

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075440.D
 Acq On : 28 Nov 2022 11:43
 Operator : JC\MD
 Sample : VN1128WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Quant Time: Nov 29 05:30:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	158974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	42045	49.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.540%		
35) Dibromofluoromethane	8.171	113	50088	48.632	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	10.565	98	115881	49.955	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.900%		
62) 4-Bromofluorobenzene	12.853	95	85987	50.220	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	22302	18.346	ug/l	100
3) Chloromethane	2.371	50	28275	18.693	ug/l	95
4) Vinyl Chloride	2.524	62	36787	19.298	ug/l #	84
5) Bromomethane	2.959	94	31111	18.559	ug/l	100
6) Chloroethane	3.130	64	29140	20.174	ug/l	99
7) Trichlorofluoromethane	3.512	101	51830	19.032	ug/l	99
8) Diethyl Ether	3.971	74	18878	19.778	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	30593	20.349	ug/l	93
10) Methyl Iodide	4.600	142	46011	18.887	ug/l	98
11) Tert butyl alcohol	5.536	59	31221	87.154	ug/l	98
12) 1,1-Dichloroethene	4.353	96	28058	19.059	ug/l	92
13) Acrolein	4.195	56	26532	85.018	ug/l	99
14) Allyl chloride	5.042	41	33272	17.472	ug/l	95
15) Acrylonitrile	5.736	53	82362	100.213	ug/l	99
16) Acetone	4.442	43	76180	95.708	ug/l	90
17) Carbon Disulfide	4.724	76	64401	16.833	ug/l	98
18) Methyl Acetate	5.036	43	43939	21.150	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	101663	19.494	ug/l	99
20) Methylene Chloride	5.289	84	33542	20.014	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	30815	18.367	ug/l	93
22) Diisopropyl ether	6.683	45	86572	19.922	ug/l	97
23) Vinyl Acetate	6.612	43	338177m	97.818	ug/l	
24) 1,1-Dichloroethane	6.577	63	54795	19.645	ug/l	100
25) 2-Butanone	7.494	43	106477	95.816	ug/l	98
26) 2,2-Dichloropropane	7.500	77	49807	19.213	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	37952	20.005	ug/l	93
28) Bromochloromethane	7.824	49	23566	20.814	ug/l	89
29) Tetrahydrofuran	7.847	42	68798	101.780	ug/l	99
30) Chloroform	7.971	83	61221	19.113	ug/l	100
31) Cyclohexane	8.265	56	49394	18.218	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	56558	19.446	ug/l	96
36) 1,1-Dichloropropene	8.377	75	43972	19.577	ug/l	98
37) Ethyl Acetate	7.571	43	42927	21.226	ug/l	99
38) Carbon Tetrachloride	8.365	117	50427	20.438	ug/l	94
39) Methylcyclohexane	9.606	83	56297	20.027	ug/l	95
40) Benzene	8.612	78	135857	19.756	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	19927	19.272	ug/l	91
42) 1,2-Dichloroethane	8.677	62	46207	20.063	ug/l	98
43) Isopropyl Acetate	8.694	43	65918	20.306	ug/l	99
44) Trichloroethene	9.359	130	37642	20.005	ug/l	91
45) 1,2-Dichloropropane	9.624	63	33192	20.254	ug/l	93
46) Dibromomethane	9.712	93	25039	20.200	ug/l	93
47) Bromodichloromethane	9.888	83	48532	20.218	ug/l #	97
48) Methyl methacrylate	9.682	41	31385	20.909	ug/l	97
49) 1,4-Dioxane	9.700	88	16977	398.306	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	215786	104.365	ug/l	98
52) Toluene	10.635	92	88853	20.050	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	48247	20.021	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	53840	20.571	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	37024	20.513	ug/l	94
56) Ethyl methacrylate	10.876	69	50367	20.663	ug/l	96
57) 1,3-Dichloropropane	11.165	76	59695	20.284	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	88819	101.035	ug/l	97
59) 2-Hexanone	11.200	43	158482	102.077	ug/l	98
60) Dibromochloromethane	11.359	129	39930	21.553	ug/l	97
61) 1,2-Dibromoethane	11.471	107	36742	19.613	ug/l	98
64) Tetrachloroethene	11.106	164	36579	20.286	ug/l #	84
65) Chlorobenzene	11.894	112	99984	20.504	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	37190	20.434	ug/l	97
67) Ethyl Benzene	11.965	91	170127	20.449	ug/l	97
68) m/p-Xylenes	12.070	106	141626	41.921	ug/l	97
69) o-Xylene	12.400	106	67611	20.142	ug/l	96
70) Styrene	12.412	104	107920	20.381	ug/l	98
71) Bromoform	12.582	173	28525	20.593	ug/l #	98
73) Isopropylbenzene	12.700	105	176378	20.363	ug/l	99
74) N-amyl acetate	12.500	43	53846	20.221	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	54407	20.603	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	46708m	20.837	ug/l	
77) Bromobenzene	12.982	156	42634	19.938	ug/l	86
78) n-propylbenzene	13.041	91	199276	20.616	ug/l	99
79) 2-Chlorotoluene	13.129	91	120095	20.620	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	149243	20.739	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	15764	20.808	ug/l	96
82) 4-Chlorotoluene	13.129	91	120095	20.620	ug/l	96
83) tert-Butylbenzene	13.441	119	132979	20.268	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	150798	20.892	ug/l	99
85) sec-Butylbenzene	13.617	105	185907	20.883	ug/l	99
86) p-Isopropyltoluene	13.729	119	157086	20.972	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	79119	19.528	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	81220	19.735	ug/l	98
89) n-Butylbenzene	14.059	91	123204	19.475	ug/l	99
90) Hexachloroethane	14.335	117	26818	20.755	ug/l	87
91) 1,2-Dichlorobenzene	14.106	146	79021	20.009	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10395	20.781	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	37712	18.634	ug/l	98
94) Hexachlorobutadiene	15.506	225	20796	19.727	ug/l	98
95) Naphthalene	15.647	128	121962	19.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37737	18.972	ug/l	98

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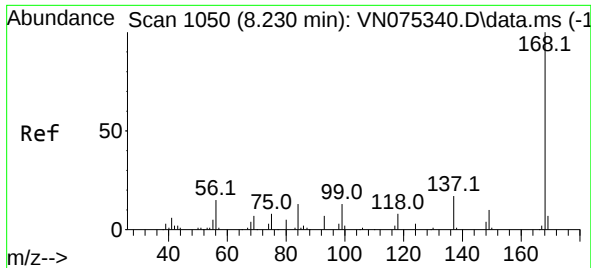
Manual Integrations
APPROVED

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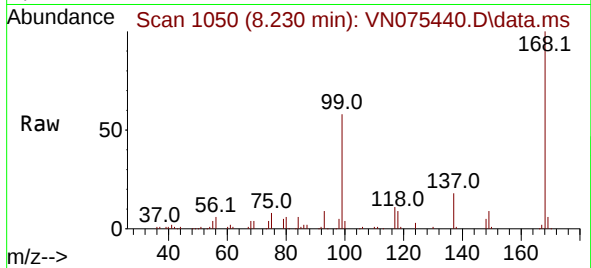
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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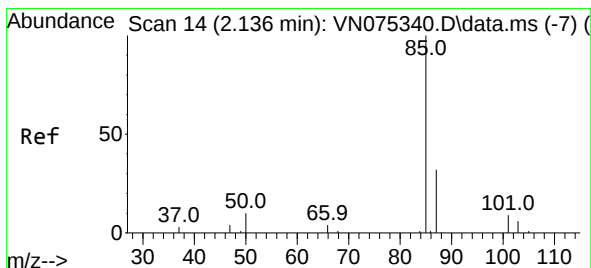
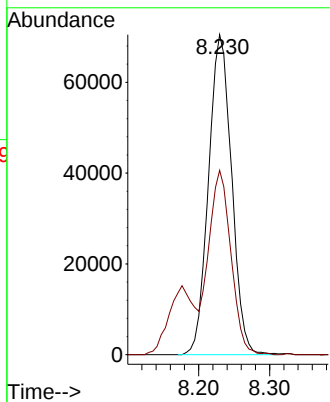
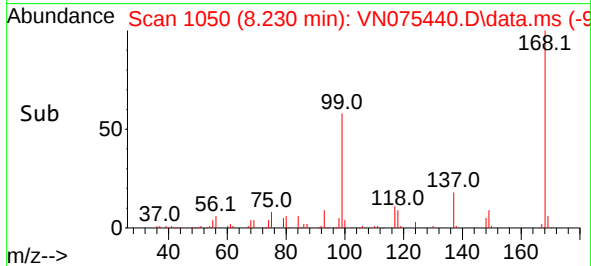
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 158974
Ion Ratio Lower Upper
168 100
99 57.6 51.6 77.4

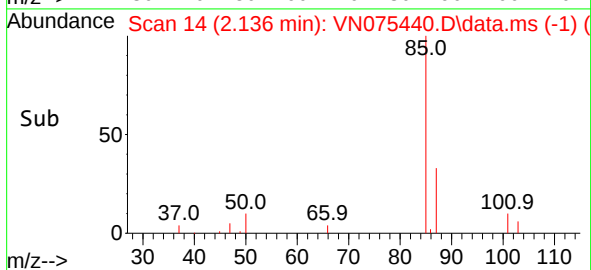
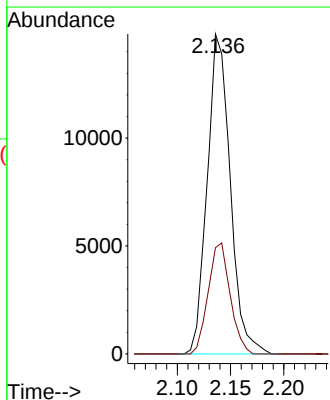
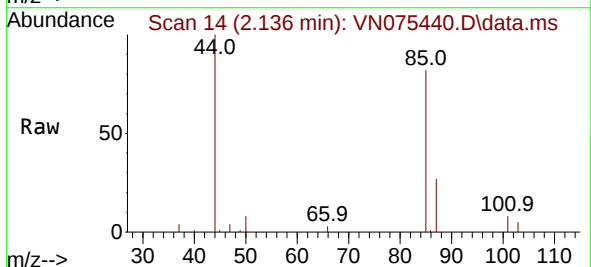
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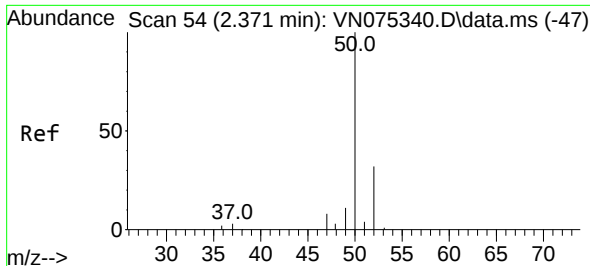
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#2
Dichlorodifluoromethane
Concen: 18.346 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 85 Resp: 22302
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0





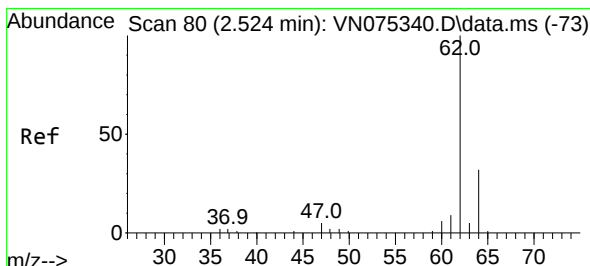
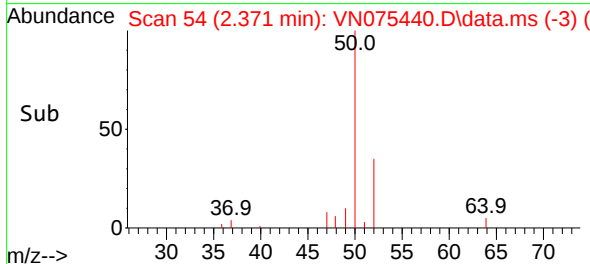
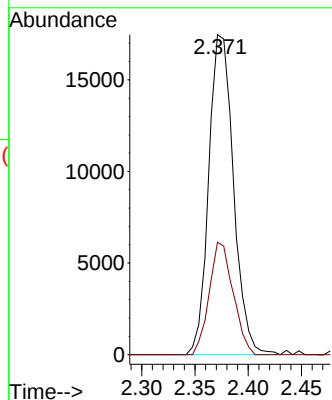
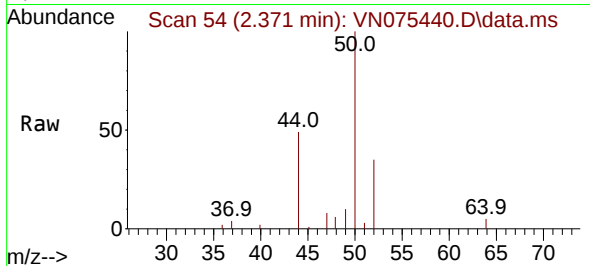
#3
Chloromethane
Concen: 18.693 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
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Tgt Ion: 50 Resp: 28275
Ion Ratio Lower Upper
50 100
52 35.1 25.8 38.6

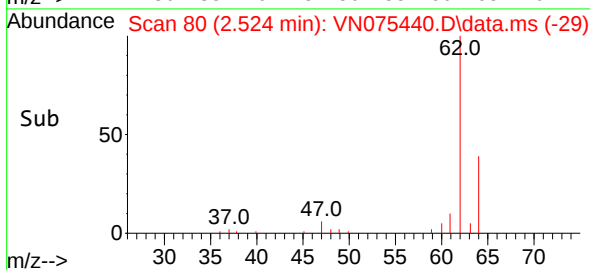
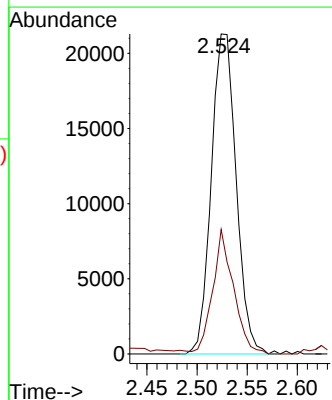
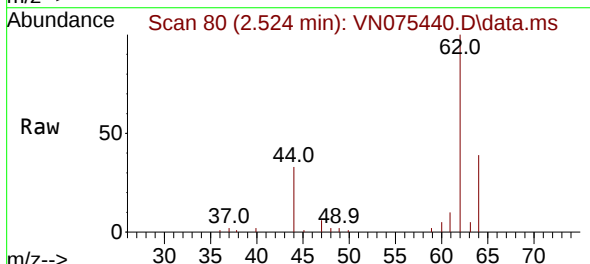
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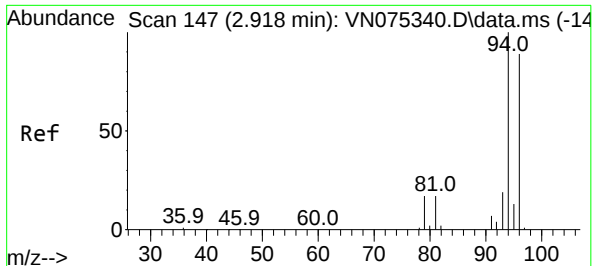
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#4
Vinyl Chloride
Concen: 19.298 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 62 Resp: 36787
Ion Ratio Lower Upper
62 100
64 38.9 24.0 36.0#





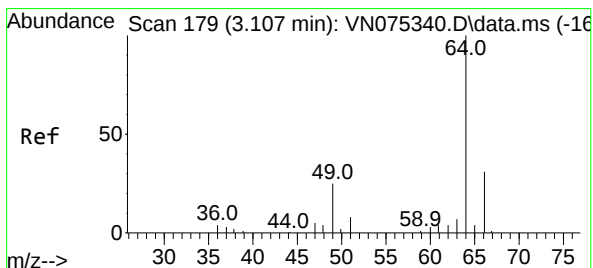
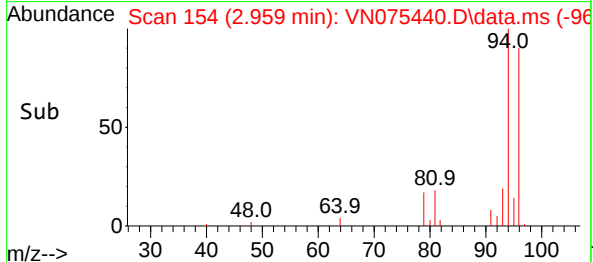
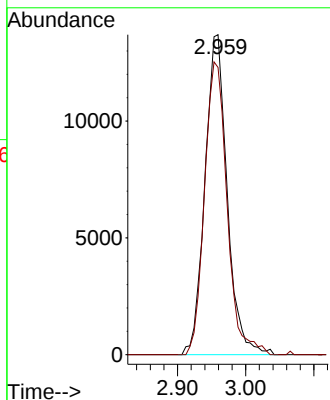
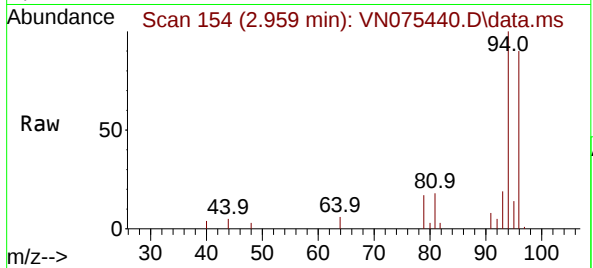
#5
Bromomethane
Concen: 18.559 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
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Tgt Ion: 94 Resp: 3111
Ion Ratio Lower Upper
94 100
96 89.7 71.8 107.6

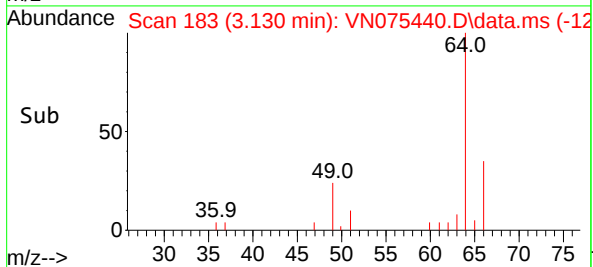
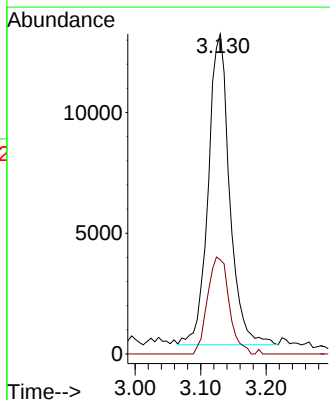
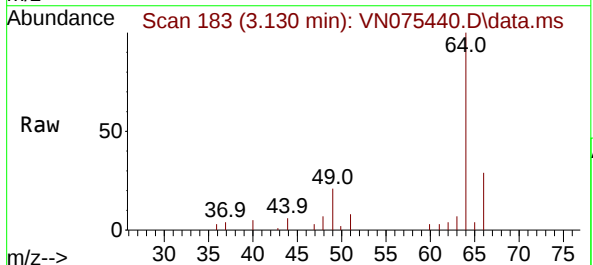
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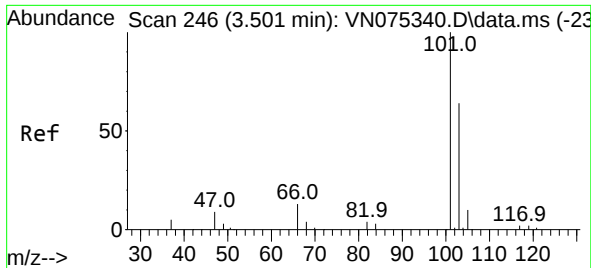
Reviewed By :John Carlone 11/29/2022
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#6
Chloroethane
Concen: 20.174 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.023 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 64 Resp: 29140
Ion Ratio Lower Upper
64 100
66 30.3 23.8 35.8





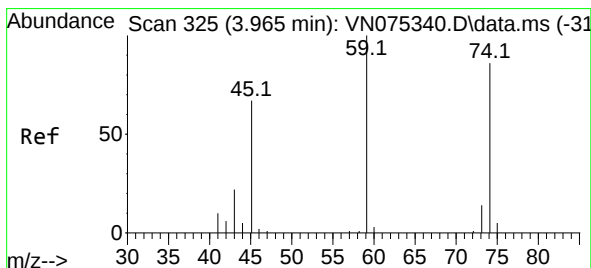
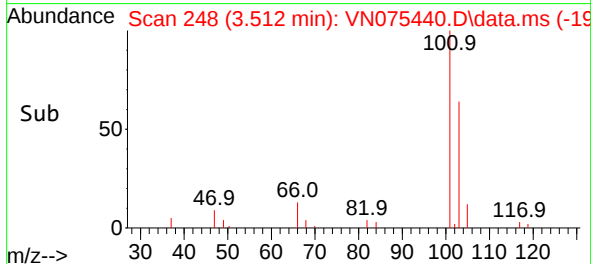
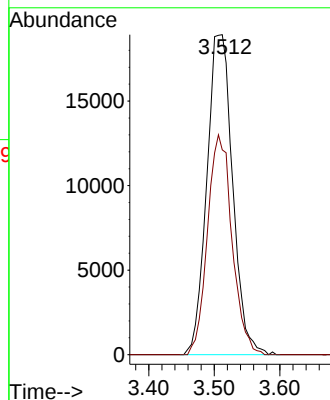
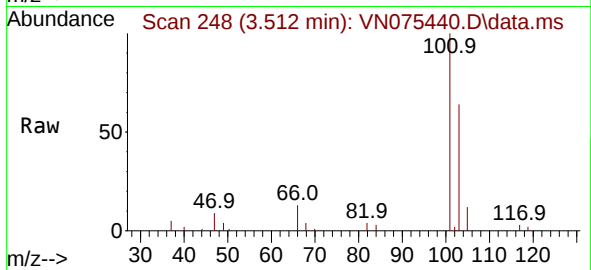
#7
Trichlorofluoromethane
Concen: 19.032 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.011 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion:101 Resp: 51830
Ion Ratio Lower Upper
101 100
103 64.0 50.5 75.7

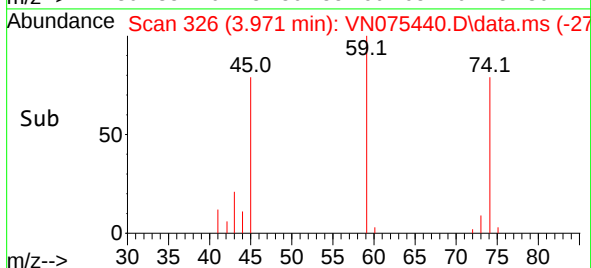
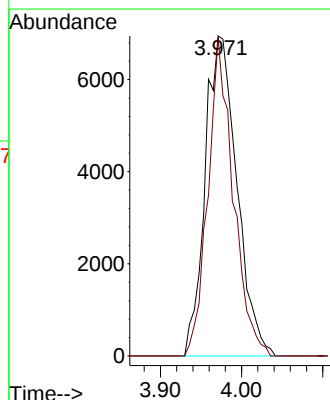
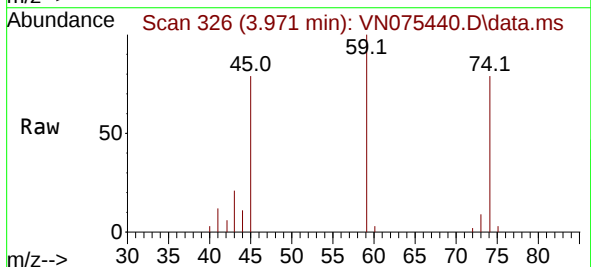
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#8
Diethyl Ether
Concen: 19.778 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 74 Resp: 18878
Ion Ratio Lower Upper
74 100
45 79.1 39.3 117.9





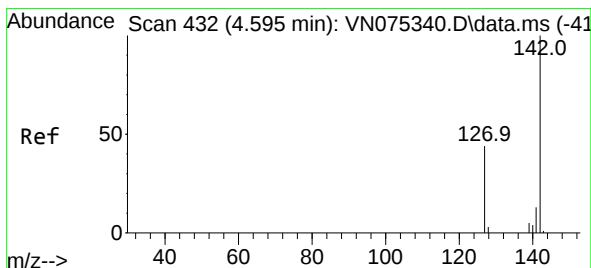
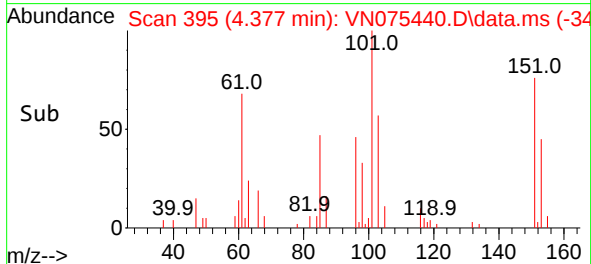
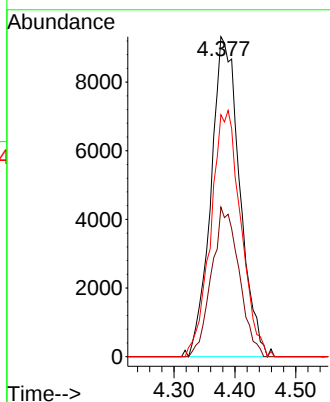
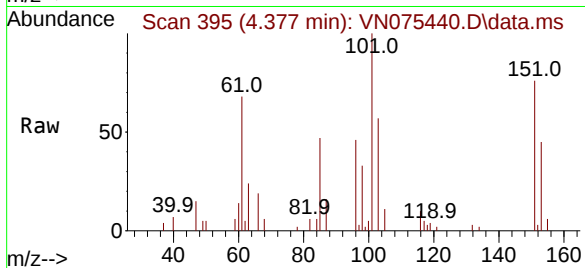
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.349 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075440.D
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Instrument :
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ClientSampleId :
VN1128WBS01

Tgt Ion:101 Resp: 3059
Ion Ratio Lower Upper
101 100
85 44.6 37.6 56.4
151 80.1 58.3 87.5

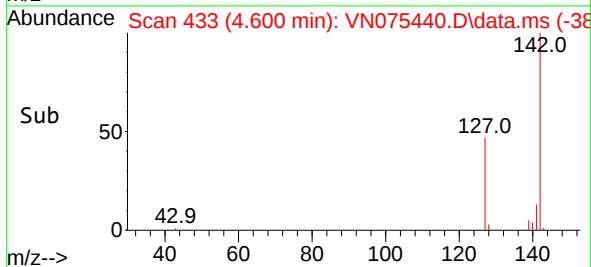
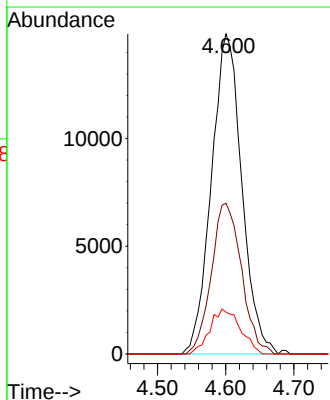
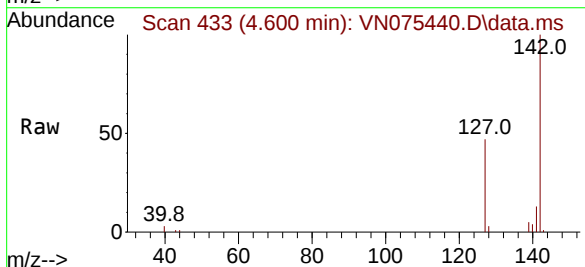
Manual Integrations
APPROVED

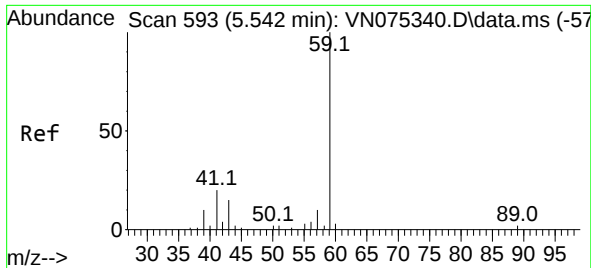
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#10
Methyl Iodide
Concen: 18.887 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion:142 Resp: 46011
Ion Ratio Lower Upper
142 100
127 46.8 38.0 57.0
141 14.1 12.2 18.4





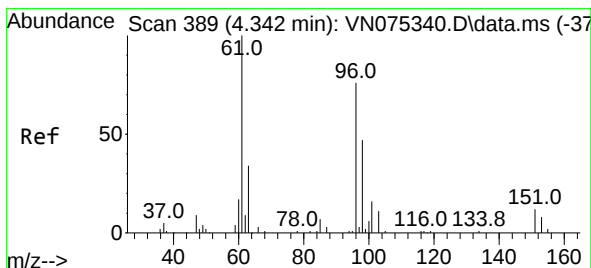
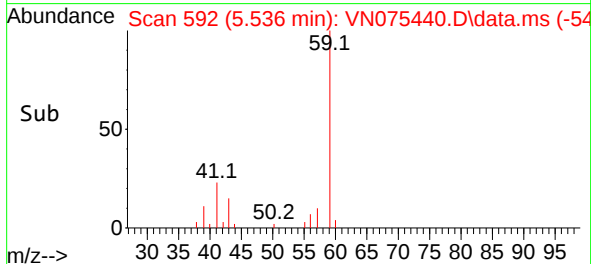
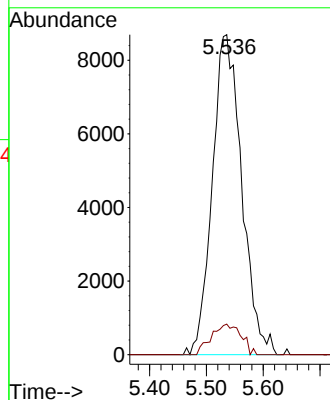
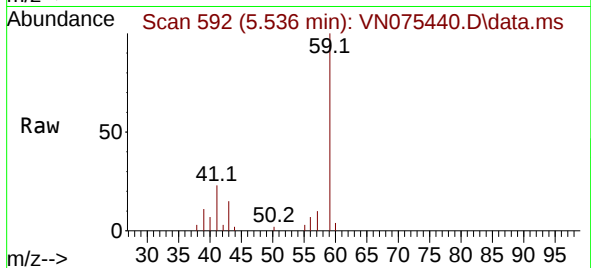
#11
Tert butyl alcohol
Concen: 87.154 ug/l
RT: 5.536 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 59 Resp: 3122
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7

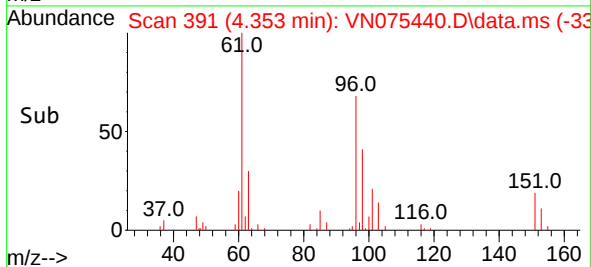
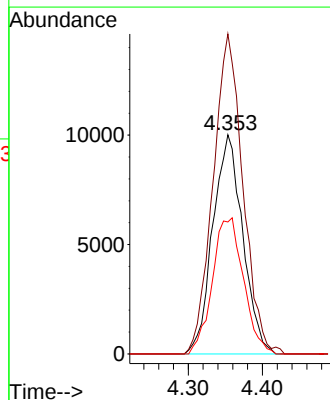
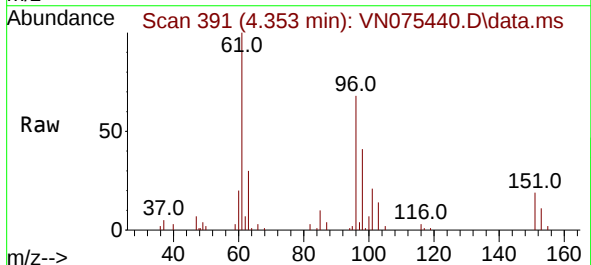
Manual Integrations
APPROVED

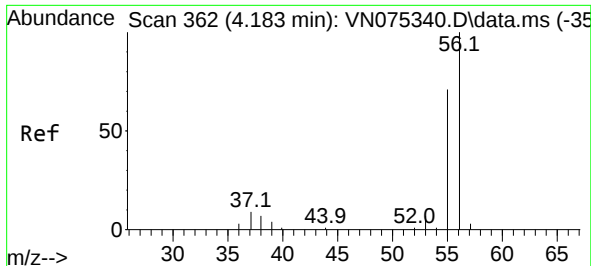
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#12
1,1-Dichloroethene
Concen: 19.059 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 96 Resp: 28058
Ion Ratio Lower Upper
96 100
61 146.0 126.2 189.4
98 60.2 51.5 77.3





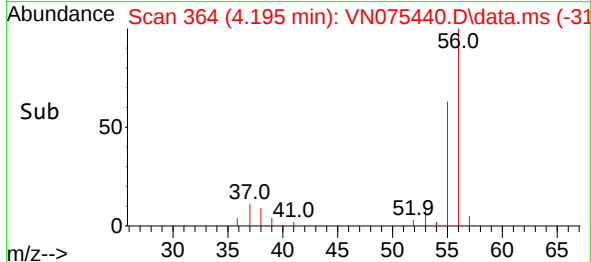
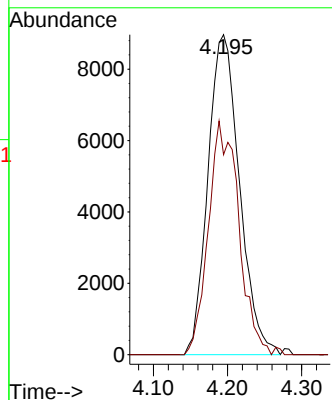
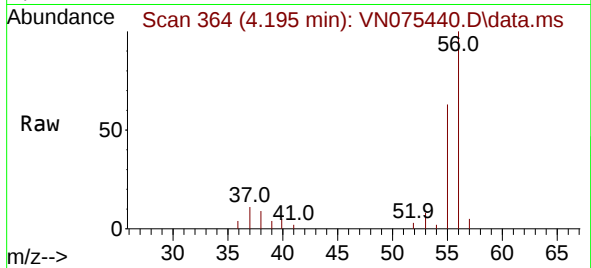
#13
Acrolein
Concen: 85.018 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 56 Resp: 2653
Ion Ratio Lower Upper
56 100
55 70.1 55.2 82.8

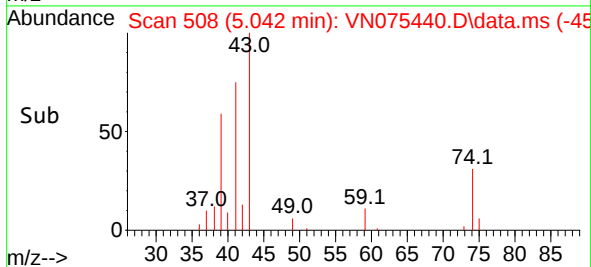
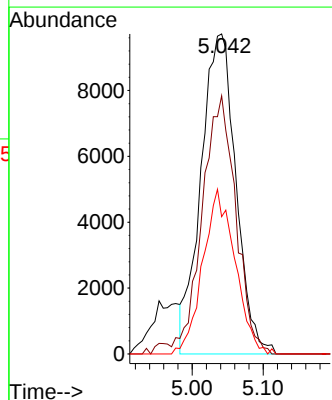
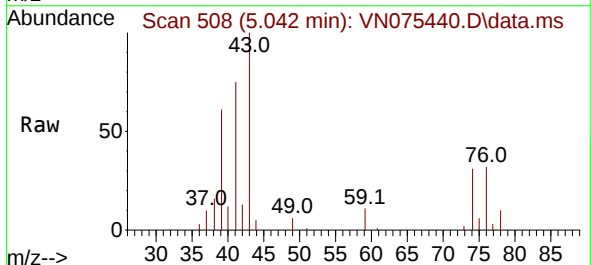
Manual Integrations
APPROVED

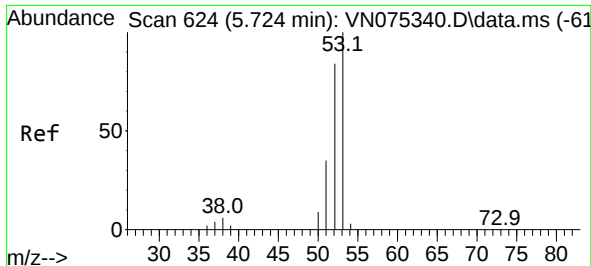
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#14
Allyl chloride
Concen: 17.472 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

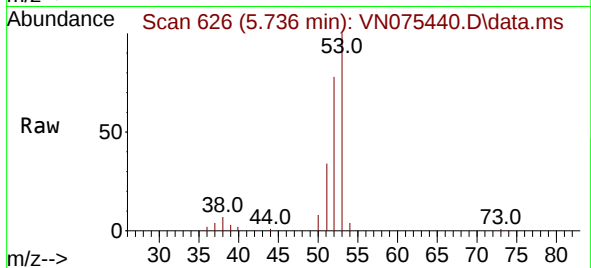
Tgt Ion: 41 Resp: 33272
Ion Ratio Lower Upper
41 100
39 78.9 61.0 91.4
76 47.4 33.4 50.0





#15
Acrylonitrile
Concen: 100.213 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

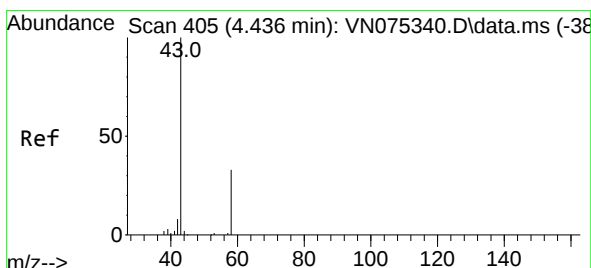
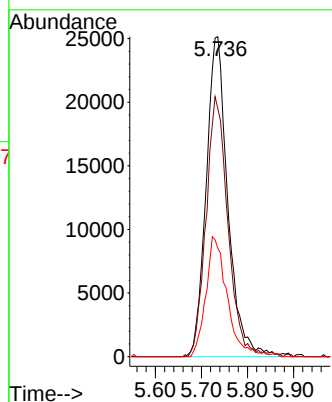
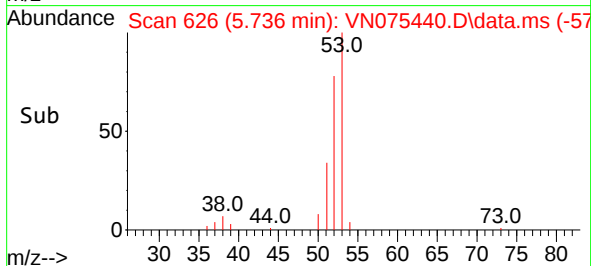
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 53 Resp: 82362
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.9 29.6 44.4

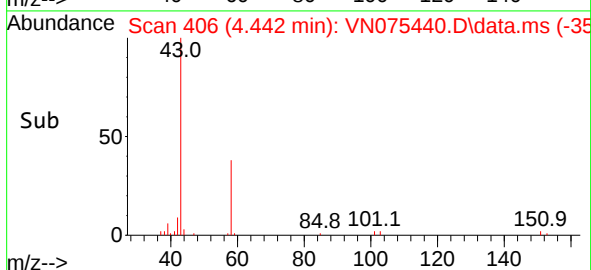
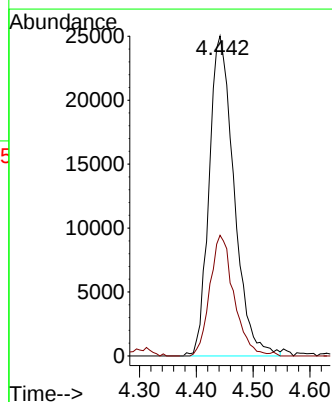
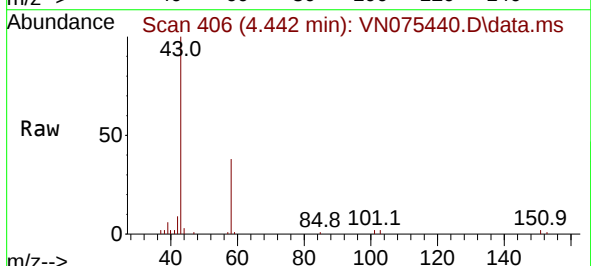
Manual Integrations
APPROVED

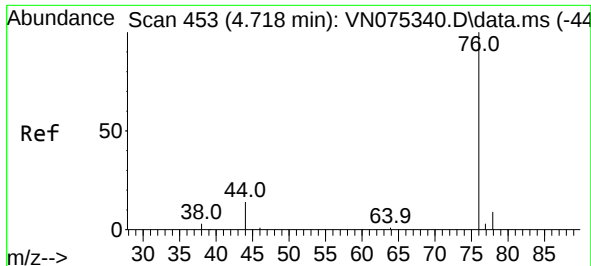
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#16
Acetone
Concen: 95.708 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 43 Resp: 76180
Ion Ratio Lower Upper
43 100
58 37.7 25.5 38.3





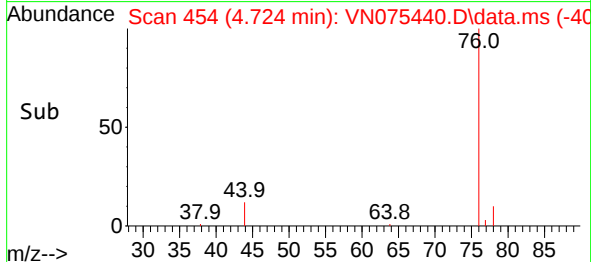
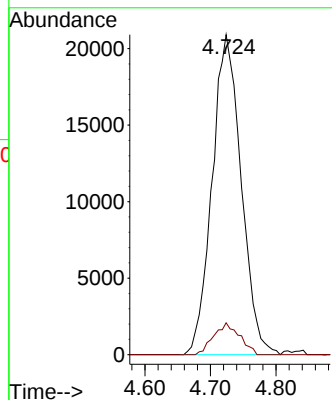
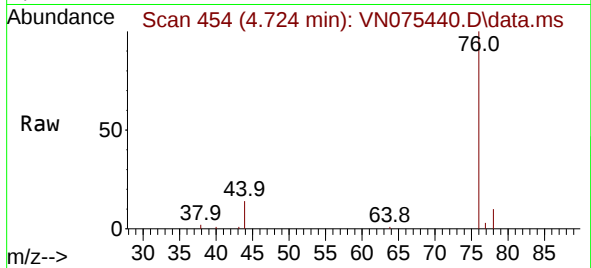
#17
Carbon Disulfide
Concen: 16.833 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 76 Resp: 6440
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2

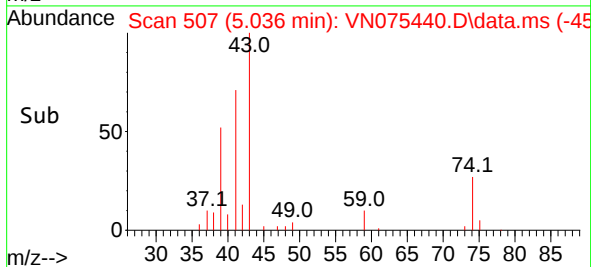
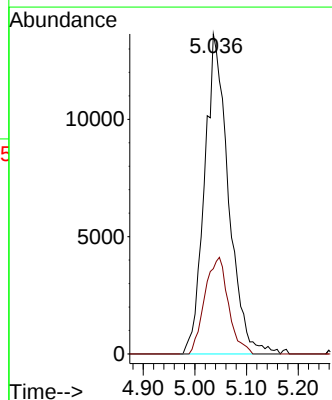
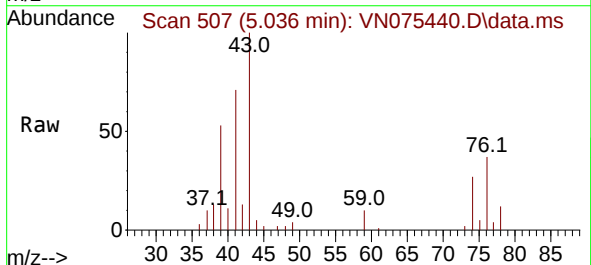
Manual Integrations
APPROVED

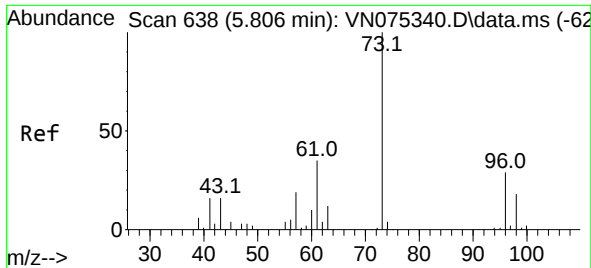
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#18
Methyl Acetate
Concen: 21.150 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 43 Resp: 43939
Ion Ratio Lower Upper
43 100
74 29.7 22.0 33.0





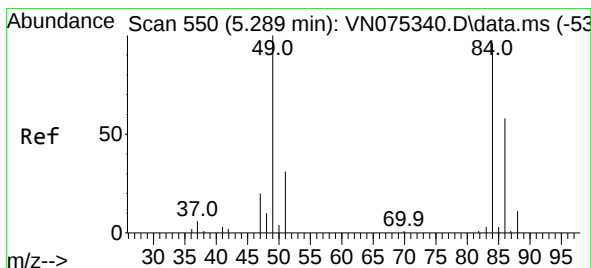
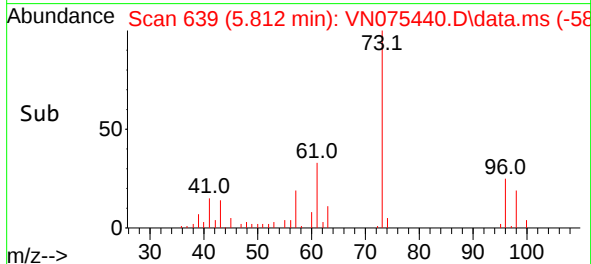
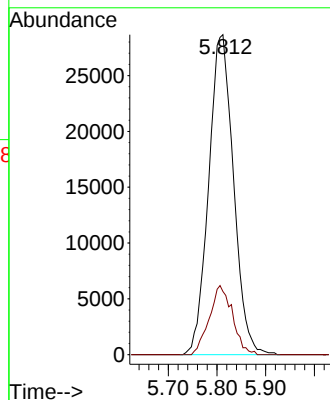
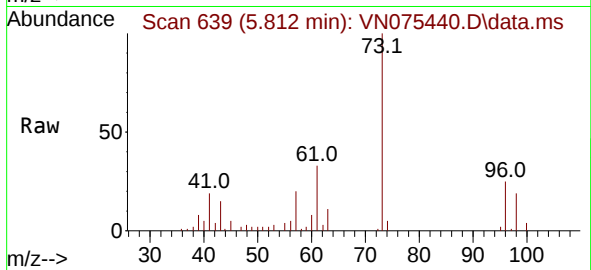
#19
Methyl tert-butyl Ether
Concen: 19.494 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 73 Resp: 10166
Ion Ratio Lower Upper
73 100
57 19.8 16.3 24.5

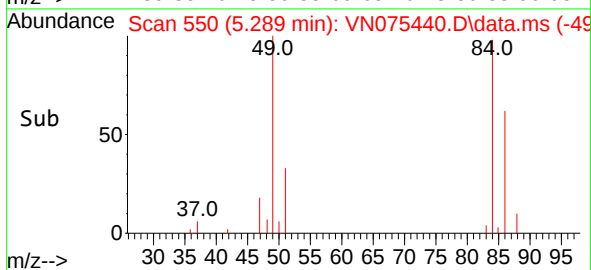
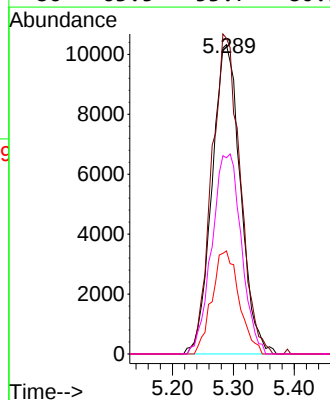
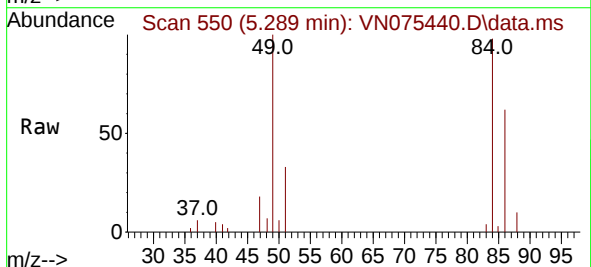
Manual Integrations
APPROVED

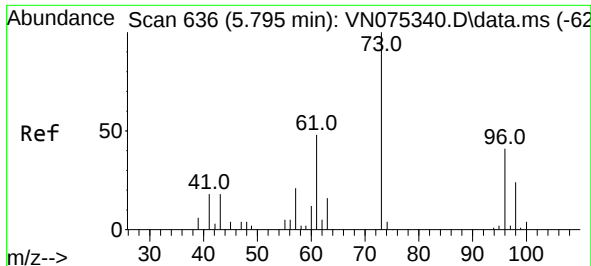
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#20
Methylene Chloride
Concen: 20.014 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 84 Resp: 33542
Ion Ratio Lower Upper
84 100
49 102.1 94.9 142.3
51 33.3 26.8 40.2
86 63.5 53.7 80.5





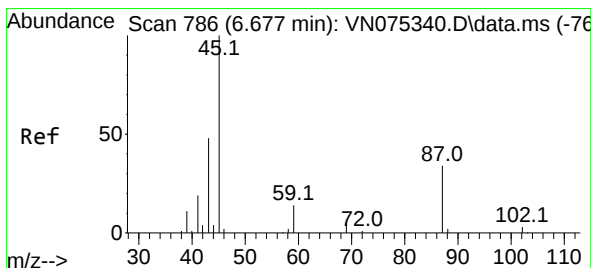
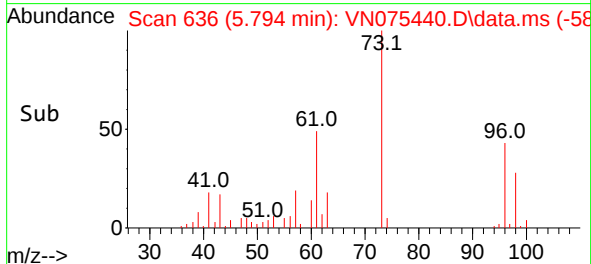
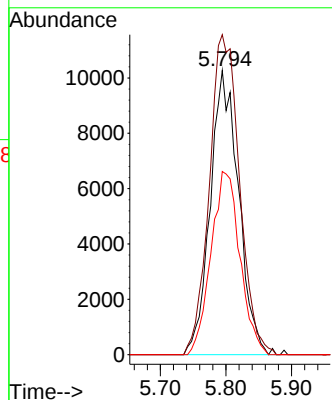
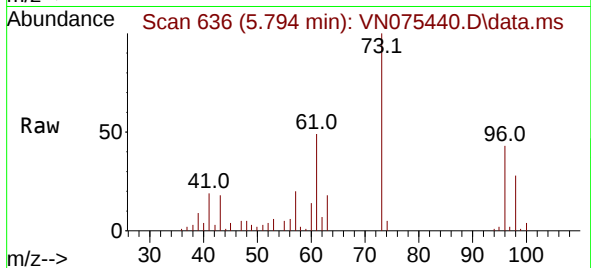
#21
trans-1,2-Dichloroethene
Concen: 18.367 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.001 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 96 Resp: 3081
Ion Ratio Lower Upper
96 100
61 112.6 99.9 149.9
98 64.5 51.5 77.3

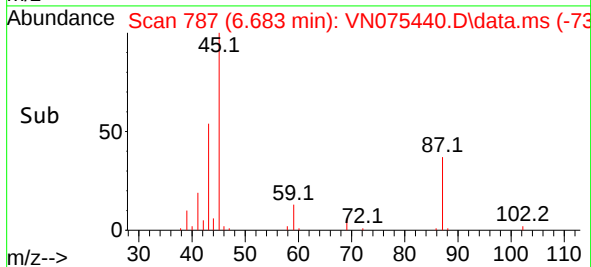
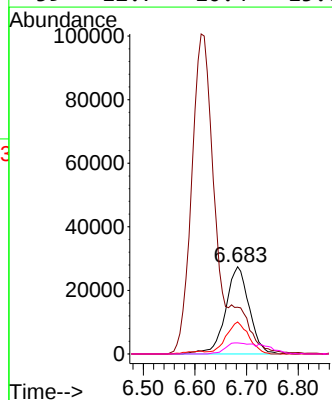
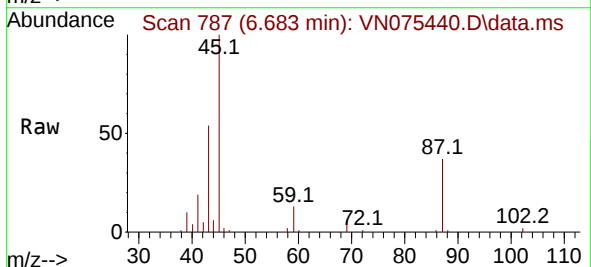
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 19.922 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 45 Resp: 86572
Ion Ratio Lower Upper
45 100
43 51.1 42.8 64.2
87 36.7 28.4 42.6
59 12.7 10.4 15.6





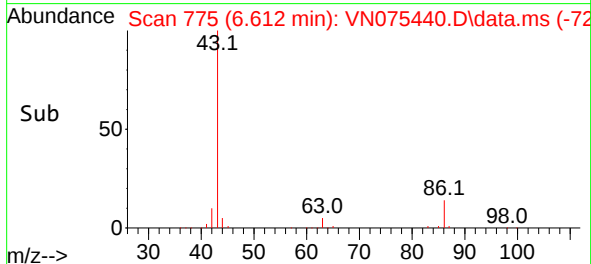
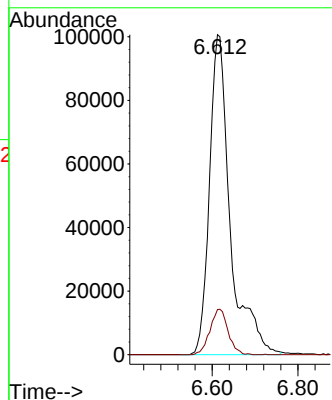
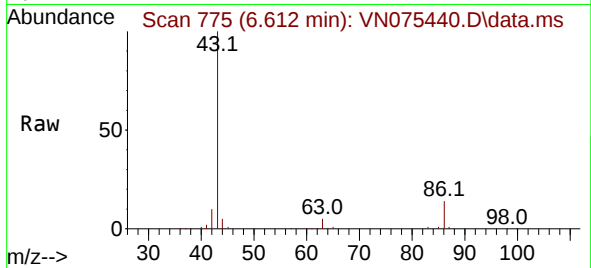
#23
 Vinyl Acetate
 Concen: 97.818 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075440.D
 Acq: 28 Nov 2022 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Tgt Ion: 43 Resp: 33817
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1

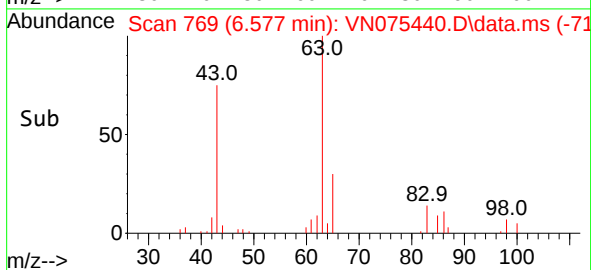
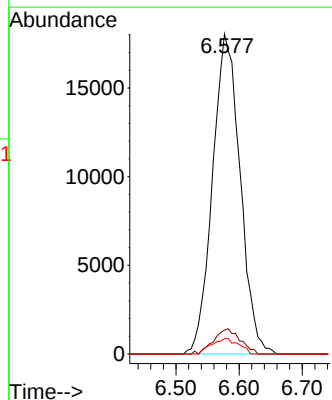
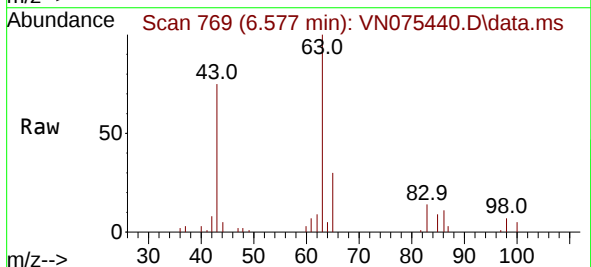
Manual Integrations
 APPROVED

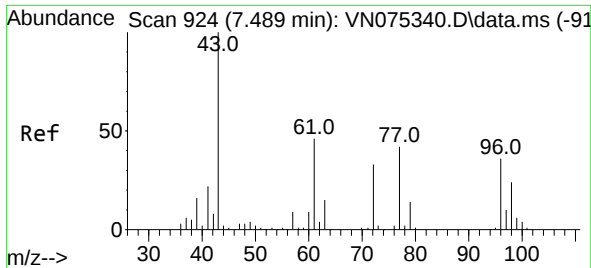
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#24
 1,1-Dichloroethane
 Concen: 19.645 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075440.D
 Acq: 28 Nov 2022 11:43

Tgt Ion: 63 Resp: 54795
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.8 2.4 7.2





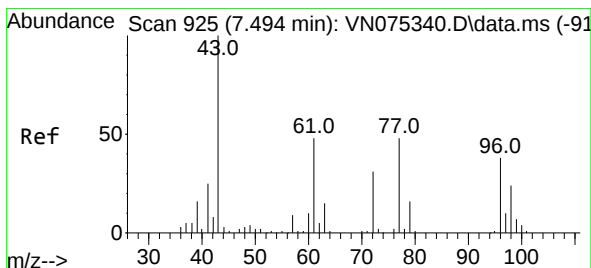
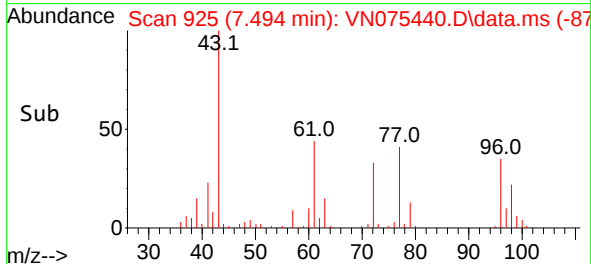
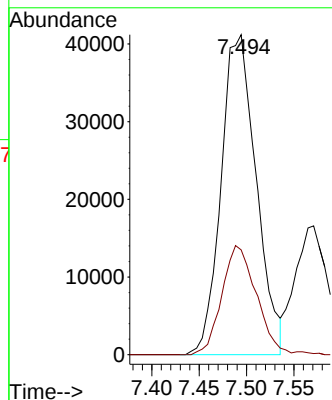
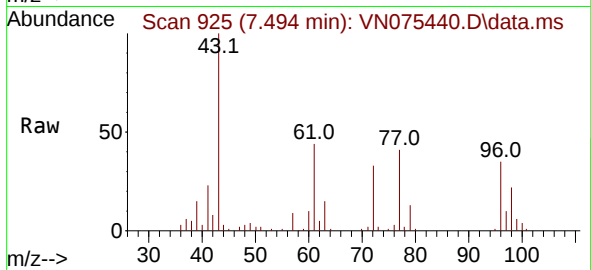
#25
2-Butanone
Concen: 95.816 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 43 Resp: 10647
Ion Ratio Lower Upper
43 100
72 32.7 25.5 38.3

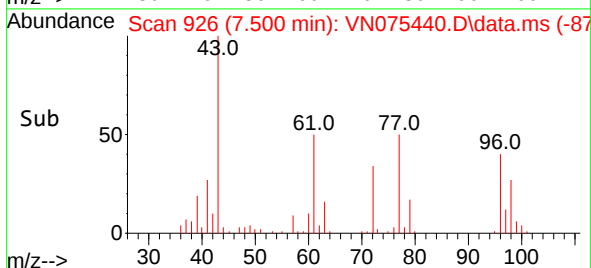
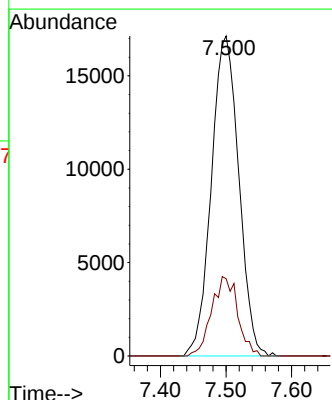
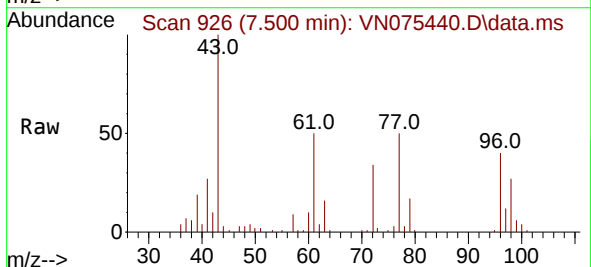
Manual Integrations
APPROVED

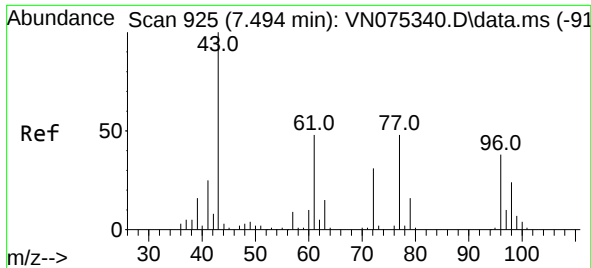
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#26
2,2-Dichloropropane
Concen: 19.213 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

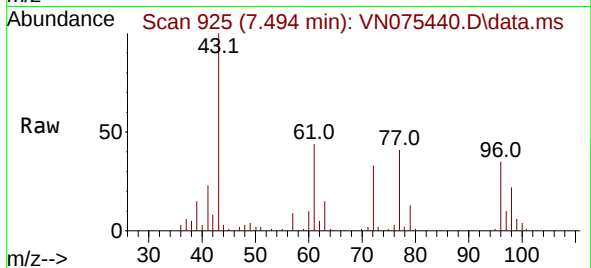
Tgt Ion: 77 Resp: 49807
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.005 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075440.D
 Acq: 28 Nov 2022 11:43

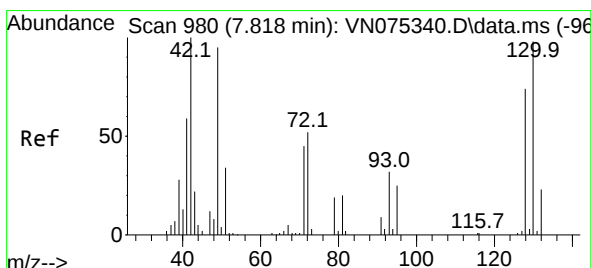
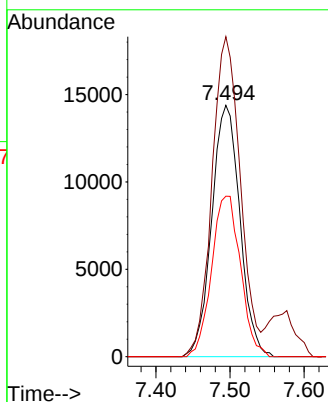
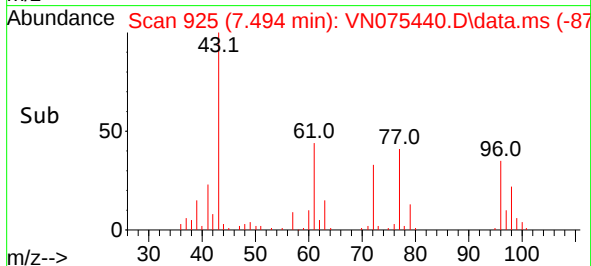
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01



Tgt Ion: 96 Resp: 37952
 Ion Ratio Lower Upper
 96 100
 61 127.8 0.0 278.8
 98 65.6 0.0 128.4

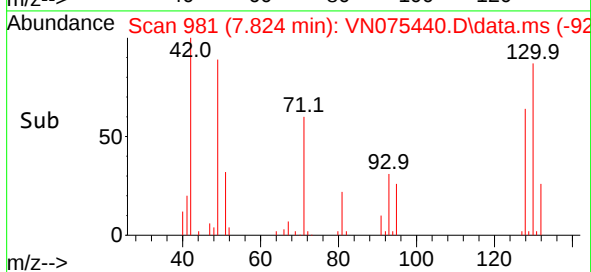
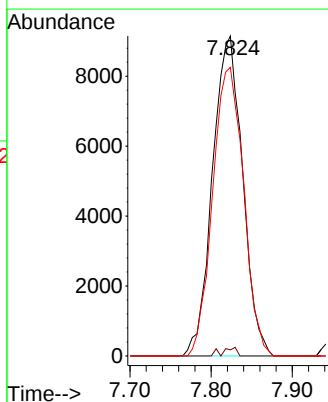
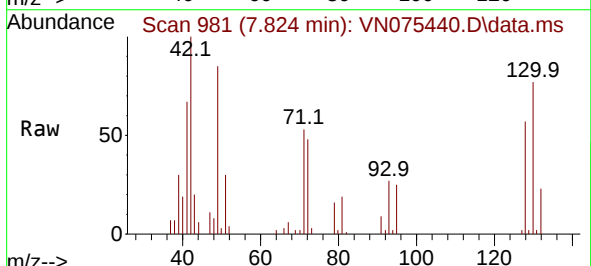
Manual Integrations
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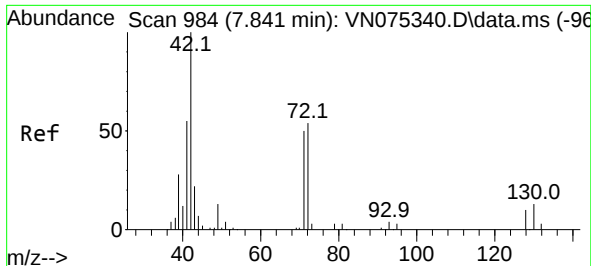
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#28
 Bromochloromethane
 Concen: 20.814 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075440.D
 Acq: 28 Nov 2022 11:43

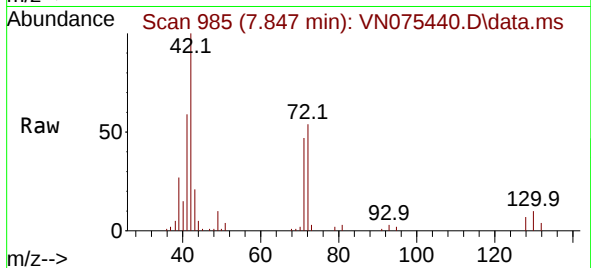
Tgt Ion: 49 Resp: 23566
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 92.5 66.2 99.4





#29
Tetrahydrofuran
Concen: 101.780 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

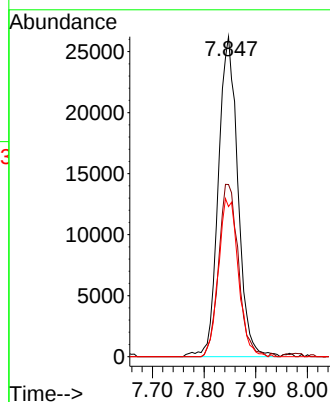
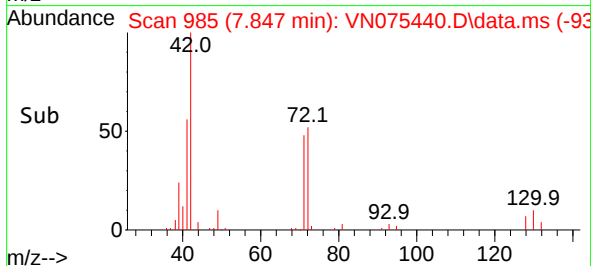
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



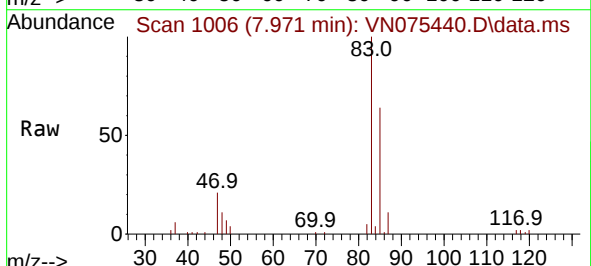
Tgt Ion: 42 Resp: 68798
Ion Ratio Lower Upper
42 100
72 54.5 43.0 64.6
71 50.4 39.9 59.9

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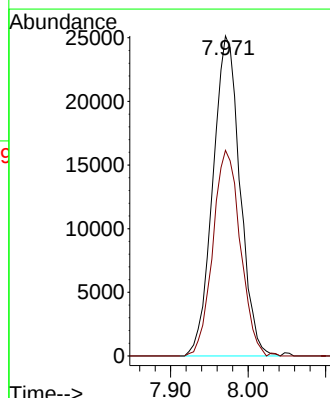
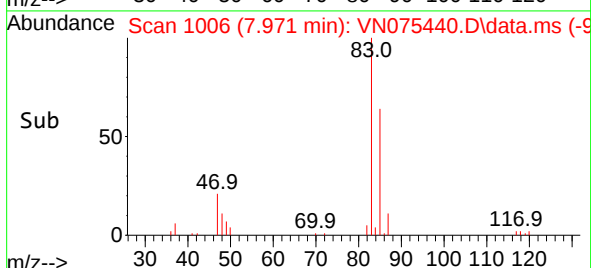
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

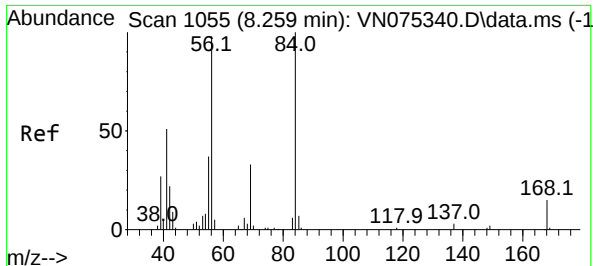


#30
Chloroform
Concen: 19.113 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43



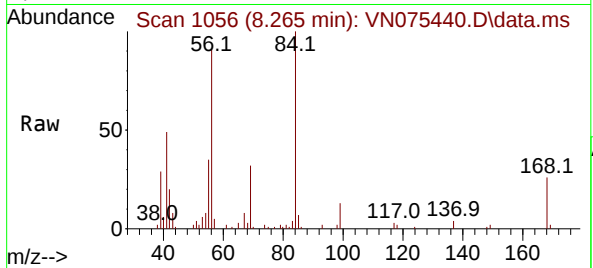
Tgt Ion: 83 Resp: 61221
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.0





#31
Cyclohexane
Concen: 18.218 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

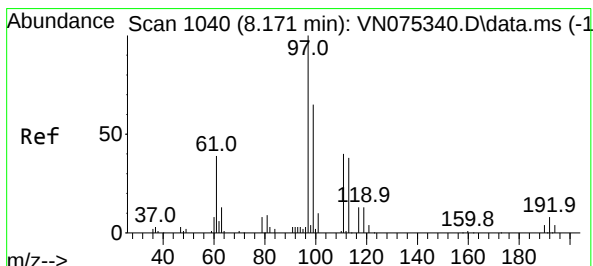
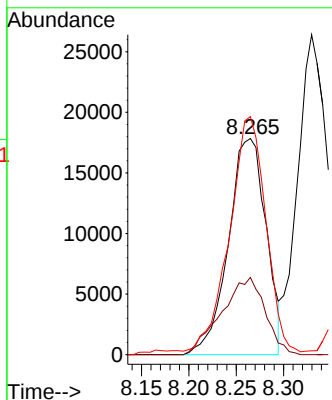
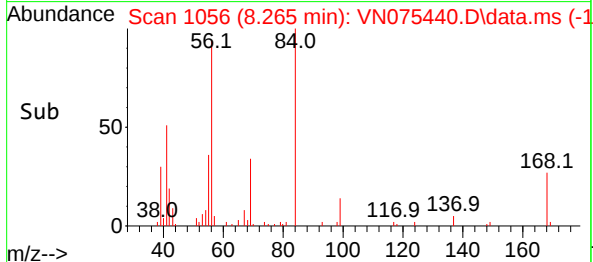
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



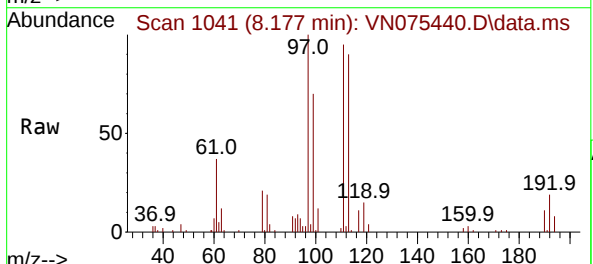
Tgt Ion: 56 Resp: 49394
Ion Ratio Lower Upper
56 100
69 35.7 25.2 37.8
84 108.3 77.8 116.8

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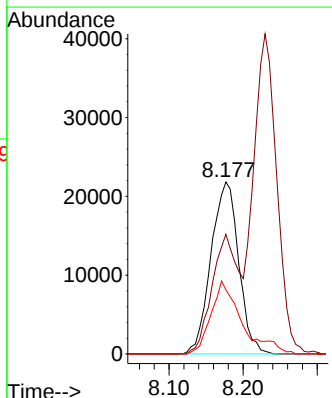
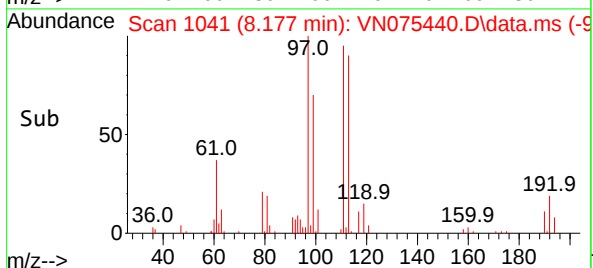
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#32
1,1,1-Trichloroethane
Concen: 19.446 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43



Tgt Ion: 97 Resp: 56558
Ion Ratio Lower Upper
97 100
99 67.6 50.2 75.2
61 47.0 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 49.271 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 65 Resp: 4204

Ion Ratio Lower Upper

65 100

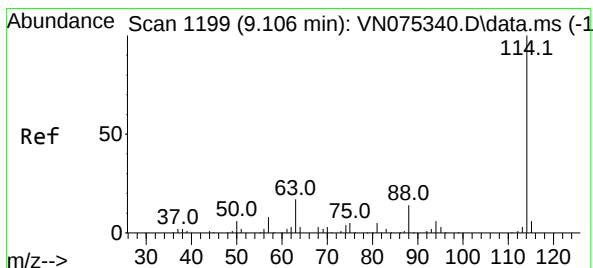
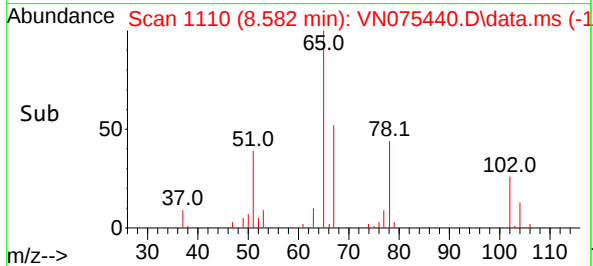
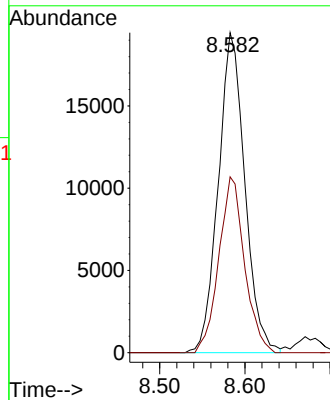
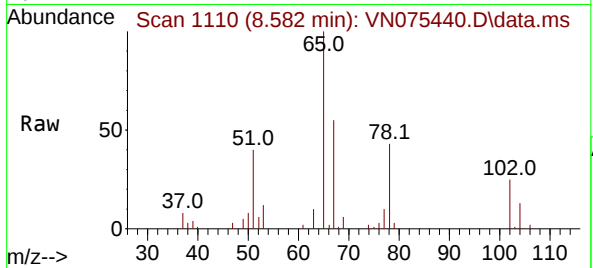
67 53.2 0.0 102.0

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

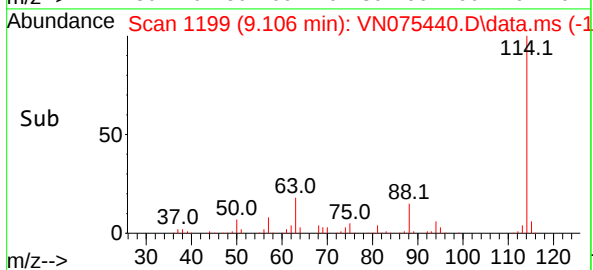
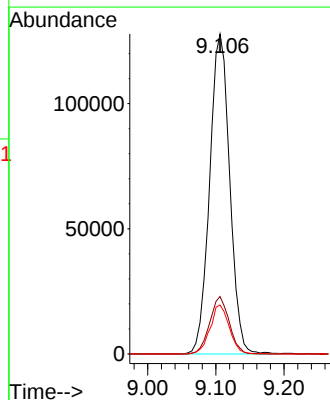
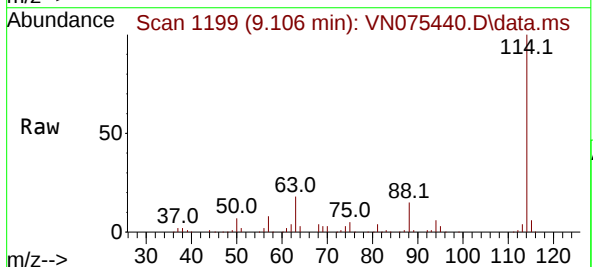
Tgt Ion:114 Resp: 262184

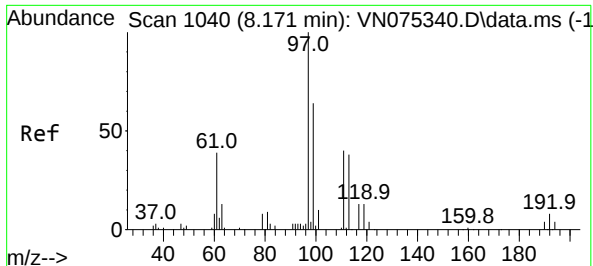
Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.6

88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.632 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 113 Resp: 5008

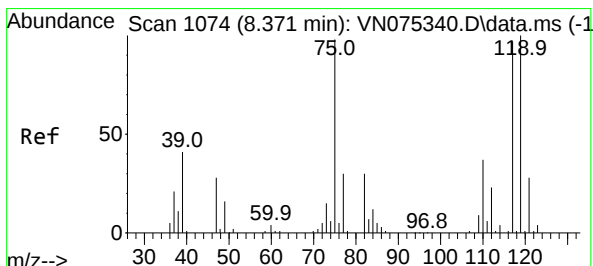
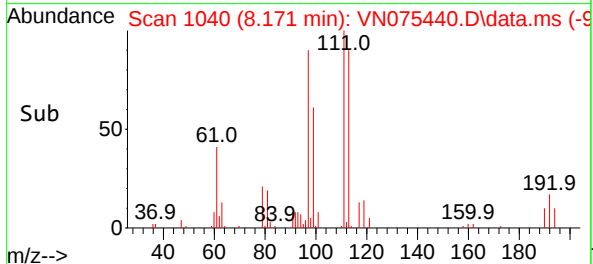
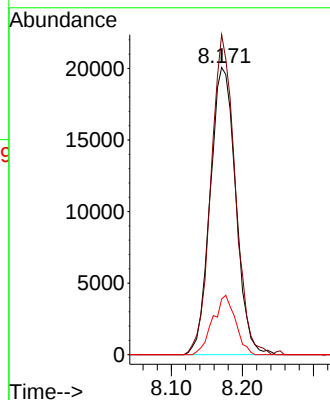
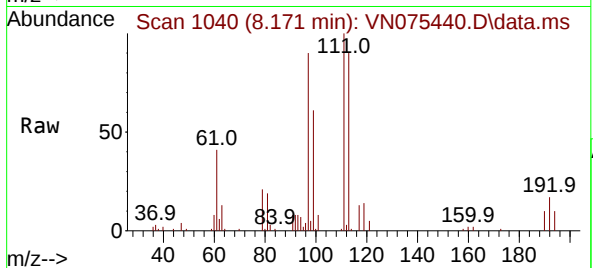
Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.5	120.7
192	18.4	13.2	19.8

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#36

1,1-Dichloropropene

Concen: 19.577 ug/l

RT: 8.377 min Scan# 1075

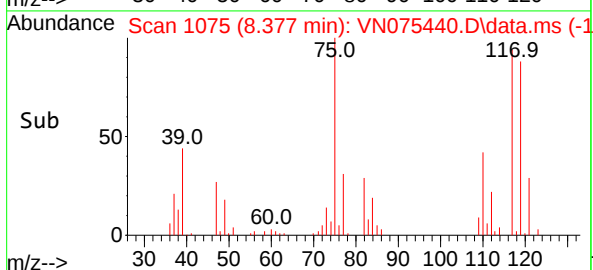
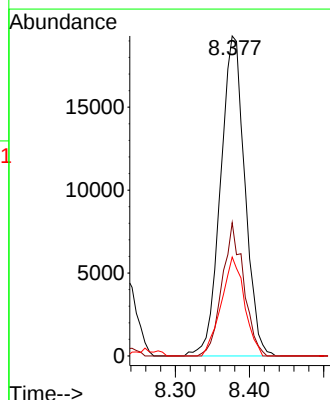
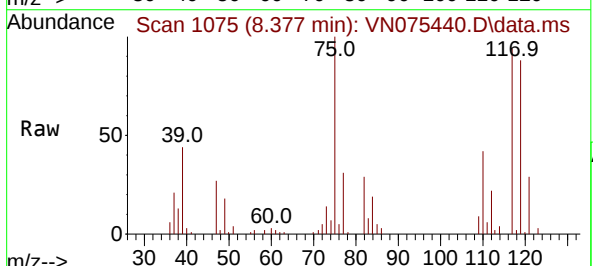
Delta R.T. 0.006 min

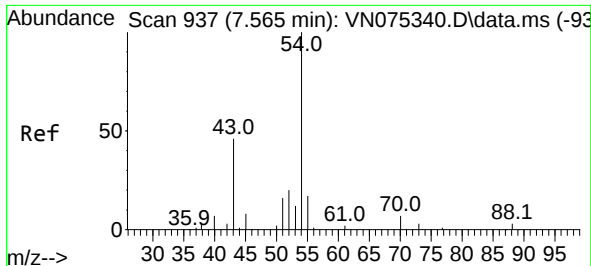
Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Tgt Ion: 75 Resp: 43972

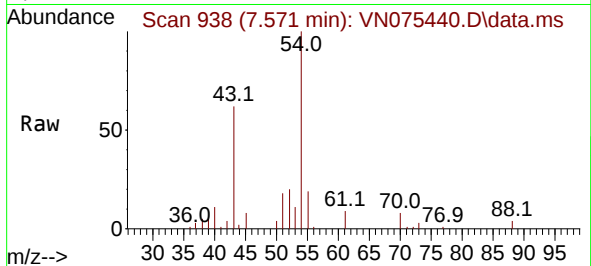
Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.8	53.3
77	29.4	24.6	37.0





#37
Ethyl Acetate
Concen: 21.226 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

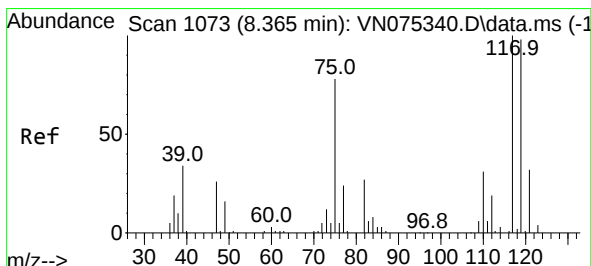
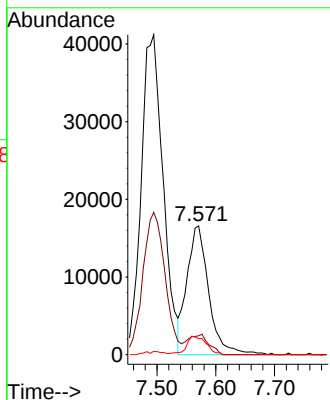
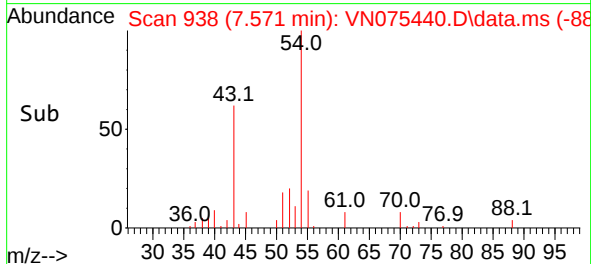
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 43 Resp: 4292
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.4
70 12.8 9.4 14.2

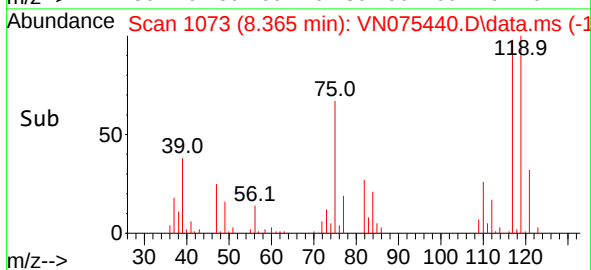
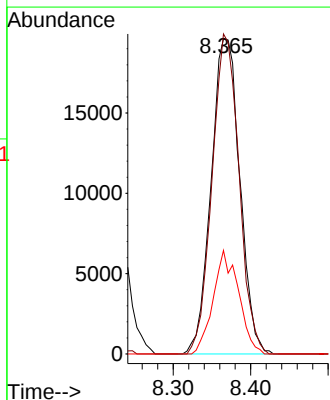
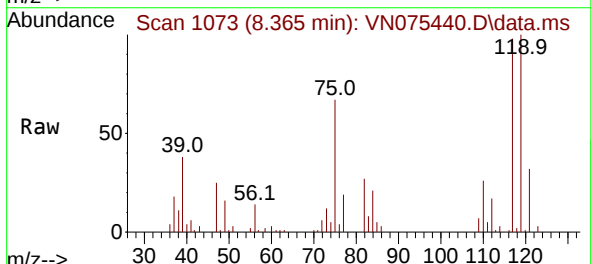
Manual Integrations
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Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#38
Carbon Tetrachloride
Concen: 20.438 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion:117 Resp: 50427
Ion Ratio Lower Upper
117 100
119 101.5 76.7 115.1
121 32.9 23.9 35.9





#39

Methylcyclohexane

Concen: 20.027 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

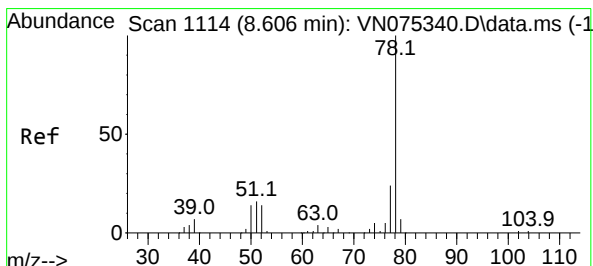
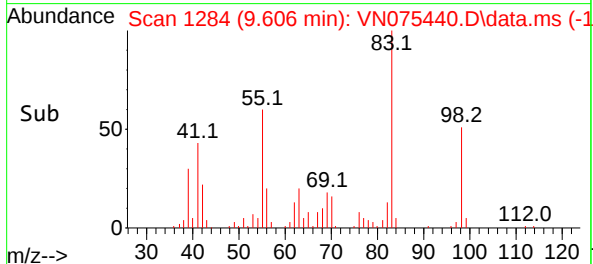
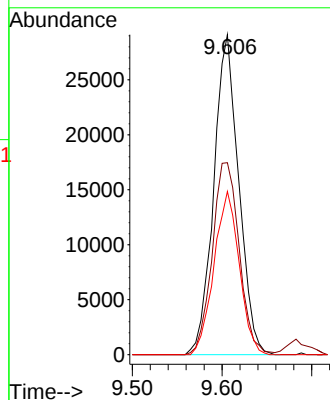
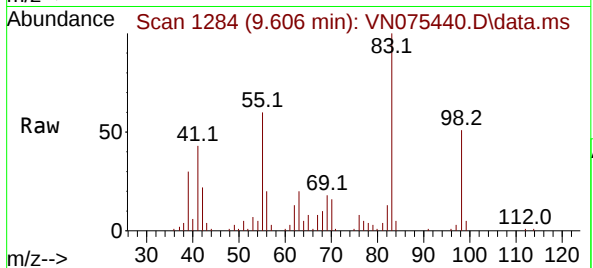
Tgt Ion: 83	Resp: 5629
Ion Ratio	Lower Upper
83 100	
55 60.0	53.6 80.4
98 51.0	41.1 61.7

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#40

Benzene

Concen: 19.756 ug/l

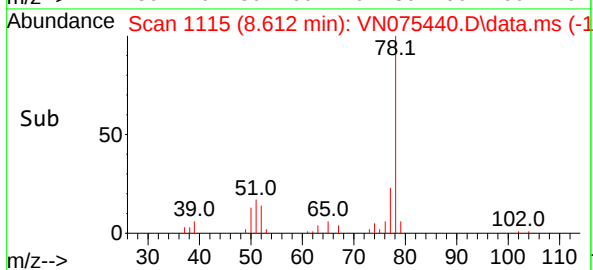
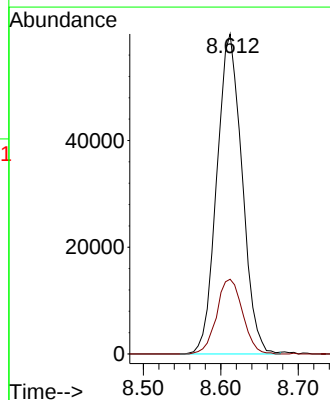
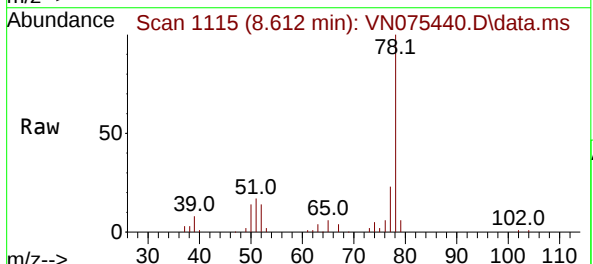
RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Tgt Ion: 78	Resp: 135857
Ion Ratio	Lower Upper
78 100	
77 23.4	19.4 29.0





#41
Methacrylonitrile
Concen: 19.272 ug/l
RT: 7.788 min Scan# 912
Delta R.T. 0.005 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

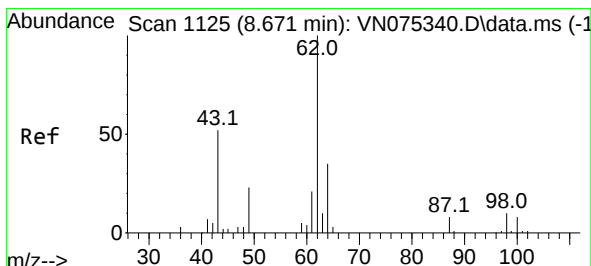
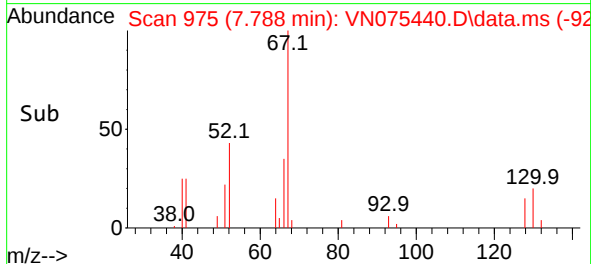
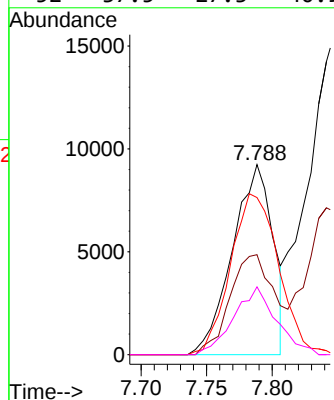
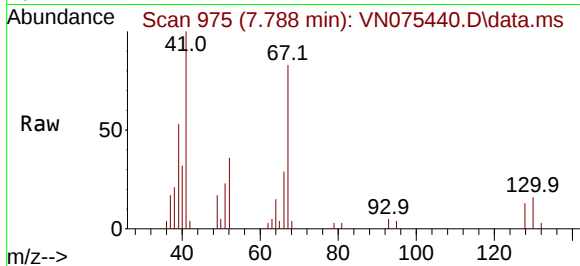
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 41 Resp: 1992

Ion	Ratio	Lower	Upper
41	100		
39	59.1	44.4	66.6
67	100.0	69.8	104.6
52	37.5	27.3	40.9

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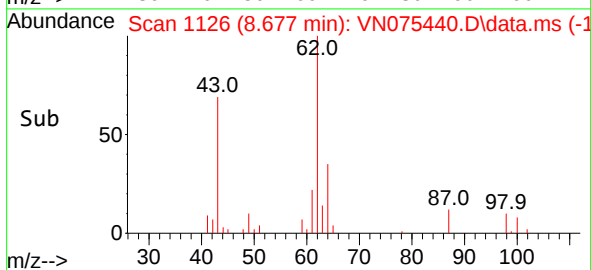
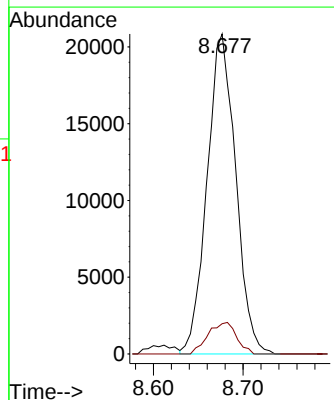
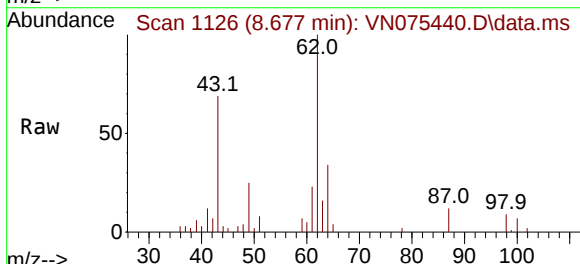
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

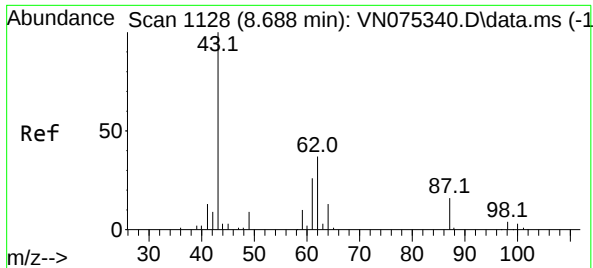


#42
1,2-Dichloroethane
Concen: 20.063 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 62 Resp: 46207

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.2





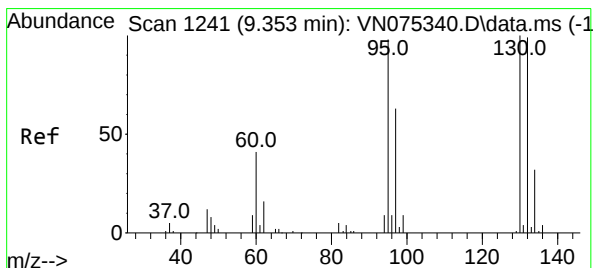
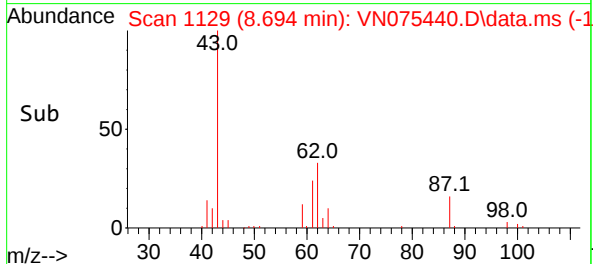
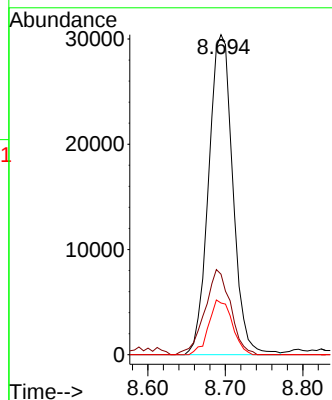
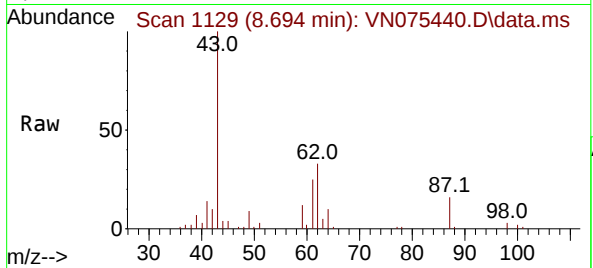
#43
Isopropyl Acetate
Concen: 20.306 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 43 Resp: 65918
Ion Ratio Lower Upper
43 100
61 28.3 22.4 33.6
87 16.6 12.5 18.7

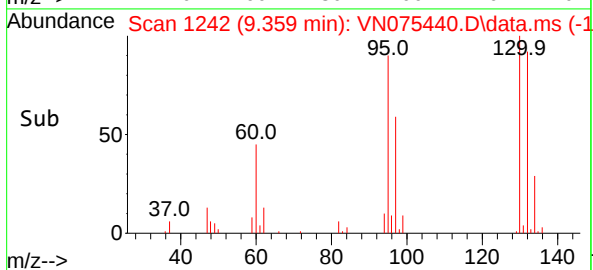
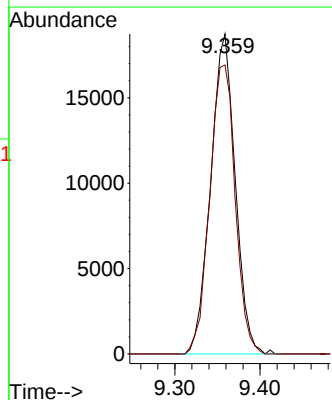
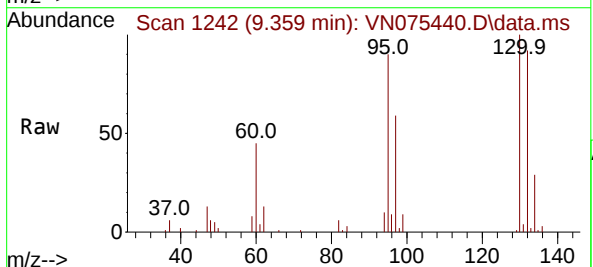
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 20.005 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion:130 Resp: 37642
Ion Ratio Lower Upper
130 100
95 90.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.254 ug/l

RT: 9.624 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 63 Resp: 3319

Ion Ratio Lower Upper

63 100

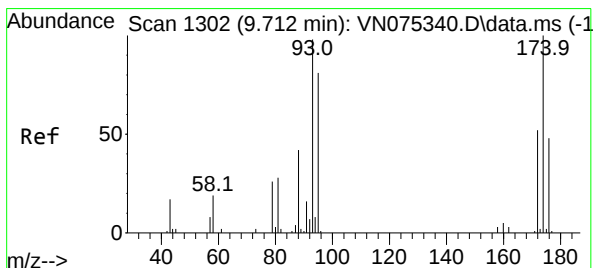
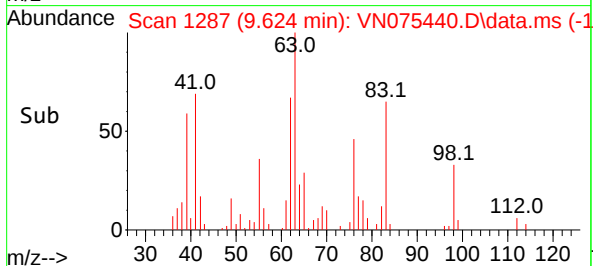
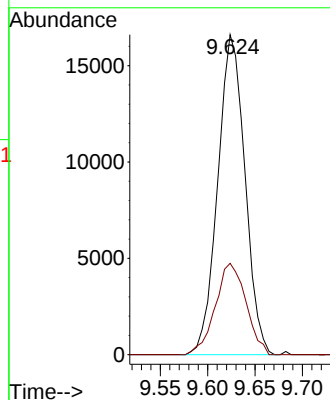
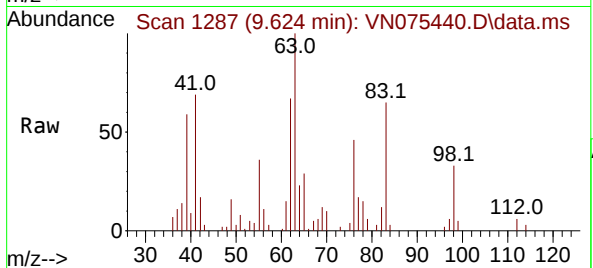
65 28.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#46

Dibromomethane

Concen: 20.200 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

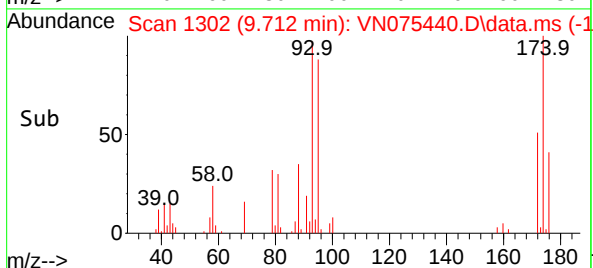
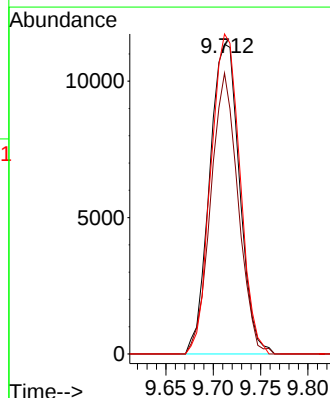
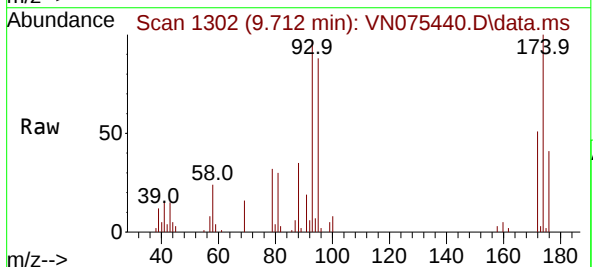
Tgt Ion: 93 Resp: 25039

Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 99.8 70.3 105.5





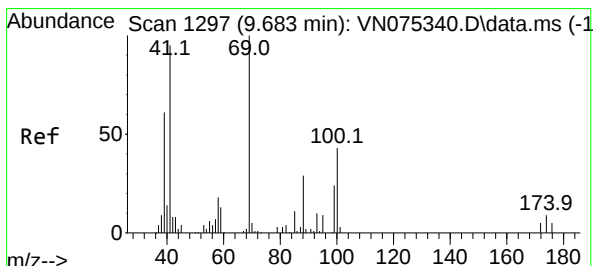
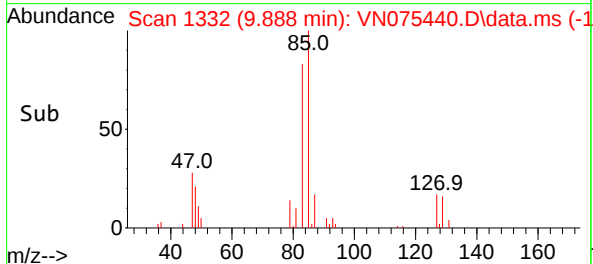
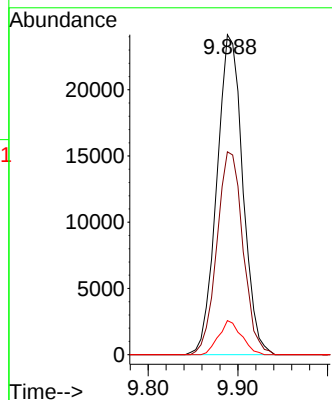
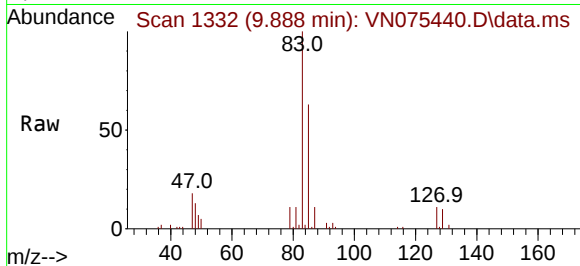
#47
Bromodichloromethane
Concen: 20.218 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 83 Resp: 48532
Ion Ratio Lower Upper
83 100
85 63.4 52.1 78.1
127 10.6 6.6 10.0

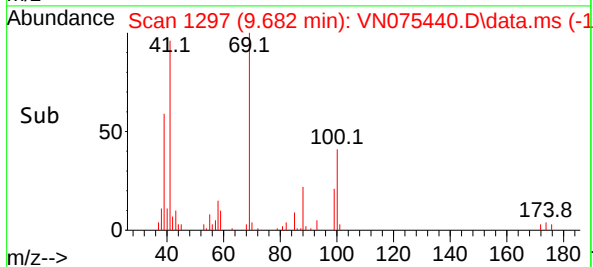
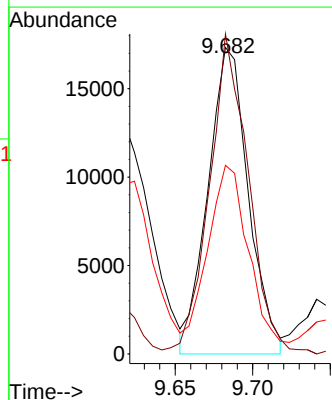
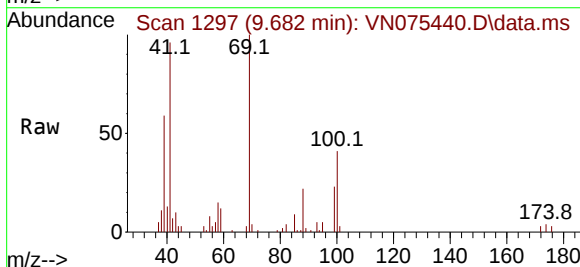
Manual Integrations
APPROVED

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



#48
Methyl methacrylate
Concen: 20.909 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 41 Resp: 31385
Ion Ratio Lower Upper
41 100
69 101.1 80.2 120.2
39 64.3 56.2 84.2





#49

1,4-Dioxane

Concen: 398.306 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

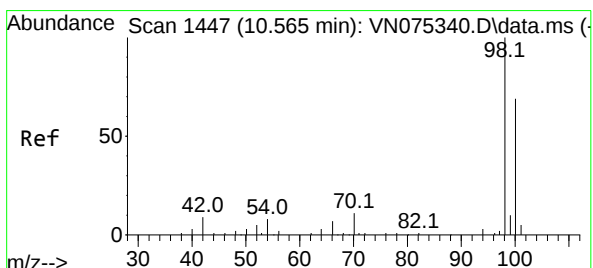
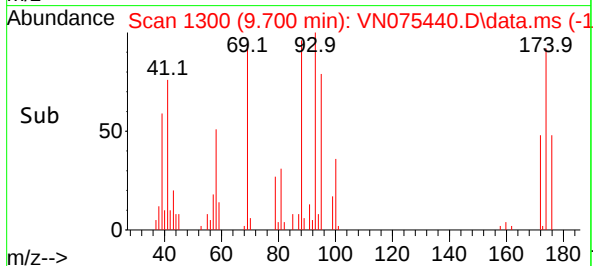
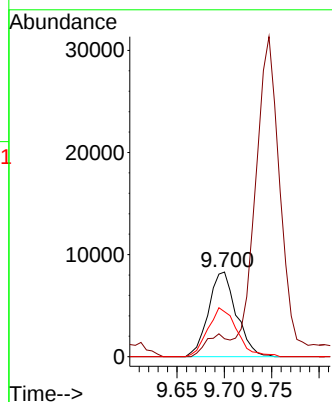
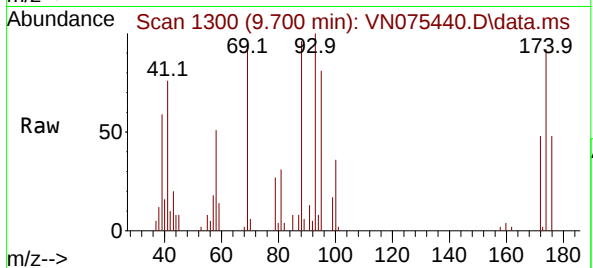
Tgt Ion: 88 Resp: 1697
 Ion Ratio Lower Upper
 88 100
 43 21.8 17.5 26.3
 58 60.4 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#50

Toluene-d8

Concen: 49.955 ug/l

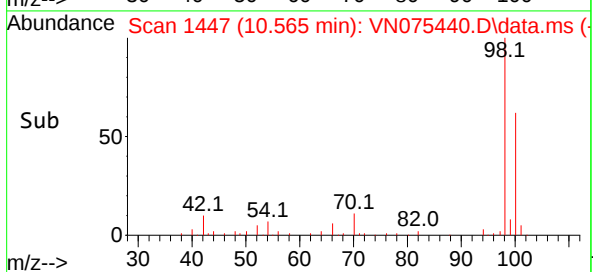
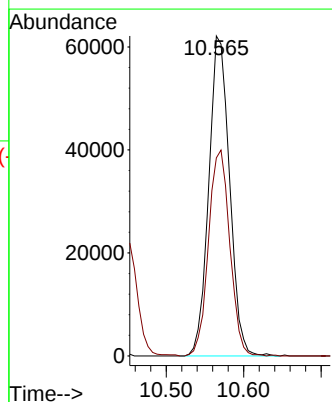
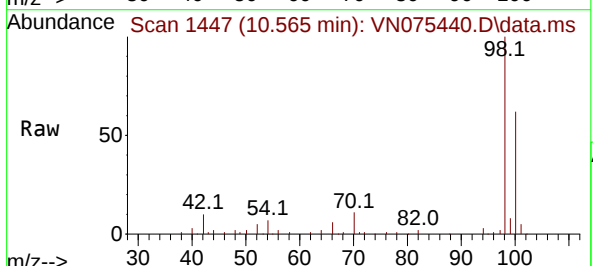
RT: 10.565 min Scan# 1447

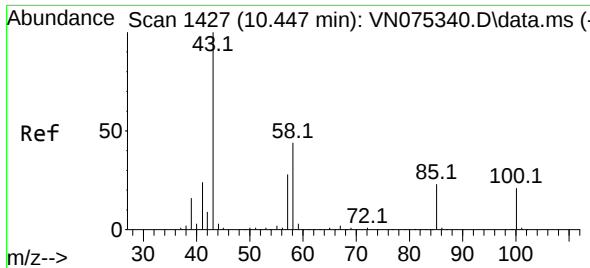
Delta R.T. -0.000 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

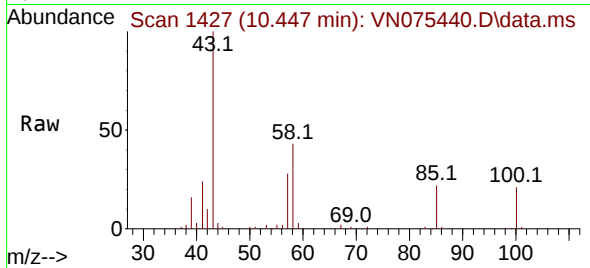
Tgt Ion: 98 Resp: 115881
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 104.365 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

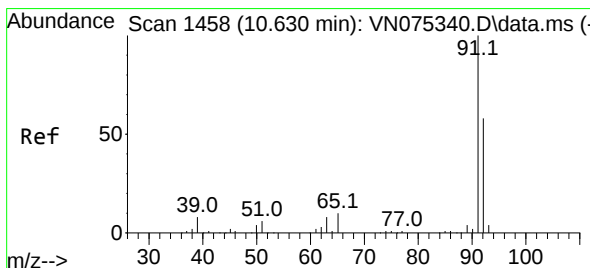
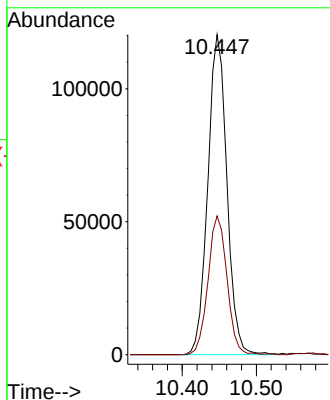
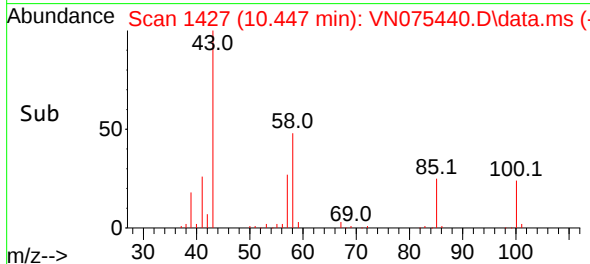
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



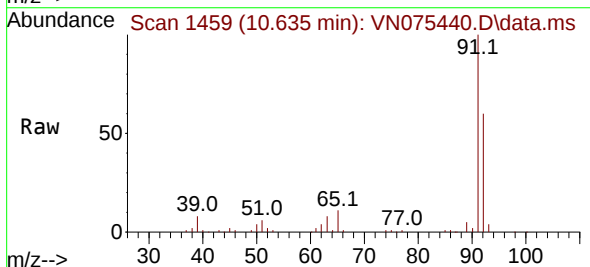
Tgt Ion: 43 Resp: 215780
Ion Ratio Lower Upper
43 100
58 43.1 33.6 50.4

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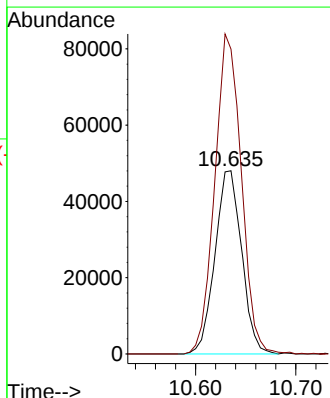
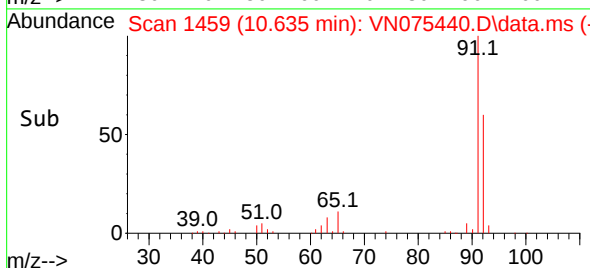
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#52
Toluene
Concen: 20.050 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43



Tgt Ion: 92 Resp: 88853
Ion Ratio Lower Upper
92 100
91 173.8 135.4 203.2





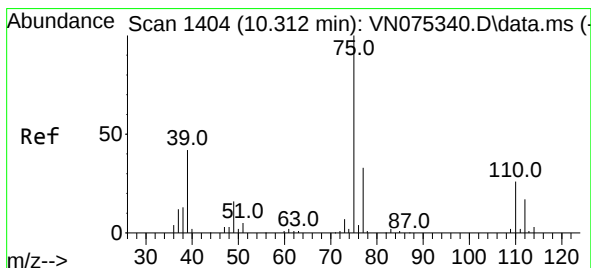
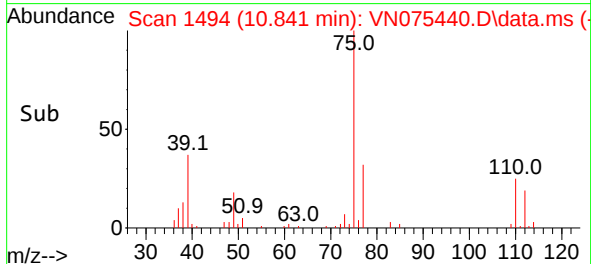
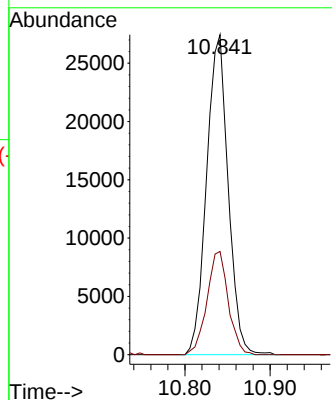
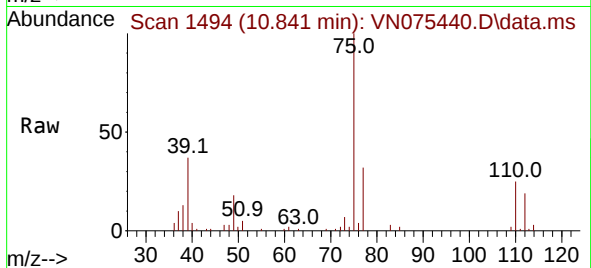
#53
 t-1,3-Dichloropropene
 Concen: 20.021 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075440.D
 Acq: 28 Nov 2022 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Tgt Ion: 75 Resp: 4824
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2

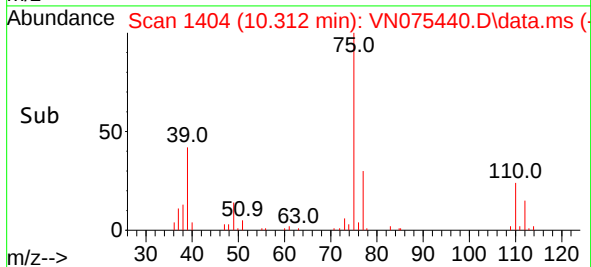
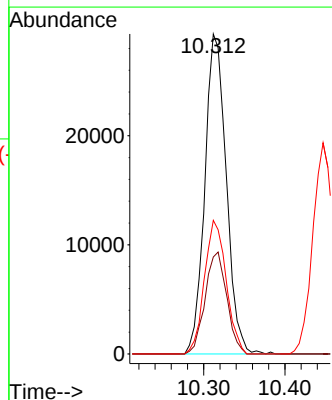
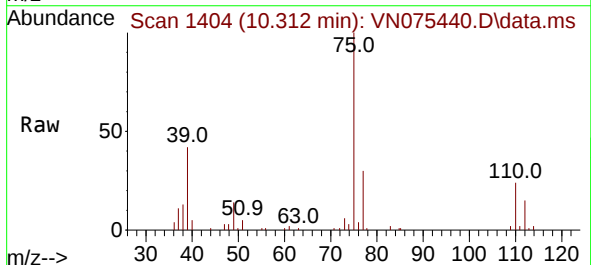
Manual Integrations
 APPROVED

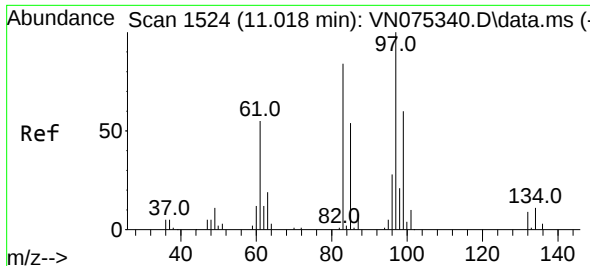
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.571 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075440.D
 Acq: 28 Nov 2022 11:43

Tgt Ion: 75 Resp: 53840
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.7 35.5
 39 41.8 35.8 53.6





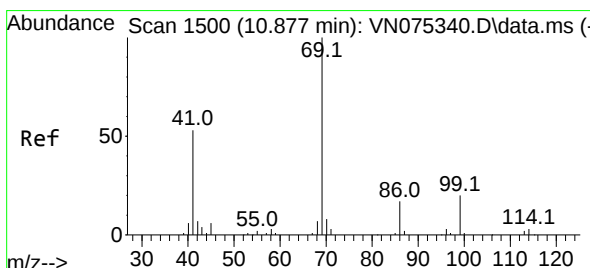
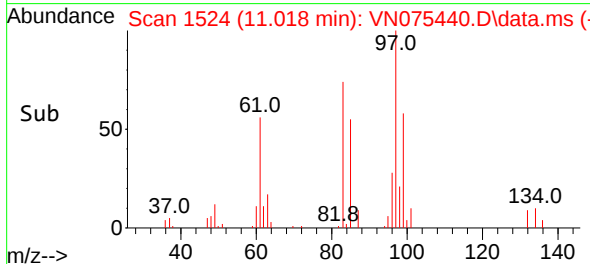
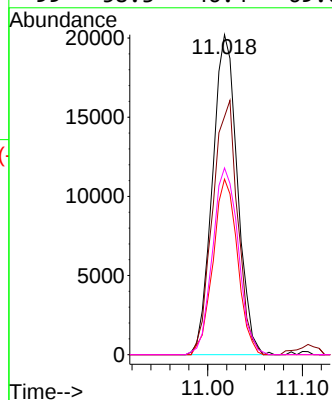
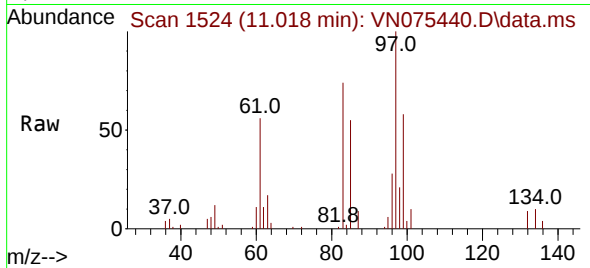
#55
1,1,2-Trichloroethane
Concen: 20.513 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 97	Resp: 37024
Ion Ratio	Lower Upper
97 100	
83 74.4	65.9 98.9
85 54.9	40.4 60.6
99 58.3	46.4 69.6

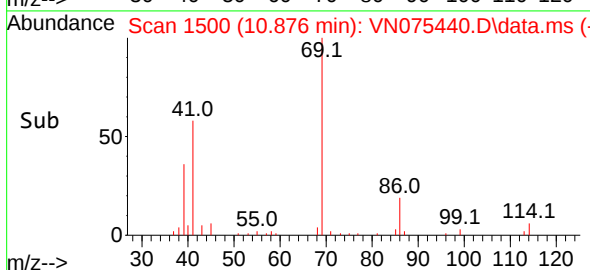
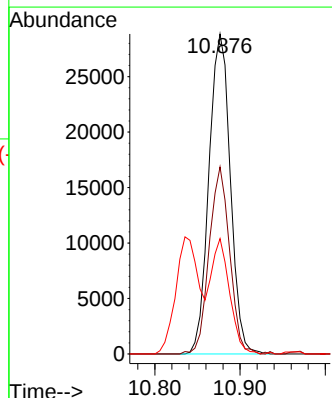
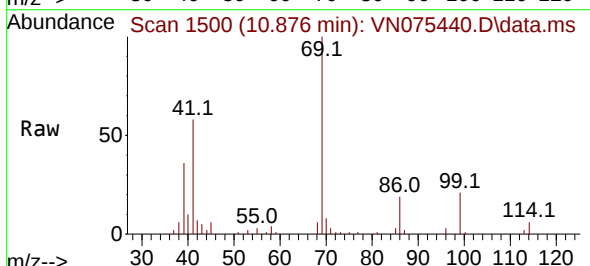
Manual Integrations
APPROVED

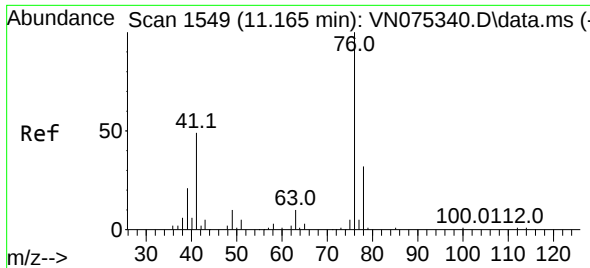
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#56
Ethyl methacrylate
Concen: 20.663 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 69	Resp: 50367
Ion Ratio	Lower Upper
69 100	
41 55.9	45.6 68.4
39 31.2	28.5 42.7





#57

1,3-Dichloropropane

Concen: 20.284 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 76 Resp: 5969

Ion Ratio Lower Upper

76 100

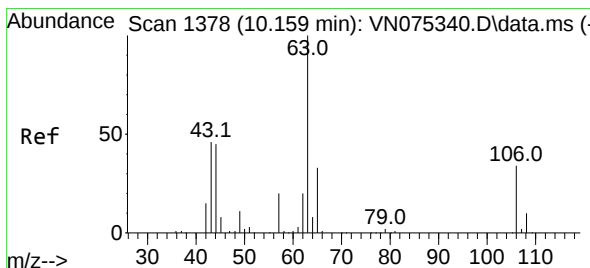
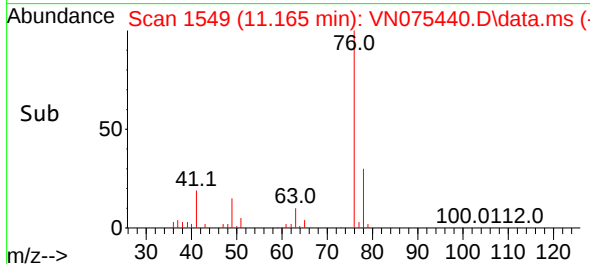
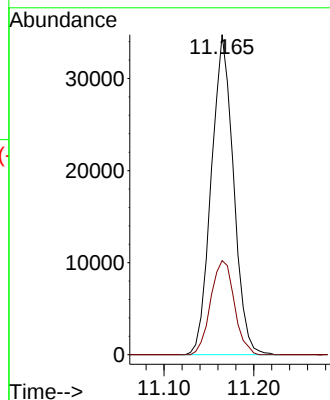
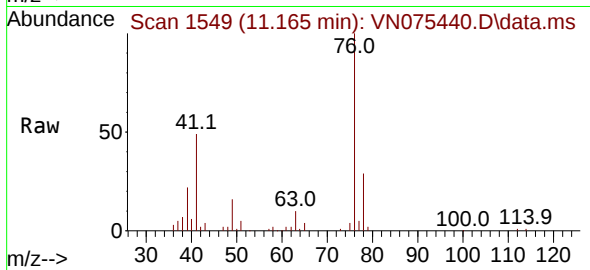
78 31.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 101.035 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075440.D

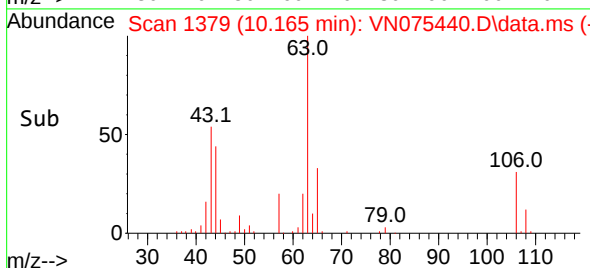
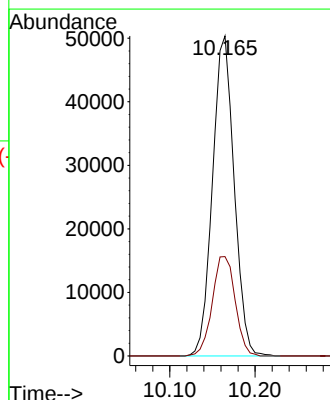
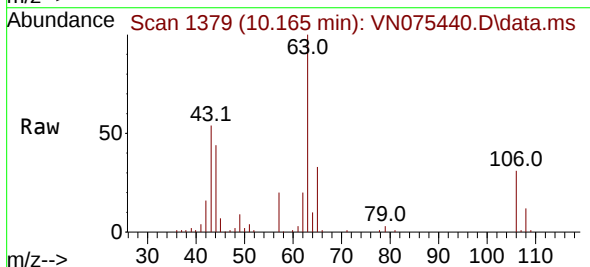
Acq: 28 Nov 2022 11:43

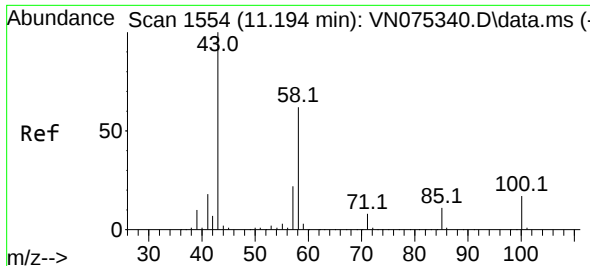
Tgt Ion: 63 Resp: 88819

Ion Ratio Lower Upper

63 100

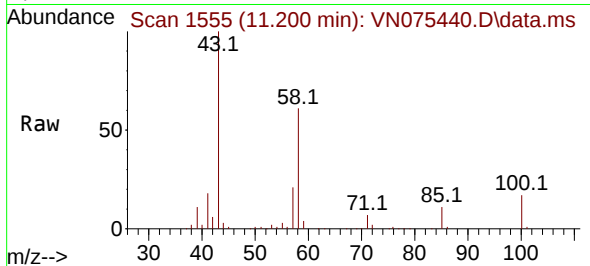
106 32.9 24.8 37.2





#59
2-Hexanone
Concen: 102.077 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

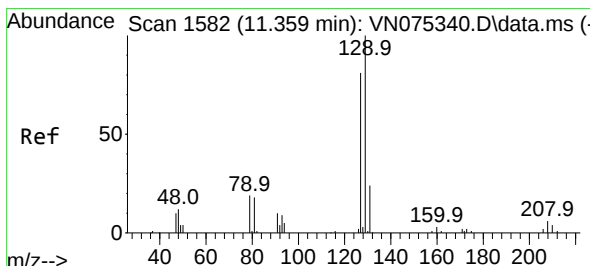
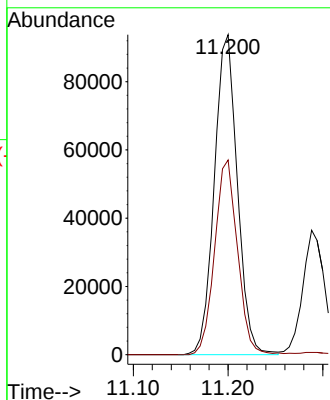
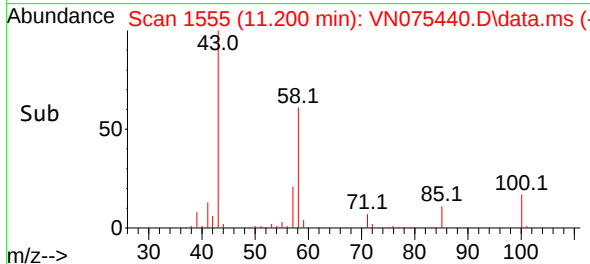
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 43 Resp: 15848
Ion Ratio Lower Upper
43 100
58 60.5 29.6 88.8

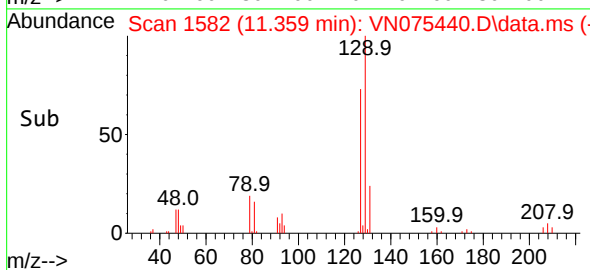
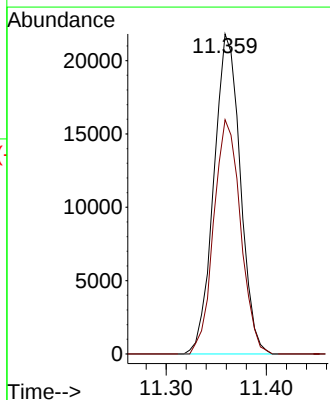
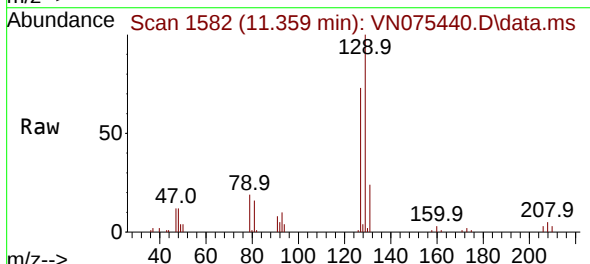
Manual Integrations
APPROVED

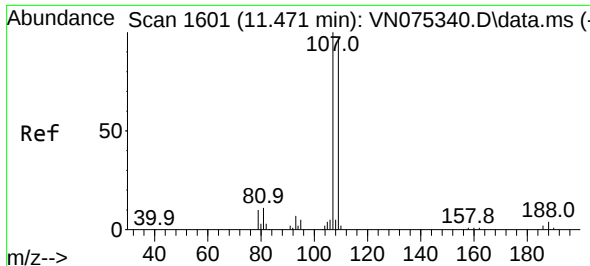
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#60
Dibromochloromethane
Concen: 21.553 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion:129 Resp: 39930
Ion Ratio Lower Upper
129 100
127 74.4 38.6 115.8





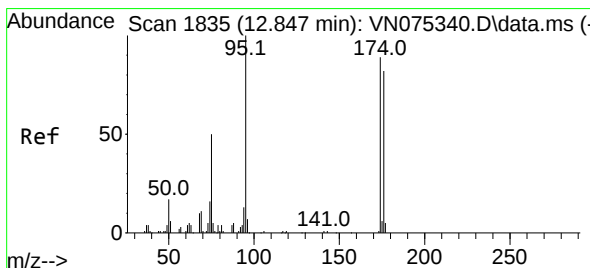
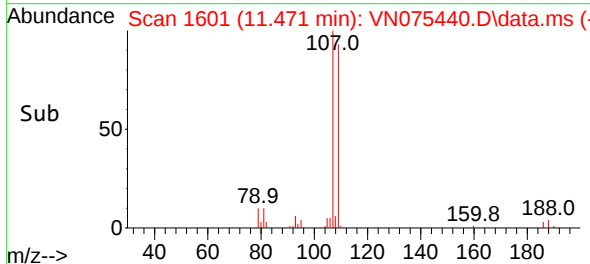
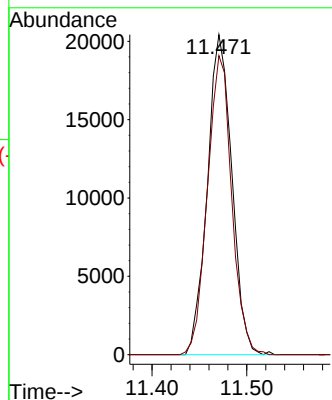
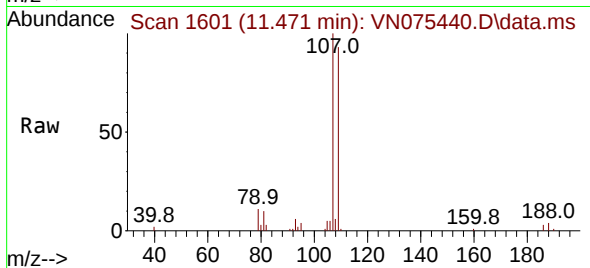
#61
1,2-Dibromoethane
Concen: 19.613 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion:107 Resp: 3674
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4

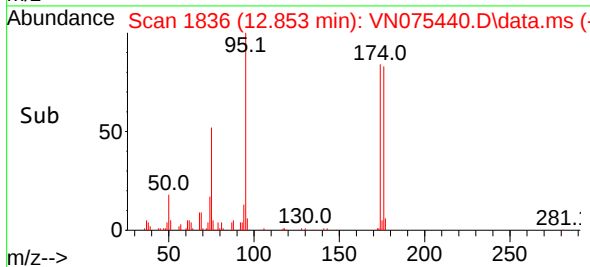
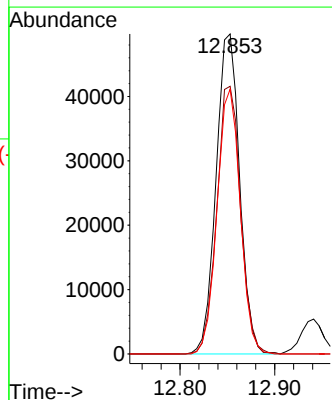
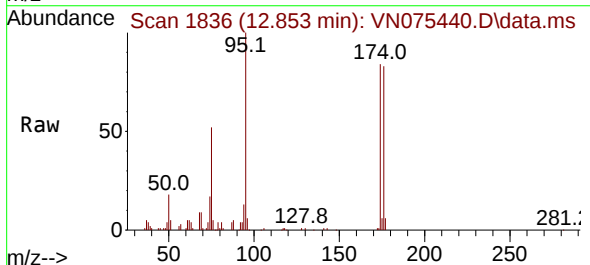
Manual Integrations
APPROVED

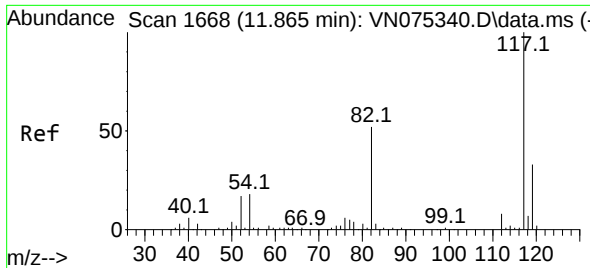
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#62
4-Bromofluorobenzene
Concen: 50.220 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

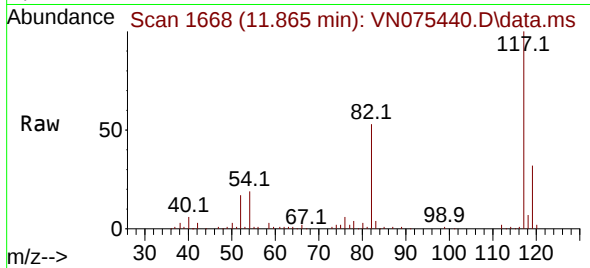
Tgt Ion: 95 Resp: 85987
Ion Ratio Lower Upper
95 100
174 84.6 0.0 147.4
176 81.2 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

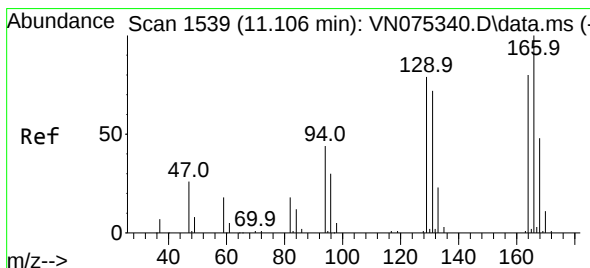
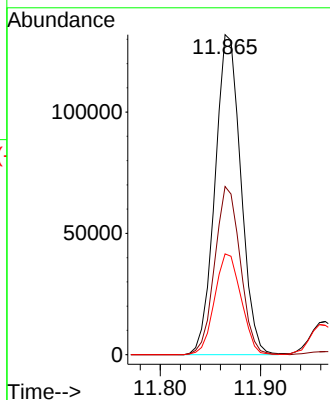
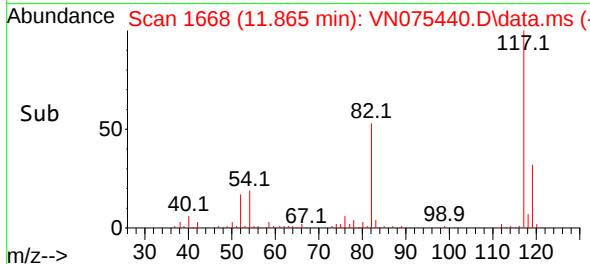
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



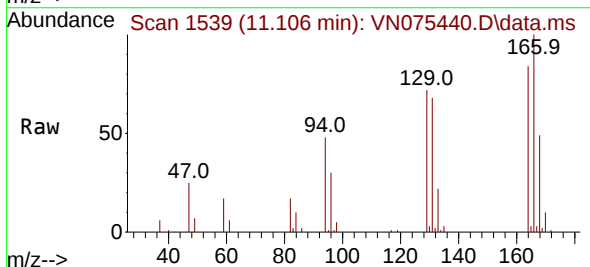
Tgt Ion:117 Resp: 236129
Ion Ratio Lower Upper
117 100
82 52.6 43.1 64.7
119 31.5 25.5 38.3

Manual Integrations
APPROVED

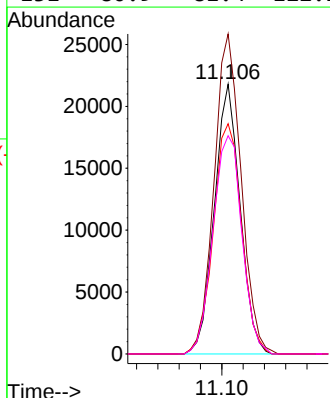
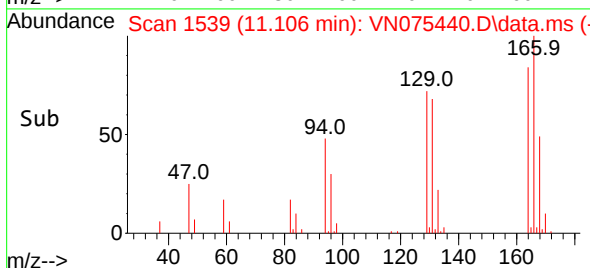
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

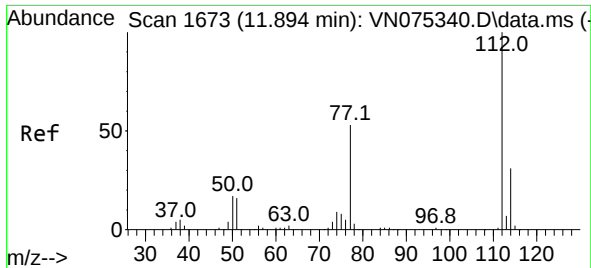


#64
Tetrachloroethene
Concen: 20.286 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43



Tgt Ion:164 Resp: 36579
Ion Ratio Lower Upper
164 100
166 118.6 106.5 159.7
129 85.3 81.9 122.9
131 80.9 81.4 122.2#





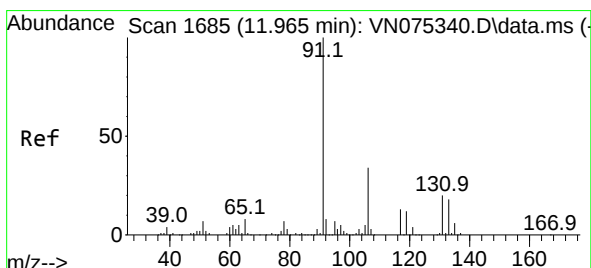
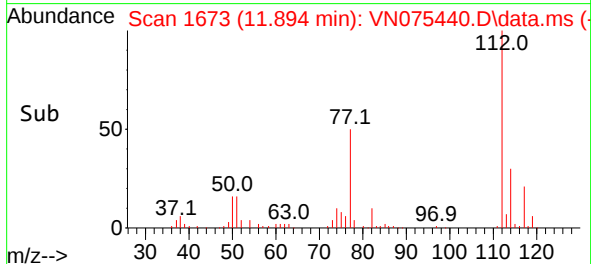
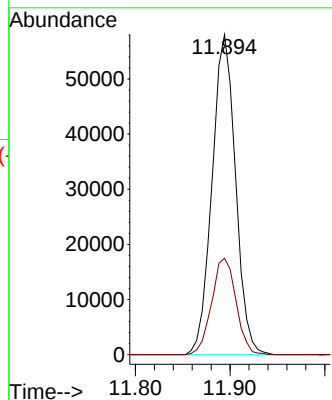
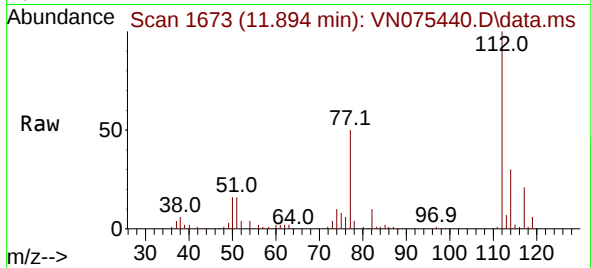
#65
Chlorobenzene
Concen: 20.504 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion:112 Resp: 99984
Ion Ratio Lower Upper
112 100
114 30.1 25.4 38.2

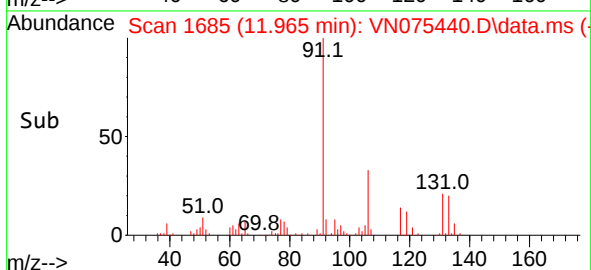
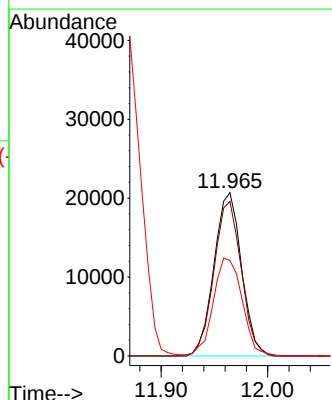
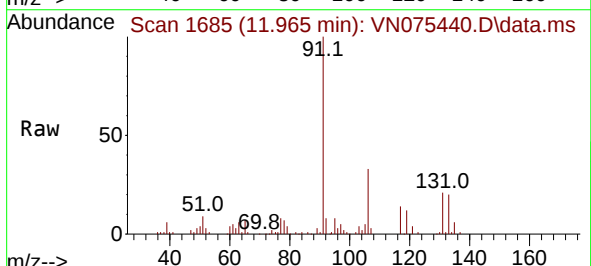
Manual Integrations
APPROVED

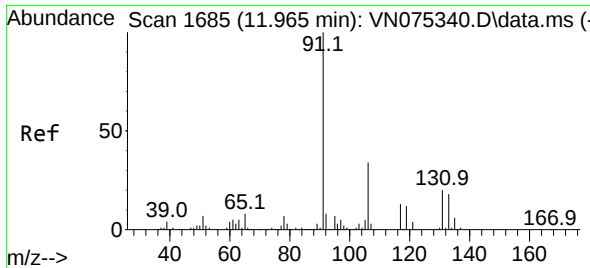
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.434 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

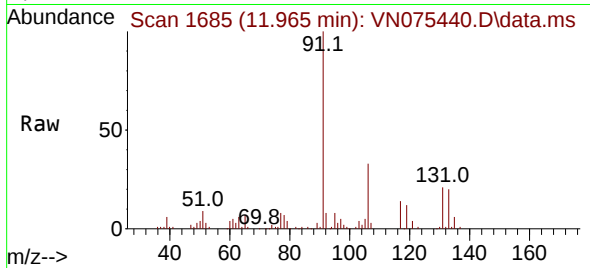
Tgt Ion:131 Resp: 37190
Ion Ratio Lower Upper
131 100
133 93.9 47.8 143.4
119 62.9 33.0 99.0





#67
Ethyl Benzene
Concen: 20.449 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

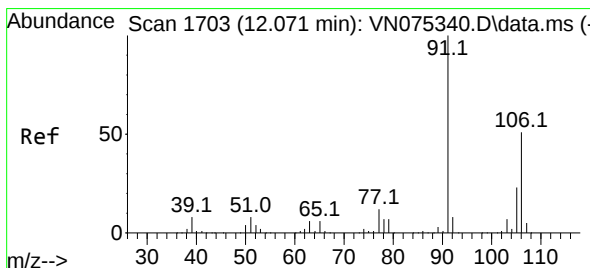
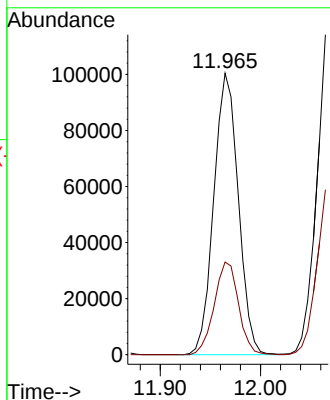
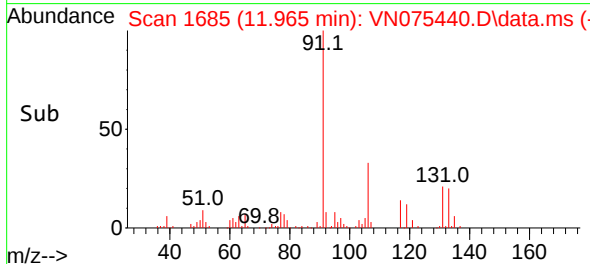
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



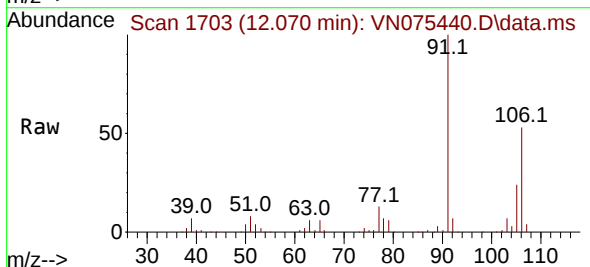
Tgt Ion: 91 Resp: 17012
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

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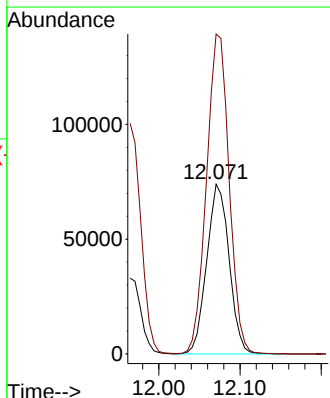
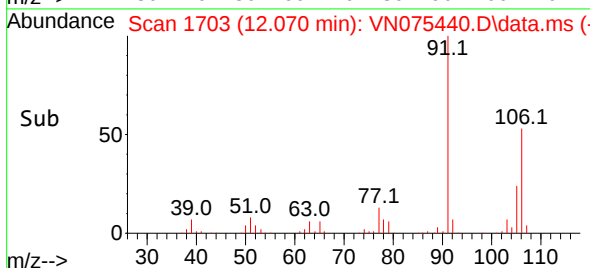
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

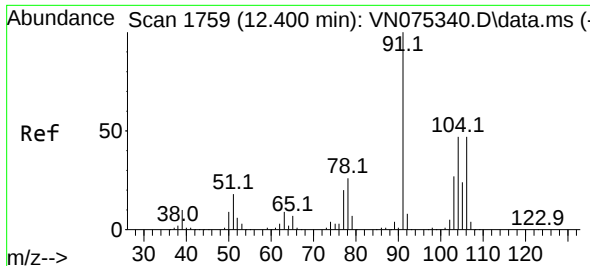


#68
m/p-Xylenes
Concen: 41.921 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43



Tgt Ion:106 Resp: 141626
Ion Ratio Lower Upper
106 100
91 190.8 156.0 234.0





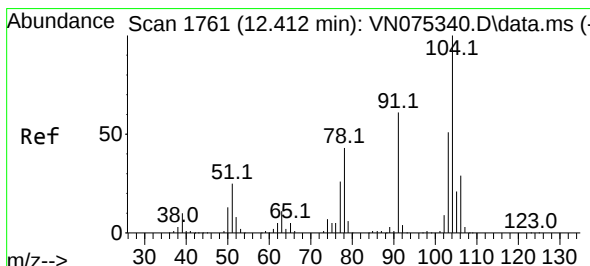
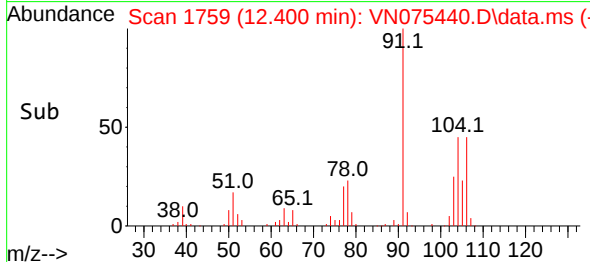
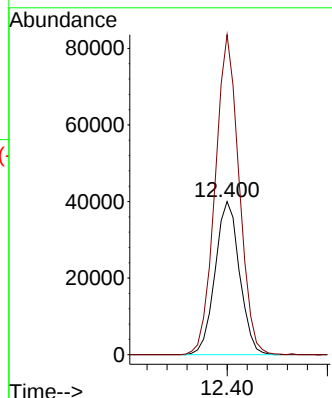
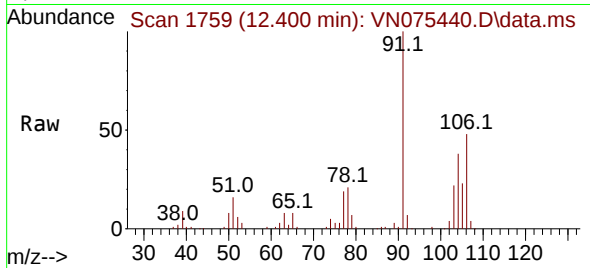
#69
o-Xylene
Concen: 20.142 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion:106 Resp: 6761
Ion Ratio Lower Upper
106 100
91 204.8 105.2 315.5

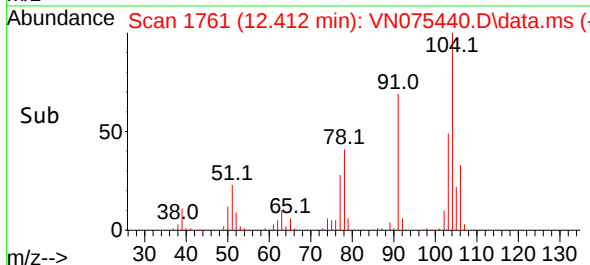
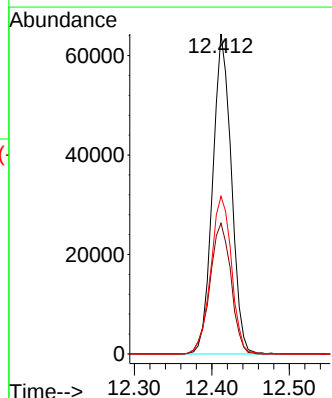
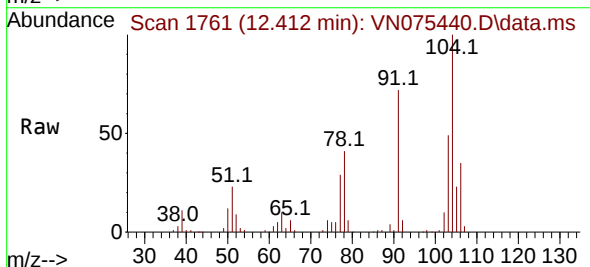
Manual Integrations
APPROVED

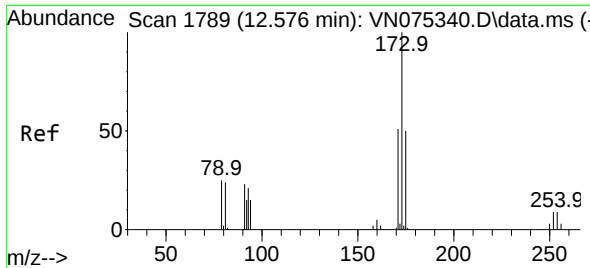
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#70
Styrene
Concen: 20.381 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

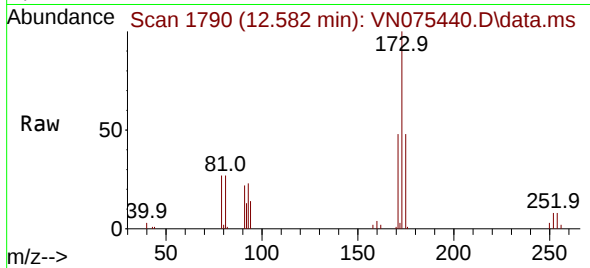
Tgt Ion:104 Resp: 107920
Ion Ratio Lower Upper
104 100
78 46.0 38.1 57.1
103 54.5 44.6 66.8





#71
Bromoform
Concen: 20.593 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

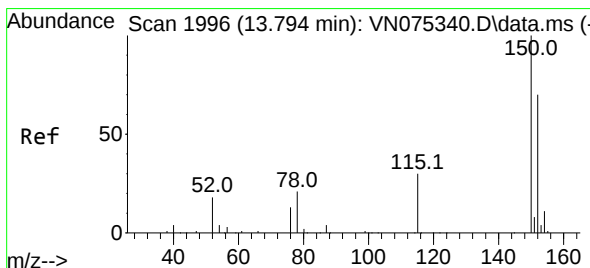
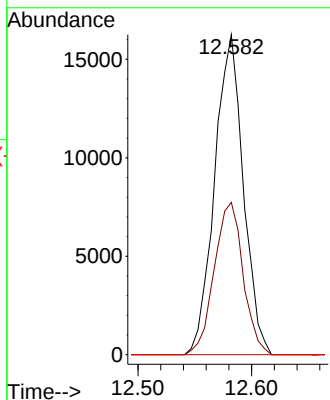
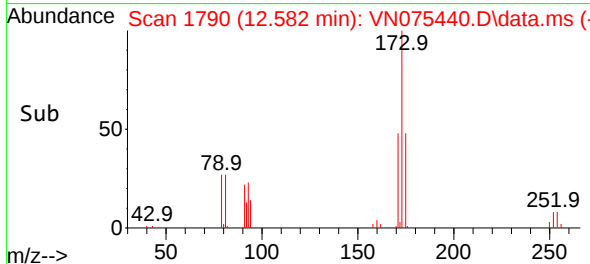
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion:173 Resp: 2852
Ion Ratio Lower Upper
173 100
175 47.8 24.6 74.0
254 0.0 0.0 0.0

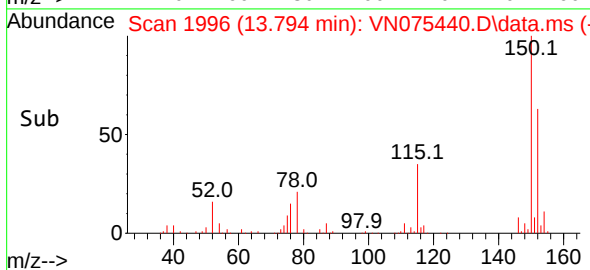
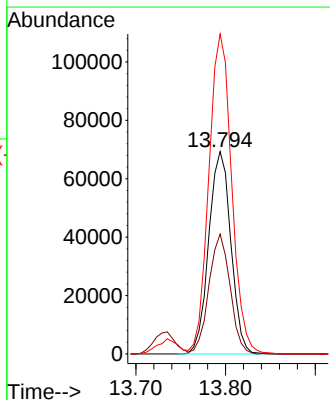
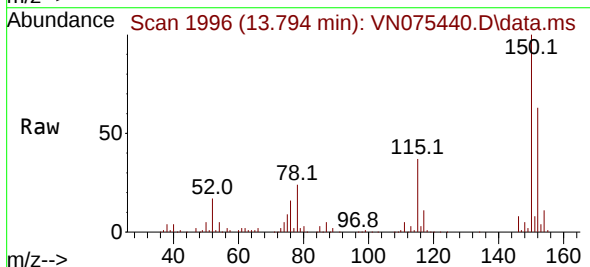
Manual Integrations
APPROVED

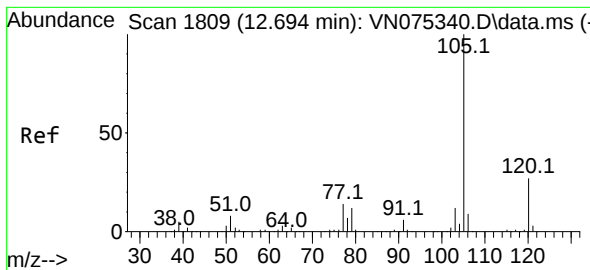
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion:152 Resp: 118554
Ion Ratio Lower Upper
152 100
115 56.7 30.2 90.6
150 163.1 0.0 348.4





#73

Isopropylbenzene

Concen: 20.363 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion:105 Resp: 176378

Ion Ratio Lower Upper

105 100

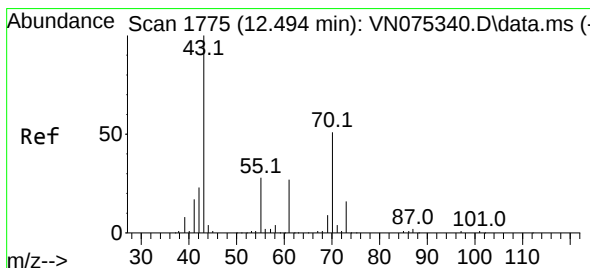
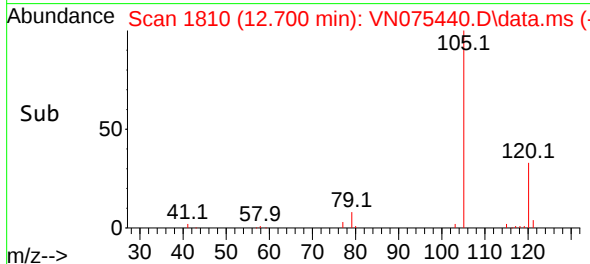
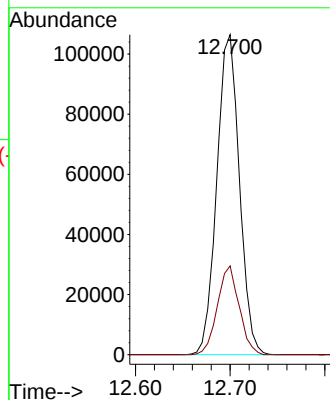
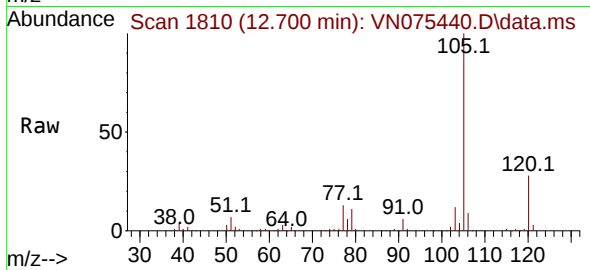
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#74

N-ethyl acetate

Concen: 20.221 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Tgt Ion: 43 Resp: 53846

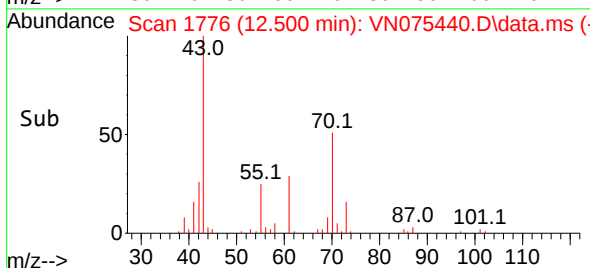
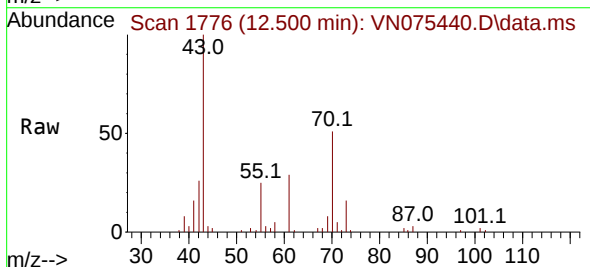
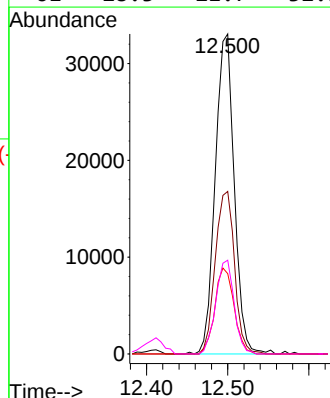
Ion Ratio Lower Upper

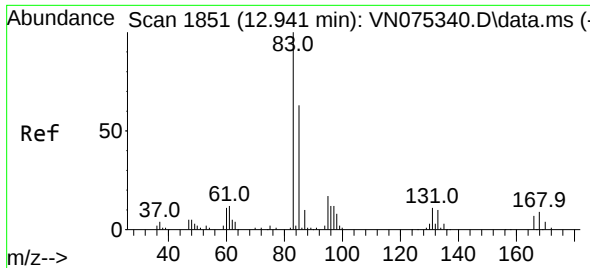
43 100

70 51.5 39.8 59.8

55 27.1 19.9 29.9

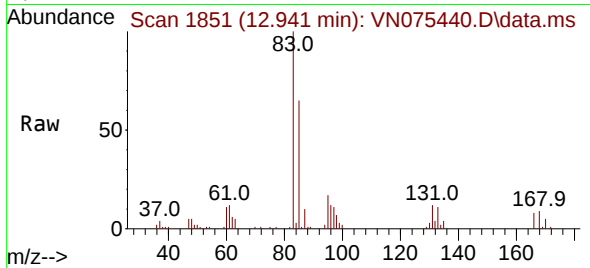
61 28.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.603 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

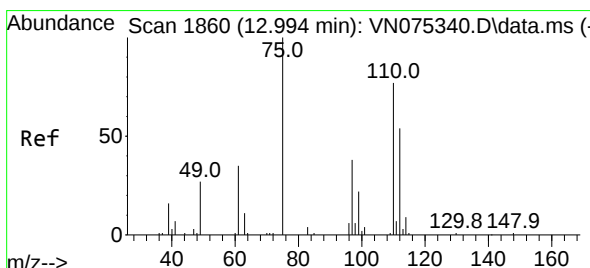
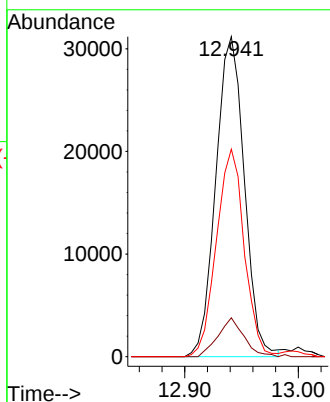
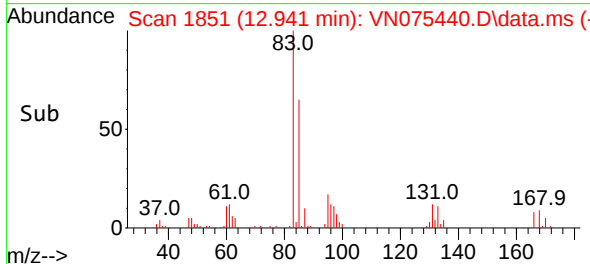
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



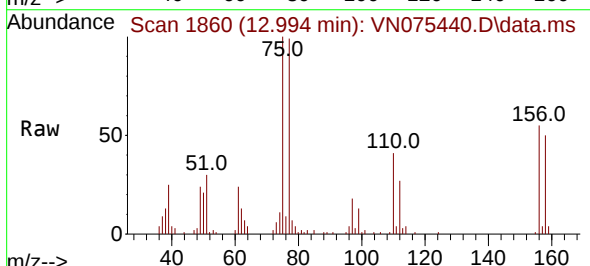
Tgt Ion: 83 Resp: 5440
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.3
85 63.4 31.6 94.7

Manual Integrations
APPROVED

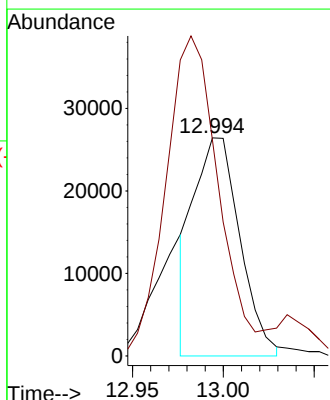
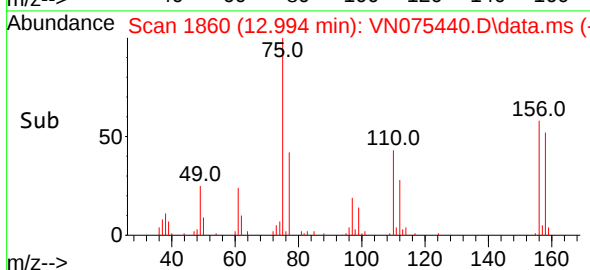
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

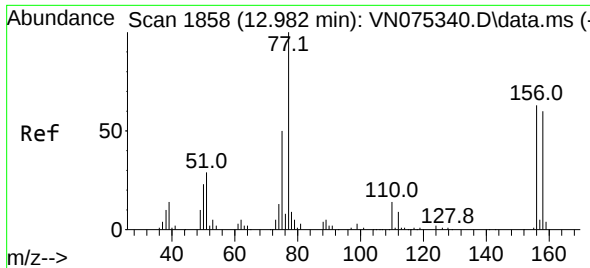


#76
1,2,3-Trichloropropane
Concen: 20.837 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43



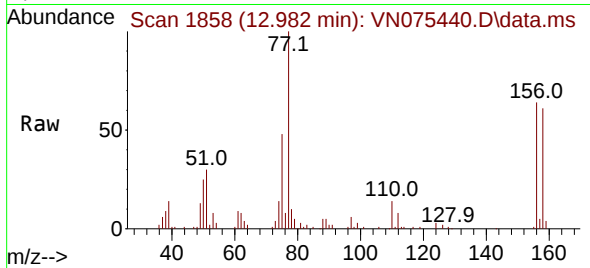
Tgt Ion: 75 Resp: 46708
Ion Ratio Lower Upper
75 100
77 168.9 75.6 226.8





#77
Bromobenzene
Concen: 19.938 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

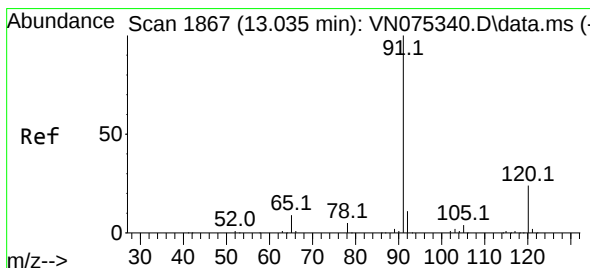
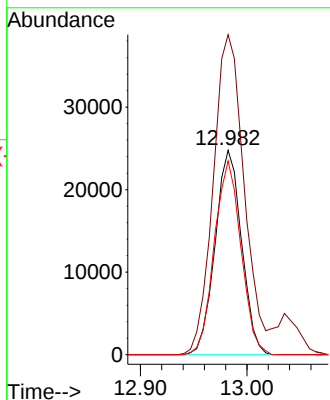
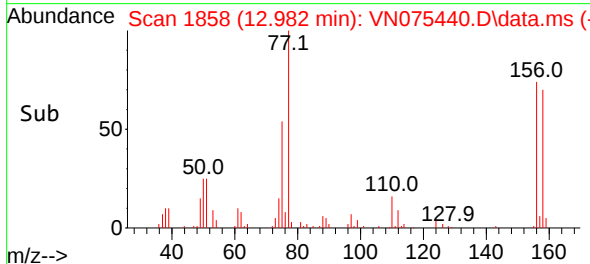
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



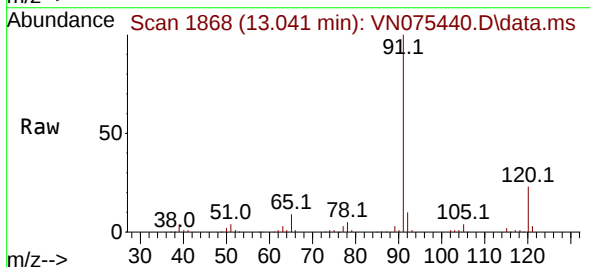
Tgt Ion:156 Resp: 42634
Ion Ratio Lower Upper
156 100
77 185.0 108.5 325.5
158 95.6 47.7 143.1

Manual Integrations
APPROVED

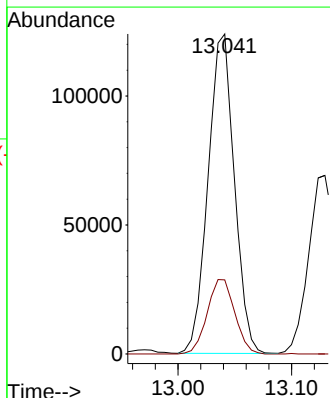
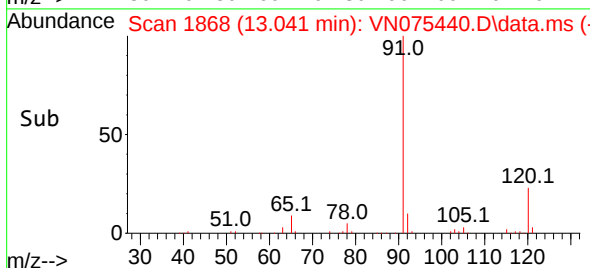
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

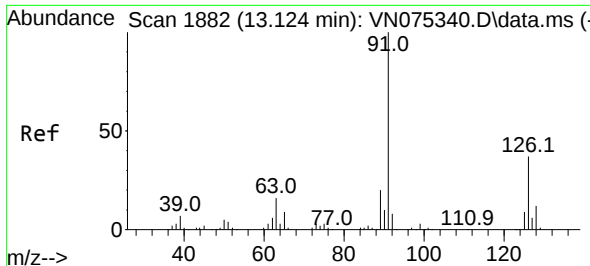


#78
n-propylbenzene
Concen: 20.616 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43



Tgt Ion: 91 Resp: 199276
Ion Ratio Lower Upper
91 100
120 24.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.620 ug/l

RT: 13.129 min Scan# 1882

Delta R.T. 0.005 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

Tgt Ion: 91 Resp: 12009

Ion Ratio Lower Upper

91 100

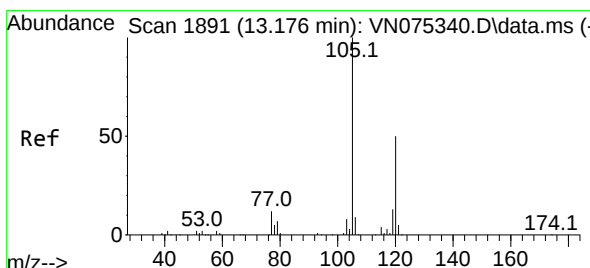
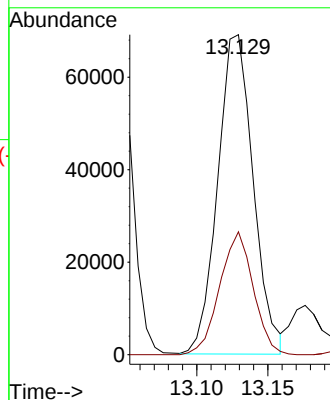
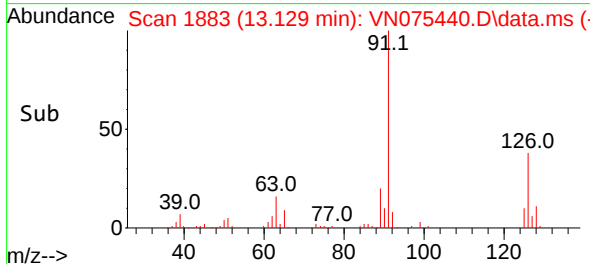
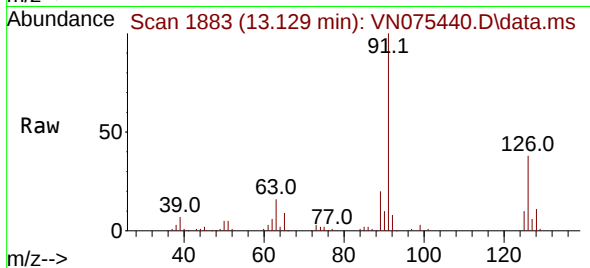
126 36.3 16.9 50.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#80

1,3,5-Trimethylbenzene

Concen: 20.739 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075440.D

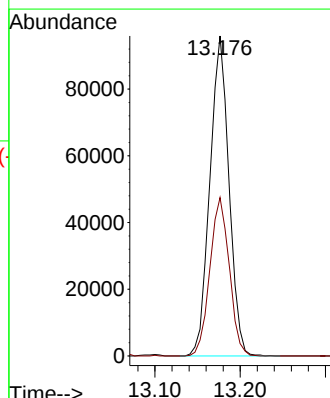
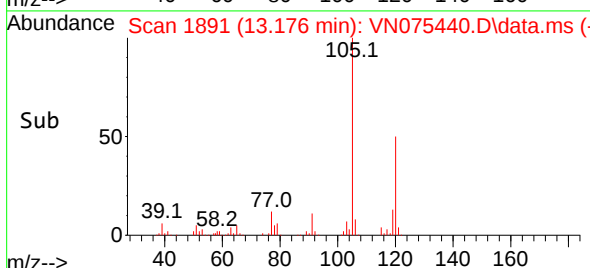
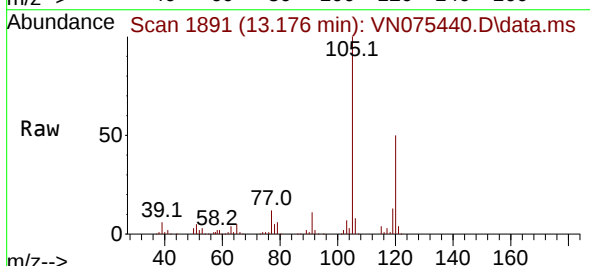
Acq: 28 Nov 2022 11:43

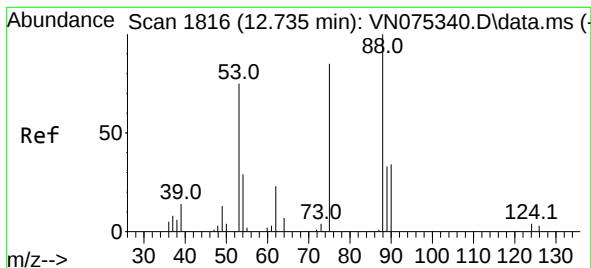
Tgt Ion:105 Resp: 149243

Ion Ratio Lower Upper

105 100

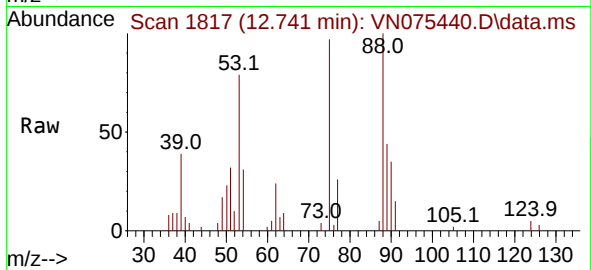
120 50.3 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.808 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

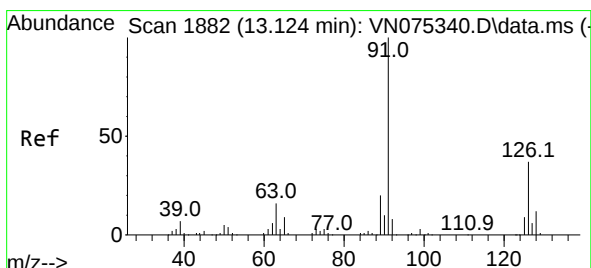
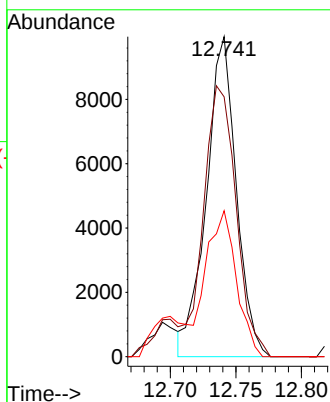
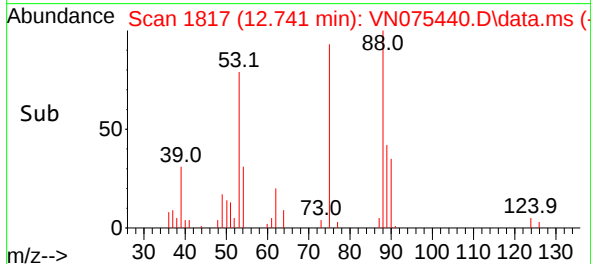
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



Tgt Ion: 75 Resp: 15764
Ion Ratio Lower Upper
75 100
53 92.9 78.5 117.7
89 45.4 37.7 56.5

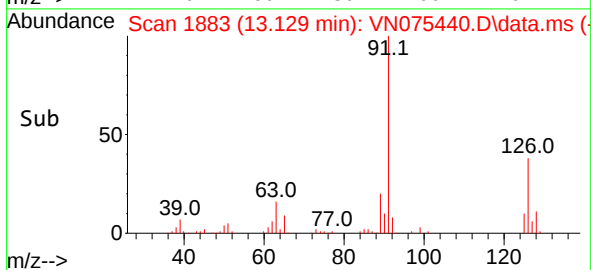
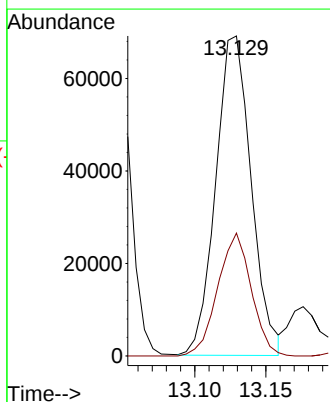
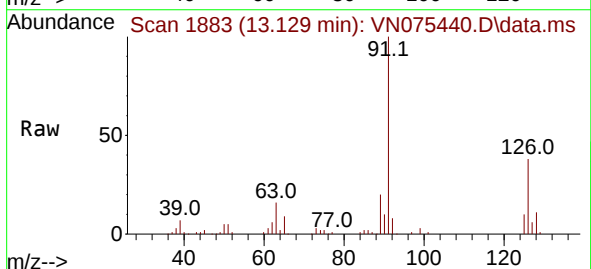
Manual Integrations
APPROVED

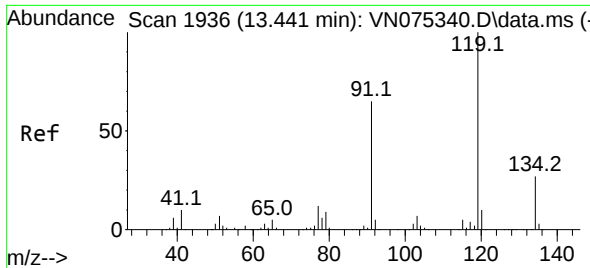
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#82
4-Chlorotoluene
Concen: 20.620 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

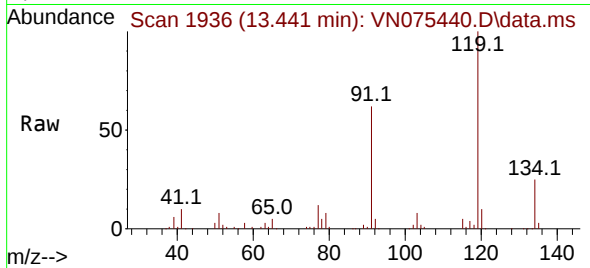
Tgt Ion: 91 Resp: 120095
Ion Ratio Lower Upper
91 100
126 36.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.268 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

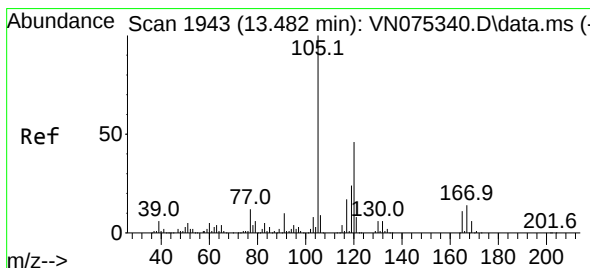
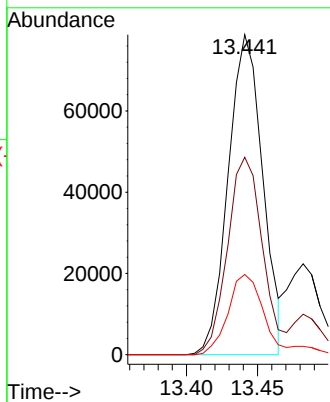
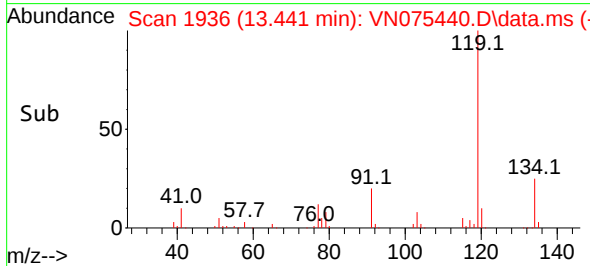
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01



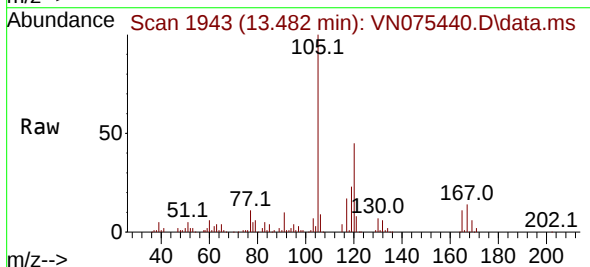
Tgt Ion:119 Resp: 132979
Ion Ratio Lower Upper
119 100
91 63.1 32.8 98.4
134 27.3 12.3 36.9

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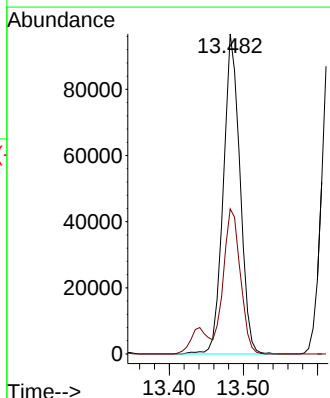
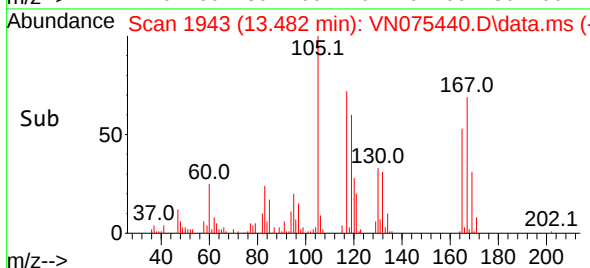
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

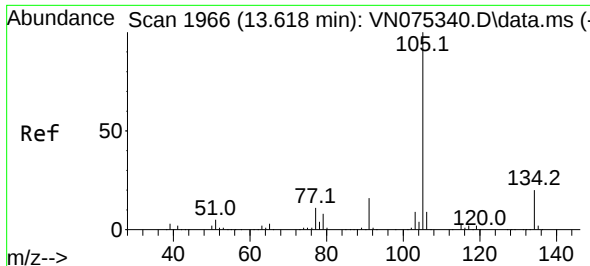


#84
1,2,4-Trimethylbenzene
Concen: 20.892 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43



Tgt Ion:105 Resp: 150798
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.1





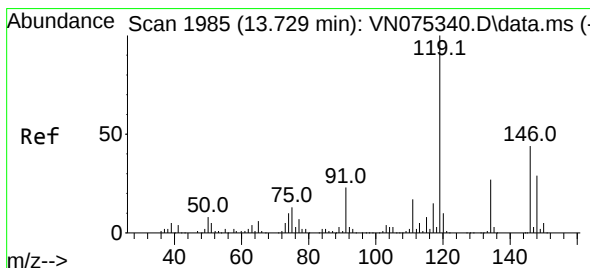
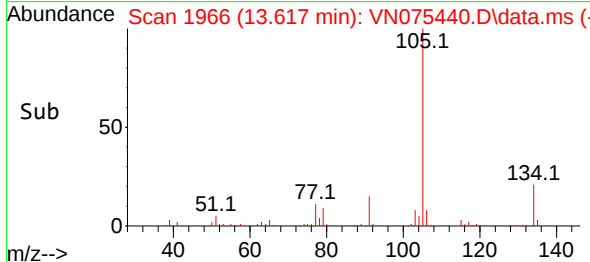
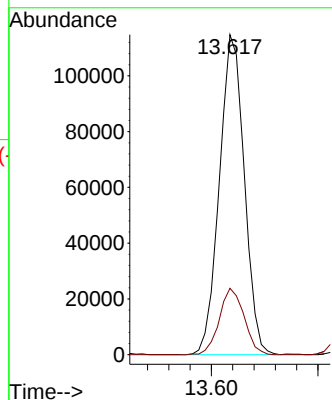
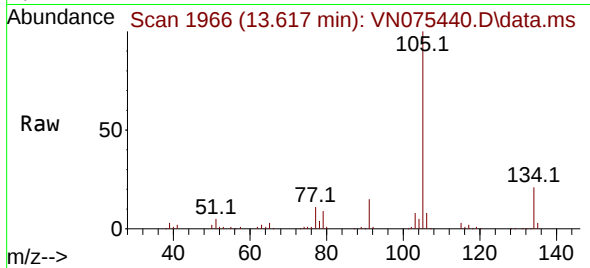
#85
 sec-Butylbenzene
 Concen: 20.883 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075440.D
 Acq: 28 Nov 2022 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Tgt Ion:105 Resp: 18590
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

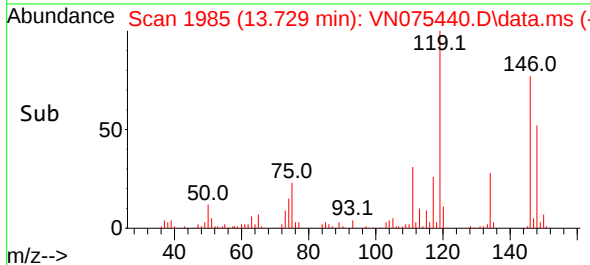
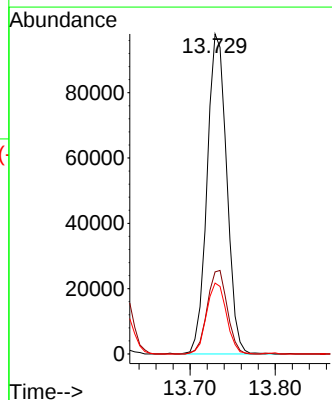
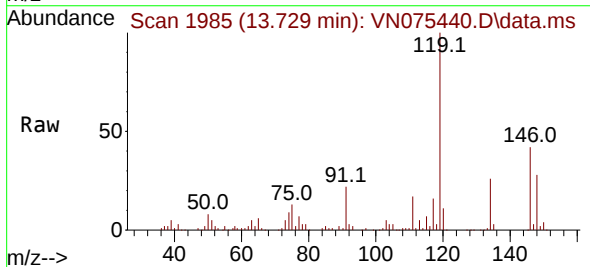
Manual Integrations
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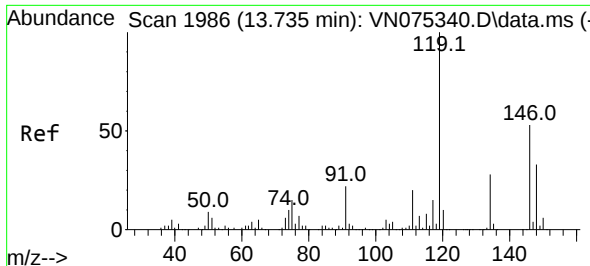
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#86
 p-Isopropyltoluene
 Concen: 20.972 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075440.D
 Acq: 28 Nov 2022 11:43

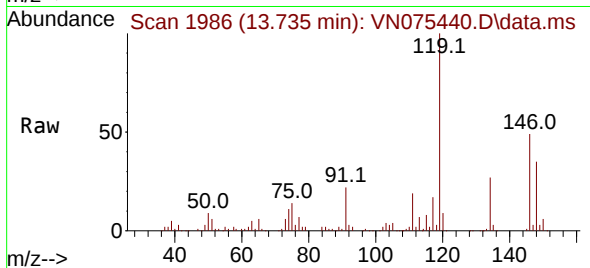
Tgt Ion:119 Resp: 157086
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.4 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 19.528 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075440.D
 Acq: 28 Nov 2022 11:43

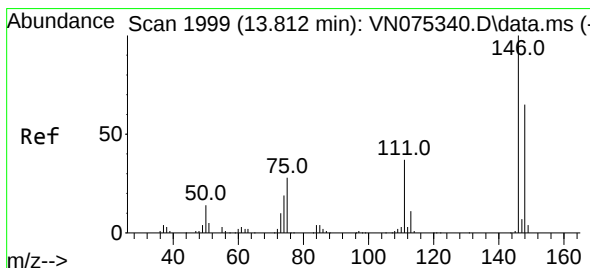
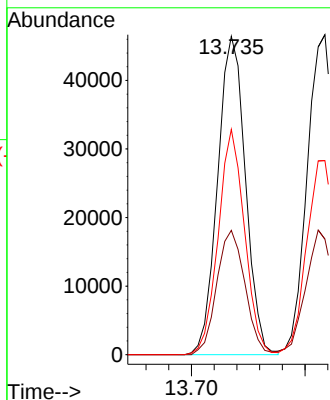
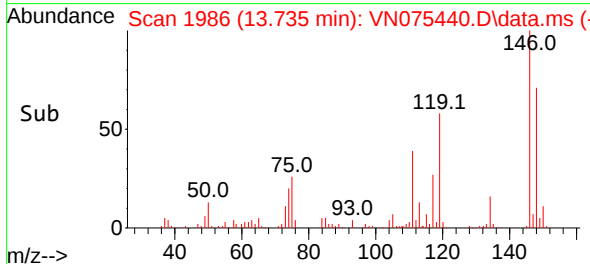
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01



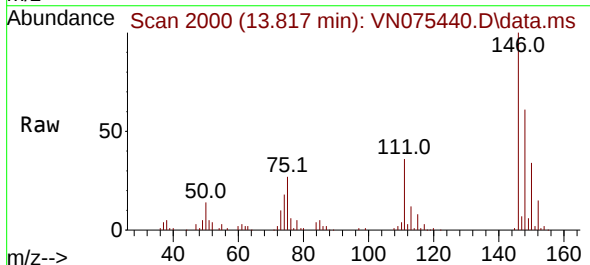
Tgt Ion:146 Resp: 79119
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.8 62.5
 148 67.1 31.1 93.5

Manual Integrations
 APPROVED

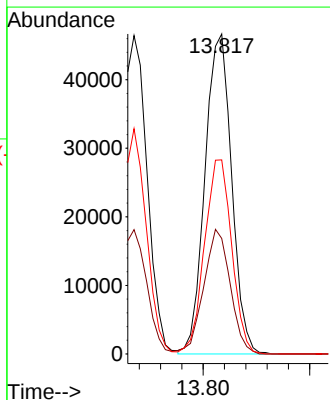
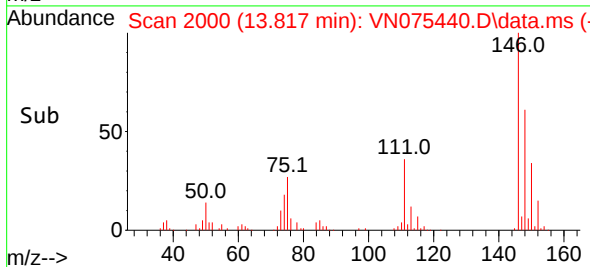
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022

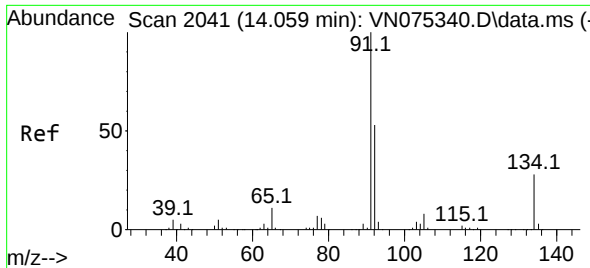


#88
 1,4-Dichlorobenzene
 Concen: 19.735 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.005 min
 Lab File: VN075440.D
 Acq: 28 Nov 2022 11:43



Tgt Ion:146 Resp: 81220
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.1 60.3
 148 62.0 31.9 95.7





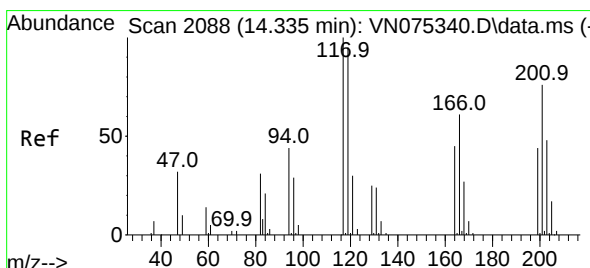
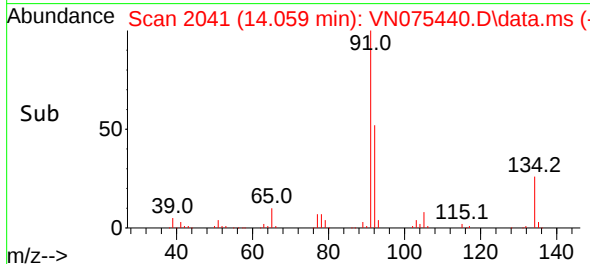
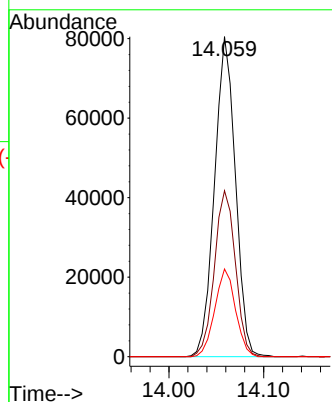
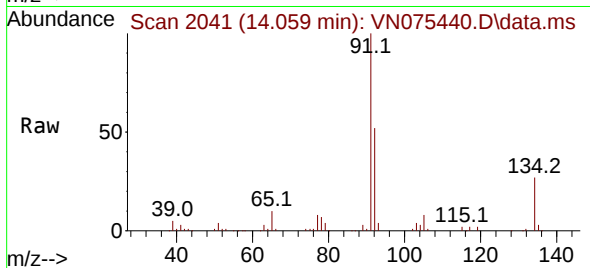
#89
n-Butylbenzene
Concen: 19.475 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion: 91 Resp: 123204
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.4
134 27.2 13.0 39.0

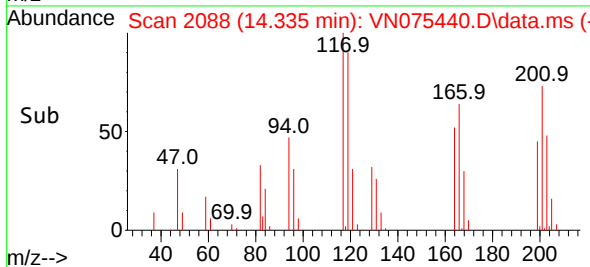
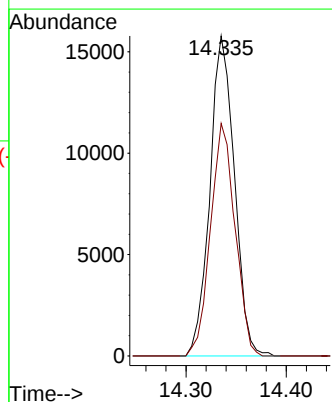
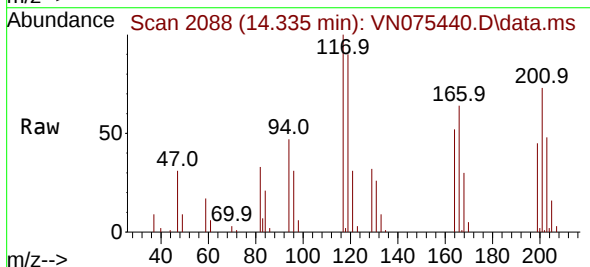
Manual Integrations
APPROVED

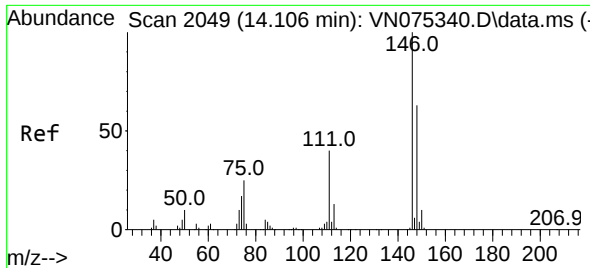
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#90
Hexachloroethane
Concen: 20.755 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion:117 Resp: 26818
Ion Ratio Lower Upper
117 100
201 72.7 31.5 94.5





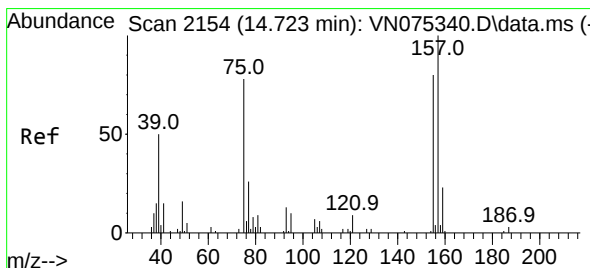
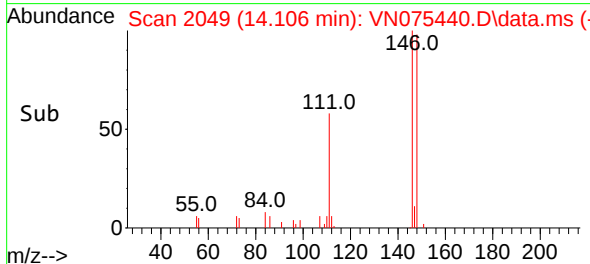
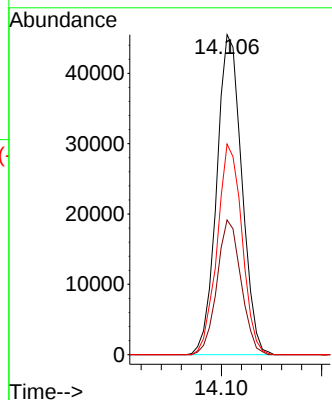
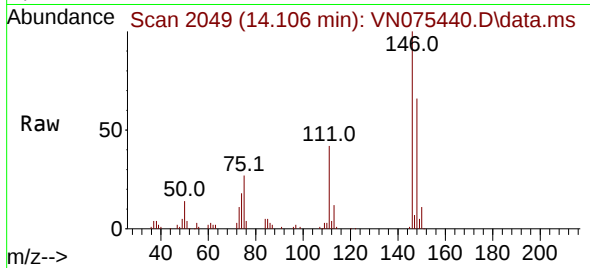
#91
1,2-Dichlorobenzene
Concen: 20.009 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBS01

Tgt Ion:146 Resp: 7902
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.9
148 65.1 31.4 94.2

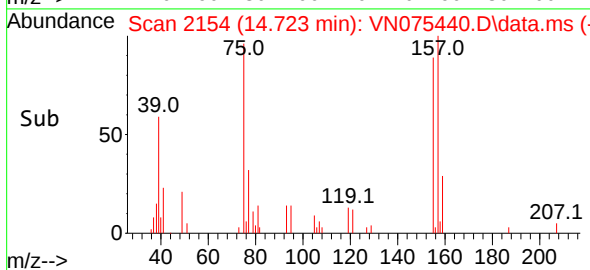
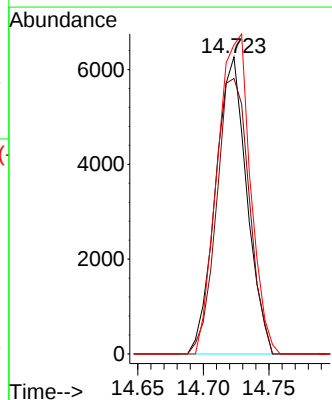
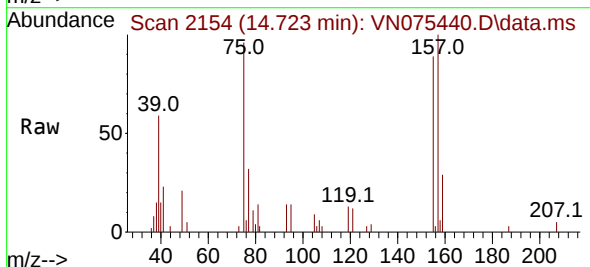
Manual Integrations
APPROVED

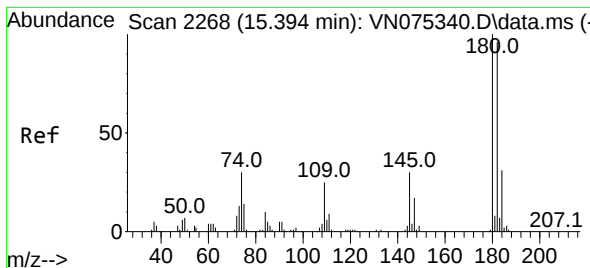
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.781 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075440.D
Acq: 28 Nov 2022 11:43

Tgt Ion: 75 Resp: 10395
Ion Ratio Lower Upper
75 100
155 96.7 42.1 126.3
157 113.9 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 18.634 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

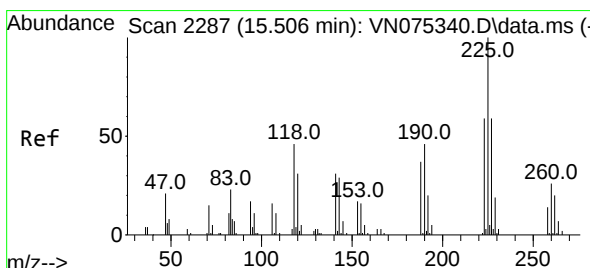
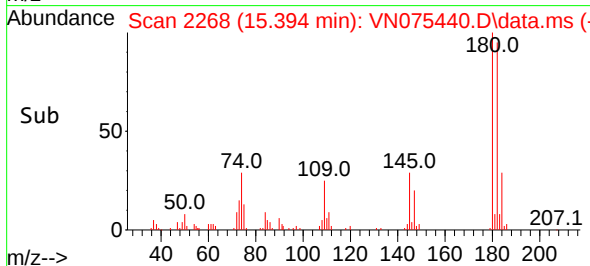
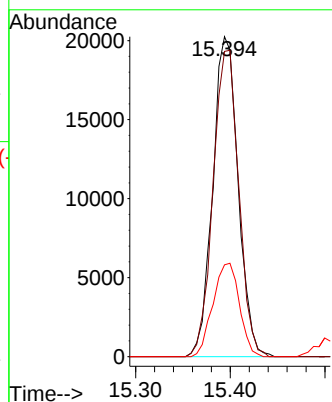
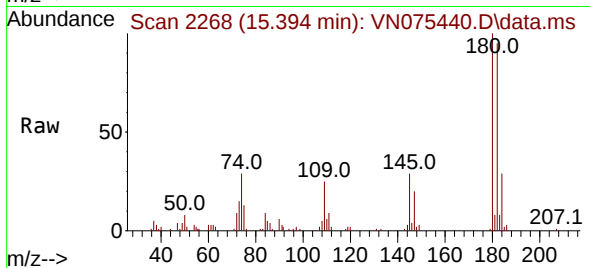
Tgt Ion:180	Resp:	3771
Ion Ratio	Lower	Upper
180	100	
182	96.9	47.8 143.4
145	30.5	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#94

Hexachlorobutadiene

Concen: 19.727 ug/l

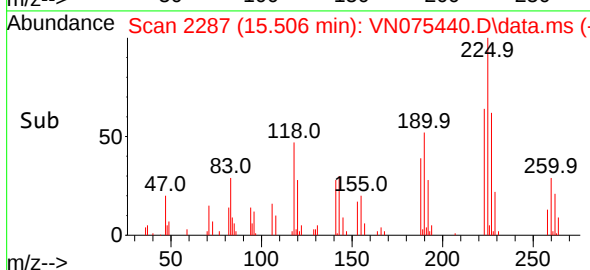
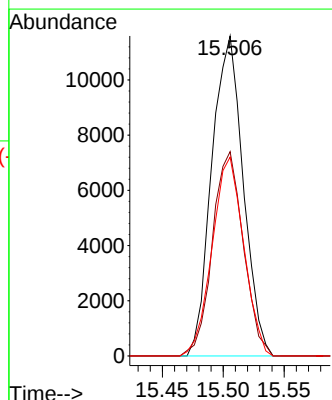
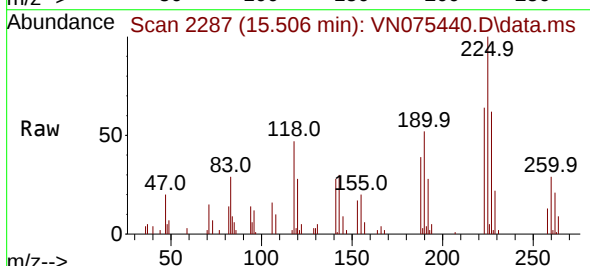
RT: 15.506 min Scan# 2287

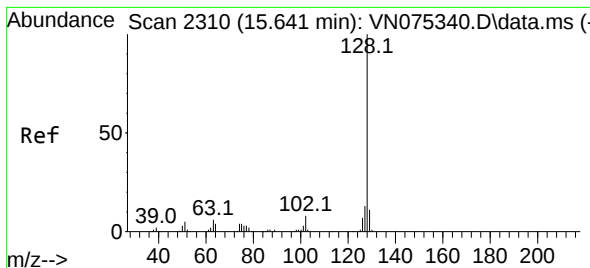
Delta R.T. -0.000 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Tgt Ion:225	Resp:	20796
Ion Ratio	Lower	Upper
225	100	
223	62.7	32.3 96.9
227	62.3	32.0 96.2





#95

Naphthalene

Concen: 19.156 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBS01

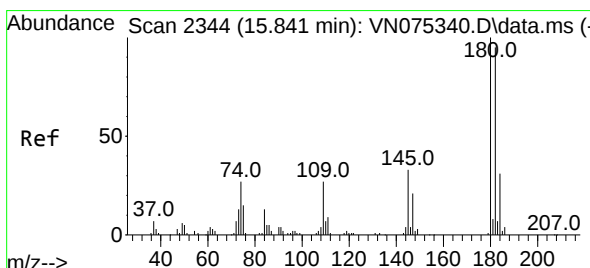
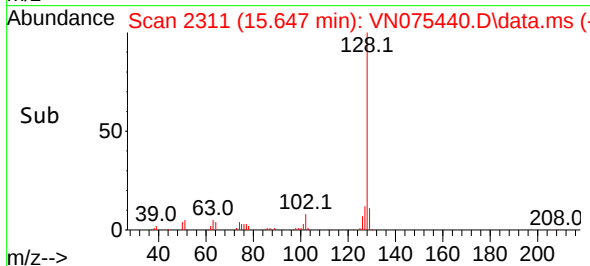
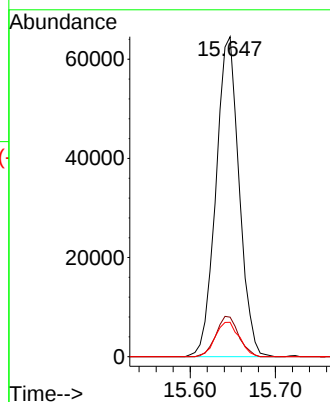
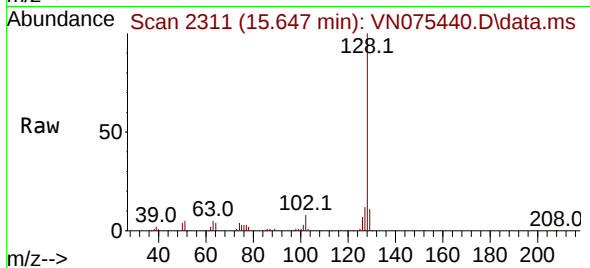
Tgt Ion:128	Resp:	121962
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.4 15.6
129	11.1	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#96

1,2,3-Trichlorobenzene

Concen: 18.972 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075440.D

Acq: 28 Nov 2022 11:43

Tgt Ion:180	Resp:	37737
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.3 141.8
145	32.3	17.6 52.9

