

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075081.D
 Acq On : 31 Oct 2022 12:48
 Operator : JC\MD
 Sample : VN1031WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01

Quant Time: Nov 01 06:13:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	101757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	184890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	171114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74639	54.439	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.880%			
35) Dibromofluoromethane	8.171	113	59700	55.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.000%			
50) Toluene-d8	10.571	98	237518	56.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.800%			
62) 4-Bromofluorobenzene	12.853	95	82190	55.561	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	25520	19.279	ug/l	91
3) Chloromethane	2.377	50	27709	19.707	ug/l	97
4) Vinyl Chloride	2.524	62	39345	19.615	ug/l	98
5) Bromomethane	2.948	94	31689	19.063	ug/l	99
6) Chloroethane	3.118	64	27433	19.073	ug/l	93
7) Trichlorofluoromethane	3.506	101	41313	20.162	ug/l	98
8) Diethyl Ether	3.971	74	14475	19.368	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	23430	20.705	ug/l	98
10) Methyl Iodide	4.606	142	32204	19.116	ug/l	99
11) Tert butyl alcohol	5.542	59	29225	91.404	ug/l	100
12) 1,1-Dichloroethene	4.353	96	21236	19.688	ug/l	98
13) Acrolein	4.195	56	26828	102.583	ug/l	99
14) Allyl chloride	5.036	41	32235	20.462	ug/l	97
15) Acrylonitrile	5.736	53	68156	100.909	ug/l	99
16) Acetone	4.442	43	62512	107.679	ug/l	99
17) Carbon Disulfide	4.718	76	50935	18.778	ug/l	96
18) Methyl Acetate	5.036	43	38703	20.410	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	79898	19.929	ug/l	94
20) Methylene Chloride	5.289	84	25726	19.875	ug/l #	87
21) trans-1,2-Dichloroethene	5.800	96	22936	19.421	ug/l	94
22) Diisopropyl ether	6.683	45	68970	19.838	ug/l	93
23) Vinyl Acetate	6.618	43	254528	87.674	ug/l	99
24) 1,1-Dichloroethane	6.577	63	44512	20.244	ug/l	97
25) 2-Butanone	7.494	43	91708	100.433	ug/l	99
26) 2,2-Dichloropropane	7.494	77	41326	20.430	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	27637	19.595	ug/l	97
28) Bromochloromethane	7.818	49	18510	19.970	ug/l	98
29) Tetrahydrofuran	7.847	42	59267	100.443	ug/l	97
30) Chloroform	7.971	83	48649	20.378	ug/l	99
31) Cyclohexane	8.265	56	39698	19.468	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	43781	20.195	ug/l	96
36) 1,1-Dichloropropene	8.377	75	34527	20.547	ug/l	98
37) Ethyl Acetate	7.565	43	37412	20.301	ug/l	97
38) Carbon Tetrachloride	8.365	117	38425	20.788	ug/l	95
39) Methylcyclohexane	9.606	83	43840	19.762	ug/l	96
40) Benzene	8.612	78	104878	20.384	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	18188	20.600	ug/l	98
42) 1,2-Dichloroethane	8.677	62	41644	22.247	ug/l	97
43) Isopropyl Acetate	8.694	43	58938	20.619	ug/l	98
44) Trichloroethene	9.353	130	26680	20.669	ug/l	98
45) 1,2-Dichloropropane	9.630	63	26318	21.494	ug/l	98
46) Dibromomethane	9.712	93	19105	20.027	ug/l	96
47) Bromodichloromethane	9.888	83	37504	20.302	ug/l	92
48) Methyl methacrylate	9.683	41	26206	19.986	ug/l	99
49) 1,4-Dioxane	9.694	88	13834	402.898	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	191376	103.749	ug/l	99
52) Toluene	10.635	92	71389	20.757	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	39898	20.462	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	41739	20.182	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	28549	20.934	ug/l	97
56) Ethyl methacrylate	10.877	69	41287	19.848	ug/l	98
57) 1,3-Dichloropropane	11.165	76	46968	20.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	89640	111.465	ug/l	99
59) 2-Hexanone	11.200	43	144482	103.202	ug/l	98
60) Dibromochloromethane	11.359	129	28708	19.953	ug/l	99
61) 1,2-Dibromoethane	11.471	107	27967	20.011	ug/l	99
64) Tetrachloroethene	11.106	164	23483	22.385	ug/l	90
65) Chlorobenzene	11.894	112	73616	20.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	27458	20.265	ug/l	98
67) Ethyl Benzene	11.965	91	134393	20.451	ug/l	99
68) m/p-Xylenes	12.071	106	105874	40.154	ug/l	96
69) o-Xylene	12.400	106	52491	20.130	ug/l	99
70) Styrene	12.412	104	84764	20.387	ug/l	98
71) Bromoform	12.582	173	19632	19.353	ug/l #	99
73) Isopropylbenzene	12.700	105	133640	20.432	ug/l	98
74) N-amyl acetate	12.494	43	49957	20.651	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	43633	20.903	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	34371m	19.869	ug/l	
77) Bromobenzene	12.982	156	30192	20.964	ug/l	97
78) n-propylbenzene	13.035	91	160010	21.789	ug/l	98
79) 2-Chlorotoluene	13.129	91	95223	21.220	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	116436	21.194	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	12081	17.927	ug/l	94
82) 4-Chlorotoluene	13.129	91	95223	21.220	ug/l	98
83) tert-Butylbenzene	13.441	119	101387	20.769	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	117026	21.053	ug/l	99
85) sec-Butylbenzene	13.618	105	145809	21.352	ug/l	97
86) p-Isopropyltoluene	13.729	119	118381	20.990	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	58025	20.577	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	58048	20.800	ug/l	97
89) n-Butylbenzene	14.059	91	97847	21.545	ug/l	98
90) Hexachloroethane	14.341	117	20664	19.983	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	58705	20.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9375	21.249	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	24740	20.508	ug/l	100
94) Hexachlorobutadiene	15.506	225	11941	20.305	ug/l	97
95) Naphthalene	15.641	128	92105	19.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	24252	20.233	ug/l	98

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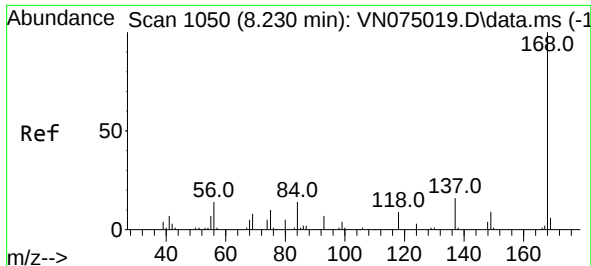
Manual Integrations
APPROVED

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Quant Time: Nov 01 06:13:44 2022
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Quant Title : SW846 8260
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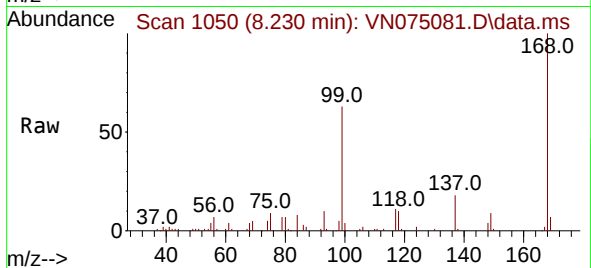
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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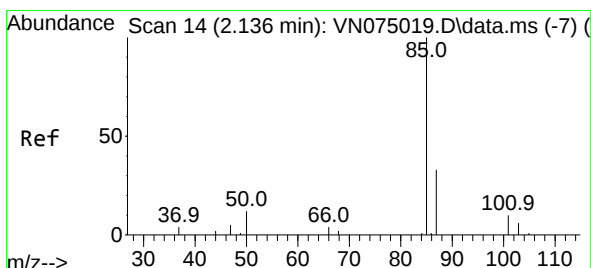
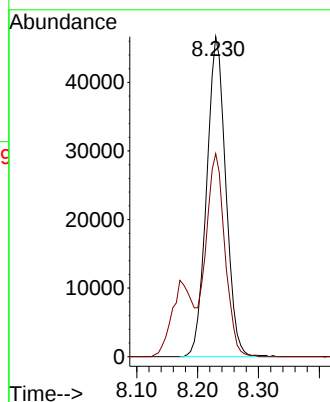
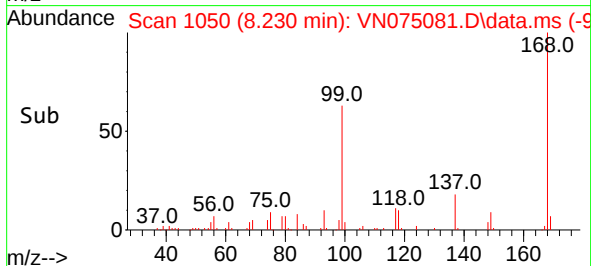
Instrument :
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ClientSampleId :
VN1031WBS01



Tgt Ion:168 Resp: 10175
Ion Ratio Lower Upper
168 100
99 63.4 51.6 77.4

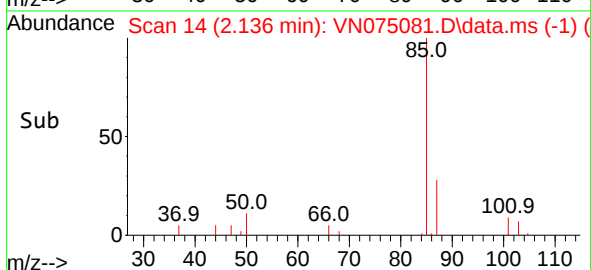
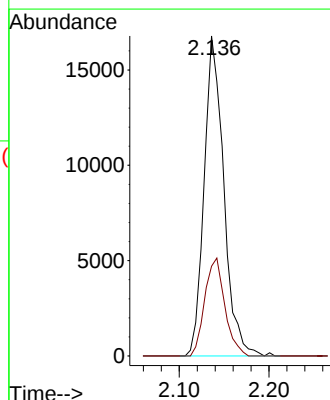
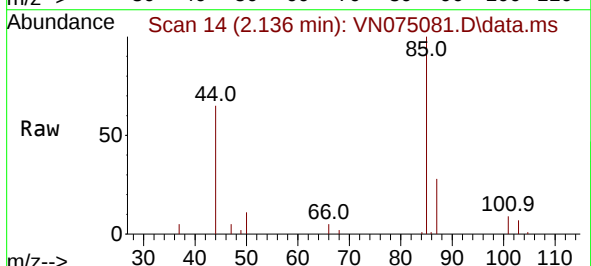
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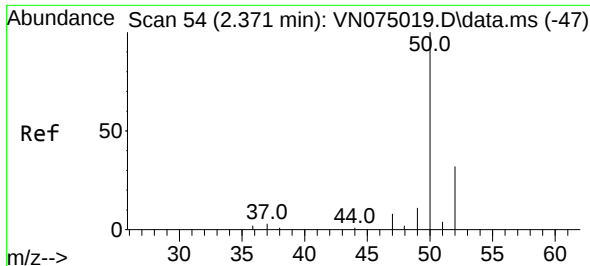
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#2
Dichlorodifluoromethane
Concen: 19.279 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Tgt Ion: 85 Resp: 25520
Ion Ratio Lower Upper
85 100
87 28.0 16.7 50.0





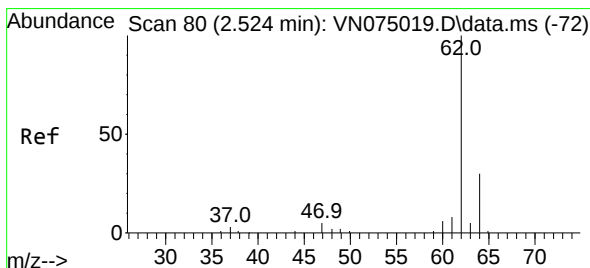
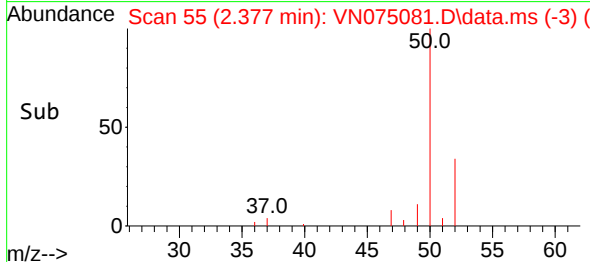
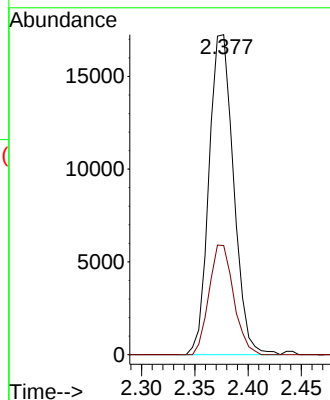
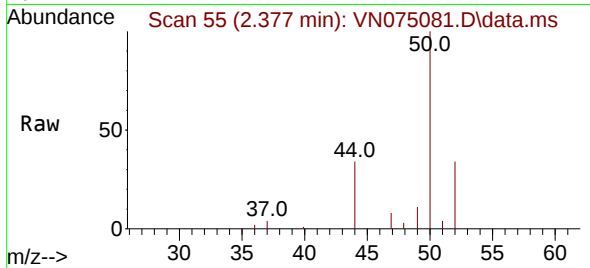
#3
Chloromethane
Concen: 19.707 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
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Tgt Ion: 50 Resp: 27709
Ion Ratio Lower Upper
50 100
52 34.1 25.8 38.6

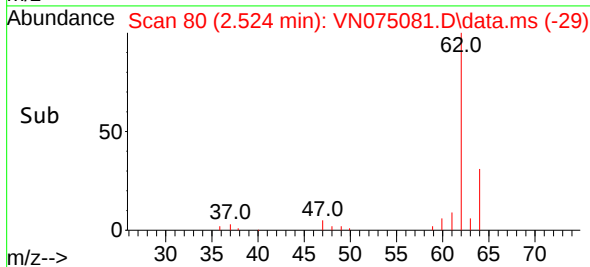
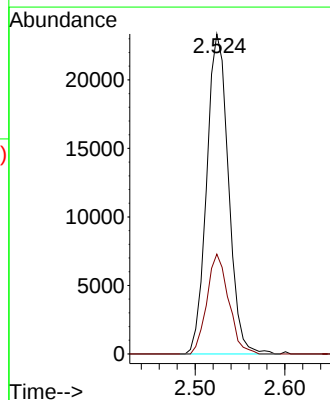
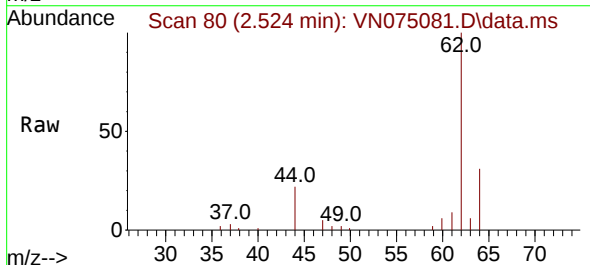
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#4
Vinyl Chloride
Concen: 19.615 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

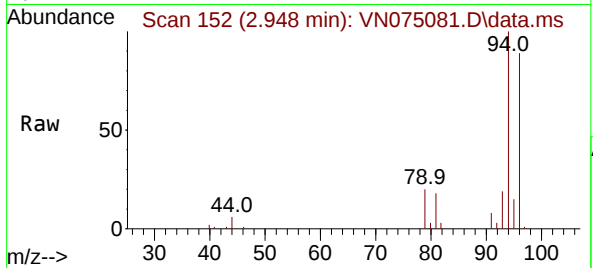
Tgt Ion: 62 Resp: 39345
Ion Ratio Lower Upper
62 100
64 31.2 24.0 36.0





#5
Bromomethane
Concen: 19.063 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

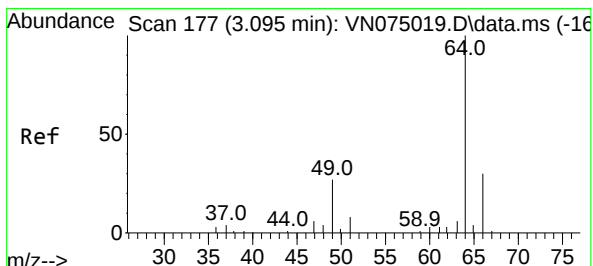
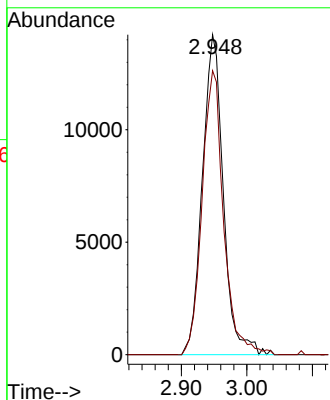
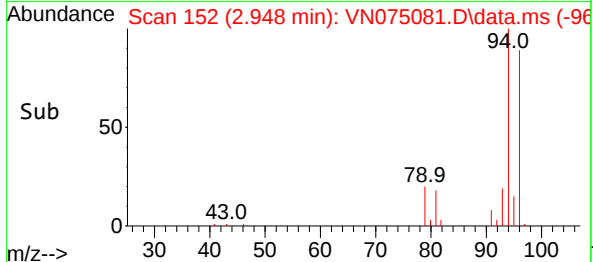
Instrument :
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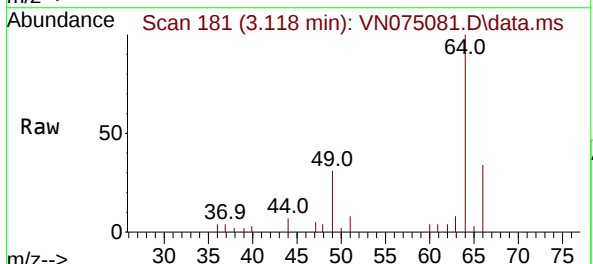
Tgt Ion: 94 Resp: 31689
Ion Ratio Lower Upper
94 100
96 88.7 71.8 107.6

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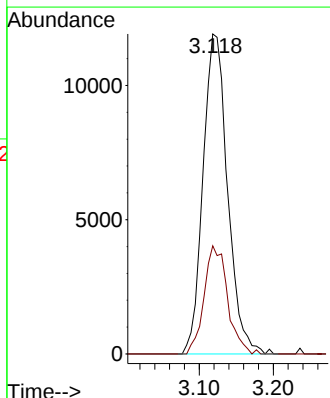
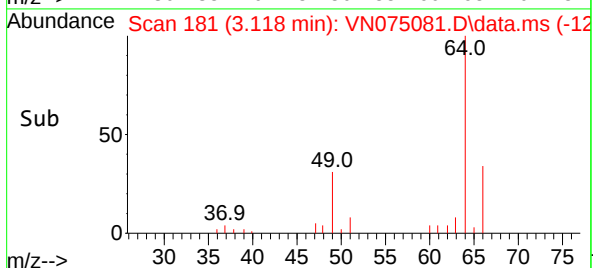
Reviewed By :John Carlone 11/01/2022
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#6
Chloroethane
Concen: 19.073 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.023 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



Tgt Ion: 64 Resp: 27433
Ion Ratio Lower Upper
64 100
66 33.8 23.8 35.8





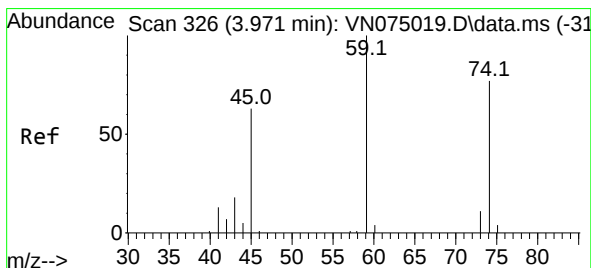
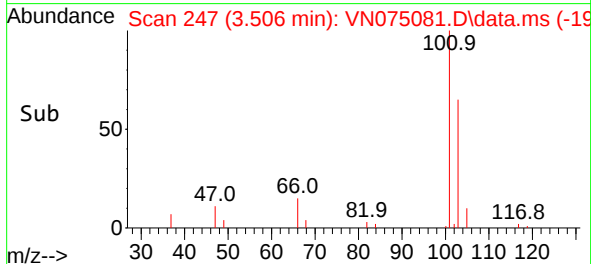
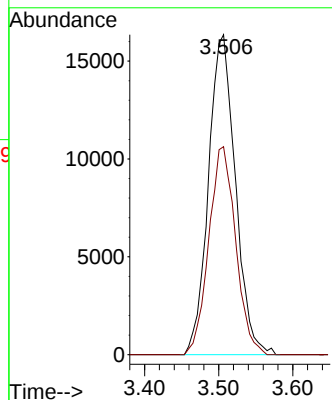
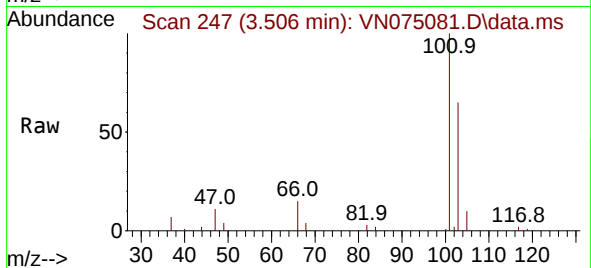
#7
Trichlorofluoromethane
Concen: 20.162 ug/l
RT: 3.506 min Scan# 244
Delta R.T. 0.017 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
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ClientSampleId :
VN1031WBS01

Tgt Ion:101 Resp: 4131
Ion Ratio Lower Upper
101 100
103 65.0 50.5 75.7

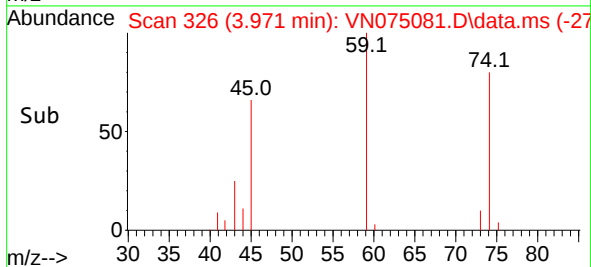
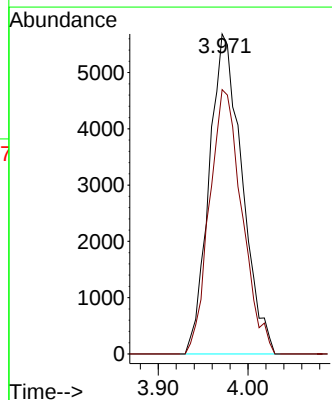
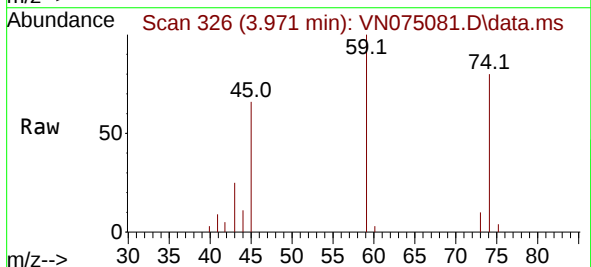
Manual Integrations
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Supervised By :Mahesh Dadoda 11/01/2022



#8
Diethyl Ether
Concen: 19.368 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Tgt Ion: 74 Resp: 14475
Ion Ratio Lower Upper
74 100
45 81.4 39.3 117.9





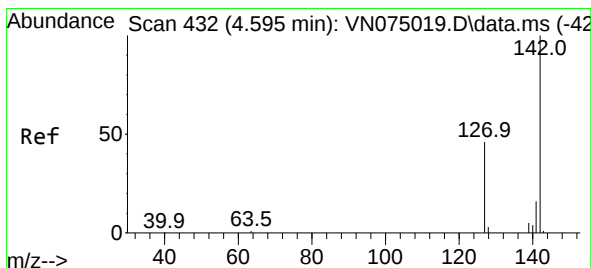
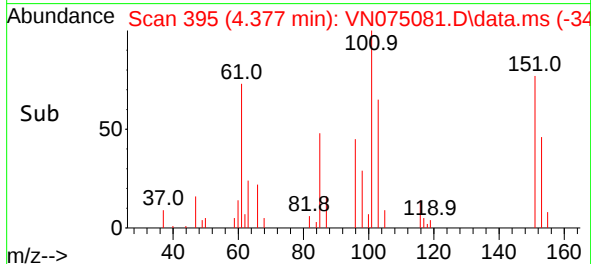
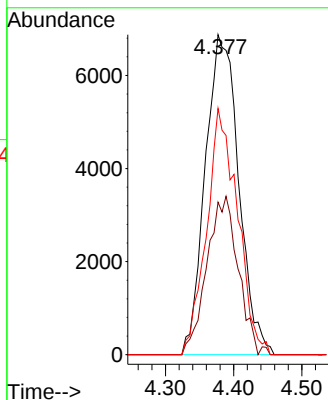
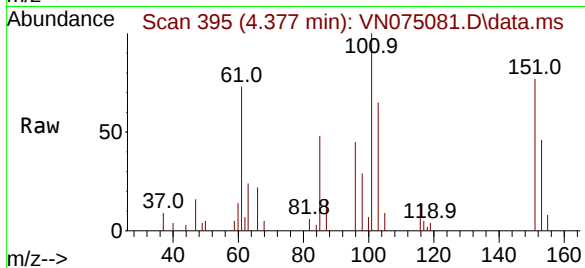
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.705 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075081.D
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Tgt Ion:101 Resp: 23430
Ion Ratio Lower Upper
101 100
85 46.5 37.6 56.4
151 71.2 58.3 87.5

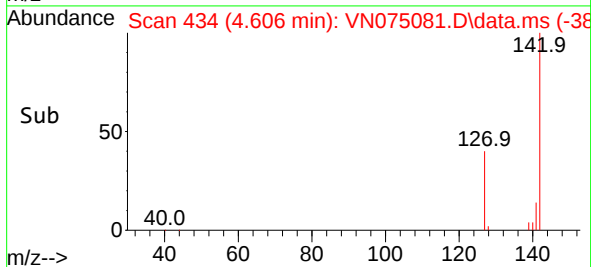
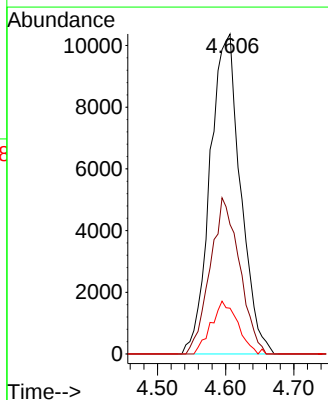
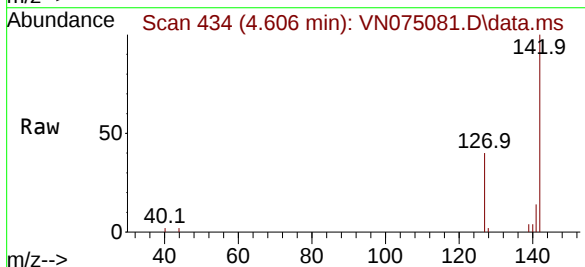
Manual Integrations
APPROVED

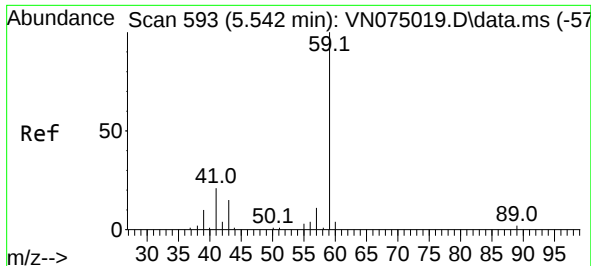
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#10
Methyl Iodide
Concen: 19.116 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.011 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

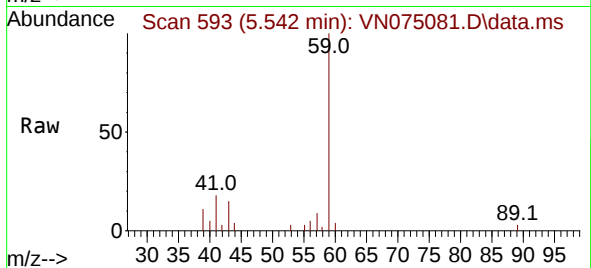
Tgt Ion:142 Resp: 32204
Ion Ratio Lower Upper
142 100
127 47.3 38.0 57.0
141 14.5 12.2 18.4





#11
Tert butyl alcohol
Concen: 91.404 ug/l
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

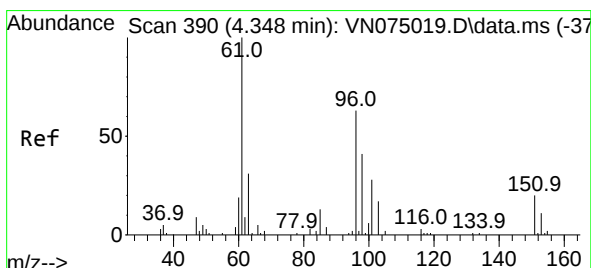
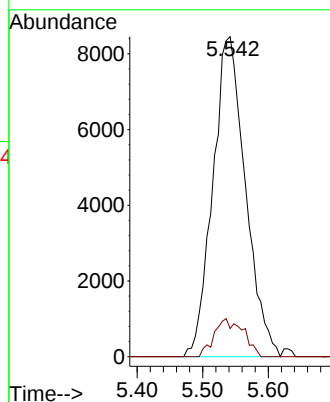
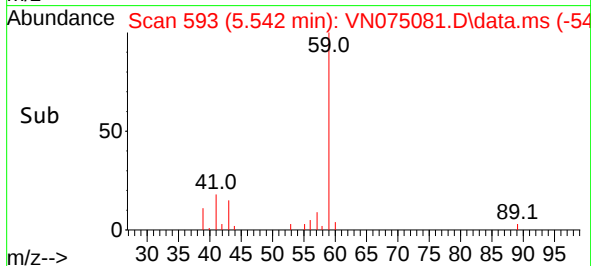
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



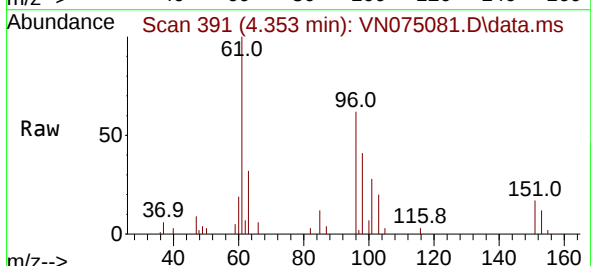
Tgt Ion: 59 Resp: 29225
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

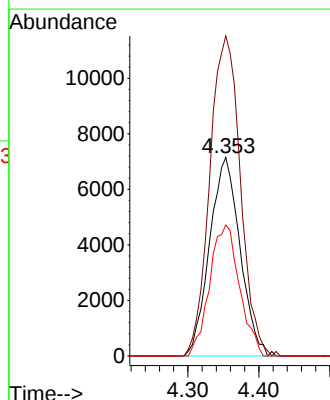
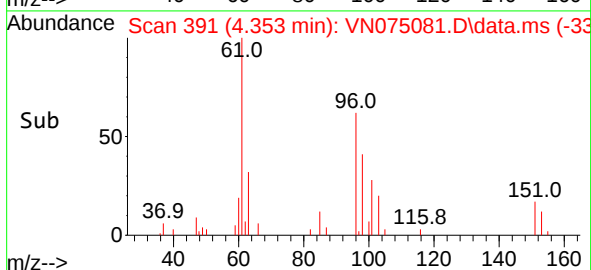
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

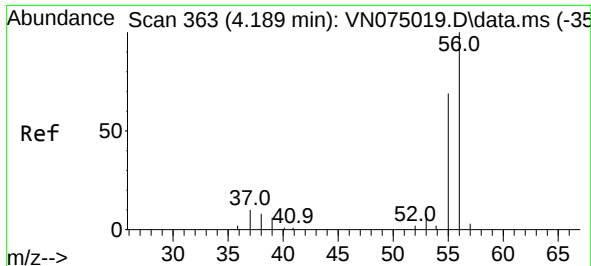


#12
1,1-Dichloroethene
Concen: 19.688 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.005 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



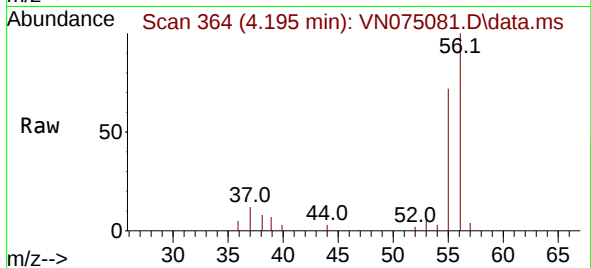
Tgt Ion: 96 Resp: 21236
Ion Ratio Lower Upper
96 100
61 161.2 126.2 189.4
98 66.0 51.5 77.3





#13
Acrolein
Concen: 102.583 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

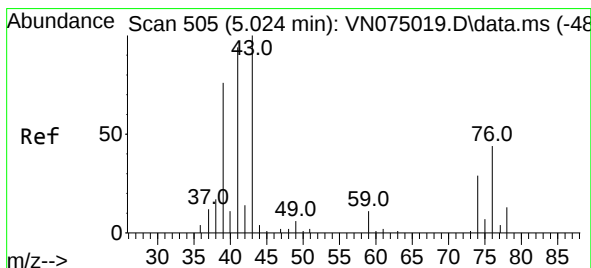
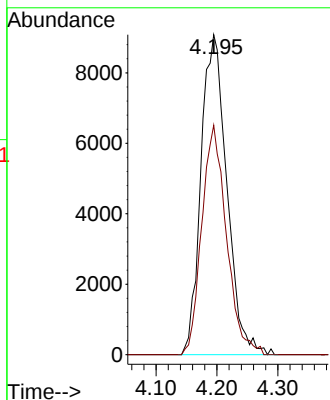
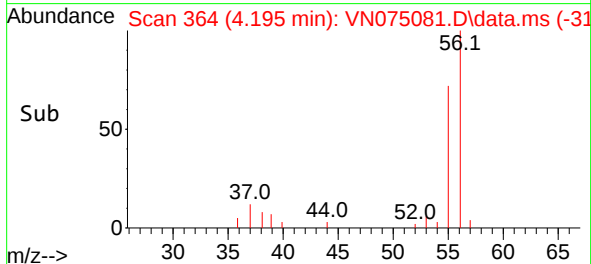
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



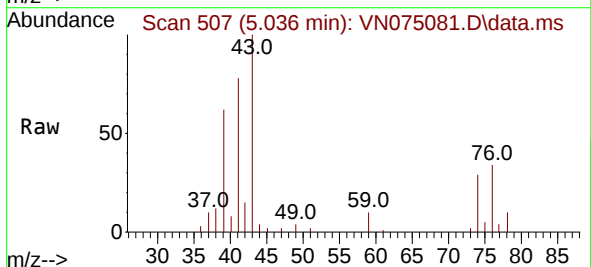
Tgt Ion: 56 Resp: 26828
Ion Ratio Lower Upper
56 100
55 68.4 55.2 82.8

Manual Integrations
APPROVED

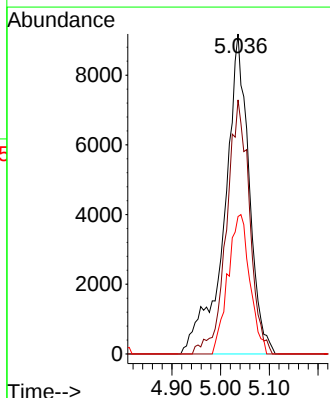
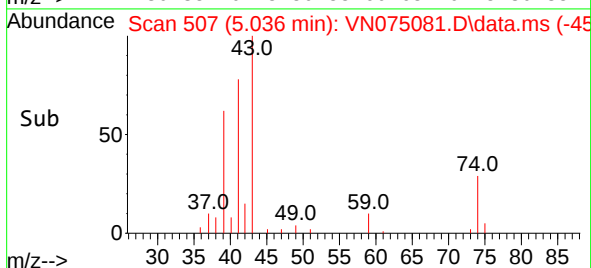
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

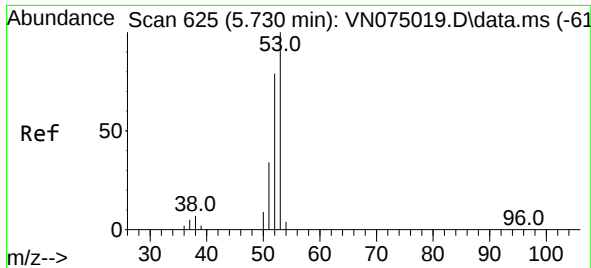


#14
Allyl chloride
Concen: 20.462 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.012 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



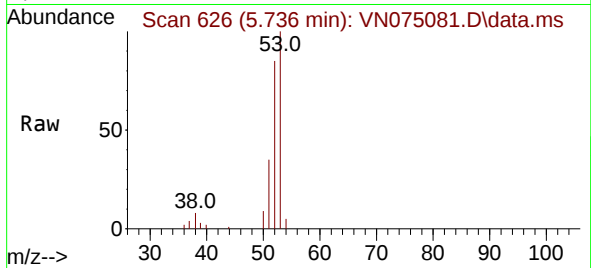
Tgt Ion: 41 Resp: 32235
Ion Ratio Lower Upper
41 100
39 73.8 61.0 91.4
76 38.7 33.4 50.0





#15
Acrylonitrile
Concen: 100.909 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

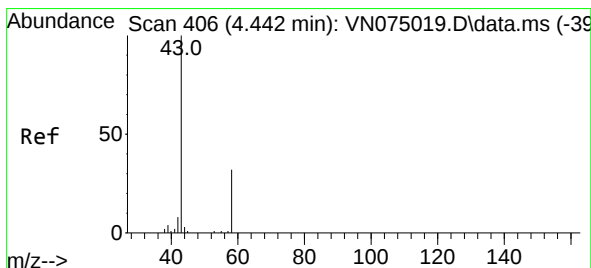
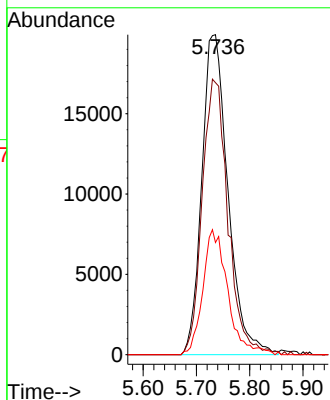
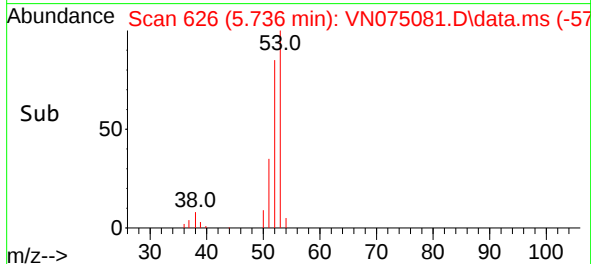
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 53 Resp: 68150
Ion Ratio Lower Upper
53 100
52 84.4 66.4 99.6
51 37.1 29.6 44.4

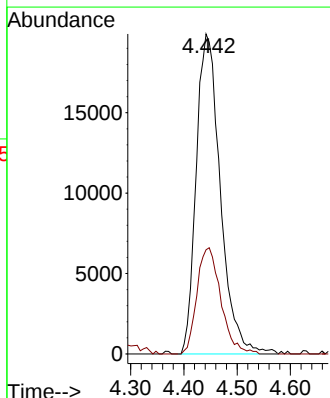
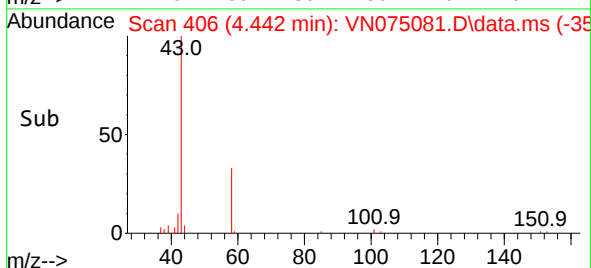
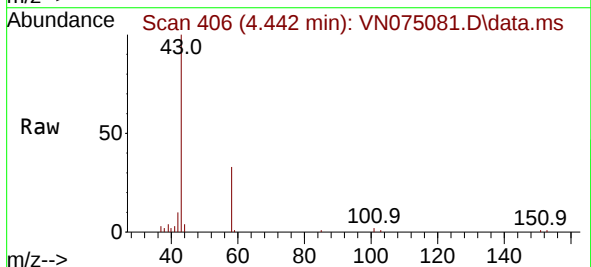
Manual Integrations
APPROVED

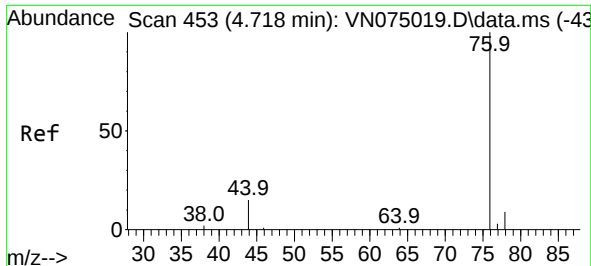
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#16
Acetone
Concen: 107.679 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

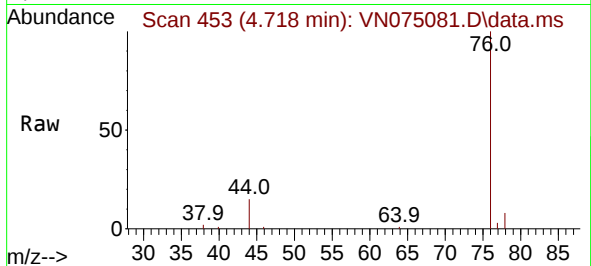
Tgt Ion: 43 Resp: 62512
Ion Ratio Lower Upper
43 100
58 32.6 25.5 38.3





#17
Carbon Disulfide
Concen: 18.778 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

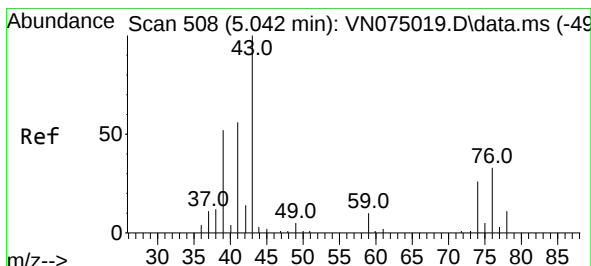
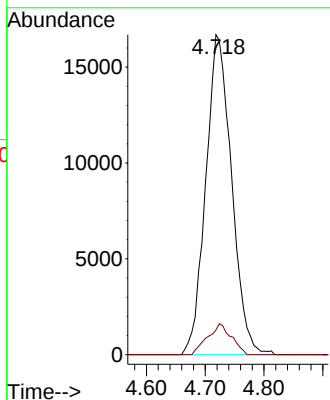
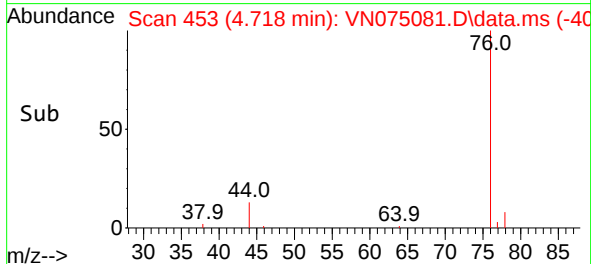
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



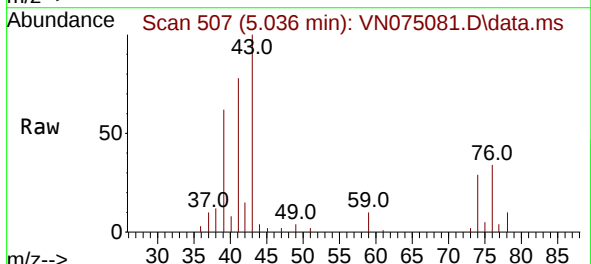
Tgt Ion: 76 Resp: 50935
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.2

Manual Integrations
APPROVED

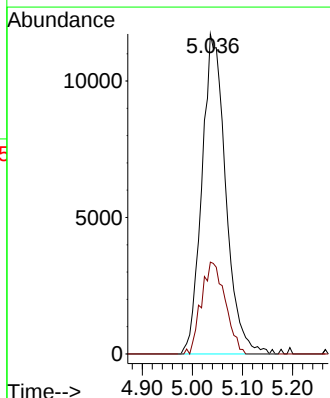
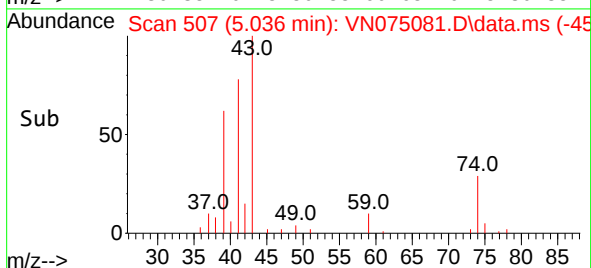
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

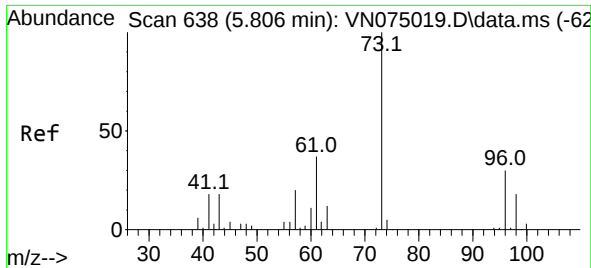


#18
Methyl Acetate
Concen: 20.410 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



Tgt Ion: 43 Resp: 38703
Ion Ratio Lower Upper
43 100
74 28.8 22.0 33.0





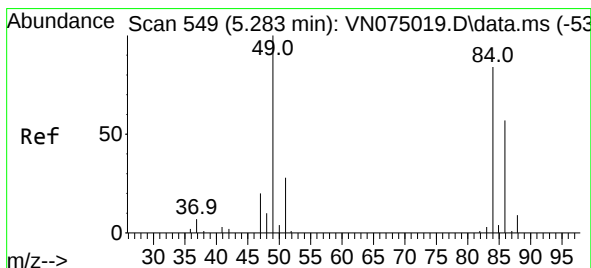
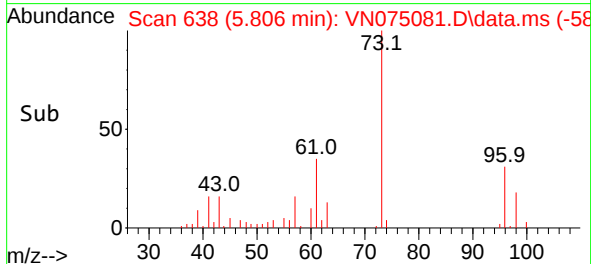
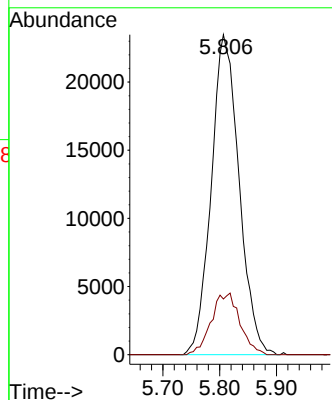
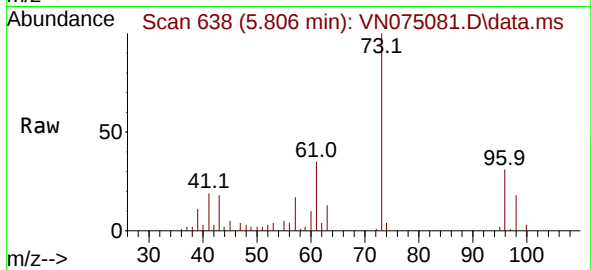
#19
Methyl tert-butyl Ether
Concen: 19.929 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion: 73 Resp: 7989
Ion Ratio Lower Upper
73 100
57 17.4 16.3 24.5

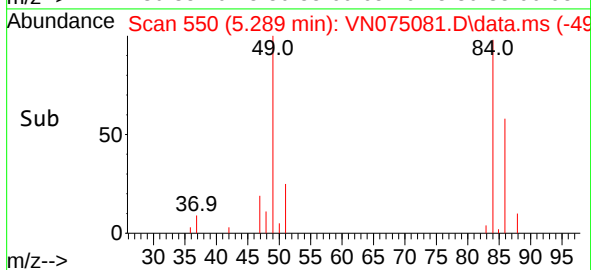
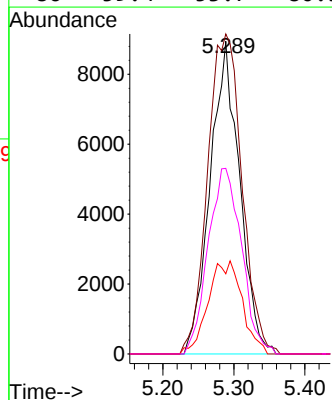
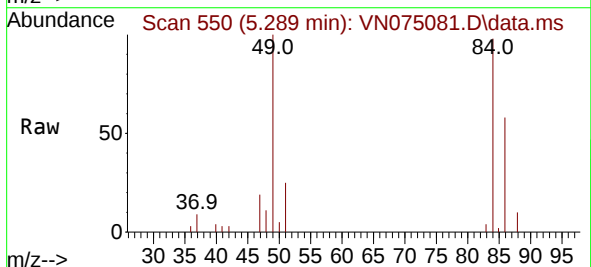
Manual Integrations
APPROVED

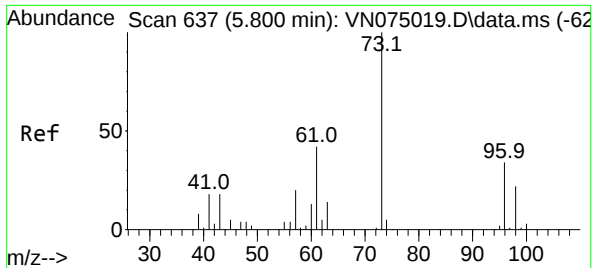
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#20
Methylene Chloride
Concen: 19.875 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Tgt Ion: 84 Resp: 25726
Ion Ratio Lower Upper
84 100
49 102.4 94.9 142.3
51 25.6 26.8 40.2#
86 59.4 53.7 80.5





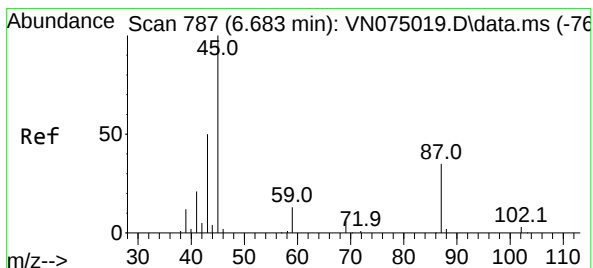
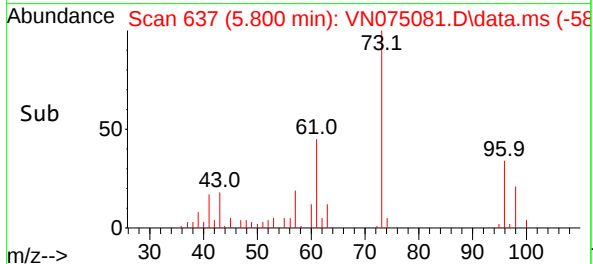
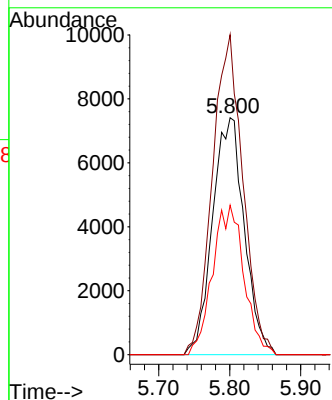
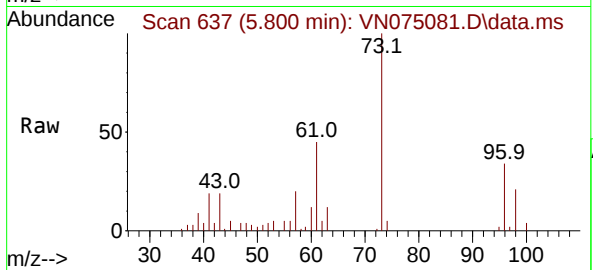
#21
trans-1,2-Dichloroethene
Concen: 19.421 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion: 96 Resp: 22930
Ion Ratio Lower Upper
96 100
61 135.0 99.9 149.9
98 63.0 51.5 77.3

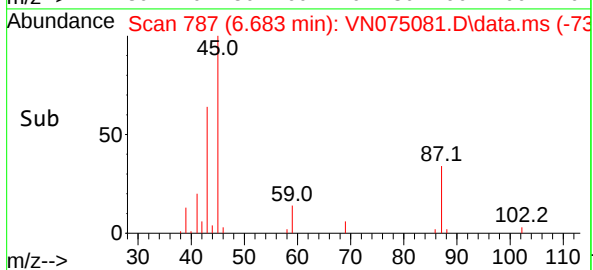
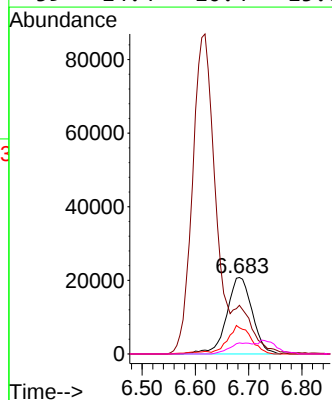
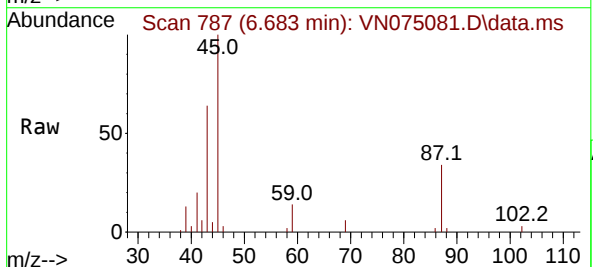
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#22
Diisopropyl ether
Concen: 19.838 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Tgt Ion: 45 Resp: 68970
Ion Ratio Lower Upper
45 100
43 60.8 42.8 64.2
87 34.4 28.4 42.6
59 14.4 10.4 15.6





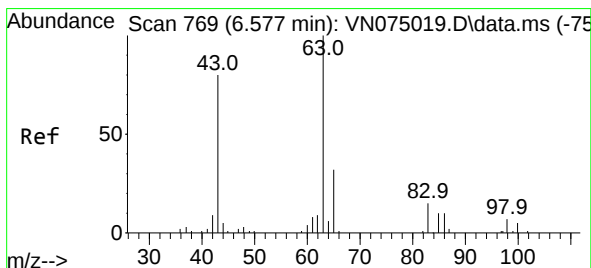
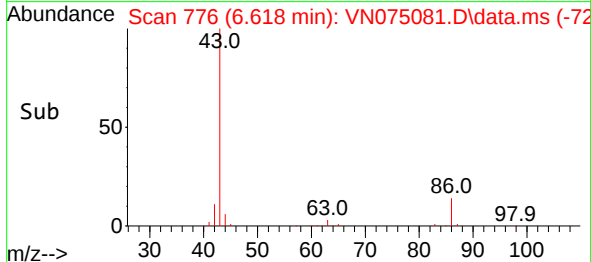
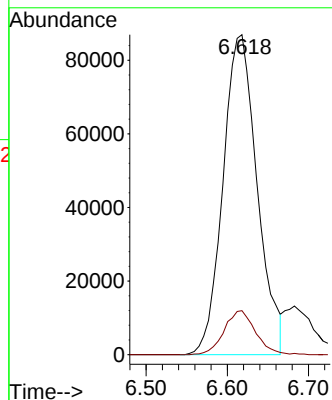
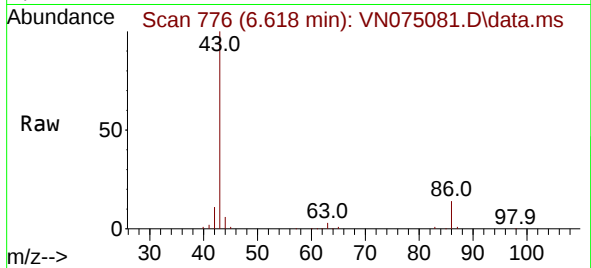
#23
 Vinyl Acetate
 Concen: 87.674 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075081.D
 Acq: 31 Oct 2022 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01

Tgt Ion: 43 Resp: 254528
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.7 16.1

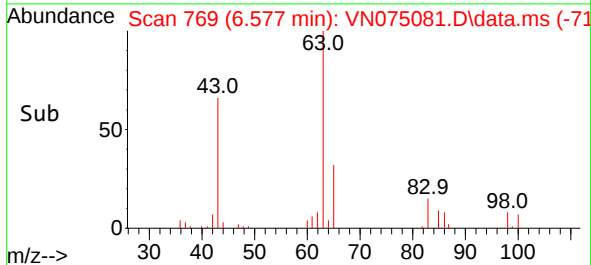
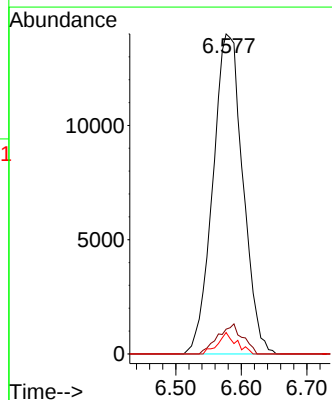
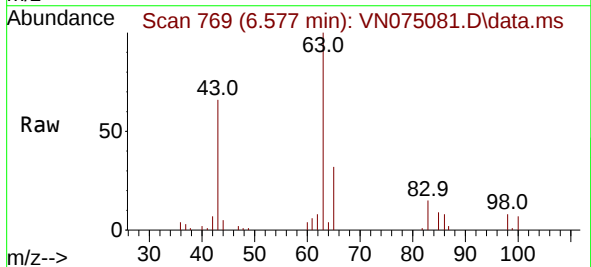
Manual Integrations
 APPROVED

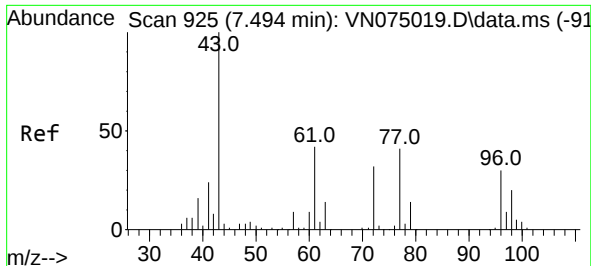
Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022



#24
 1,1-Dichloroethane
 Concen: 20.244 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075081.D
 Acq: 31 Oct 2022 12:48

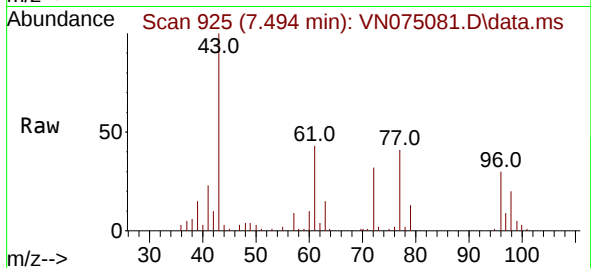
Tgt Ion: 63 Resp: 44512
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 6.7 2.4 7.2





#25
2-Butanone
Concen: 100.433 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

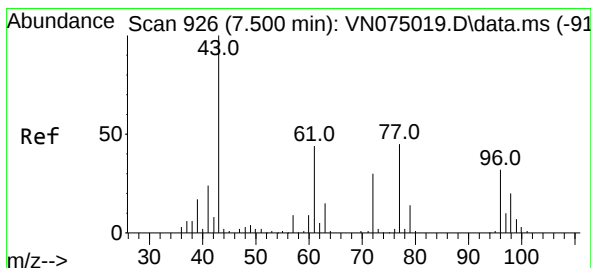
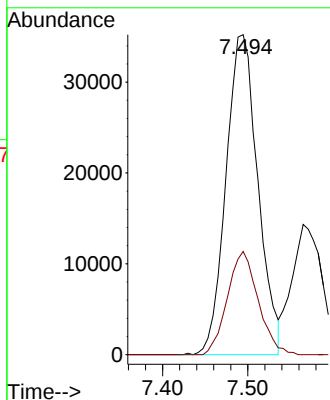
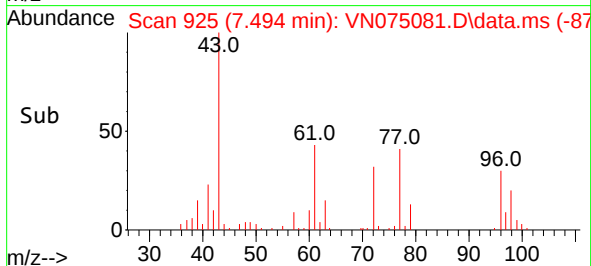
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



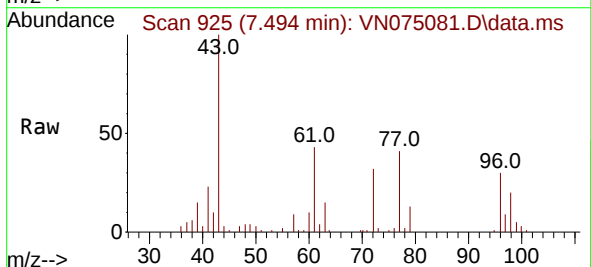
Tgt Ion: 43 Resp: 91708
Ion Ratio Lower Upper
43 100
72 32.2 25.5 38.3

Manual Integrations
APPROVED

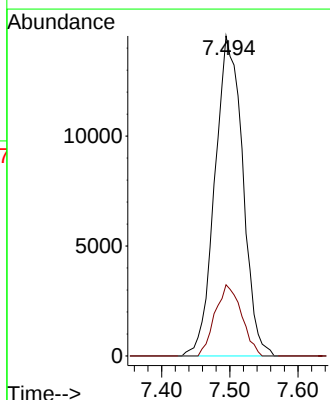
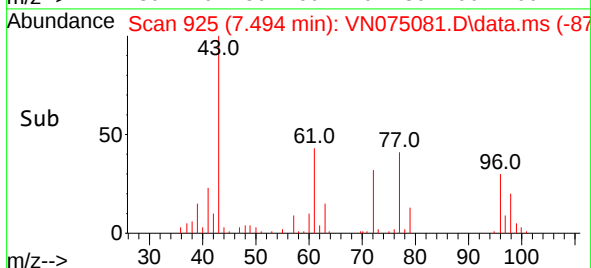
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

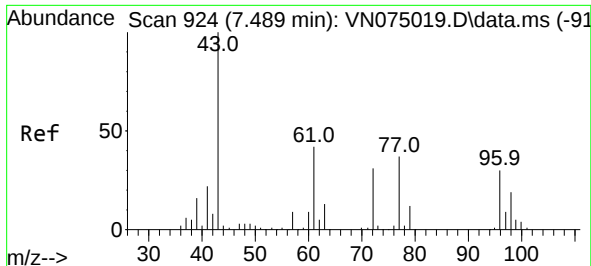


#26
2,2-Dichloropropane
Concen: 20.430 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



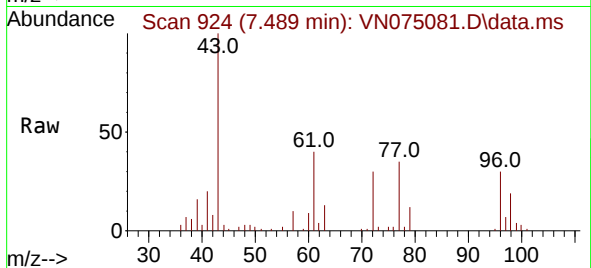
Tgt Ion: 77 Resp: 41326
Ion Ratio Lower Upper
77 100
97 21.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.595 ug/l
 RT: 7.489 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075081.D
 Acq: 31 Oct 2022 12:48

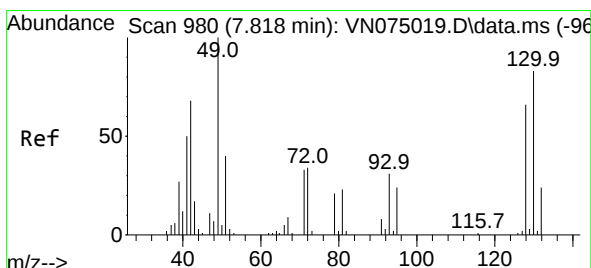
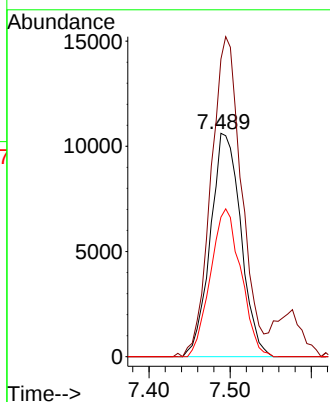
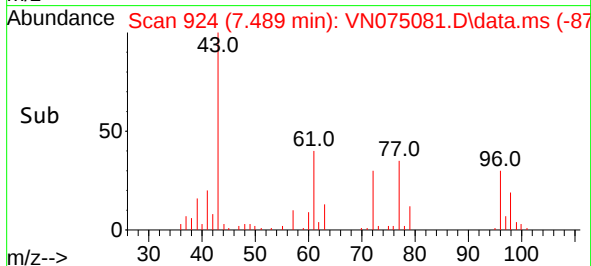
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01



Tgt Ion: 96 Resp: 2763
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 278.8
 98 66.5 0.0 128.4

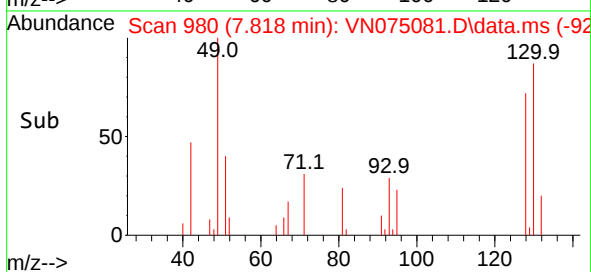
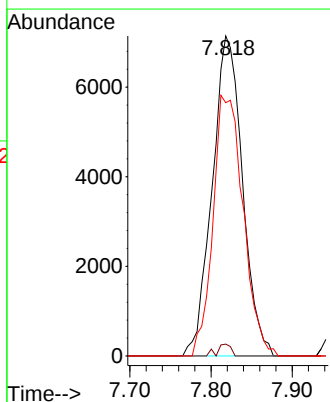
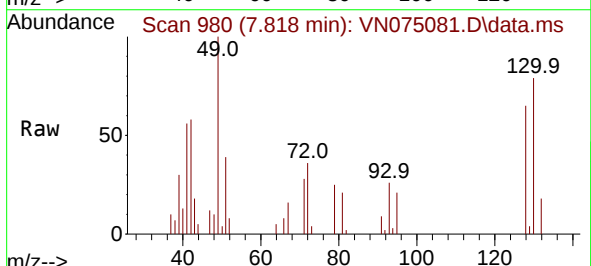
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022



#28
 Bromochloromethane
 Concen: 19.970 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075081.D
 Acq: 31 Oct 2022 12:48

Tgt Ion: 49 Resp: 18510
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 81.1 66.2 99.4





#29

Tetrahydrofuran

Concen: 100.443 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

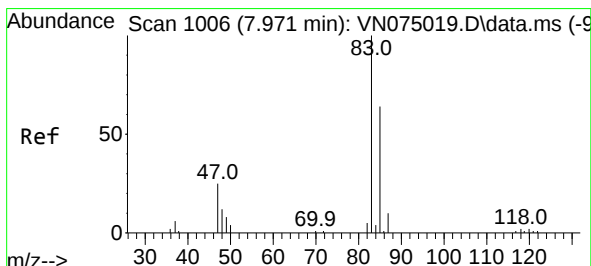
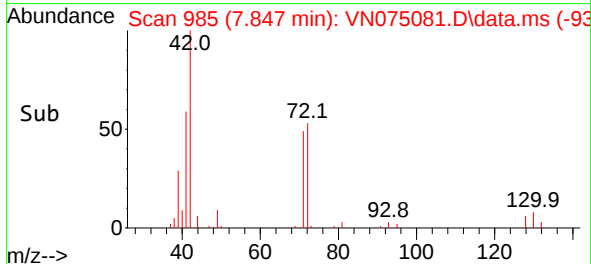
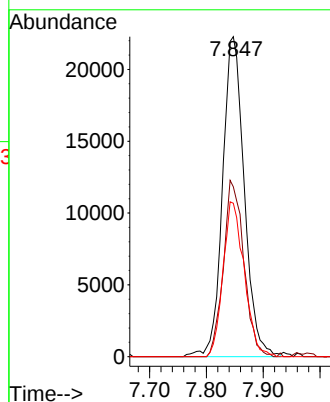
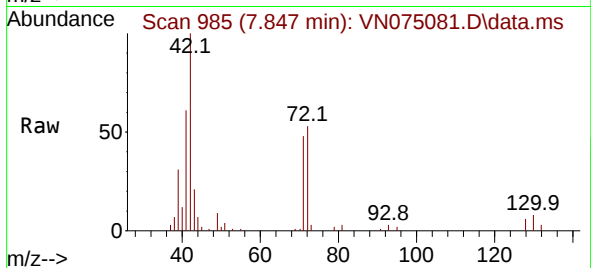
Tgt Ion:	42	Resp:	5926
Ion Ratio	Lower	Upper	
42	100		
72	51.7	43.0	64.6
71	47.2	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#30

Chloroform

Concen: 20.378 ug/l

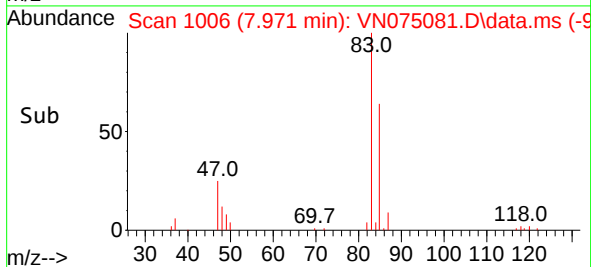
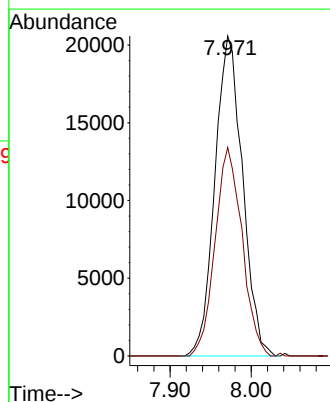
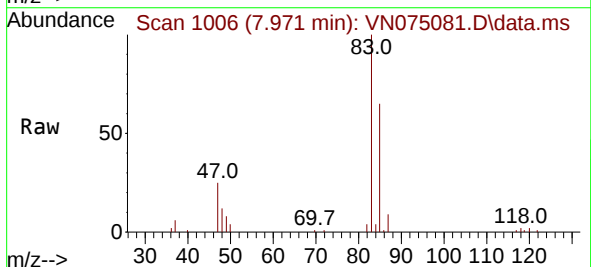
RT: 7.971 min Scan# 1006

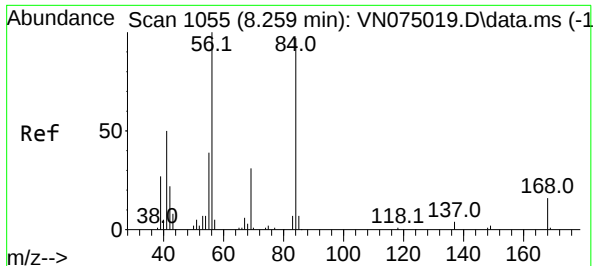
Delta R.T. -0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

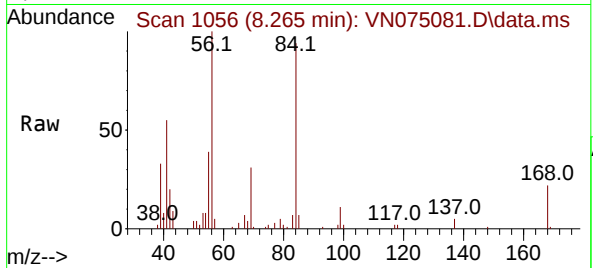
Tgt Ion:	83	Resp:	48649
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.4	77.0





#31
Cyclohexane
Concen: 19.468 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

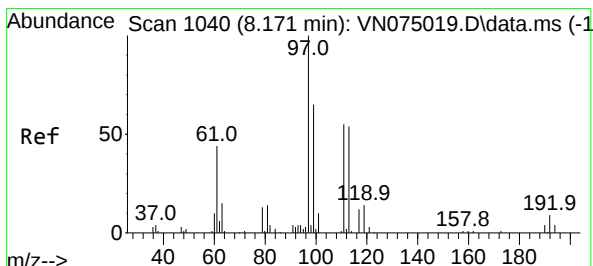
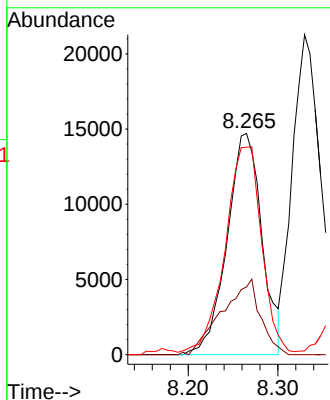
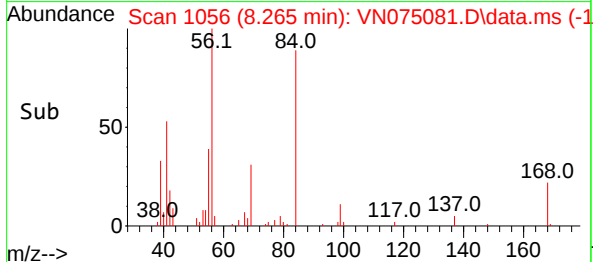
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



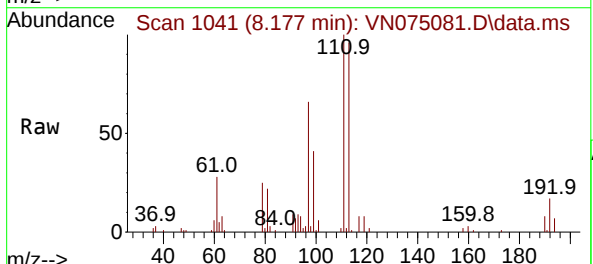
Tgt Ion: 56 Resp: 39698
Ion Ratio Lower Upper
56 100
69 30.6 25.2 37.8
84 92.7 77.8 116.8

Manual Integrations
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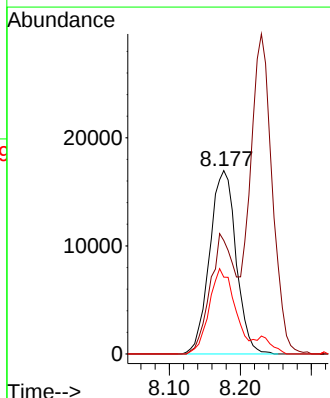
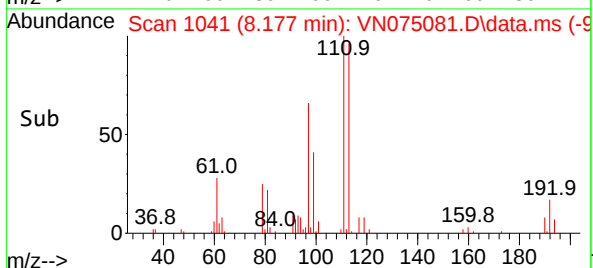
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

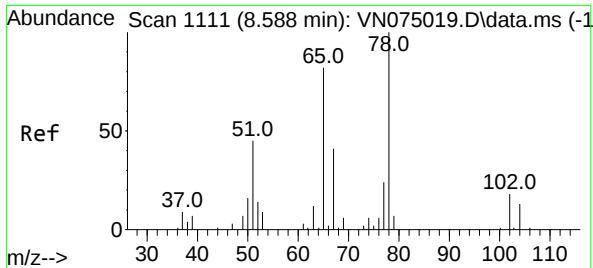


#32
1,1,1-Trichloroethane
Concen: 20.195 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



Tgt Ion: 97 Resp: 43781
Ion Ratio Lower Upper
97 100
99 57.8 50.2 75.2
61 47.3 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 54.439 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 65 Resp: 74639

Ion Ratio Lower Upper

65 100

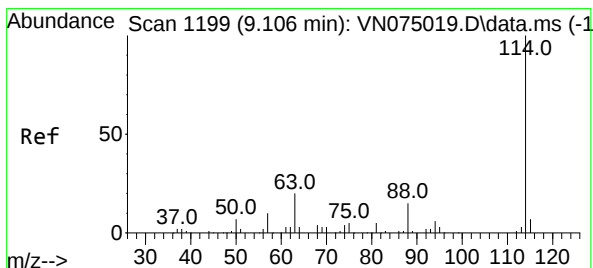
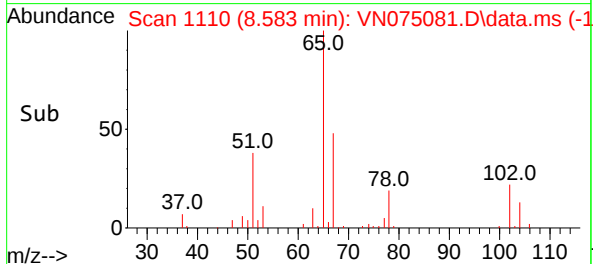
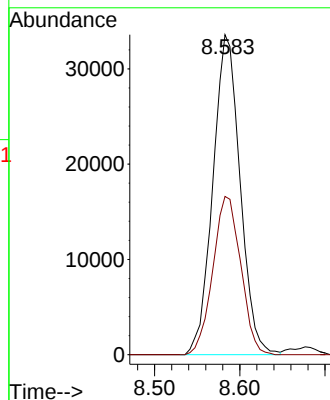
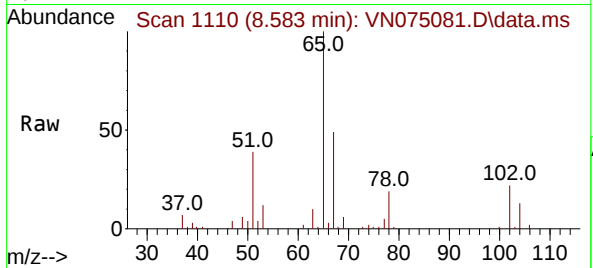
67 50.6 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

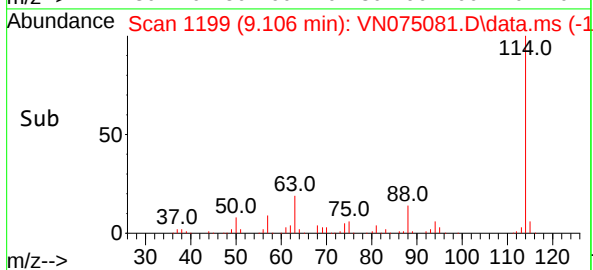
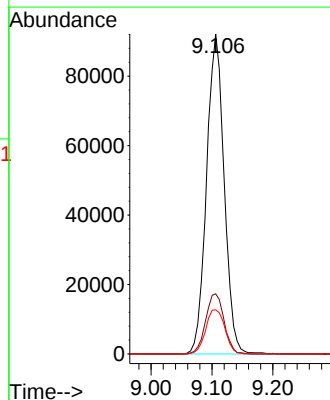
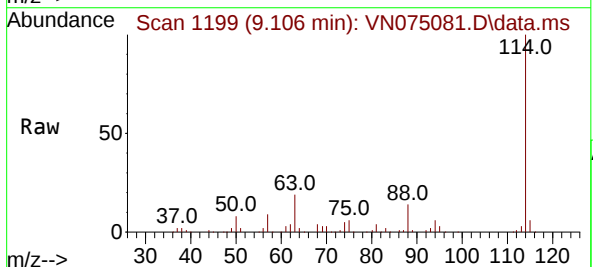
Tgt Ion:114 Resp: 184890

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 13.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.003 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion:113 Resp: 59700

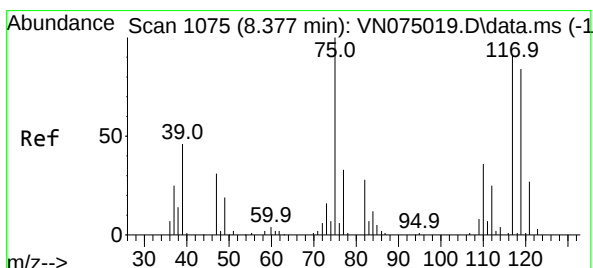
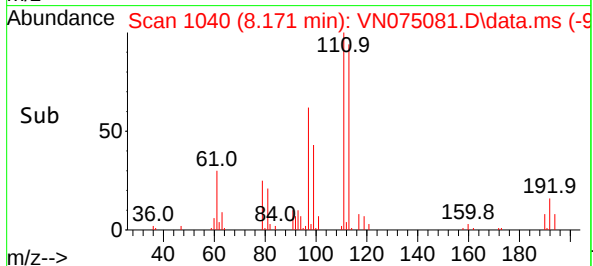
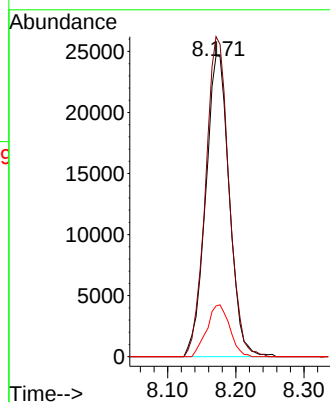
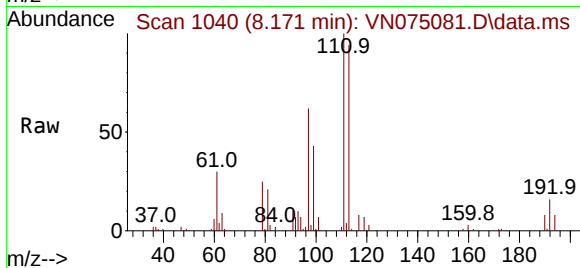
Ion	Ratio	Lower	Upper
113	100		
111	104.5	80.5	120.7
192	16.5	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#36

1,1-Dichloropropene

Concen: 20.547 ug/l

RT: 8.377 min Scan# 1075

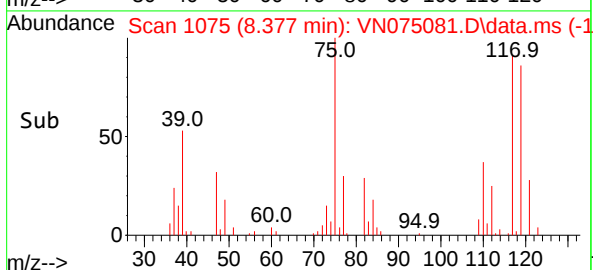
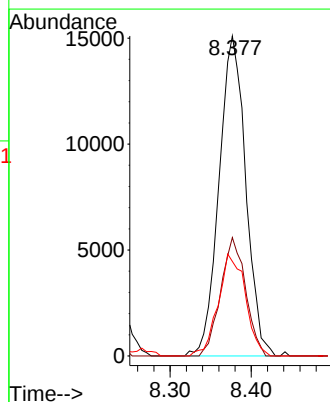
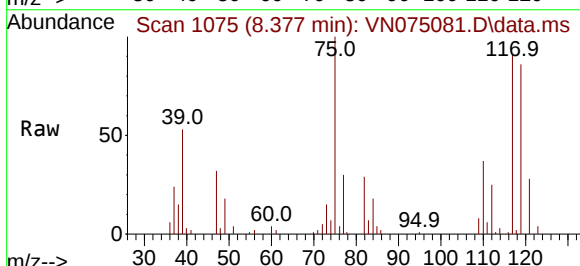
Delta R.T. -0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Tgt Ion: 75 Resp: 34527

Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.8	53.3
77	32.5	24.6	37.0





#37

Ethyl Acetate

Concen: 20.301 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 43 Resp: 3741

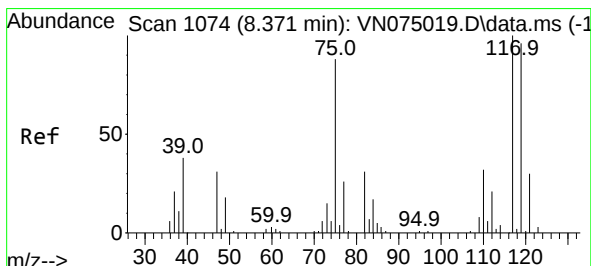
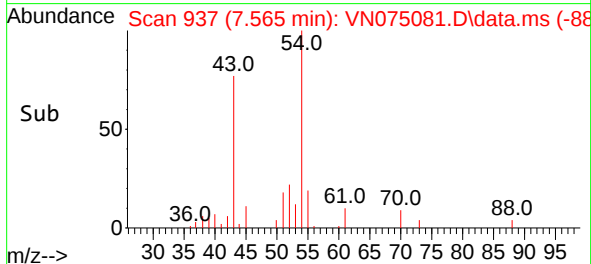
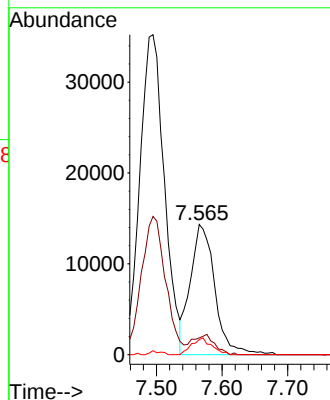
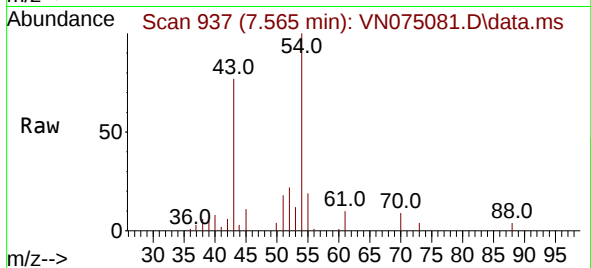
Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.2	18.4
70	10.5	9.4	14.2

Manual Integrations

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Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#38

Carbon Tetrachloride

Concen: 20.788 ug/l

RT: 8.365 min Scan# 1073

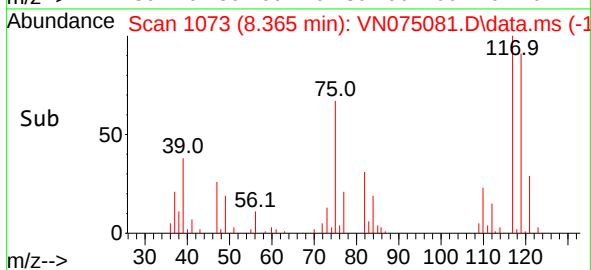
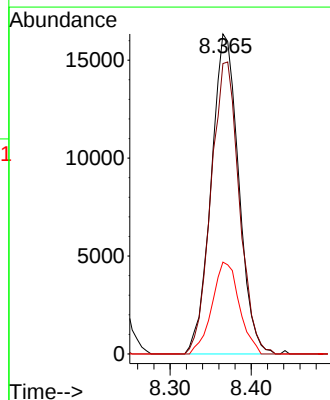
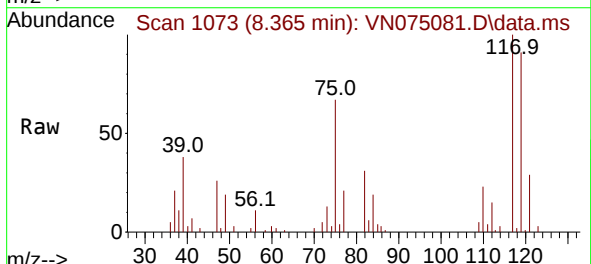
Delta R.T. -0.006 min

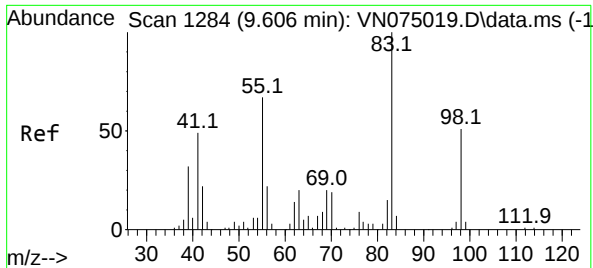
Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Tgt Ion: 117 Resp: 38425

Ion	Ratio	Lower	Upper
117	100		
119	90.7	76.7	115.1
121	28.7	23.9	35.9





#39

Methylcyclohexane

Concen: 19.762 ug/l

RT: 9.606 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 83 Resp: 43840

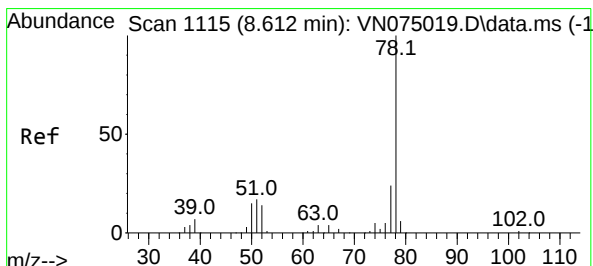
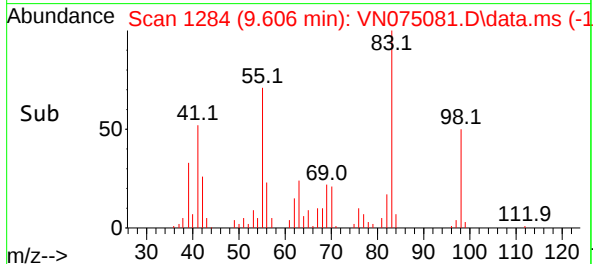
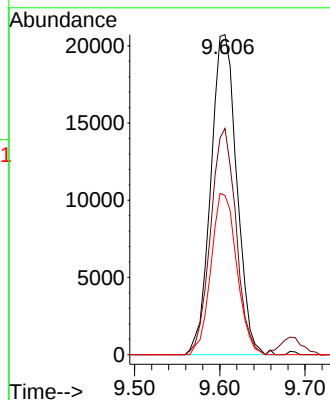
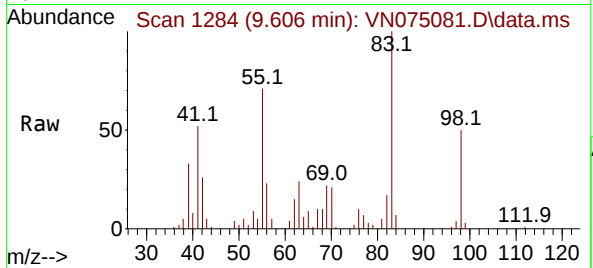
Ion	Ratio	Lower	Upper
83	100		
55	70.7	53.6	80.4
98	49.7	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#40

Benzene

Concen: 20.384 ug/l

RT: 8.612 min Scan# 1115

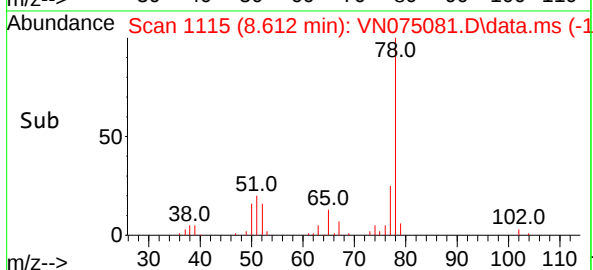
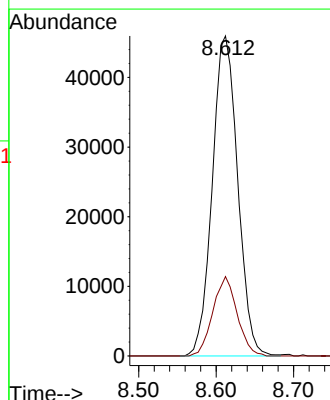
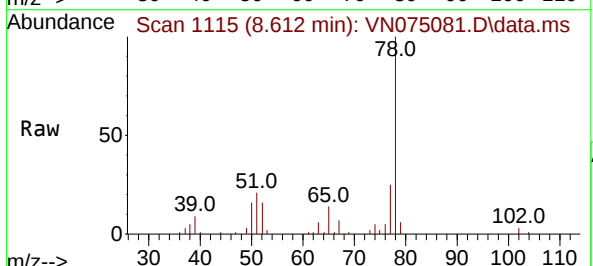
Delta R.T. 0.000 min

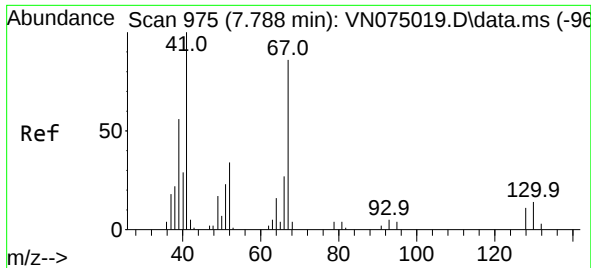
Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Tgt Ion: 78 Resp: 104878

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.0





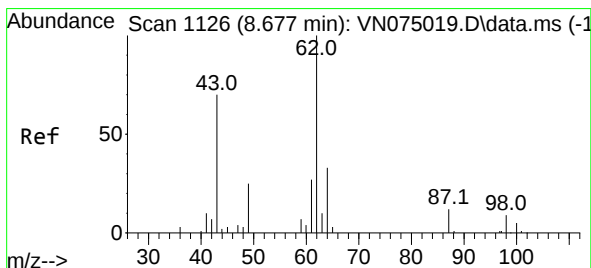
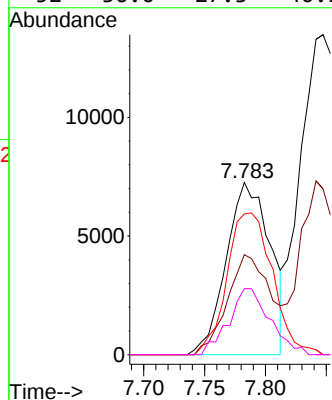
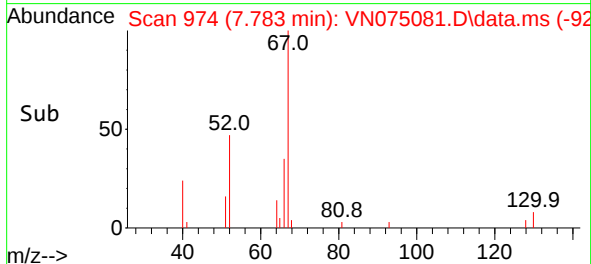
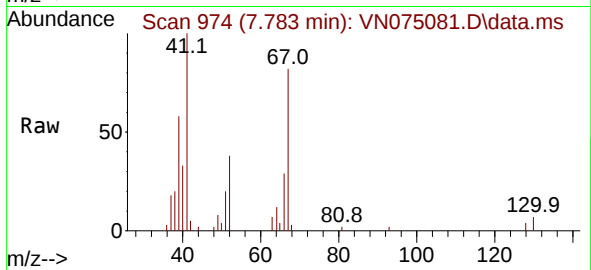
#41
Methacrylonitrile
Concen: 20.600 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion: 41 Resp: 1818
Ion Ratio Lower Upper
41 100
39 56.3 44.4 66.6
67 85.4 69.8 104.6
52 36.0 27.3 40.9

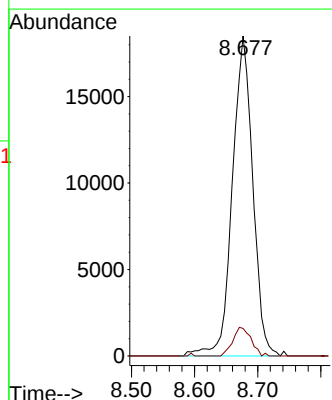
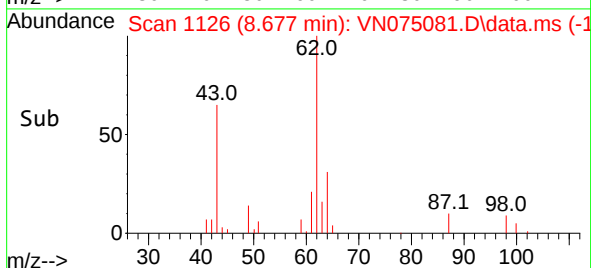
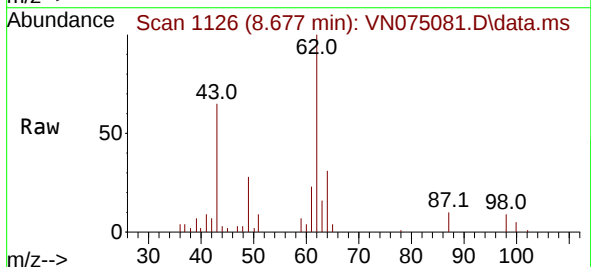
Manual Integrations
APPROVED

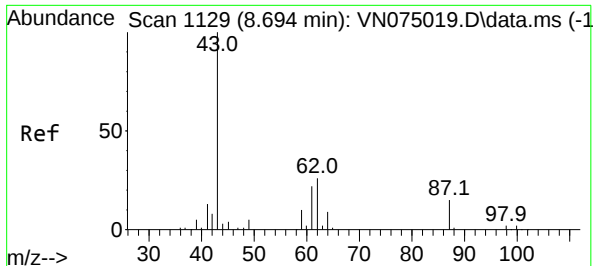
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#42
1,2-Dichloroethane
Concen: 22.247 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Tgt Ion: 62 Resp: 41644
Ion Ratio Lower Upper
62 100
98 8.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 20.619 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

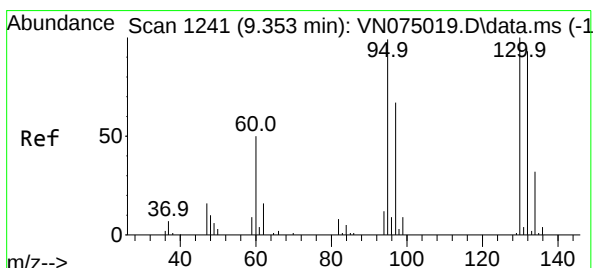
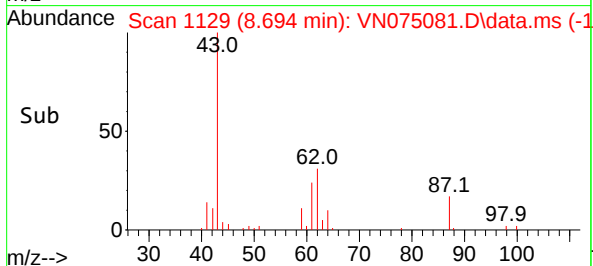
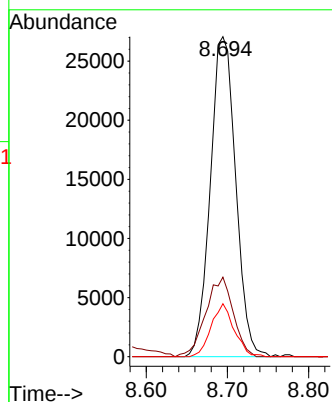
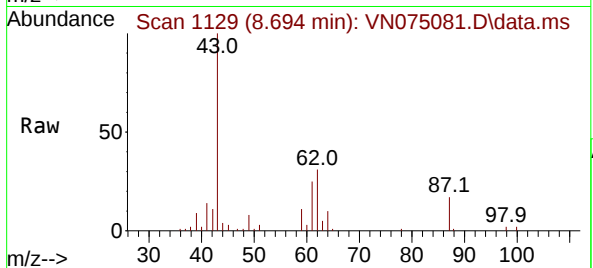
Tgt Ion: 43	Resp: 58938
Ion Ratio	Lower Upper
43 100	
61 26.9	22.4 33.6
87 15.0	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#44

Trichloroethene

Concen: 20.669 ug/l

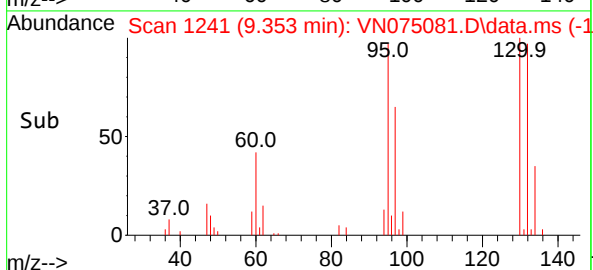
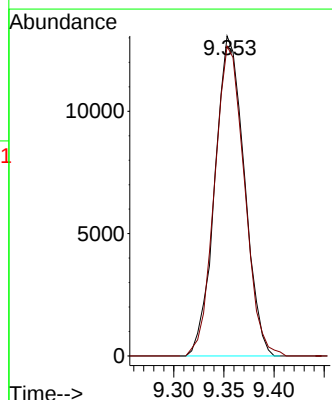
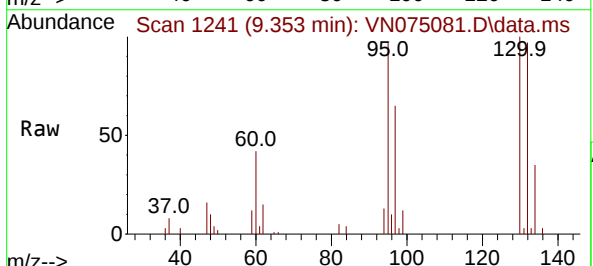
RT: 9.353 min Scan# 1241

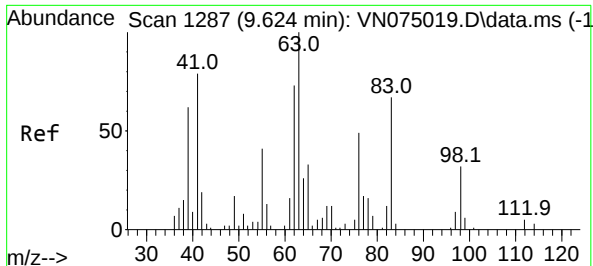
Delta R.T. 0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Tgt Ion:130	Resp: 26680
Ion Ratio	Lower Upper
130 100	
95 96.8	0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.494 ug/l

RT: 9.630 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 63 Resp: 26318

Ion Ratio Lower Upper

63 100

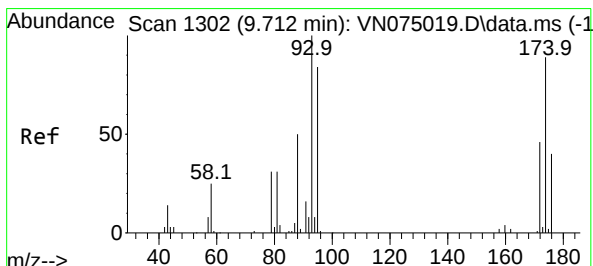
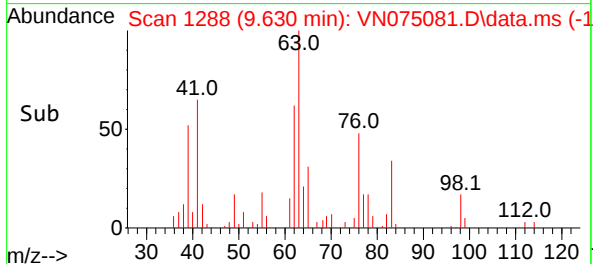
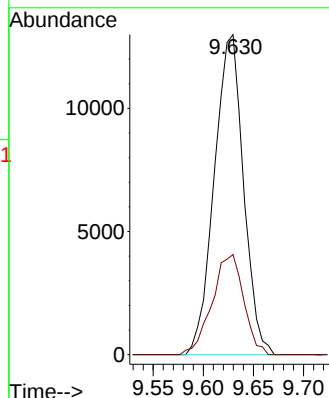
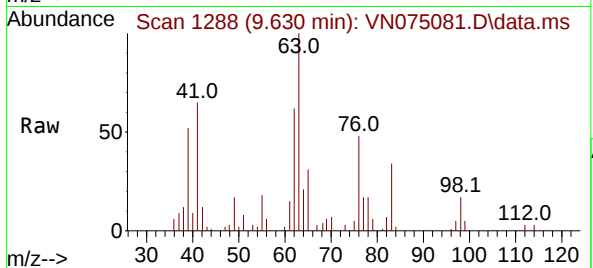
65 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#46

Dibromomethane

Concen: 20.027 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

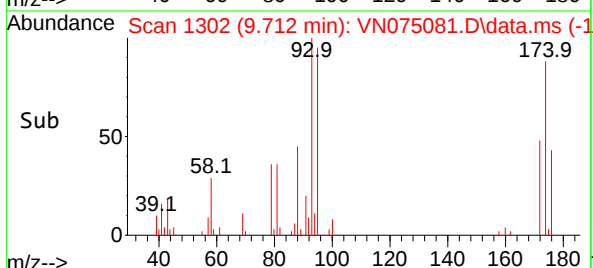
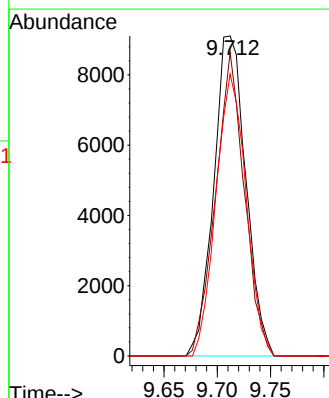
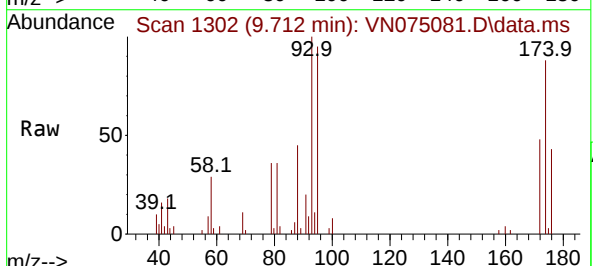
Tgt Ion: 93 Resp: 19105

Ion Ratio Lower Upper

93 100

95 84.9 66.6 99.8

174 82.6 70.3 105.5





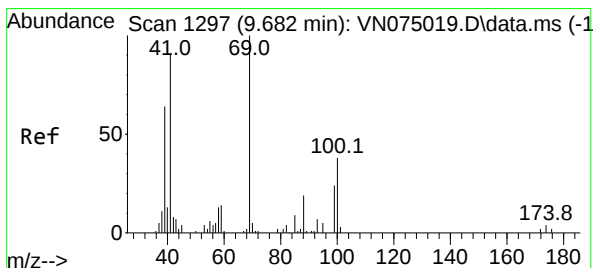
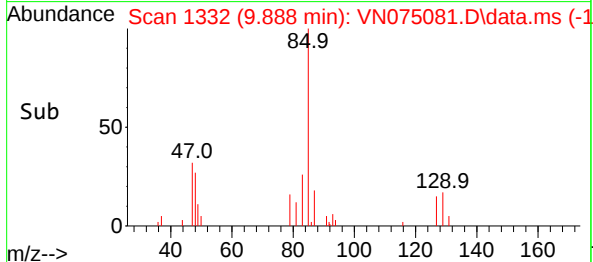
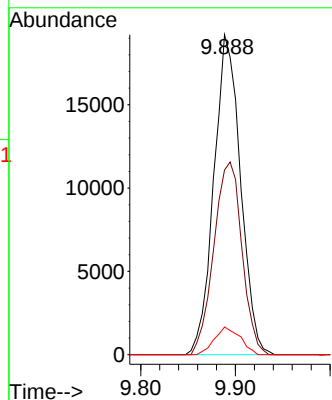
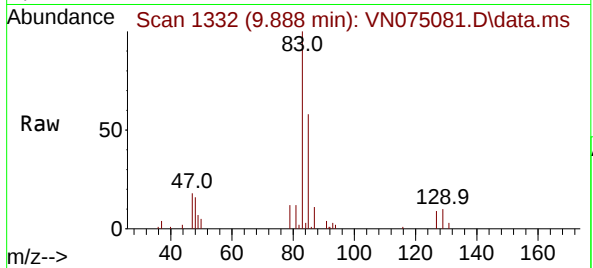
#47
Bromodichloromethane
Concen: 20.302 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion: 83 Resp: 37504
Ion Ratio Lower Upper
83 100
85 57.7 52.1 78.1
127 8.6 6.6 10.0

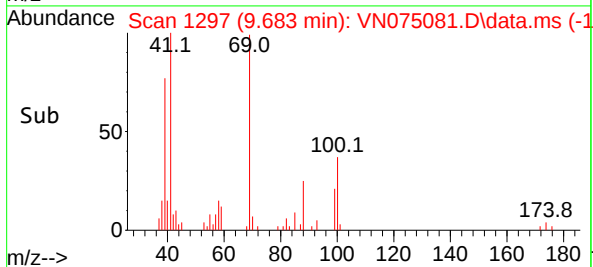
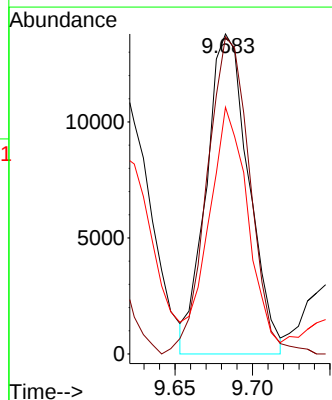
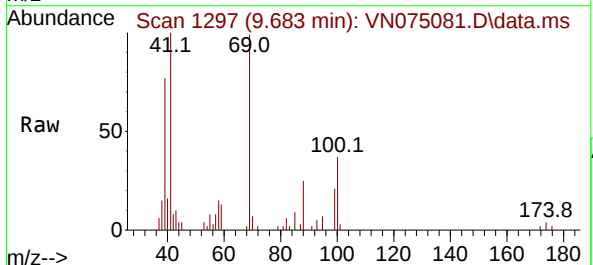
Manual Integrations
APPROVED

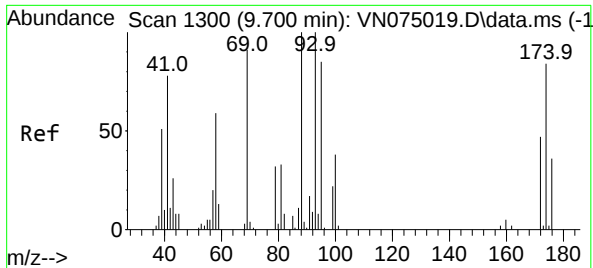
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#48
Methyl methacrylate
Concen: 19.986 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Tgt Ion: 41 Resp: 26206
Ion Ratio Lower Upper
41 100
69 100.0 80.2 120.2
39 71.9 56.2 84.2





#49

1,4-Dioxane

Concen: 402.898 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 88 Resp: 13834

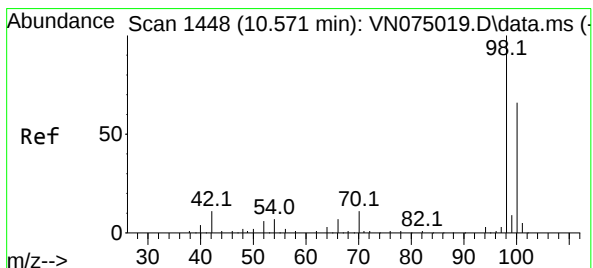
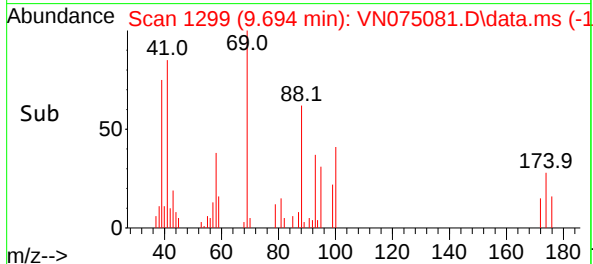
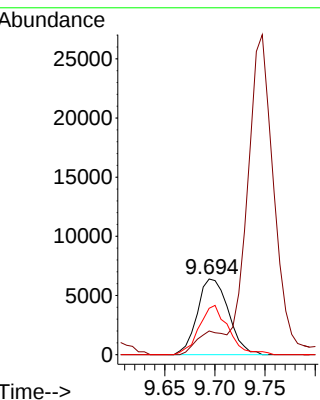
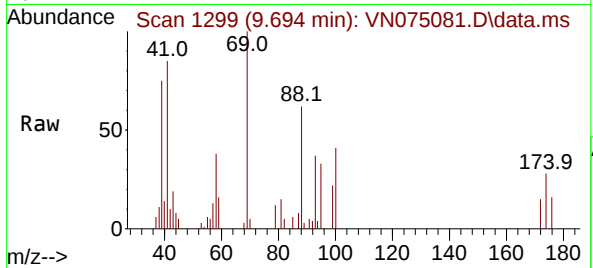
Ion	Ratio	Lower	Upper
88	100		
43	28.8	17.5	26.3
58	61.4	49.8	74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#50

Toluene-d8

Concen: 56.404 ug/l

RT: 10.571 min Scan# 1448

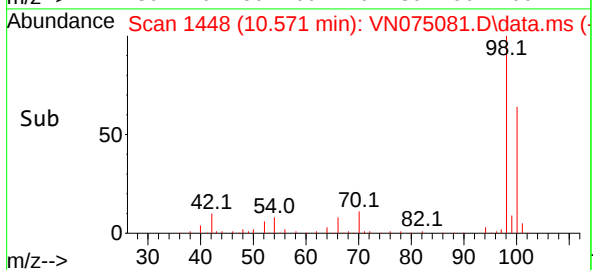
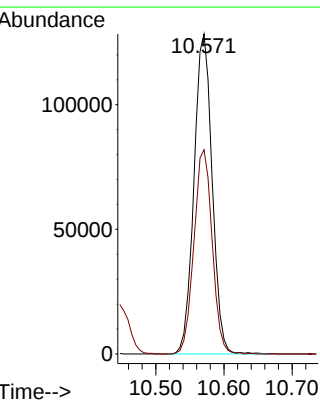
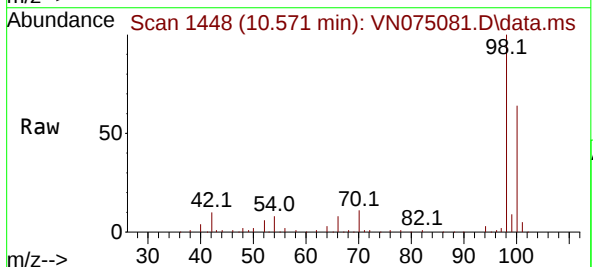
Delta R.T. -0.000 min

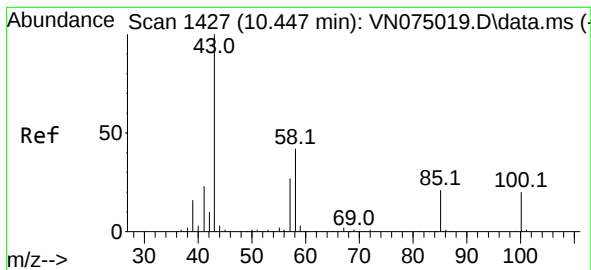
Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Tgt Ion: 98 Resp: 237518

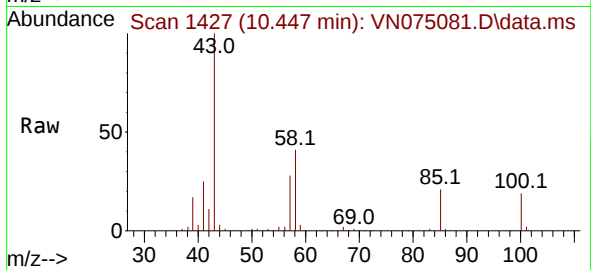
Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.0	79.6





#51
4-Methyl-2-Pentanone
Concen: 103.749 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

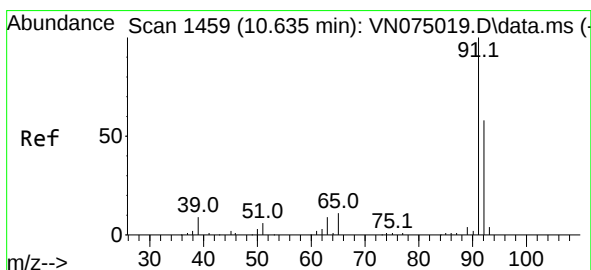
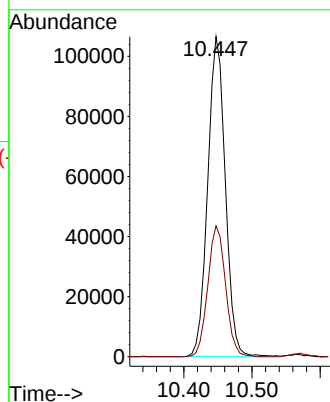
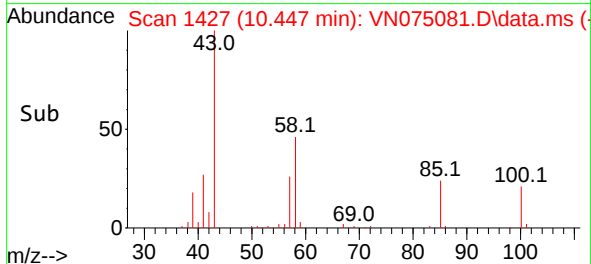
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 43 Resp: 191370
Ion Ratio Lower Upper
43 100
58 41.3 33.6 50.4

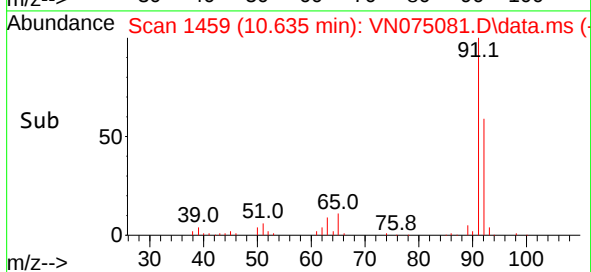
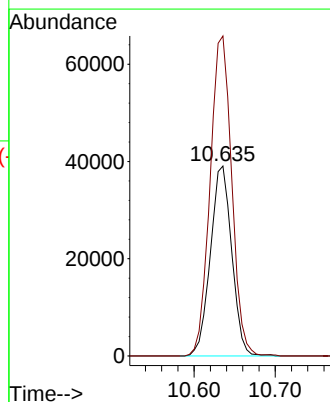
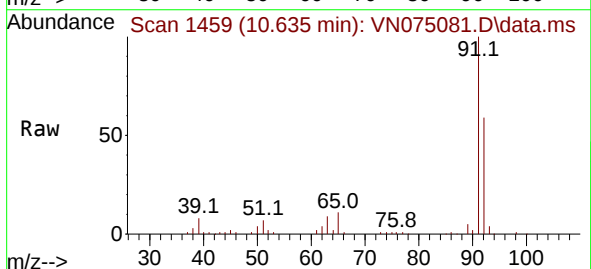
Manual Integrations
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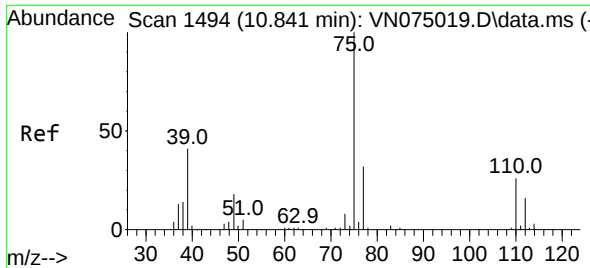
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#52
Toluene
Concen: 20.757 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

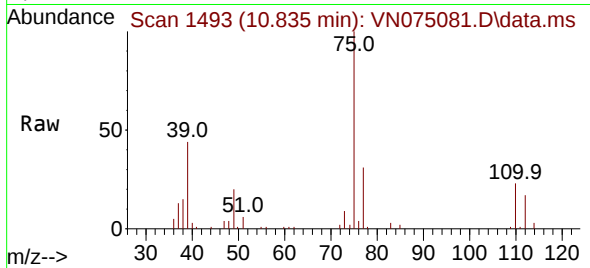
Tgt Ion: 92 Resp: 71389
Ion Ratio Lower Upper
92 100
91 170.7 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 20.462 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

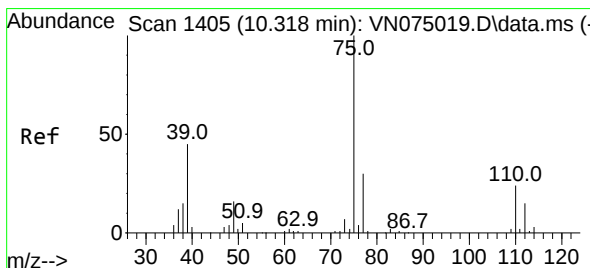
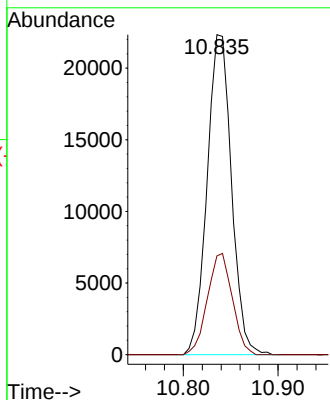
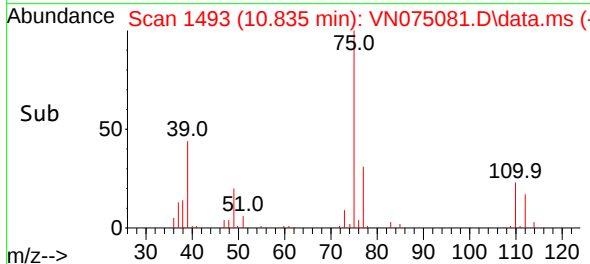
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 75 Resp: 3989
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2

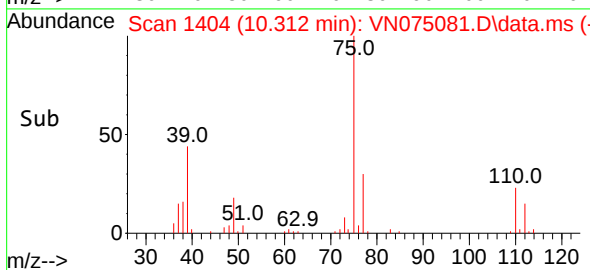
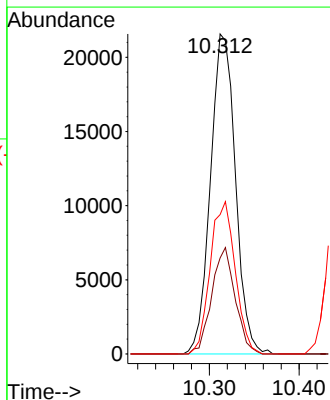
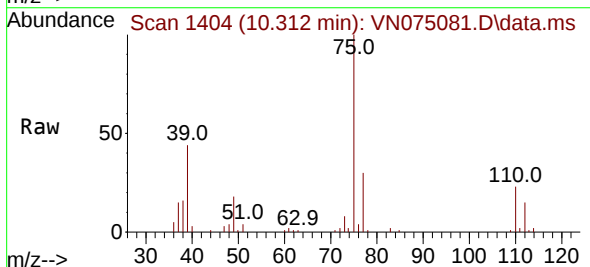
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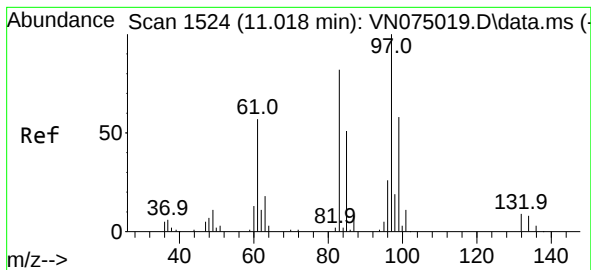
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#54
cis-1,3-Dichloropropene
Concen: 20.182 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Tgt Ion: 75 Resp: 41739
Ion Ratio Lower Upper
75 100
77 30.0 23.7 35.5
39 43.6 35.8 53.6





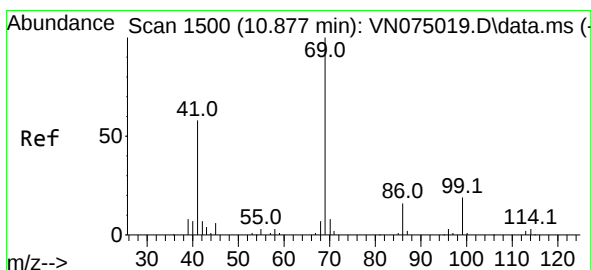
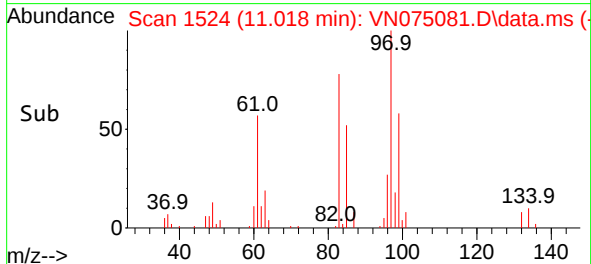
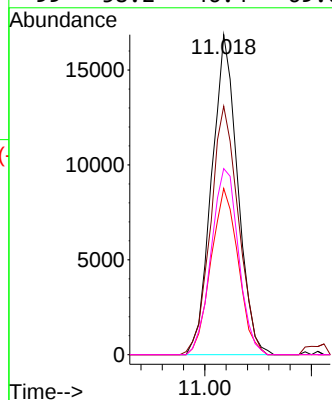
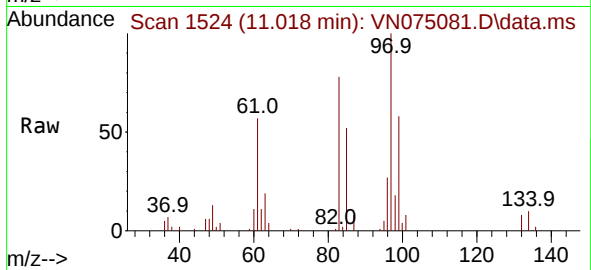
#55
1,1,2-Trichloroethane
Concen: 20.934 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.6	65.9	98.9
85	51.9	40.4	60.6
99	58.2	46.4	69.6

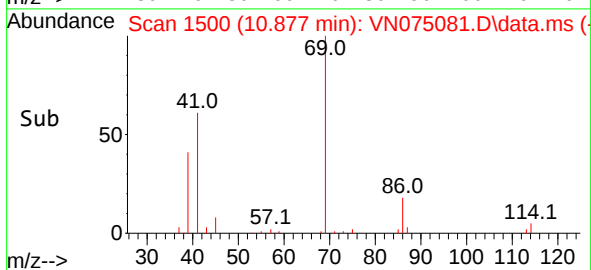
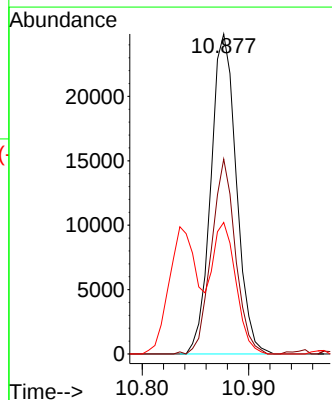
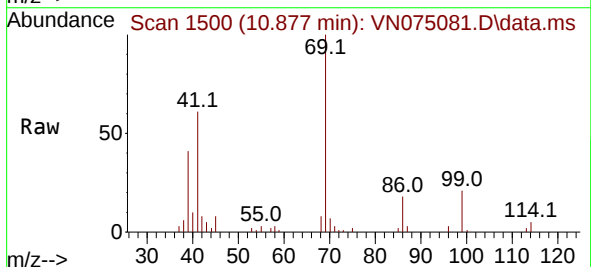
Manual Integrations
APPROVED

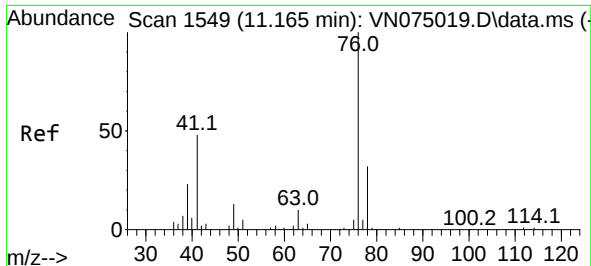
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#56
Ethyl methacrylate
Concen: 19.848 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.5	45.6	68.4
39	38.0	28.5	42.7





#57

1,3-Dichloropropane

Concen: 20.681 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

Tgt Ion: 76 Resp: 46968

Ion Ratio Lower Upper

76 100

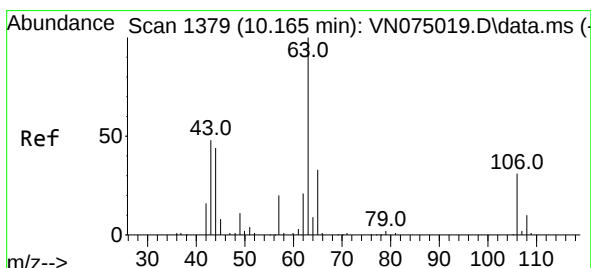
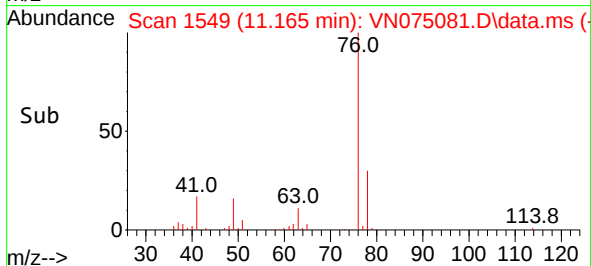
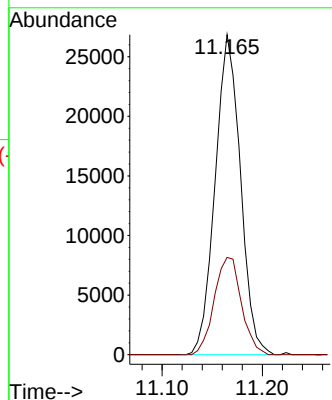
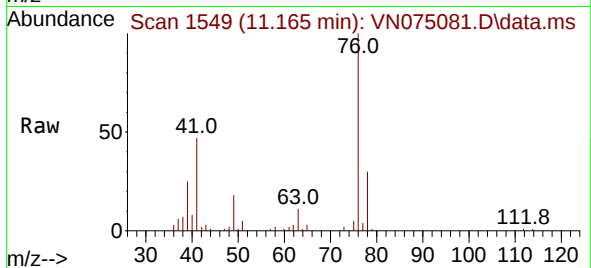
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 111.465 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075081.D

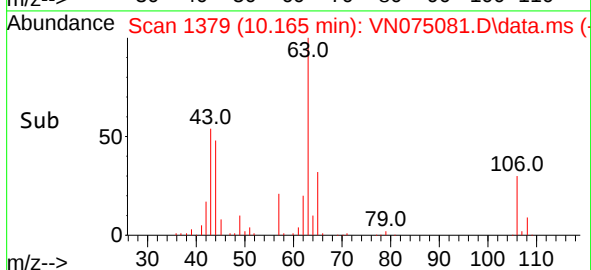
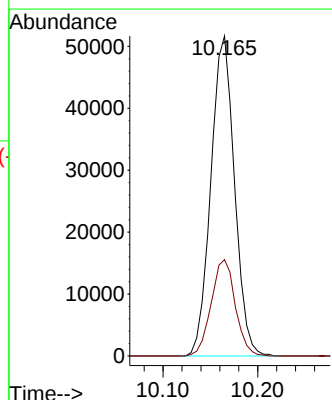
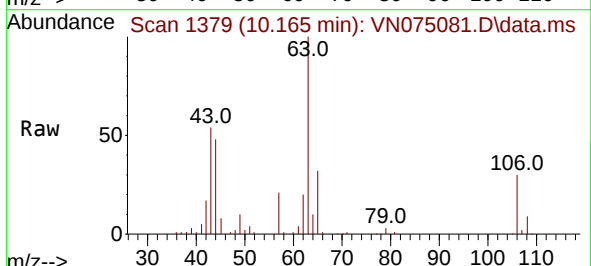
Acq: 31 Oct 2022 12:48

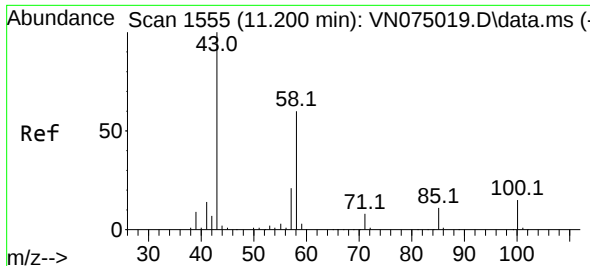
Tgt Ion: 63 Resp: 89640

Ion Ratio Lower Upper

63 100

106 30.7 24.8 37.2





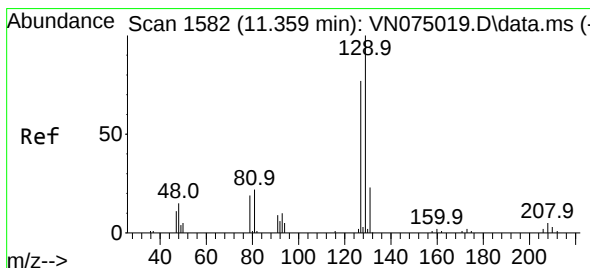
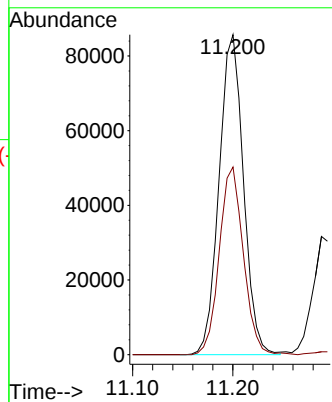
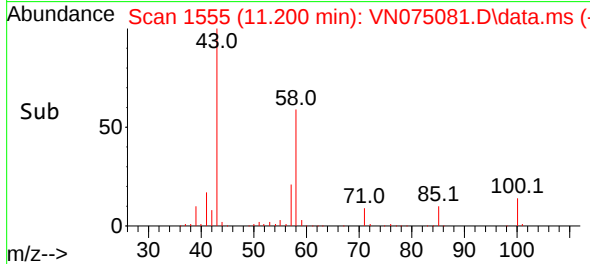
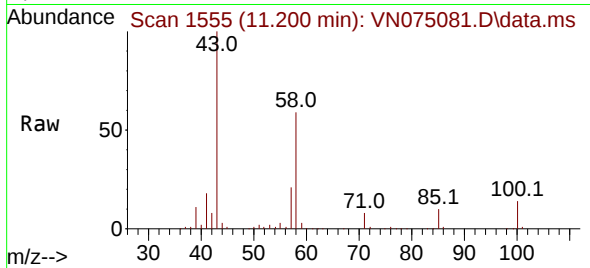
#59
2-Hexanone
Concen: 103.202 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion: 43 Resp: 14448
Ion Ratio Lower Upper
43 100
58 58.0 29.6 88.8

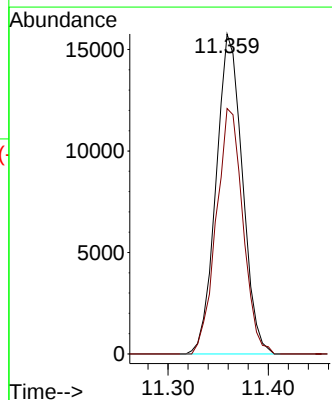
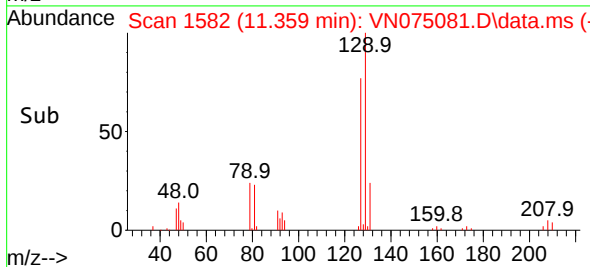
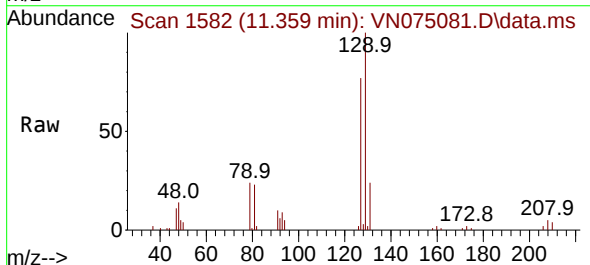
Manual Integrations
APPROVED

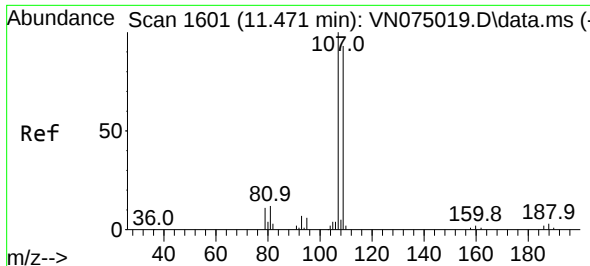
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#60
Dibromochloromethane
Concen: 19.953 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

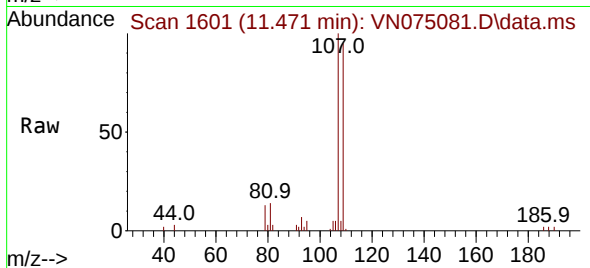
Tgt Ion:129 Resp: 28708
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.011 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

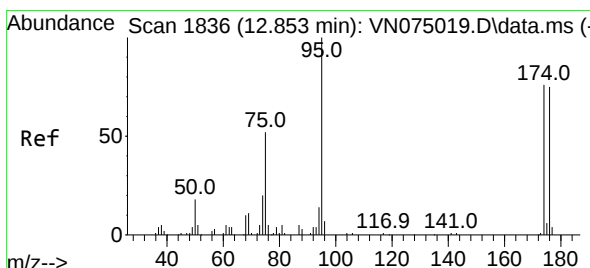
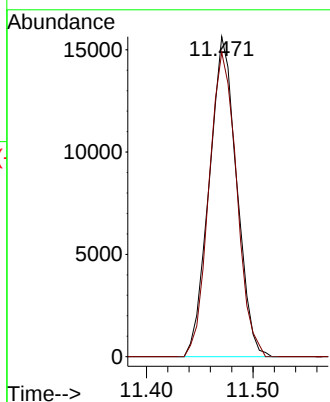
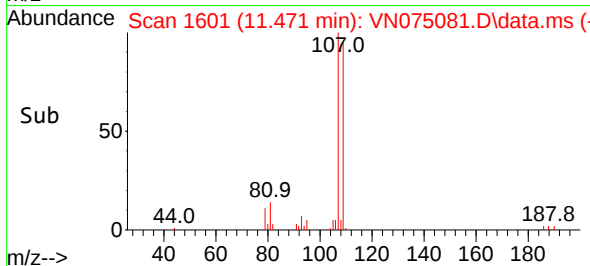
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



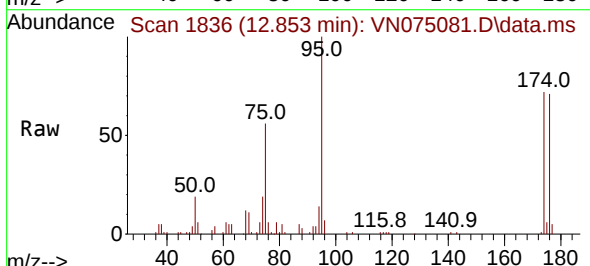
Tgt Ion:107 Resp: 2796
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4

Manual Integrations
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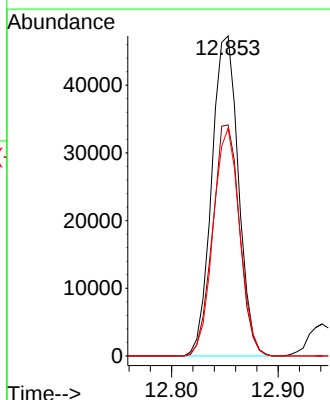
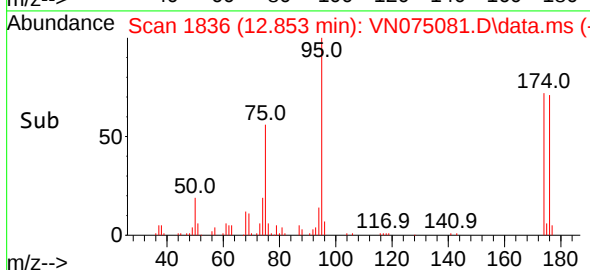
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

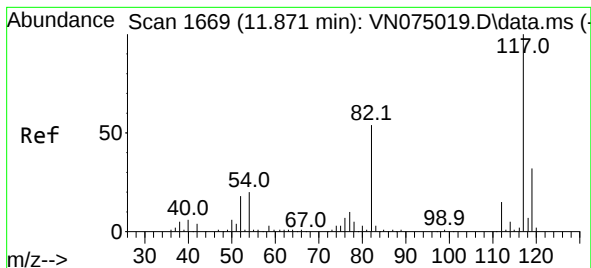


#62
4-Bromofluorobenzene
Concen: 55.561 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



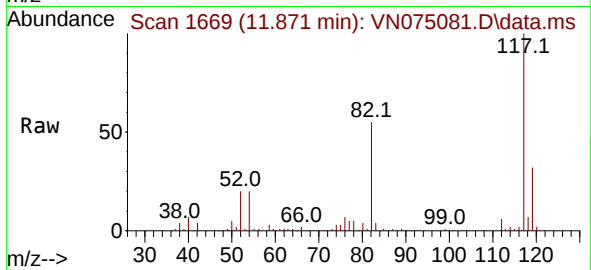
Tgt Ion: 95 Resp: 82190
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.4
176 70.7 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

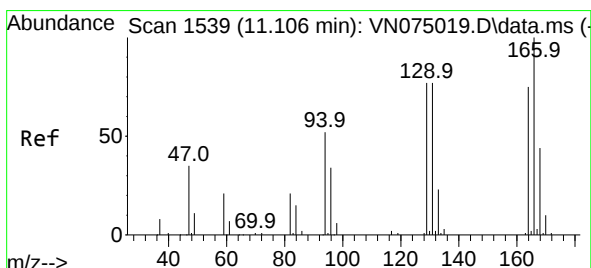
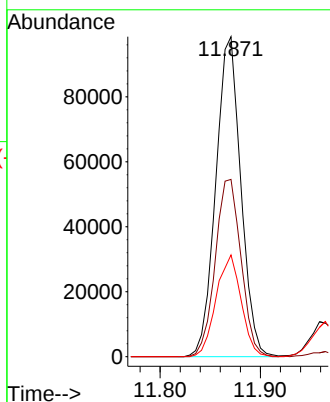
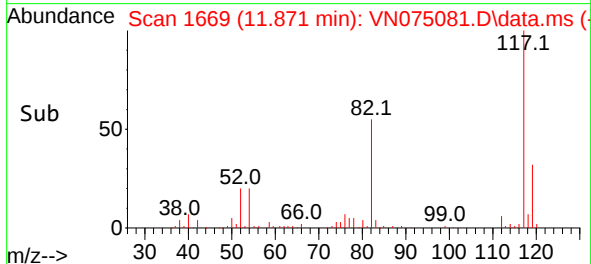
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



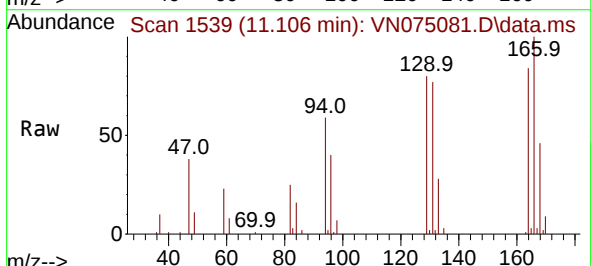
Tgt Ion:117 Resp: 171114
Ion Ratio Lower Upper
117 100
82 55.4 43.1 64.7
119 31.8 25.5 38.3

Manual Integrations
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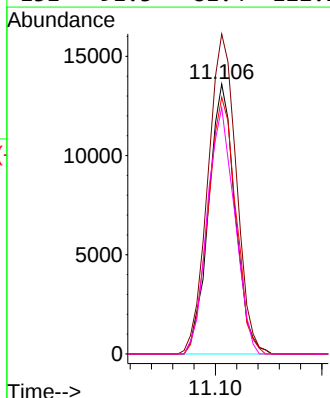
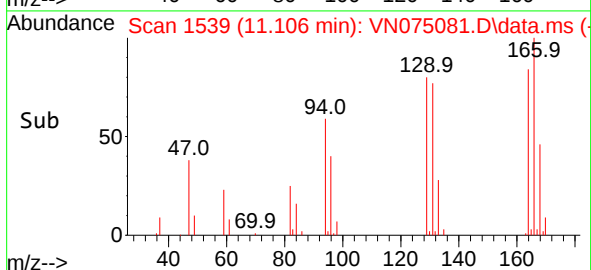
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

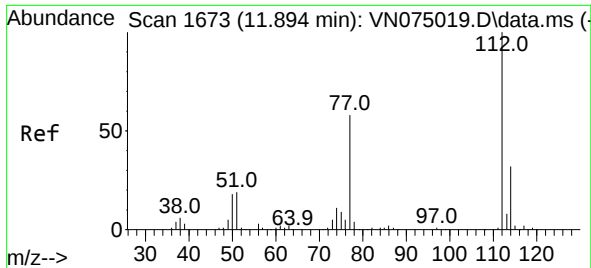


#64
Tetrachloroethene
Concen: 22.385 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



Tgt Ion:164 Resp: 23483
Ion Ratio Lower Upper
164 100
166 118.6 106.5 159.7
129 95.1 81.9 122.9
131 91.3 81.4 122.2





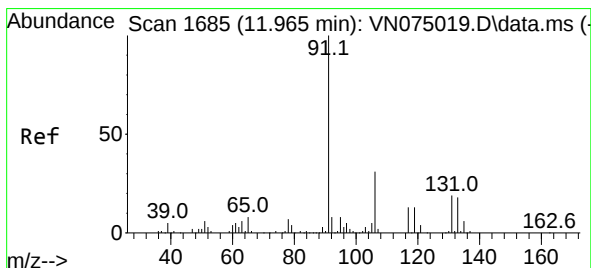
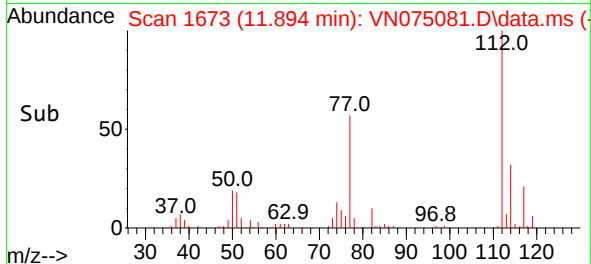
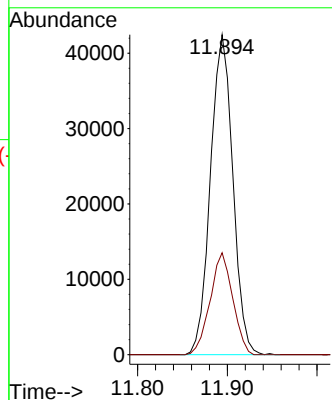
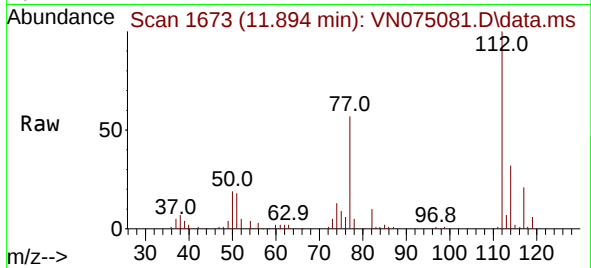
#65
Chlorobenzene
Concen: 20.155 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion:112 Resp: 73610
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

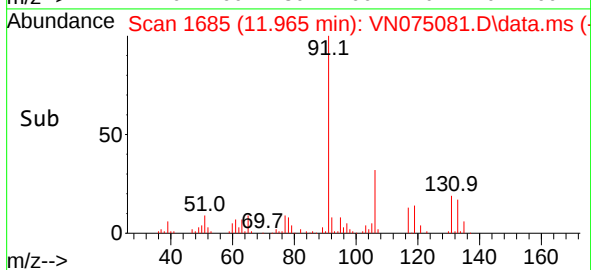
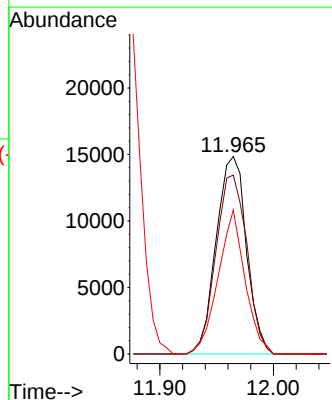
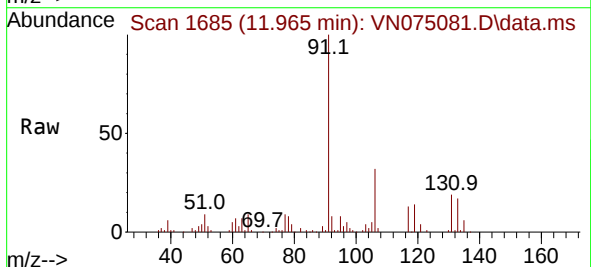
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.265 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

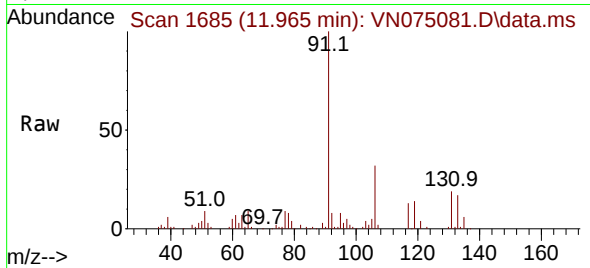
Tgt Ion:131 Resp: 27458
Ion Ratio Lower Upper
131 100
133 93.0 47.8 143.4
119 65.0 33.0 99.0





#67
Ethyl Benzene
Concen: 20.451 ug/l
RT: 11.965 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

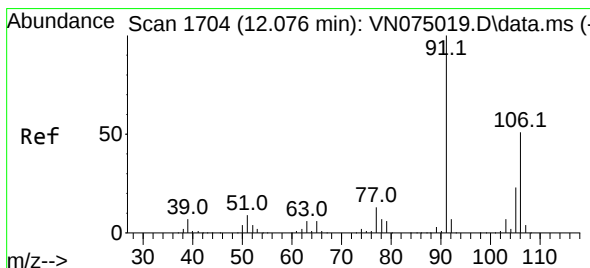
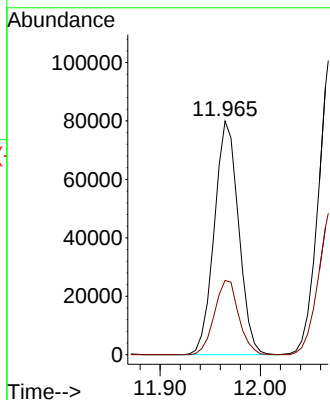
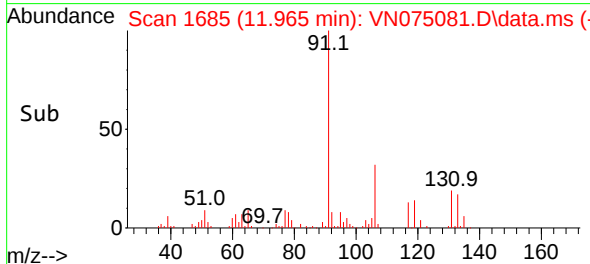
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



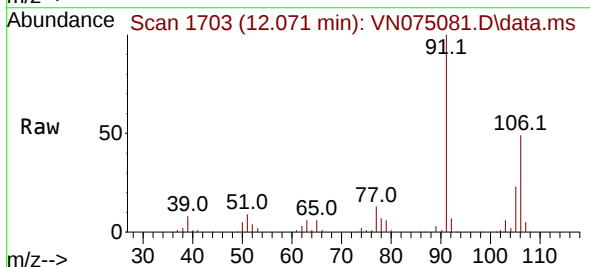
Tgt Ion: 91 Resp: 13439
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
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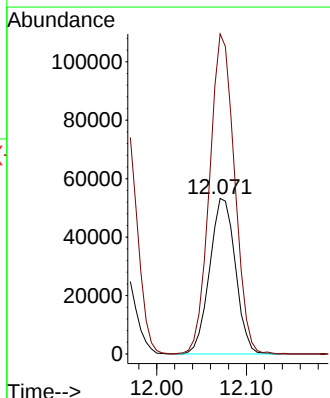
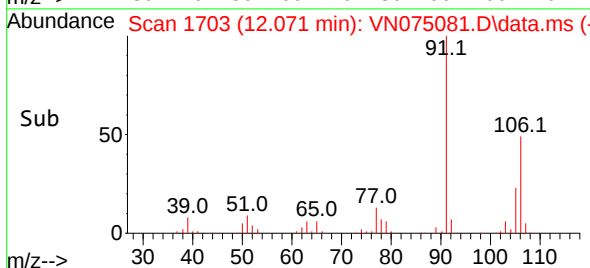
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

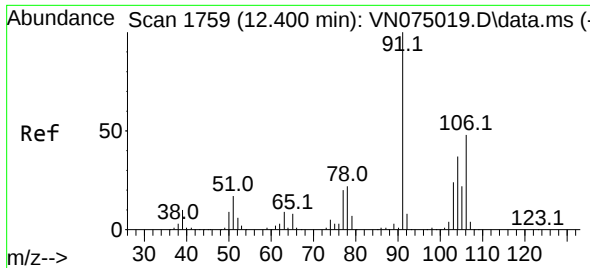


#68
m/p-Xylenes
Concen: 40.154 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



Tgt Ion:106 Resp: 105874
Ion Ratio Lower Upper
106 100
91 200.5 156.0 234.0





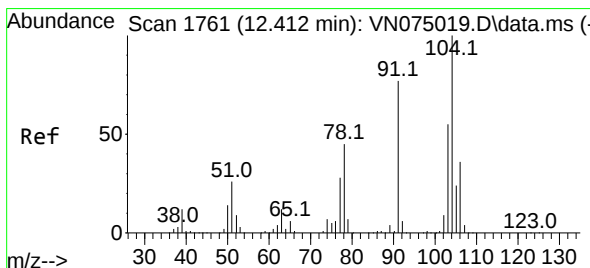
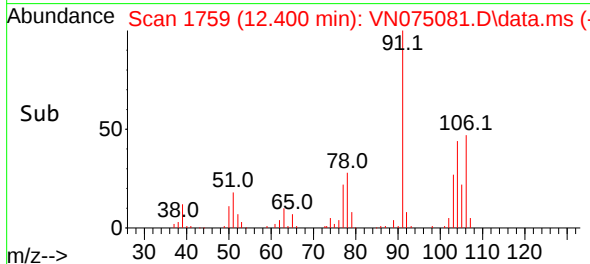
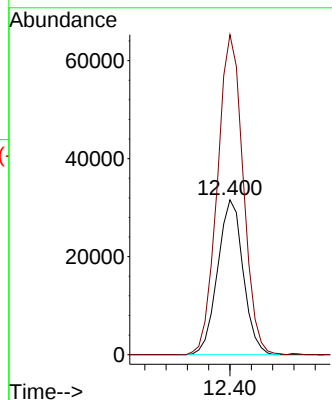
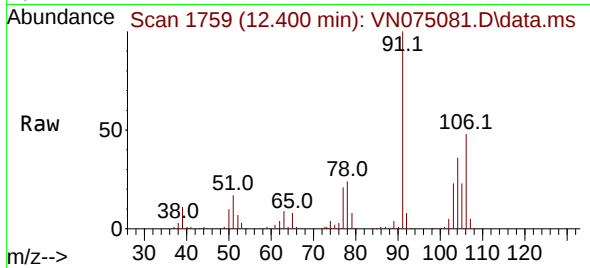
#69
o-Xylene
Concen: 20.130 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion:106 Resp: 5249
Ion Ratio Lower Upper
106 100
91 209.2 105.2 315.5

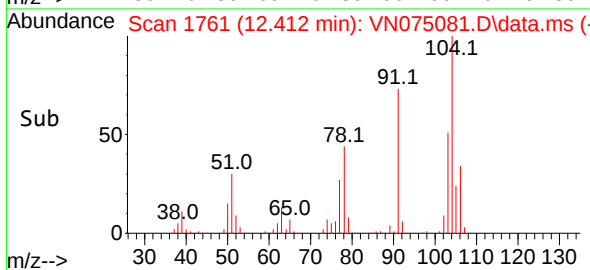
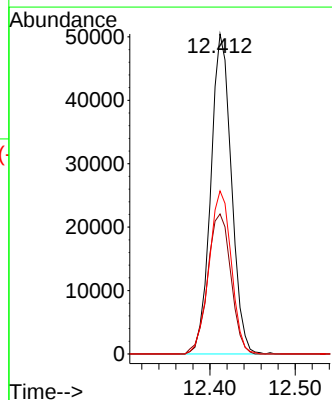
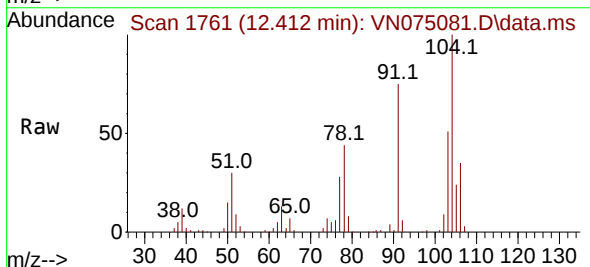
Manual Integrations
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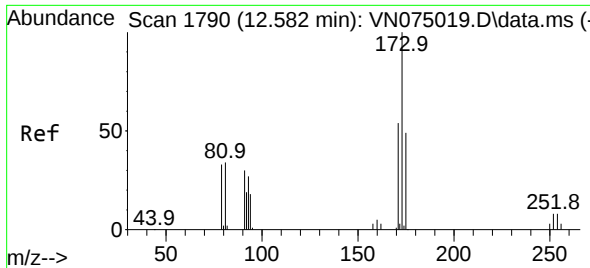
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#70
Styrene
Concen: 20.387 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

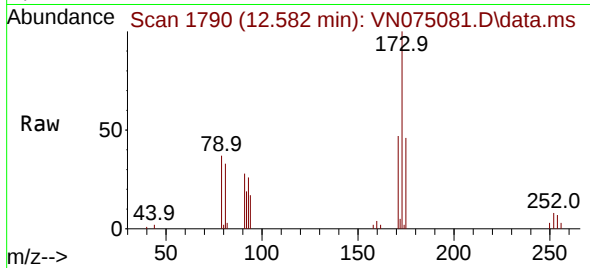
Tgt Ion:104 Resp: 84764
Ion Ratio Lower Upper
104 100
78 49.2 38.1 57.1
103 54.9 44.6 66.8





#71
Bromoform
Concen: 19.353 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

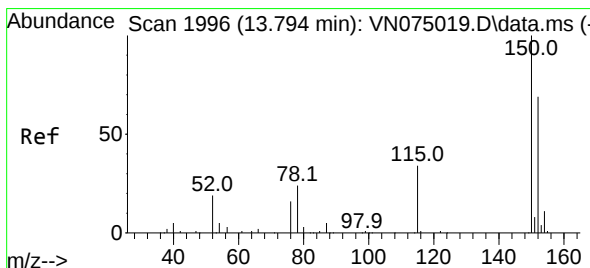
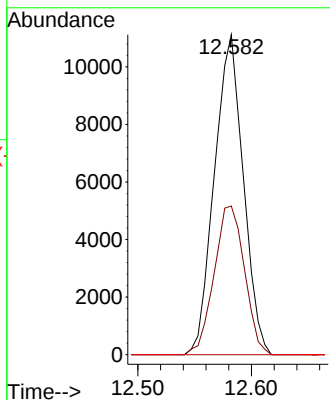
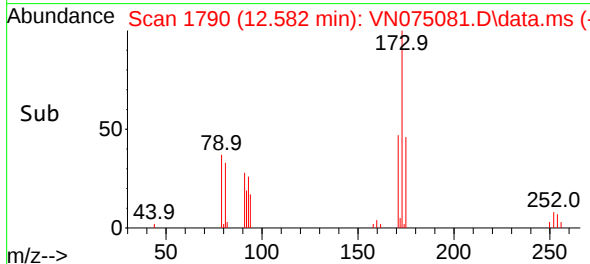
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



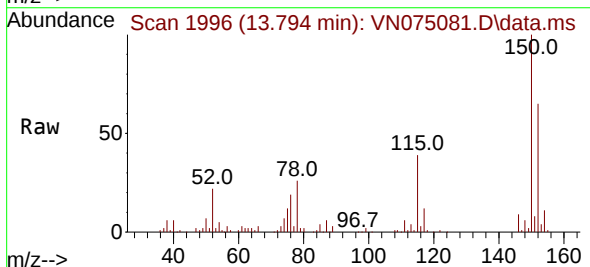
Tgt Ion:173 Resp: 19632
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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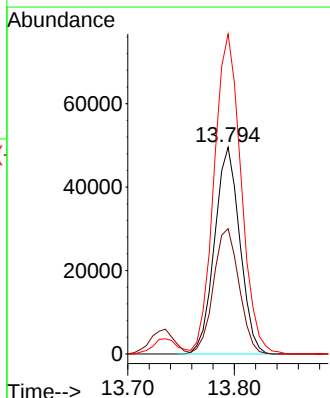
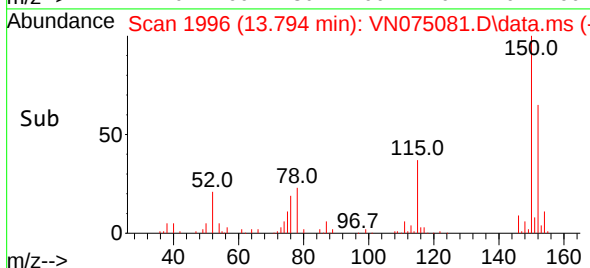
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

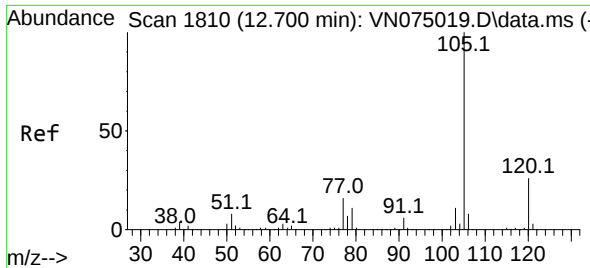


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



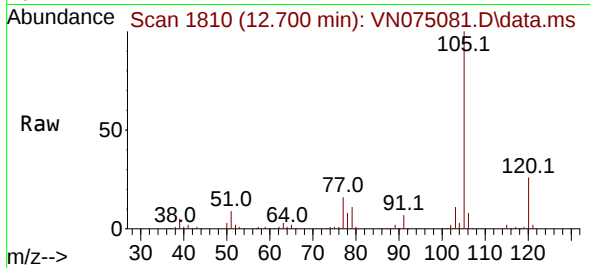
Tgt Ion:152 Resp: 81474
Ion Ratio Lower Upper
152 100
115 61.6 30.2 90.6
150 165.4 0.0 348.4





#73
Isopropylbenzene
Concen: 20.432 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

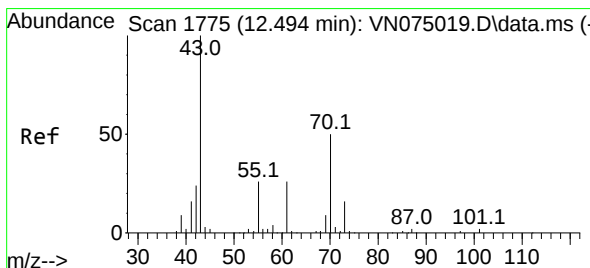
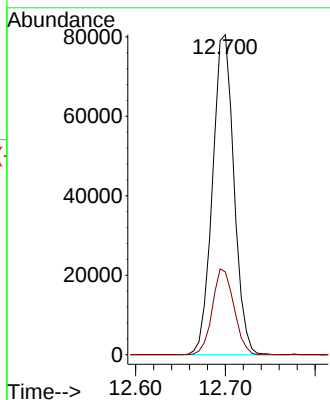
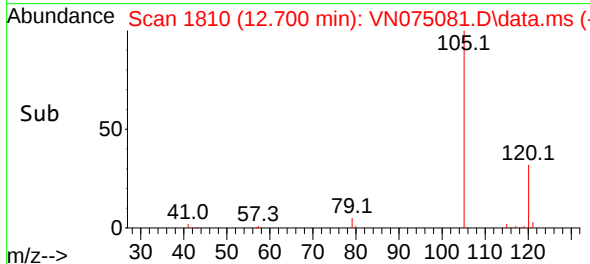
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



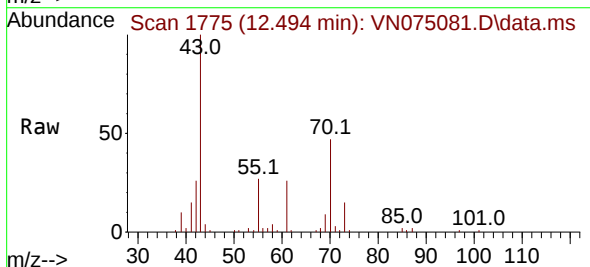
Tgt Ion:105 Resp: 133640
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

Manual Integrations
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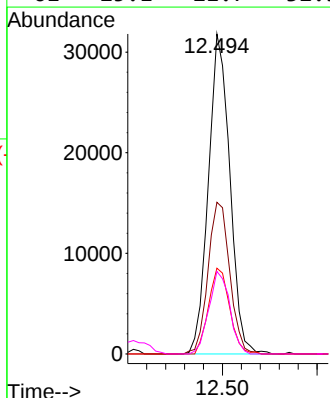
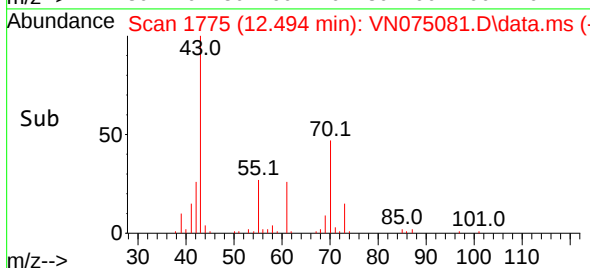
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

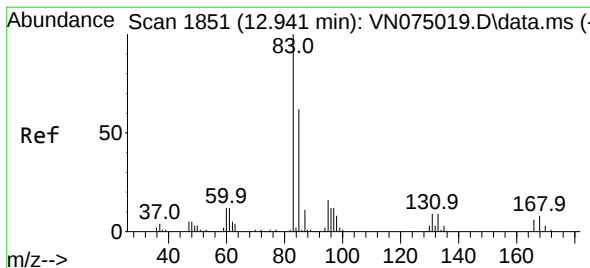


#74
N-ethyl acetate
Concen: 20.651 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



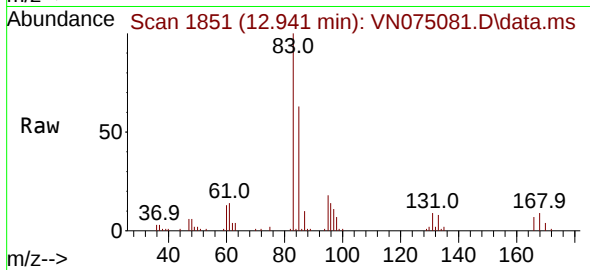
Tgt Ion: 43 Resp: 49957
Ion Ratio Lower Upper
43 100
70 48.0 39.8 59.8
55 26.3 19.9 29.9
61 25.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.903 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

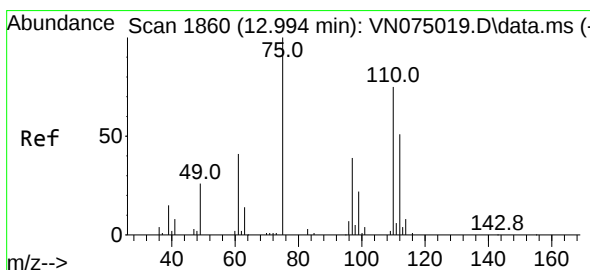
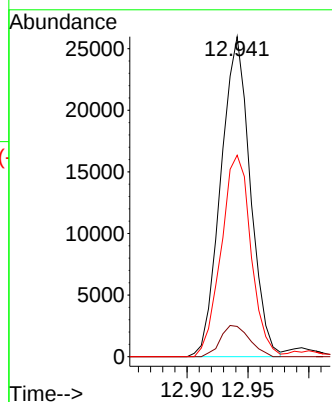
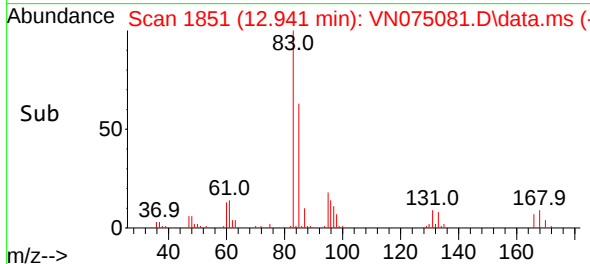
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



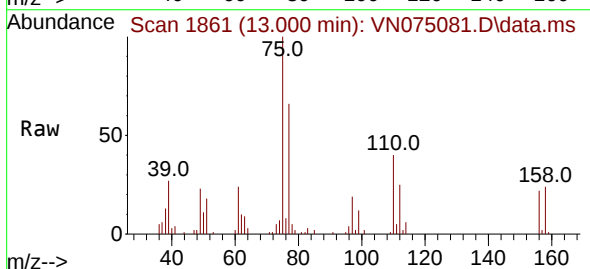
Tgt Ion: 83 Resp: 4363
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.0 31.6 94.7

Manual Integrations
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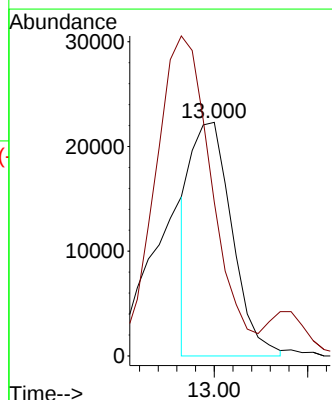
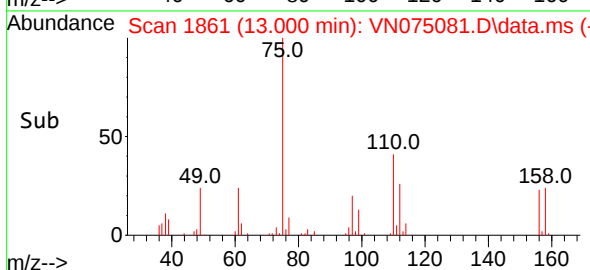
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

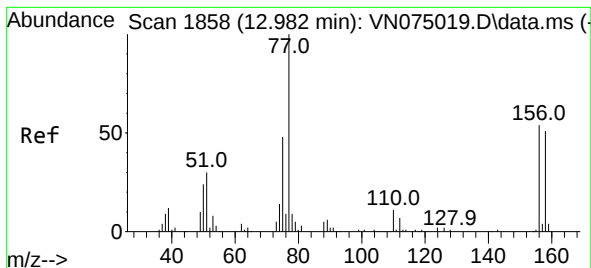


#76
1,2,3-Trichloropropane
Concen: 19.869 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



Tgt Ion: 75 Resp: 34371
Ion Ratio Lower Upper
75 100
77 188.4 75.6 226.8





#77

Bromobenzene

Concen: 20.964 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN1031WBS01

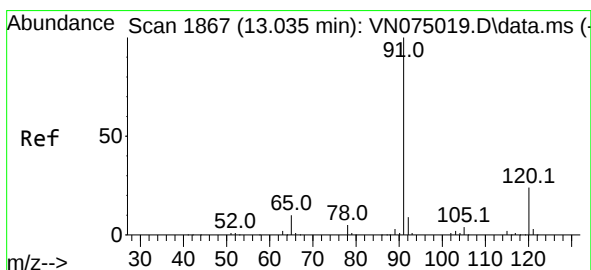
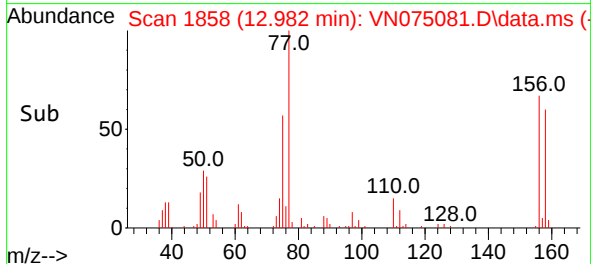
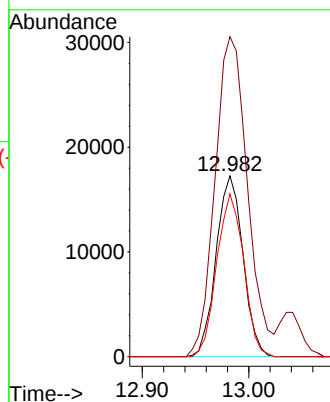
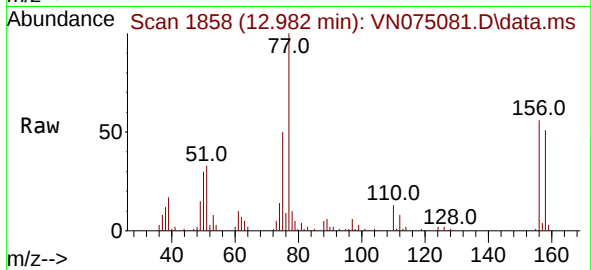
Tgt Ion	Ratio	Lower	Upper
156	100		
77	214.5	108.5	325.5
158	90.3	47.7	143.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#78

n-propylbenzene

Concen: 21.789 ug/l

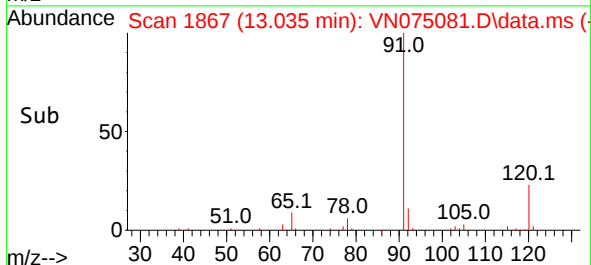
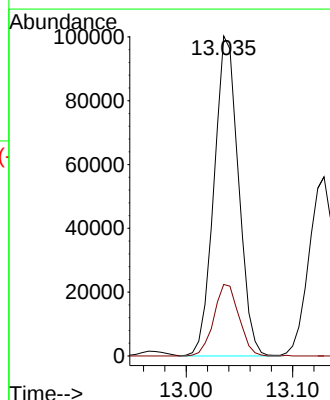
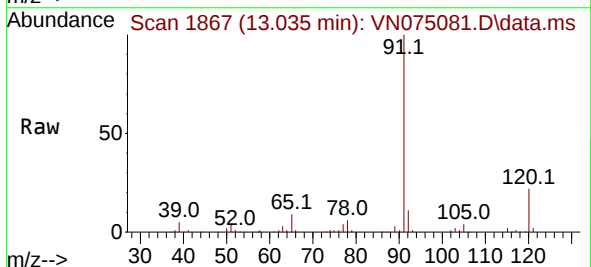
RT: 13.035 min Scan# 1867

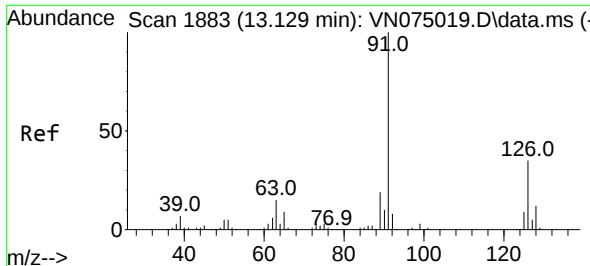
Delta R.T. 0.000 min

Lab File: VN075081.D

Acq: 31 Oct 2022 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.9	35.5





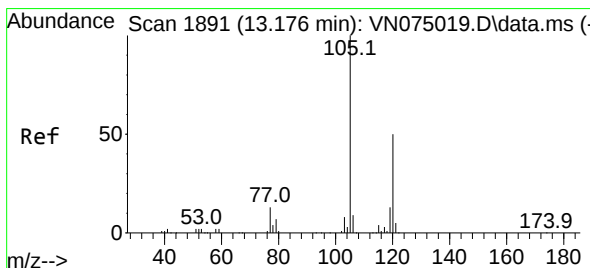
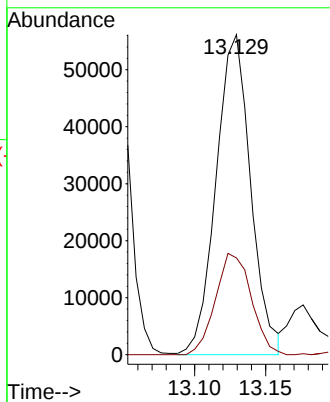
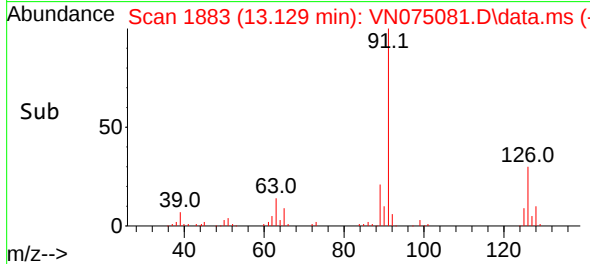
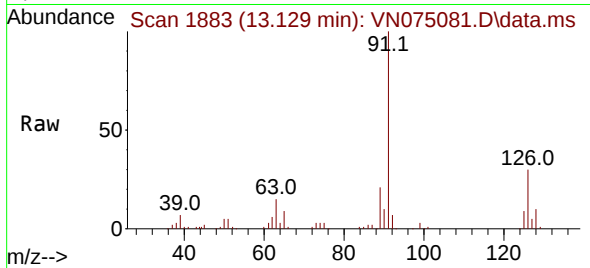
#79
2-Chlorotoluene
Concen: 21.220 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion: 91 Resp: 9522
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.7

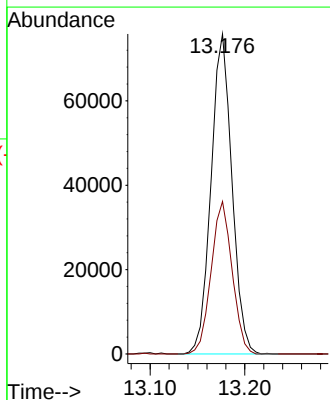
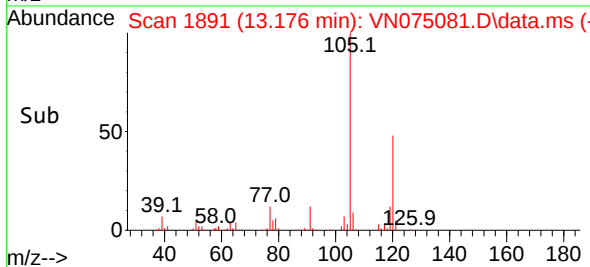
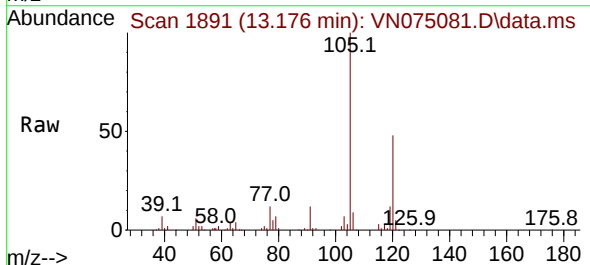
Manual Integrations
APPROVED

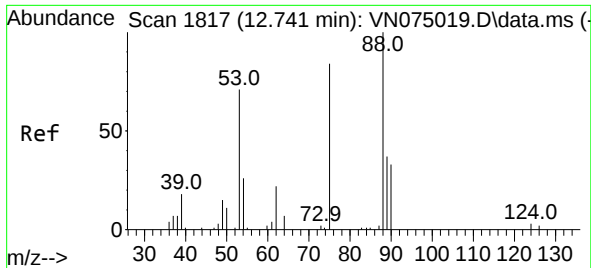
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.194 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

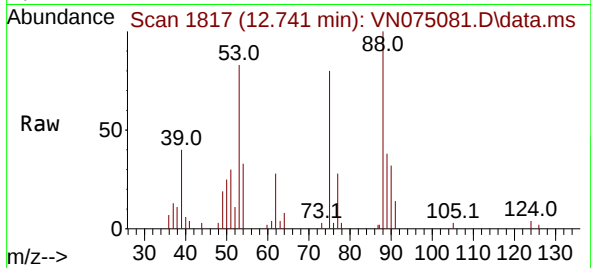
Tgt Ion:105 Resp: 116436
Ion Ratio Lower Upper
105 100
120 47.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.927 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

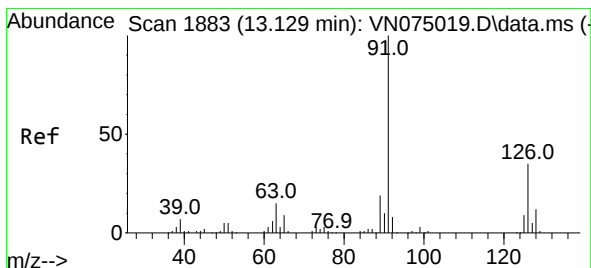
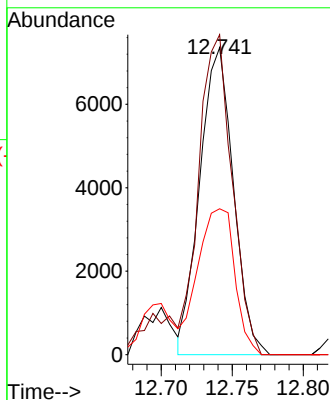
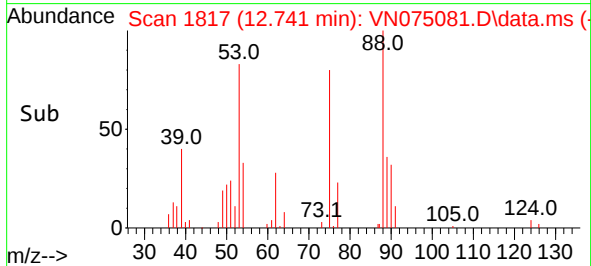
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 75 Resp: 1208
Ion Ratio Lower Upper
75 100
53 102.9 78.5 117.7
89 52.6 37.7 56.5

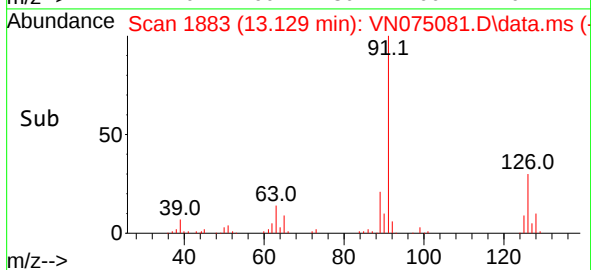
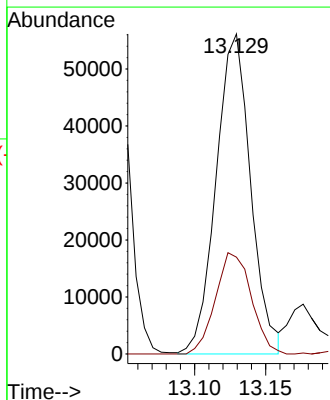
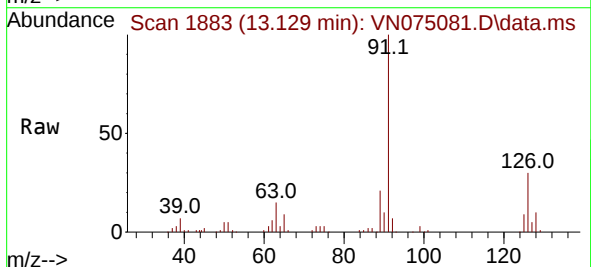
Manual Integrations
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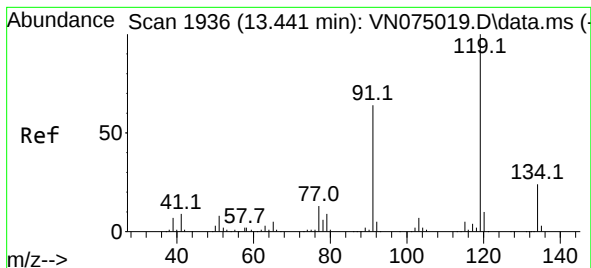
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#82
4-Chlorotoluene
Concen: 21.220 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

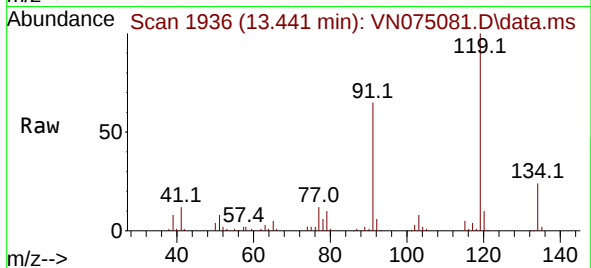
Tgt Ion: 91 Resp: 95223
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.769 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

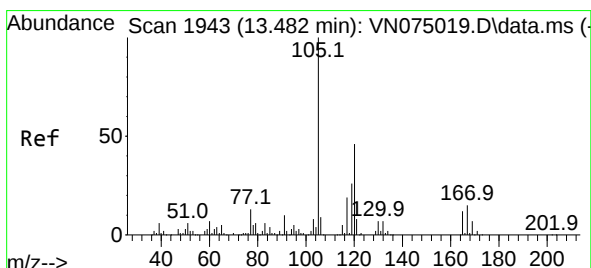
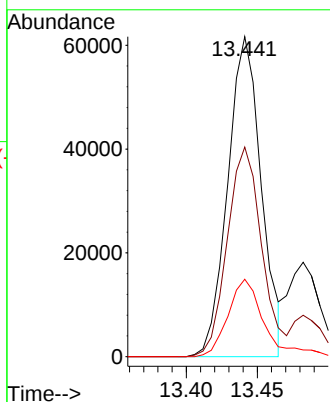
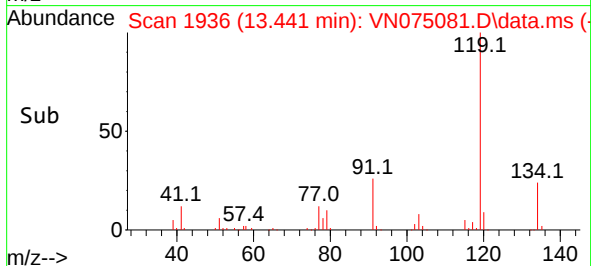
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



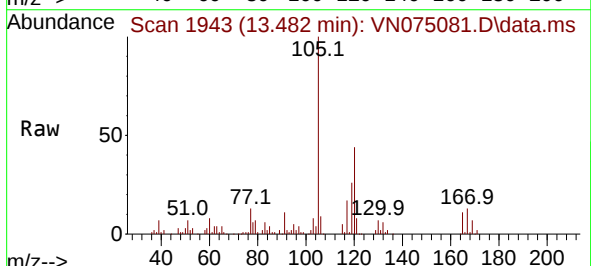
Tgt Ion:119 Resp: 10138
Ion Ratio Lower Upper
119 100
91 67.3 32.8 98.4
134 26.0 12.3 36.9

Manual Integrations
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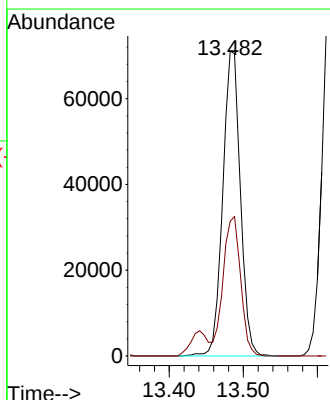
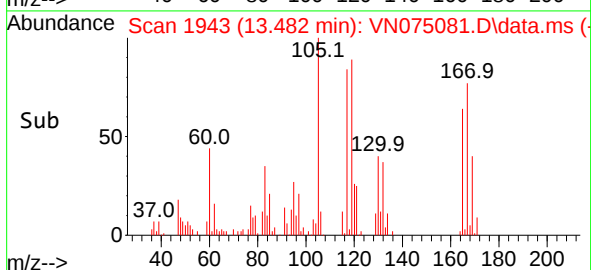
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

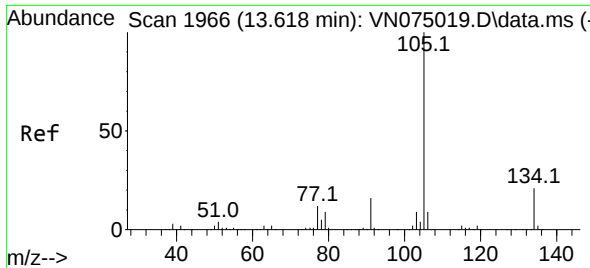


#84
1,2,4-Trimethylbenzene
Concen: 21.053 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



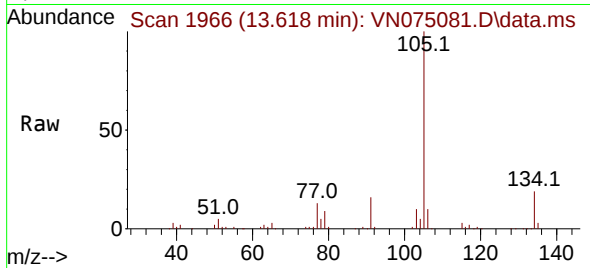
Tgt Ion:105 Resp: 117026
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 21.352 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075081.D
 Acq: 31 Oct 2022 12:48

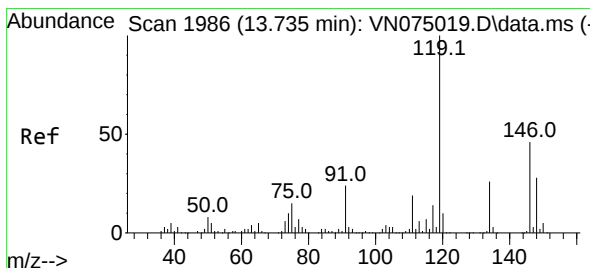
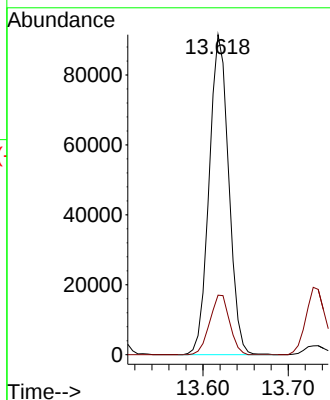
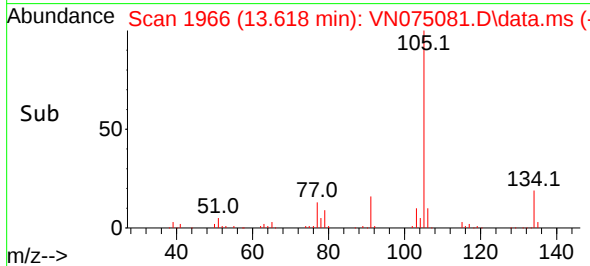
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBS01



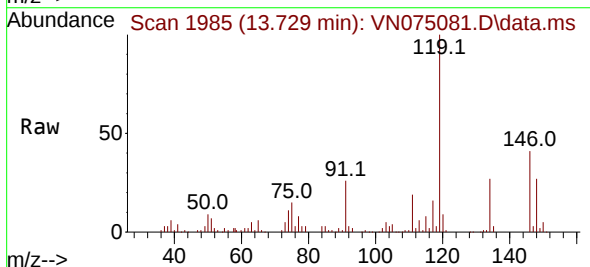
Tgt Ion:105 Resp: 145809
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.2 30.6

Manual Integrations
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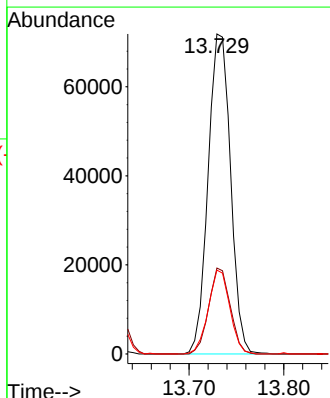
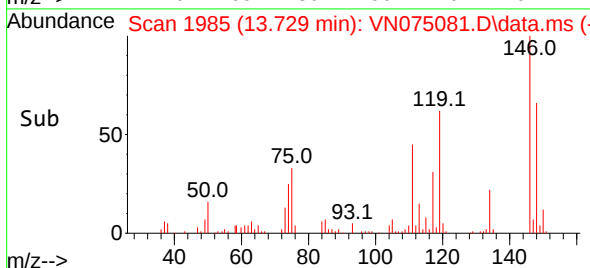
Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

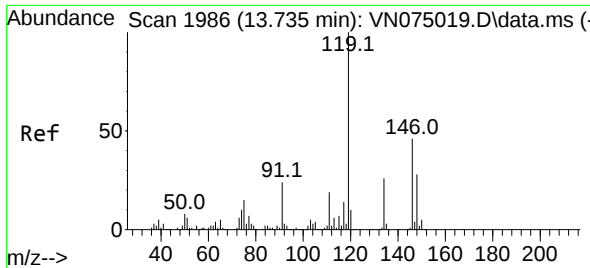


#86
 p-Isopropyltoluene
 Concen: 20.990 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075081.D
 Acq: 31 Oct 2022 12:48



Tgt Ion:119 Resp: 118381
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 25.1 11.9 35.5





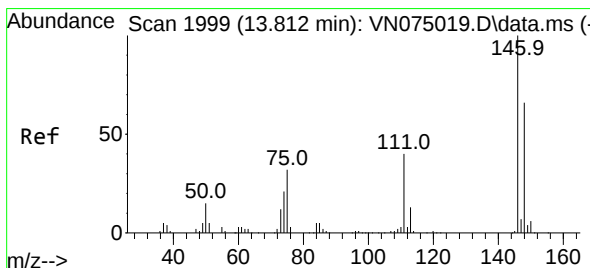
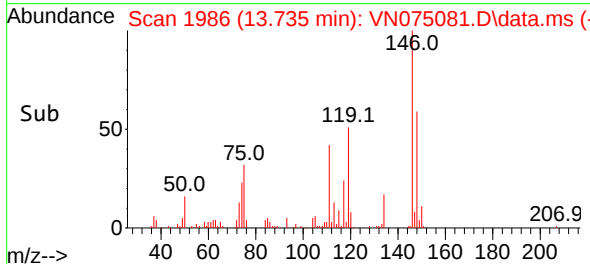
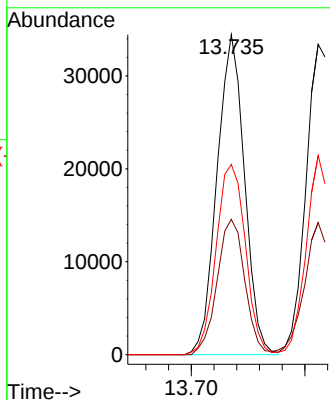
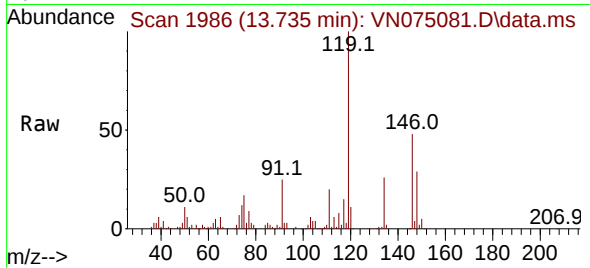
#87
1,3-Dichlorobenzene
Concen: 20.577 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01

Tgt Ion:146 Resp: 58025
Ion Ratio Lower Upper
146 100
111 42.6 20.8 62.5
148 63.3 31.1 93.5

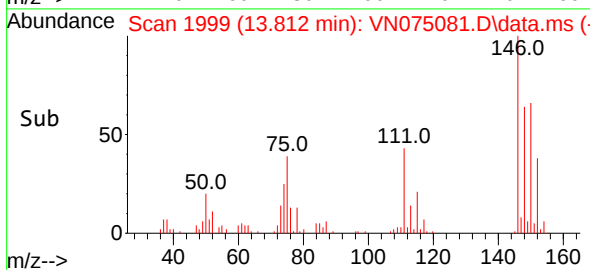
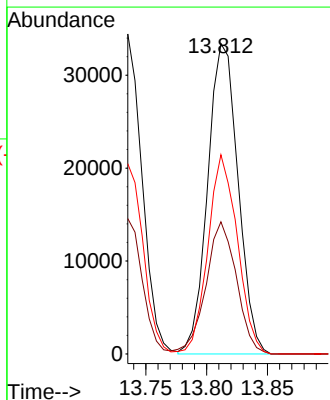
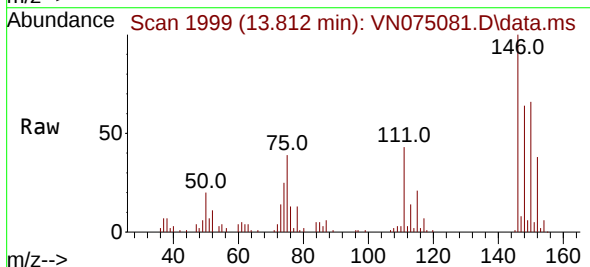
Manual Integrations
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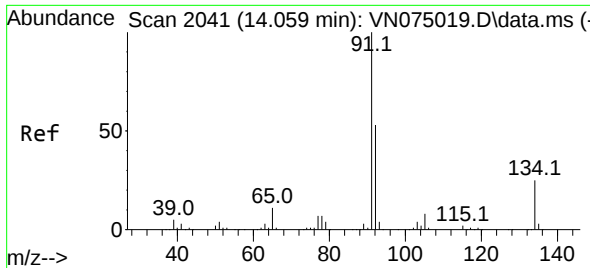
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#88
1,4-Dichlorobenzene
Concen: 20.800 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

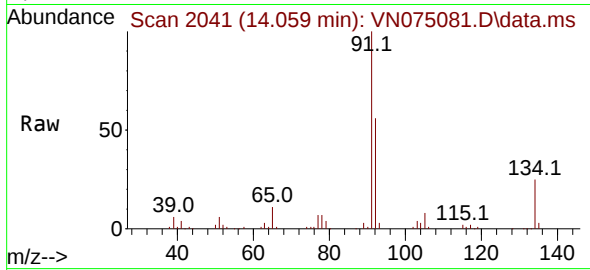
Tgt Ion:146 Resp: 58048
Ion Ratio Lower Upper
146 100
111 42.9 20.1 60.3
148 62.3 31.9 95.7





#89
n-Butylbenzene
Concen: 21.545 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

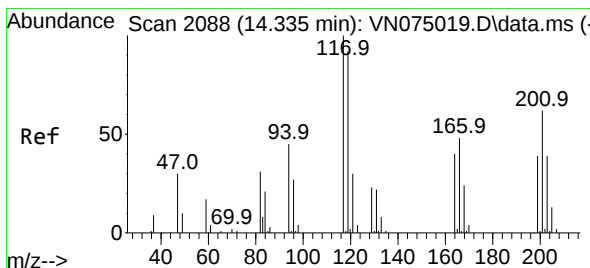
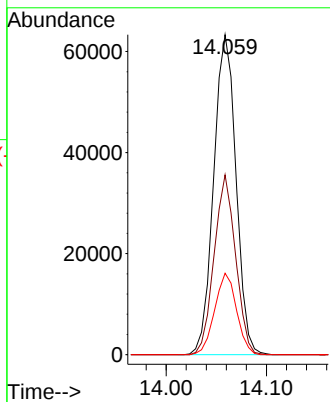
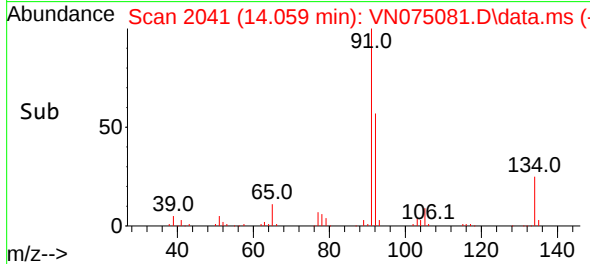
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion: 91 Resp: 9784
Ion Ratio Lower Upper
91 100
92 54.0 26.5 79.4
134 25.0 13.0 39.0

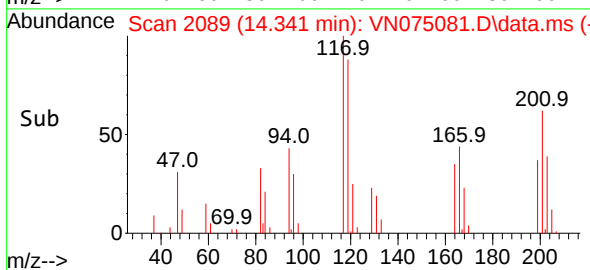
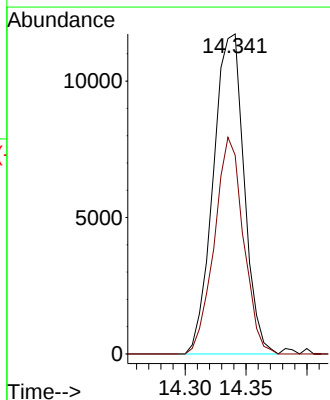
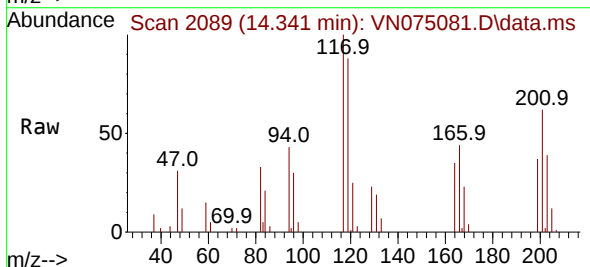
Manual Integrations
APPROVED

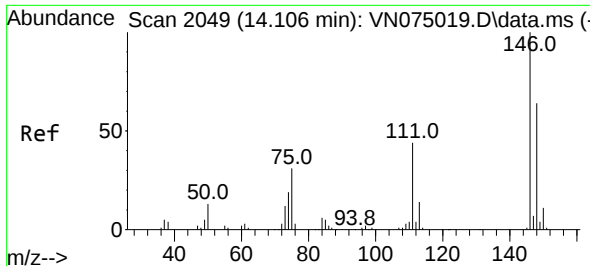
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#90
Hexachloroethane
Concen: 19.983 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

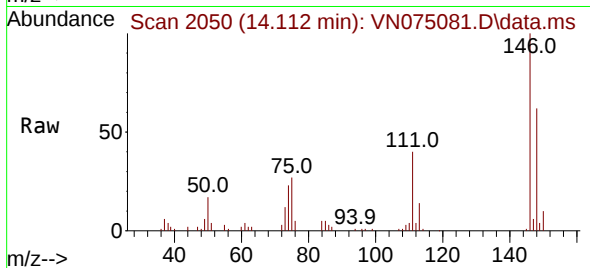
Tgt Ion:117 Resp: 20664
Ion Ratio Lower Upper
117 100
201 64.0 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.941 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

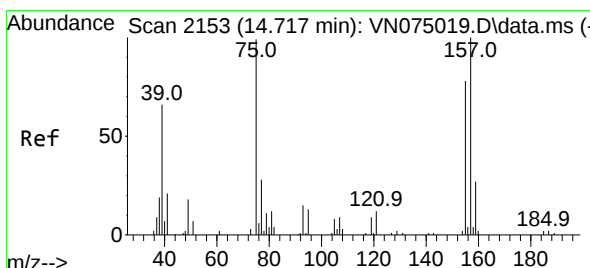
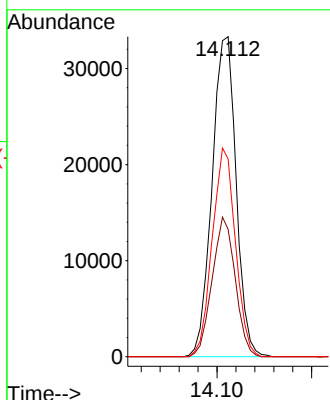
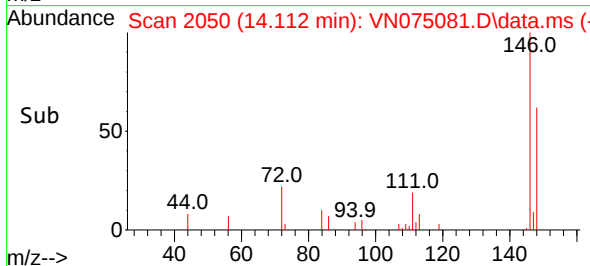
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



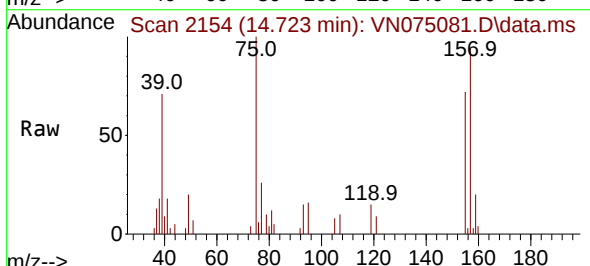
Tgt Ion:146 Resp: 5870
Ion Ratio Lower Upper
146 100
111 41.8 21.3 63.9
148 62.9 31.4 94.2

Manual Integrations
APPROVED

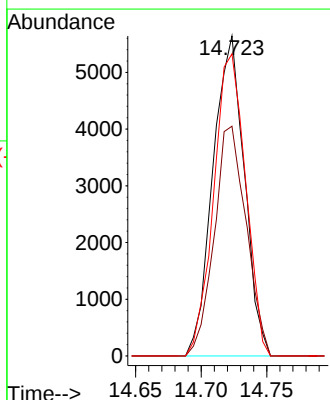
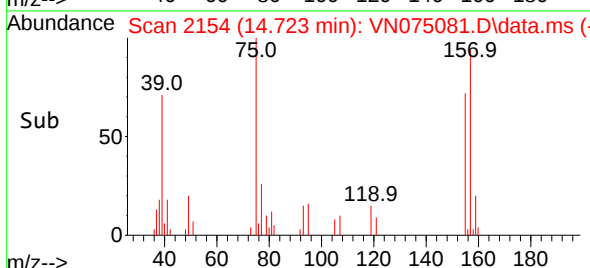
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

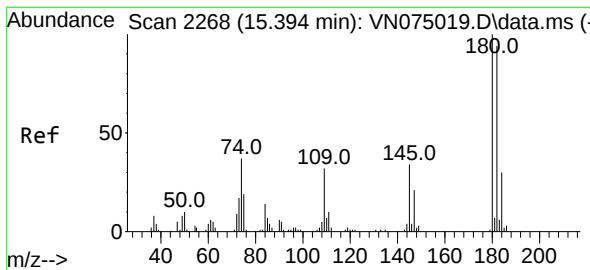


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.249 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



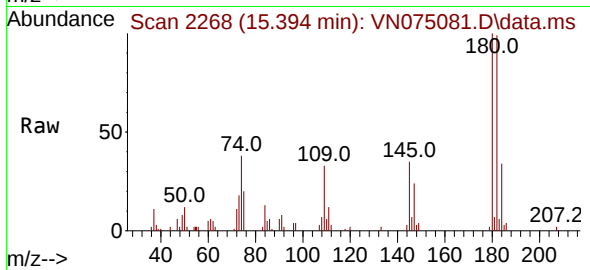
Tgt Ion: 75 Resp: 9375
Ion Ratio Lower Upper
75 100
155 73.3 42.1 126.3
157 96.0 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 20.508 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

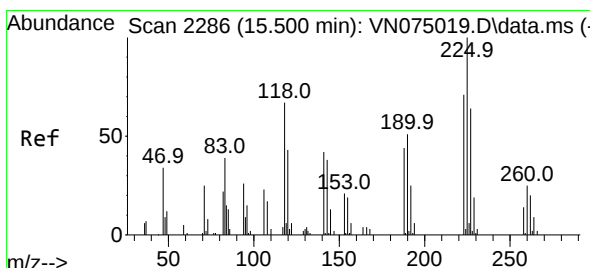
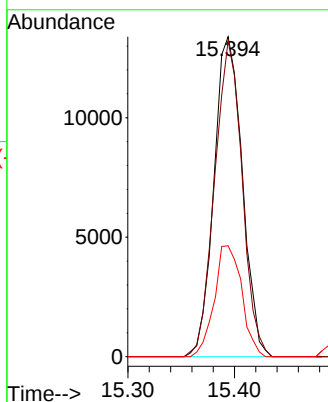
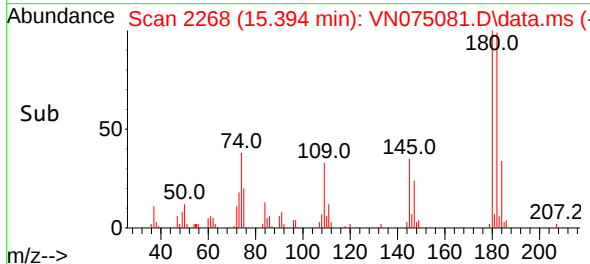
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



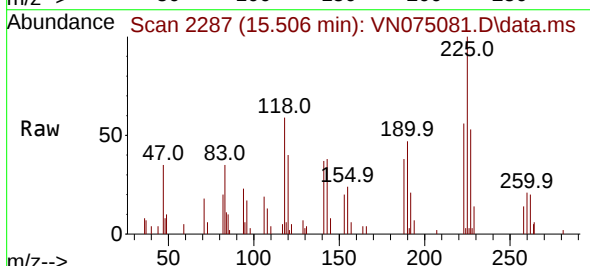
Tgt Ion:180 Resp: 24740
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.4
145 33.5 16.8 50.3

Manual Integrations
APPROVED

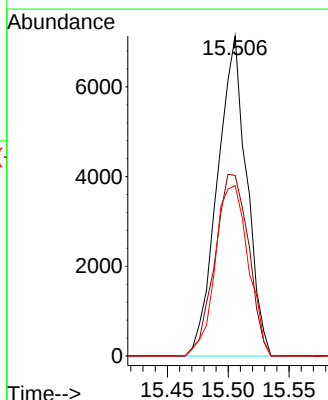
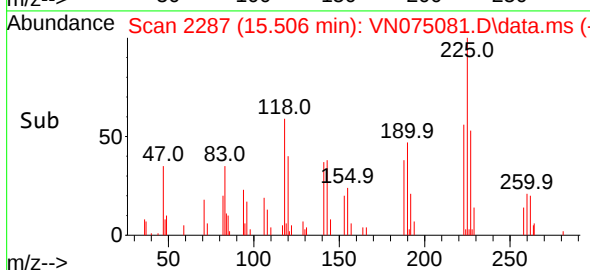
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

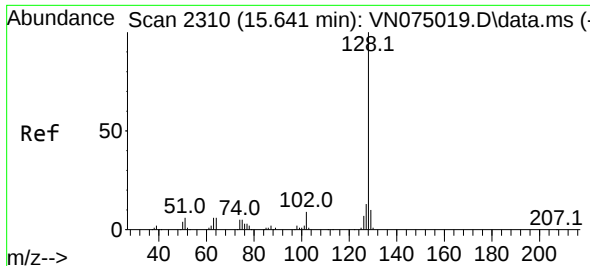


#94
Hexachlorobutadiene
Concen: 20.305 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48



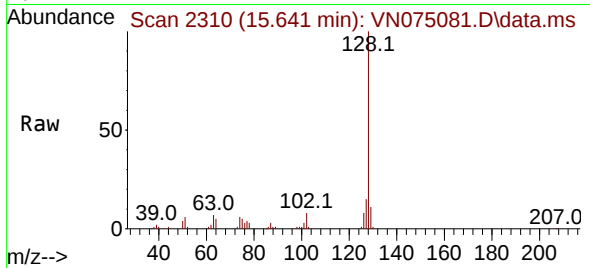
Tgt Ion:225 Resp: 11941
Ion Ratio Lower Upper
225 100
223 65.1 32.3 96.9
227 60.4 32.0 96.2





#95
Naphthalene
Concen: 19.854 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

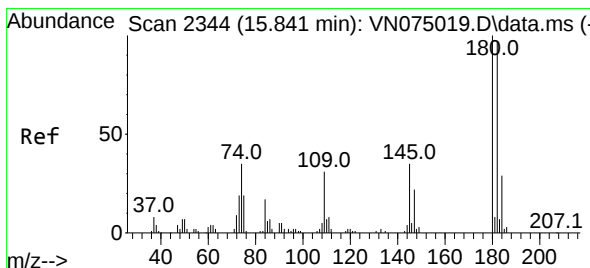
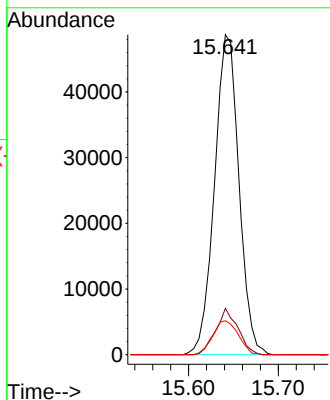
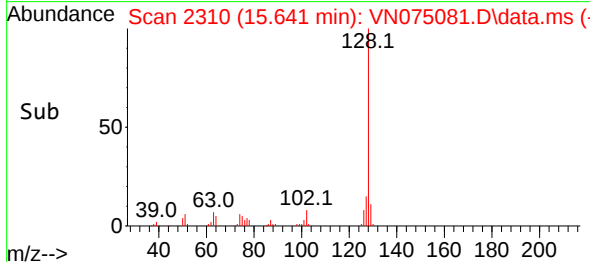
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBS01



Tgt Ion:128 Resp: 9210
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.233 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075081.D
Acq: 31 Oct 2022 12:48

Tgt Ion:180 Resp: 24252
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 33.9 17.6 52.9

