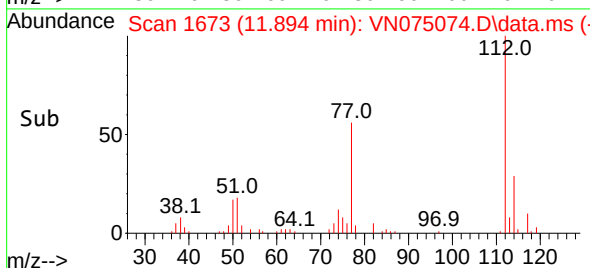
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

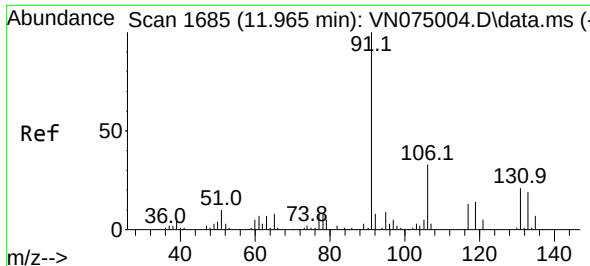


#64
Chlorobenzene
Concen: 19.605 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



Tgt Ion:112 Resp: 50614
Ion Ratio Lower Upper
112 100
114 28.7 25.8 38.6





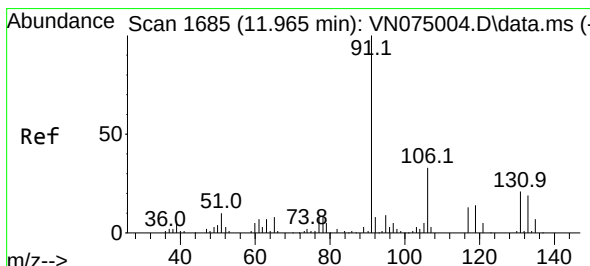
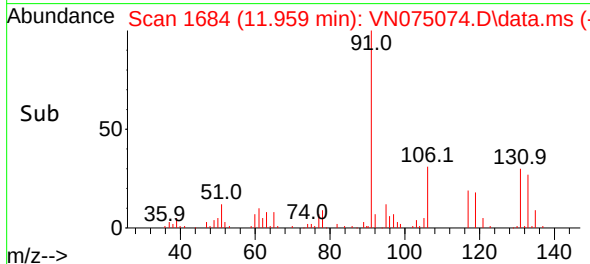
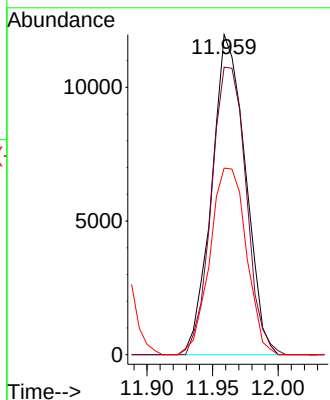
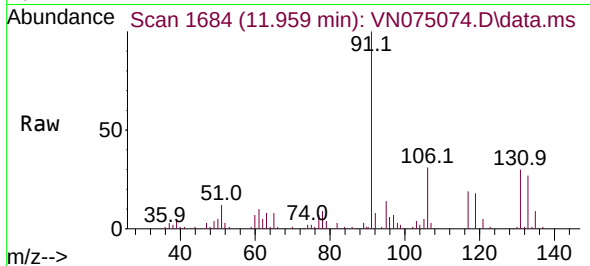
#65
1,1,1,2-Tetrachloroethane
Concen: 21.671 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:131 Resp: 2137
Ion Ratio Lower Upper
131 100
133 92.4 0.0 191.2
119 62.7 0.0 128.8

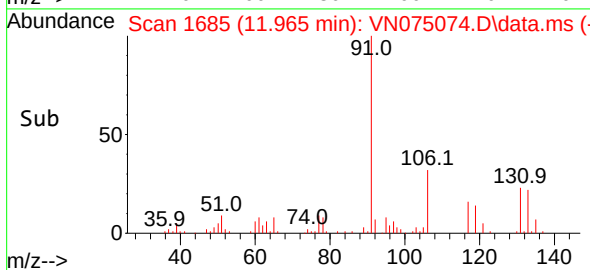
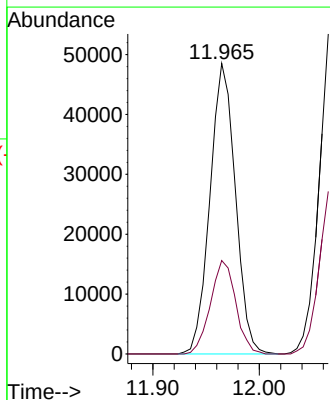
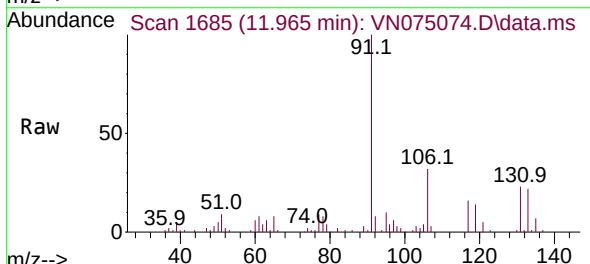
Manual Integrations
APPROVED

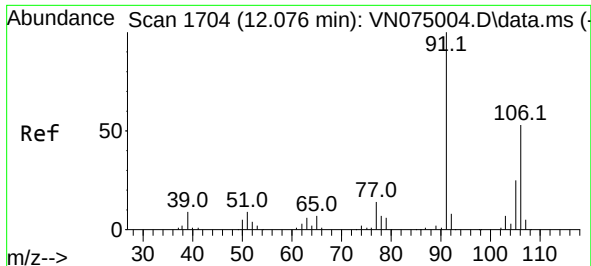
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
Ethyl Benzene
Concen: 17.120 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 91 Resp: 80385
Ion Ratio Lower Upper
91 100
106 32.2 24.0 36.0





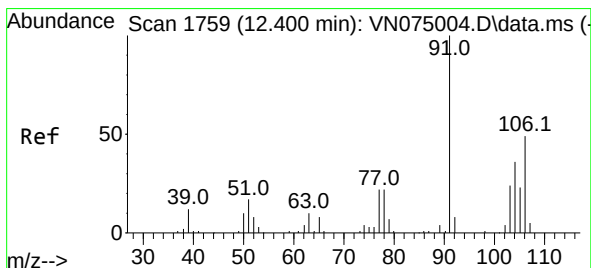
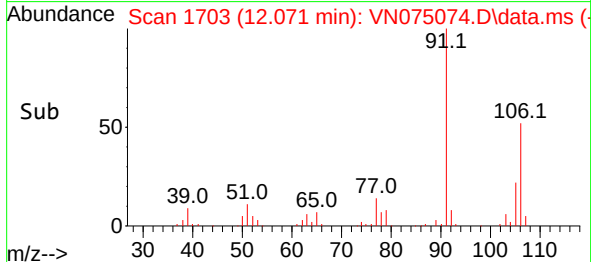
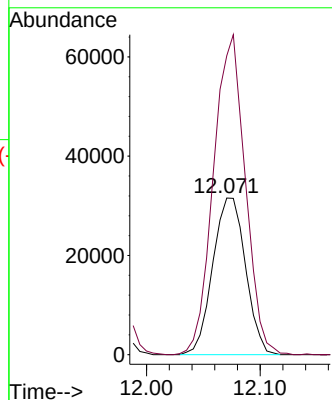
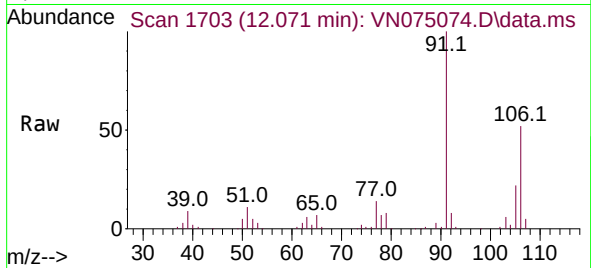
#67
m/p-Xylenes
Concen: 33.609 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:106 Resp: 6328
Ion Ratio Lower Upper
106 100
91 198.2 162.9 244.3

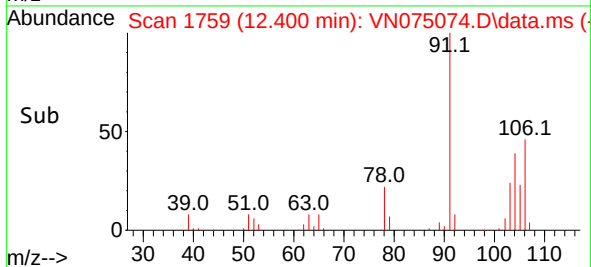
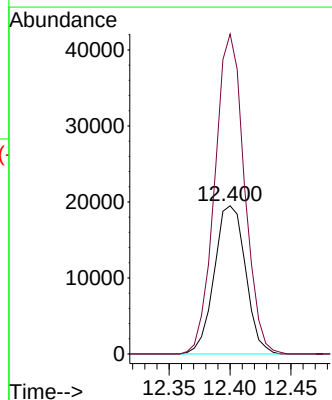
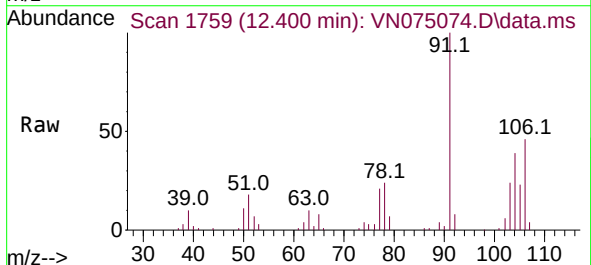
Manual Integrations
APPROVED

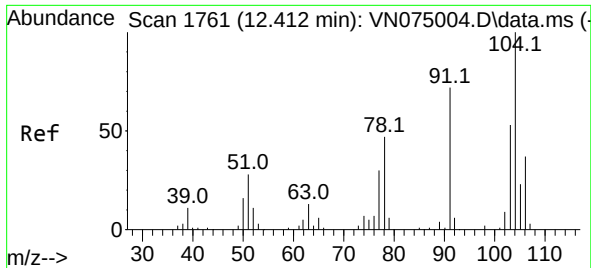
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#68
o-Xylene
Concen: 18.392 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion:106 Resp: 34813
Ion Ratio Lower Upper
106 100
91 204.8 107.7 323.1





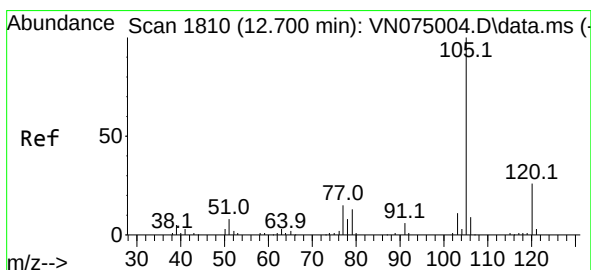
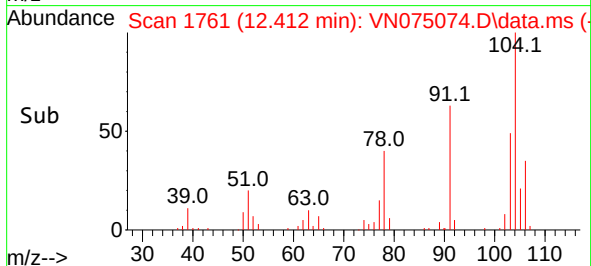
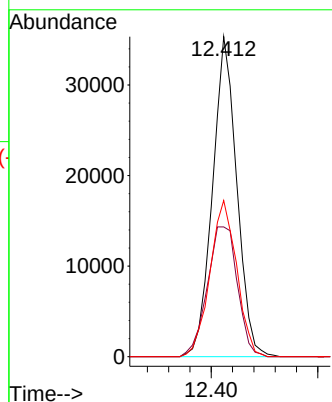
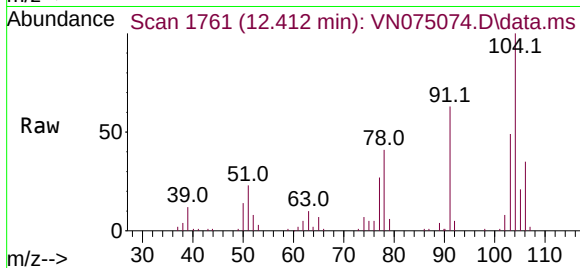
#69
Styrene
Concen: 18.046 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:104 Resp: 5585
Ion Ratio Lower Upper
104 100
78 50.4 40.7 61.1
103 53.8 45.8 68.8

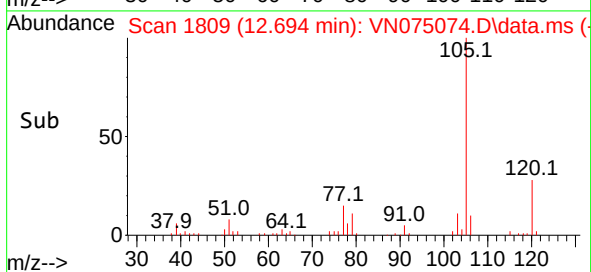
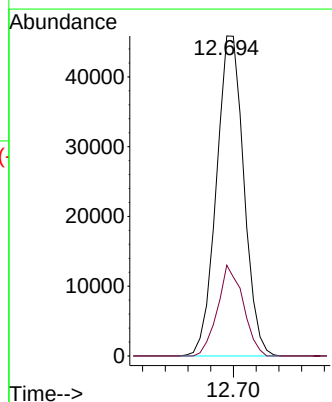
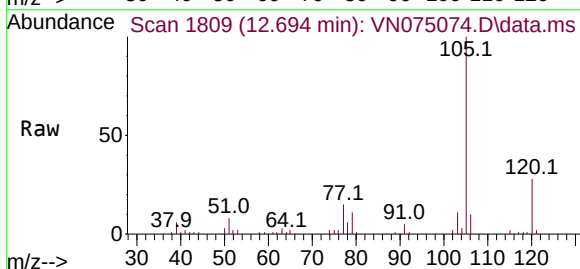
Manual Integrations
APPROVED

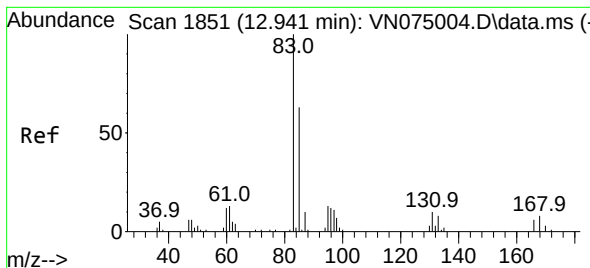
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Isopropylbenzene
Concen: 15.622 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

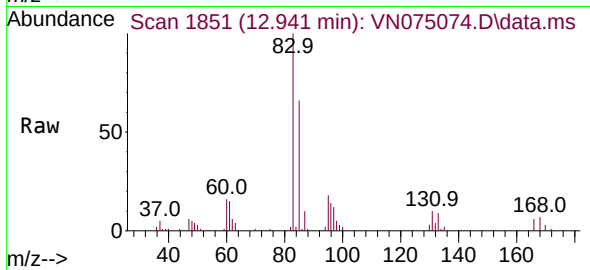
Tgt Ion:105 Resp: 77041
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 23.835 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

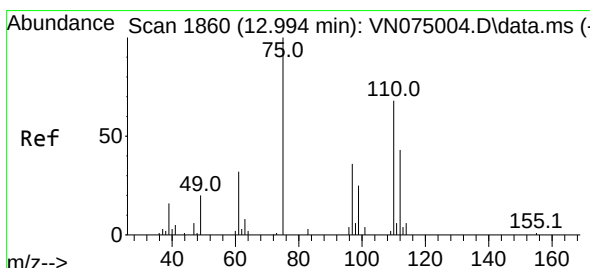
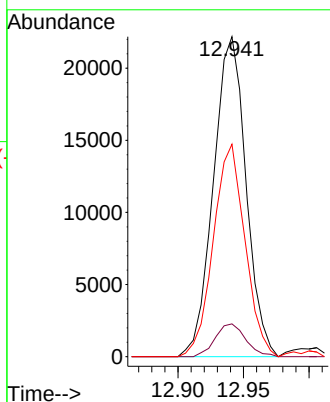
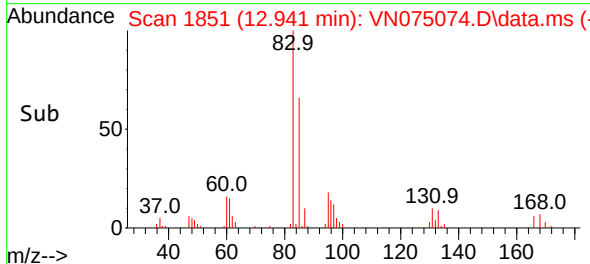
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



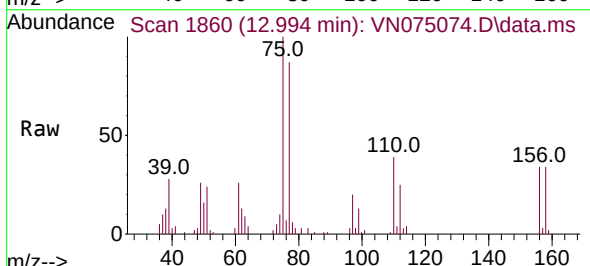
Tgt Ion: 83 Resp: 38290
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.4 33.1 99.2

Manual Integrations
APPROVED

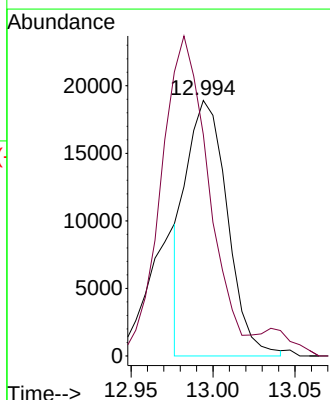
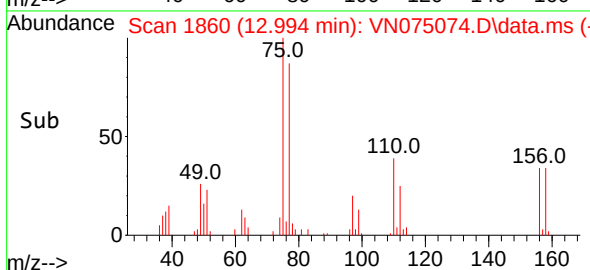
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

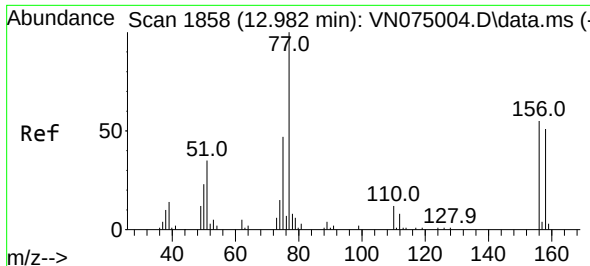


#72
1,2,3-Trichloropropane
Concen: 22.642 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



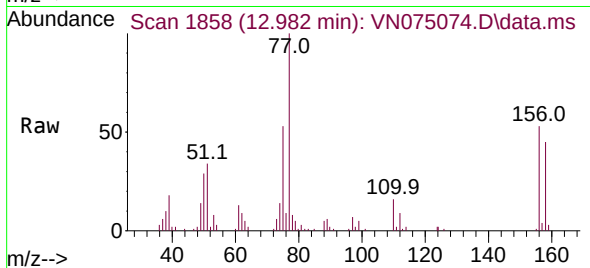
Tgt Ion: 75 Resp: 33030
Ion Ratio Lower Upper
75 100
77 143.6 0.0 378.0





#73
Bromobenzene
Concen: 18.908 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

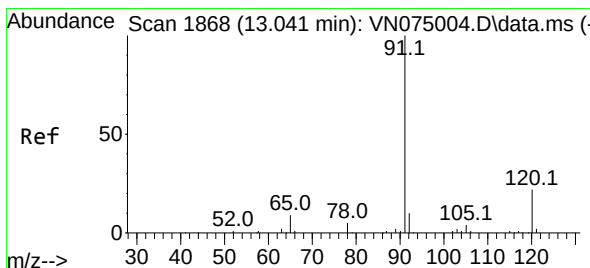
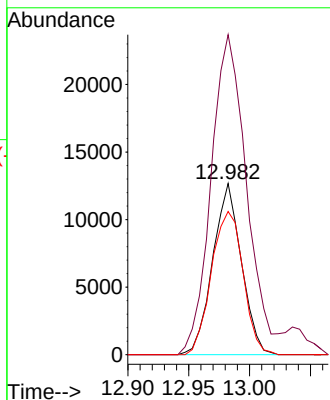
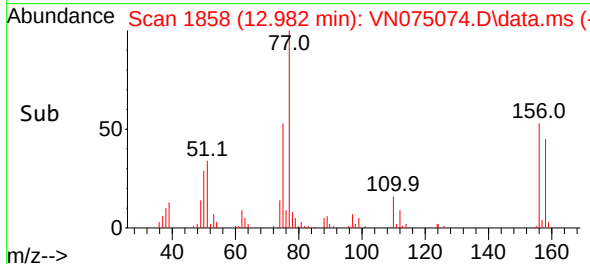
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



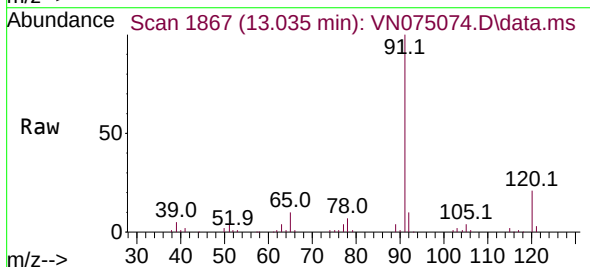
Tgt Ion:156 Resp: 20750
Ion Ratio Lower Upper
156 100
77 228.5 0.0 416.0
158 92.5 0.0 195.4

Manual Integrations
APPROVED

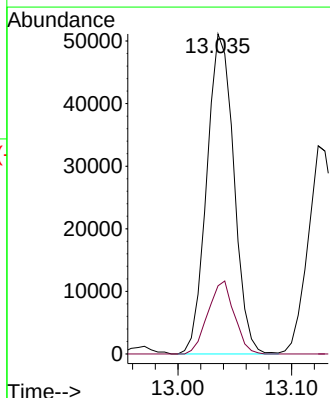
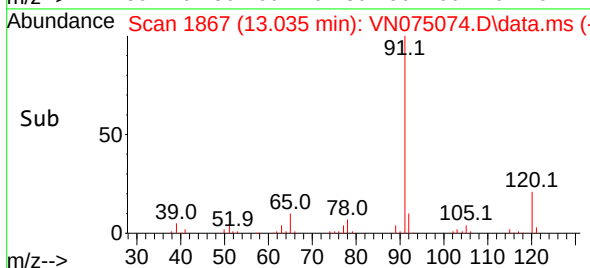
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

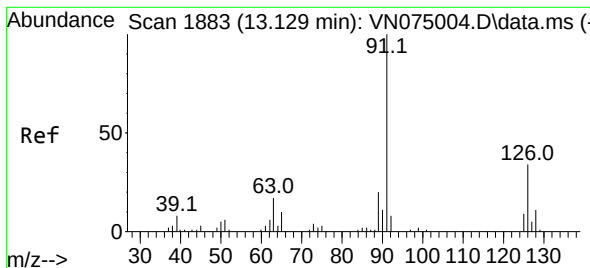


#74
n-propylbenzene
Concen: 15.335 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



Tgt Ion: 91 Resp: 84689
Ion Ratio Lower Upper
91 100
120 22.1 0.0 45.0





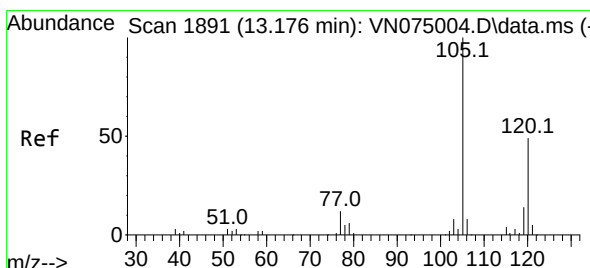
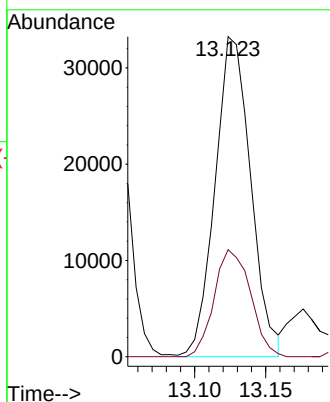
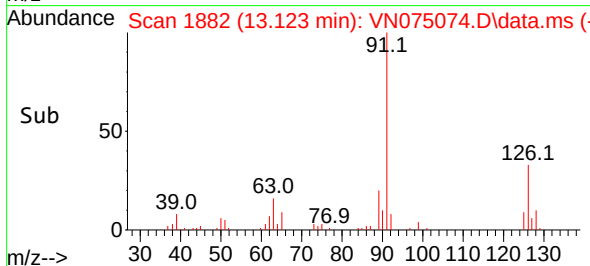
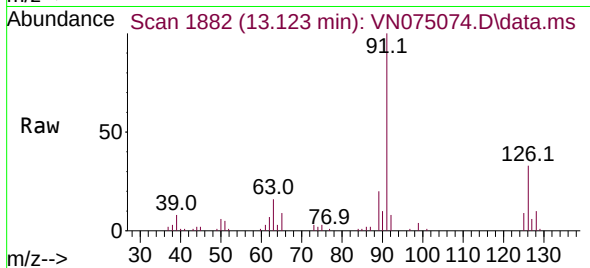
#75
2-Chlorotoluene
Concen: 17.308 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 91 Resp: 58172
Ion Ratio Lower Upper
91 100
126 33.9 0.0 69.8

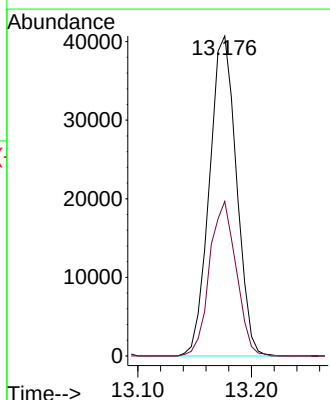
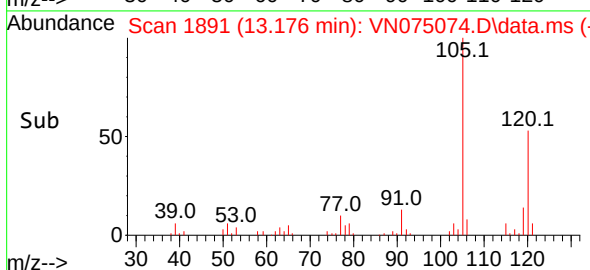
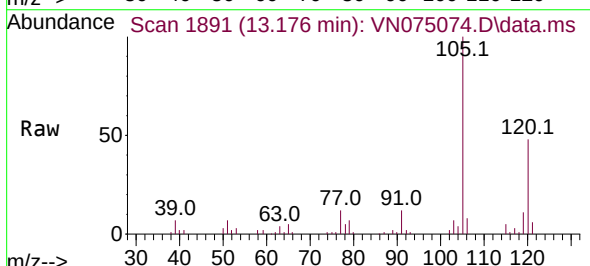
Manual Integrations
APPROVED

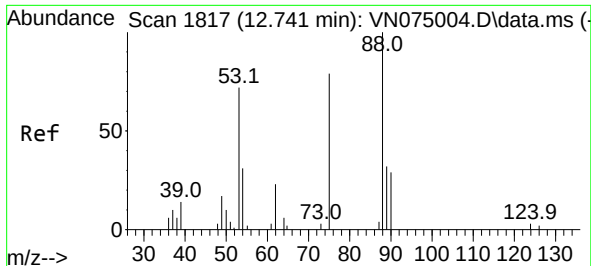
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,3,5-Trimethylbenzene
Concen: 16.119 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

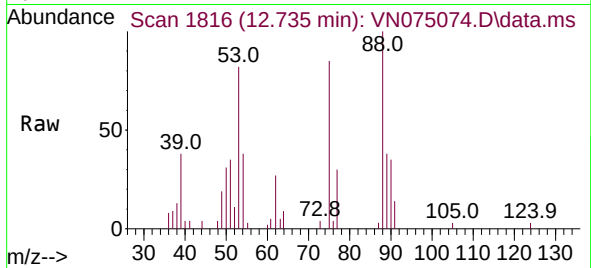
Tgt Ion:105 Resp: 67342
Ion Ratio Lower Upper
105 100
120 47.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.176 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

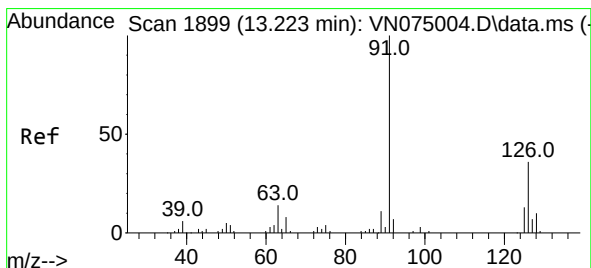
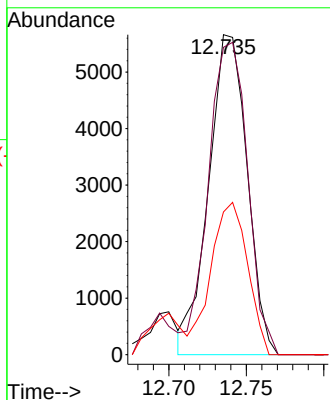
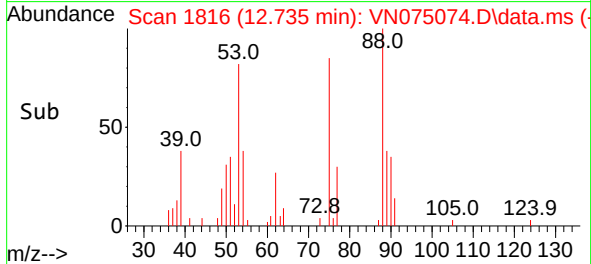
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 75 Resp: 977
Ion Ratio Lower Upper
75 100
53 96.1 51.8 155.5
89 44.6 22.9 68.7

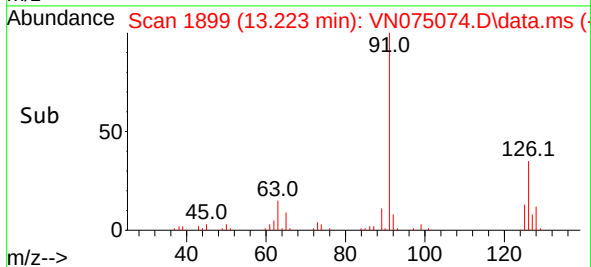
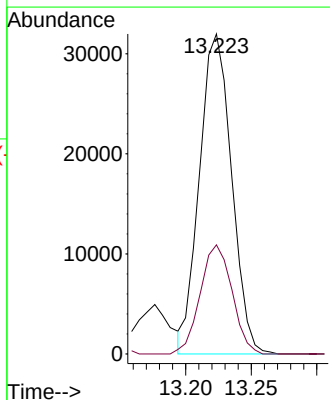
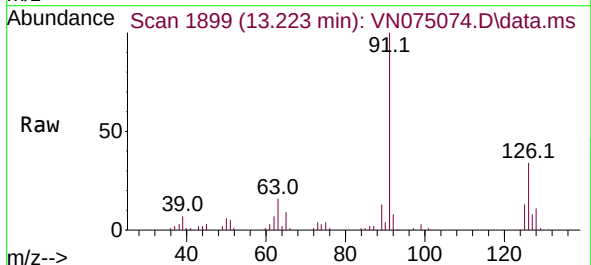
Manual Integrations
APPROVED

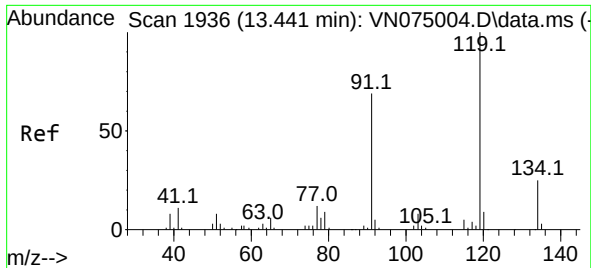
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#78
4-Chlorotoluene
Concen: 16.702 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 91 Resp: 54523
Ion Ratio Lower Upper
91 100
126 33.7 0.0 70.6





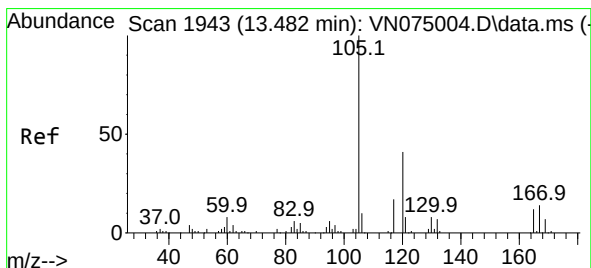
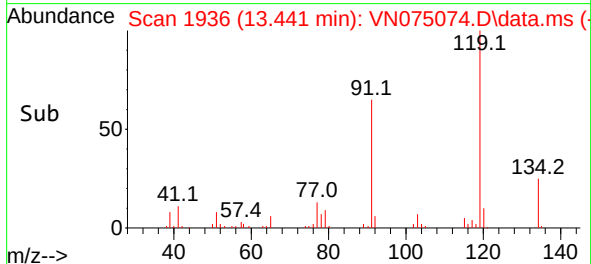
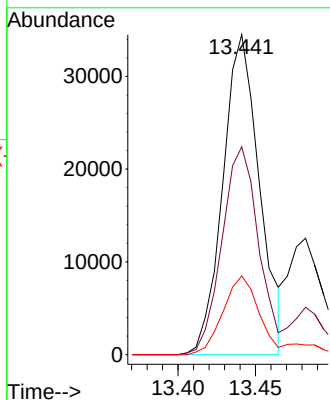
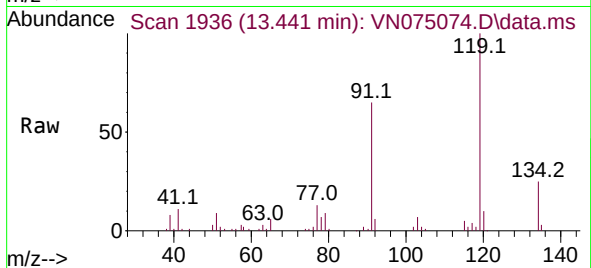
#79
tert-butylbenzene
Concen: 15.194 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:119 Resp: 56670
Ion Ratio Lower Upper
119 100
91 65.0 0.0 137.0
134 23.8 0.0 47.6

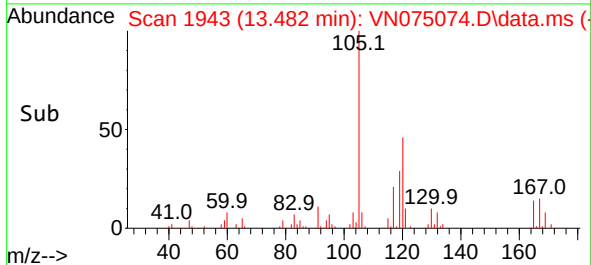
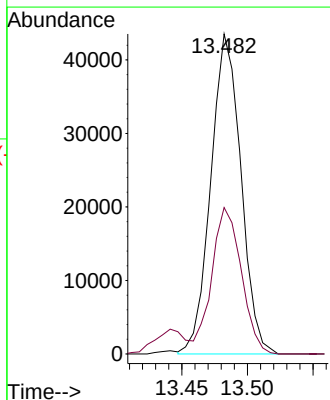
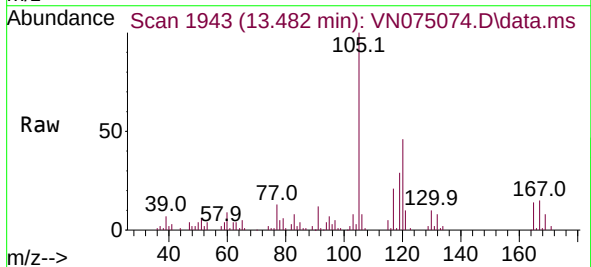
Manual Integrations
APPROVED

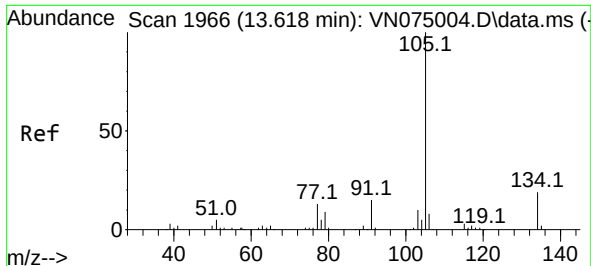
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,2,4-Trimethylbenzene
Concen: 16.338 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion:105 Resp: 69433
Ion Ratio Lower Upper
105 100
120 44.6 0.0 0.2#





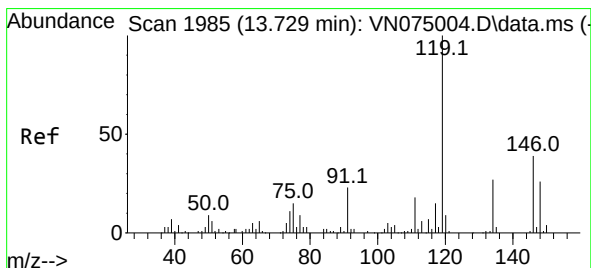
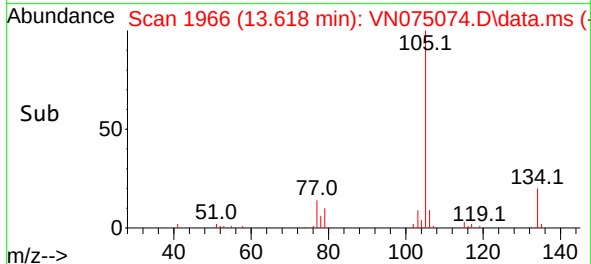
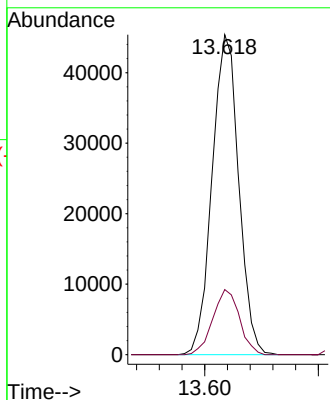
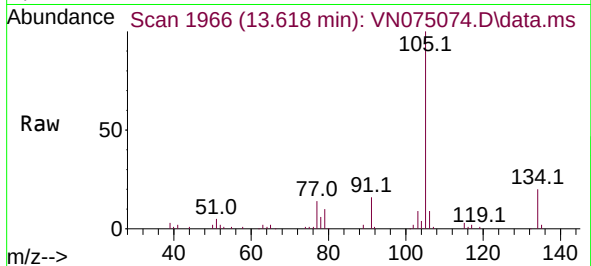
#81
 sec-Butylbenzene
 Concen: 14.049 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075074.D
 Acq: 28 Oct 2022 20:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Tgt Ion:105 Resp: 73674
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.4

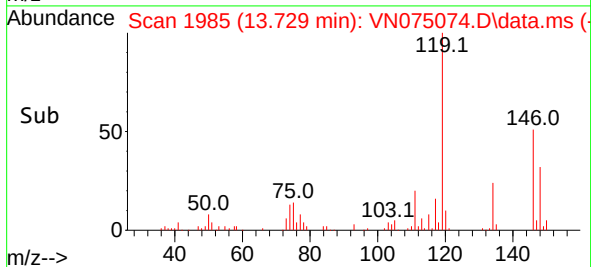
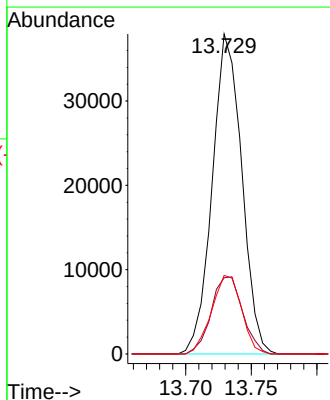
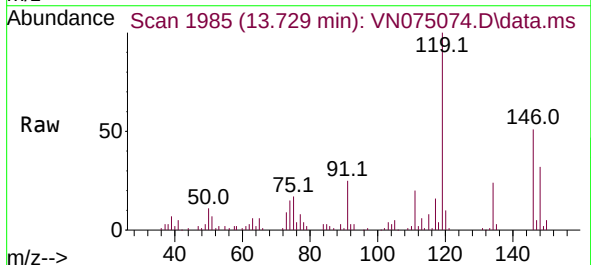
Manual Integrations
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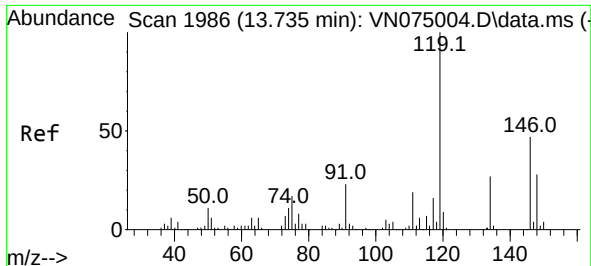
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#82
 p-Isopropyltoluene
 Concen: 13.410 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075074.D
 Acq: 28 Oct 2022 20:36

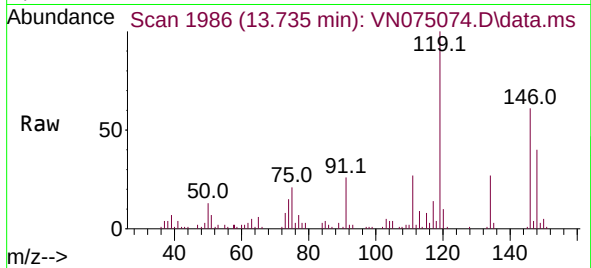
Tgt Ion:119 Resp: 59323
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.8
 91 24.9 0.0 50.4





#83
 1,3-Dichlorobenzene
 Concen: 16.289 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075074.D
 Acq: 28 Oct 2022 20:36

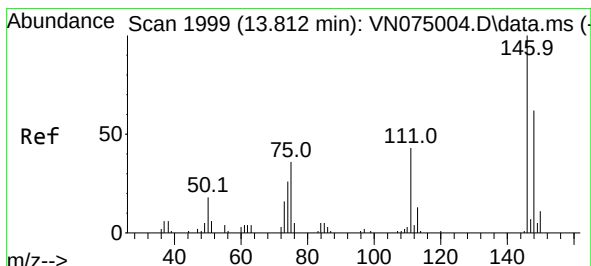
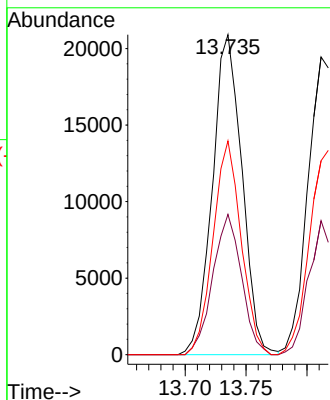
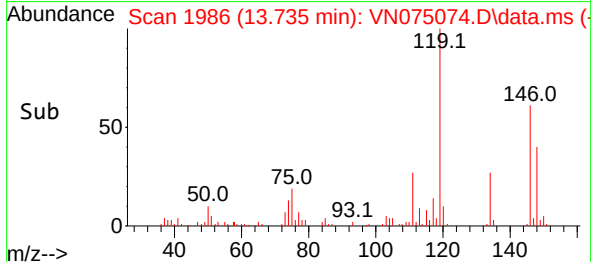
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01



Tgt Ion:146 Resp: 3536
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.8 62.2
 148 63.2 31.4 94.3

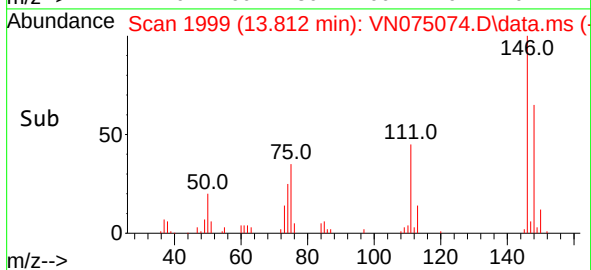
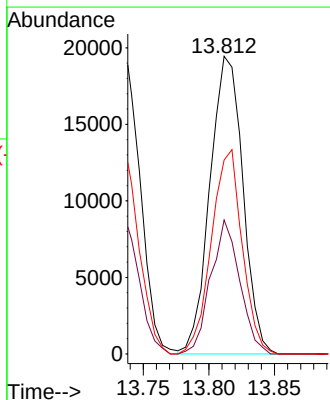
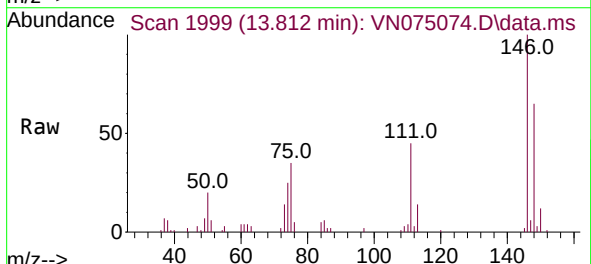
Manual Integrations
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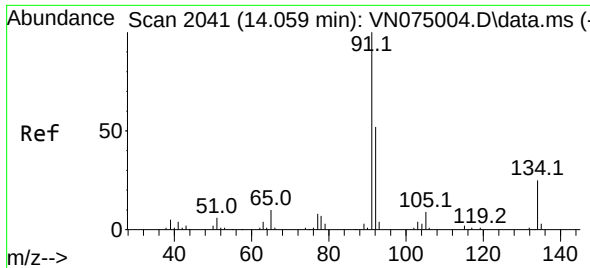
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#84
 1,4-Dichlorobenzene
 Concen: 16.226 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN075074.D
 Acq: 28 Oct 2022 20:36

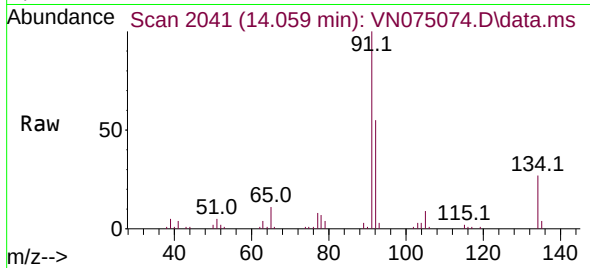
Tgt Ion:146 Resp: 33983
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.5 58.5
 148 64.2 31.1 93.5





#85
n-Butylbenzene
Concen: 13.097 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

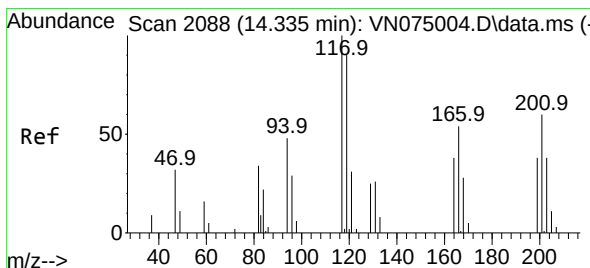
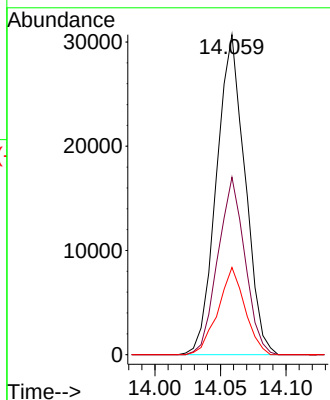
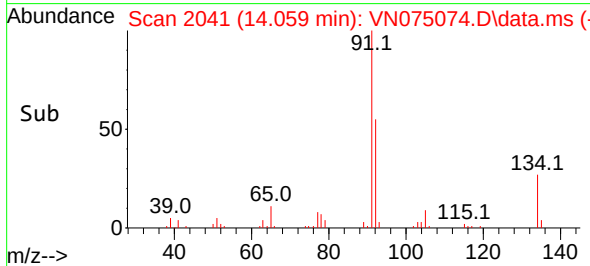
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 91 Resp: 46474
Ion Ratio Lower Upper
91 100
92 52.5 0.0 100.6
134 25.7 0.0 50.2

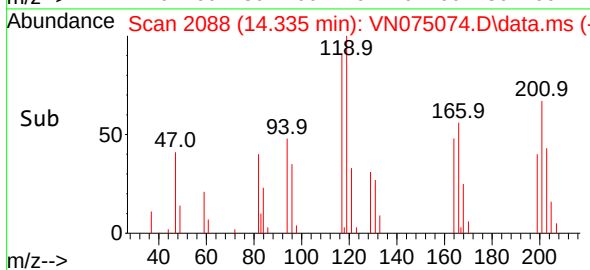
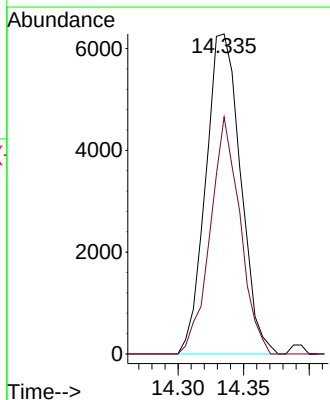
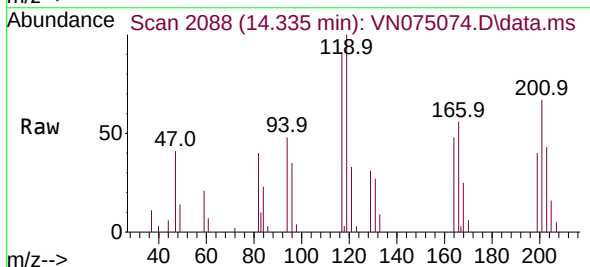
Manual Integrations
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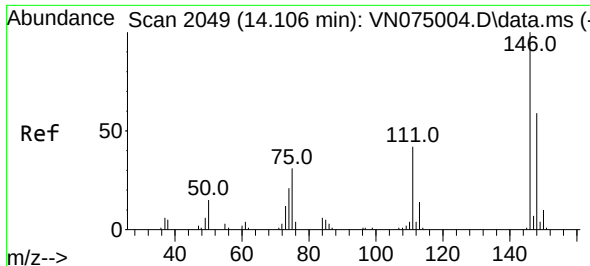
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#86
Hexachloroethane
Concen: 14.158 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

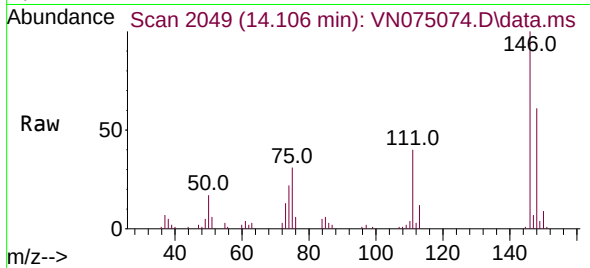
Tgt Ion:117 Resp: 11607
Ion Ratio Lower Upper
117 100
201 63.5 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 17.813 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

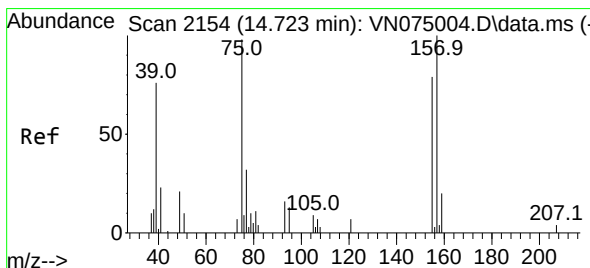
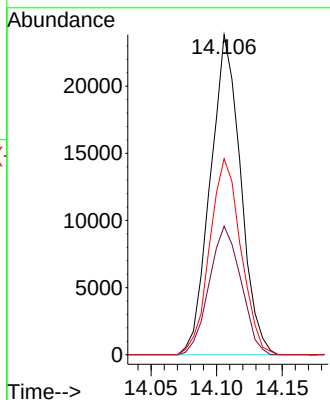
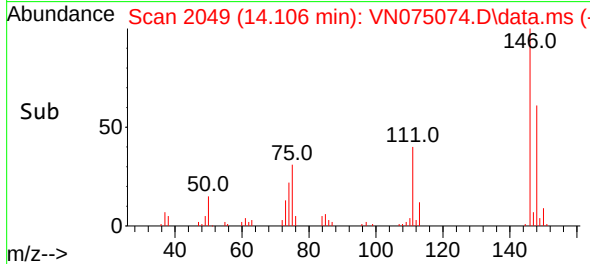
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:146 Resp: 38249
Ion Ratio Lower Upper
146 100
111 42.0 21.4 64.2
148 63.2 32.5 97.4

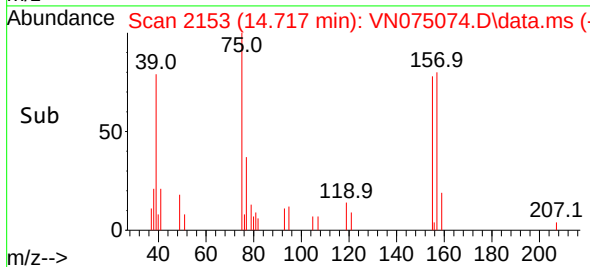
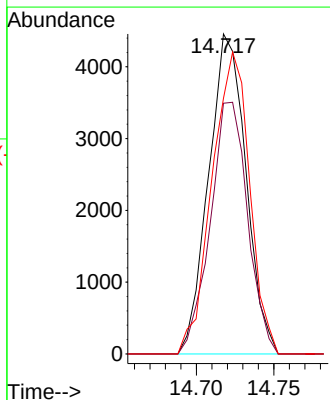
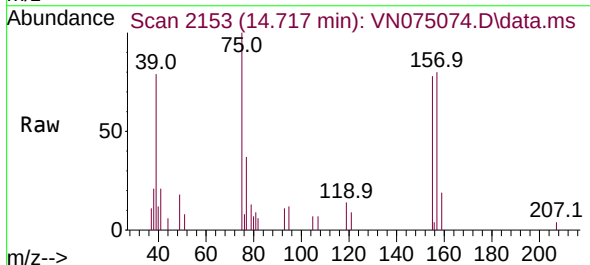
Manual Integrations
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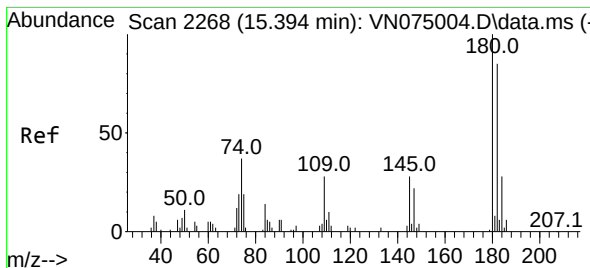
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.081 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

Tgt Ion: 75 Resp: 7456
Ion Ratio Lower Upper
75 100
155 78.6 63.8 95.8
157 95.2 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 15.935 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075074.D

Acq: 28 Oct 2022 20:36

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

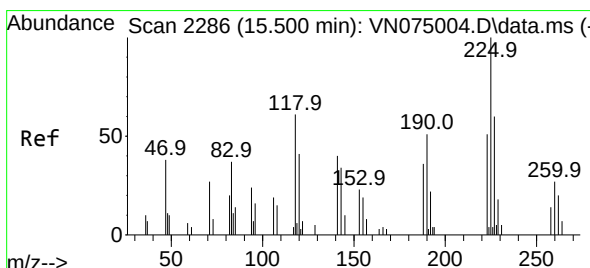
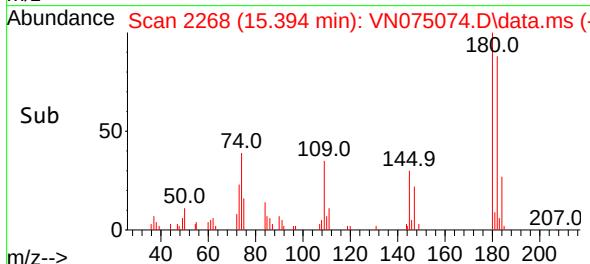
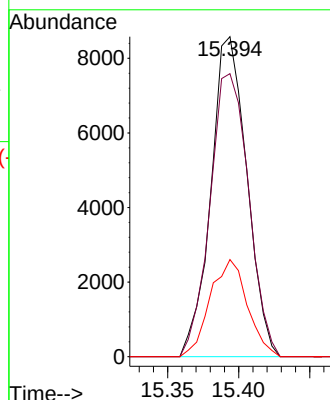
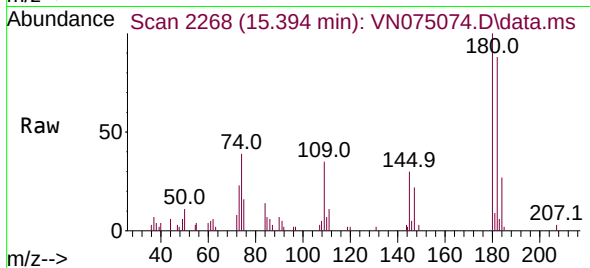
Tgt Ion:	180	Resp:	1511
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.7	116.5
145	31.4	26.6	39.8

Manual Integrations

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Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#90

Hexachlorobutadiene

Concen: 13.678 ug/l

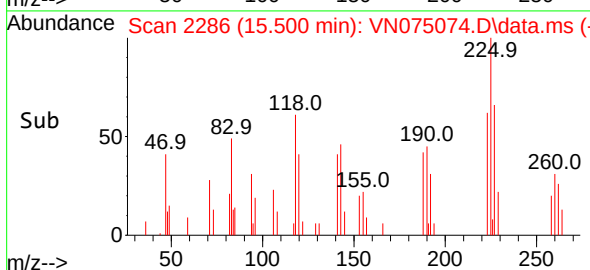
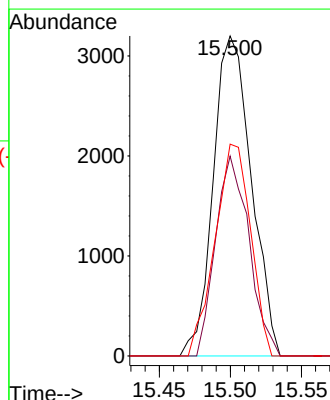
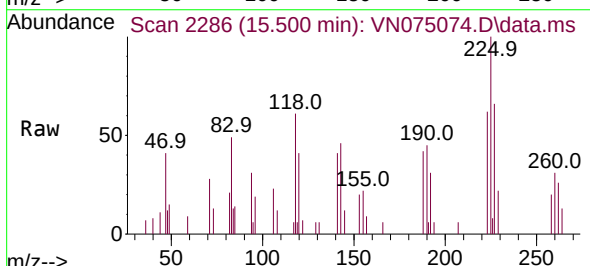
RT: 15.500 min Scan# 2286

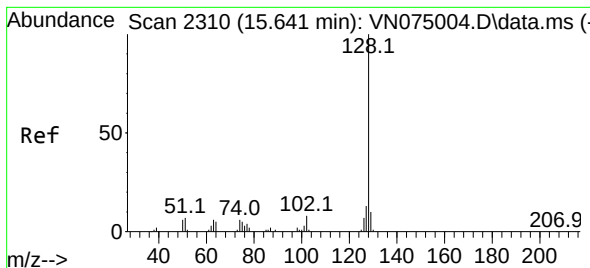
Delta R.T. 0.000 min

Lab File: VN075074.D

Acq: 28 Oct 2022 20:36

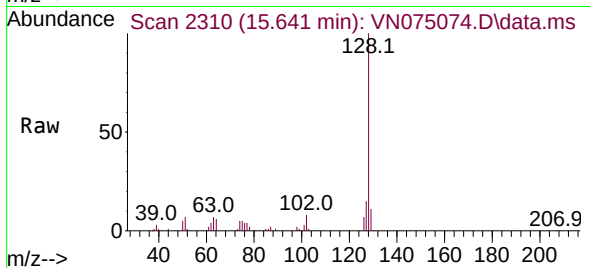
Tgt Ion:	225	Resp:	5966
Ion Ratio	Lower	Upper	
225	100		
223	55.0	0.0	126.8
227	61.8	0.0	123.0





#91
Naphthalene
Concen: 18.081 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36

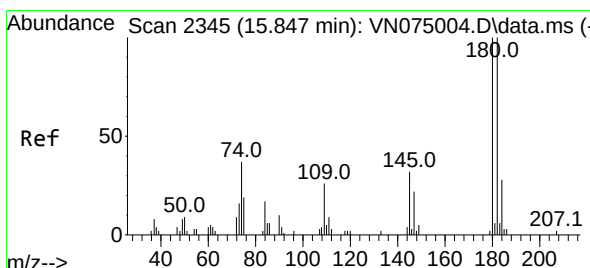
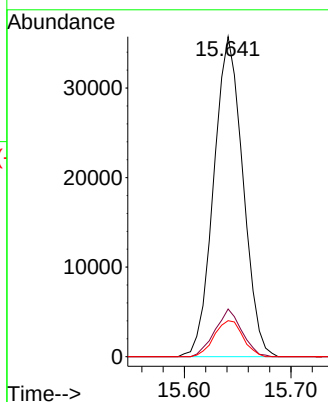
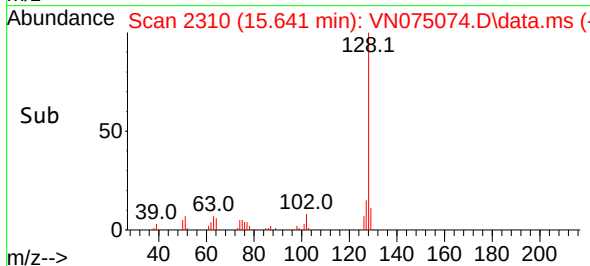
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



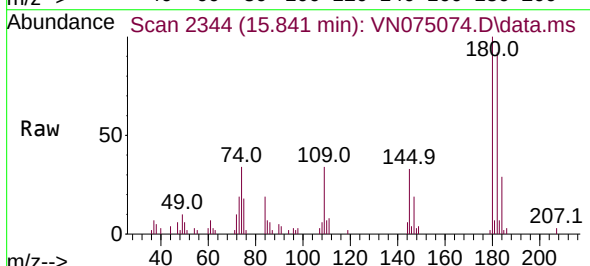
Tgt Ion:128 Resp: 6796
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
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Reviewed By :John Carbone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.576 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.006 min
Lab File: VN075074.D
Acq: 28 Oct 2022 20:36



Tgt Ion:180 Resp: 16874
Ion Ratio Lower Upper
180 100
182 94.0 0.0 190.0
145 34.6 0.0 67.8

