

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075204.D
 Acq On : 08 Nov 2022 12:07
 Operator : JC\MD
 Sample : VN1108WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBS01

Quant Time: Nov 09 01:30:36 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 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	100542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	190244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	173759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	69838	51.553	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.100%			
35) Dibromofluoromethane	8.171	113	58940	52.774	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	10.571	98	219000	50.542	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.847	95	75938	49.890	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	22480	17.187	ug/l	99
3) Chloromethane	2.371	50	22162	15.952	ug/l	99
4) Vinyl Chloride	2.524	62	33061	16.681	ug/l	98
5) Bromomethane	2.912	94	24562	13.793	ug/l	96
6) Chloroethane	3.089	64	25707	18.089	ug/l	96
7) Trichlorofluoromethane	3.483	101	40226	19.869	ug/l	98
8) Diethyl Ether	3.971	74	14344	19.424	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	22665	20.271	ug/l	100
10) Methyl Iodide	4.583	142	30932	18.583	ug/l	99
11) Tert butyl alcohol	5.553	59	27330	86.510	ug/l #	88
12) 1,1-Dichloroethene	4.336	96	19851	18.626	ug/l	91
13) Acrolein	4.189	56	15466	59.852	ug/l	100
14) Allyl chloride	5.030	41	29209	18.765	ug/l	97
15) Acrylonitrile	5.730	53	64700	96.950	ug/l	99
16) Acetone	4.436	43	56385	98.299	ug/l	95
17) Carbon Disulfide	4.712	76	42674	15.922	ug/l	98
18) Methyl Acetate	5.036	43	39167	20.904	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	77883	19.662	ug/l	97
20) Methylene Chloride	5.283	84	25927	20.272	ug/l #	94
21) trans-1,2-Dichloroethene	5.788	96	21755	18.643	ug/l	93
22) Diisopropyl ether	6.683	45	65581	19.092	ug/l	95
23) Vinyl Acetate	6.612	43	256704m	89.492	ug/l	
24) 1,1-Dichloroethane	6.571	63	42743	19.674	ug/l	97
25) 2-Butanone	7.494	43	84373	93.516	ug/l	99
26) 2,2-Dichloropropane	7.494	77	37137	18.581	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	27256	19.559	ug/l	98
28) Bromochloromethane	7.812	49	17165	18.743	ug/l	96
29) Tetrahydrofuran	7.841	42	54081	92.762	ug/l	97
30) Chloroform	7.971	83	45738	19.390	ug/l	90
31) Cyclohexane	8.259	56	36076	17.906	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	42038	19.625	ug/l	97
36) 1,1-Dichloropropene	8.377	75	32360	18.716	ug/l	99
37) Ethyl Acetate	7.565	43	32935	17.369	ug/l	97
38) Carbon Tetrachloride	8.365	117	36791	19.344	ug/l	99
39) Methylcyclohexane	9.600	83	39844	17.455	ug/l	97
40) Benzene	8.612	78	100950	19.068	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	16397	18.049	ug/l	96
42) 1,2-Dichloroethane	8.677	62	36669	19.038	ug/l	97
43) Isopropyl Acetate	8.694	43	51455	17.494	ug/l	97
44) Trichloroethene	9.353	130	25532	19.223	ug/l	88
45) 1,2-Dichloropropane	9.629	63	25408	20.167	ug/l #	86
46) Dibromomethane	9.712	93	17707	18.040	ug/l	96
47) Bromodichloromethane	9.888	83	36298	19.096	ug/l	96
48) Methyl methacrylate	9.682	41	22795	16.895	ug/l	95
49) 1,4-Dioxane	9.700	88	14270	403.900	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	172971	91.133	ug/l	100
52) Toluene	10.629	92	66811	18.879	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	36770	18.327	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	39440	18.534	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	27208	19.390	ug/l	95
56) Ethyl methacrylate	10.876	69	39535	18.471	ug/l	98
57) 1,3-Dichloropropane	11.165	76	45372	19.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	75361	91.072	ug/l	98
59) 2-Hexanone	11.194	43	129203	89.691	ug/l	100
60) Dibromochloromethane	11.359	129	27189	18.365	ug/l	95
61) 1,2-Dibromoethane	11.470	107	27081	18.832	ug/l	99
64) Tetrachloroethene	11.106	164	22412	21.038	ug/l	94
65) Chlorobenzene	11.888	112	70496	19.007	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	27420	19.929	ug/l	99
67) Ethyl Benzene	11.965	91	123879	18.565	ug/l	93
68) m/p-Xylenes	12.070	106	100560	37.558	ug/l	100
69) o-Xylene	12.400	106	48213	18.208	ug/l	100
70) Styrene	12.412	104	78881	18.683	ug/l	99
71) Bromoform	12.576	173	18476	17.936	ug/l #	98
73) Isopropylbenzene	12.694	105	127807	19.550	ug/l	99
74) N-amyl acetate	12.494	43	43871	18.144	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	42035	20.002	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	37011m	21.406	ug/l	
77) Bromobenzene	12.982	156	27787	19.304	ug/l	96
78) n-propylbenzene	13.035	91	146622	19.976	ug/l	98
79) 2-Chlorotoluene	13.123	91	88050	19.631	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	108397	19.741	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	11219m	16.656	ug/l	
82) 4-Chlorotoluene	13.123	91	88050	19.631	ug/l	98
83) tert-Butylbenzene	13.441	119	95194	19.511	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	108146	19.466	ug/l	99
85) sec-Butylbenzene	13.617	105	133693	19.588	ug/l	99
86) p-Isopropyltoluene	13.729	119	110607	19.622	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	54717	19.414	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	55501	19.898	ug/l	98
89) n-Butylbenzene	14.059	91	88568	19.511	ug/l	100
90) Hexachloroethane	14.335	117	18786	18.177	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	56317	20.099	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8028	18.205	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	24650	20.444	ug/l	98
94) Hexachlorobutadiene	15.500	225	11852	20.164	ug/l	97
95) Naphthalene	15.641	128	86554	18.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23502	19.618	ug/l	96

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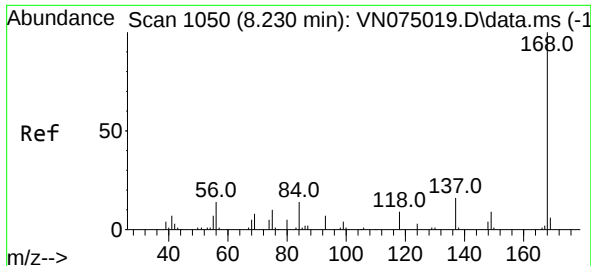
Manual Integrations
APPROVED

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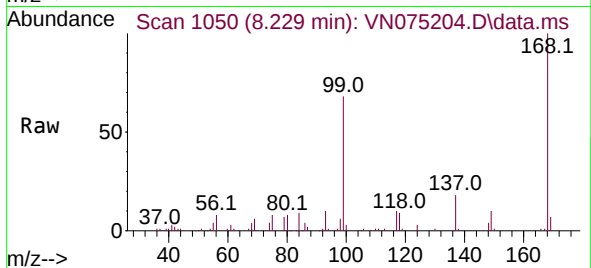
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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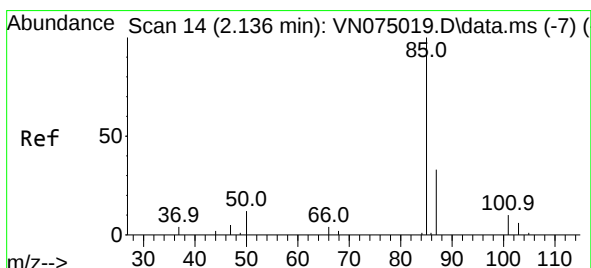
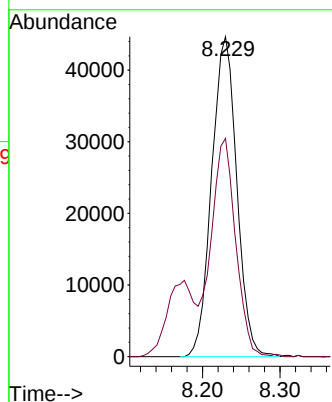
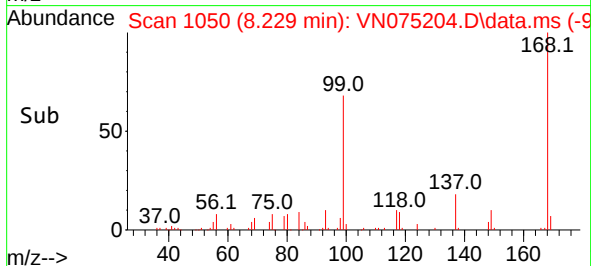
Instrument :
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ClientSampleId :
VN1108WBS01



Tgt Ion:168 Resp: 100542
Ion Ratio Lower Upper
168 100
99 67.7 51.6 77.4

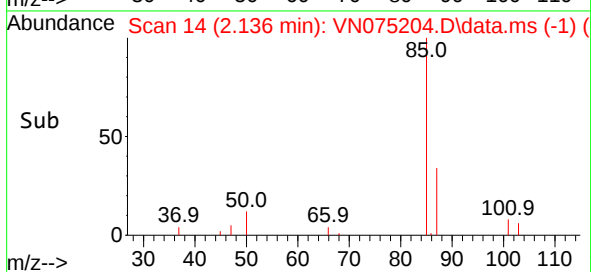
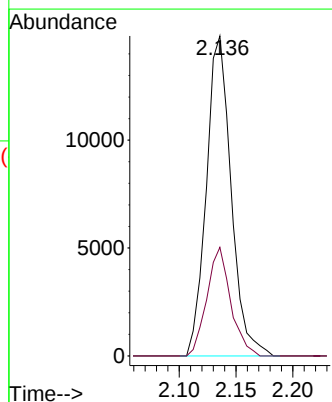
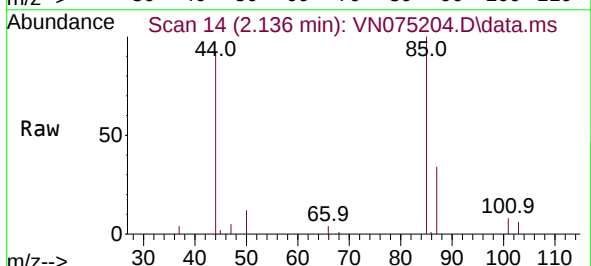
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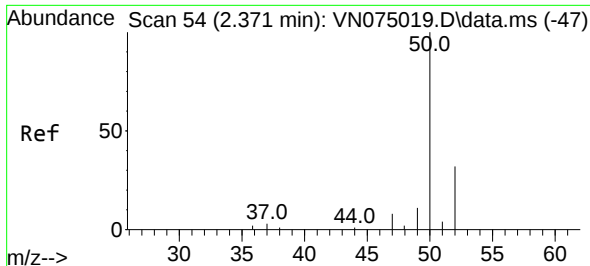
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#2
Dichlorodifluoromethane
Concen: 17.187 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

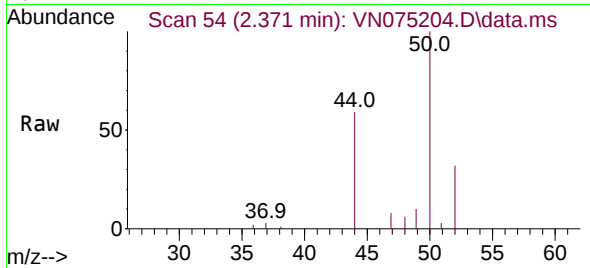
Tgt Ion: 85 Resp: 22480
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.0





#3
Chloromethane
Concen: 15.952 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

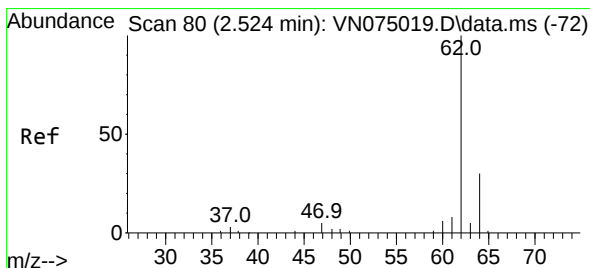
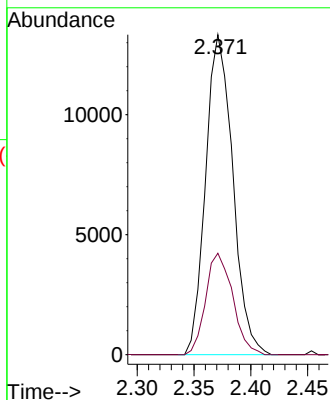
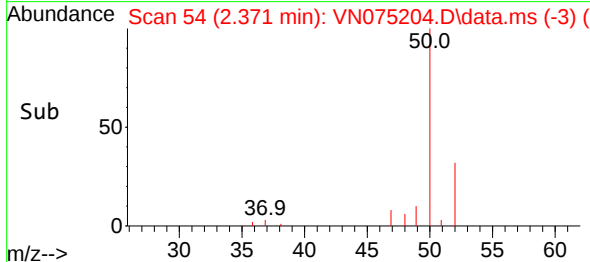
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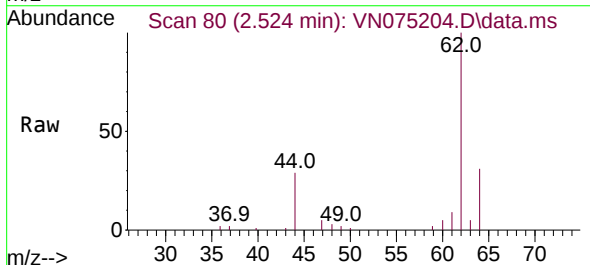
Tgt Ion: 50 Resp: 22162
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.6

Manual Integrations
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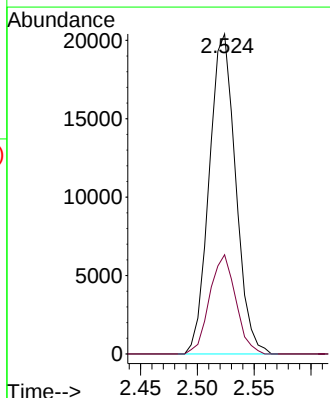
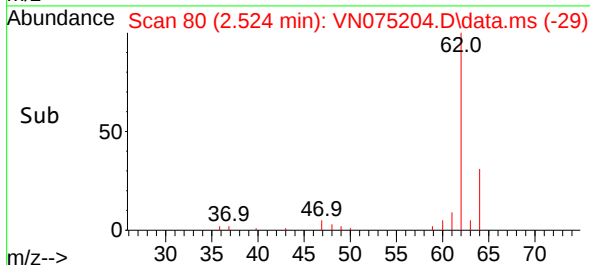
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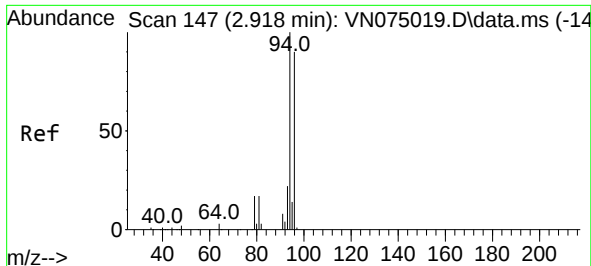


#4
Vinyl Chloride
Concen: 16.681 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



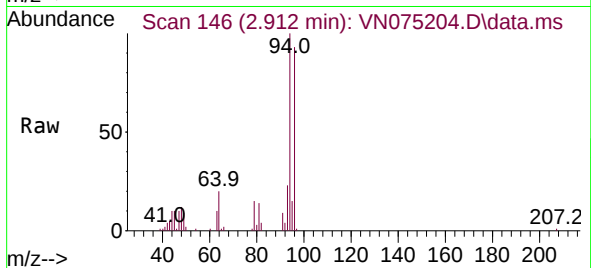
Tgt Ion: 62 Resp: 33061
Ion Ratio Lower Upper
62 100
64 31.0 24.0 36.0





#5
Bromomethane
Concen: 13.793 ug/l
RT: 2.912 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

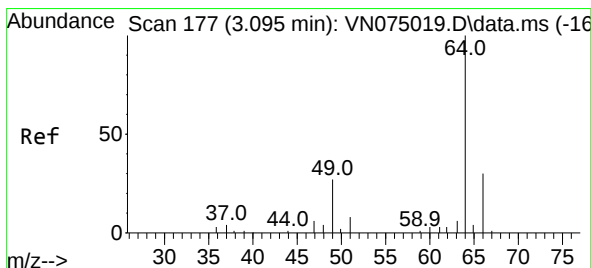
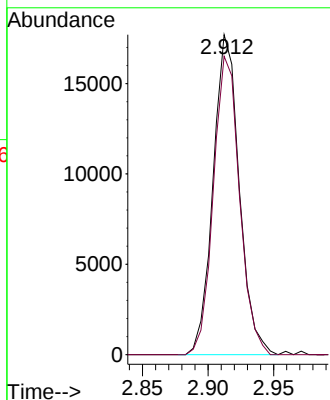
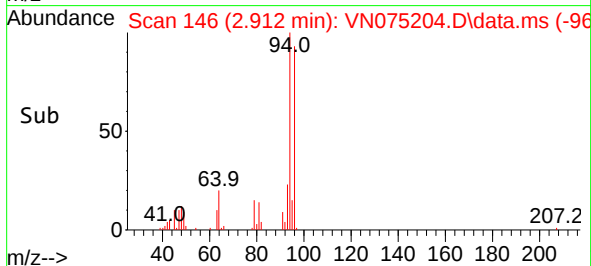
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Tgt Ion: 94 Resp: 24562
Ion Ratio Lower Upper
94 100
96 93.2 71.8 107.6

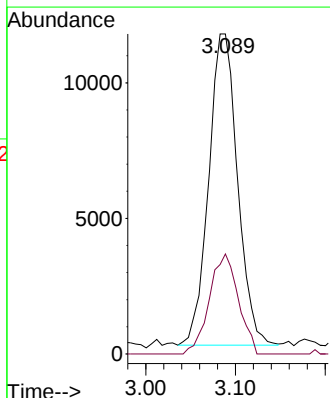
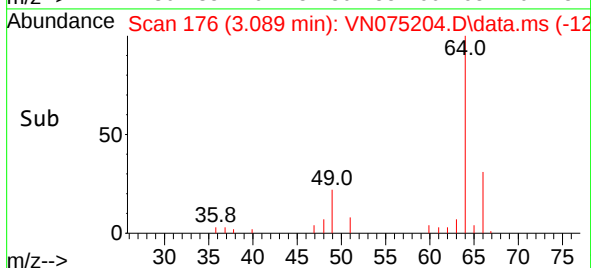
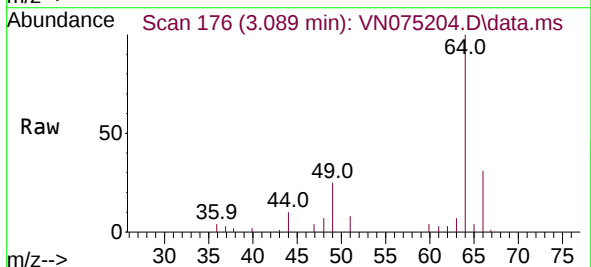
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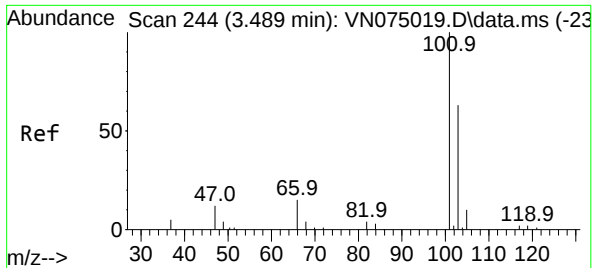
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#6
Chloroethane
Concen: 18.089 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN075204.D
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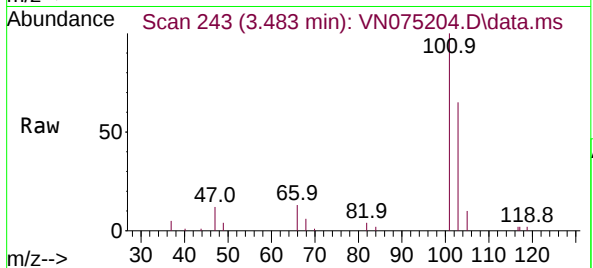
Tgt Ion: 64 Resp: 25707
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.8





#7
Trichlorofluoromethane
Concen: 19.869 ug/l
RT: 3.483 min Scan# 244
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

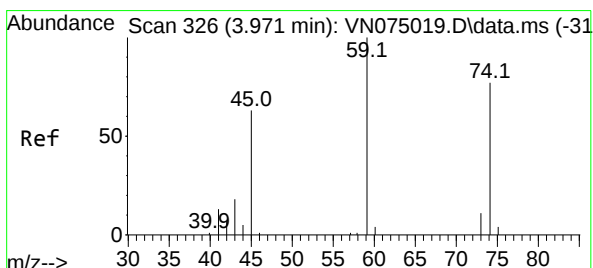
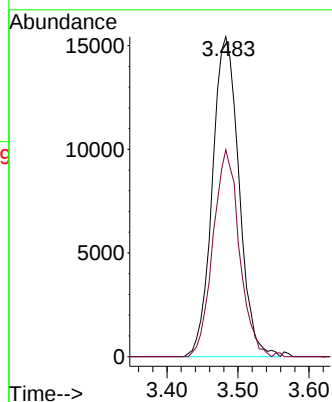
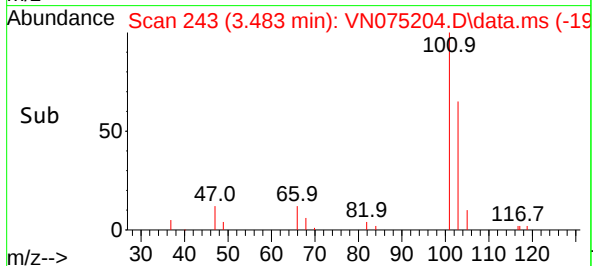
Instrument :
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VN1108WBS01



Tgt Ion:101 Resp: 40226
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7

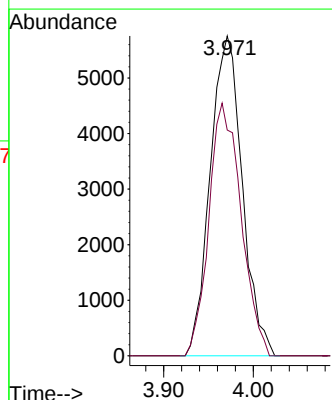
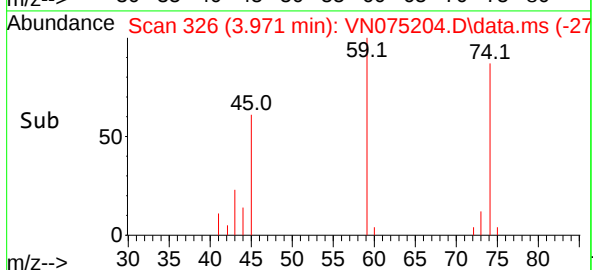
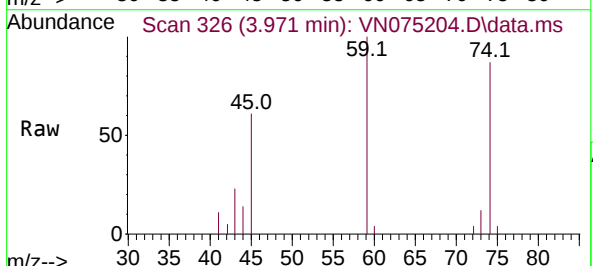
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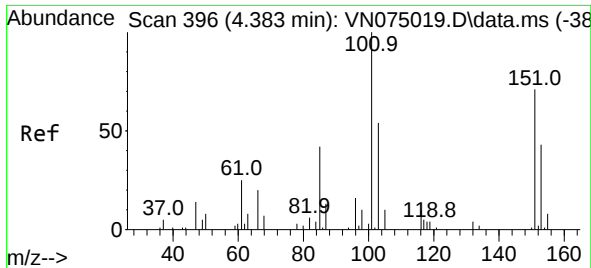
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#8
Diethyl Ether
Concen: 19.424 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN075204.D
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Tgt Ion: 74 Resp: 14344
Ion Ratio Lower Upper
74 100
45 79.2 39.3 117.9





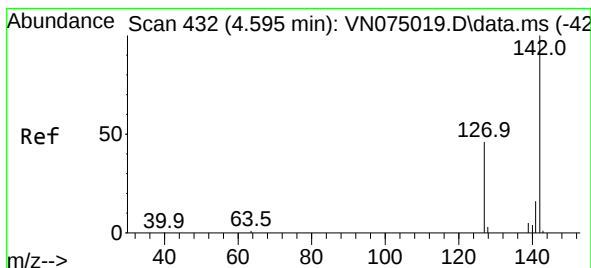
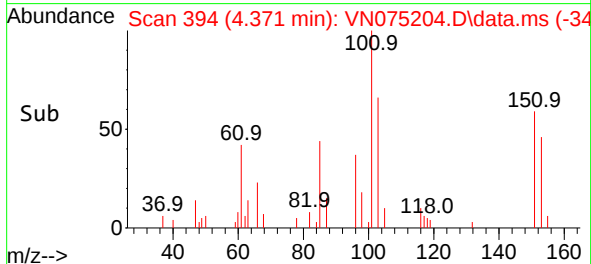
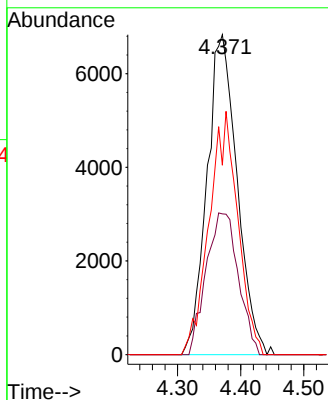
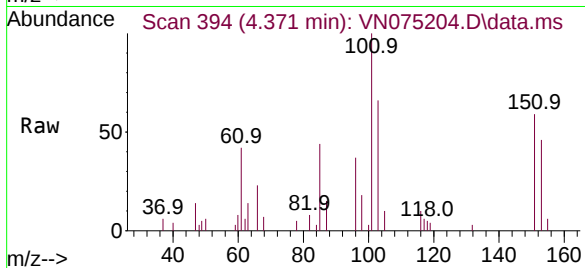
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.271 ug/l
RT: 4.371 min Scan# 396
Delta R.T. -0.012 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion:101 Resp: 22665
Ion Ratio Lower Upper
101 100
85 47.3 37.6 56.4
151 72.5 58.3 87.5

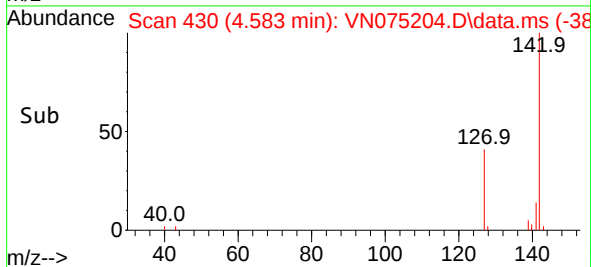
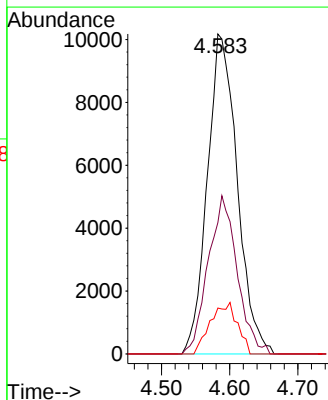
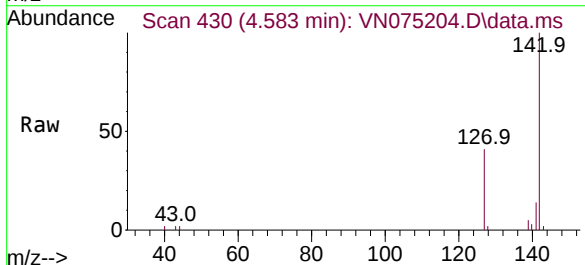
Manual Integrations
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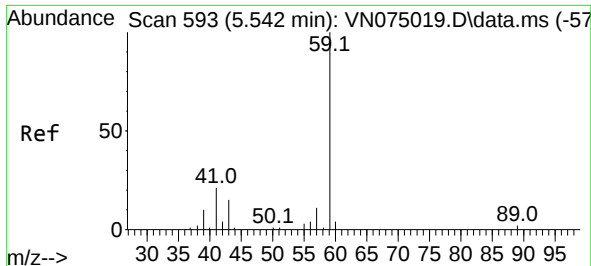
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#10
Methyl Iodide
Concen: 18.583 ug/l
RT: 4.583 min Scan# 430
Delta R.T. -0.012 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Tgt Ion:142 Resp: 30932
Ion Ratio Lower Upper
142 100
127 47.9 38.0 57.0
141 14.4 12.2 18.4





#11

Tert butyl alcohol

Concen: 86.510 ug/l

RT: 5.553 min Scan# 59

Delta R.T. 0.011 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 59 Resp: 27330

Ion Ratio Lower Upper

59 100

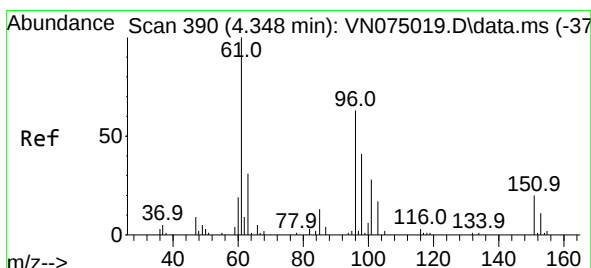
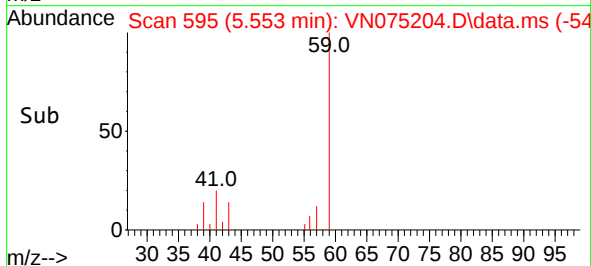
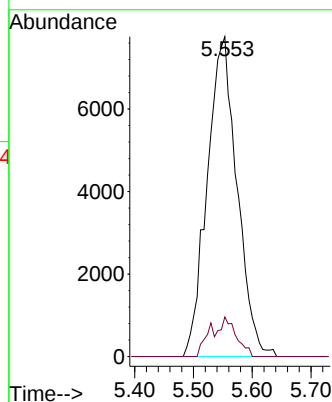
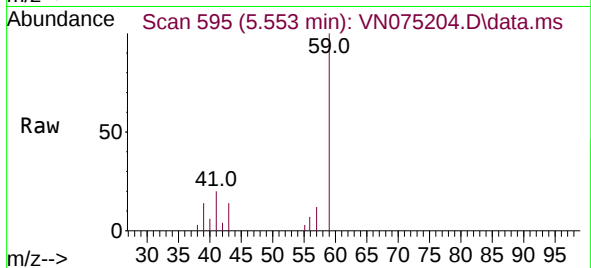
57 6.2 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#12

1,1-Dichloroethene

Concen: 18.626 ug/l

RT: 4.336 min Scan# 388

Delta R.T. -0.012 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

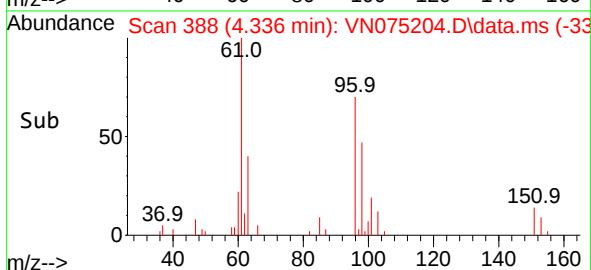
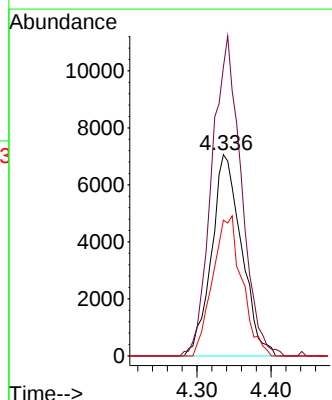
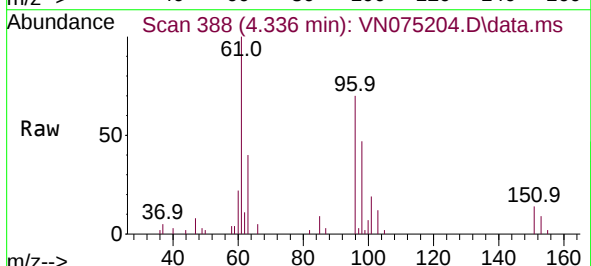
Tgt Ion: 96 Resp: 19851

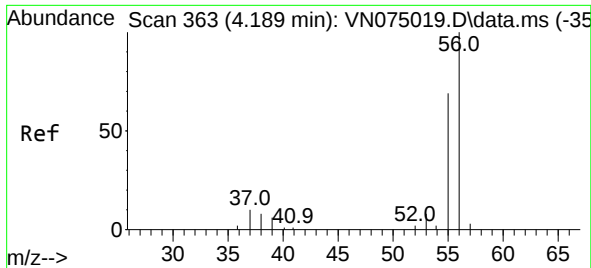
Ion Ratio Lower Upper

96 100

61 143.6 126.2 189.4

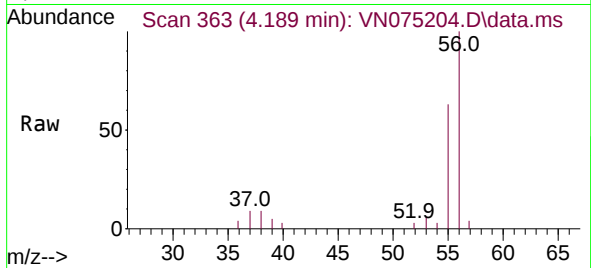
98 67.5 51.5 77.3





#13
Acrolein
Concen: 59.852 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

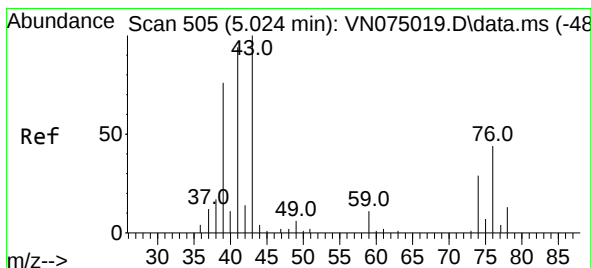
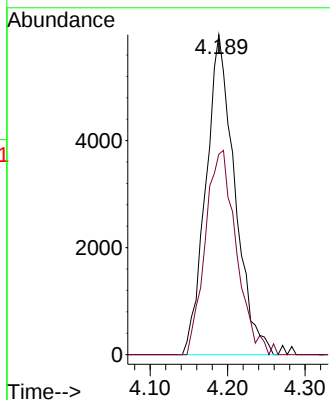
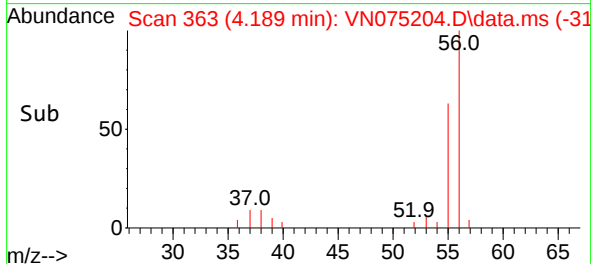
Instrument :
MSVOA_N
Client Sample Id :
VN1108WBS01



Tgt Ion: 56 Resp: 15466
Ion Ratio Lower Upper
56 100
55 68.7 55.2 82.8

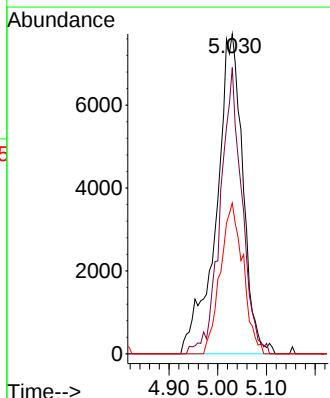
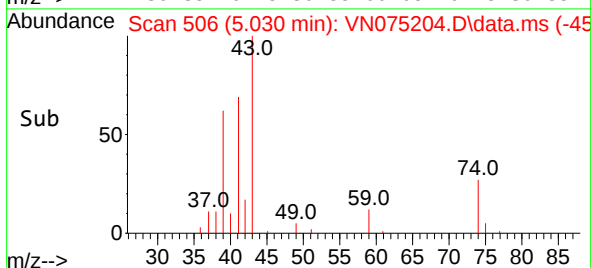
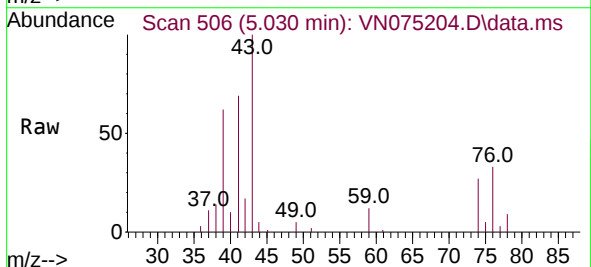
Manual Integrations
APPROVED

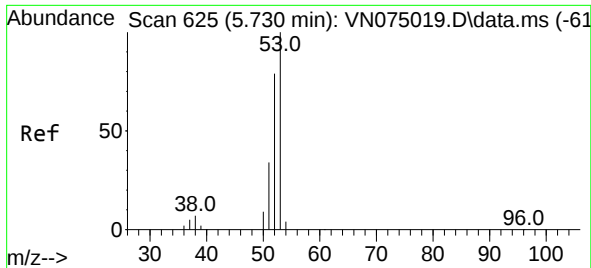
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#14
Allyl chloride
Concen: 18.765 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

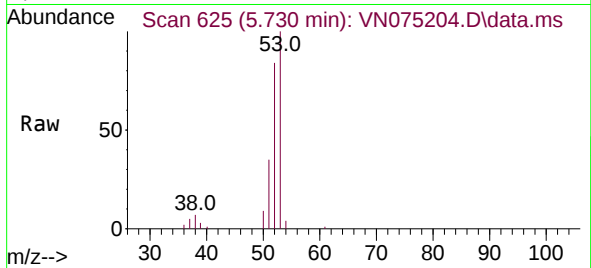
Tgt Ion: 41 Resp: 29209
Ion Ratio Lower Upper
41 100
39 72.8 61.0 91.4
76 40.2 33.4 50.0





#15
Acrylonitrile
Concen: 96.950 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

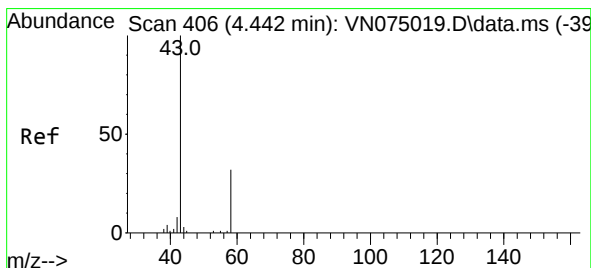
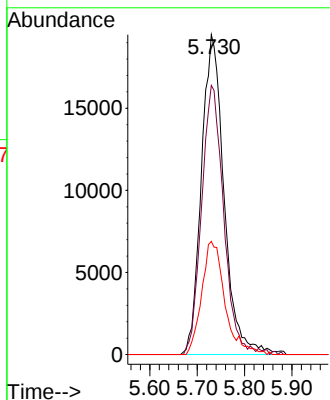
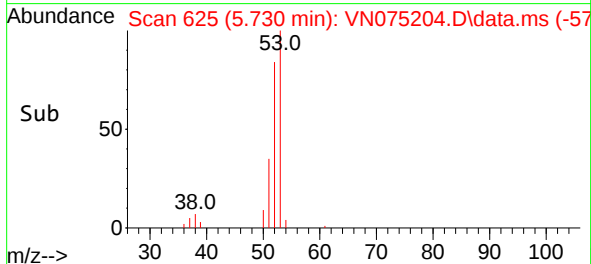
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 53 Resp: 64700
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 36.4 29.6 44.4

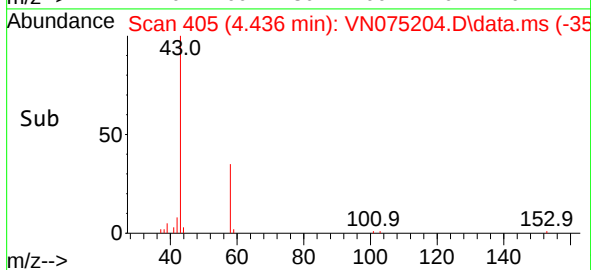
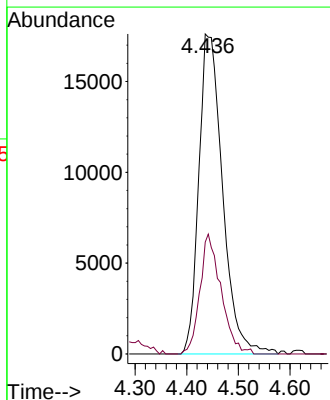
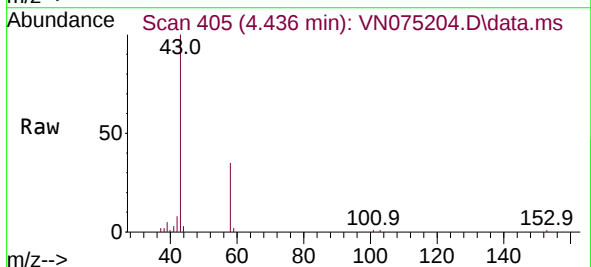
Manual Integrations
APPROVED

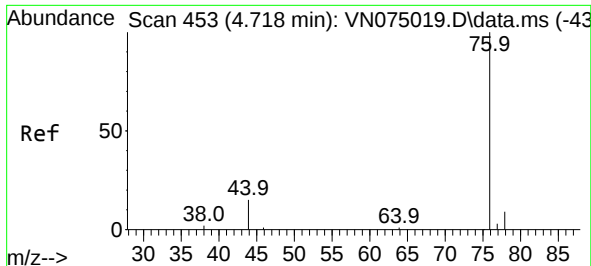
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#16
Acetone
Concen: 98.299 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

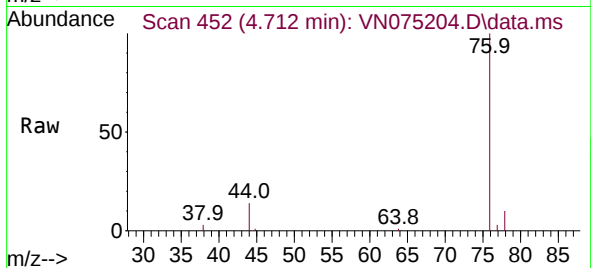
Tgt Ion: 43 Resp: 56385
Ion Ratio Lower Upper
43 100
58 34.9 25.5 38.3





#17
Carbon Disulfide
Concen: 15.922 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

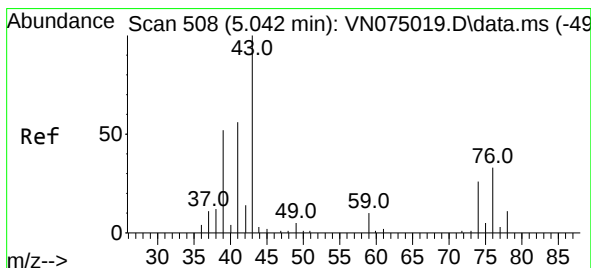
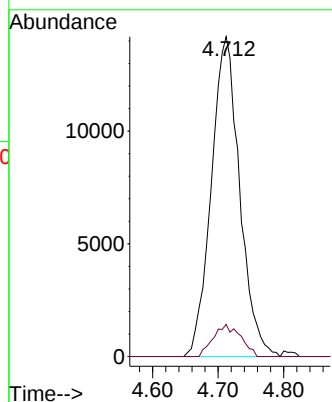
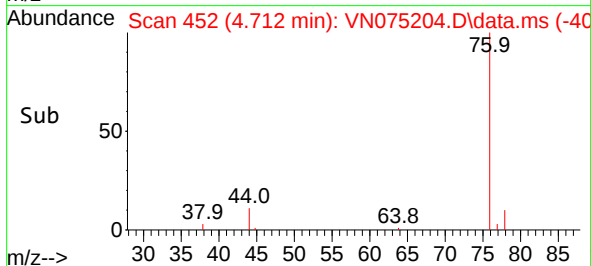
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



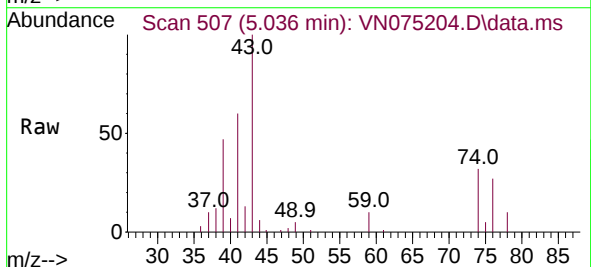
Tgt Ion: 76 Resp: 42674
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.2

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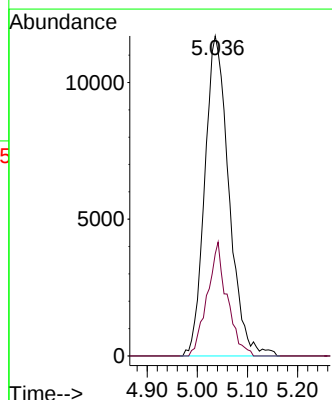
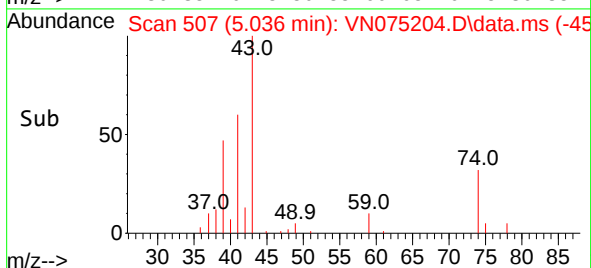
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

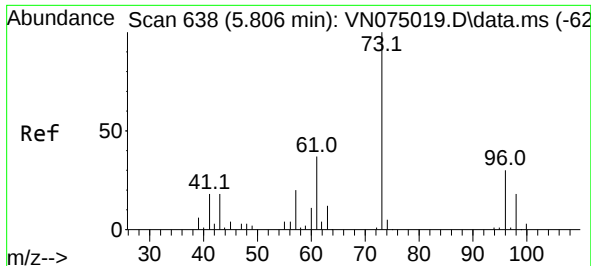


#18
Methyl Acetate
Concen: 20.904 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



Tgt Ion: 43 Resp: 39167
Ion Ratio Lower Upper
43 100
74 29.4 22.0 33.0





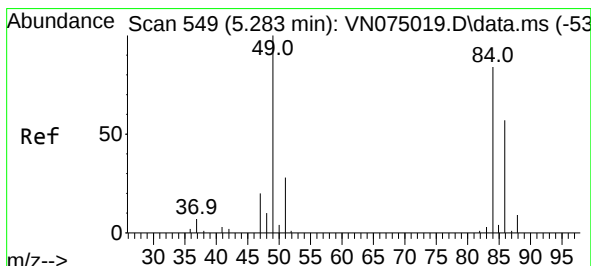
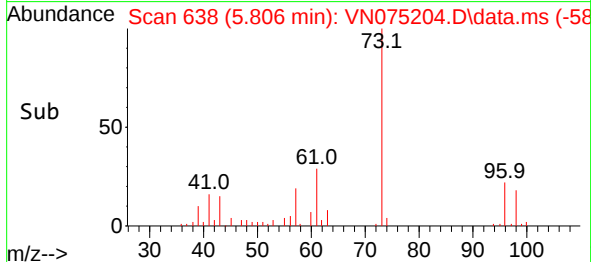
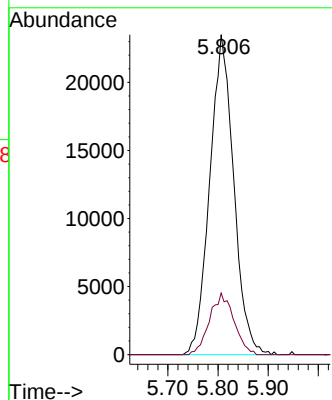
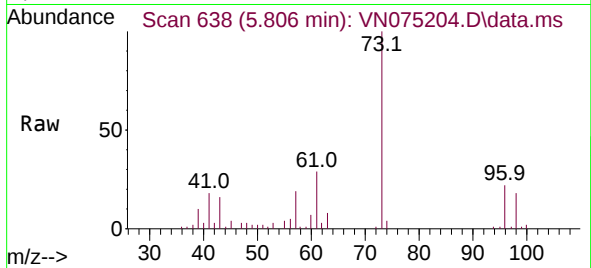
#19
Methyl tert-butyl Ether
Concen: 19.662 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion: 73 Resp: 7788
Ion Ratio Lower Upper
73 100
57 19.2 16.3 24.5

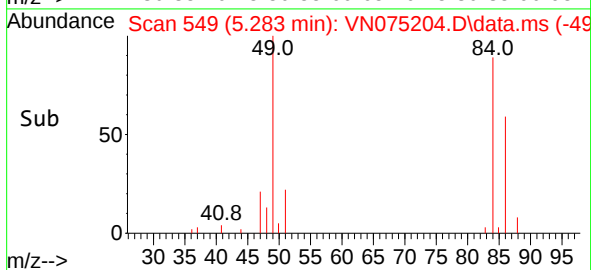
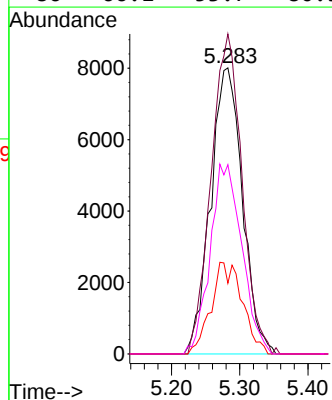
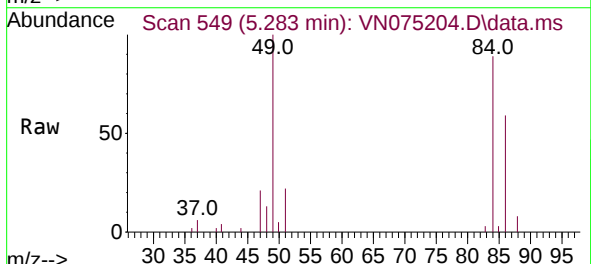
Manual Integrations
APPROVED

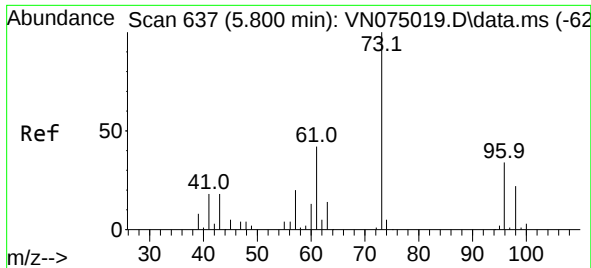
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#20
Methylene Chloride
Concen: 20.272 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Tgt Ion: 84 Resp: 25927
Ion Ratio Lower Upper
84 100
49 111.9 94.9 142.3
51 24.7 26.8 40.2#
86 66.1 53.7 80.5





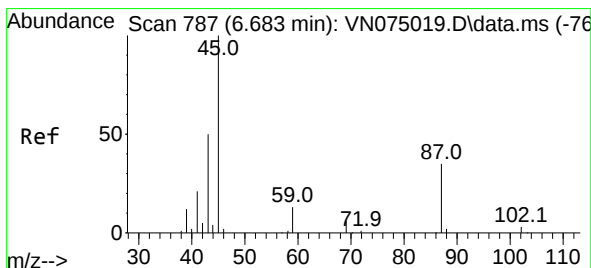
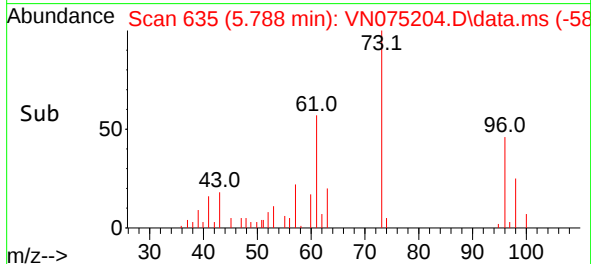
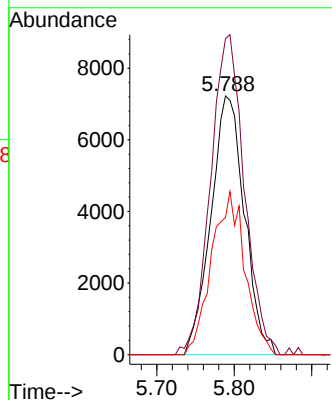
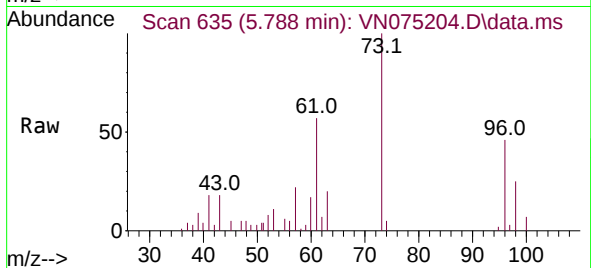
#21
trans-1,2-Dichloroethene
Concen: 18.643 ug/l
RT: 5.788 min Scan# 637
Delta R.T. -0.012 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion: 96 Resp: 2175
Ion Ratio Lower Upper
96 100
61 122.1 99.9 149.9
98 53.0 51.5 77.3

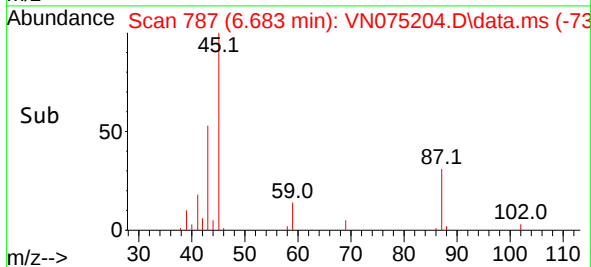
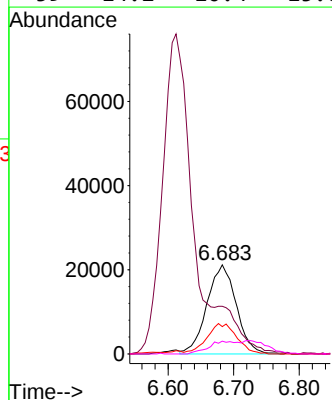
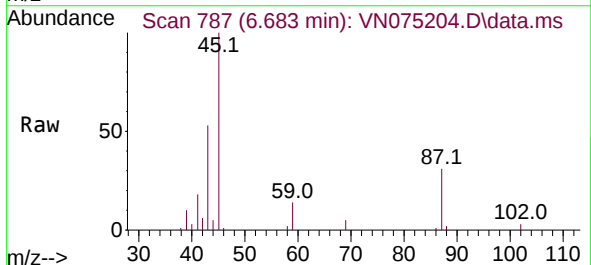
Manual Integrations
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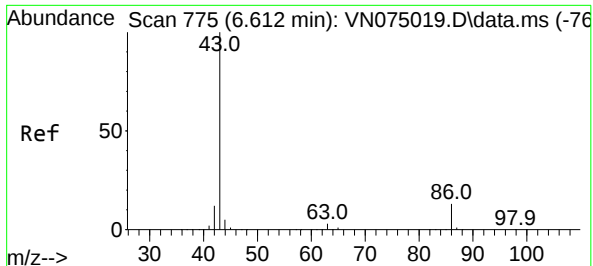
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#22
Diisopropyl ether
Concen: 19.092 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Tgt Ion: 45 Resp: 65581
Ion Ratio Lower Upper
45 100
43 51.1 42.8 64.2
87 30.7 28.4 42.6
59 14.2 10.4 15.6





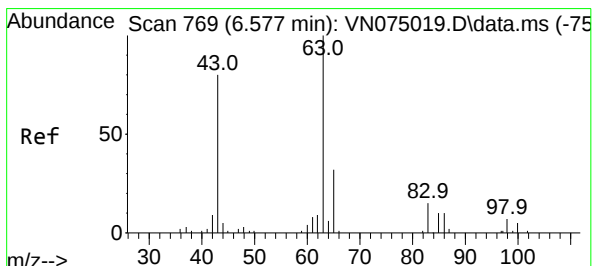
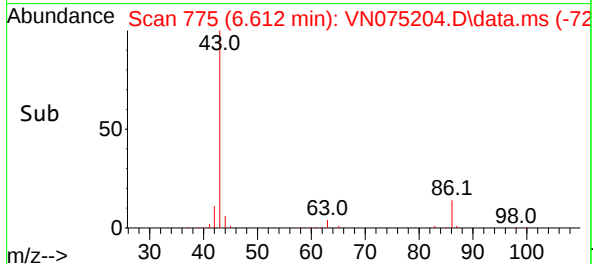
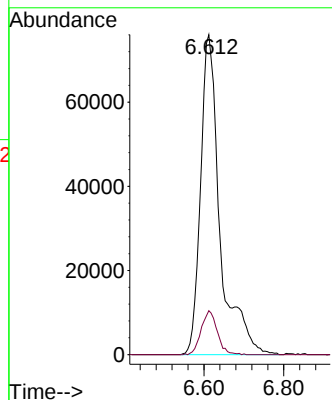
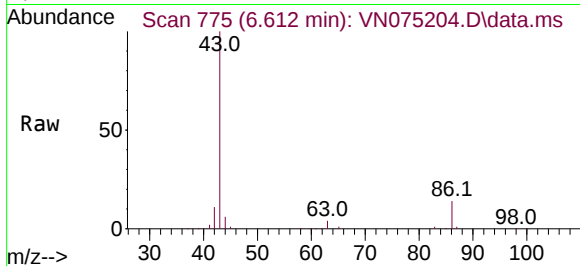
#23
 Vinyl Acetate
 Concen: 89.492 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075204.D
 Acq: 08 Nov 2022 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBS01

Tgt Ion: 43 Resp: 256704
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.7 16.1

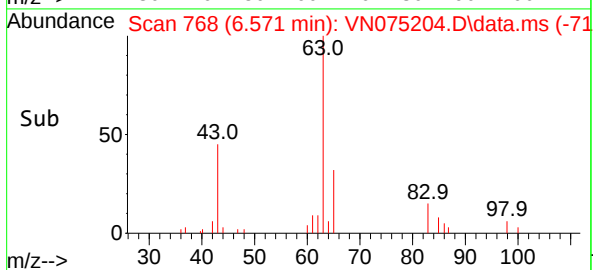
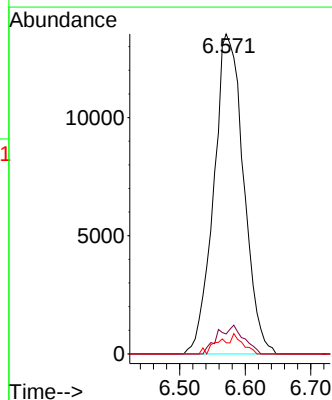
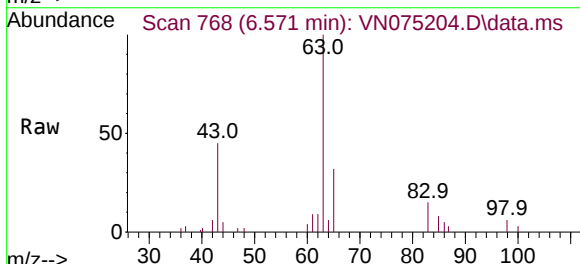
Manual Integrations
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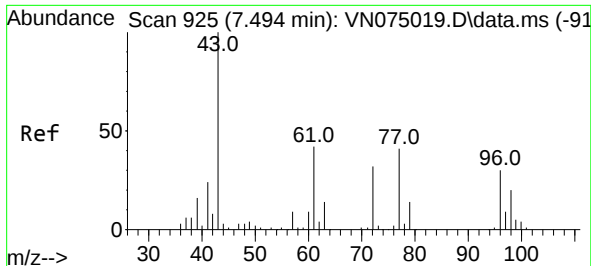
Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#24
 1,1-Dichloroethane
 Concen: 19.674 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075204.D
 Acq: 08 Nov 2022 12:07

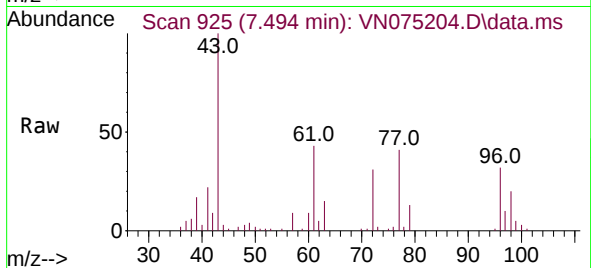
Tgt Ion: 63 Resp: 42743
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.8
 100 3.5 2.4 7.2





#25
2-Butanone
Concen: 93.516 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

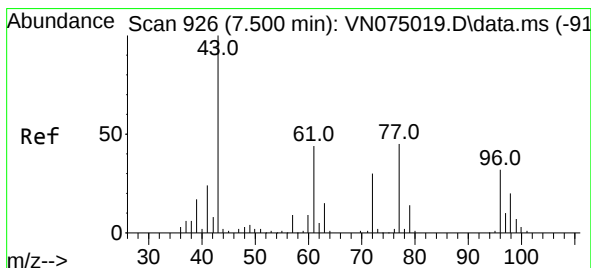
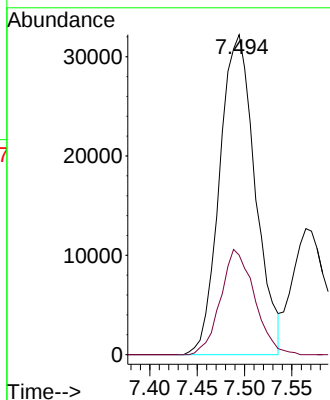
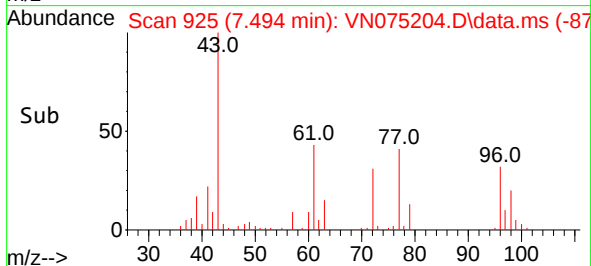
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



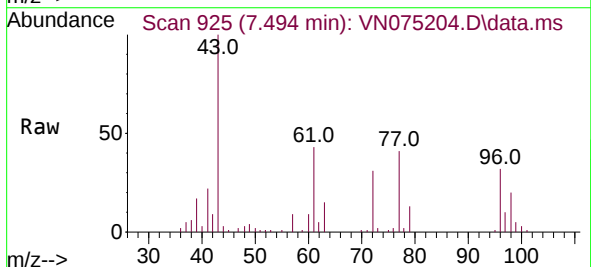
Tgt Ion: 43 Resp: 84373
Ion Ratio Lower Upper
43 100
72 31.1 25.5 38.3

Manual Integrations
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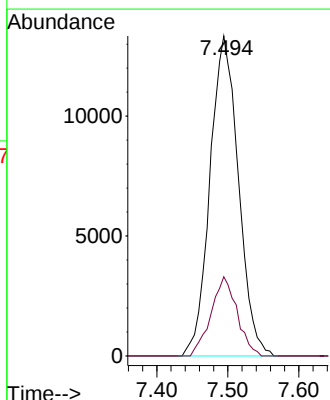
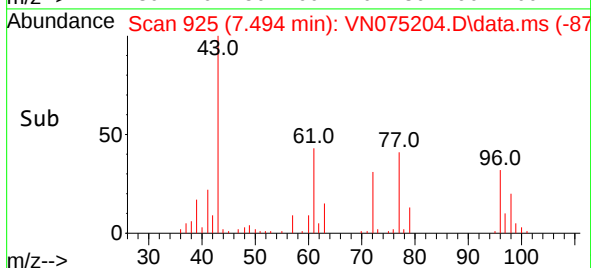
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

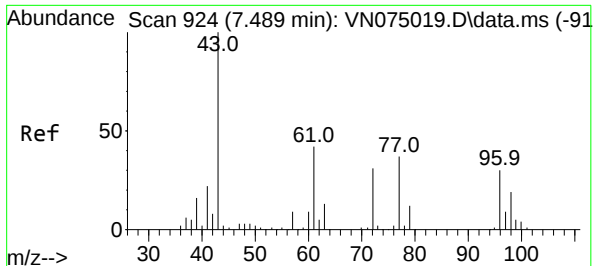


#26
2,2-Dichloropropane
Concen: 18.581 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



Tgt Ion: 77 Resp: 37137
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.559 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

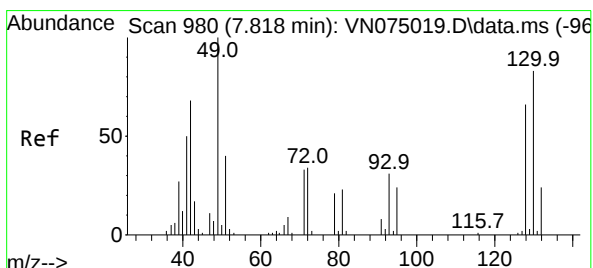
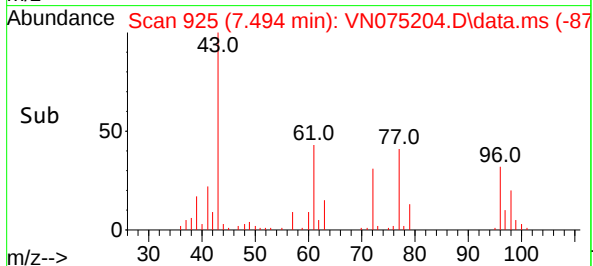
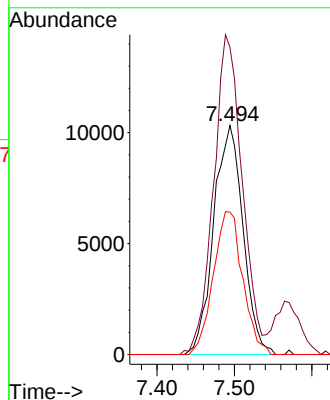
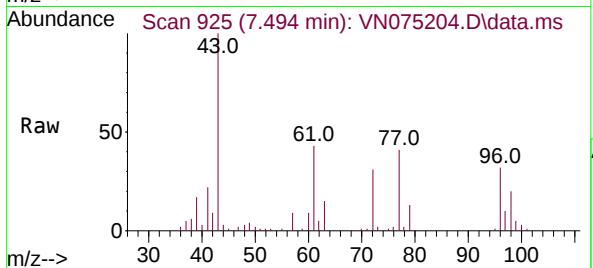
Tgt Ion: 96 Resp: 27256
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 278.8
 98 62.5 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#28

Bromochloromethane

Concen: 18.743 ug/l

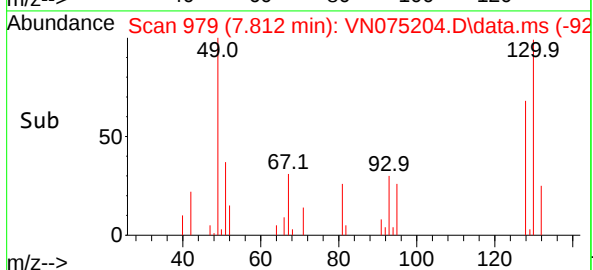
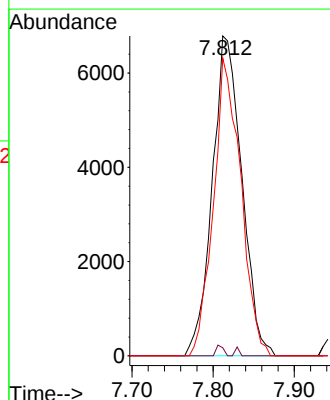
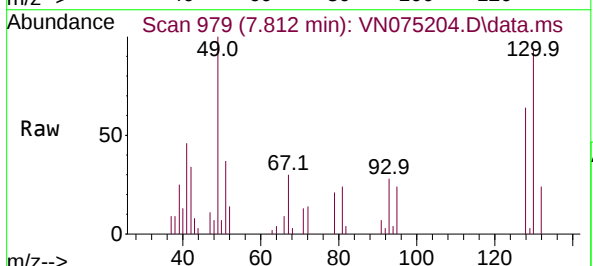
RT: 7.812 min Scan# 979

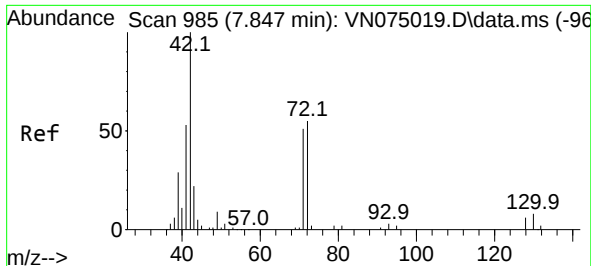
Delta R.T. -0.006 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

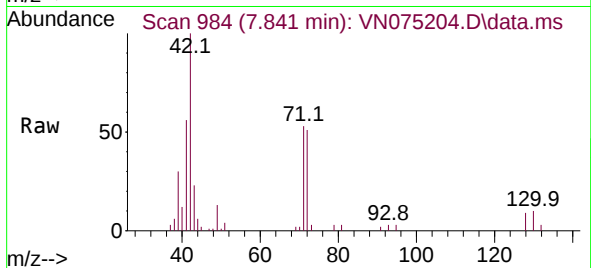
Tgt Ion: 49 Resp: 17165
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.6
 130 86.0 66.2 99.4





#29
Tetrahydrofuran
Concen: 92.762 ug/l
RT: 7.841 min Scan# 985
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

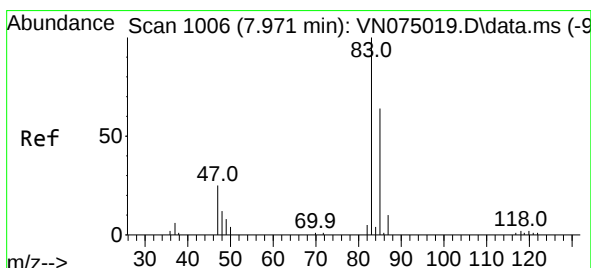
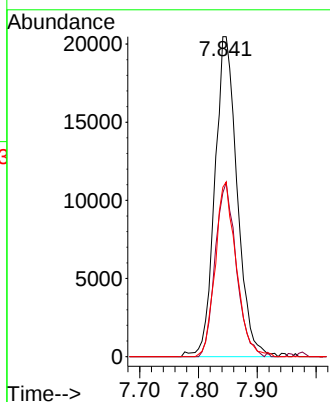
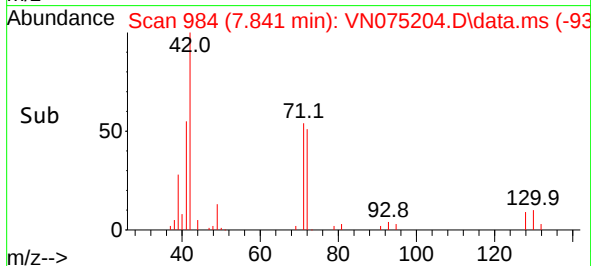
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



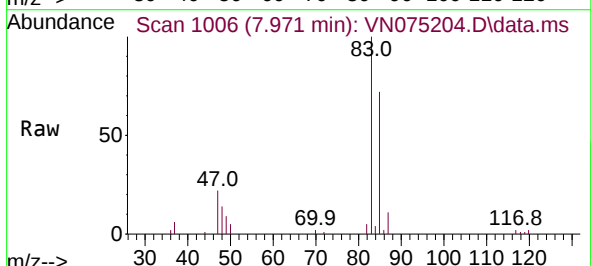
Tgt Ion: 42 Resp: 5408
Ion Ratio Lower Upper
42 100
72 51.3 43.0 64.6
71 51.3 39.9 59.9

Manual Integrations
APPROVED

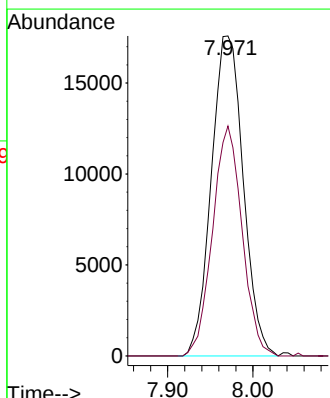
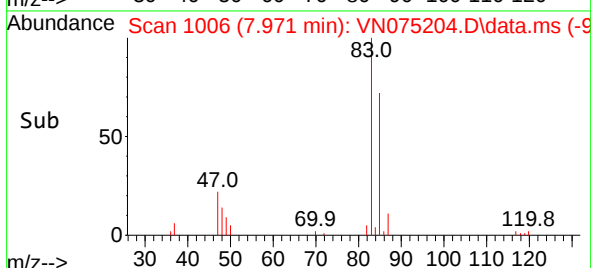
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

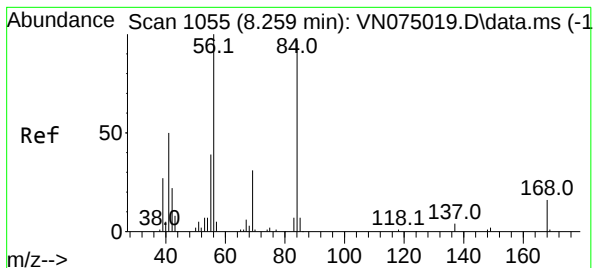


#30
Chloroform
Concen: 19.390 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



Tgt Ion: 83 Resp: 45738
Ion Ratio Lower Upper
83 100
85 71.8 51.4 77.0





#31

Cyclohexane

Concen: 17.906 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 56 Resp: 36076

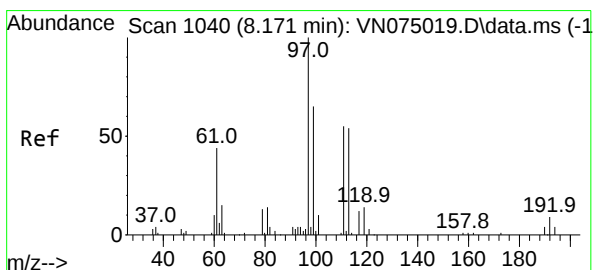
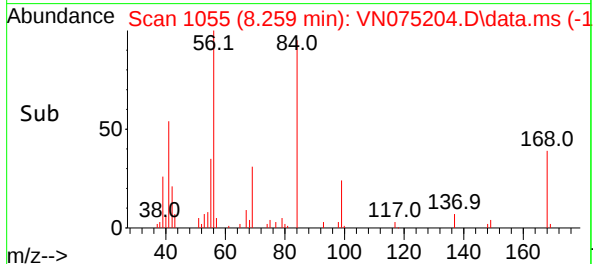
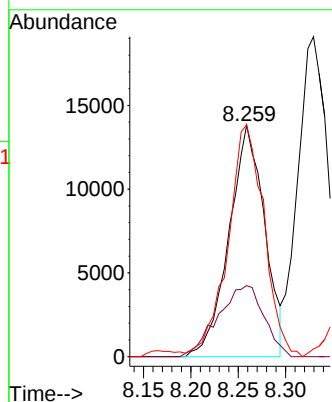
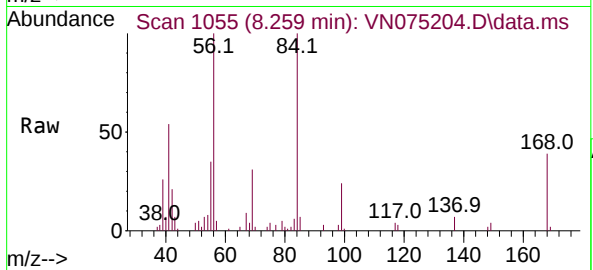
Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.2	37.8
84	98.3	77.8	116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#32

1,1,1-Trichloroethane

Concen: 19.625 ug/l

RT: 8.177 min Scan# 1041

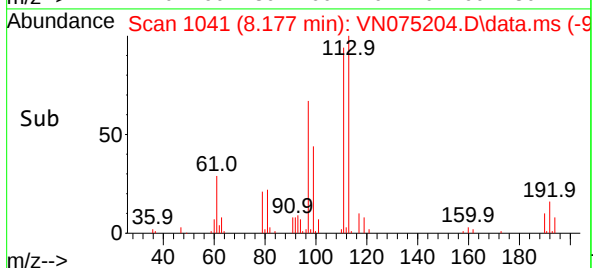
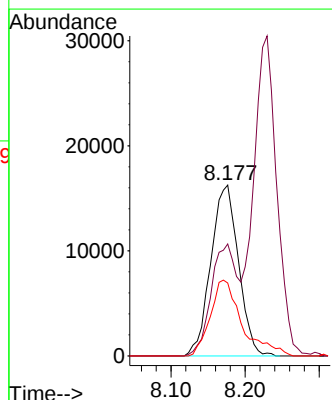
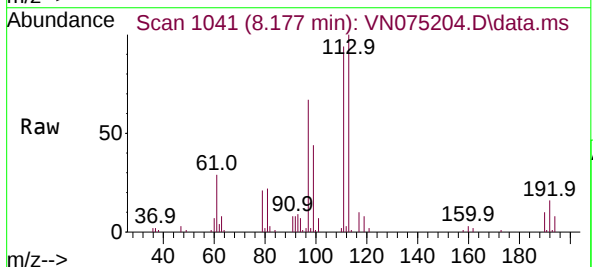
Delta R.T. 0.006 min

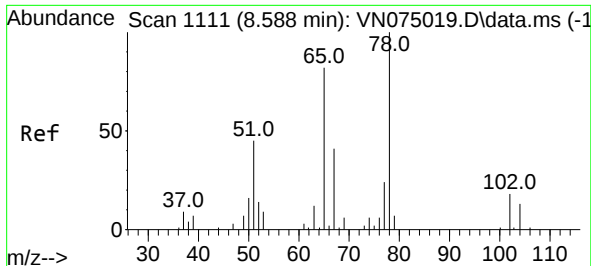
Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Tgt Ion: 97 Resp: 42038

Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.2	75.2
61	50.9	37.0	55.6





#33

1,2-Dichloroethane-d4

Concen: 51.553 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 65 Resp: 69838

Ion Ratio Lower Upper

65 100

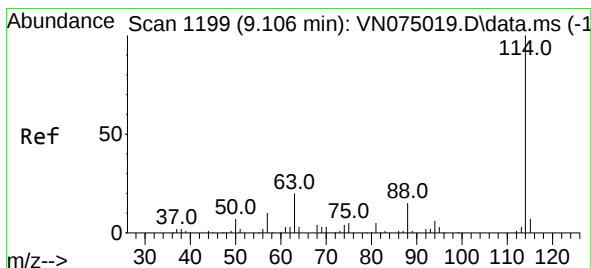
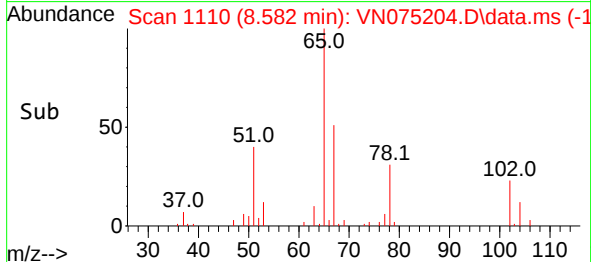
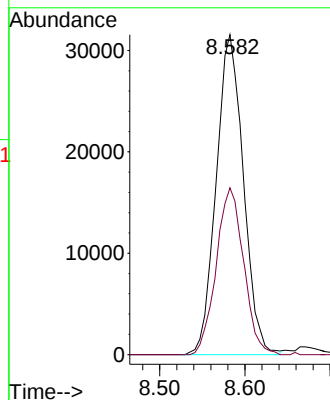
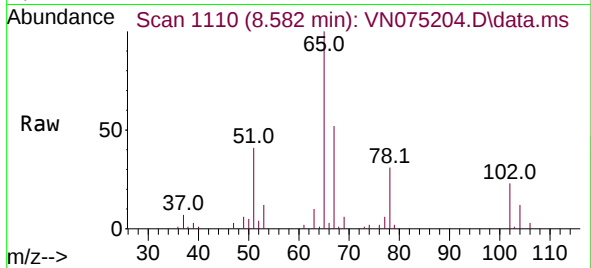
67 52.5 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

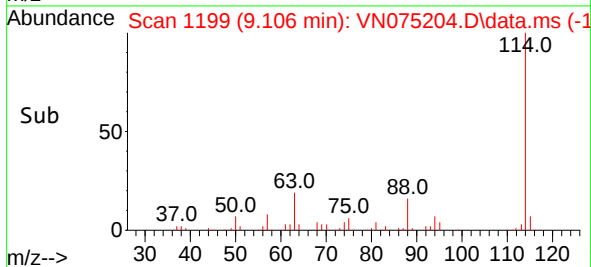
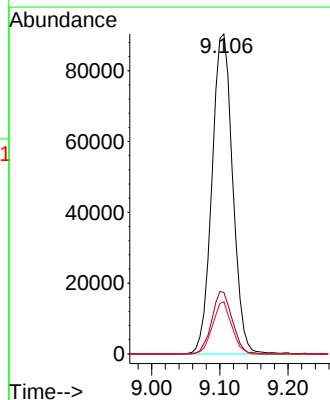
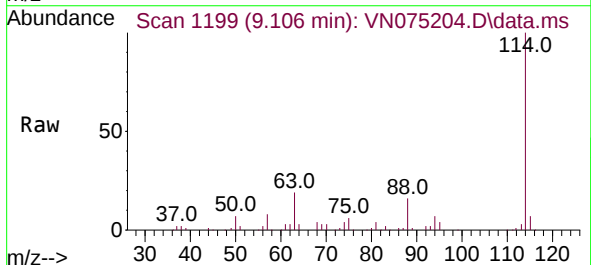
Tgt Ion:114 Resp: 190244

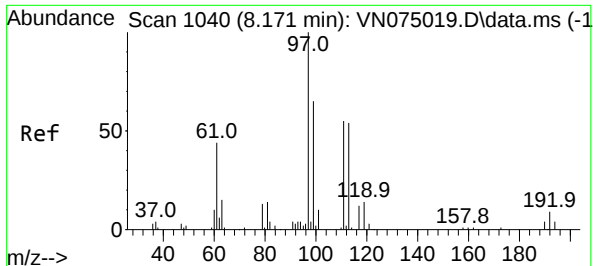
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 16.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.774 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 113 Resp: 58940

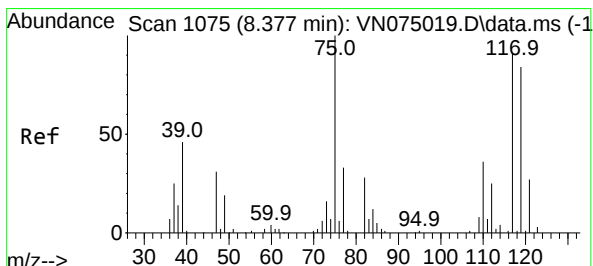
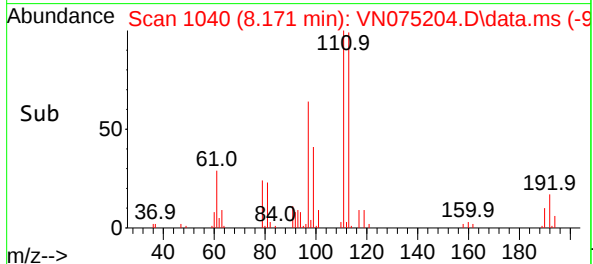
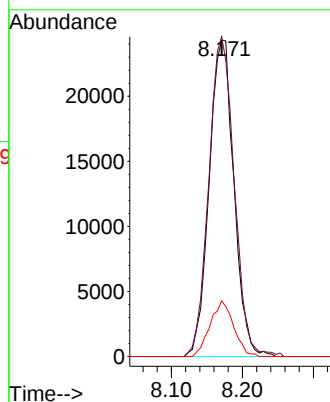
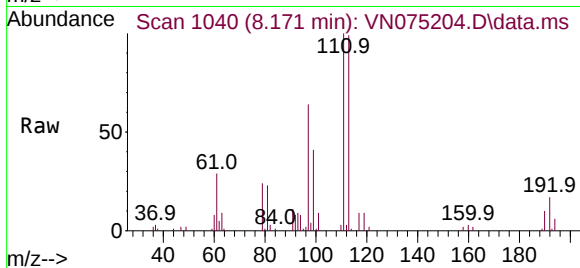
Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.5	120.7
192	16.8	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#36

1,1-Dichloropropene

Concen: 18.716 ug/l

RT: 8.377 min Scan# 1075

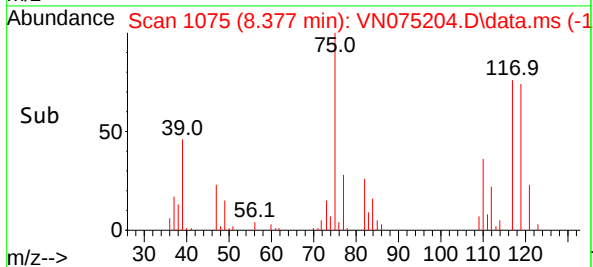
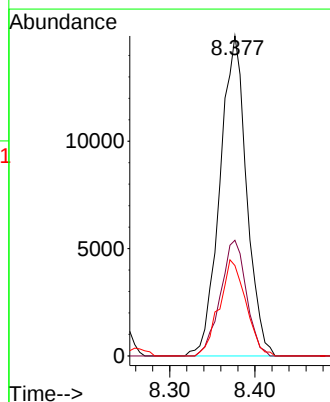
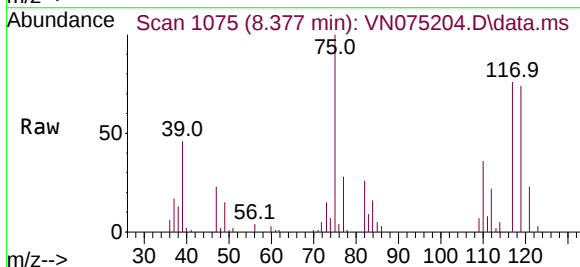
Delta R.T. -0.000 min

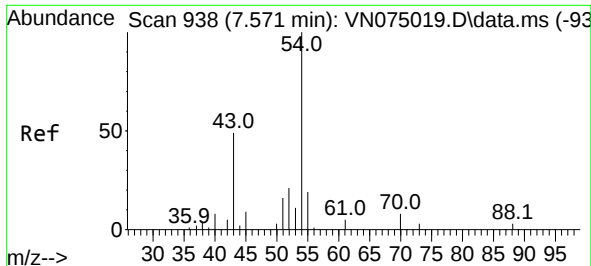
Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Tgt Ion: 75 Resp: 32360

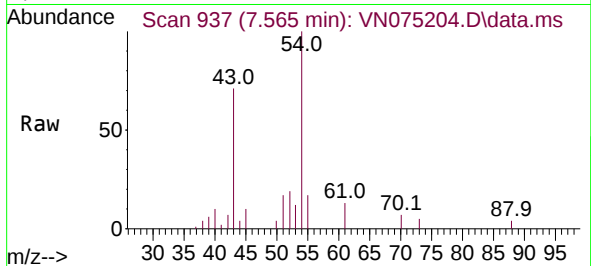
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.8	53.3
77	29.9	24.6	37.0





#37
Ethyl Acetate
Concen: 17.369 ug/l
RT: 7.565 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

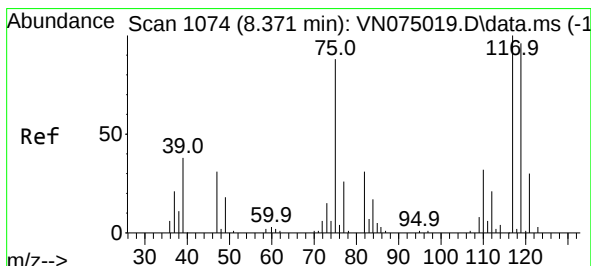
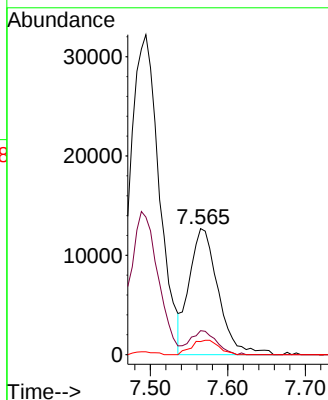
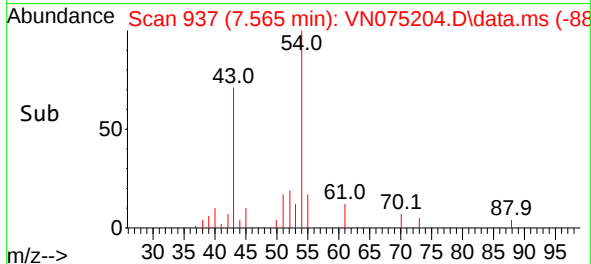
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 43 Resp: 32935
Ion Ratio Lower Upper
43 100
61 16.5 12.2 18.4
70 10.6 9.4 14.2

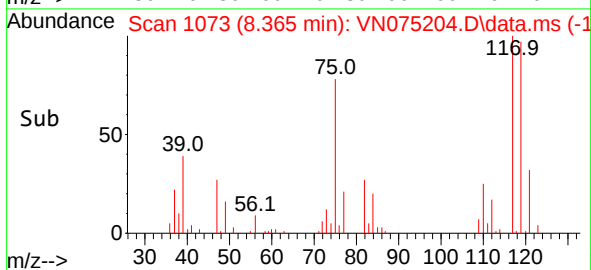
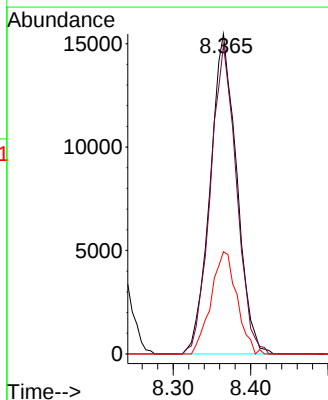
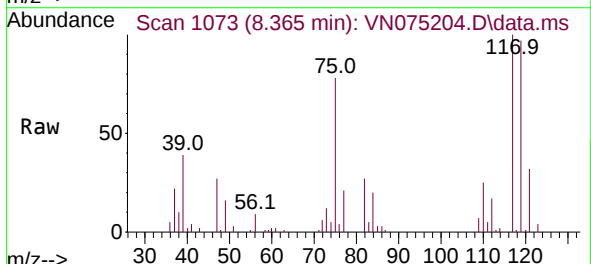
Manual Integrations
APPROVED

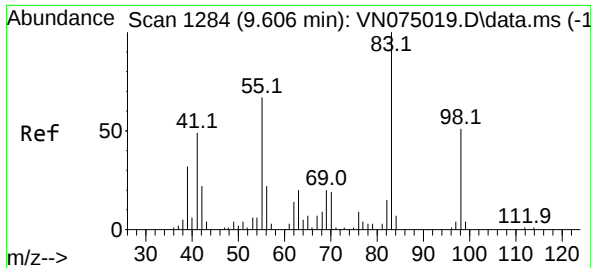
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#38
Carbon Tetrachloride
Concen: 19.344 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Tgt Ion:117 Resp: 36791
Ion Ratio Lower Upper
117 100
119 96.6 76.7 115.1
121 31.9 23.9 35.9





#39

Methylcyclohexane

Concen: 17.455 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

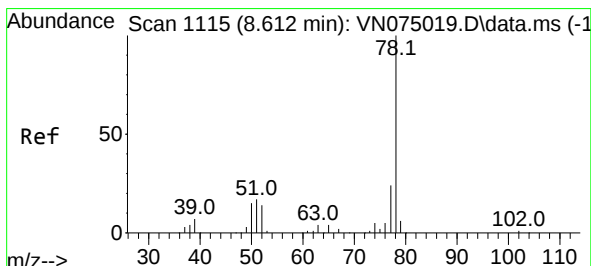
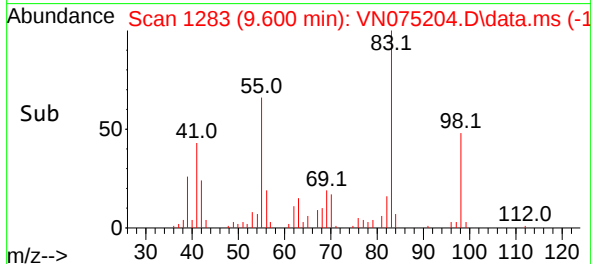
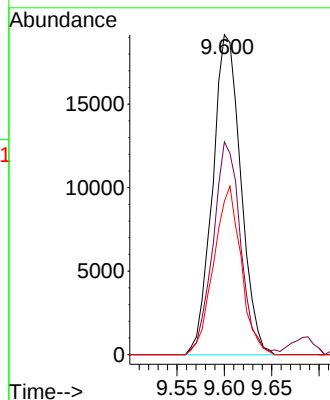
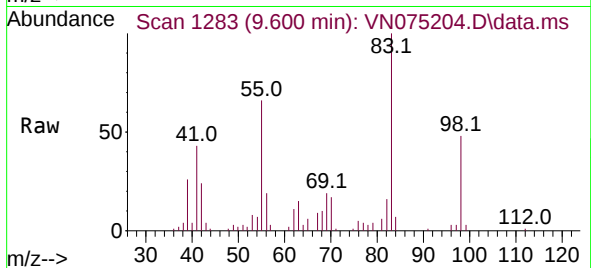
Tgt Ion: 83	Resp: 3984
Ion Ratio	Lower Upper
83	100
55	66.5 53.6 80.4
98	47.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#40

Benzene

Concen: 19.068 ug/l

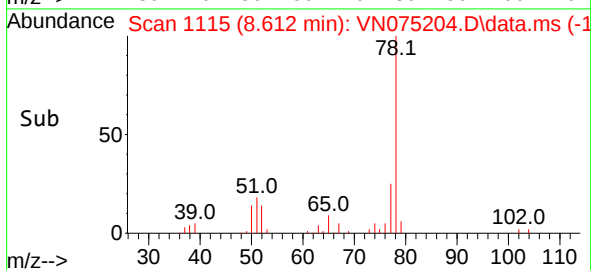
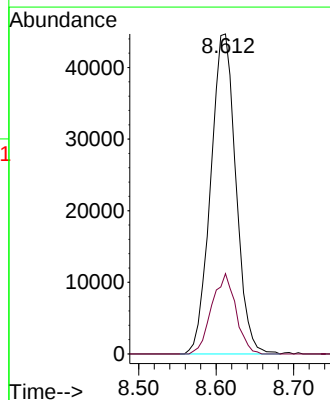
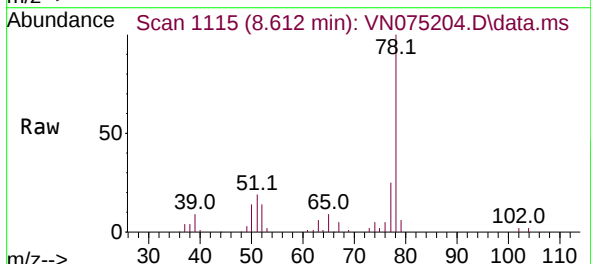
RT: 8.612 min Scan# 1115

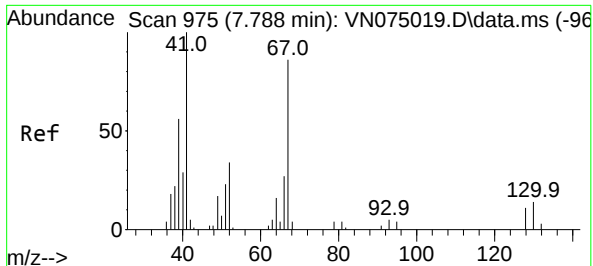
Delta R.T. -0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Tgt Ion: 78	Resp: 100950
Ion Ratio	Lower Upper
78	100
77	25.1 19.4 29.0





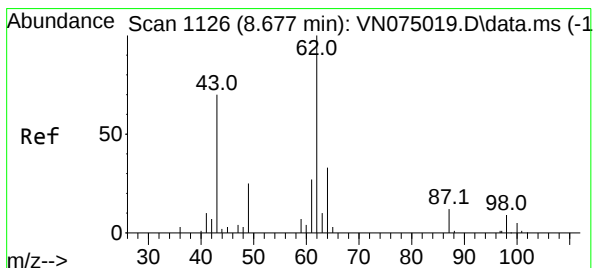
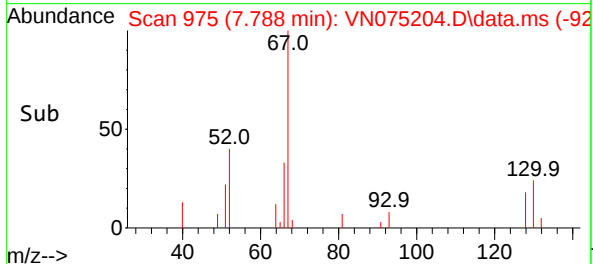
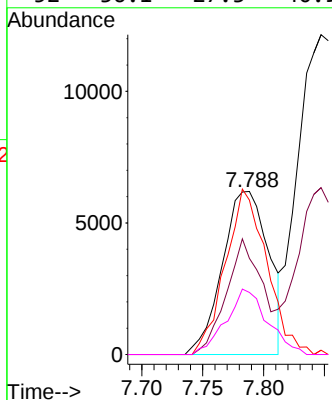
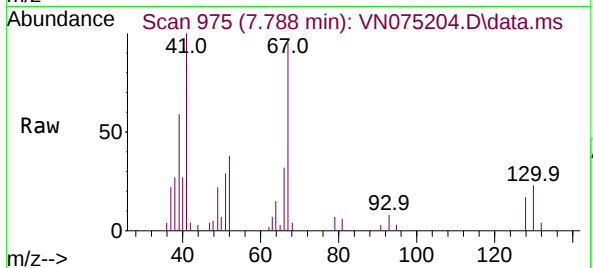
#41
Methacrylonitrile
Concen: 18.049 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion: 41 Resp: 1639
Ion Ratio Lower Upper
41 100
39 53.6 44.4 66.6
67 91.4 69.8 104.6
52 36.1 27.3 40.9

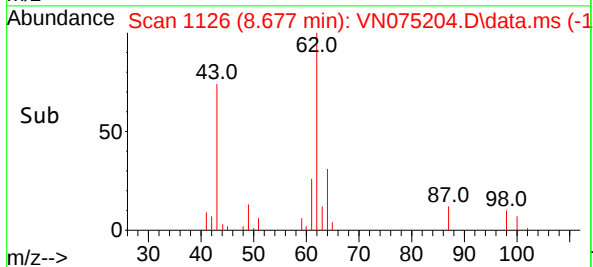
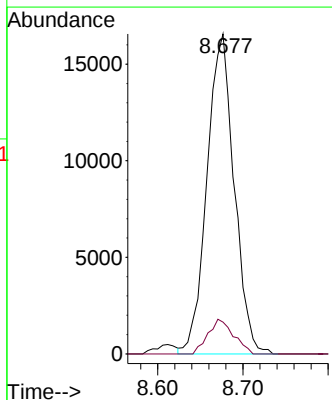
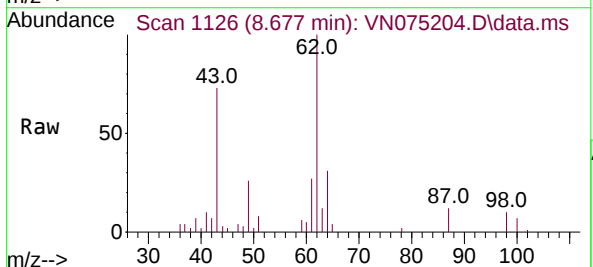
Manual Integrations
APPROVED

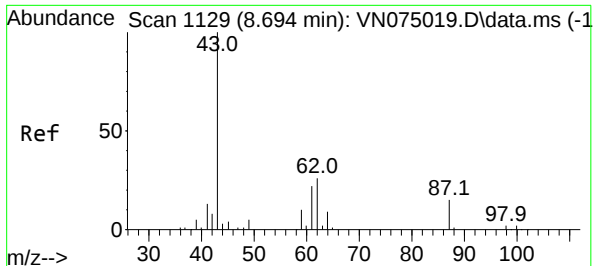
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#42
1,2-Dichloroethane
Concen: 19.038 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Tgt Ion: 62 Resp: 36669
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.2





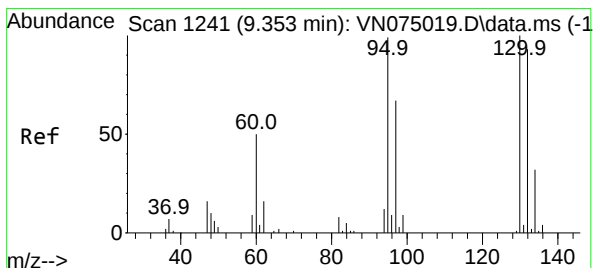
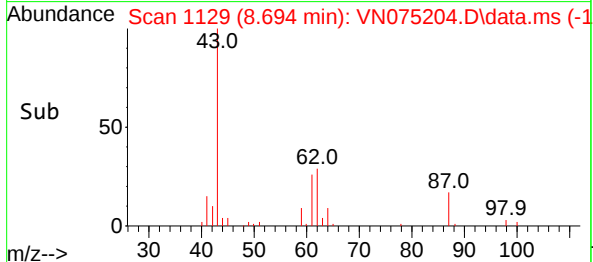
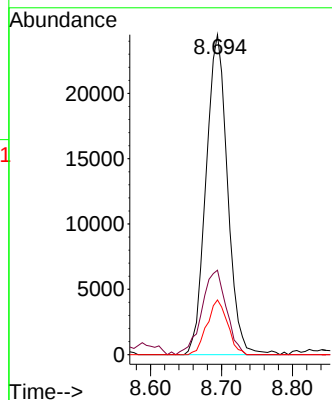
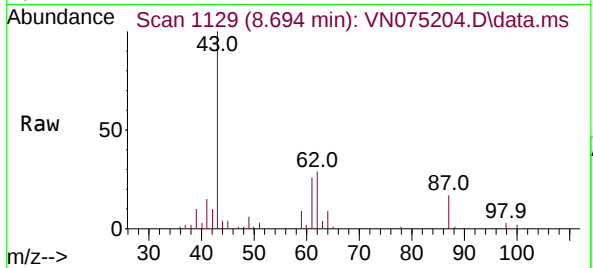
#43
Isopropyl Acetate
Concen: 17.494 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion: 43 Resp: 5145
Ion Ratio Lower Upper
43 100
61 29.9 22.4 33.6
87 16.3 12.5 18.7

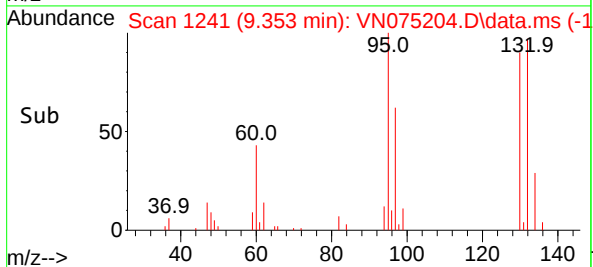
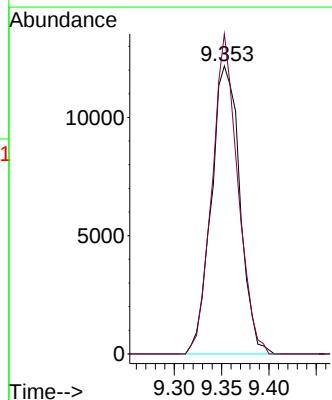
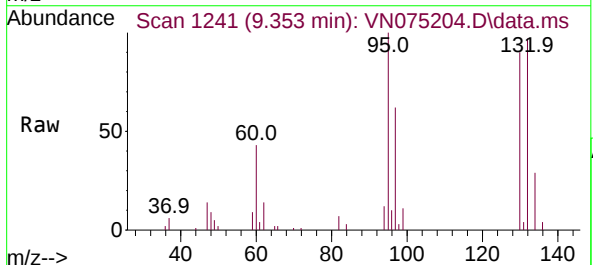
Manual Integrations
APPROVED

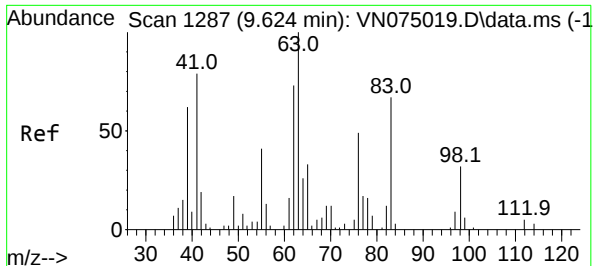
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#44
Trichloroethene
Concen: 19.223 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Tgt Ion:130 Resp: 25532
Ion Ratio Lower Upper
130 100
95 111.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.167 ug/l

RT: 9.629 min Scan# 1287

Delta R.T. 0.005 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 63 Resp: 25408

Ion Ratio Lower Upper

63 100

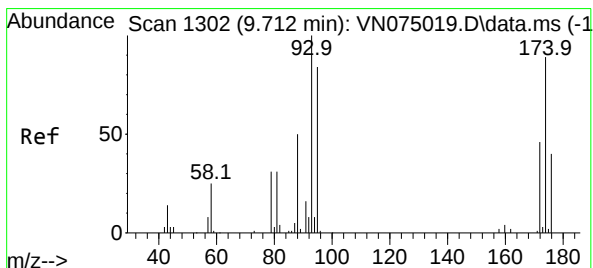
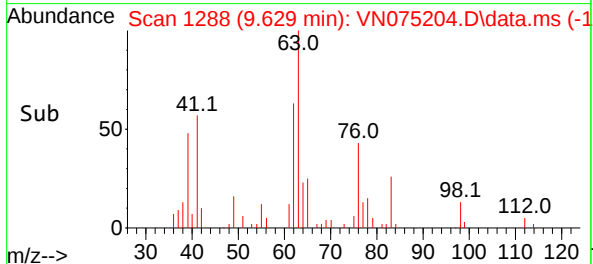
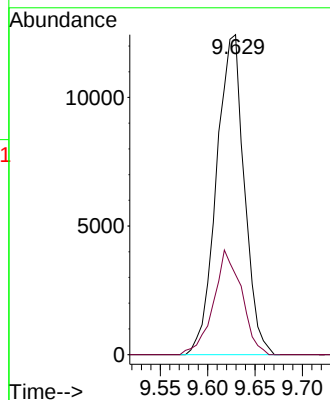
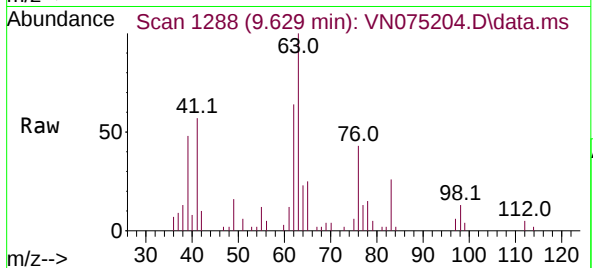
65 25.0 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#46

Dibromomethane

Concen: 18.040 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

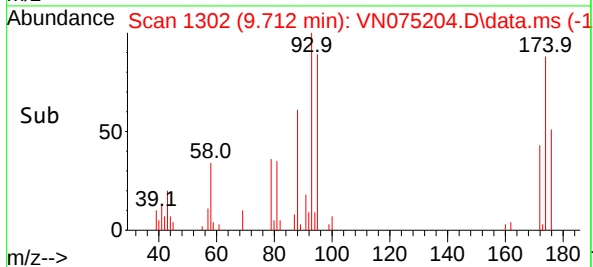
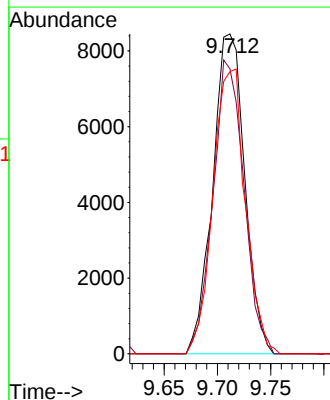
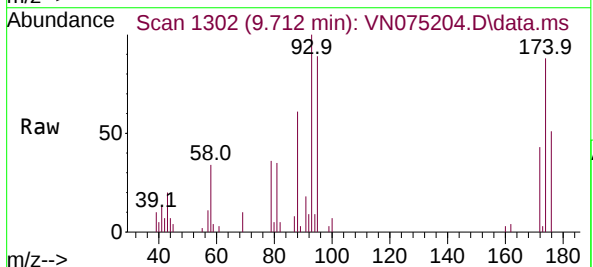
Tgt Ion: 93 Resp: 17707

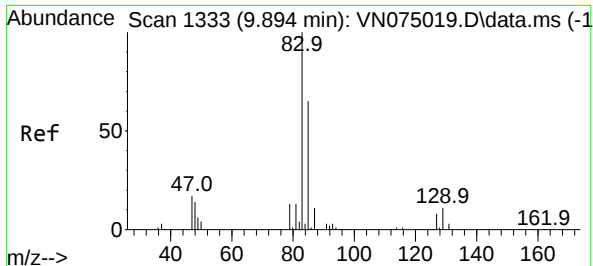
Ion Ratio Lower Upper

93 100

95 88.7 66.6 99.8

174 90.0 70.3 105.5





#47

Bromodichloromethane

Concen: 19.096 ug/l

RT: 9.888 min Scan# 1333

Delta R.T. -0.006 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

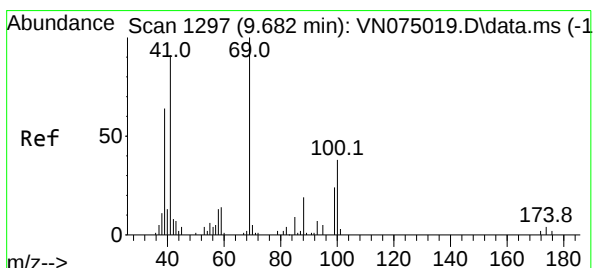
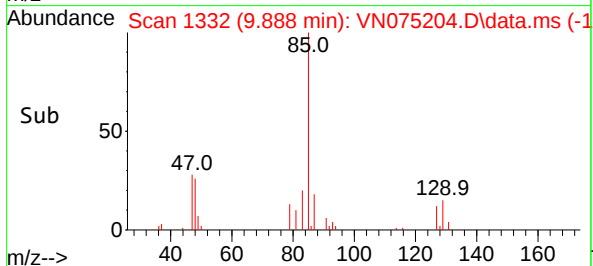
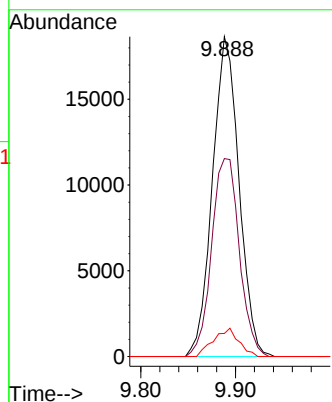
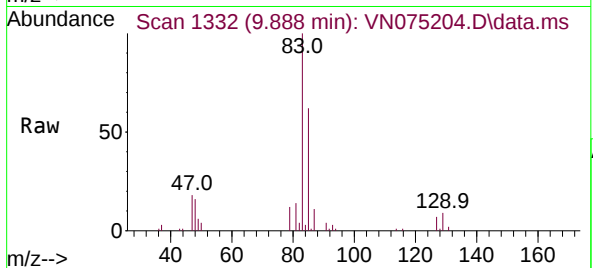
Tgt Ion:	83	Resp:	36298
Ion Ratio	Lower	Upper	
83	100		
85	61.9	52.1	78.1
127	7.2	6.6	10.0

Manual Integrations

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Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#48

Methyl methacrylate

Concen: 16.895 ug/l

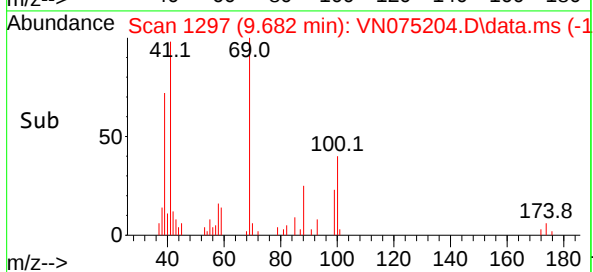
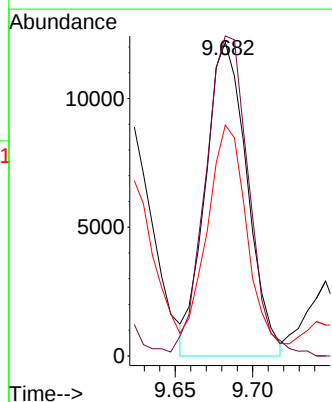
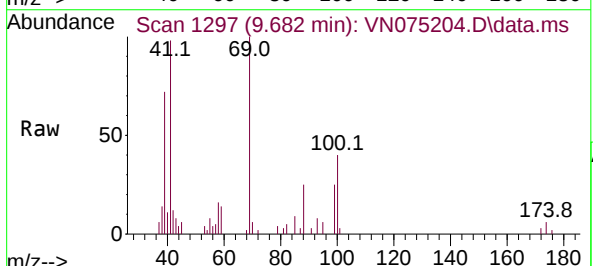
RT: 9.682 min Scan# 1297

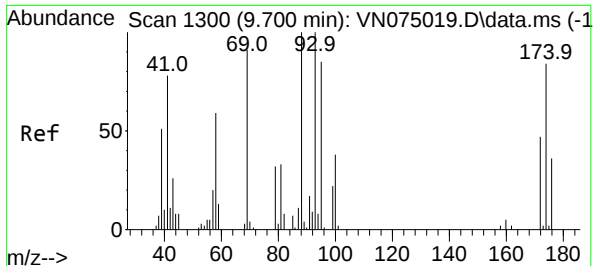
Delta R.T. 0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Tgt Ion:	41	Resp:	22795
Ion Ratio	Lower	Upper	
41	100		
69	106.0	80.2	120.2
39	72.4	56.2	84.2





#49

1,4-Dioxane

Concen: 403.900 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion: 88 Resp: 14270

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

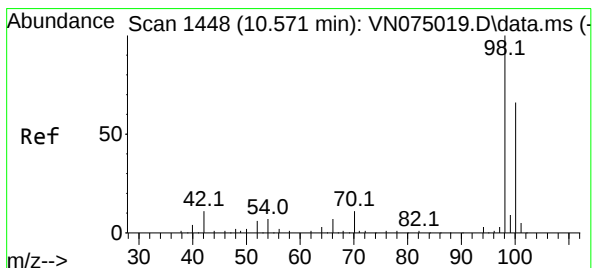
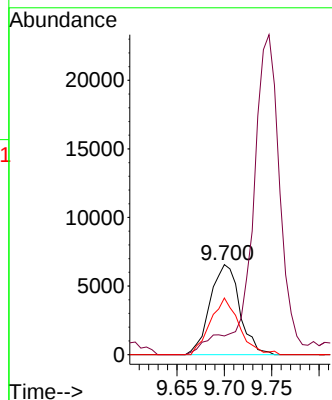
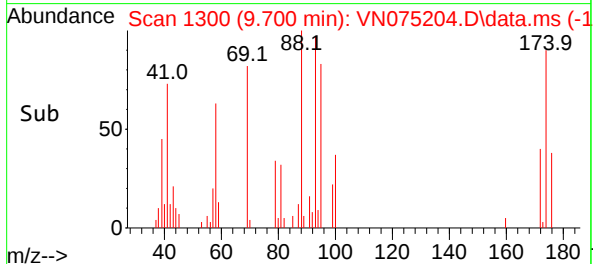
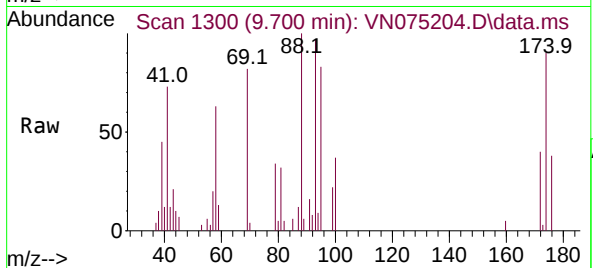
58 61.3 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#50

Toluene-d8

Concen: 50.542 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075204.D

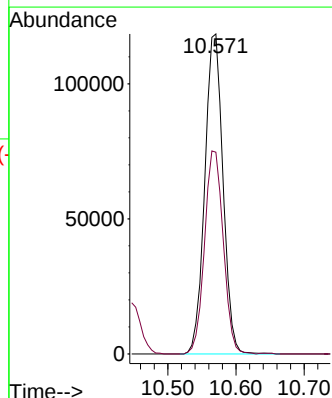
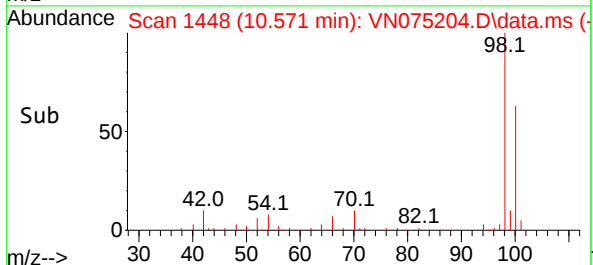
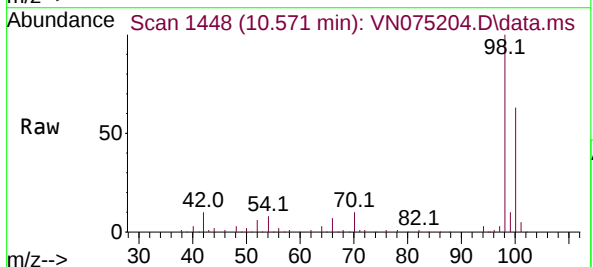
Acq: 08 Nov 2022 12:07

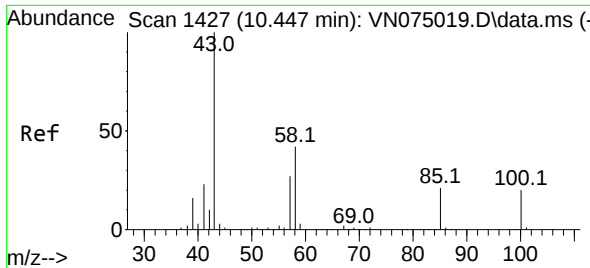
Tgt Ion: 98 Resp: 219000

Ion Ratio Lower Upper

98 100

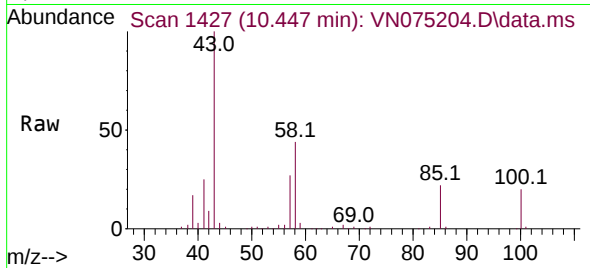
100 65.3 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 91.133 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

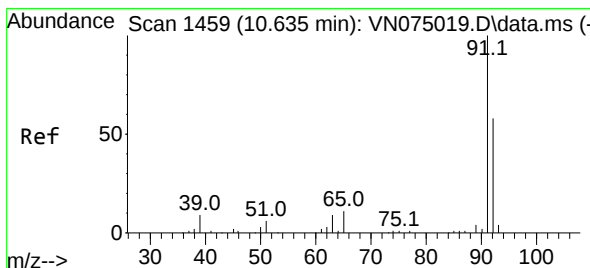
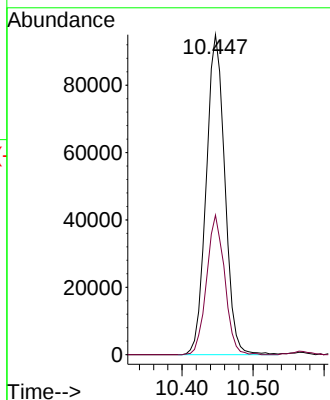
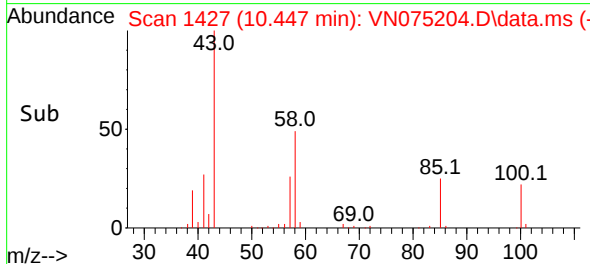
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 43 Resp: 17297
Ion Ratio Lower Upper
43 100
58 42.2 33.6 50.4

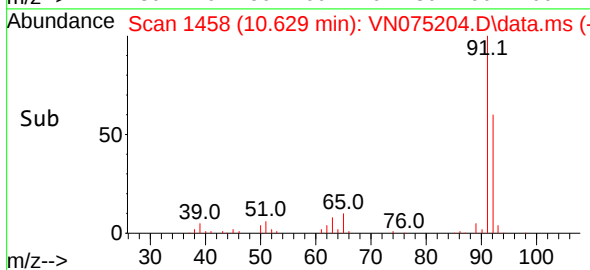
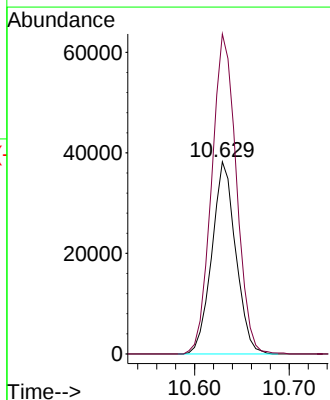
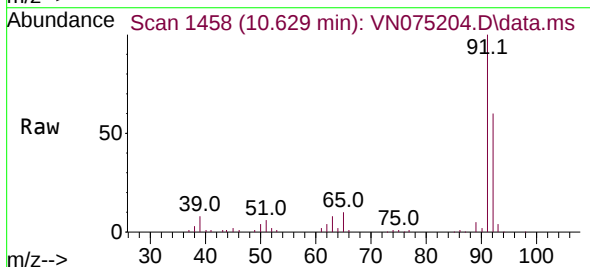
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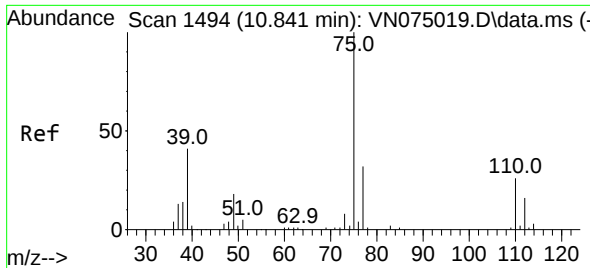
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#52
Toluene
Concen: 18.879 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

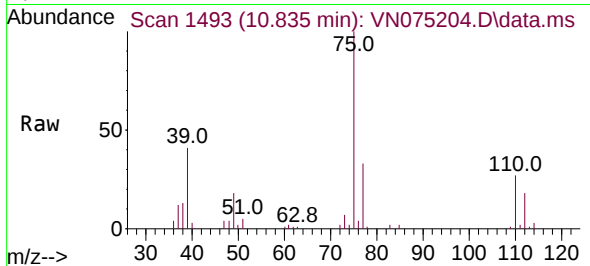
Tgt Ion: 92 Resp: 66811
Ion Ratio Lower Upper
92 100
91 172.6 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 18.327 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

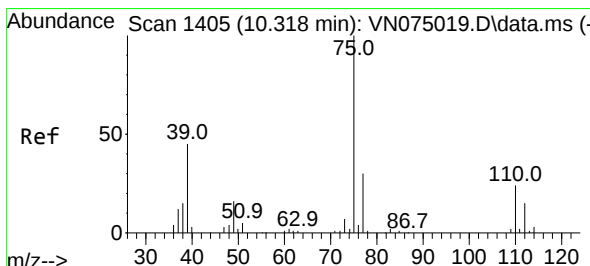
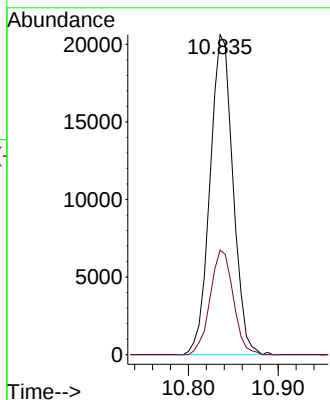
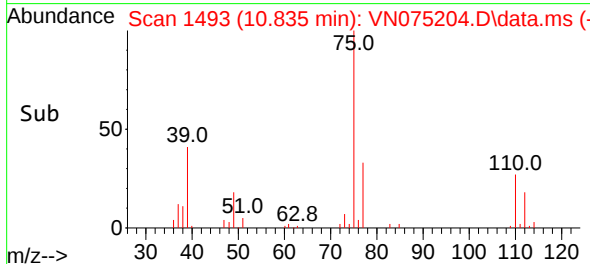
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 75 Resp: 36776
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2

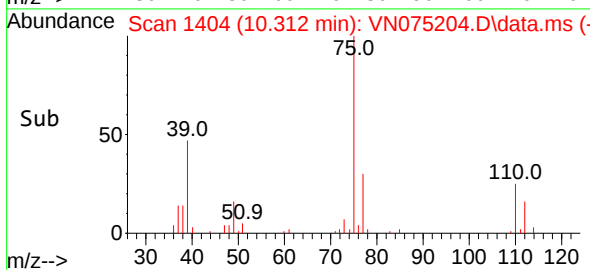
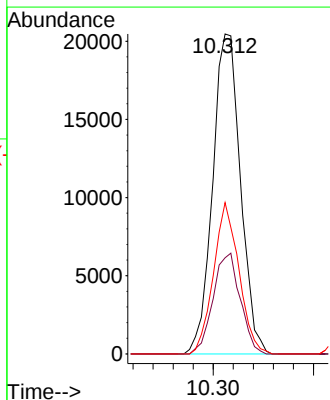
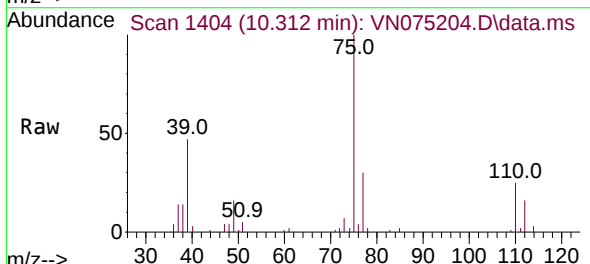
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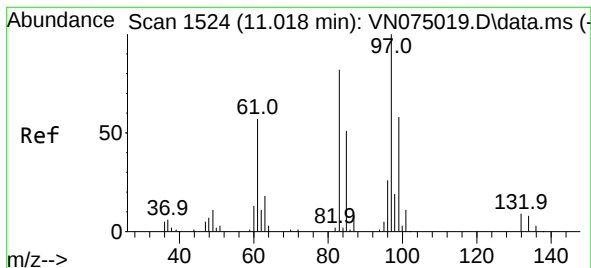
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#54
cis-1,3-Dichloropropene
Concen: 18.534 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

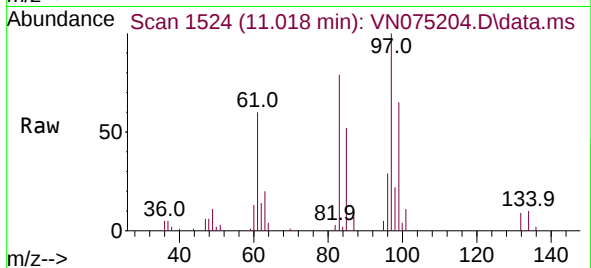
Tgt Ion: 75 Resp: 39440
Ion Ratio Lower Upper
75 100
77 30.0 23.7 35.5
39 47.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 19.390 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

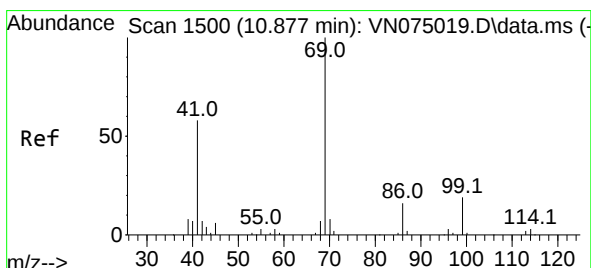
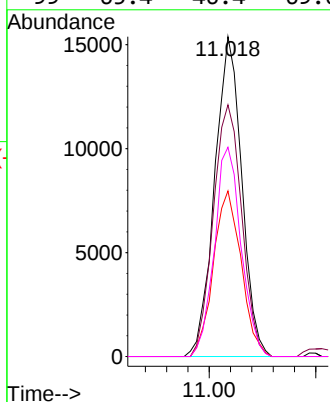
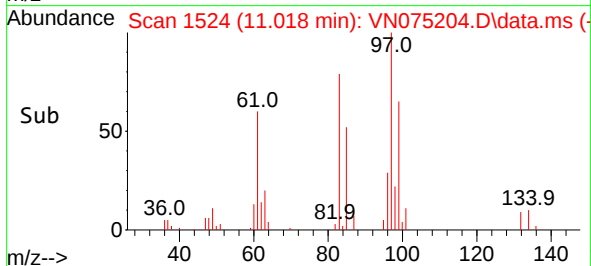


Tgt Ion: 97 Resp: 27208

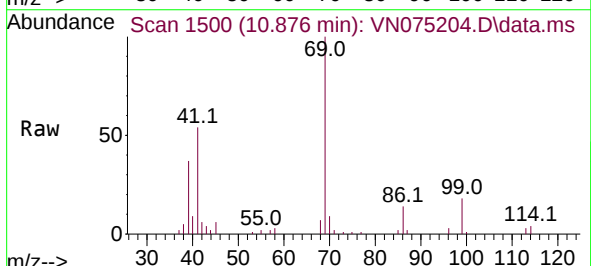
Ion	Ratio	Lower	Upper
97	100		
83	78.7	65.9	98.9
85	51.8	40.4	60.6
99	65.4	46.4	69.6

Manual Integrations
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Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

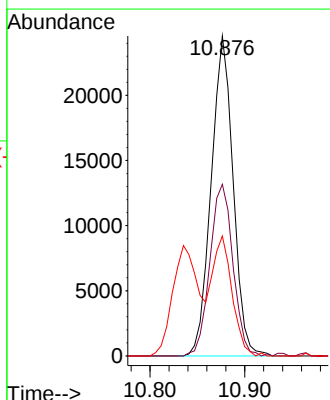
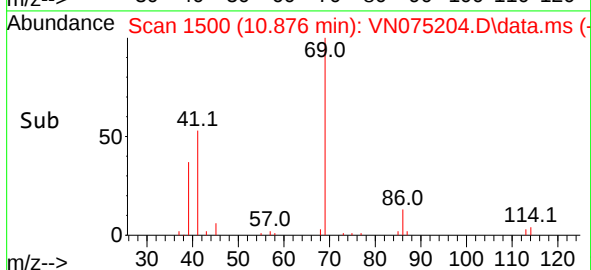


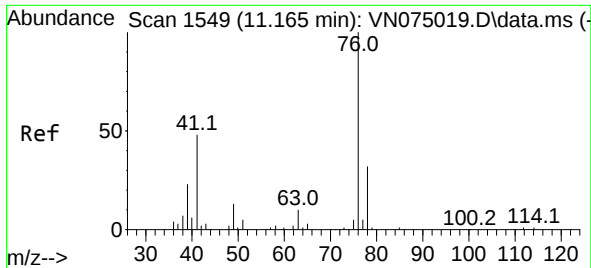
#56
Ethyl methacrylate
Concen: 18.471 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



Tgt Ion: 69 Resp: 39535

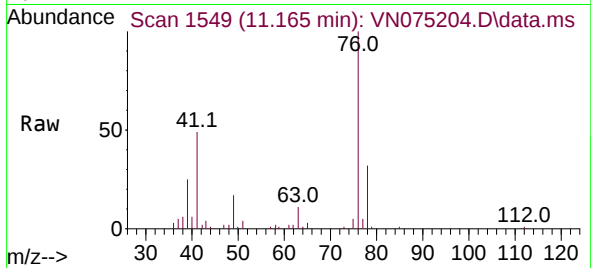
Ion	Ratio	Lower	Upper
69	100		
41	56.2	45.6	68.4
39	33.8	28.5	42.7





#57
1,3-Dichloropropane
Concen: 19.416 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

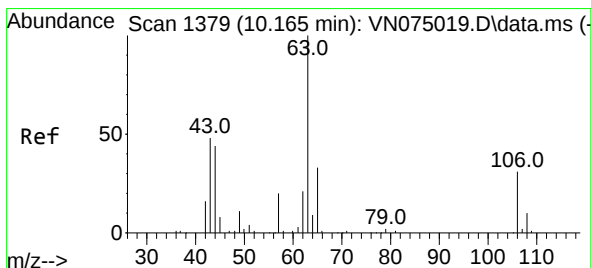
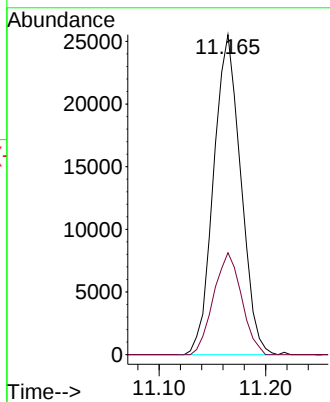
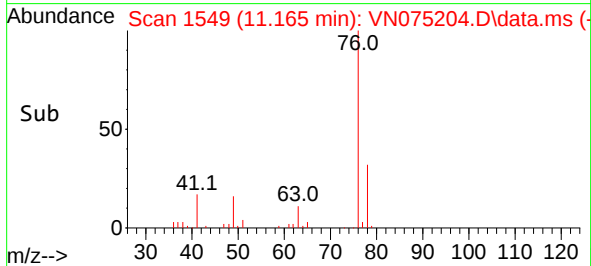
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 76 Resp: 45372
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

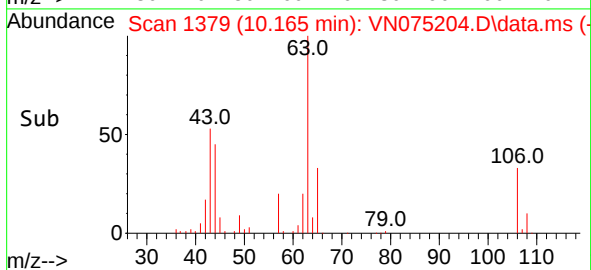
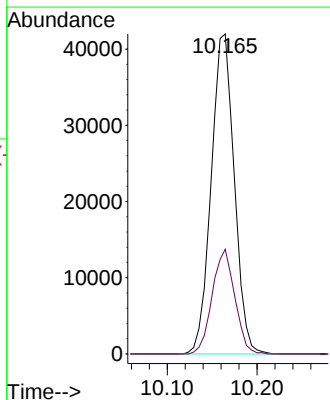
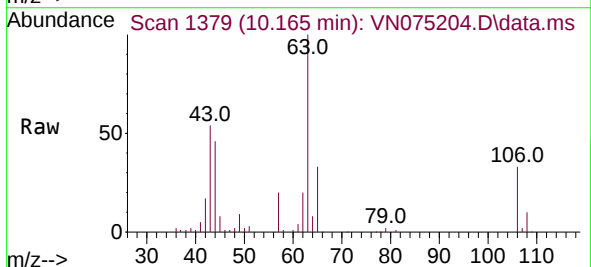
Manual Integrations
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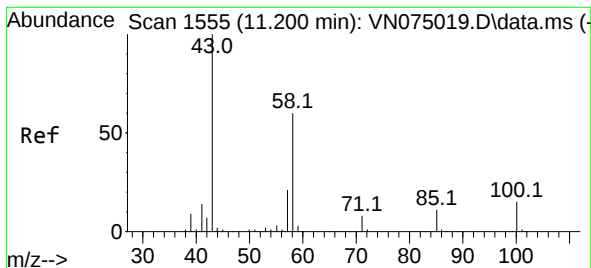
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#58
2-Chloroethyl Vinyl ether
Concen: 91.072 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Tgt Ion: 63 Resp: 75361
Ion Ratio Lower Upper
63 100
106 31.9 24.8 37.2





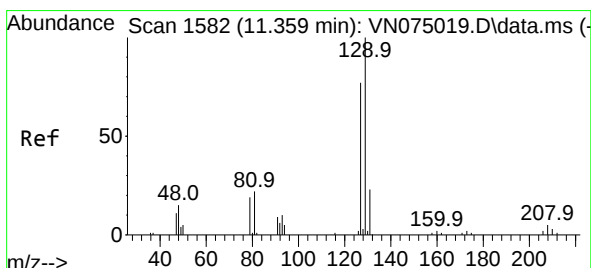
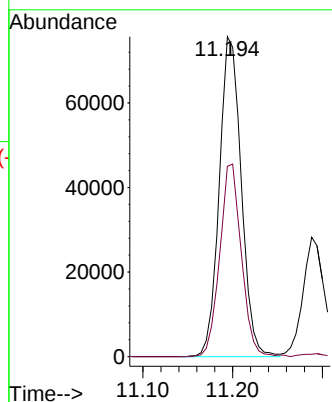
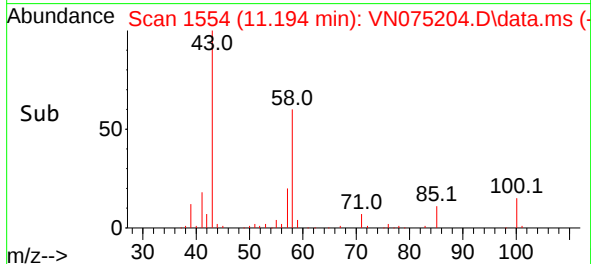
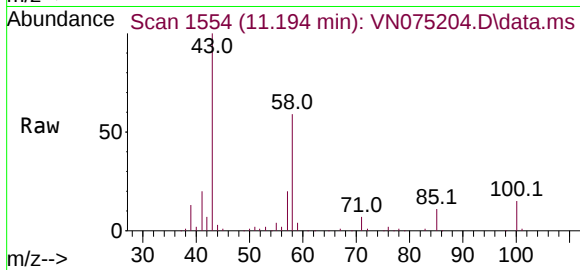
#59
2-Hexanone
Concen: 89.691 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion: 43 Resp: 129203
Ion Ratio Lower Upper
43 100
58 59.2 29.6 88.8

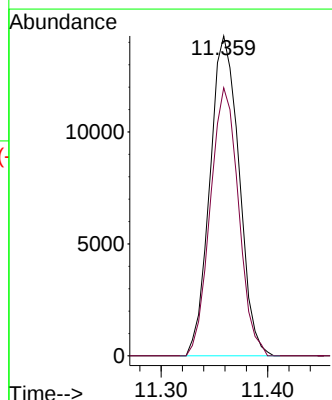
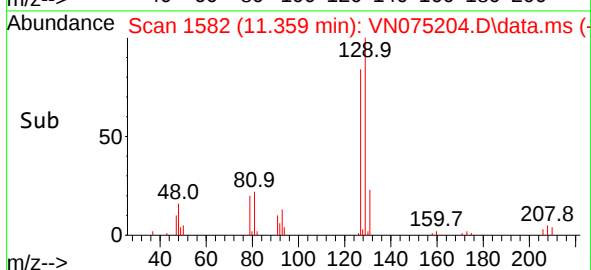
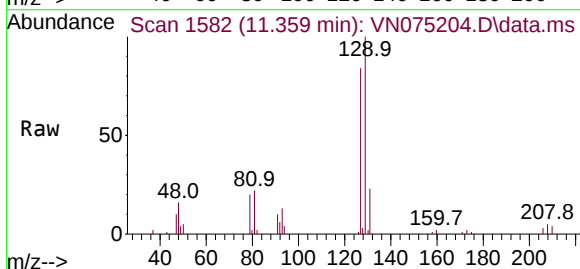
Manual Integrations
APPROVED

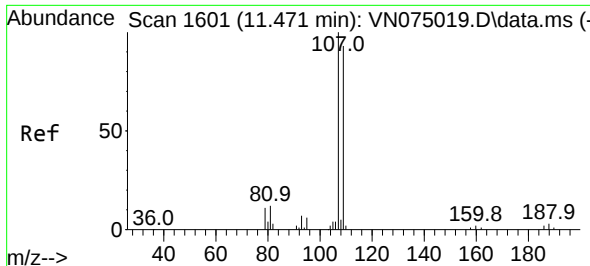
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#60
Dibromochloromethane
Concen: 18.365 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

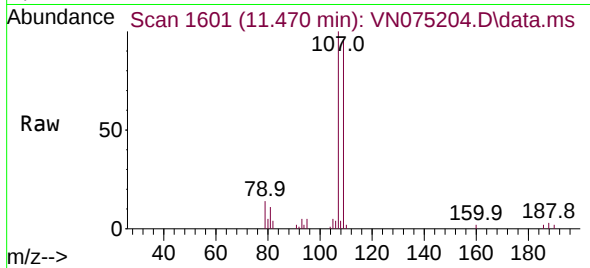
Tgt Ion:129 Resp: 27189
Ion Ratio Lower Upper
129 100
127 81.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 18.832 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

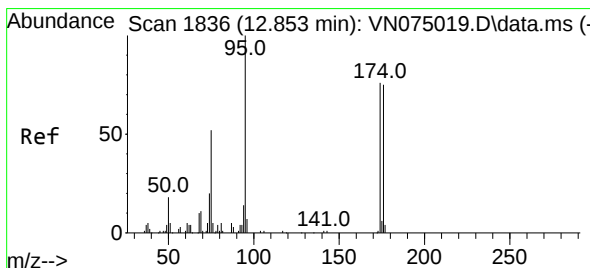
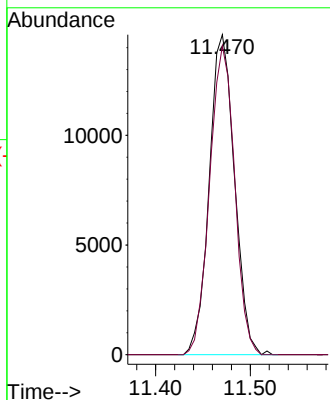
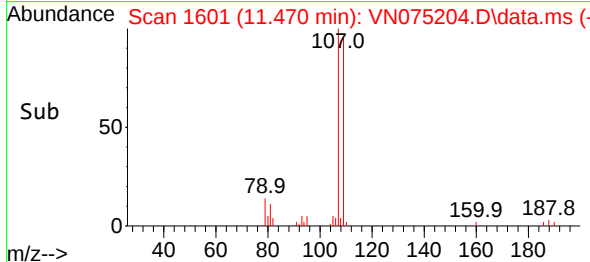
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



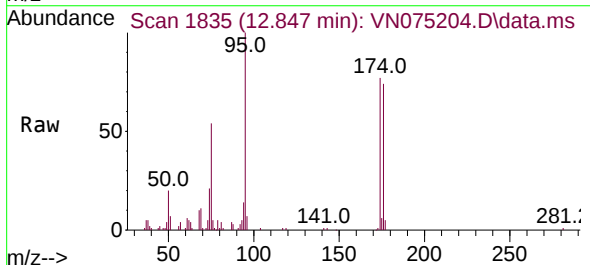
Tgt Ion:107 Resp: 27081
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

Manual Integrations
APPROVED

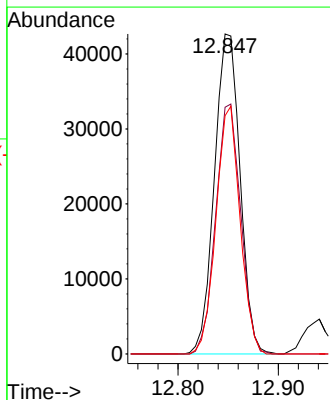
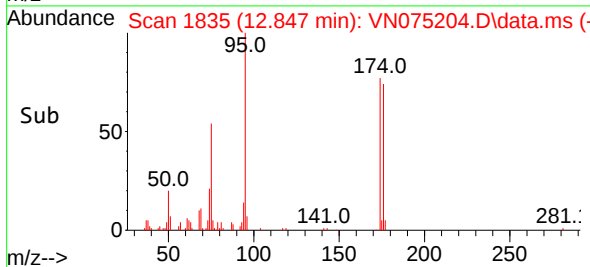
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

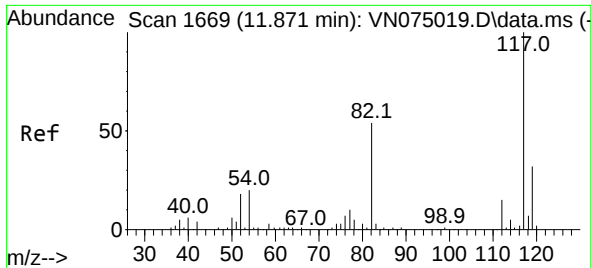


#62
4-Bromofluorobenzene
Concen: 49.890 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



Tgt Ion: 95 Resp: 75938
Ion Ratio Lower Upper
95 100
174 76.3 0.0 147.4
176 72.8 0.0 142.2





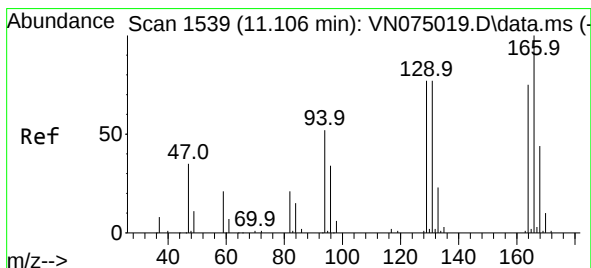
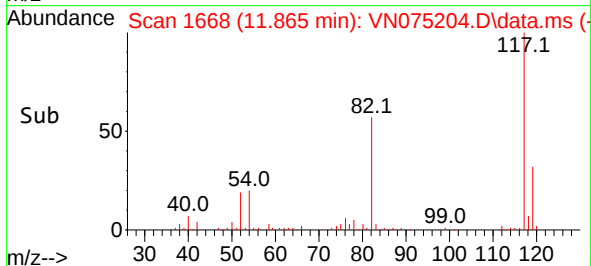
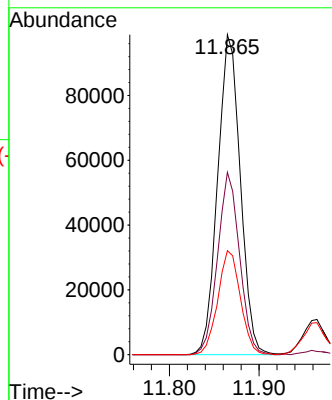
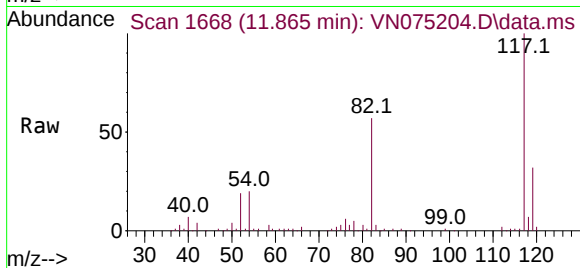
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion:117 Resp: 173759
Ion Ratio Lower Upper
117 100
82 57.0 43.1 64.7
119 32.5 25.5 38.3

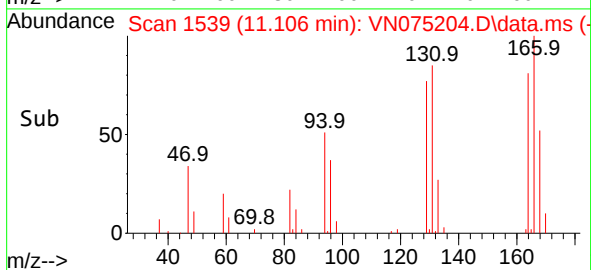
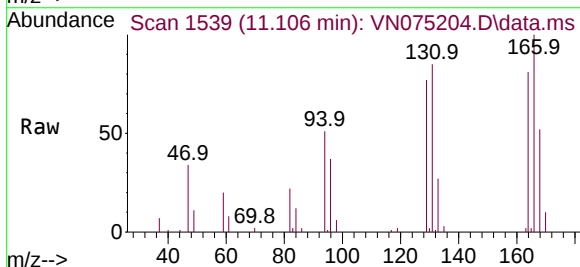
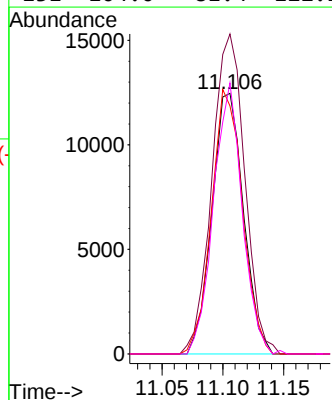
Manual Integrations
APPROVED

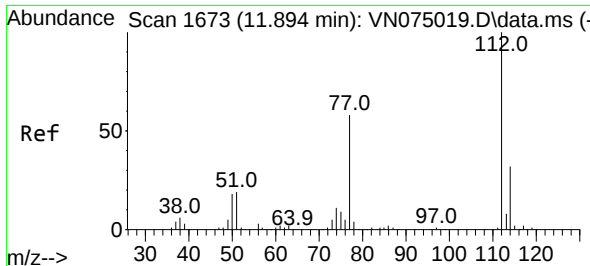
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#64
Tetrachloroethene
Concen: 21.038 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

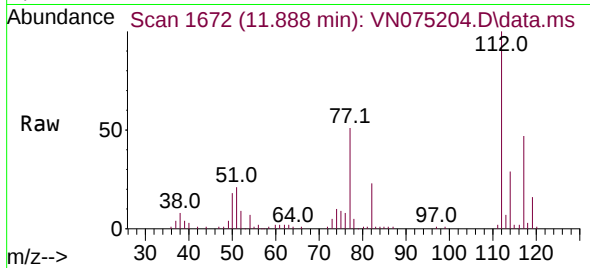
Tgt Ion:164 Resp: 22412
Ion Ratio Lower Upper
164 100
166 122.8 106.5 159.7
129 95.2 81.9 122.9
131 104.0 81.4 122.2





#65
Chlorobenzene
Concen: 19.007 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

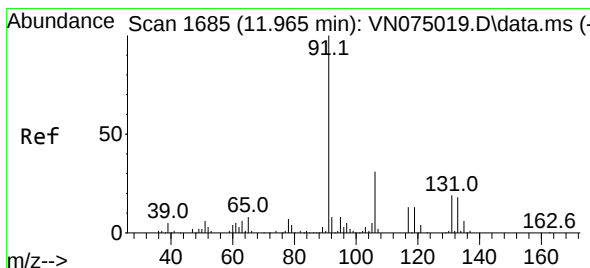
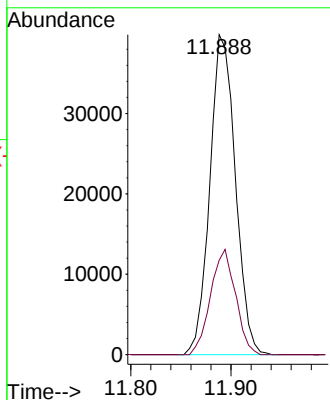
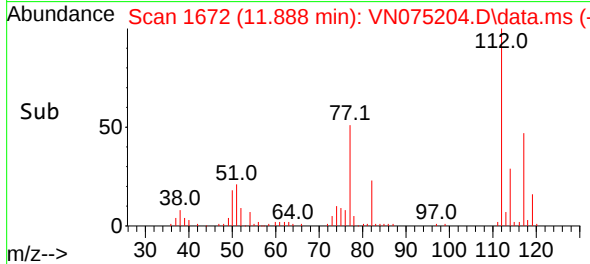
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



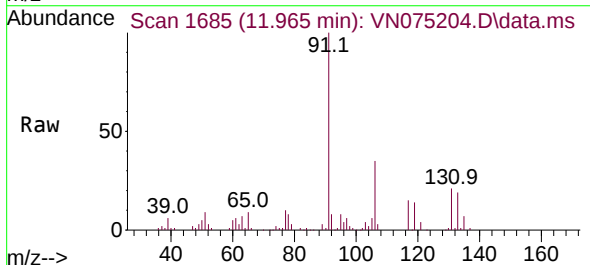
Tgt Ion:112 Resp: 70496
Ion Ratio Lower Upper
112 100
114 29.5 25.4 38.2

Manual Integrations
APPROVED

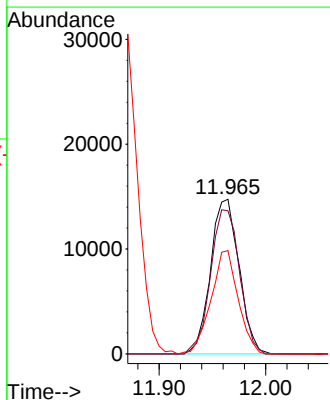
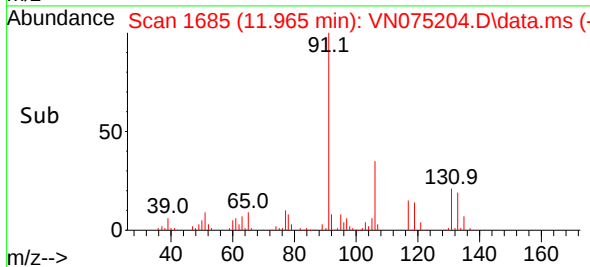
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

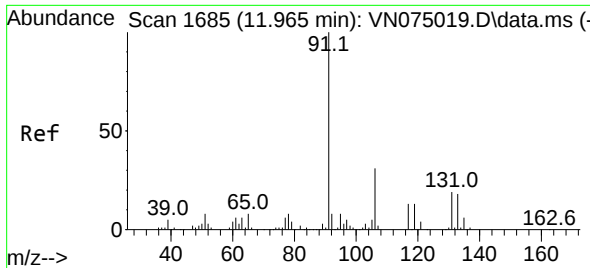


#66
1,1,1,2-Tetrachloroethane
Concen: 19.929 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



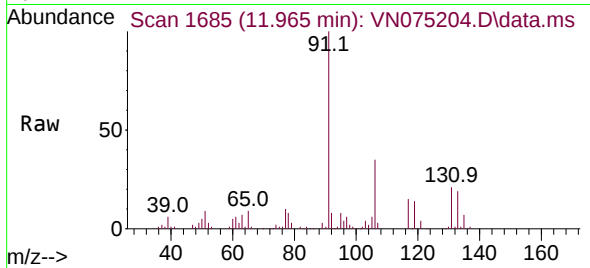
Tgt Ion:131 Resp: 27420
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 63.8 33.0 99.0





#67
Ethyl Benzene
Concen: 18.565 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

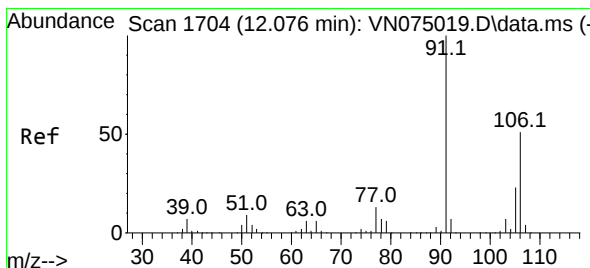
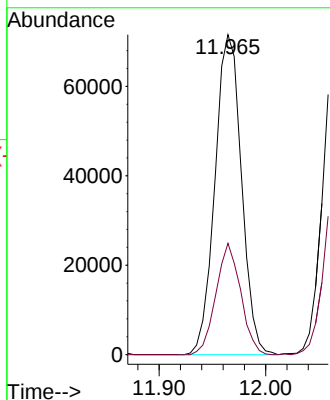
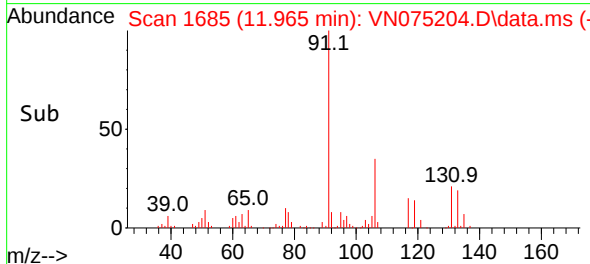
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



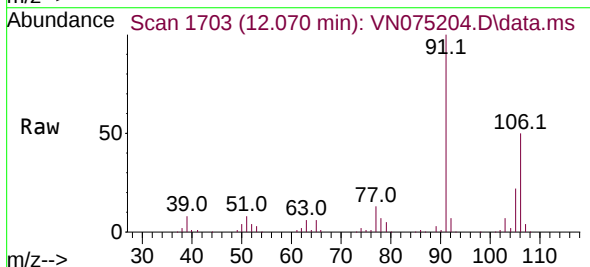
Tgt Ion: 91 Resp: 123879
Ion Ratio Lower Upper
91 100
106 34.8 24.9 37.3

Manual Integrations
APPROVED

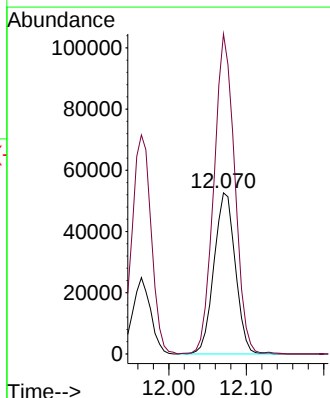
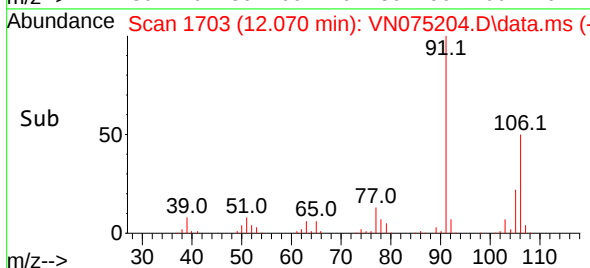
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

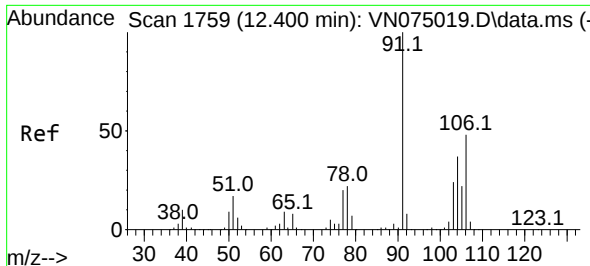


#68
m/p-Xylenes
Concen: 37.558 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



Tgt Ion:106 Resp: 100560
Ion Ratio Lower Upper
106 100
91 194.6 156.0 234.0





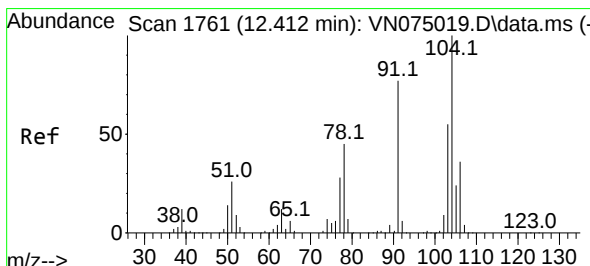
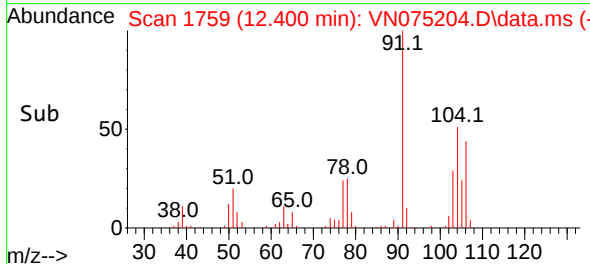
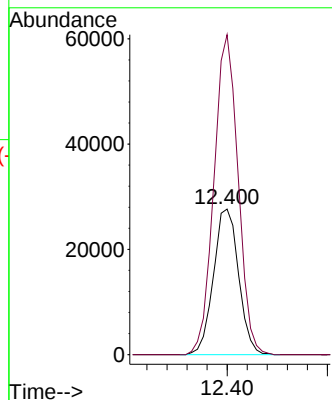
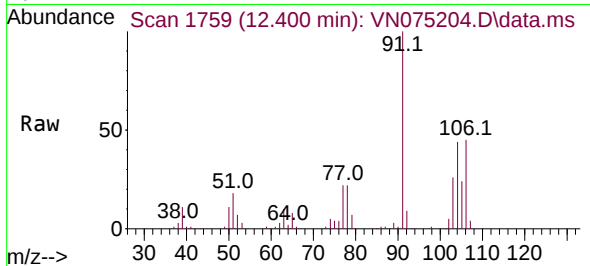
#69
o-Xylene
Concen: 18.208 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion:106 Resp: 48213
Ion Ratio Lower Upper
106 100
91 210.9 105.2 315.5

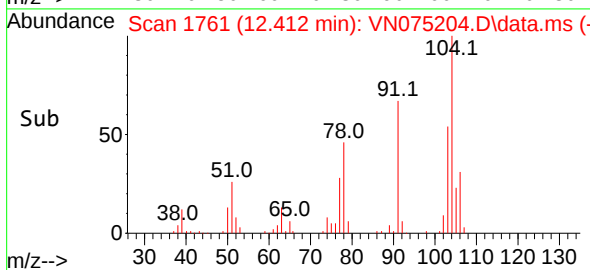
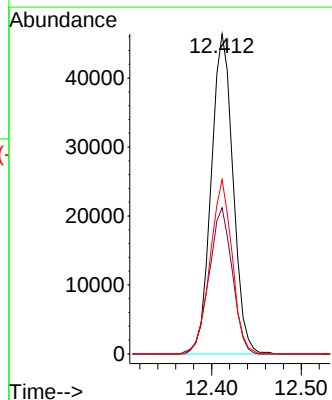
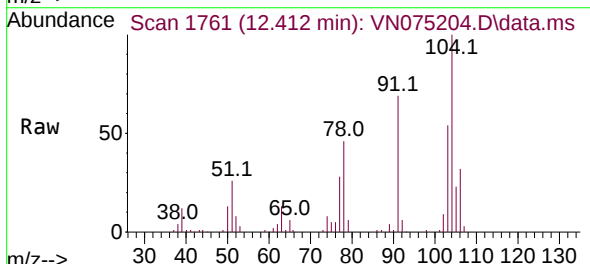
Manual Integrations
APPROVED

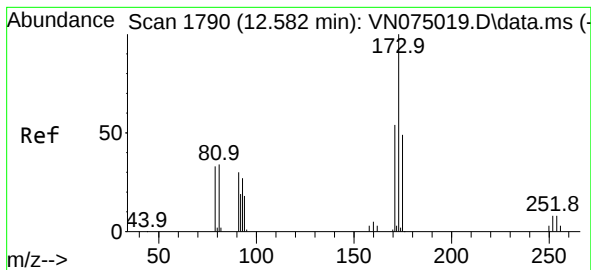
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#70
Styrene
Concen: 18.683 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Tgt Ion:104 Resp: 78881
Ion Ratio Lower Upper
104 100
78 48.4 38.1 57.1
103 54.9 44.6 66.8





#71

Bromoform

Concen: 17.936 ug/l

RT: 12.576 min Scan# 1789

Delta R.T. -0.006 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion:173 Resp: 18476

Ion Ratio Lower Upper

173 100

175 47.8 24.6 74.0

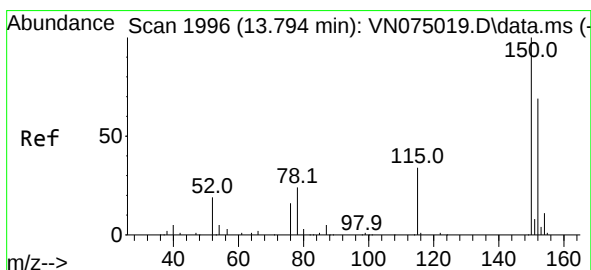
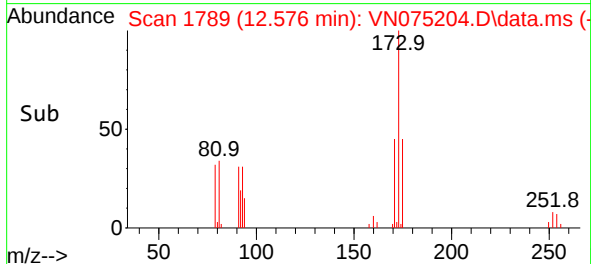
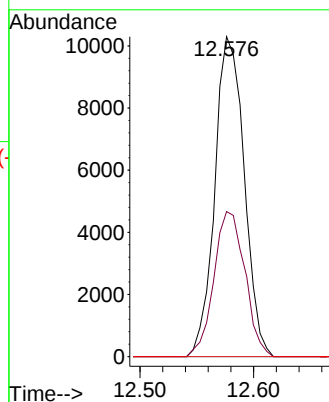
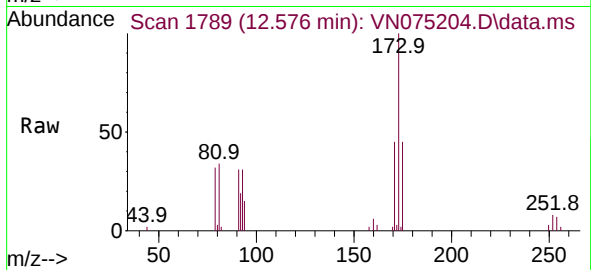
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

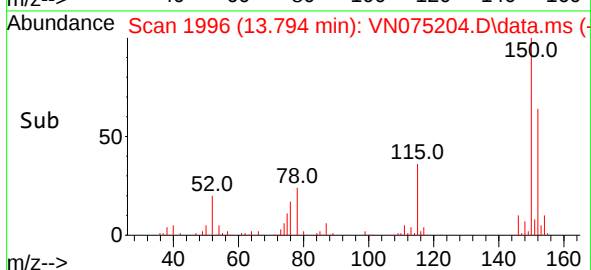
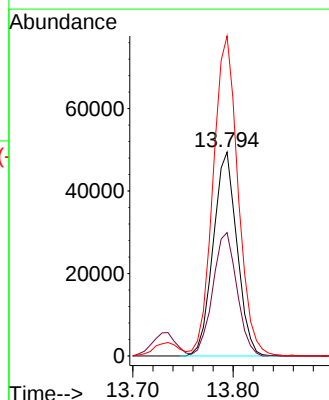
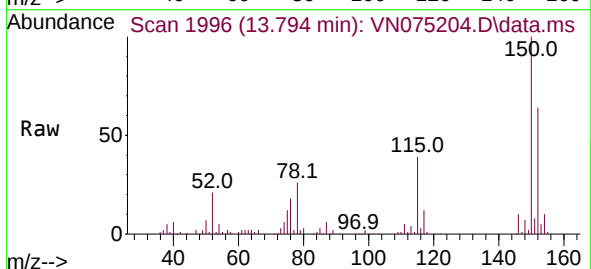
Tgt Ion:152 Resp: 81432

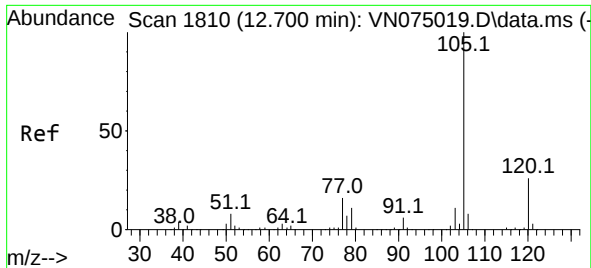
Ion Ratio Lower Upper

152 100

115 61.5 30.2 90.6

150 164.9 0.0 348.4





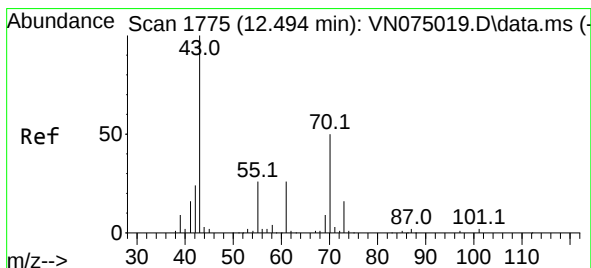
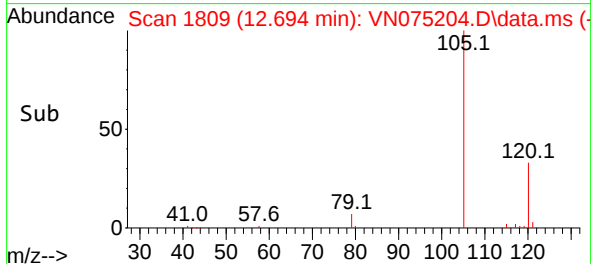
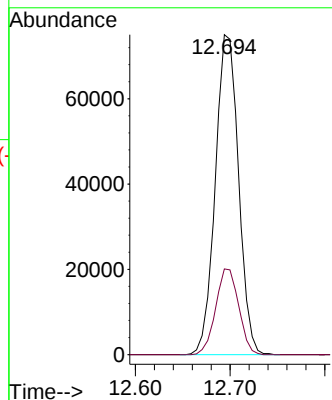
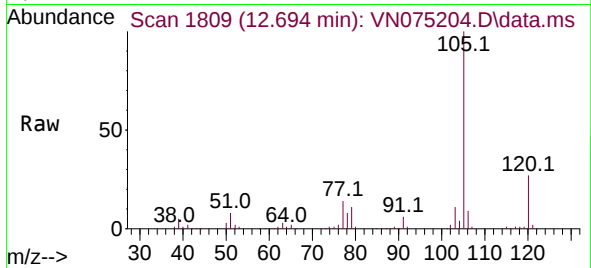
#73
Isopropylbenzene
Concen: 19.550 ug/l
RT: 12.694 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion:105 Resp: 12780
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

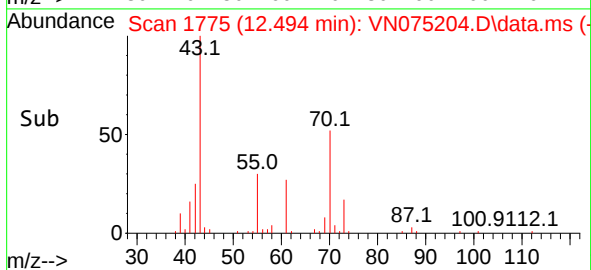
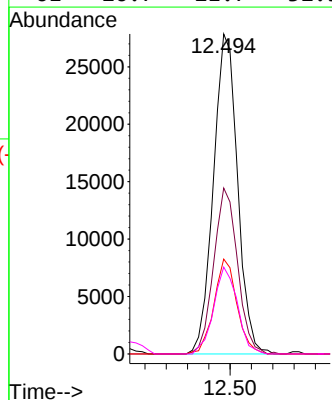
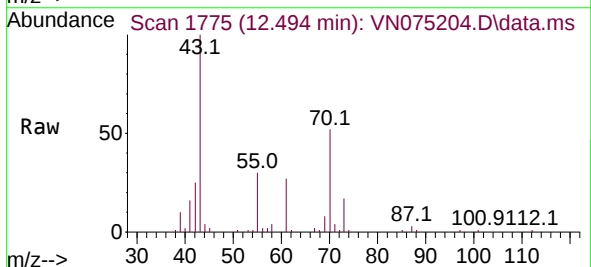
Manual Integrations
APPROVED

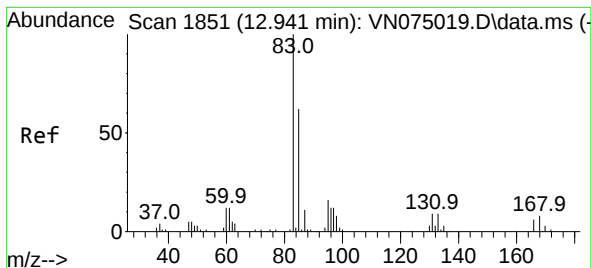
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#74
N-ethyl acetate
Concen: 18.144 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Tgt Ion: 43 Resp: 43871
Ion Ratio Lower Upper
43 100
70 51.3 39.8 59.8
55 28.2 19.9 29.9
61 26.7 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.002 ug/l

RT: 12.935 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

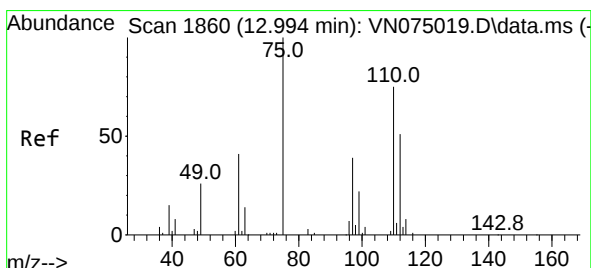
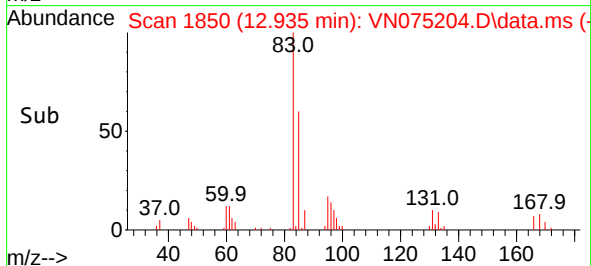
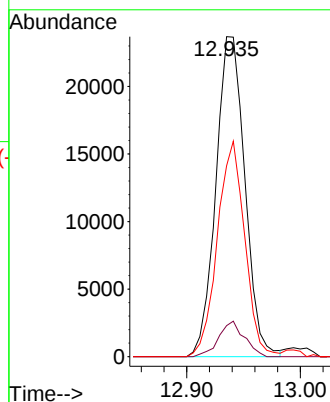
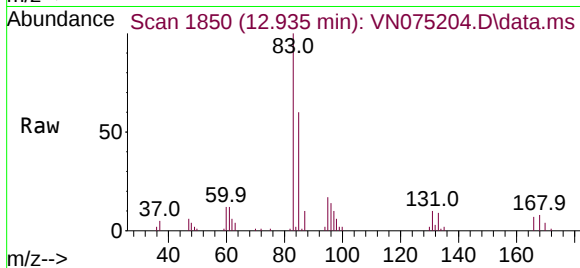
Tgt Ion:	83	Resp:	42035
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.3
85	63.5	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#76

1,2,3-Trichloropropane

Concen: 21.406 ug/l m

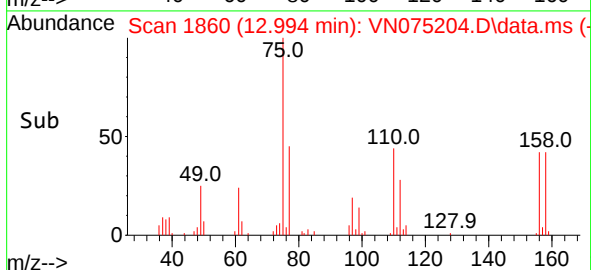
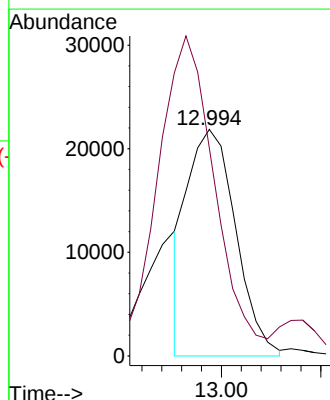
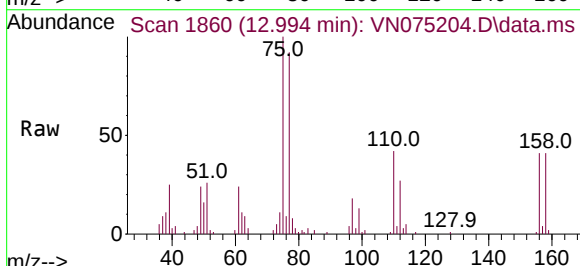
RT: 12.994 min Scan# 1860

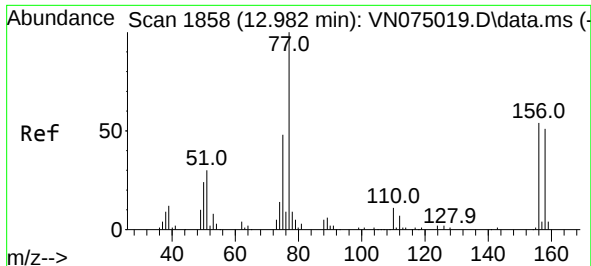
Delta R.T. -0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

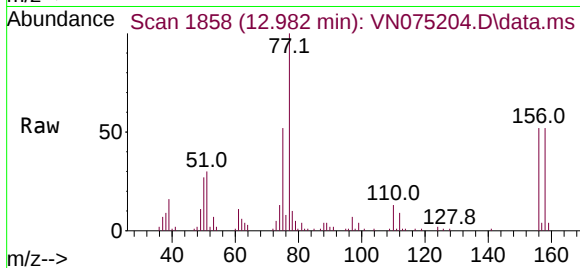
Tgt Ion:	75	Resp:	37011
Ion Ratio	Lower	Upper	
75	100		
77	167.2	75.6	226.8





#77
Bromobenzene
Concen: 19.304 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

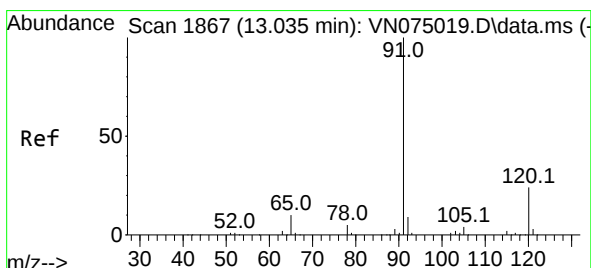
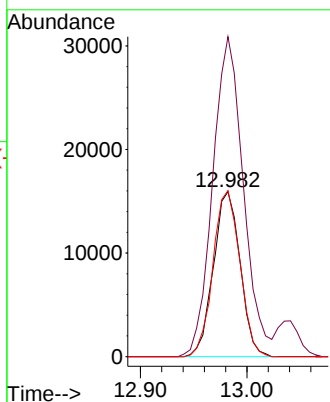
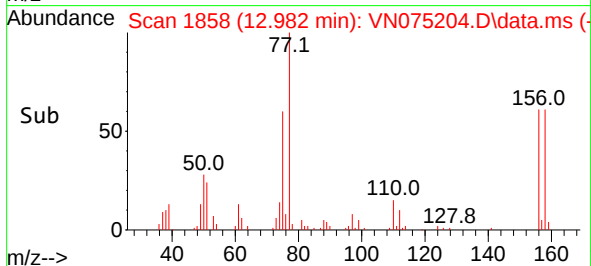
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



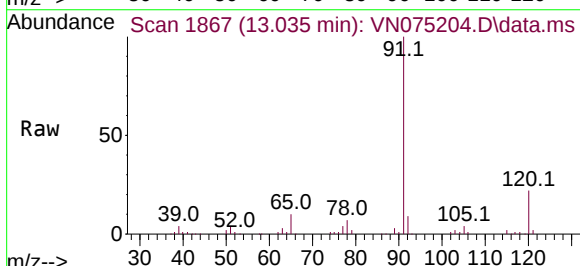
Tgt Ion:156 Resp: 2778
Ion Ratio Lower Upper
156 100
77 222.7 108.5 325.5
158 101.2 47.7 143.1

Manual Integrations
APPROVED

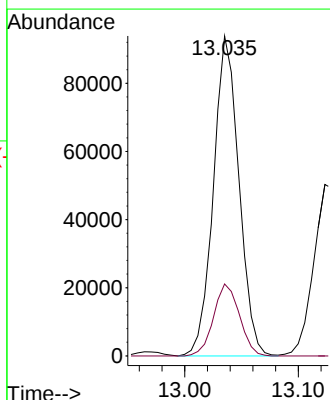
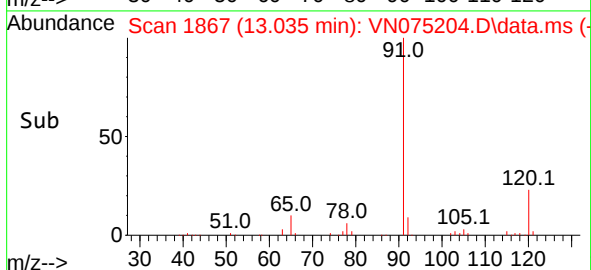
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

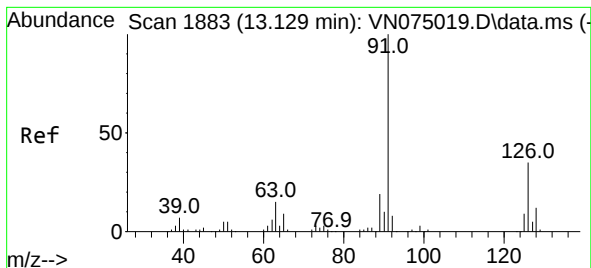


#78
n-propylbenzene
Concen: 19.976 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



Tgt Ion: 91 Resp: 146622
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





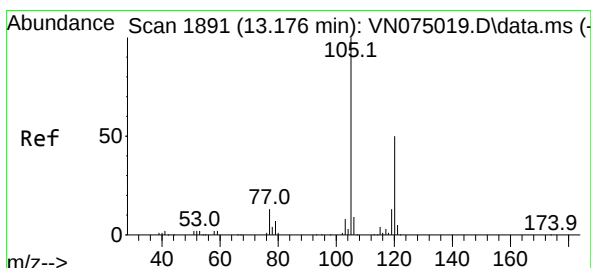
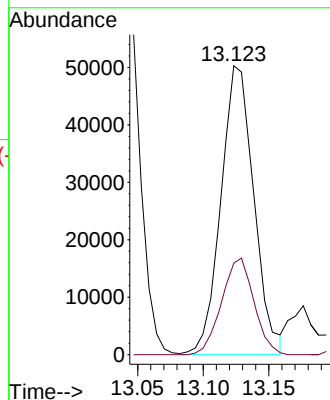
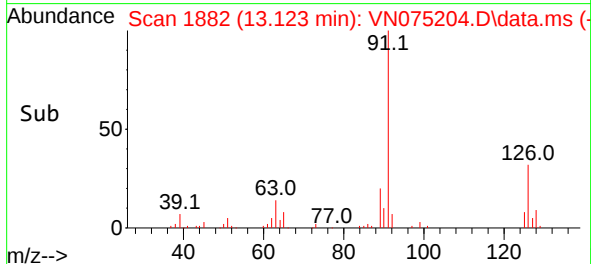
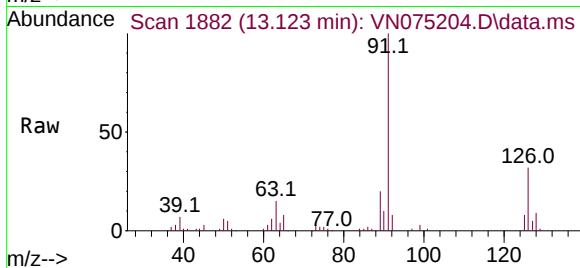
#79
2-Chlorotoluene
Concen: 19.631 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01

Tgt Ion: 91 Resp: 88050
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.7

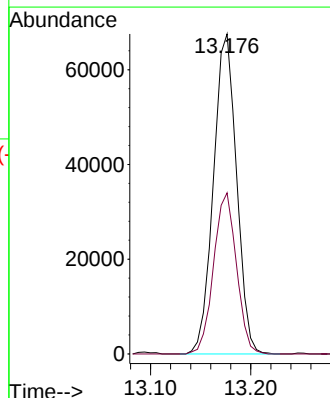
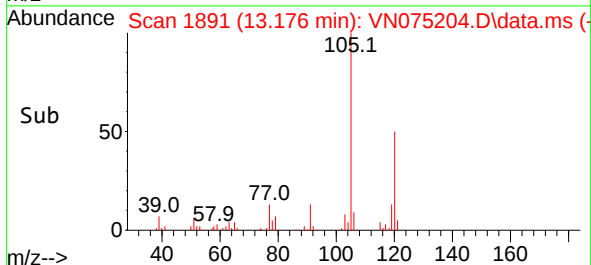
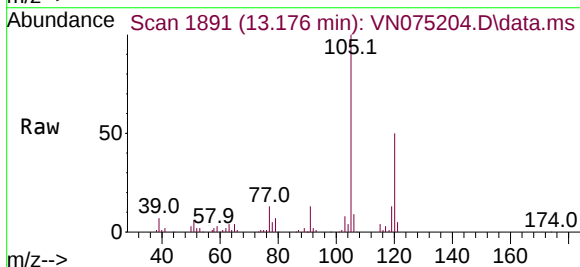
Manual Integrations
APPROVED

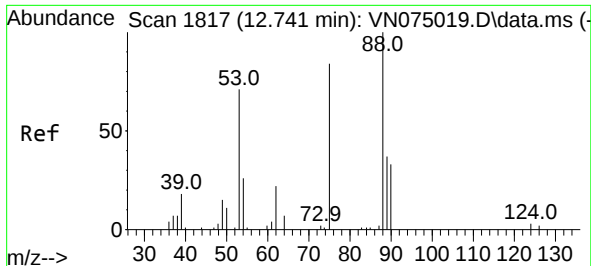
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.741 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

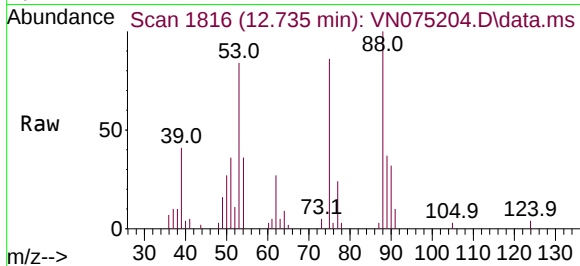
Tgt Ion:105 Resp: 108397
Ion Ratio Lower Upper
105 100
120 49.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.656 ug/l m
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

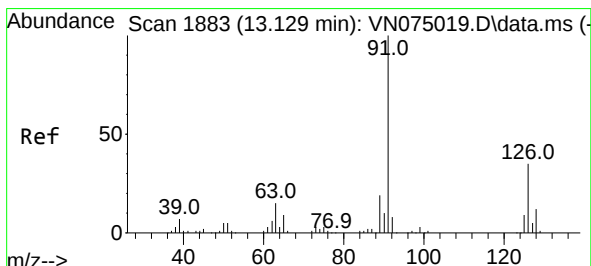
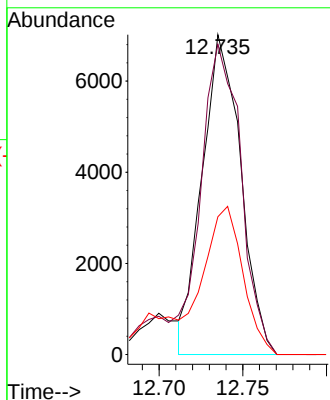
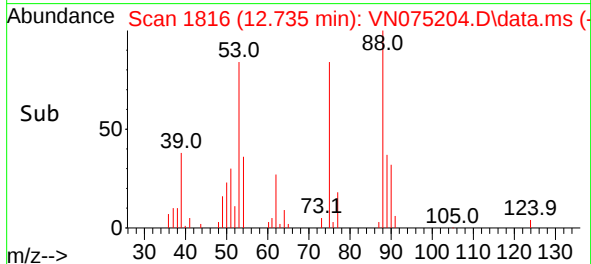
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



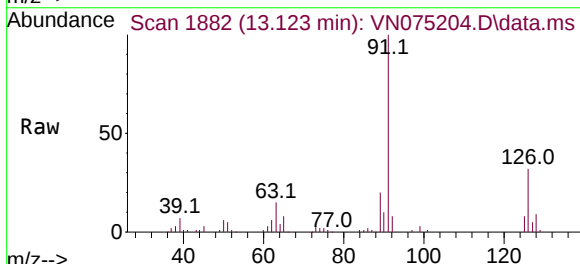
Tgt Ion: 75 Resp: 11219
Ion Ratio Lower Upper
75 100
53 113.0 78.5 117.7
89 47.8 37.7 56.5

Manual Integrations
APPROVED

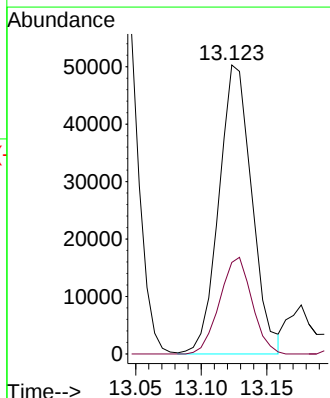
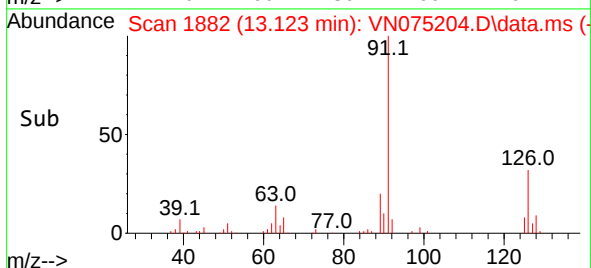
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

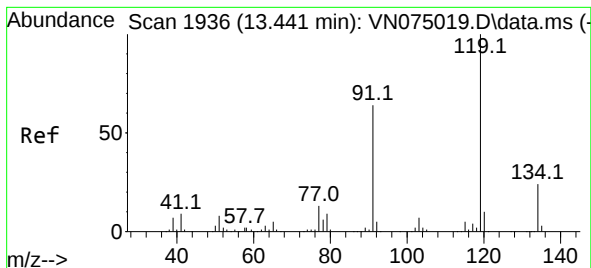


#82
4-Chlorotoluene
Concen: 19.631 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



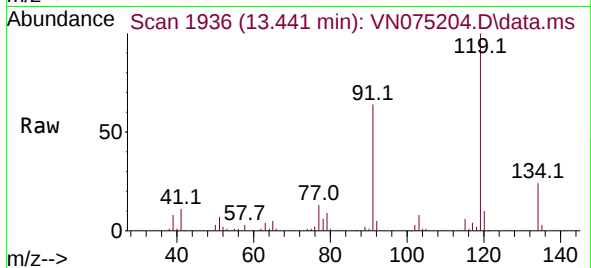
Tgt Ion: 91 Resp: 88050
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.7





#83
tert-Butylbenzene
Concen: 19.511 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

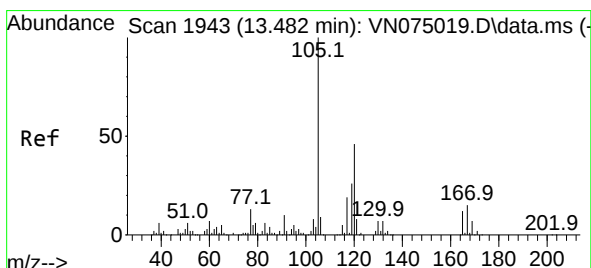
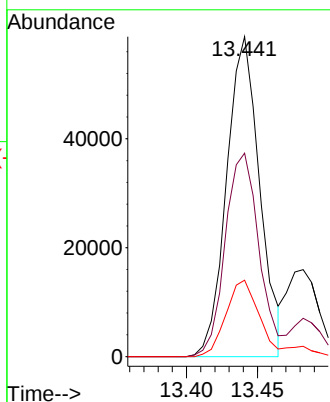
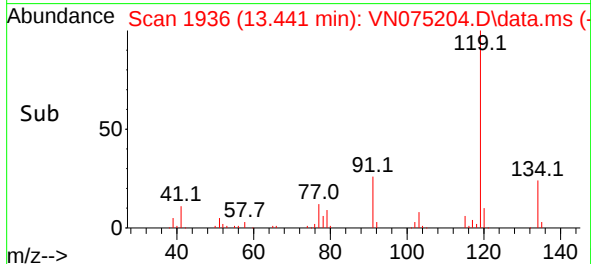
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



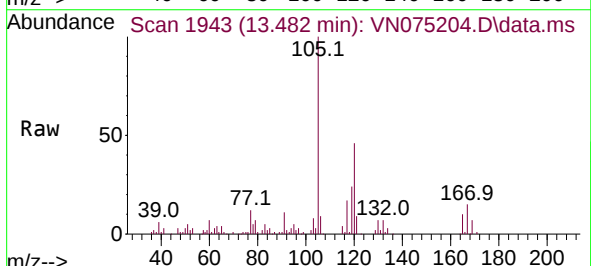
Tgt Ion:119 Resp: 95194
Ion Ratio Lower Upper
119 100
91 66.1 32.8 98.4
134 24.2 12.3 36.9

Manual Integrations
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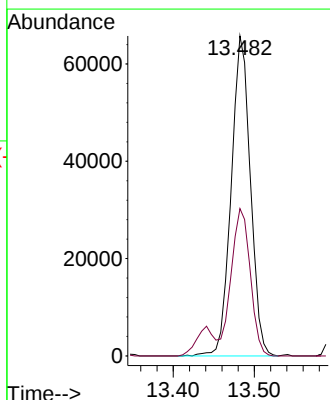
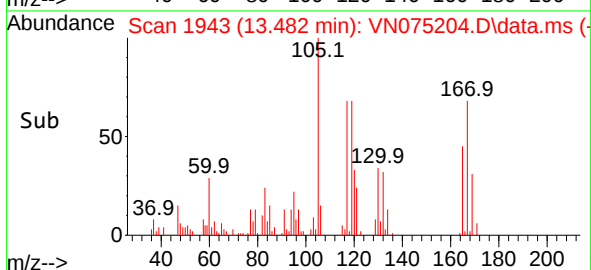
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

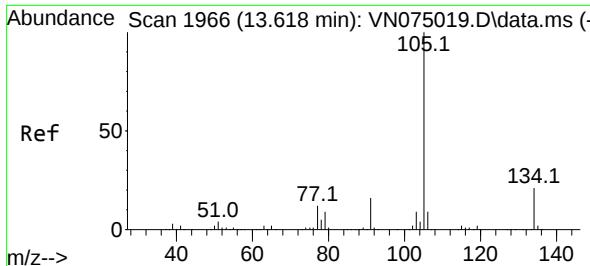


#84
1,2,4-Trimethylbenzene
Concen: 19.466 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



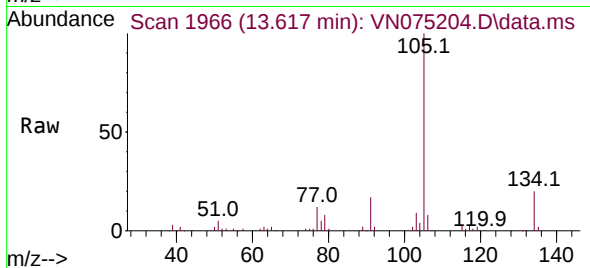
Tgt Ion:105 Resp: 108146
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 19.588 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075204.D
 Acq: 08 Nov 2022 12:07

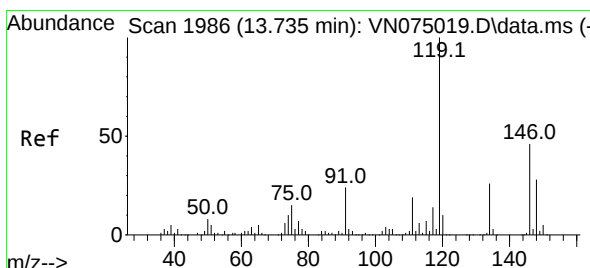
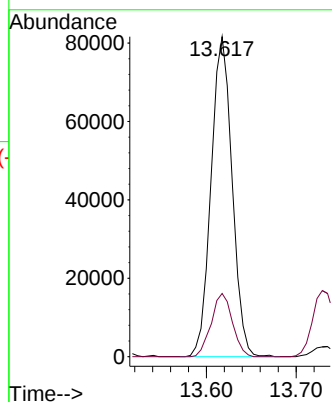
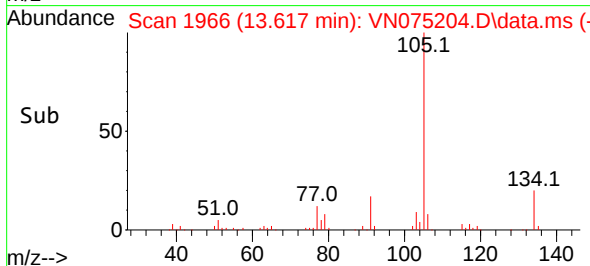
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1108WBS01



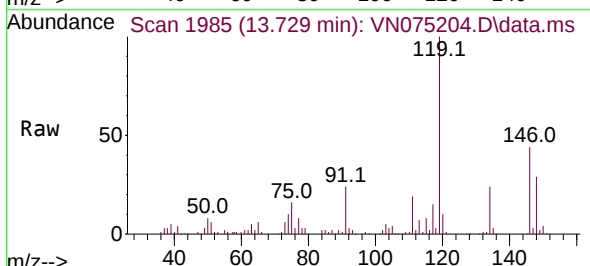
Tgt Ion:105 Resp: 133693
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.6

Manual Integrations
 APPROVED

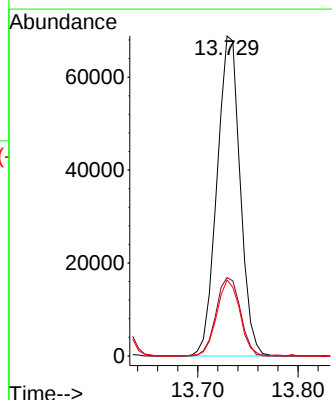
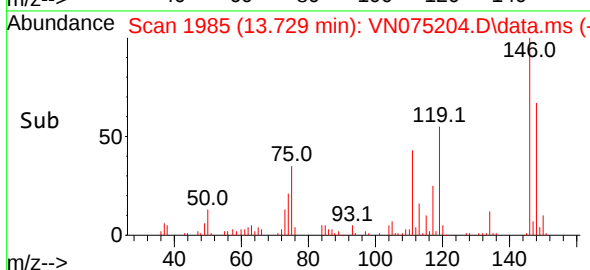
Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022

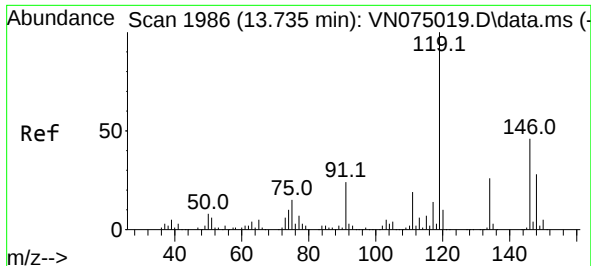


#86
 p-Isopropyltoluene
 Concen: 19.622 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075204.D
 Acq: 08 Nov 2022 12:07



Tgt Ion:119 Resp: 110607
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.3
 91 23.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 19.414 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

Tgt Ion:146 Resp: 5471

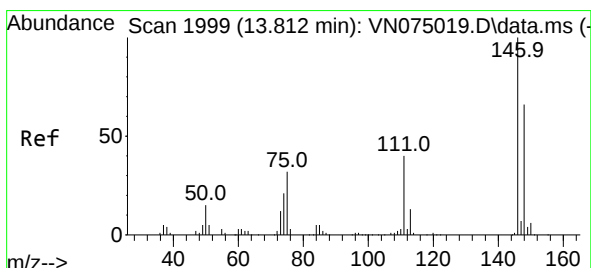
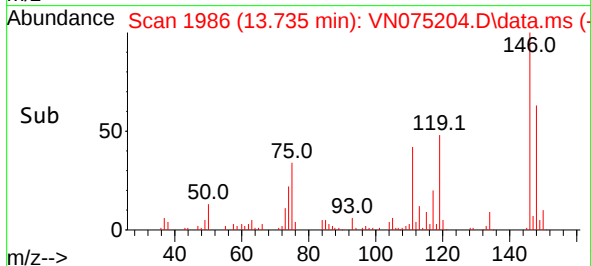
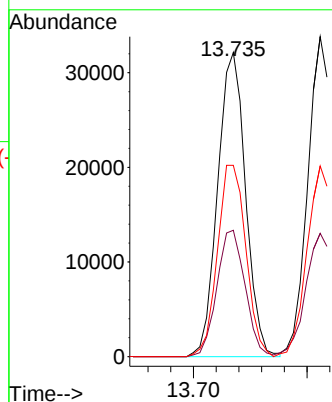
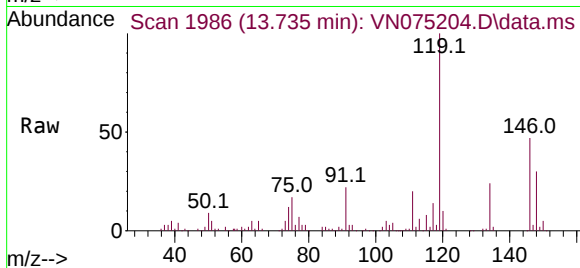
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	64.1	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#88

1,4-Dichlorobenzene

Concen: 19.898 ug/l

RT: 13.812 min Scan# 1999

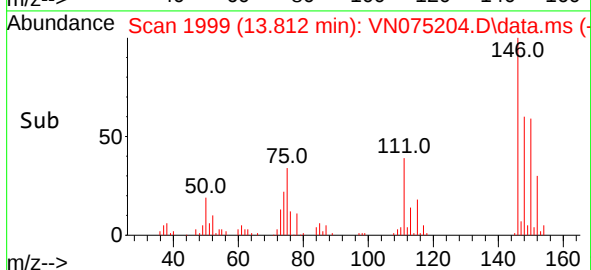
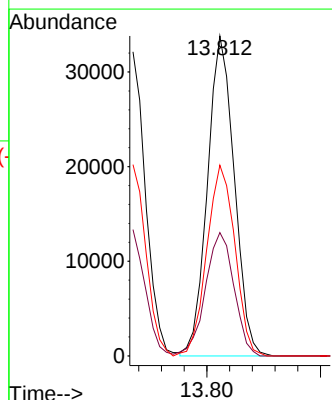
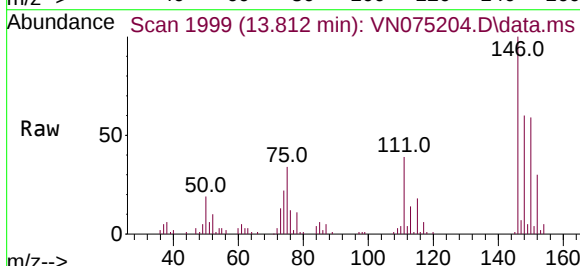
Delta R.T. -0.000 min

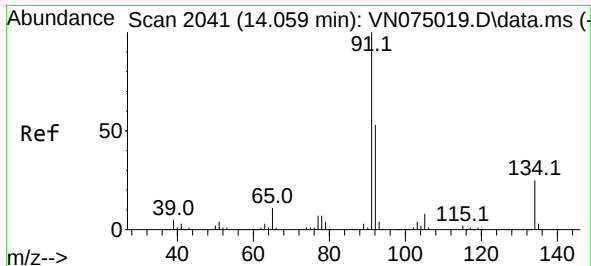
Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Tgt Ion:146 Resp: 55501

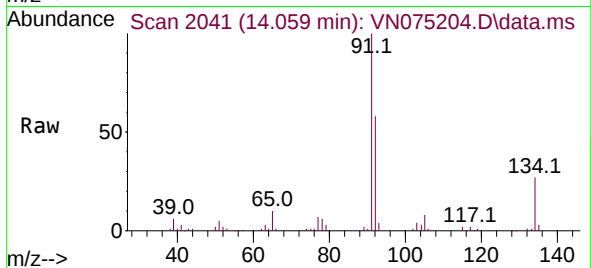
Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.1	60.3
148	62.3	31.9	95.7





#89
n-Butylbenzene
Concen: 19.511 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

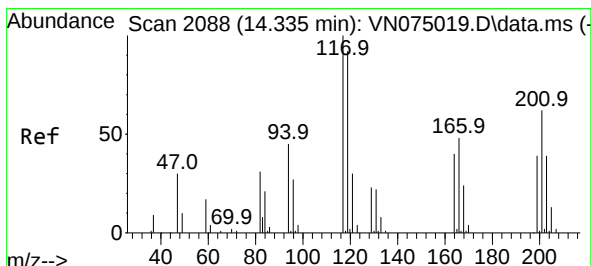
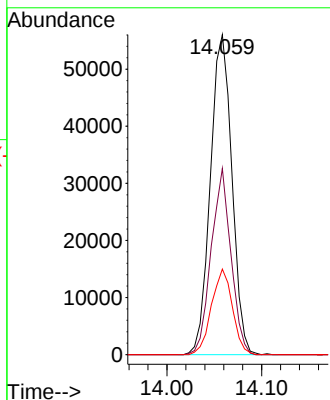
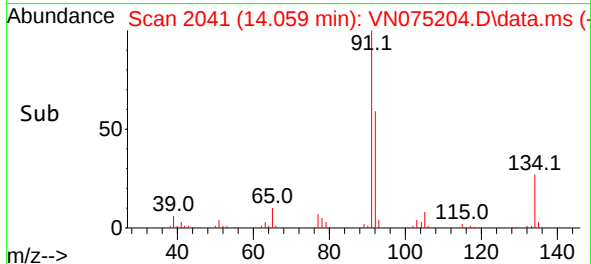
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



Tgt Ion: 91 Resp: 88568
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 26.0 13.0 39.0

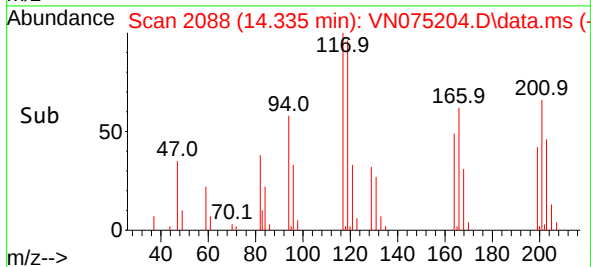
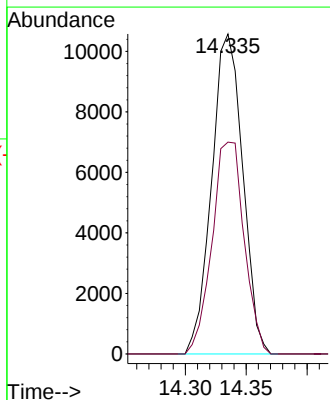
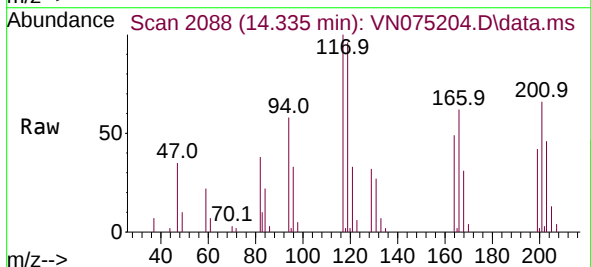
Manual Integrations
APPROVED

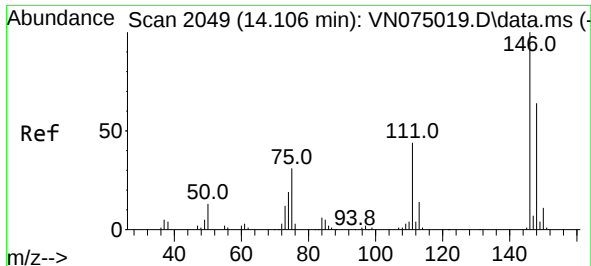
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#90
Hexachloroethane
Concen: 18.177 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

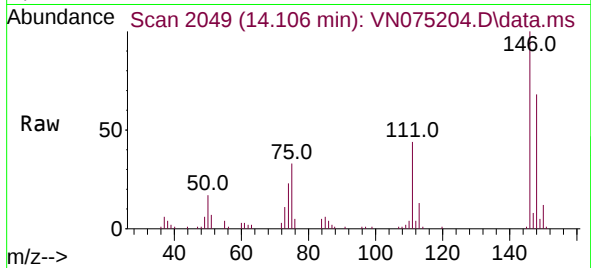
Tgt Ion:117 Resp: 18786
Ion Ratio Lower Upper
117 100
201 68.4 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.099 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

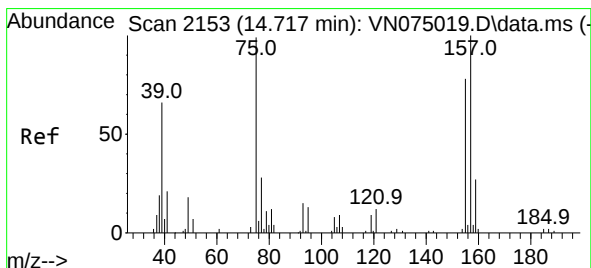
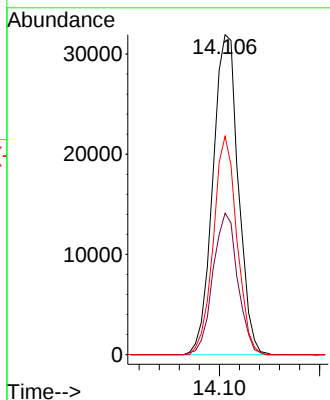
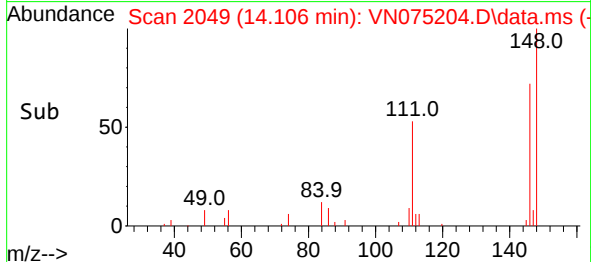
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



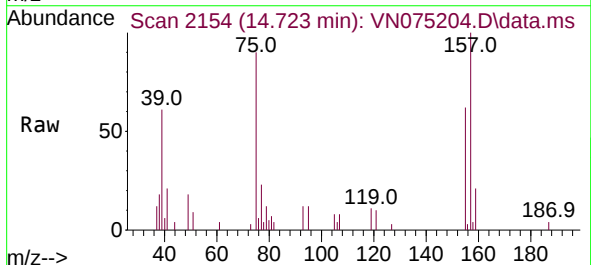
Tgt Ion:146 Resp: 5631
Ion Ratio Lower Upper
146 100
111 43.0 21.3 63.9
148 62.9 31.4 94.2

Manual Integrations
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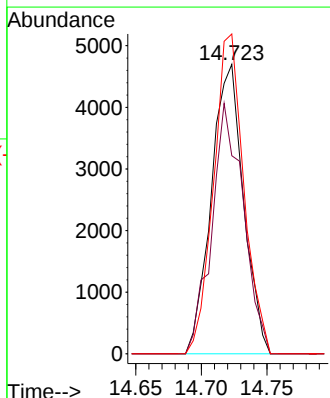
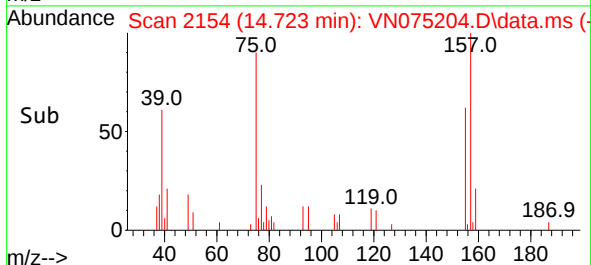
Reviewed By :John Carbone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

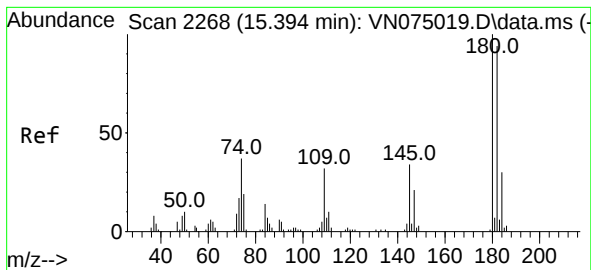


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.205 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



Tgt Ion: 75 Resp: 8028
Ion Ratio Lower Upper
75 100
155 84.6 42.1 126.3
157 104.2 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 20.444 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1108WBS01

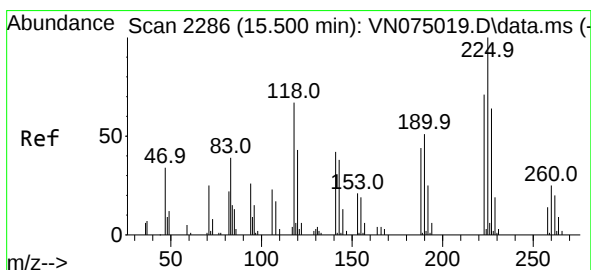
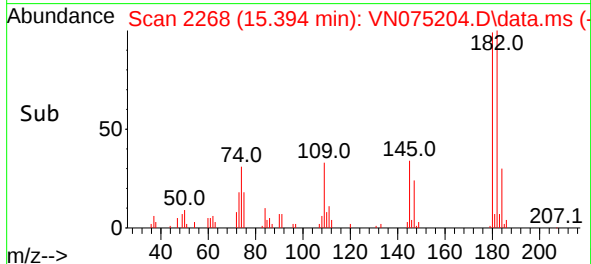
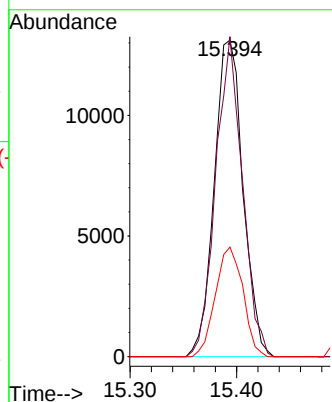
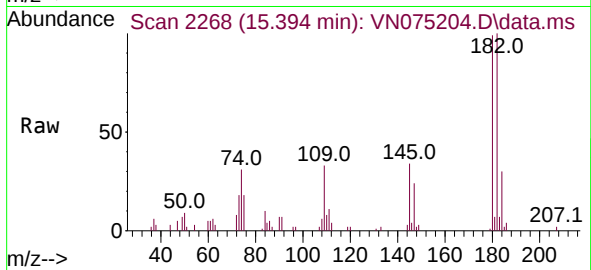
Tgt Ion:180	Resp:	24650
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.8 143.4
145	33.1	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022



#94

Hexachlorobutadiene

Concen: 20.164 ug/l

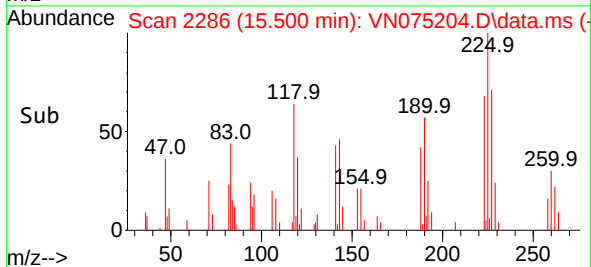
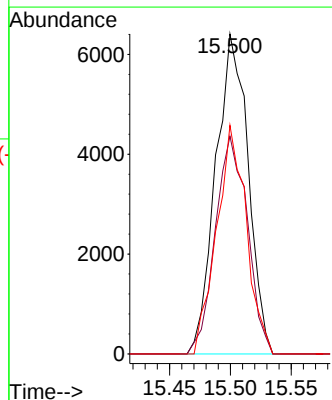
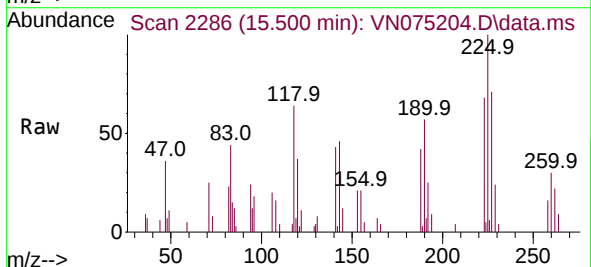
RT: 15.500 min Scan# 2286

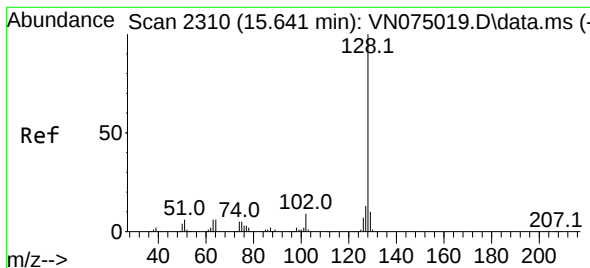
Delta R.T. -0.000 min

Lab File: VN075204.D

Acq: 08 Nov 2022 12:07

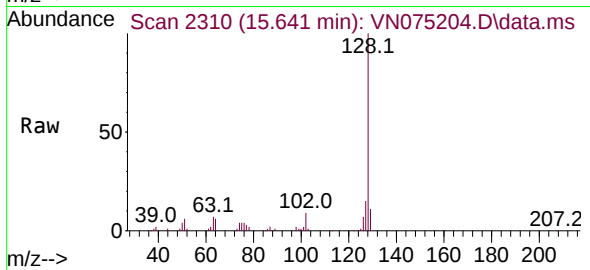
Tgt Ion:225	Resp:	11852
Ion Ratio	Lower	Upper
225	100	
223	67.4	32.3 96.9
227	65.4	32.0 96.2





#95
Naphthalene
Concen: 18.667 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07

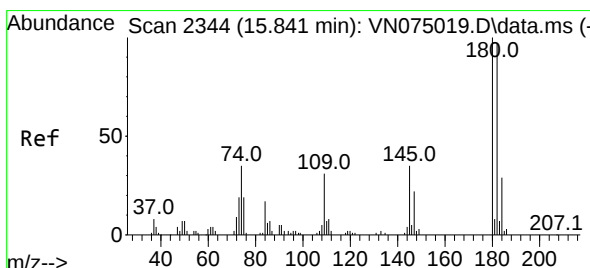
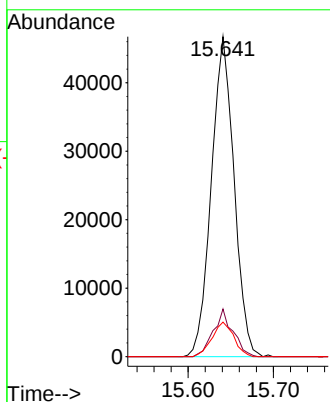
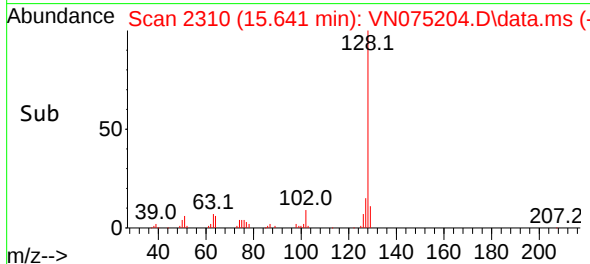
Instrument :
MSVOA_N
ClientSampleId :
VN1108WBS01



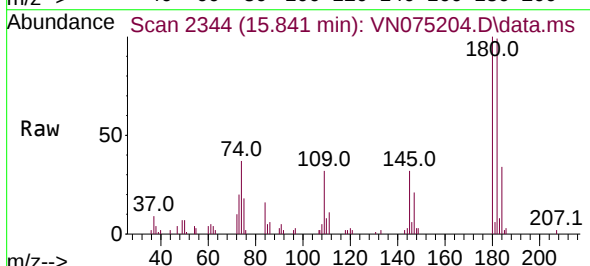
Tgt Ion:128 Resp: 86554
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.618 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075204.D
Acq: 08 Nov 2022 12:07



Tgt Ion:180 Resp: 23502
Ion Ratio Lower Upper
180 100
182 99.2 47.3 141.8
145 35.1 17.6 52.9

