

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075841.D
 Acq On : 16 Dec 2022 12:37
 Operator : JC\MD
 Sample : VN1216MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

Quant Time: Dec 17 08:37:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	294387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	485592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	451593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	181819	56.771	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.540%			
35) Dibromofluoromethane	8.171	113	159724	53.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.220%			
50) Toluene-d8	10.571	98	584512	51.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.853	95	203524	54.652	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	36939	17.672	ug/l	97
3) Chloromethane	2.377	50	46603	17.930	ug/l	94
4) Vinyl Chloride	2.530	62	54908	17.710	ug/l	95
5) Bromomethane	2.959	94	48489	18.402	ug/l	94
6) Chloroethane	3.130	64	42743	18.616	ug/l	99
7) Trichlorofluoromethane	3.512	101	82993	17.641	ug/l	100
8) Diethyl Ether	3.971	74	36654	21.331	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	47904	17.832	ug/l	98
10) Methyl Iodide	4.601	142	79690	18.279	ug/l	100
11) Tert butyl alcohol	5.536	59	42885	94.633	ug/l	99
12) 1,1-Dichloroethene	4.359	96	45848	17.572	ug/l	99
13) Acrolein	4.195	56	77300	139.135	ug/l	98
14) Allyl chloride	5.042	41	63198	20.720	ug/l	98
15) Acrylonitrile	5.736	53	135627	109.670	ug/l	98
16) Acetone	4.442	43	105577	95.630	ug/l	97
17) Carbon Disulfide	4.724	76	99481	15.748	ug/l	97
18) Methyl Acetate	5.036	43	70202	21.512	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	187867	21.865	ug/l	99
20) Methylene Chloride	5.289	84	60747	20.187	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	51910	18.167	ug/l	95
22) Diisopropyl ether	6.683	45	157972	21.321	ug/l #	98
23) Vinyl Acetate	6.618	43	553847	111.057	ug/l	99
24) 1,1-Dichloroethane	6.577	63	93913	19.005	ug/l	99
25) 2-Butanone	7.494	43	165410	107.004	ug/l	94
26) 2,2-Dichloropropane	7.500	77	76623	18.310	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	66463	19.448	ug/l	98
28) Bromochloromethane	7.824	49	43620	20.140	ug/l #	99
29) Tetrahydrofuran	7.847	42	109347	112.877	ug/l	99
30) Chloroform	7.977	83	107680	19.354	ug/l	98
31) Cyclohexane	8.259	56	84337	18.387	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	91544	18.560	ug/l	96
36) 1,1-Dichloropropene	8.377	75	73302	18.350	ug/l	99
37) Ethyl Acetate	7.571	43	69256	21.583	ug/l	97
38) Carbon Tetrachloride	8.371	117	78884	17.643	ug/l	98
39) Methylcyclohexane	9.606	83	93958	19.496	ug/l	96
40) Benzene	8.612	78	232922	18.898	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	39429	23.640	ug/l	95
42) 1,2-Dichloroethane	8.677	62	84261	20.563	ug/l	99
43) Isopropyl Acetate	8.694	43	120274	22.723	ug/l	98
44) Trichloroethene	9.353	130	61915	17.831	ug/l	96
45) 1,2-Dichloropropane	9.624	63	59759	19.924	ug/l	97
46) Dibromomethane	9.712	93	46201	20.768	ug/l	98
47) Bromodichloromethane	9.894	83	84448	19.358	ug/l	98
48) Methyl methacrylate	9.683	41	54904	23.030	ug/l	98
49) 1,4-Dioxane	9.700	88	23052	393.322	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	361880	113.050	ug/l	100
52) Toluene	10.635	92	156475	19.493	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	86822	20.331	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	95864	20.446	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	67484	21.419	ug/l	96
56) Ethyl methacrylate	10.877	69	98258	23.479	ug/l	100
57) 1,3-Dichloropropane	11.165	76	108725	21.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	175221	131.506	ug/l	99
59) 2-Hexanone	11.200	43	261873	112.179	ug/l	100
60) Dibromochloromethane	11.365	129	68844	19.648	ug/l	97
61) 1,2-Dibromoethane	11.471	107	67127	21.053	ug/l	97
64) Tetrachloroethene	11.106	164	55821	17.566	ug/l	96
65) Chlorobenzene	11.894	112	169161	18.250	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	64932	18.913	ug/l	98
67) Ethyl Benzene	11.965	91	295081	18.863	ug/l	100
68) m/p-Xylenes	12.077	106	232222	37.506	ug/l	99
69) o-Xylene	12.400	106	122235	19.949	ug/l	99
70) Styrene	12.418	104	194187	19.932	ug/l	99
71) Bromoform	12.582	173	51366	20.562	ug/l #	98
73) Isopropylbenzene	12.700	105	303459	20.040	ug/l	100
74) N-amyl acetate	12.500	43	102578	23.091	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	98080	20.952	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	91316m	21.619	ug/l	
77) Bromobenzene	12.982	156	73248	19.114	ug/l	97
78) n-propylbenzene	13.041	91	346471	20.745	ug/l	93
79) 2-Chlorotoluene	13.129	91	204246	19.591	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	259411	20.469	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24616	20.977	ug/l	91
82) 4-Chlorotoluene	13.129	91	204246	19.591	ug/l	99
83) tert-Butylbenzene	13.441	119	227183	20.331	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	257014	20.442	ug/l	97
85) sec-Butylbenzene	13.618	105	334210	21.670	ug/l	100
86) p-Isopropyltoluene	13.735	119	281992	21.974	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	133204	18.817	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	133142	18.411	ug/l	97
89) n-Butylbenzene	14.059	91	216565	20.831	ug/l	98
90) Hexachloroethane	14.335	117	40465	17.627	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	136707	19.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16922	20.372	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	67003	19.410	ug/l	98
94) Hexachlorobutadiene	15.506	225	34232	18.176	ug/l	99
95) Naphthalene	15.647	128	230750	21.530	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.847	180	65650	20.348	ug/l	91

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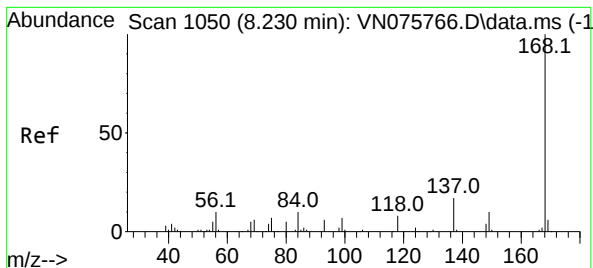
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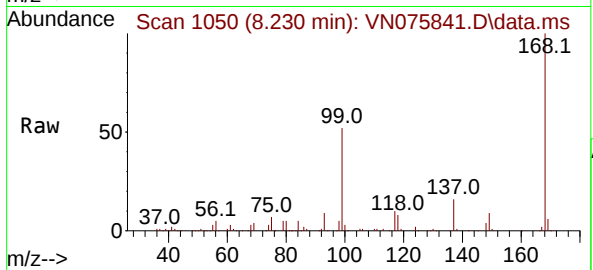
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075841.D
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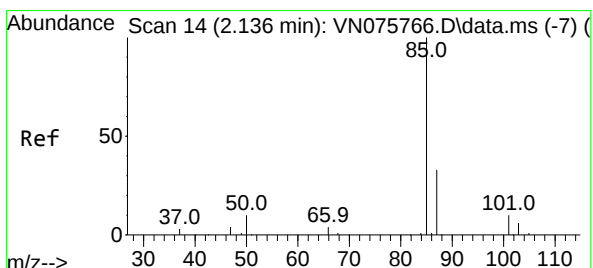
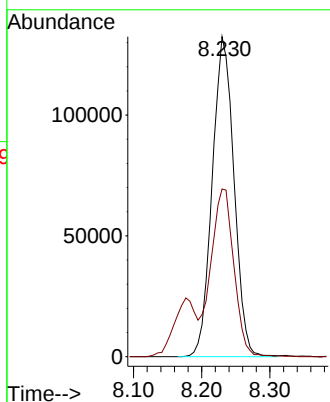
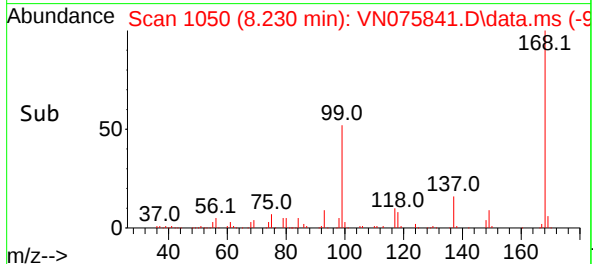
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 29438
Ion Ratio Lower Upper
168 100
99 52.2 44.2 66.4

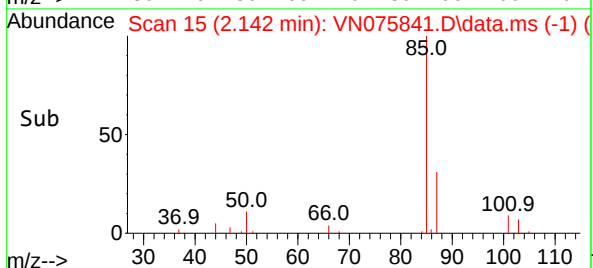
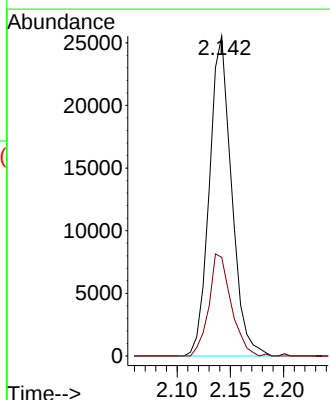
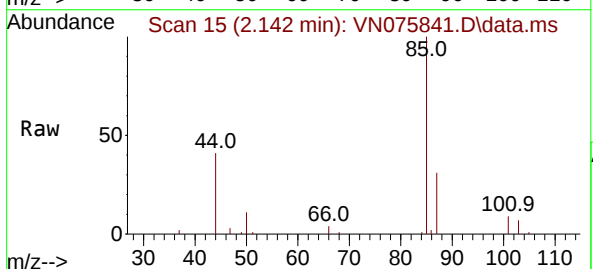
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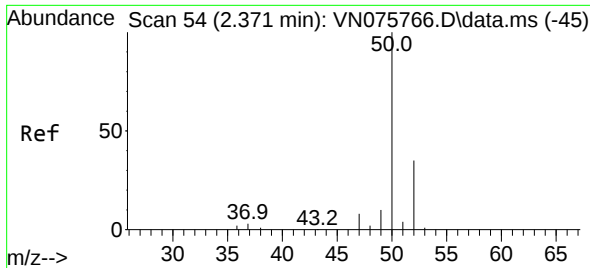
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#2
Dichlorodifluoromethane
Concen: 17.672 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 85 Resp: 36939
Ion Ratio Lower Upper
85 100
87 30.8 16.3 48.9





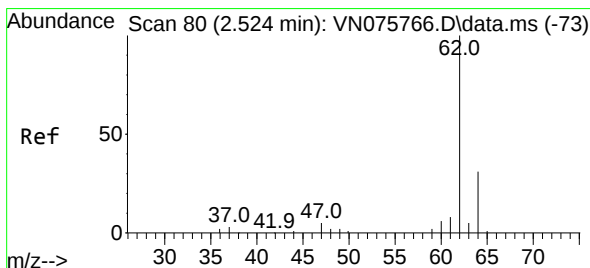
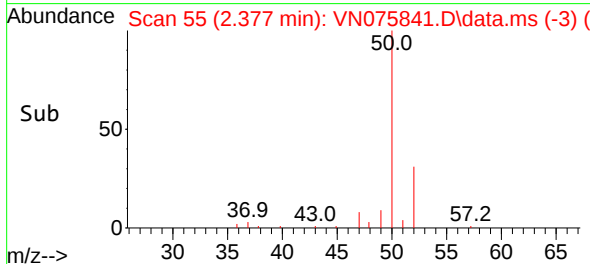
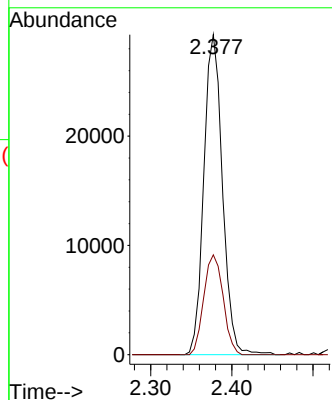
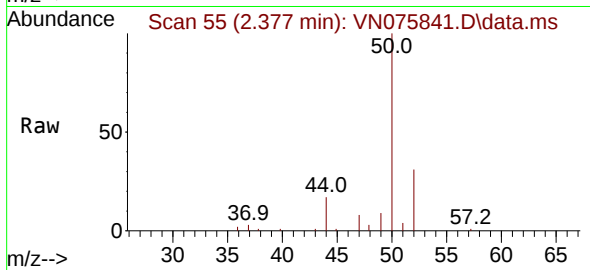
#3
Chloromethane
Concen: 17.930 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 4660
Ion Ratio Lower Upper
50 100
52 31.2 27.7 41.5

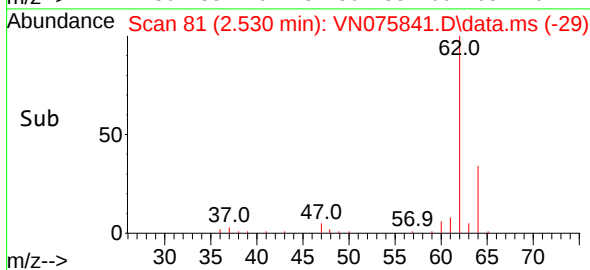
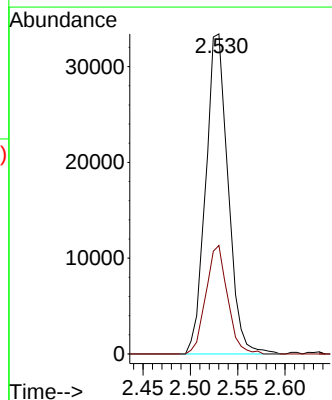
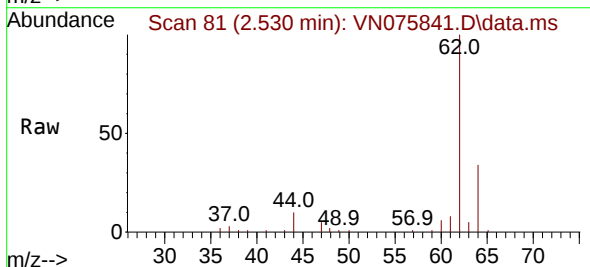
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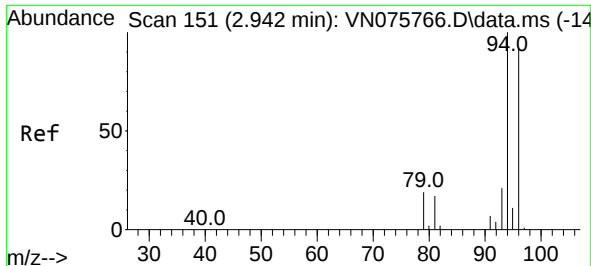
Reviewed By :John Carlone 12/19/2022
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#4
Vinyl Chloride
Concen: 17.710 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

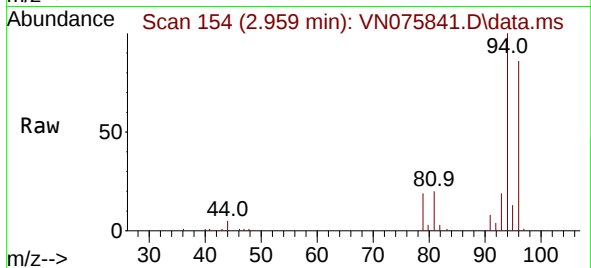
Tgt Ion: 62 Resp: 54908
Ion Ratio Lower Upper
62 100
64 33.9 24.9 37.3





#5
Bromomethane
Concen: 18.402 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.018 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

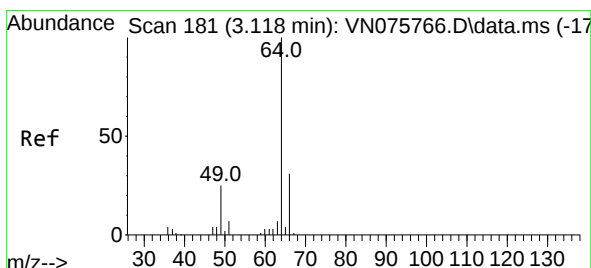
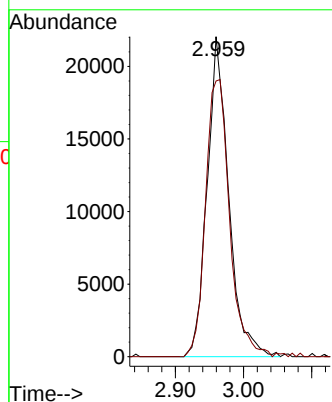
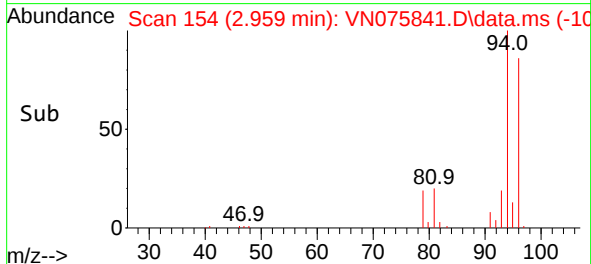
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Tgt Ion: 94 Resp: 48489
Ion Ratio Lower Upper
94 100
96 86.1 73.8 110.6

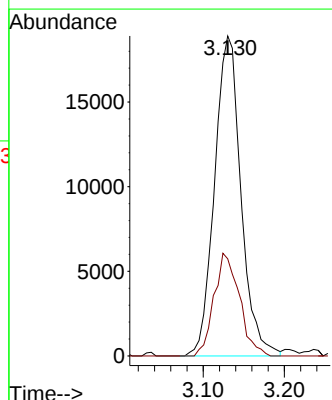
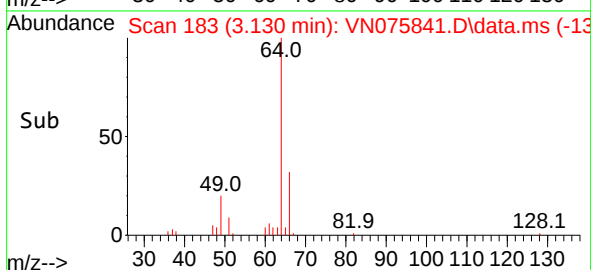
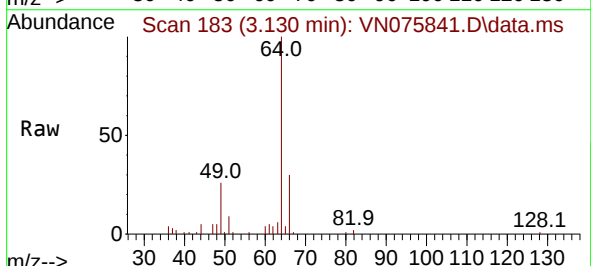
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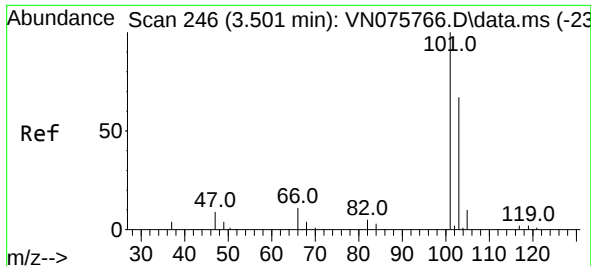
Reviewed By :John Carlone 12/19/2022
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#6
Chloroethane
Concen: 18.616 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075841.D
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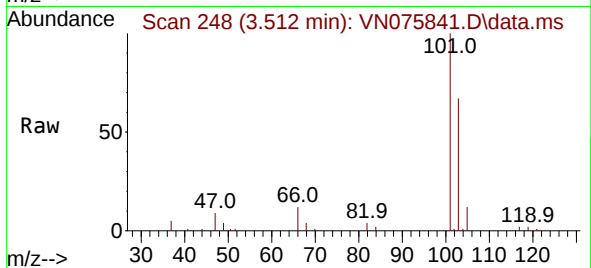
Tgt Ion: 64 Resp: 42743
Ion Ratio Lower Upper
64 100
66 30.4 24.6 36.8





#7
Trichlorofluoromethane
Concen: 17.641 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

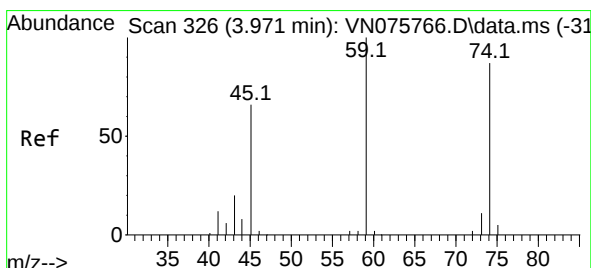
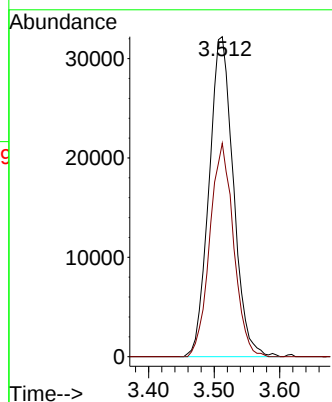
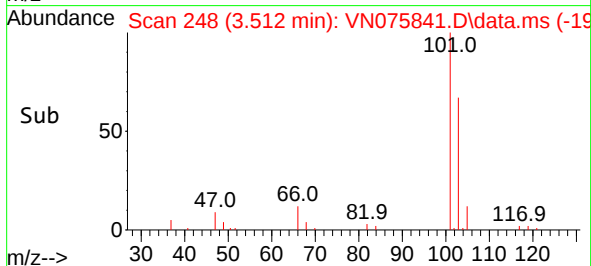
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion:101 Resp: 8299
Ion Ratio Lower Upper
101 100
103 66.7 53.4 80.2

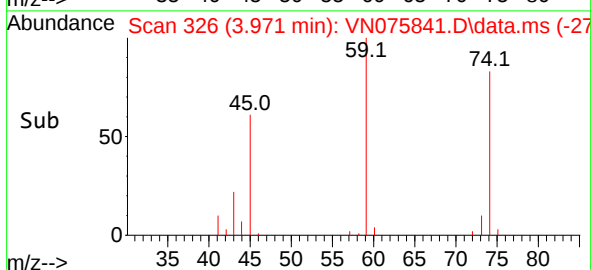
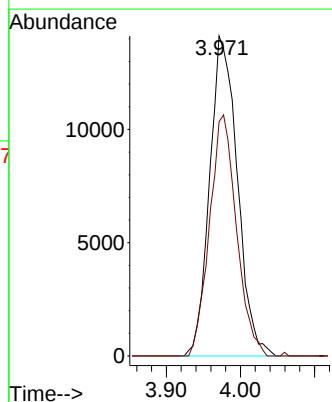
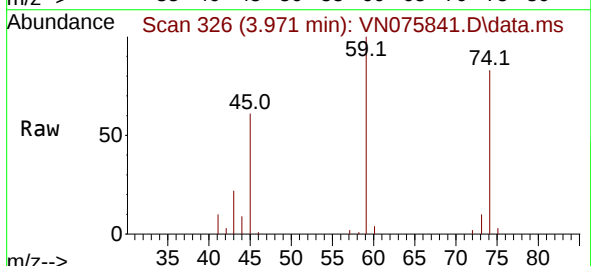
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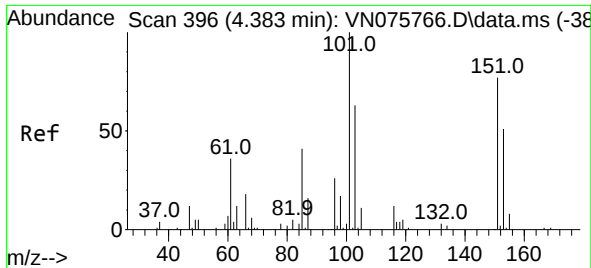
Reviewed By :John Carlone 12/19/2022
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#8
Diethyl Ether
Concen: 21.331 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 74 Resp: 36654
Ion Ratio Lower Upper
74 100
45 73.3 37.8 113.4





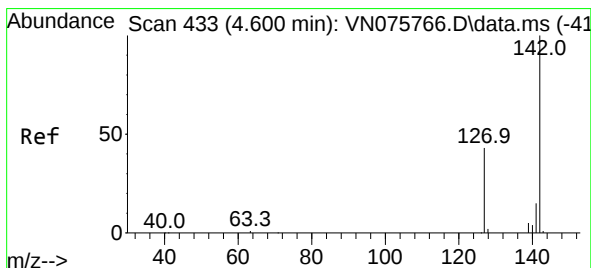
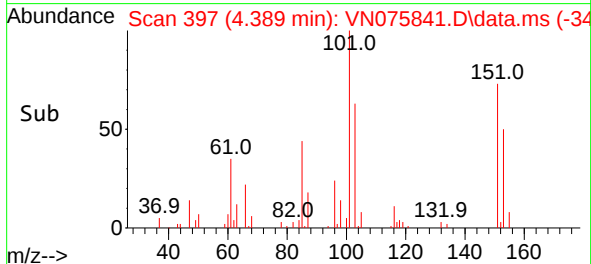
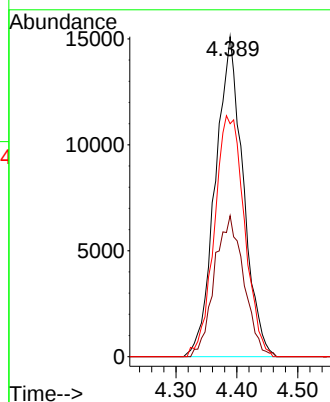
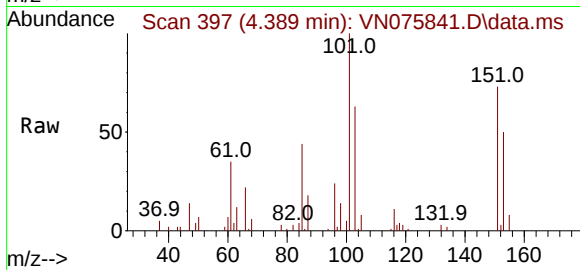
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.832 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion:101 Resp: 47904
Ion Ratio Lower Upper
101 100
85 46.5 35.3 52.9
151 81.5 65.6 98.4

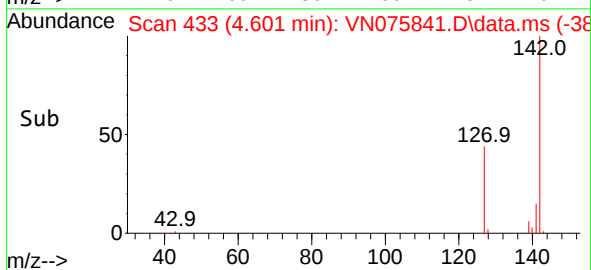
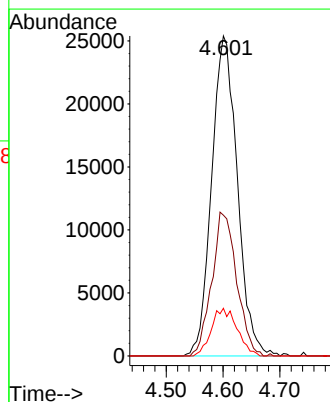
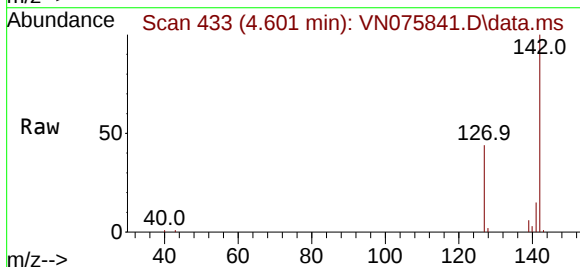
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#10
Methyl Iodide
Concen: 18.279 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

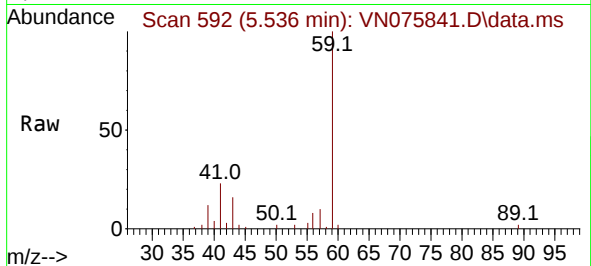
Tgt Ion:142 Resp: 79690
Ion Ratio Lower Upper
142 100
127 43.5 34.7 52.1
141 15.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 94.633 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

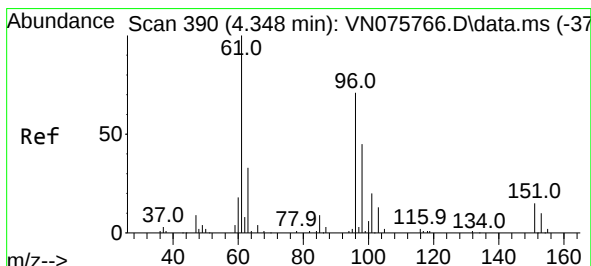
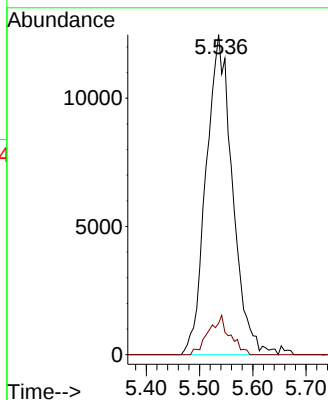
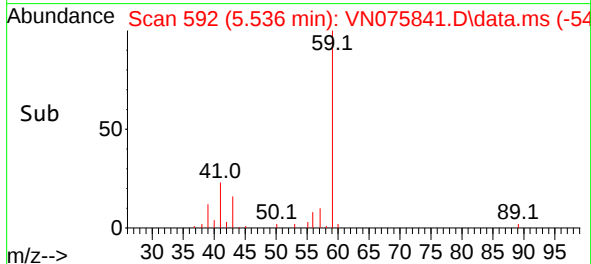
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



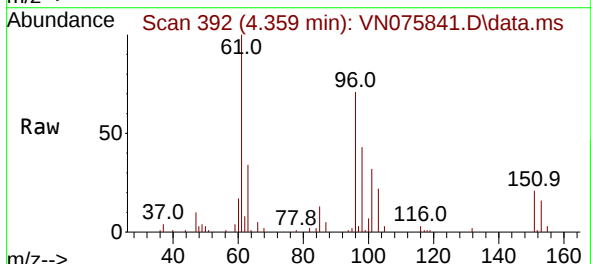
Tgt Ion: 59 Resp: 4288
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

Manual Integrations
APPROVED

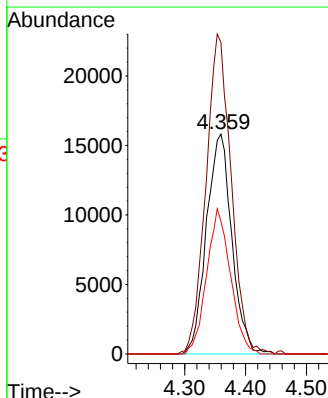
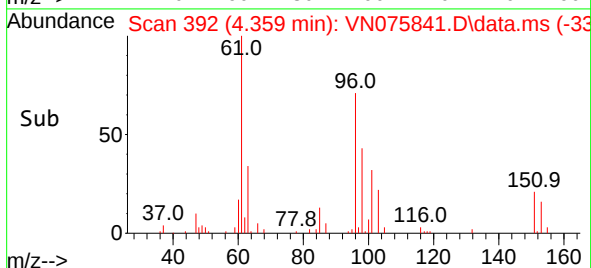
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#12
1,1-Dichloroethene
Concen: 17.572 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37



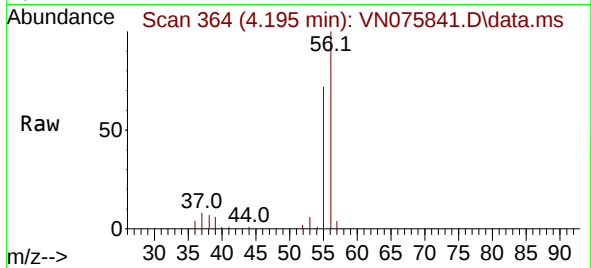
Tgt Ion: 96 Resp: 45848
Ion Ratio Lower Upper
96 100
61 141.8 113.3 169.9
98 60.4 50.9 76.3





#13
Acrolein
Concen: 139.135 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

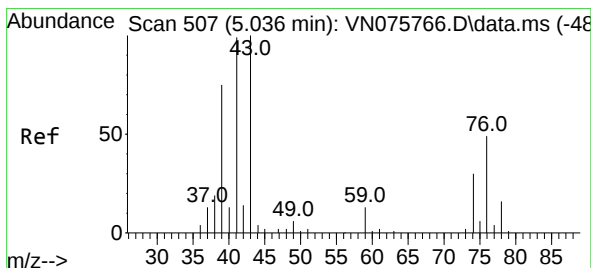
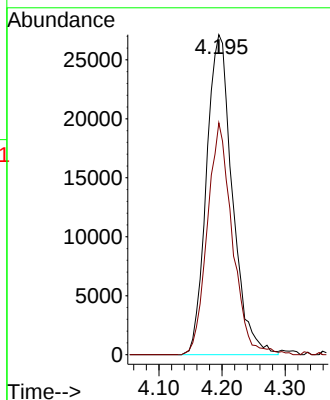
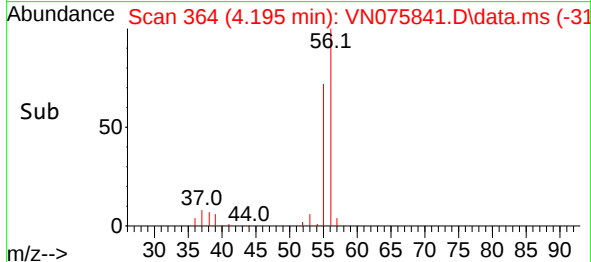
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 56 Resp: 77300
Ion Ratio Lower Upper
56 100
55 70.1 54.8 82.2

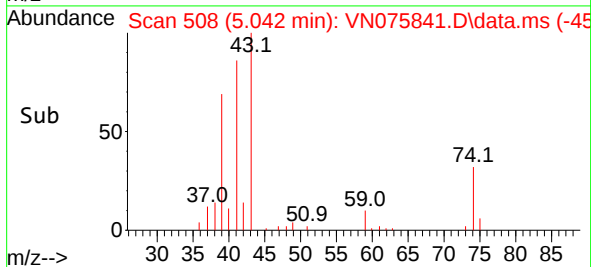
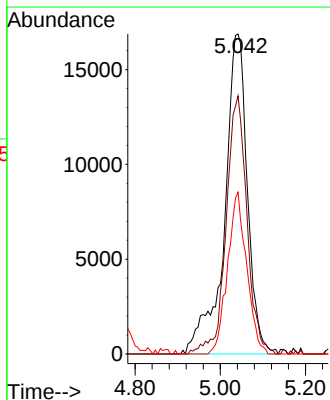
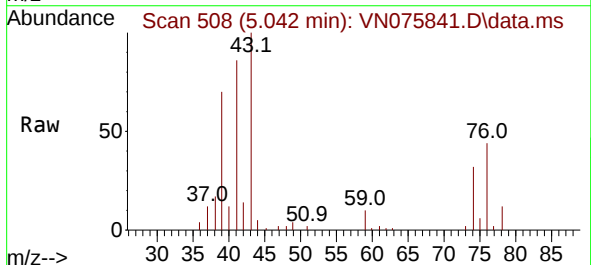
Manual Integrations
APPROVED

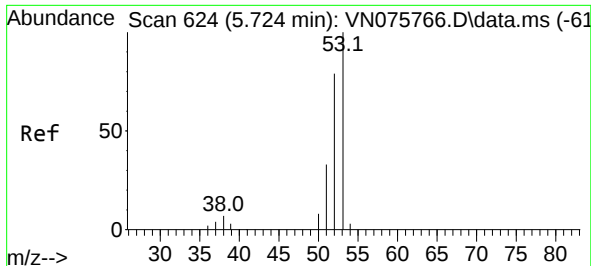
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#14
Allyl chloride
Concen: 20.720 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

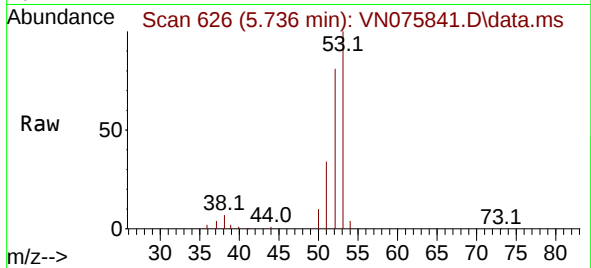
Tgt Ion: 41 Resp: 63198
Ion Ratio Lower Upper
41 100
39 72.9 58.3 87.5
76 42.1 35.8 53.6





#15
Acrylonitrile
Concen: 109.670 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

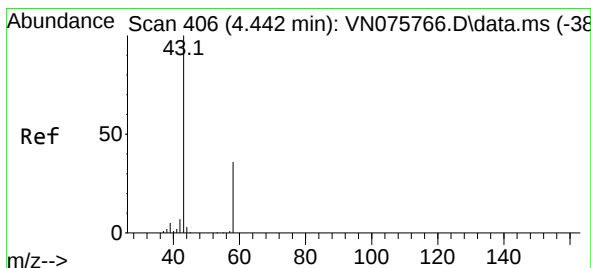
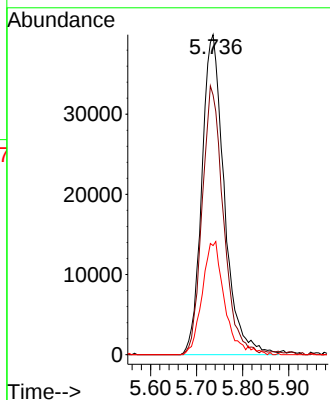
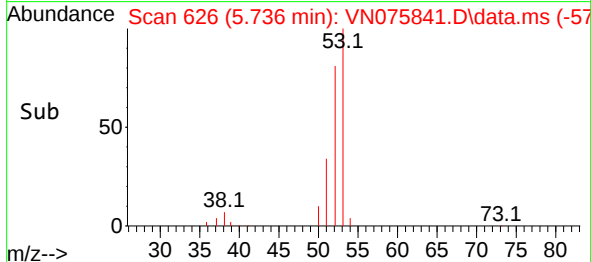
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 53 Resp: 13562
Ion Ratio Lower Upper
53 100
52 79.5 65.4 98.0
51 35.5 28.9 43.3

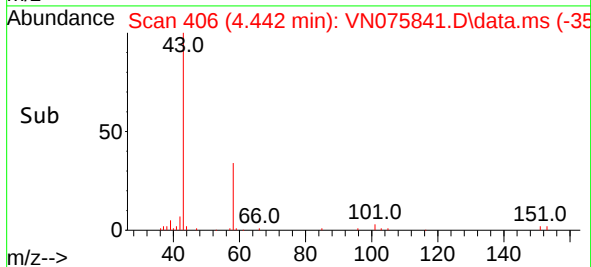
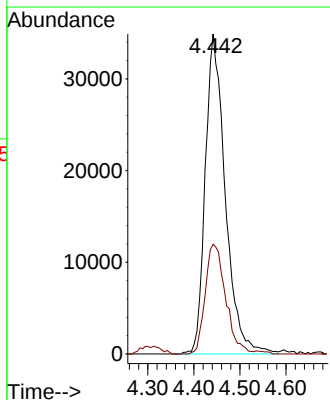
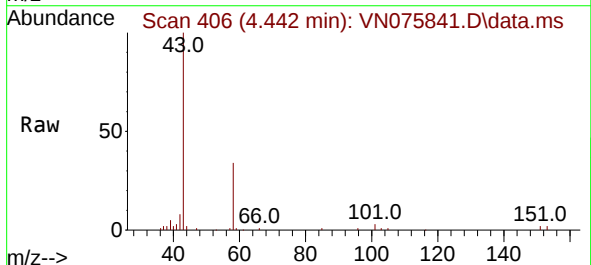
Manual Integrations
APPROVED

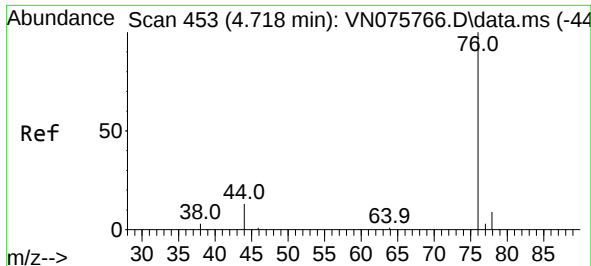
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#16
Acetone
Concen: 95.630 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

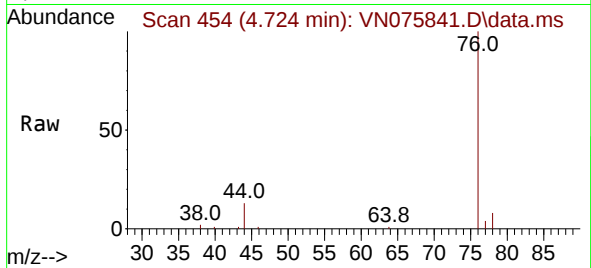
Tgt Ion: 43 Resp: 105577
Ion Ratio Lower Upper
43 100
58 34.3 28.6 43.0





#17
Carbon Disulfide
Concen: 15.748 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

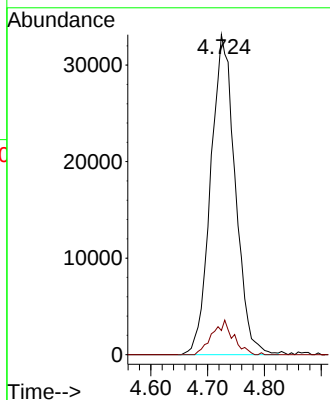
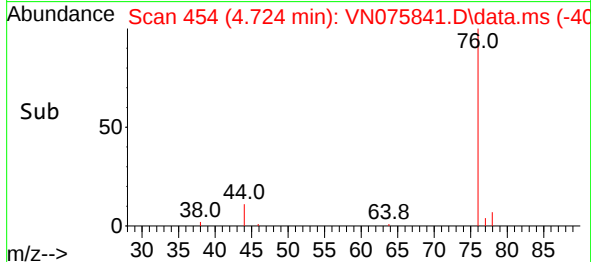
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 76 Resp: 9948
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2

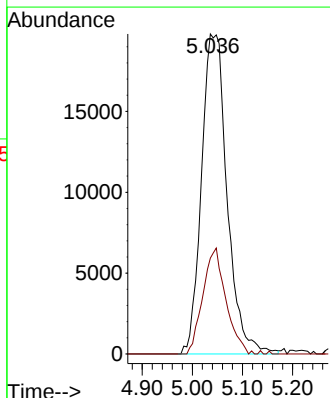
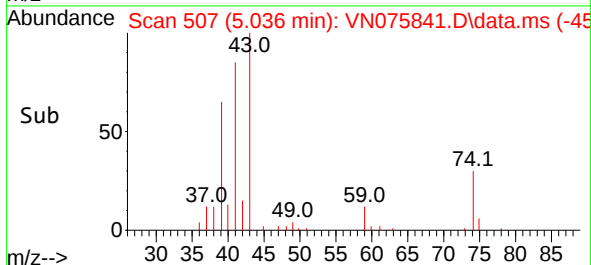
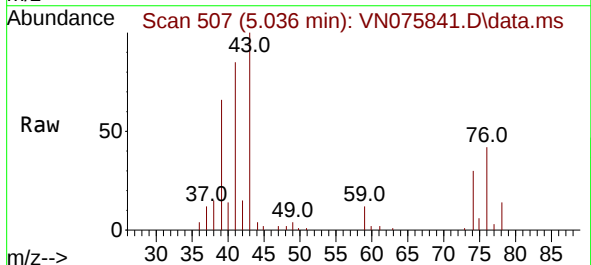
Manual Integrations
APPROVED

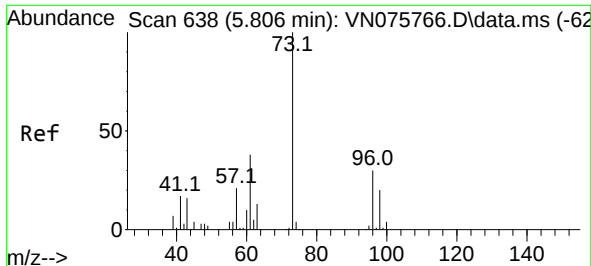
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#18
Methyl Acetate
Concen: 21.512 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 43 Resp: 70202
Ion Ratio Lower Upper
43 100
74 29.7 23.6 35.4





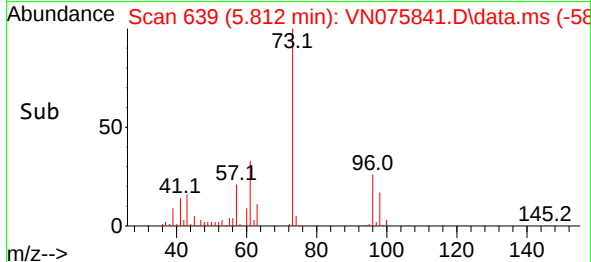
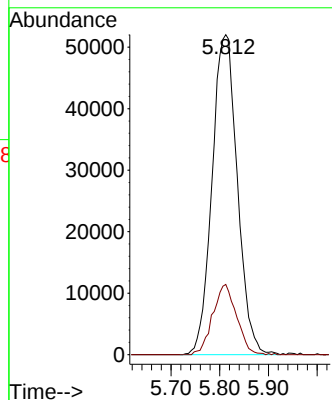
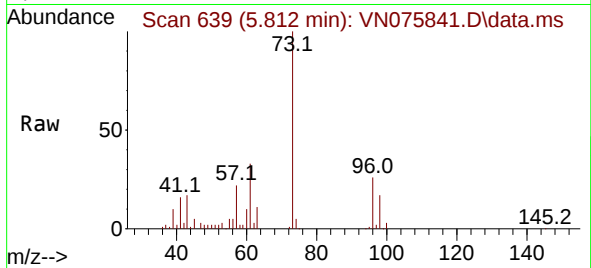
#19
Methyl tert-butyl Ether
Concen: 21.865 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 73 Resp: 18786
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7

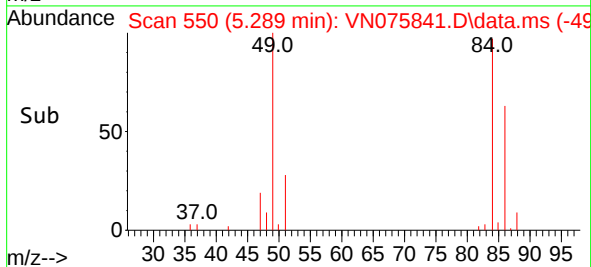
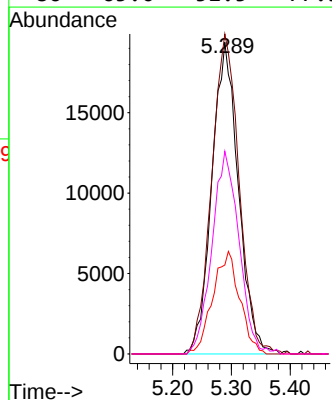
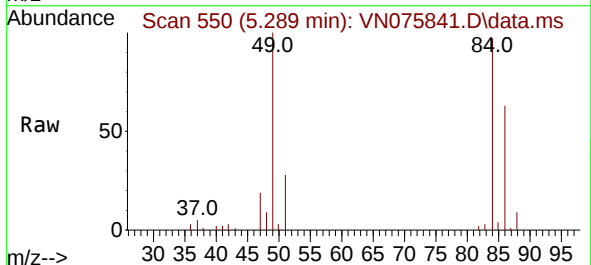
Manual Integrations
APPROVED

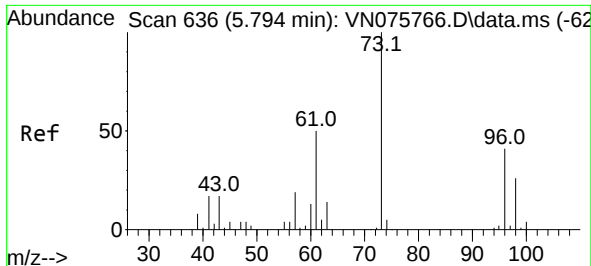
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#20
Methylene Chloride
Concen: 20.187 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 84 Resp: 60747
Ion Ratio Lower Upper
84 100
49 102.7 81.8 122.6
51 28.5 26.7 40.1
86 65.0 51.5 77.3





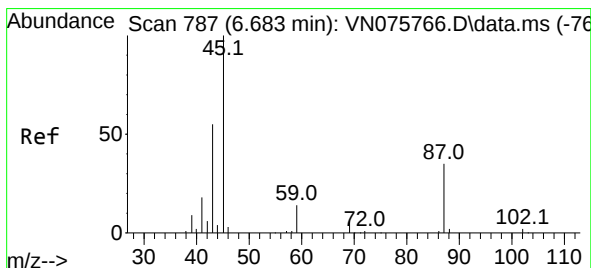
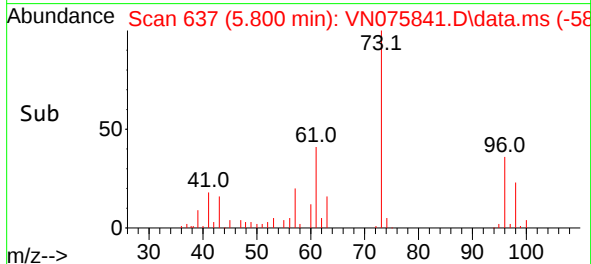
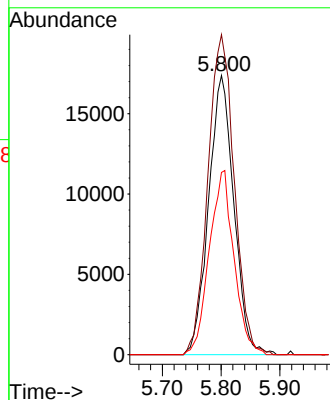
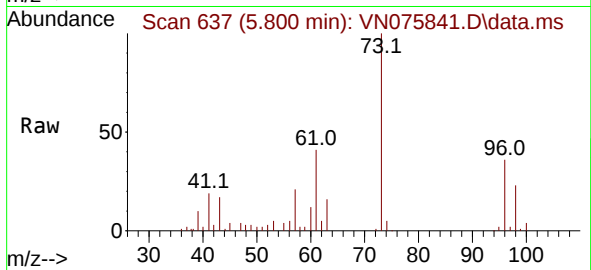
#21
trans-1,2-Dichloroethene
Concen: 18.167 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 96 Resp: 51910
Ion Ratio Lower Upper
96 100
61 114.6 98.1 147.1
98 65.3 51.4 77.2

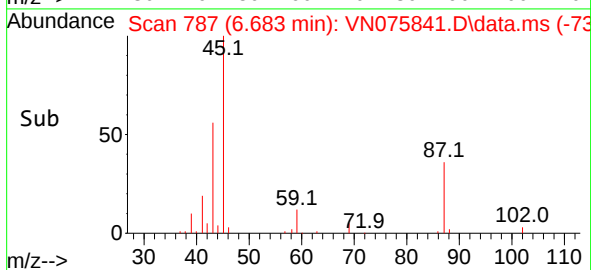
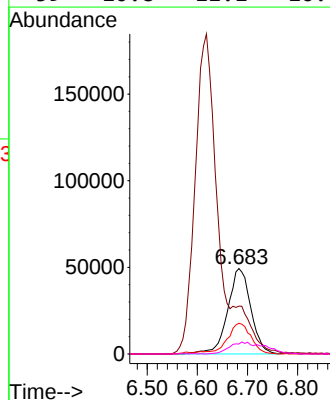
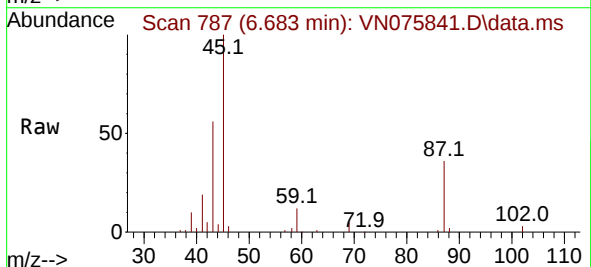
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#22
Diisopropyl ether
Concen: 21.321 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

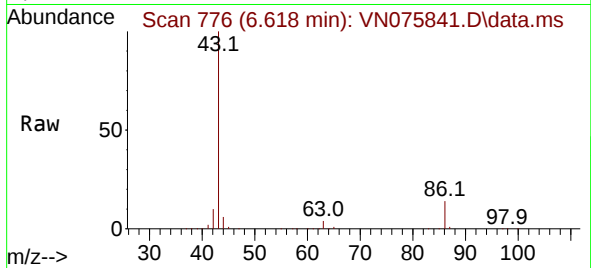
Tgt Ion: 45 Resp: 157972
Ion Ratio Lower Upper
45 100
43 54.1 44.2 66.4
87 35.9 28.3 42.5
59 10.8 11.1 16.7#





#23
 Vinyl Acetate
 Concen: 111.057 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37

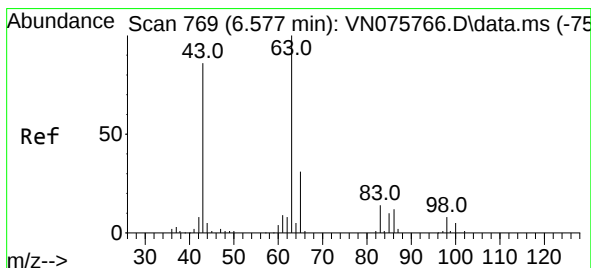
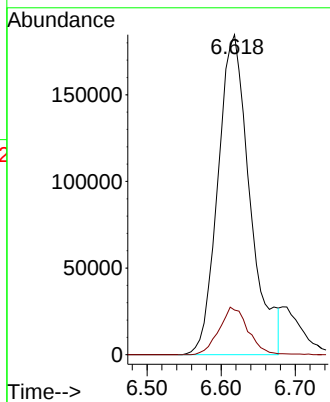
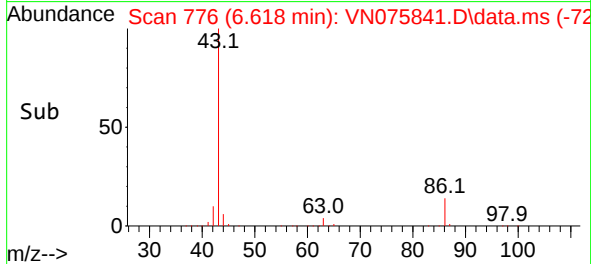
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216MBS01



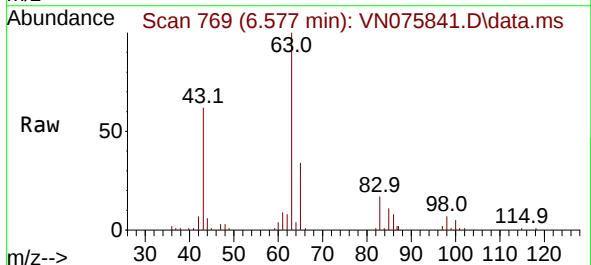
Tgt Ion: 43 Resp: 55384
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.4 17.2

Manual Integrations
 APPROVED

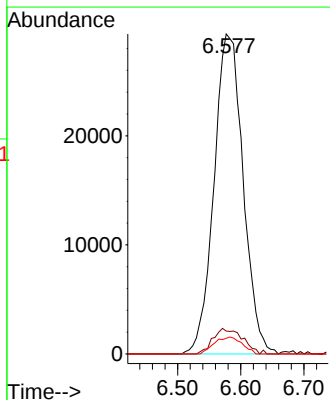
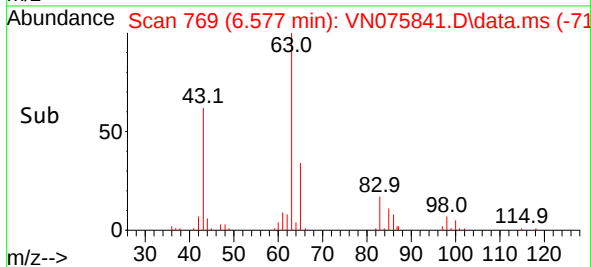
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022

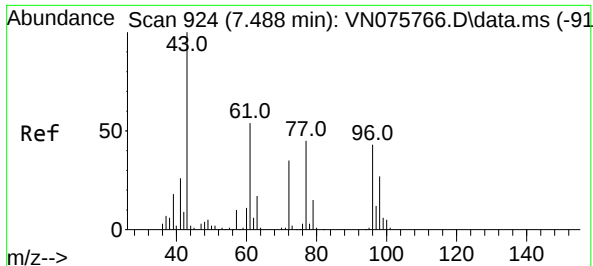


#24
 1,1-Dichloroethane
 Concen: 19.005 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075841.D
 Acq: 16 Dec 2022 12:37



Tgt Ion: 63 Resp: 93913
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.5
 100 4.9 2.5 7.6





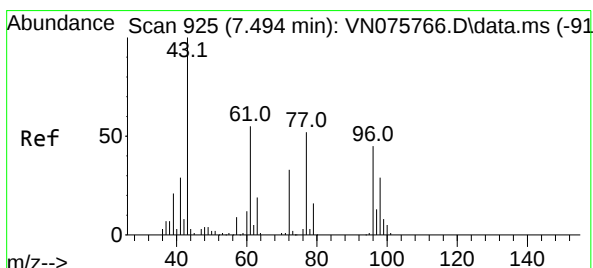
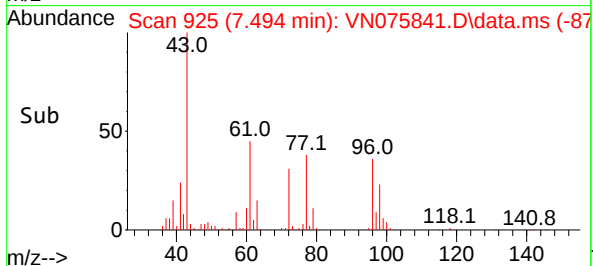
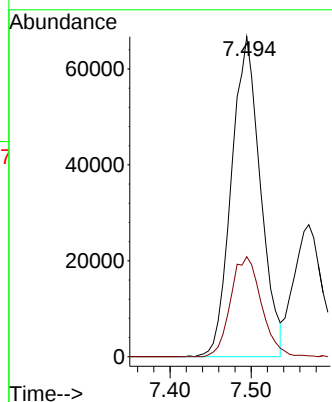
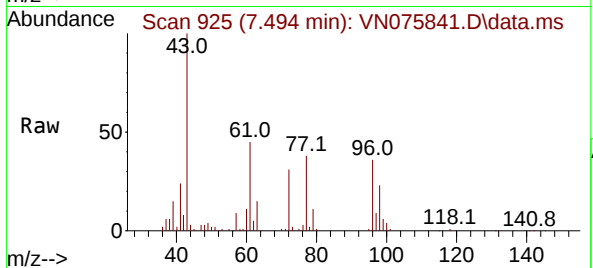
#25
2-Butanone
Concen: 107.004 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 43 Resp: 165410
Ion Ratio Lower Upper
43 100
72 31.2 28.0 42.0

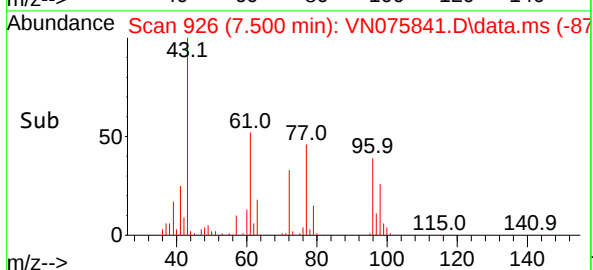
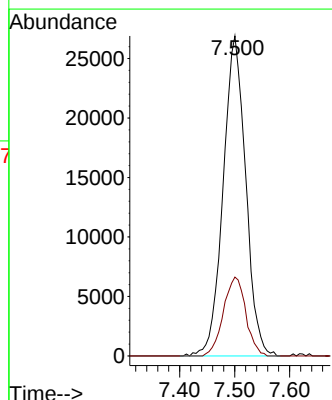
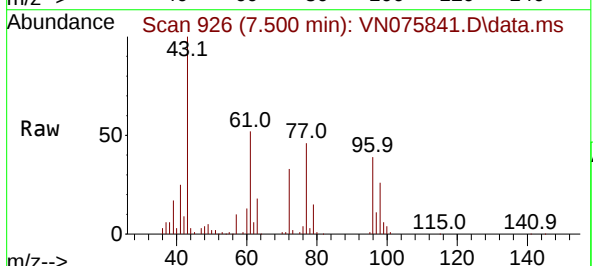
Manual Integrations
APPROVED

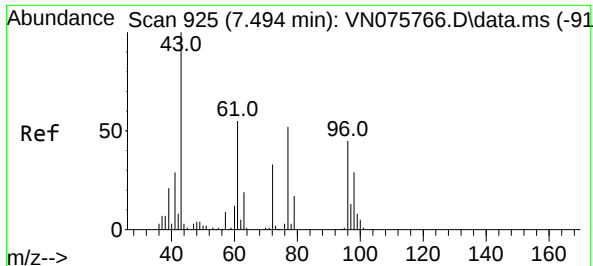
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#26
2,2-Dichloropropane
Concen: 18.310 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 77 Resp: 76623
Ion Ratio Lower Upper
77 100
97 24.5 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 19.448 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

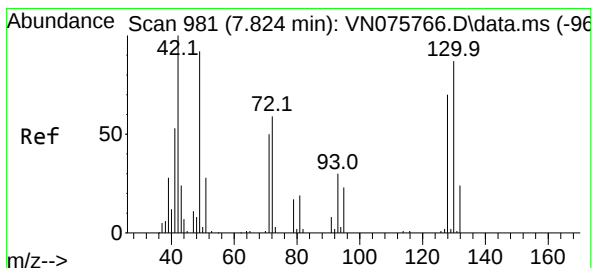
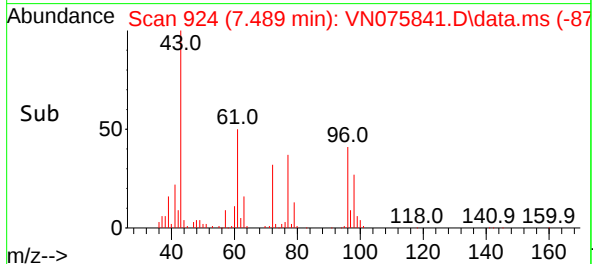
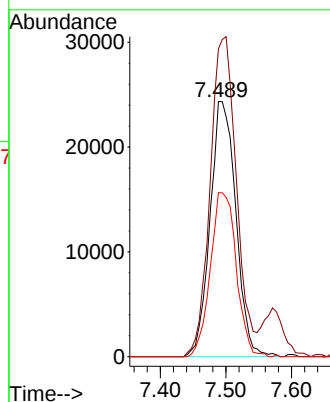
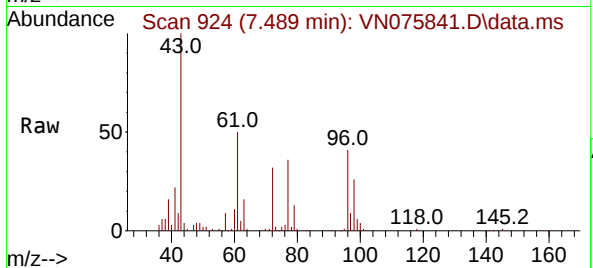
Tgt Ion: 96	Resp: 6646
Ion Ratio	Lower Upper
96 100	
61 127.9	0.0 247.8
98 64.5	0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#28

Bromochloromethane

Concen: 20.140 ug/l

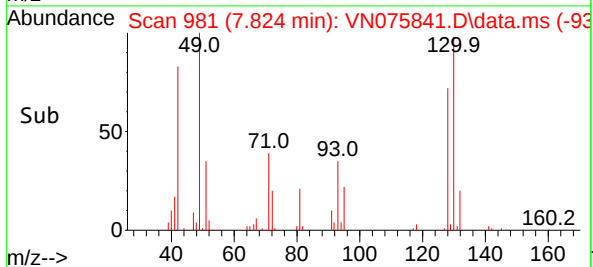
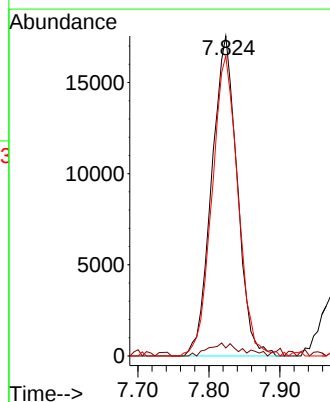
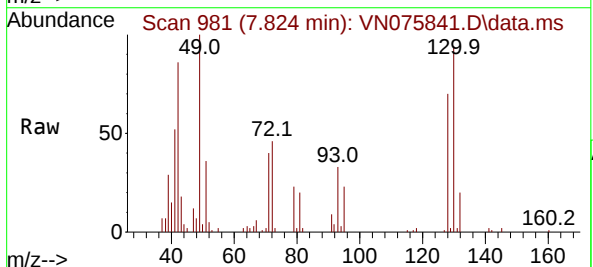
RT: 7.824 min Scan# 981

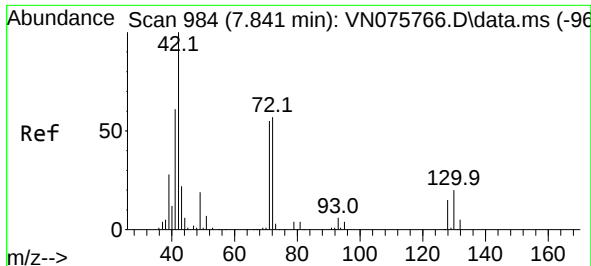
Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Tgt Ion: 49	Resp: 43620
Ion Ratio	Lower Upper
49 100	
129 5.1	0.0 5.0#
130 95.6	77.0 115.4





#29

Tetrahydrofuran

Concen: 112.877 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

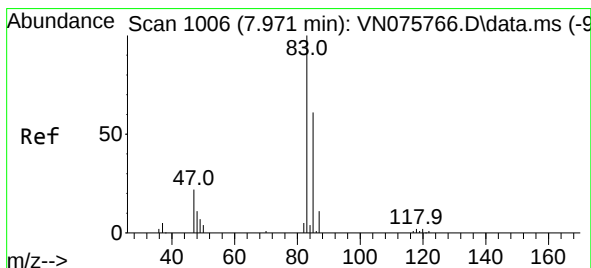
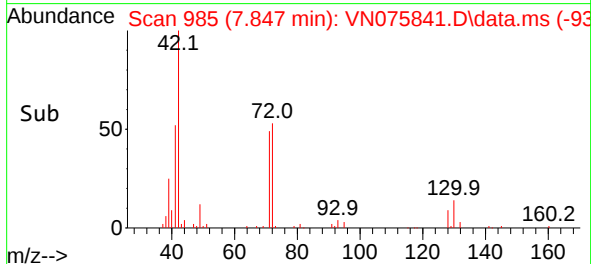
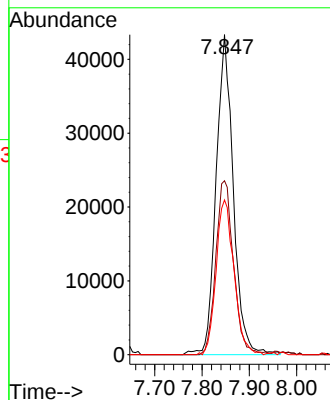
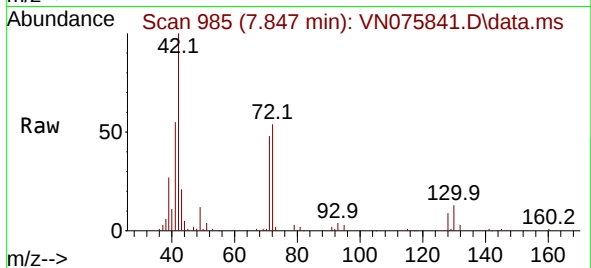
Tgt Ion: 42 Resp: 10934
 Ion Ratio Lower Upper
 42 100
 72 55.9 44.5 66.7
 71 50.3 41.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

Chloroform

Concen: 19.354 ug/l

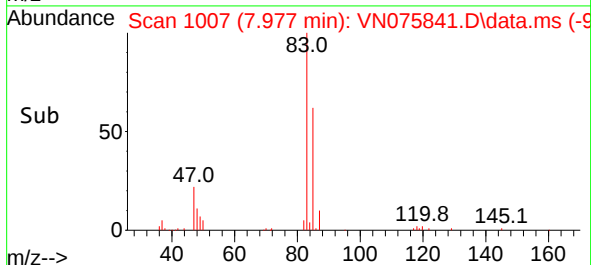
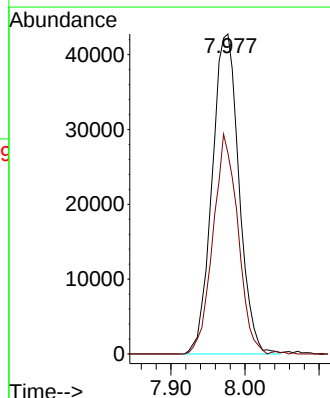
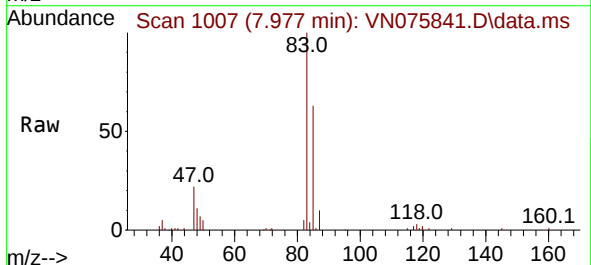
RT: 7.977 min Scan# 1007

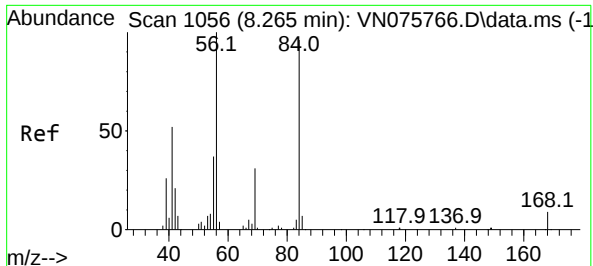
Delta R.T. 0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

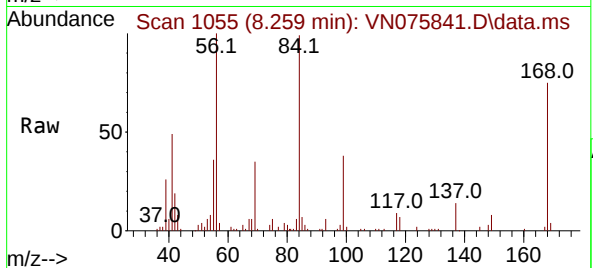
Tgt Ion: 83 Resp: 107680
 Ion Ratio Lower Upper
 83 100
 85 62.8 49.1 73.7





#31
Cyclohexane
Concen: 18.387 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

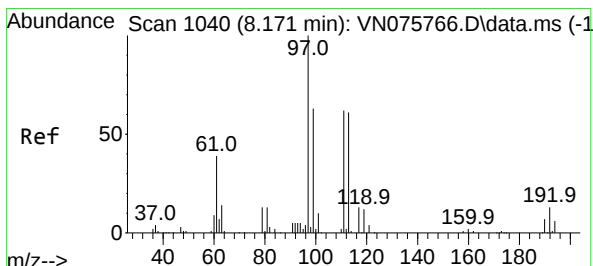
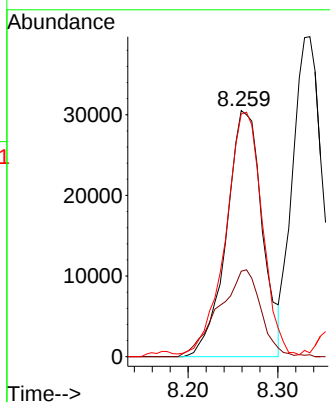
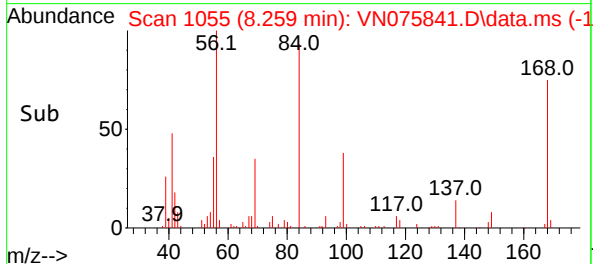
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



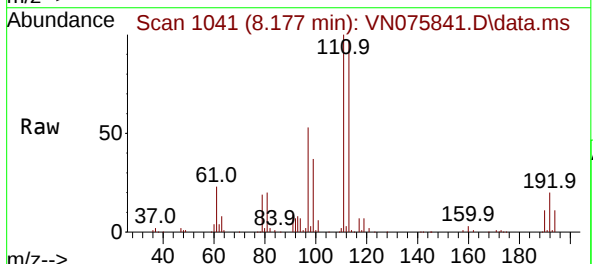
Tgt Ion: 56 Resp: 8433
Ion Ratio Lower Upper
56 100
69 34.7 24.7 37.1
84 97.5 76.5 114.7

Manual Integrations
APPROVED

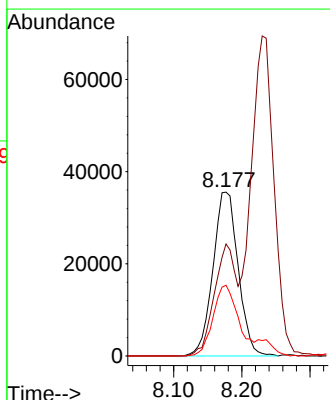
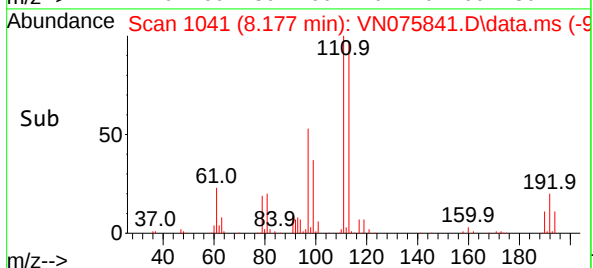
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

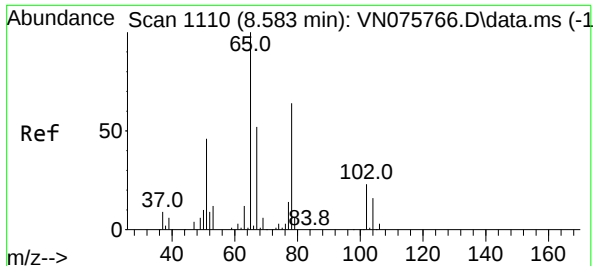


#32
1,1,1-Trichloroethane
Concen: 18.560 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37



Tgt Ion: 97 Resp: 91544
Ion Ratio Lower Upper
97 100
99 58.4 50.2 75.2
61 43.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 56.771 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion: 65 Resp: 181819

Ion Ratio Lower Upper

65 100

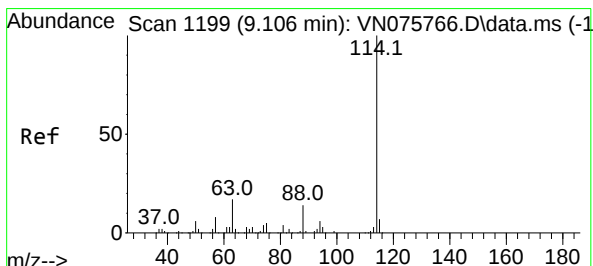
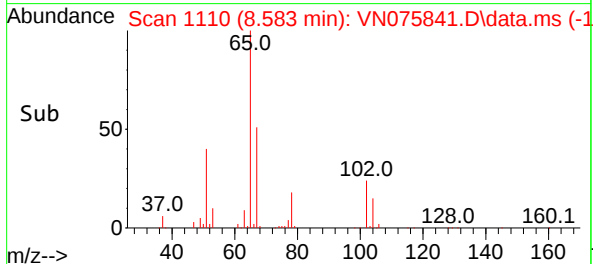
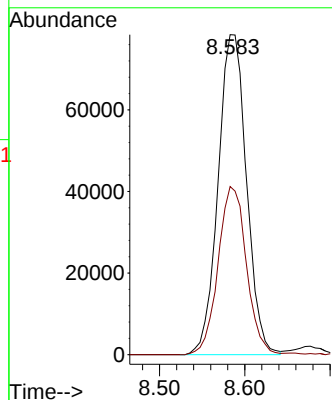
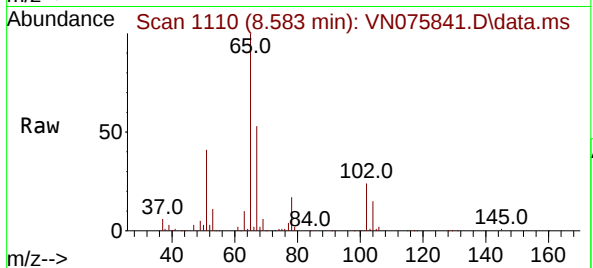
67 52.4 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

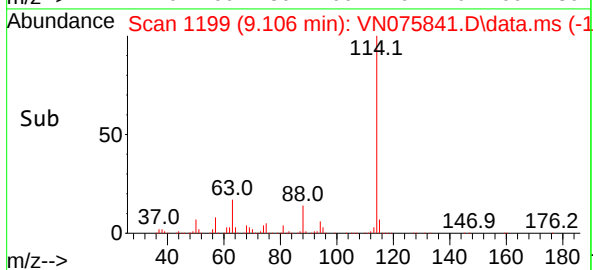
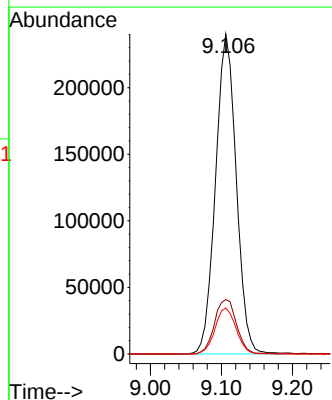
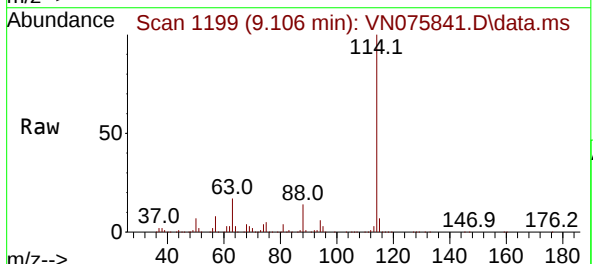
Tgt Ion:114 Resp: 485592

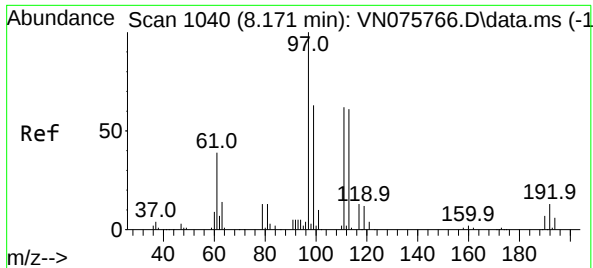
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

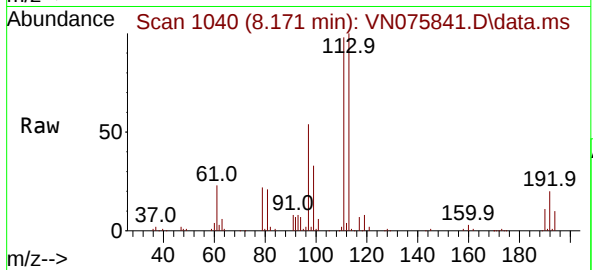
88 14.4 0.0 28.8





#35
Dibromofluoromethane
Concen: 53.114 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

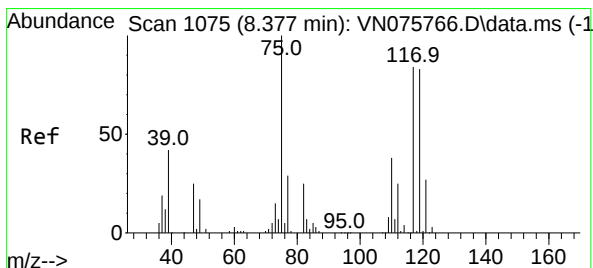
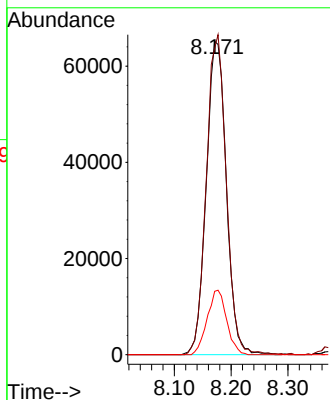
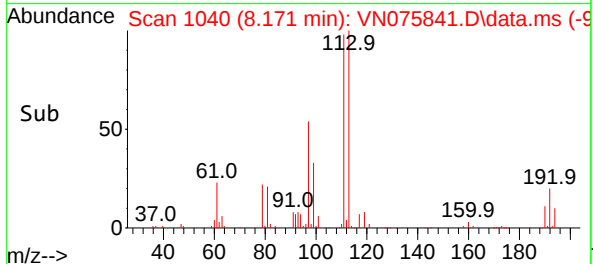
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion:113 Resp: 159724
Ion Ratio Lower Upper
113 100
111 101.3 83.4 125.2
192 19.9 16.1 24.1

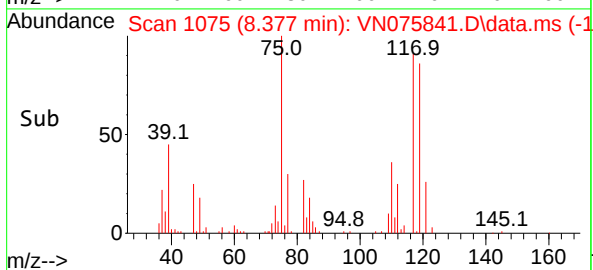
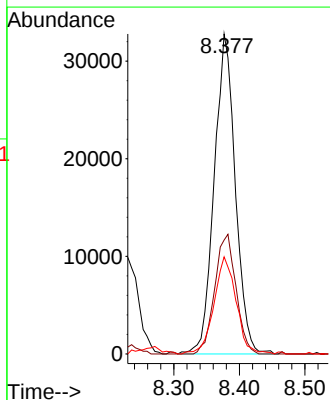
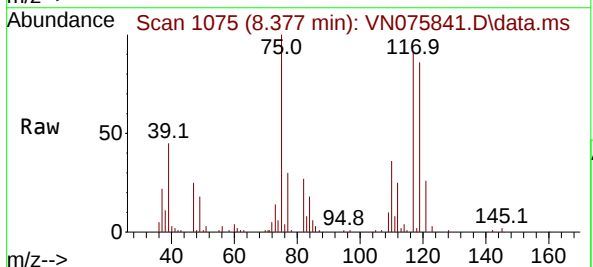
Manual Integrations
APPROVED

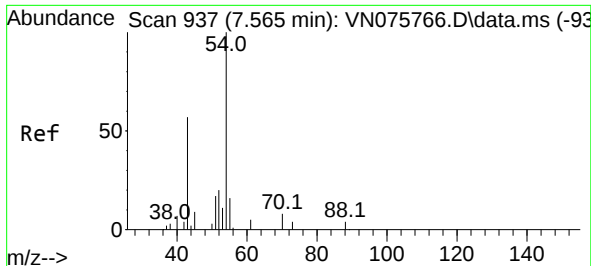
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#36
1,1-Dichloropropene
Concen: 18.350 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 75 Resp: 73302
Ion Ratio Lower Upper
75 100
110 37.7 18.8 56.4
77 31.8 24.1 36.1





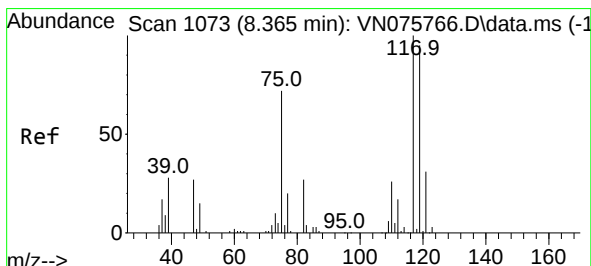
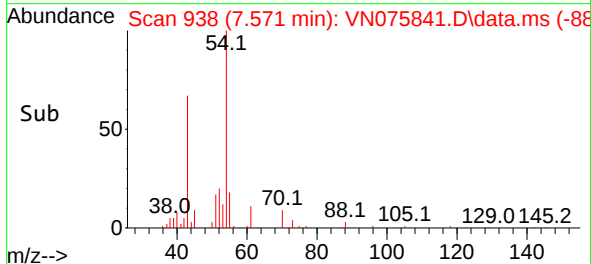
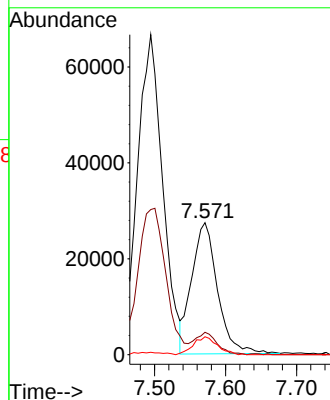
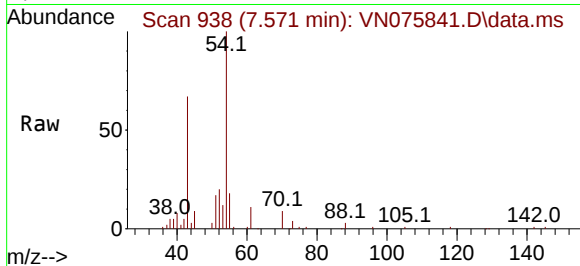
#37
Ethyl Acetate
Concen: 21.583 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 43 Resp: 69250
Ion Ratio Lower Upper
43 100
61 14.4 13.0 19.4
70 12.6 9.4 14.0

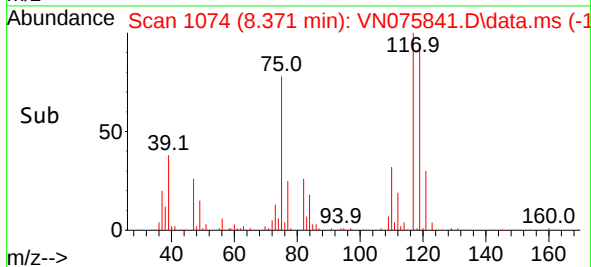
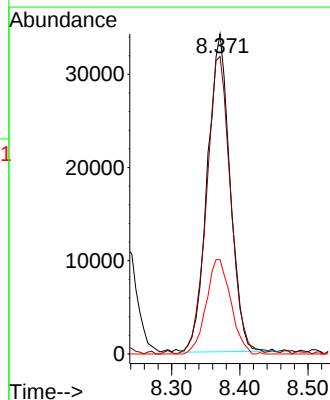
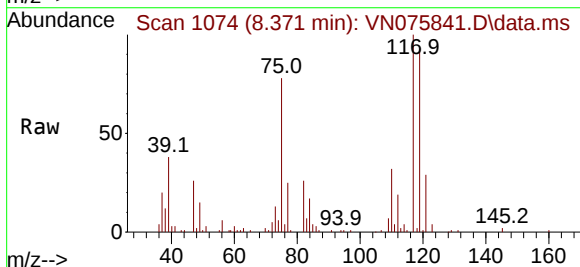
Manual Integrations
APPROVED

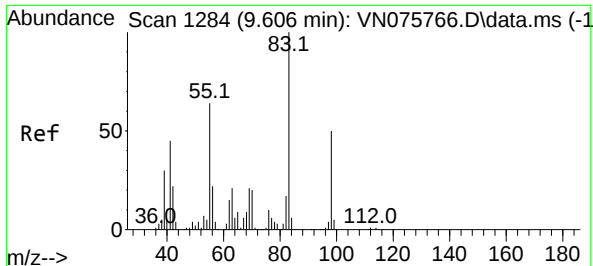
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#38
Carbon Tetrachloride
Concen: 17.643 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:117 Resp: 78884
Ion Ratio Lower Upper
117 100
119 93.3 76.1 114.1
121 29.7 24.5 36.7





#39

Methylcyclohexane

Concen: 19.496 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

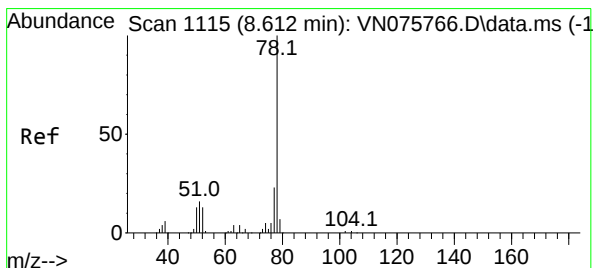
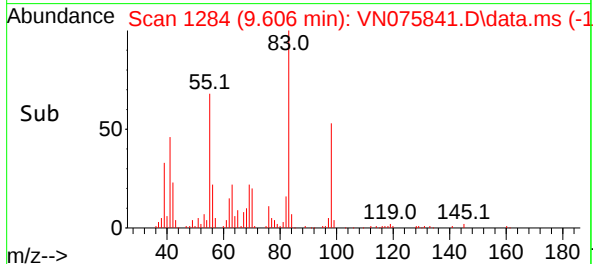
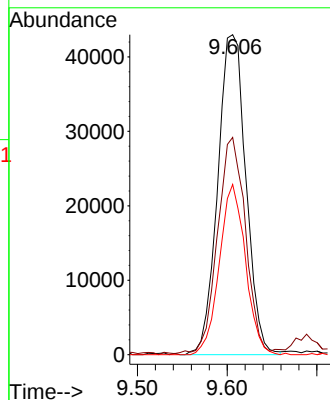
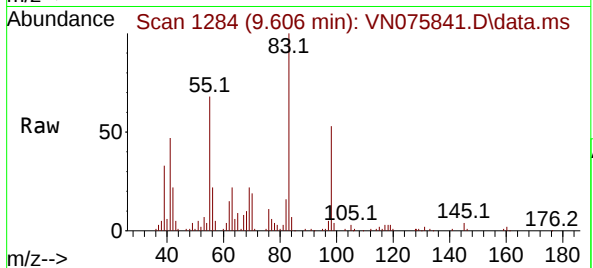
Tgt Ion: 83 Resp: 93958
 Ion Ratio Lower Upper
 83 100
 55 67.3 51.4 77.0
 98 53.2 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#40

Benzene

Concen: 18.898 ug/l

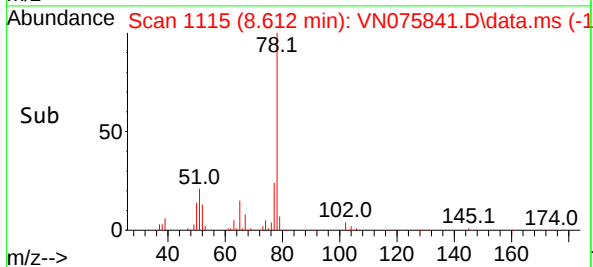
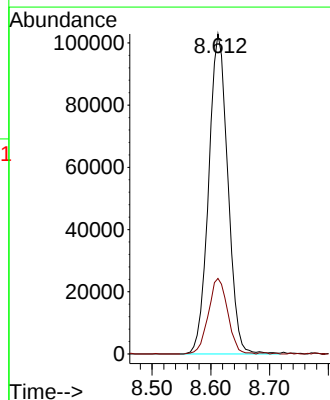
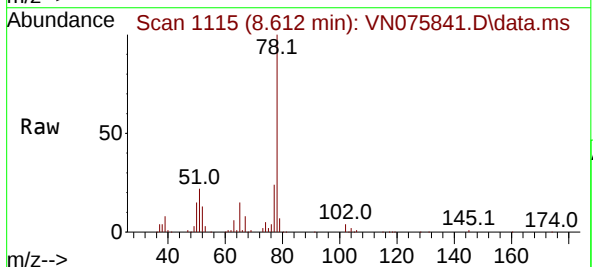
RT: 8.612 min Scan# 1115

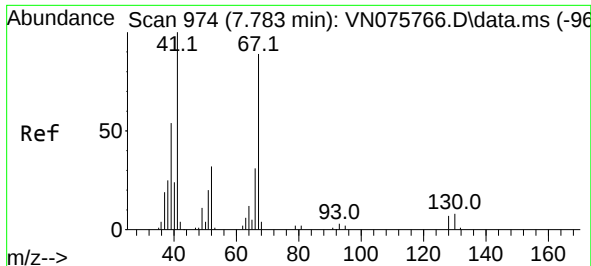
Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

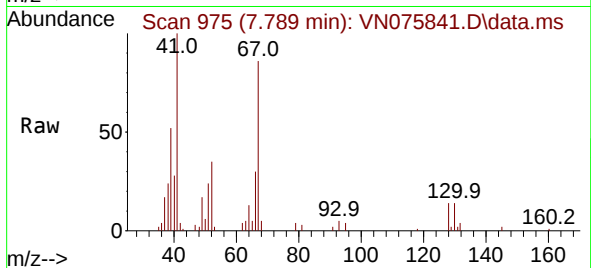
Tgt Ion: 78 Resp: 232922
 Ion Ratio Lower Upper
 78 100
 77 23.6 18.5 27.7





#41
Methacrylonitrile
Concen: 23.640 ug/l
RT: 7.789 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

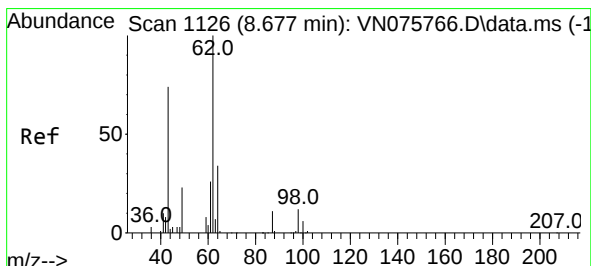
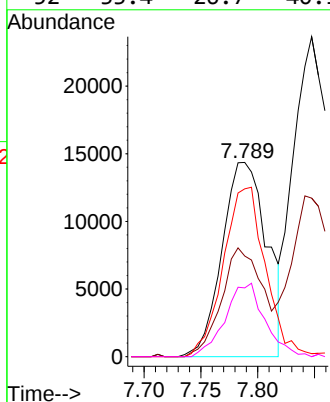
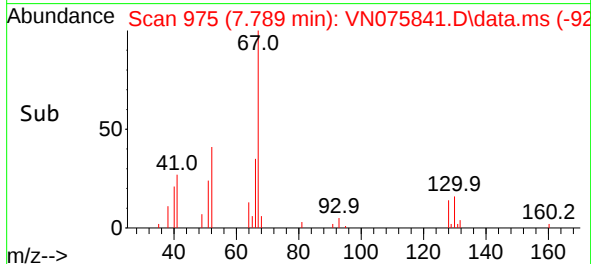
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



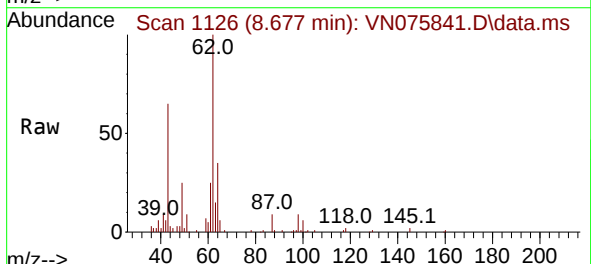
Tgt Ion: 41 Resp: 39429
Ion Ratio Lower Upper
41 100
39 50.5 43.1 64.7
67 82.2 70.7 106.1
52 33.4 26.7 40.1

Manual Integrations
APPROVED

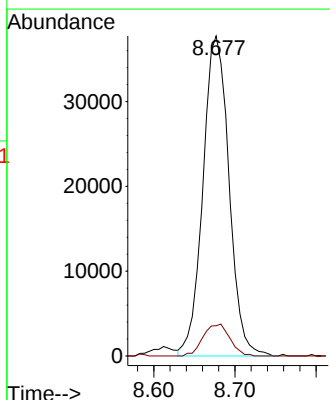
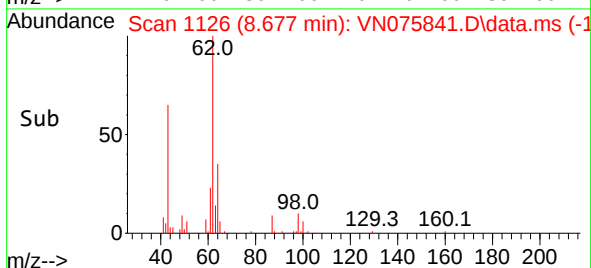
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

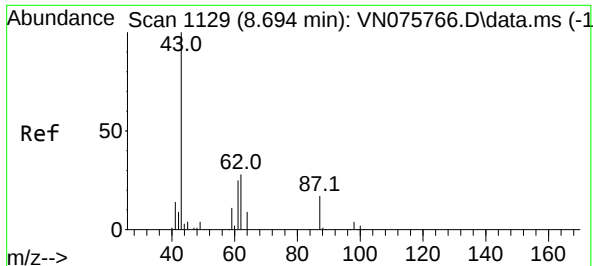


#42
1,2-Dichloroethane
Concen: 20.563 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37



Tgt Ion: 62 Resp: 84261
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.8





#43

Isopropyl Acetate

Concen: 22.723 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion: 43 Resp: 120274

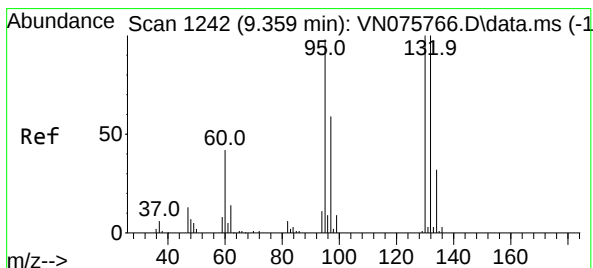
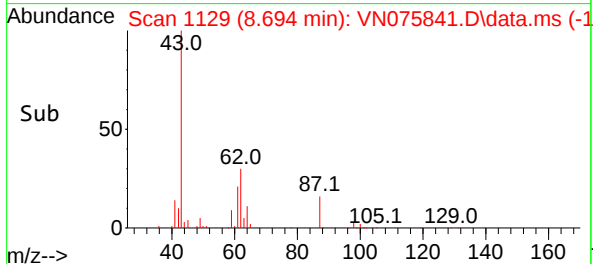
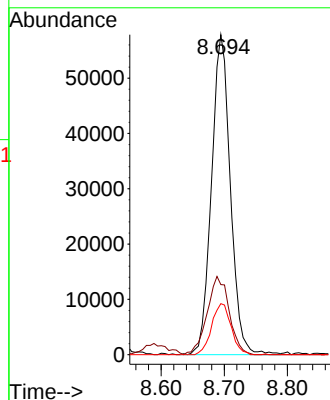
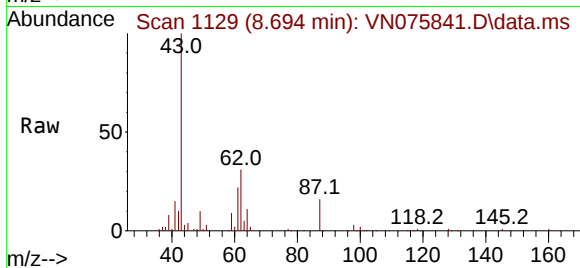
Ion	Ratio	Lower	Upper
43	100		
61	28.6	24.2	36.4
87	16.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#44

Trichloroethene

Concen: 17.831 ug/l

RT: 9.353 min Scan# 1241

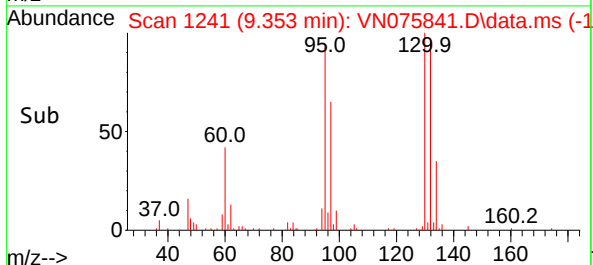
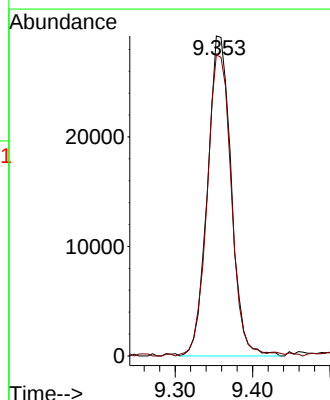
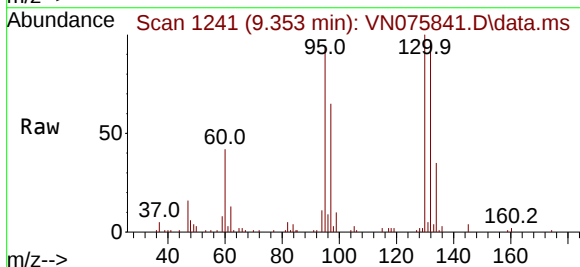
Delta R.T. -0.006 min

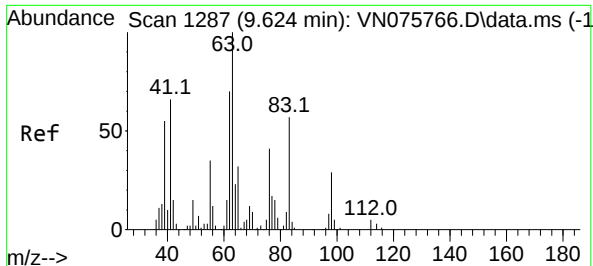
Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Tgt Ion:130 Resp: 61915

Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	195.4





#45

1,2-Dichloropropane

Concen: 19.924 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion: 63 Resp: 5975

Ion Ratio Lower Upper

63 100

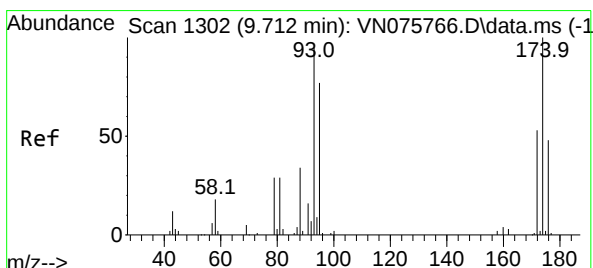
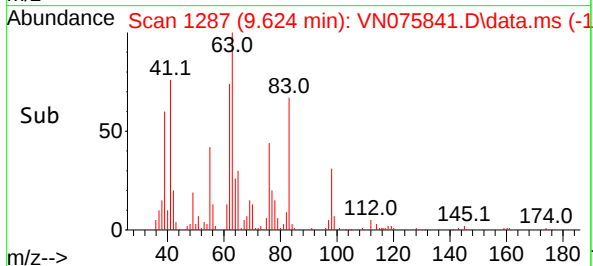
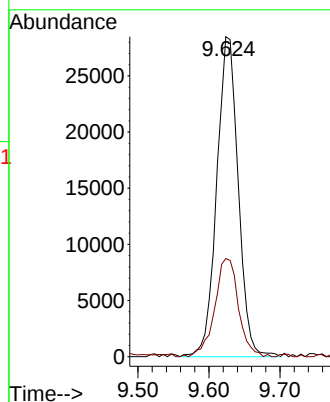
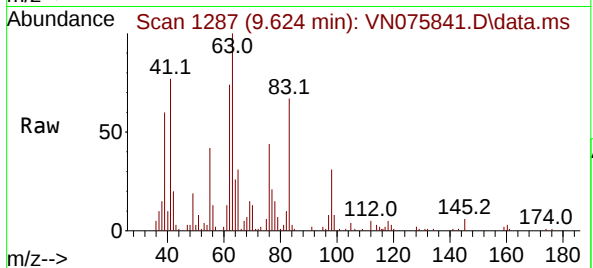
65 30.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Dibromomethane

Concen: 20.768 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

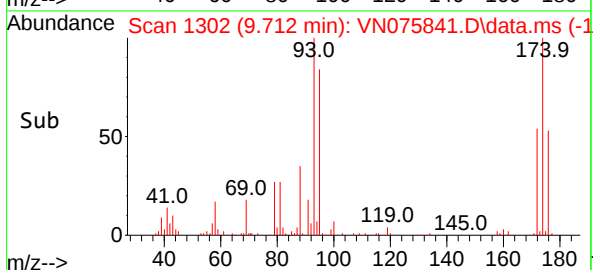
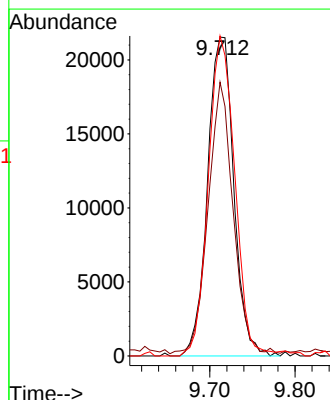
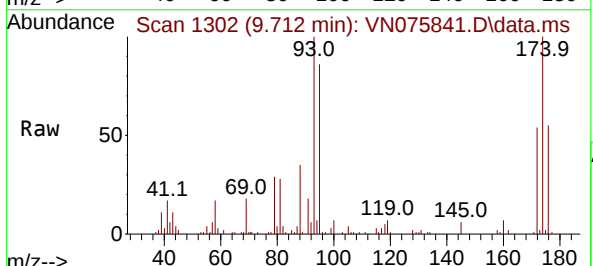
Tgt Ion: 93 Resp: 46201

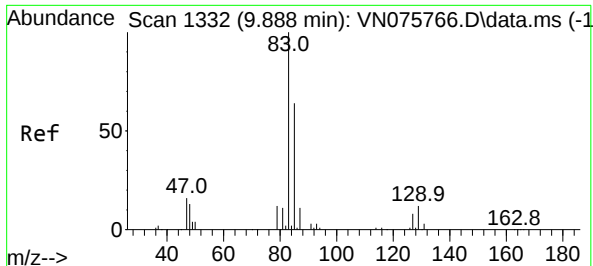
Ion Ratio Lower Upper

93 100

95 80.7 65.2 97.8

174 100.9 82.4 123.6





#47

Bromodichloromethane

Concen: 19.358 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion: 83 Resp: 8444

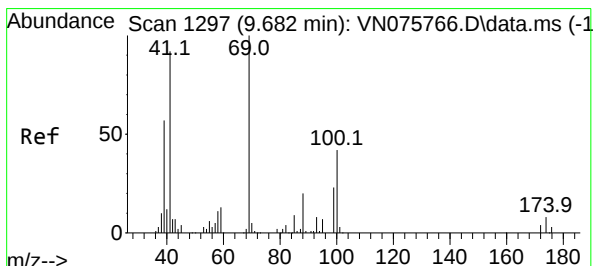
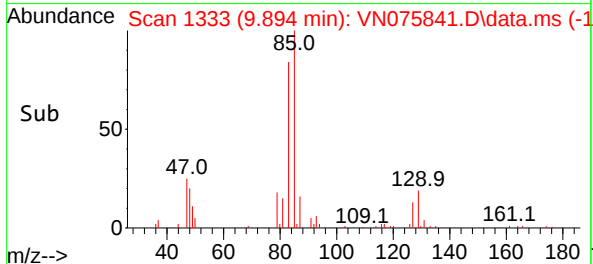
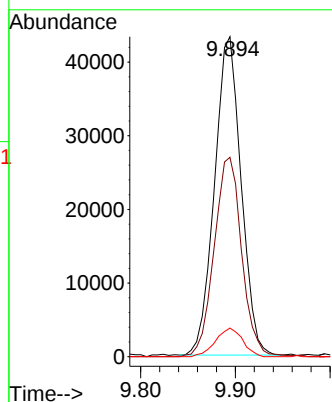
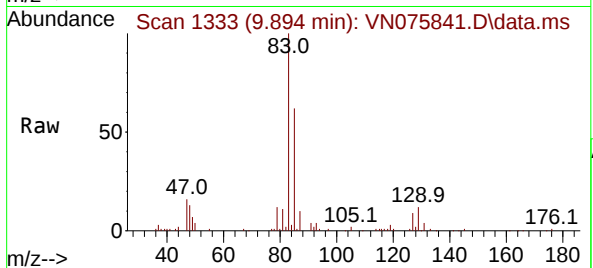
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.5	77.3
127	9.0	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#48

Methyl methacrylate

Concen: 23.030 ug/l

RT: 9.683 min Scan# 1297

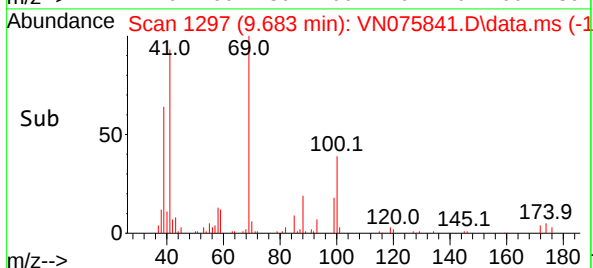
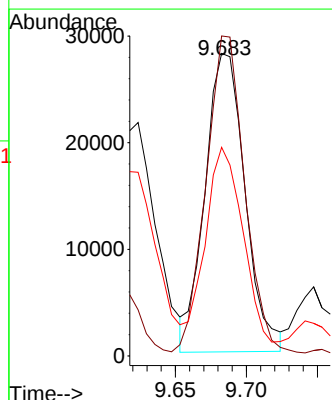
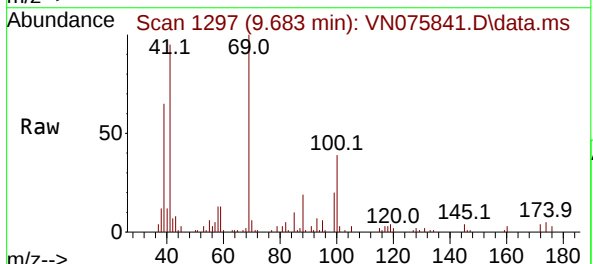
Delta R.T. 0.000 min

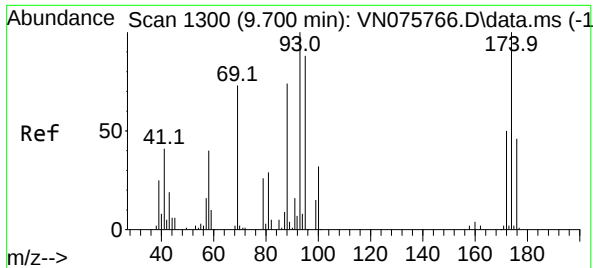
Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Tgt Ion: 41 Resp: 54904

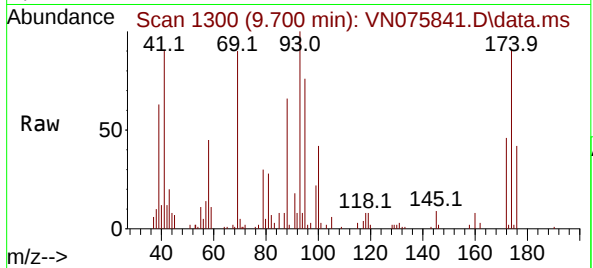
Ion	Ratio	Lower	Upper
41	100		
69	102.9	81.9	122.9
39	67.9	51.6	77.4





#49
1,4-Dioxane
Concen: 393.322 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

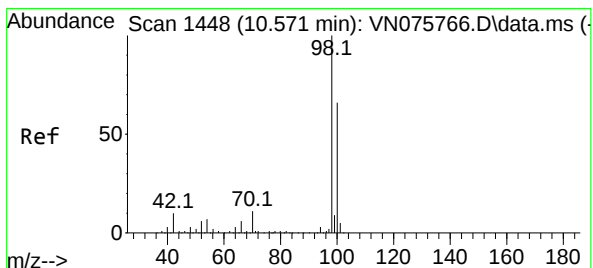
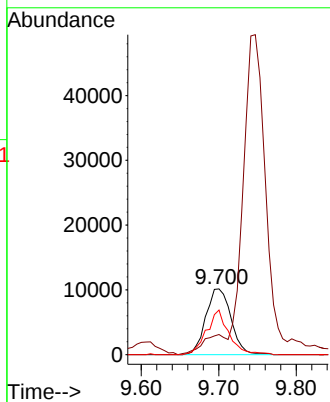
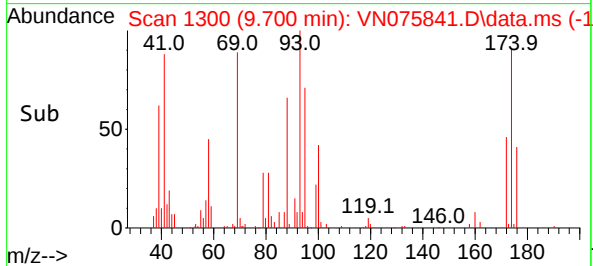
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 88 Resp: 23052
Ion Ratio Lower Upper
88 100
43 26.2 17.1 25.7
58 59.9 47.8 71.8

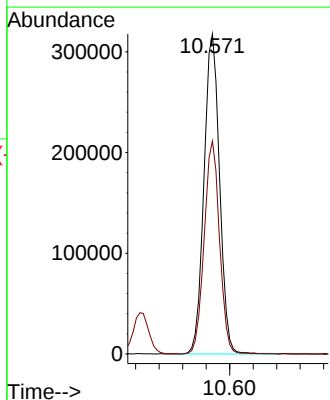
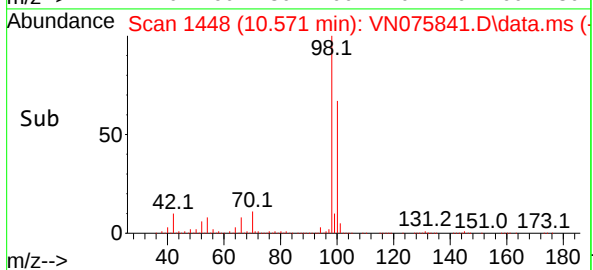
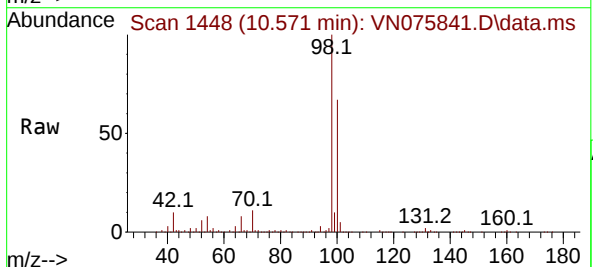
Manual Integrations
APPROVED

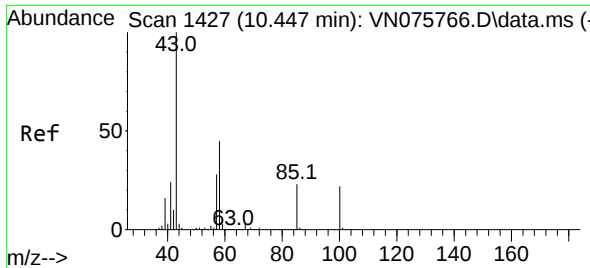
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#50
Toluene-d8
Concen: 51.986 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 98 Resp: 584512
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1





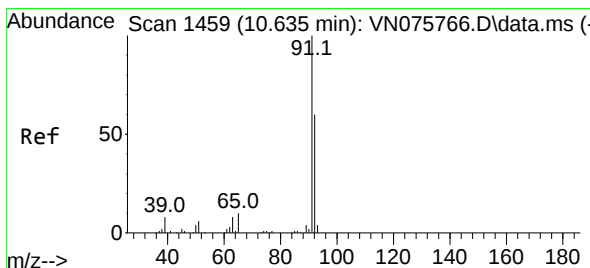
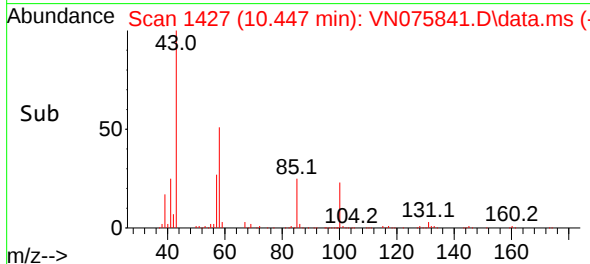
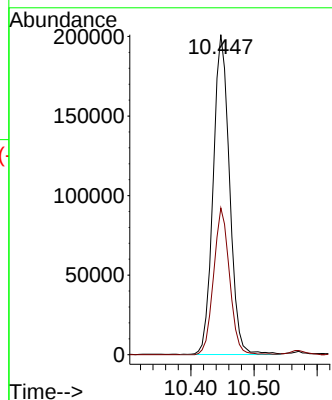
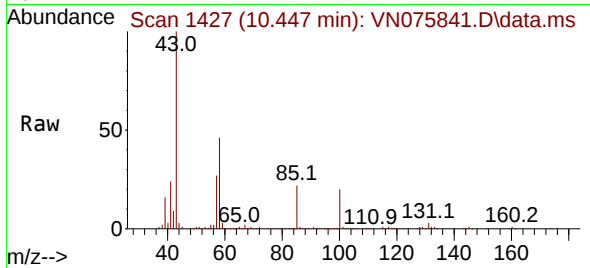
#51
4-Methyl-2-Pentanone
Concen: 113.050 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 43 Resp: 361880
Ion Ratio Lower Upper
43 100
58 44.7 35.5 53.3

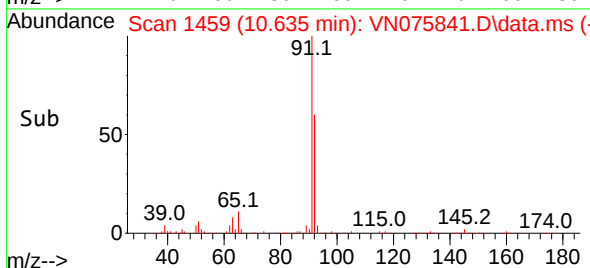
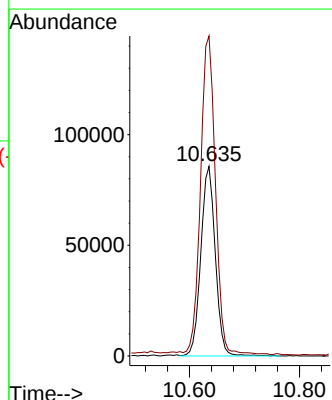
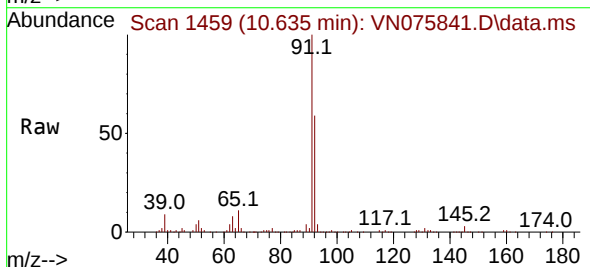
Manual Integrations
APPROVED

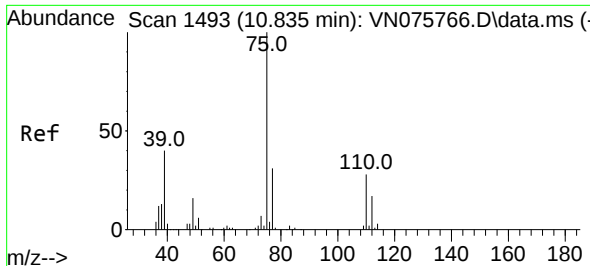
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#52
Toluene
Concen: 19.493 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

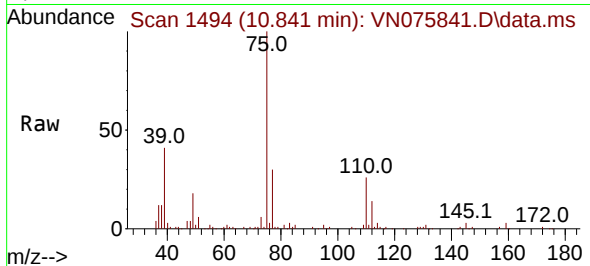
Tgt Ion: 92 Resp: 156475
Ion Ratio Lower Upper
92 100
91 172.9 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 20.331 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

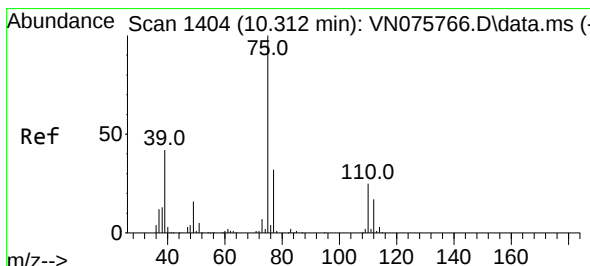
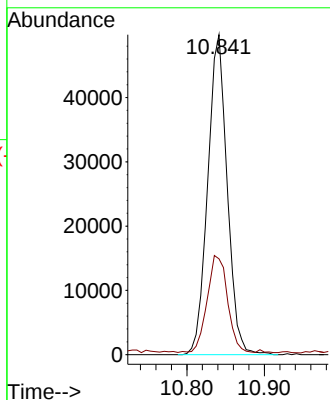
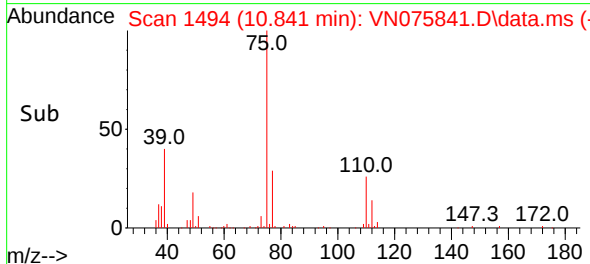
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



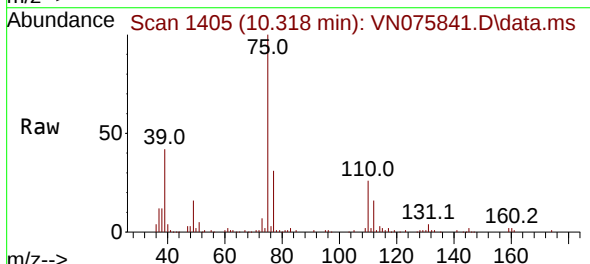
Tgt Ion: 75 Resp: 8682
Ion Ratio Lower Upper
75 100
77 29.3 24.9 37.3

Manual Integrations
APPROVED

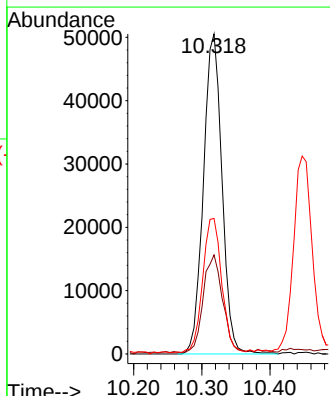
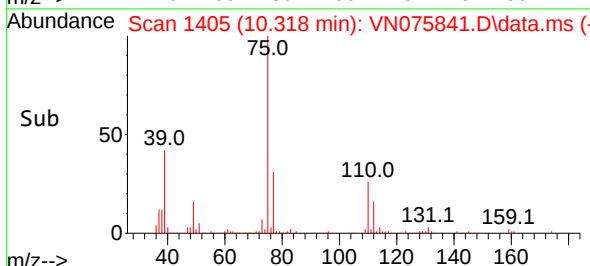
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

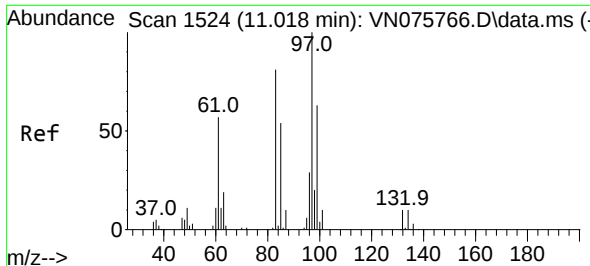


#54
cis-1,3-Dichloropropene
Concen: 20.446 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37



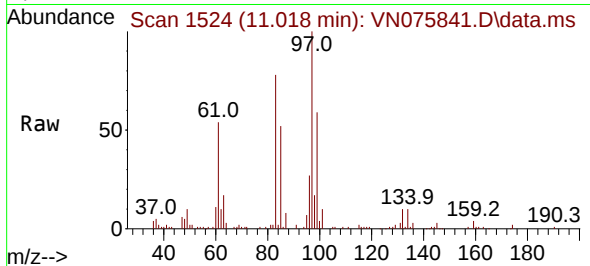
Tgt Ion: 75 Resp: 95864
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.8
39 41.8 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 21.419 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

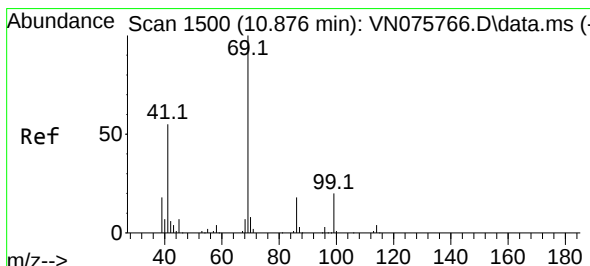
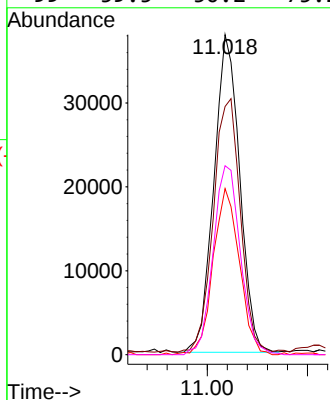
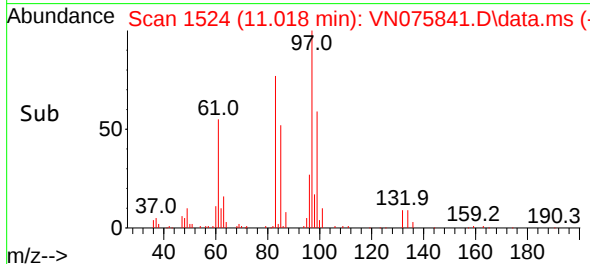


Tgt Ion: 97 Resp: 67484

Ion	Ratio	Lower	Upper
97	100		
83	77.3	65.0	97.4
85	52.3	43.0	64.6
99	59.5	50.2	75.2

Manual Integrations
APPROVED

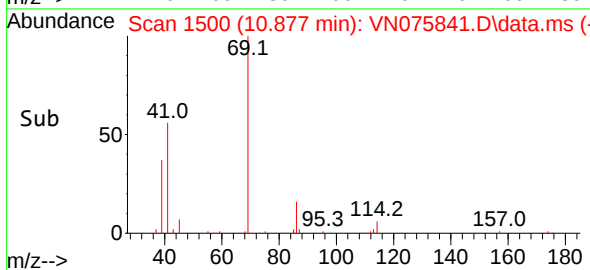
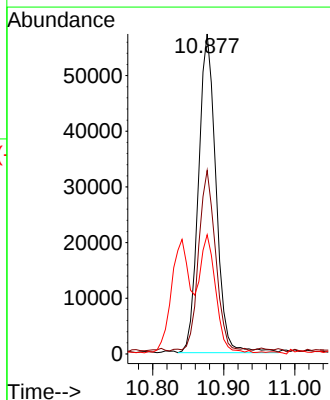
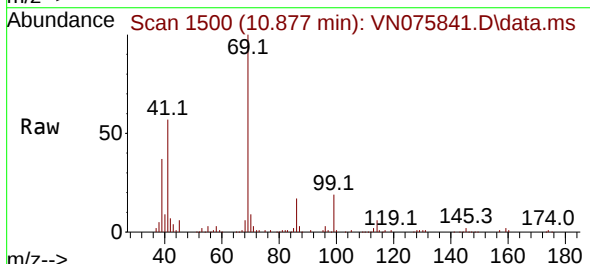
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

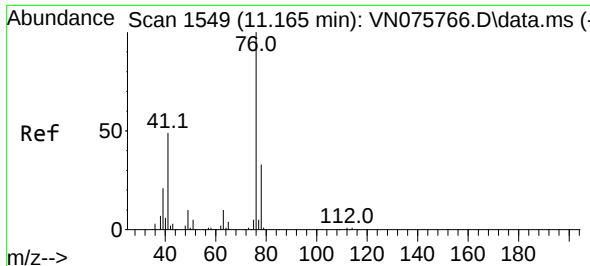


#56
Ethyl methacrylate
Concen: 23.479 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 69 Resp: 98258

Ion	Ratio	Lower	Upper
69	100		
41	55.0	44.2	66.4
39	33.2	26.4	39.6





#57

1,3-Dichloropropane

Concen: 21.038 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion: 76 Resp: 108729

Ion Ratio Lower Upper

76 100

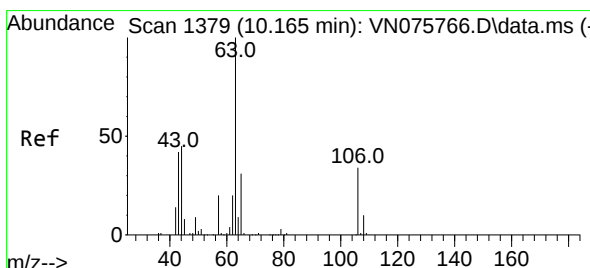
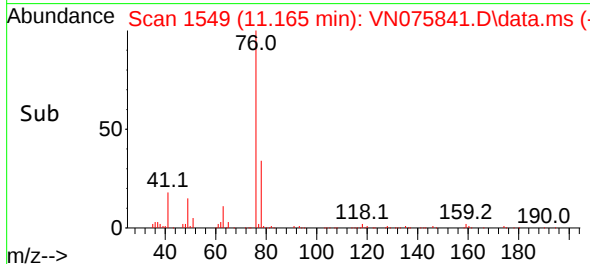
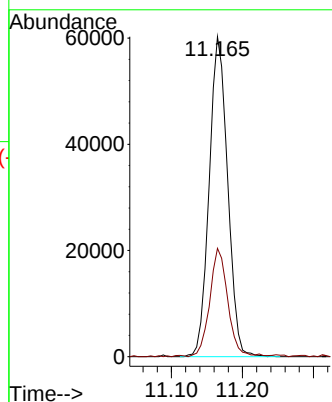
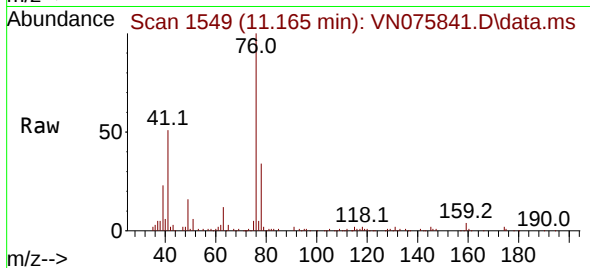
78 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 131.506 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075841.D

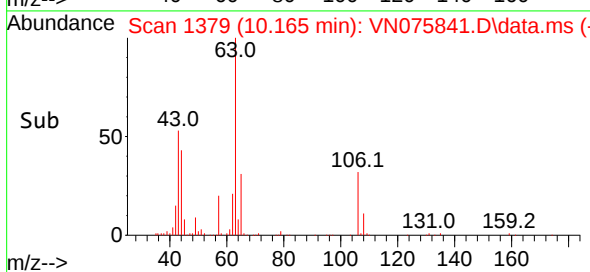
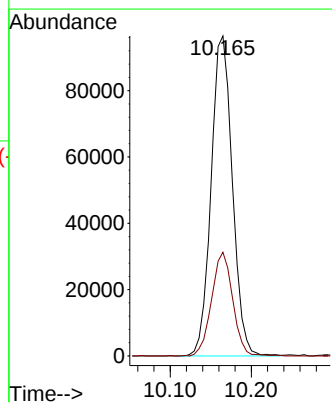
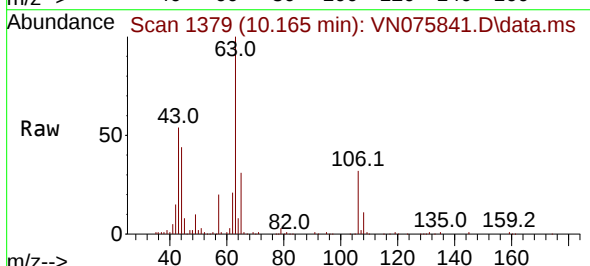
Acq: 16 Dec 2022 12:37

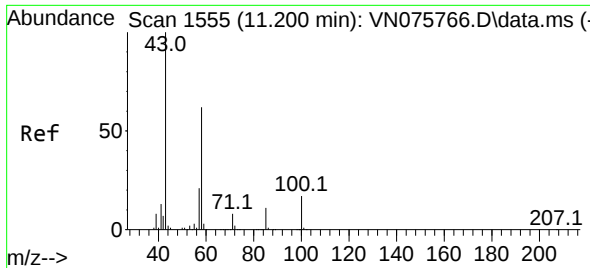
Tgt Ion: 63 Resp: 175221

Ion Ratio Lower Upper

63 100

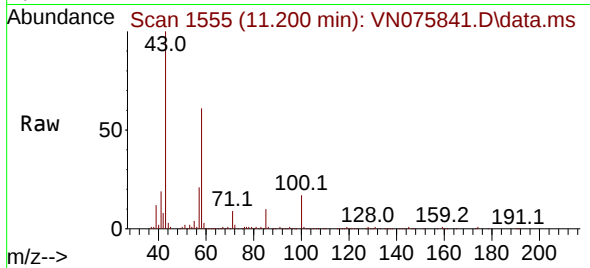
106 32.3 26.4 39.6





#59
2-Hexanone
Concen: 112.179 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

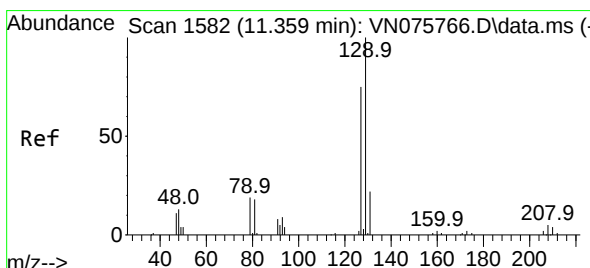
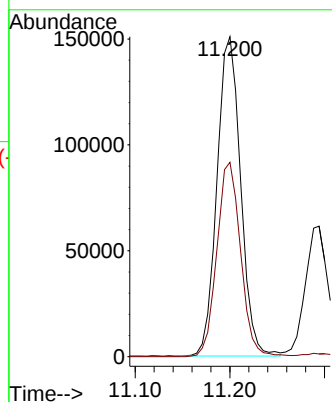
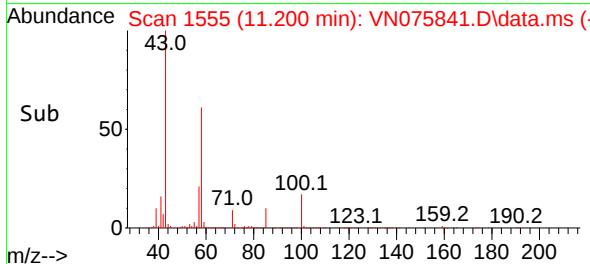
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 43 Resp: 26187
Ion Ratio Lower Upper
43 100
58 61.1 30.6 92.0

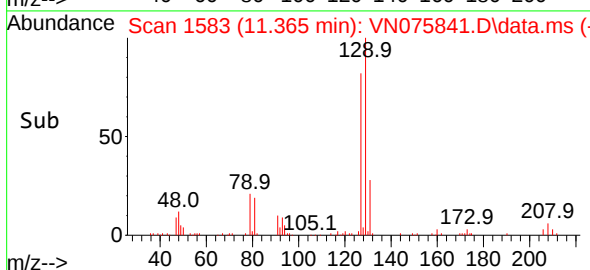
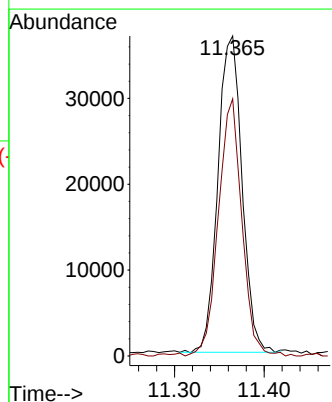
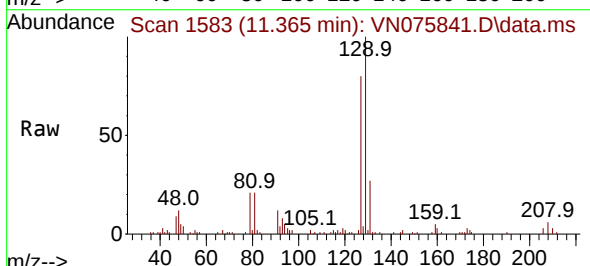
Manual Integrations
APPROVED

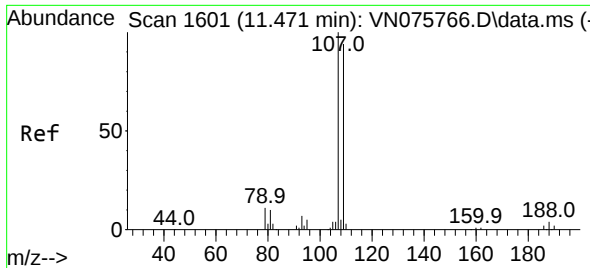
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#60
Dibromochloromethane
Concen: 19.648 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:129 Resp: 68844
Ion Ratio Lower Upper
129 100
127 79.0 38.3 114.9





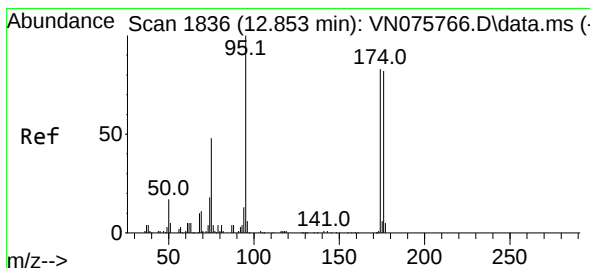
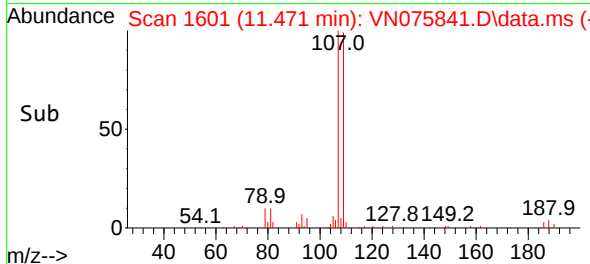
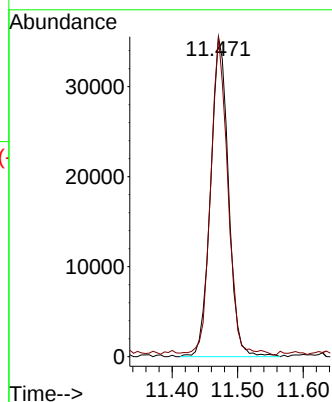
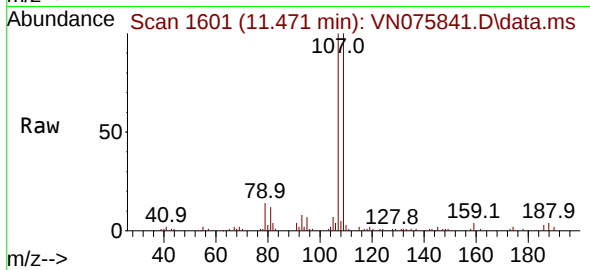
#61
1,2-Dibromoethane
Concen: 21.053 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion:107 Resp: 6712
Ion Ratio Lower Upper
107 100
109 96.0 74.8 112.2

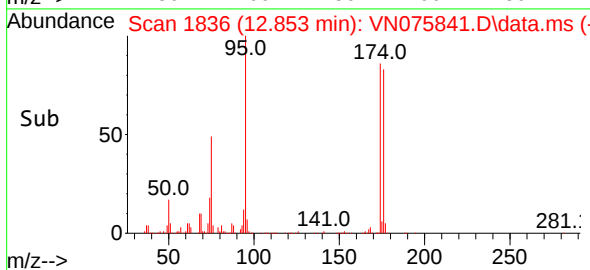
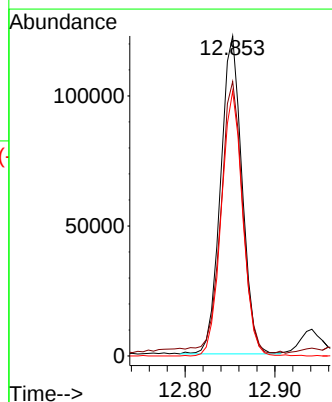
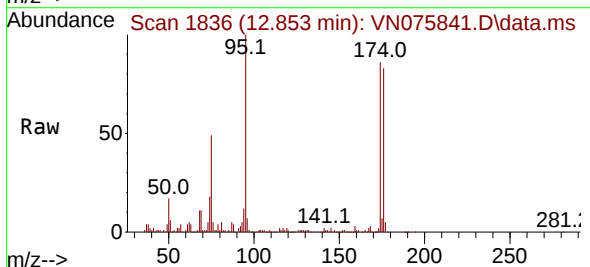
Manual Integrations
APPROVED

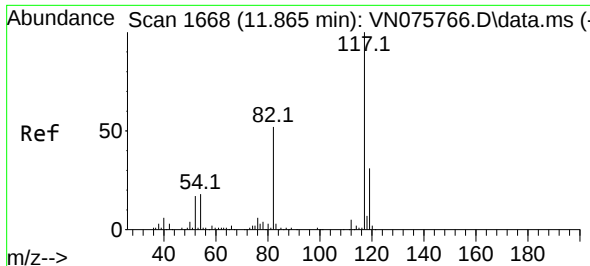
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#62
4-Bromofluorobenzene
Concen: 54.652 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

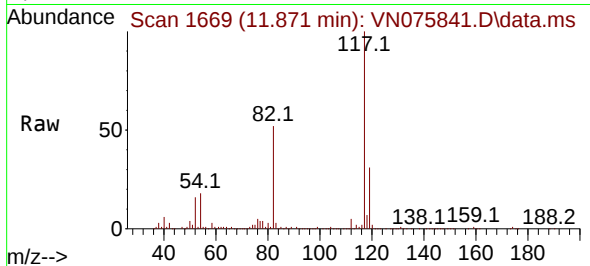
Tgt Ion: 95 Resp: 203524
Ion Ratio Lower Upper
95 100
174 88.3 0.0 171.6
176 82.9 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

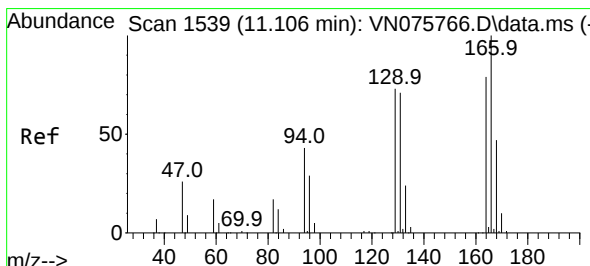
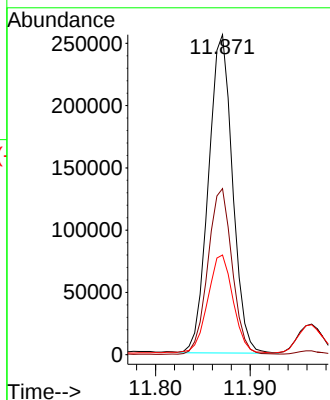
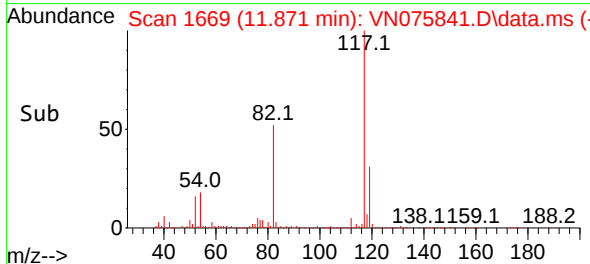
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion:117 Resp: 451593
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 30.6 24.6 37.0

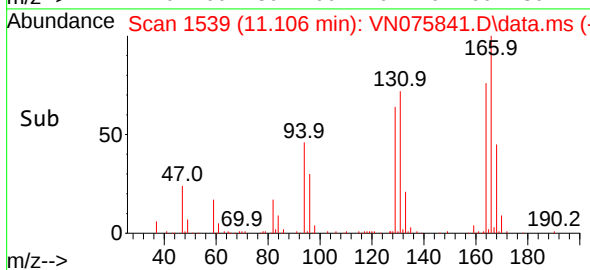
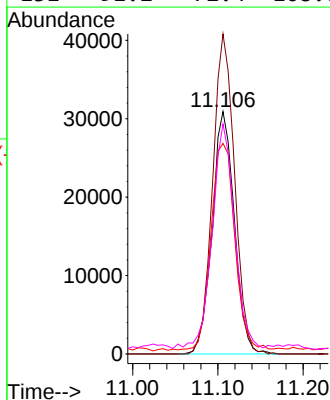
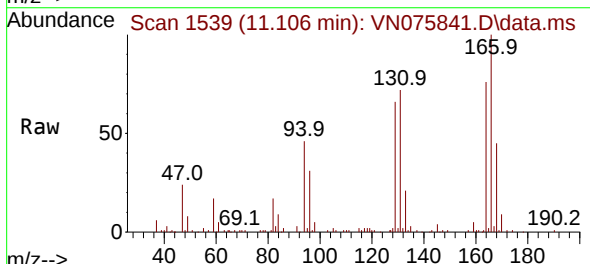
Manual Integrations
APPROVED

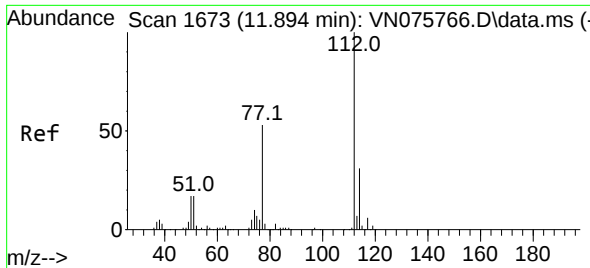
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#64
Tetrachloroethene
Concen: 17.566 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

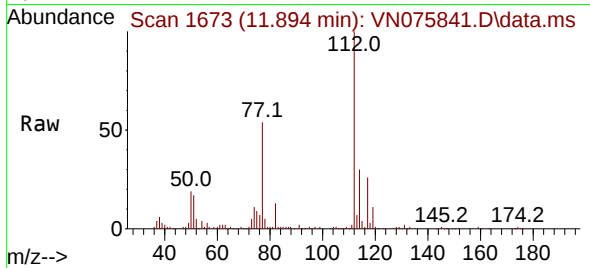
Tgt Ion:164 Resp: 55821
Ion Ratio Lower Upper
164 100
166 132.0 101.9 152.9
129 85.2 74.2 111.2
131 91.2 72.4 108.6





#65
Chlorobenzene
Concen: 18.250 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

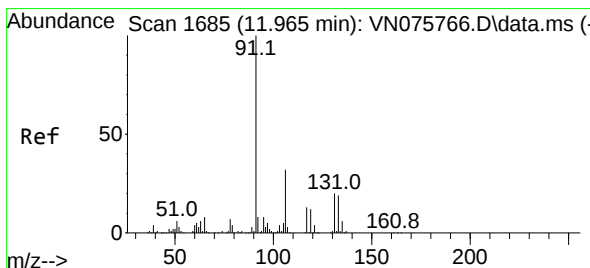
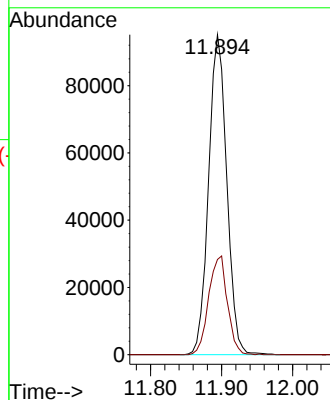
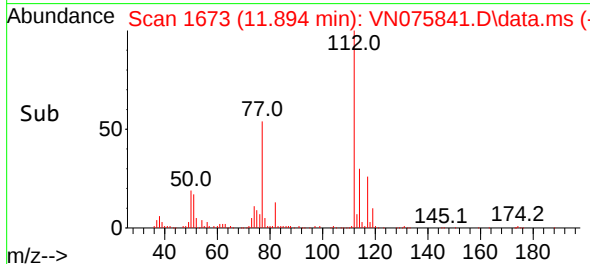
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



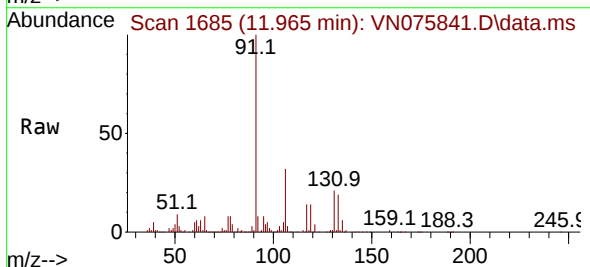
Tgt Ion:112 Resp: 16916
Ion Ratio Lower Upper
112 100
114 29.8 24.7 37.1

Manual Integrations
APPROVED

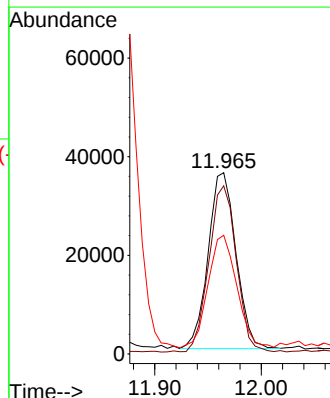
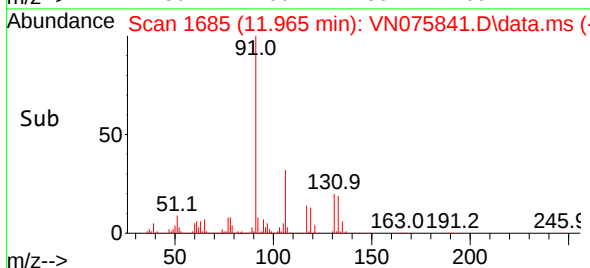
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

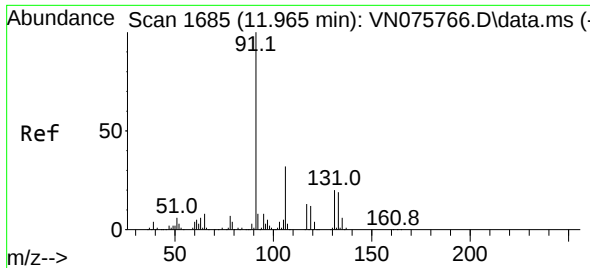


#66
1,1,1,2-Tetrachloroethane
Concen: 18.913 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37



Tgt Ion:131 Resp: 64932
Ion Ratio Lower Upper
131 100
133 93.0 47.5 142.5
119 65.7 31.9 95.7





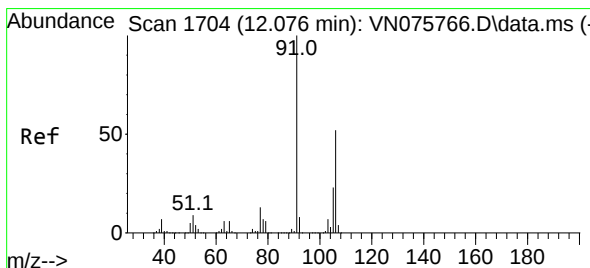
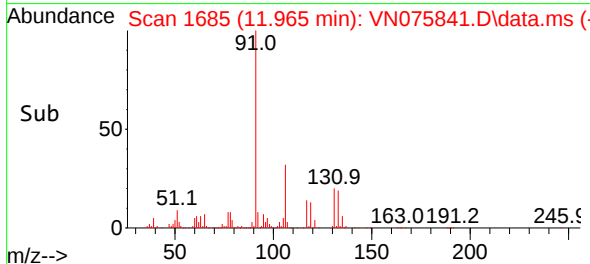
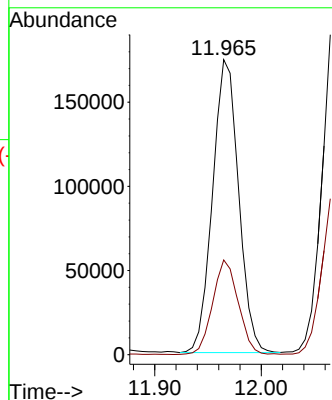
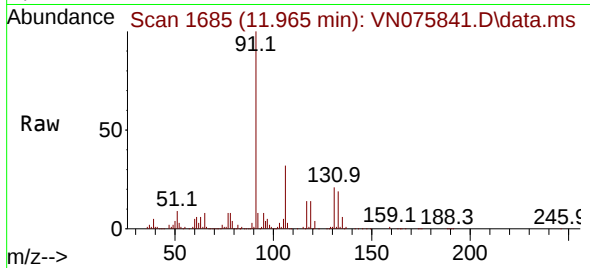
#67
Ethyl Benzene
Concen: 18.863 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 91 Resp: 29508
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

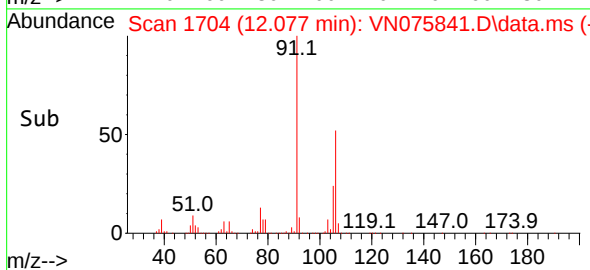
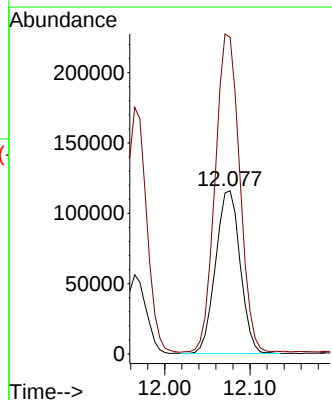
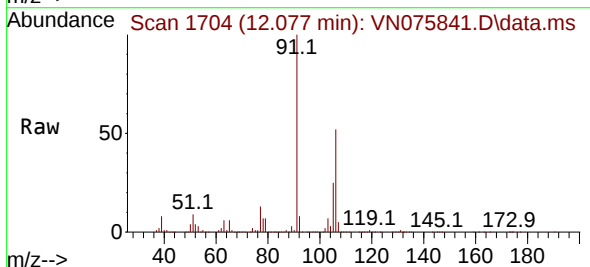
Manual Integrations
APPROVED

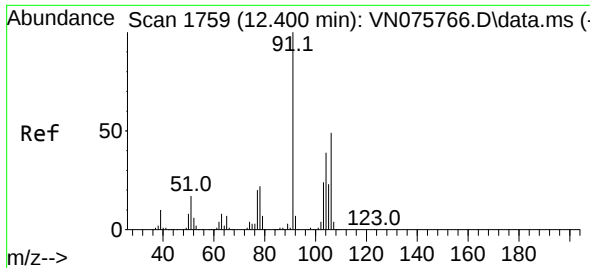
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#68
m/p-Xylenes
Concen: 37.506 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:106 Resp: 232222
Ion Ratio Lower Upper
106 100
91 194.2 156.6 235.0





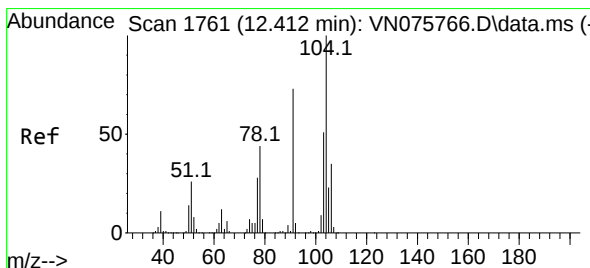
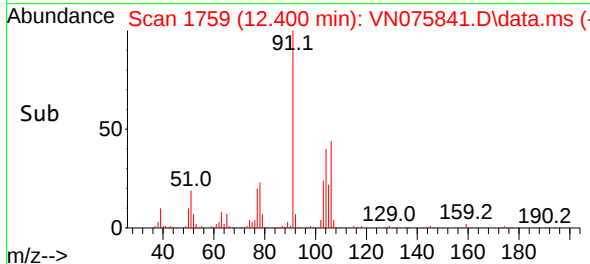
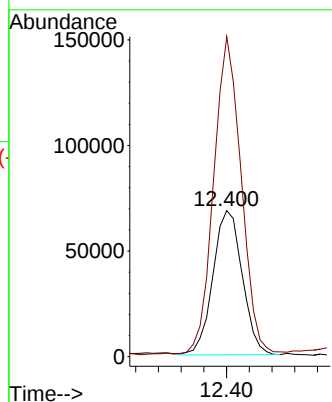
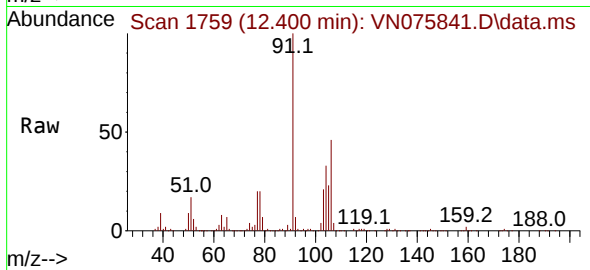
#69
o-Xylene
Concen: 19.949 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion:106 Resp: 122235
Ion Ratio Lower Upper
106 100
91 208.8 103.8 311.6

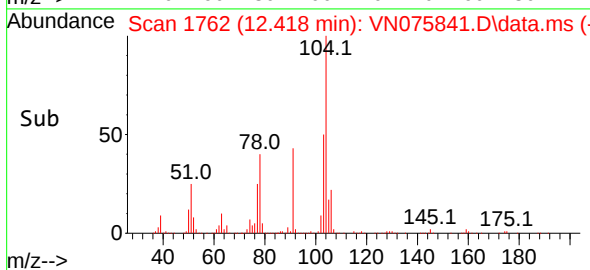
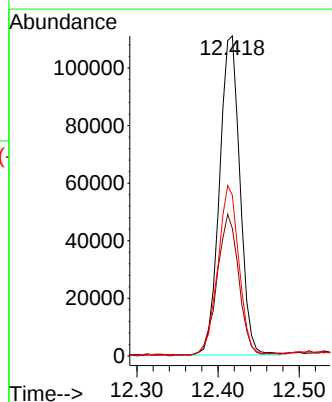
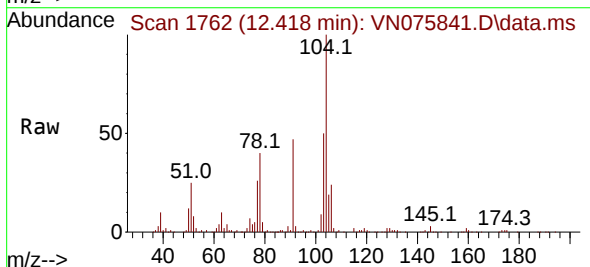
Manual Integrations
APPROVED

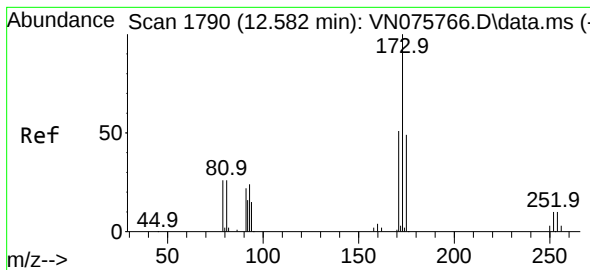
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#70
Styrene
Concen: 19.932 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

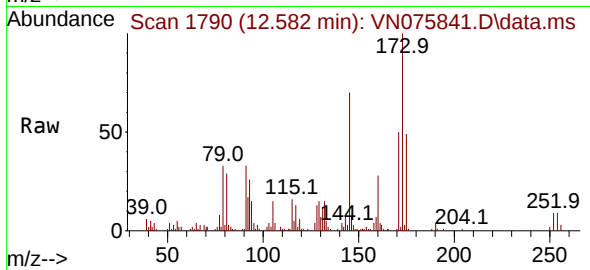
Tgt Ion:104 Resp: 194187
Ion Ratio Lower Upper
104 100
78 47.7 37.5 56.3
103 55.0 43.5 65.3





#71
Bromoform
Concen: 20.562 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

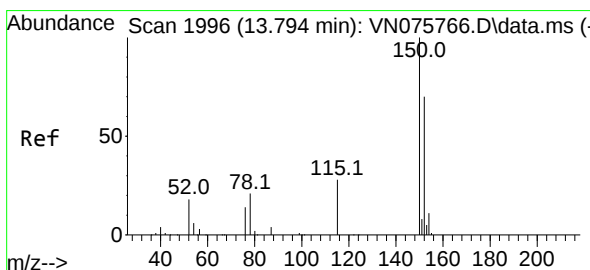
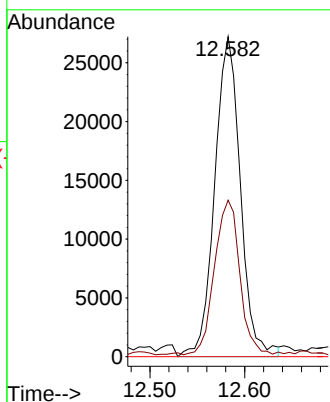
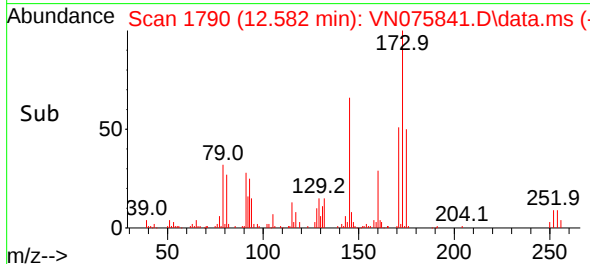
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



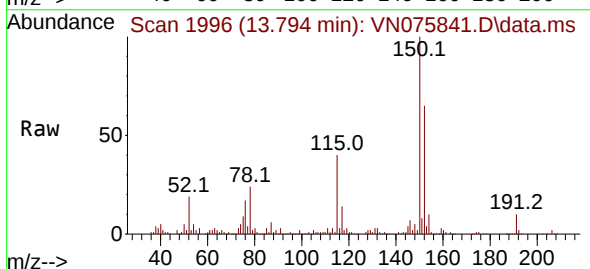
Tgt Ion:173 Resp: 51360
Ion Ratio Lower Upper
173 100
175 47.2 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

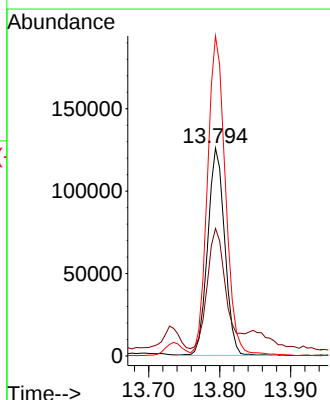
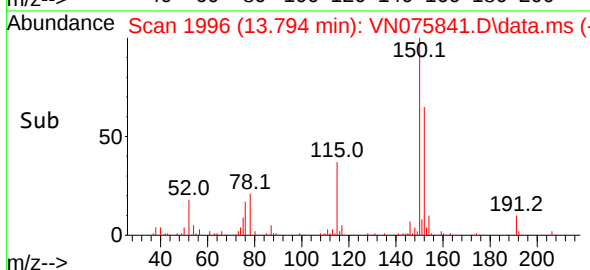
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

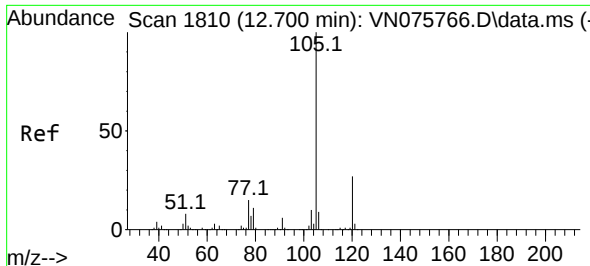


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37



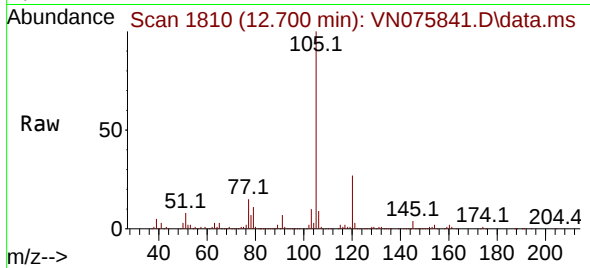
Tgt Ion:152 Resp: 209545
Ion Ratio Lower Upper
152 100
115 63.3 29.1 87.4
150 162.9 0.0 347.0





#73
Isopropylbenzene
Concen: 20.040 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

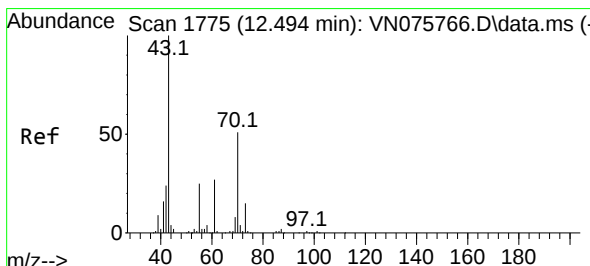
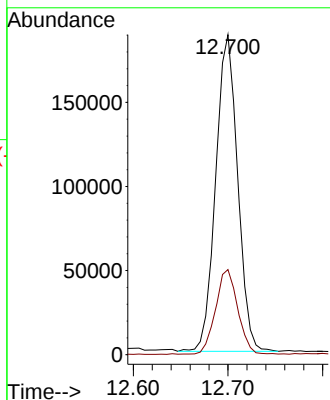
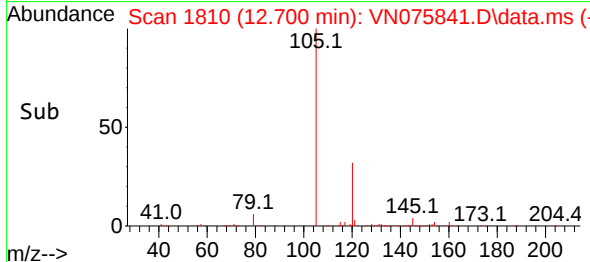
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



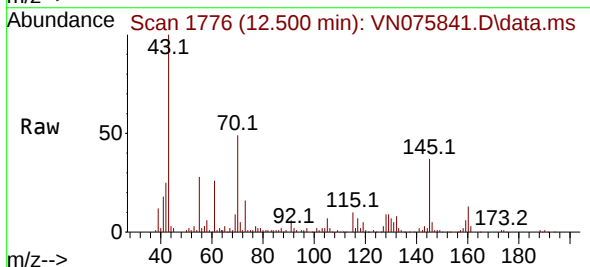
Tgt Ion:105 Resp: 303458
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

Manual Integrations
APPROVED

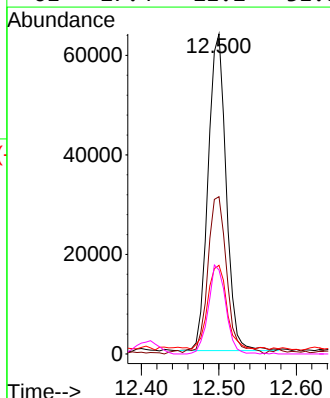
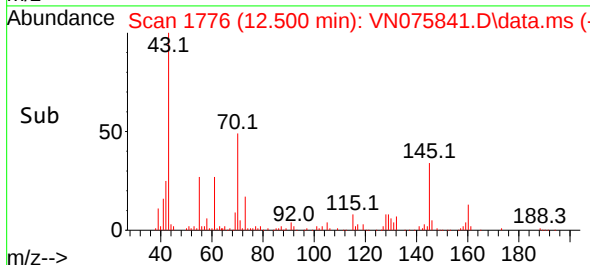
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

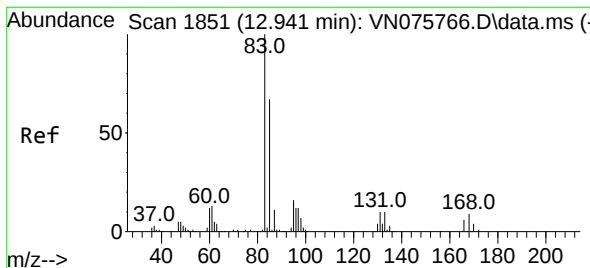


#74
N-ethyl acetate
Concen: 23.091 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37



Tgt Ion: 43 Resp: 102578
Ion Ratio Lower Upper
43 100
70 53.0 41.4 62.0
55 28.6 21.3 31.9
61 27.4 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.952 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

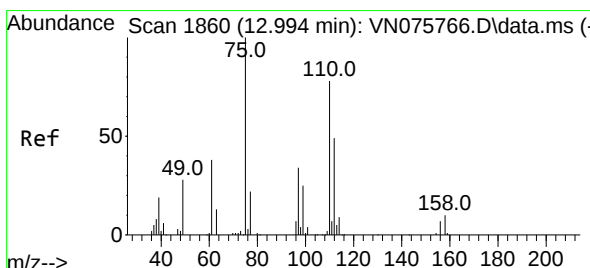
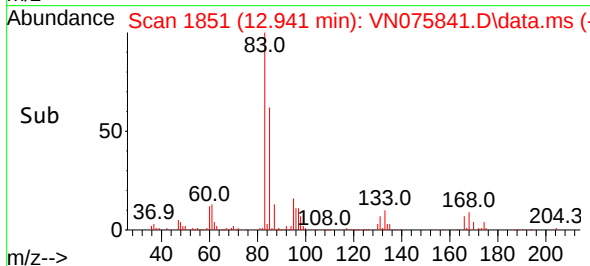
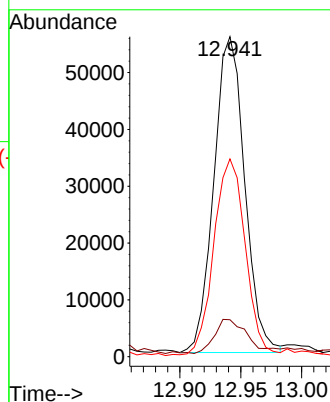
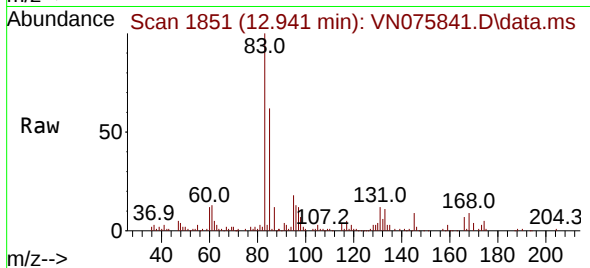
Tgt Ion: 83 Resp: 98080
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.6 16.8
 85 62.7 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#76

1,2,3-Trichloropropane

Concen: 21.619 ug/l m

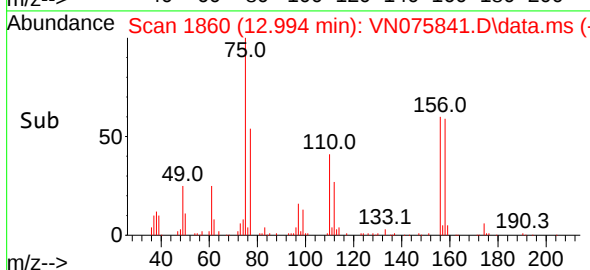
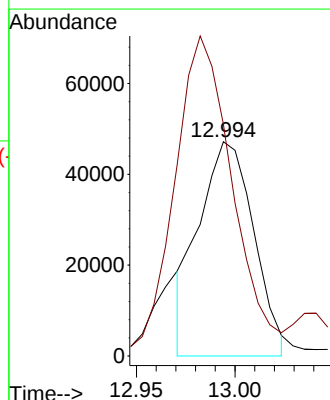
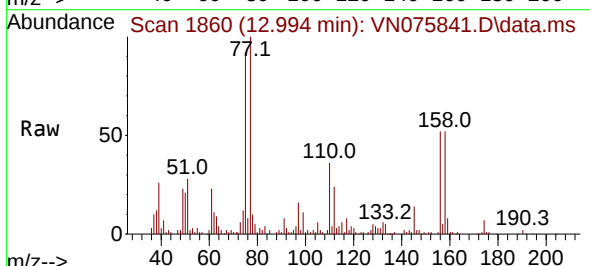
RT: 12.994 min Scan# 1860

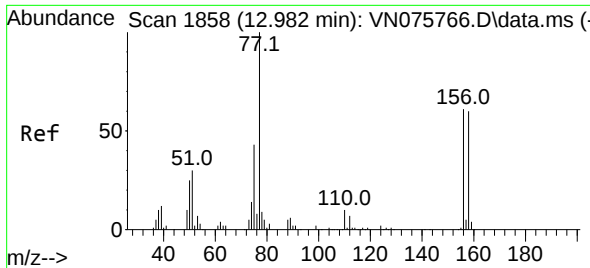
Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

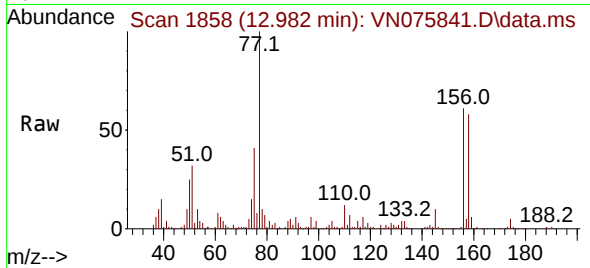
Tgt Ion: 75 Resp: 91316
 Ion Ratio Lower Upper
 75 100
 77 154.9 82.6 247.8





#77
Bromobenzene
Concen: 19.114 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

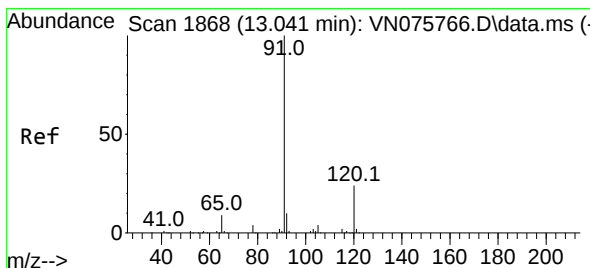
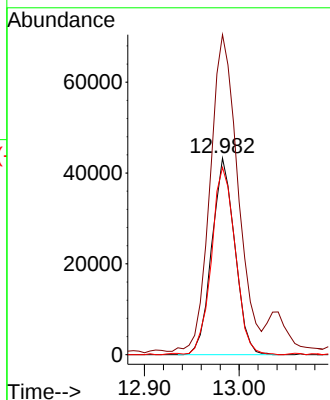
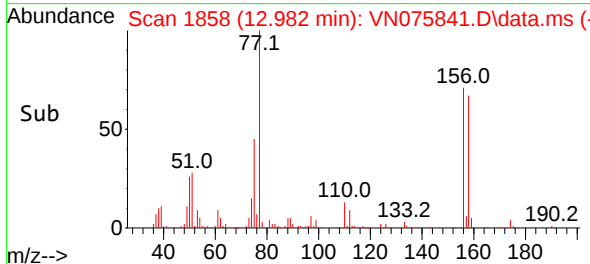
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



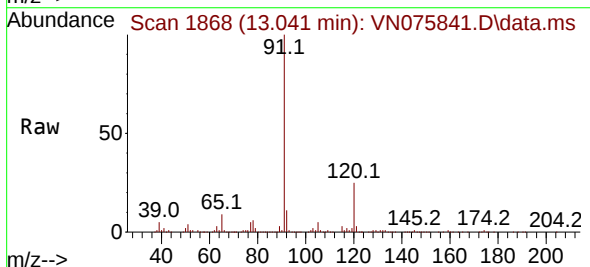
Tgt Ion:156 Resp: 73248
Ion Ratio Lower Upper
156 100
77 193.1 93.8 281.3
158 98.3 48.9 146.6

Manual Integrations
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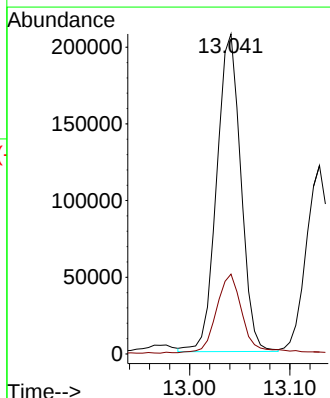
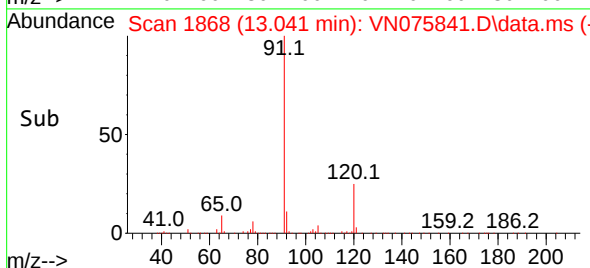
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

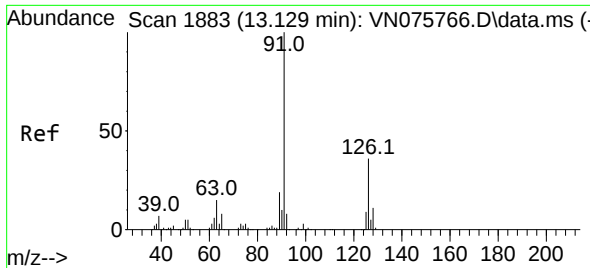


#78
n-propylbenzene
Concen: 20.745 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37



Tgt Ion: 91 Resp: 346471
Ion Ratio Lower Upper
91 100
120 27.5 12.0 36.1





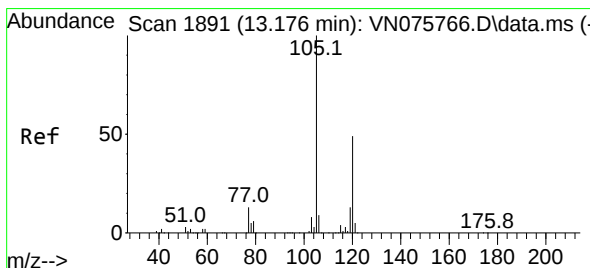
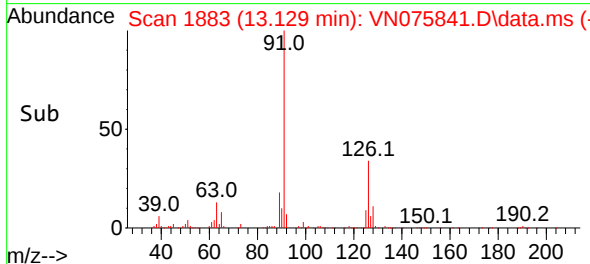
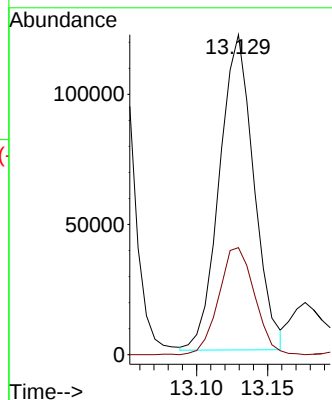
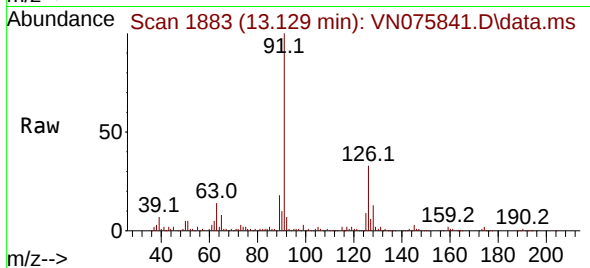
#79
2-Chlorotoluene
Concen: 19.591 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 91 Resp: 204240
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

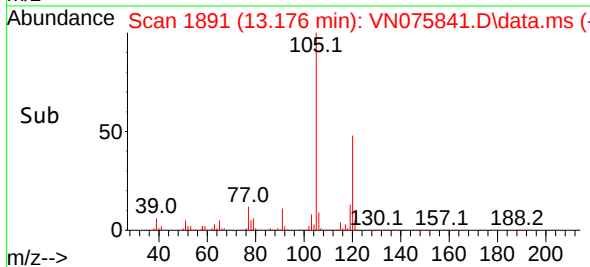
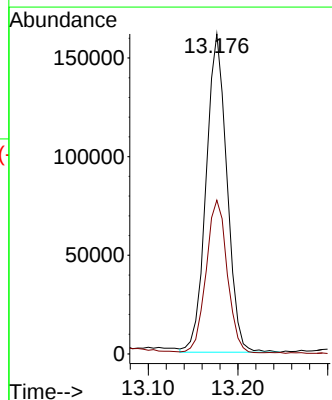
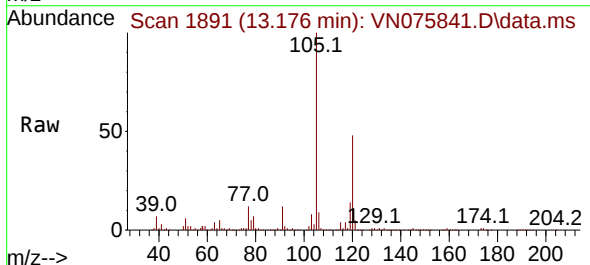
Manual Integrations
APPROVED

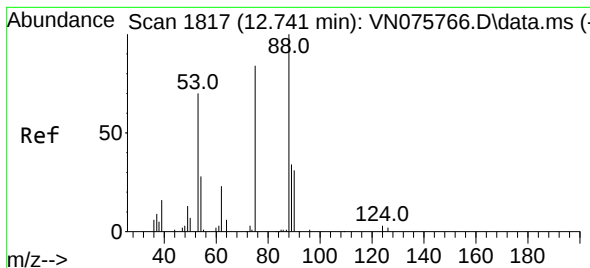
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.469 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

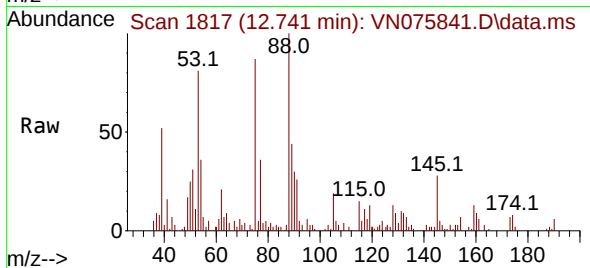
Tgt Ion:105 Resp: 259411
Ion Ratio Lower Upper
105 100
120 48.6 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.977 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

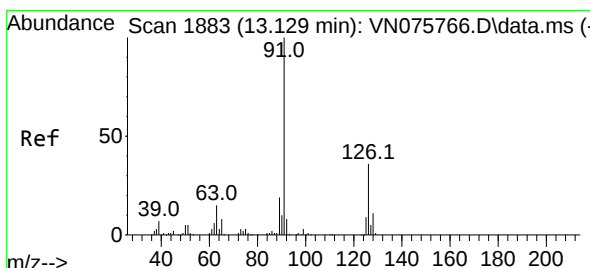
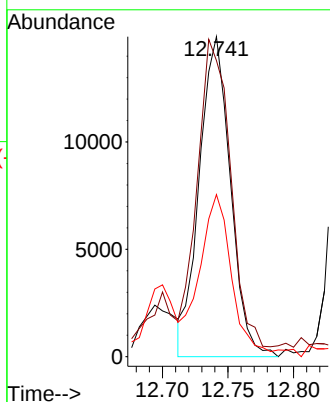
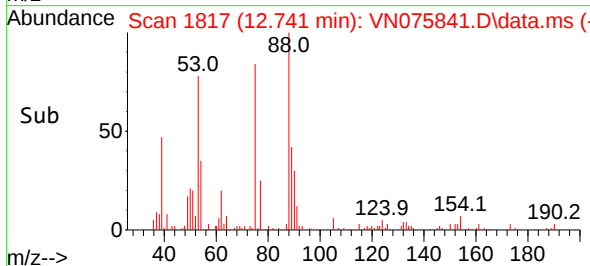
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



Tgt Ion: 75 Resp: 24610
Ion Ratio Lower Upper
75 100
53 101.6 73.8 110.6
89 53.9 39.5 59.3

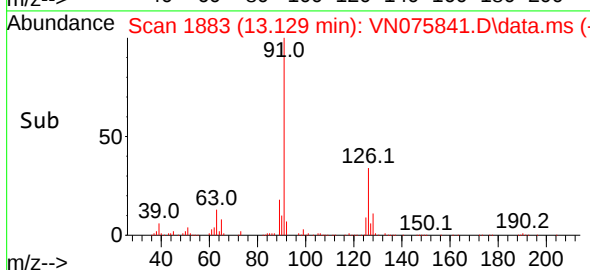
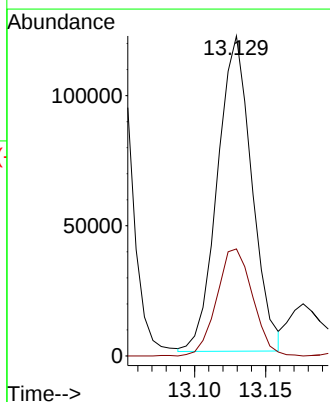
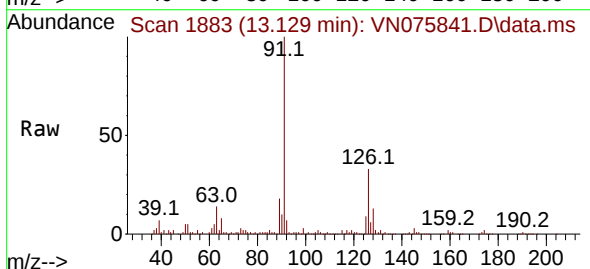
Manual Integrations
APPROVED

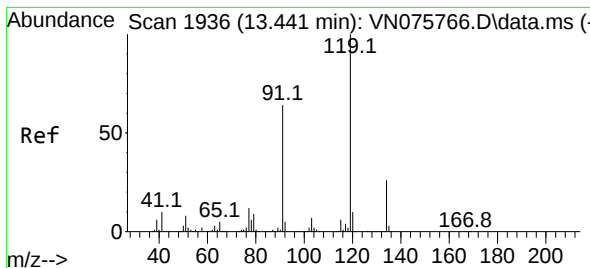
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#82
4-Chlorotoluene
Concen: 19.591 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 91 Resp: 204246
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5





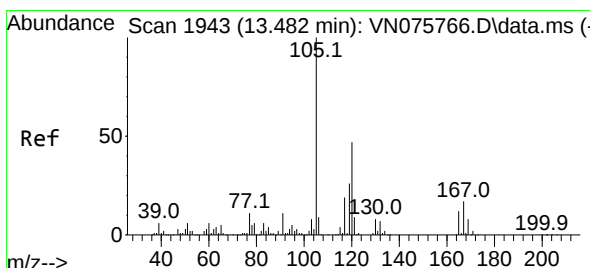
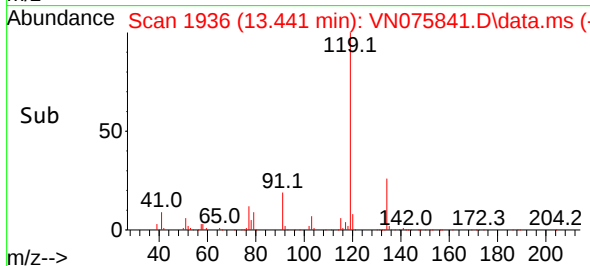
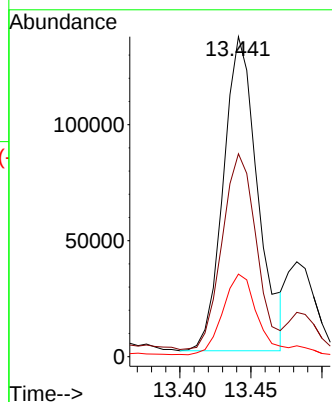
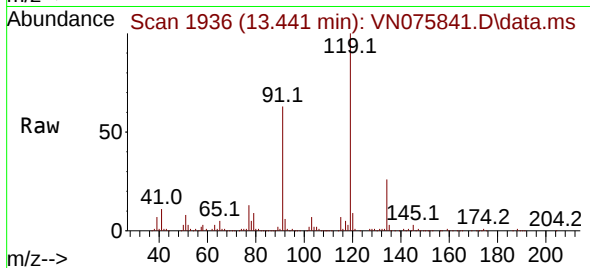
#83
tert-Butylbenzene
Concen: 20.331 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion:119 Resp: 22718
Ion Ratio Lower Upper
119 100
91 62.2 31.9 95.5
134 29.2 13.8 41.4

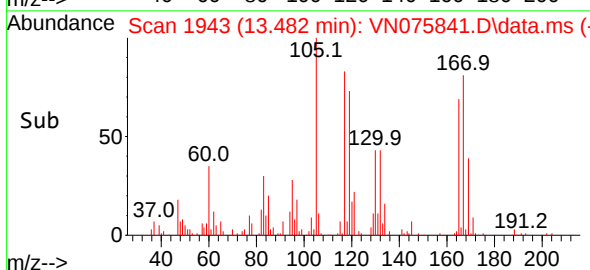
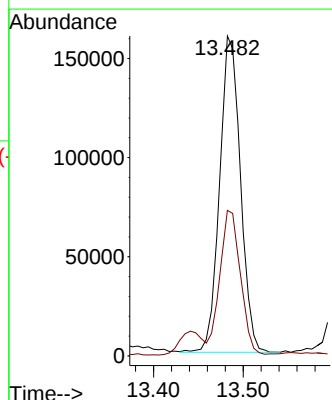
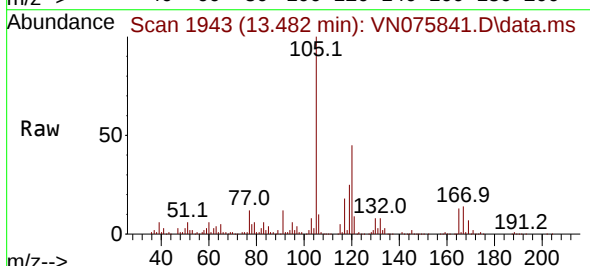
Manual Integrations
APPROVED

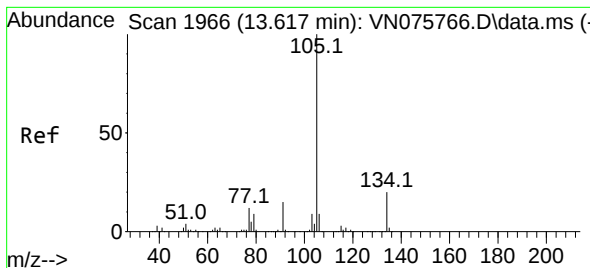
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.442 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:105 Resp: 257014
Ion Ratio Lower Upper
105 100
120 44.7 23.3 69.8





#85

sec-Butylbenzene

Concen: 21.670 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

Tgt Ion:105 Resp: 334210

Ion Ratio Lower Upper

105 100

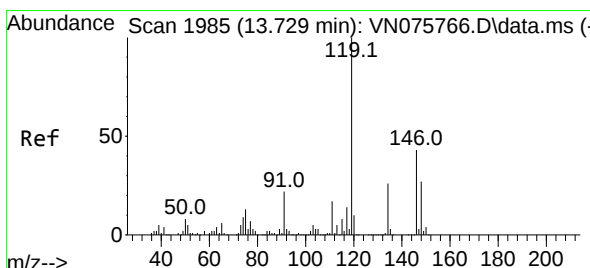
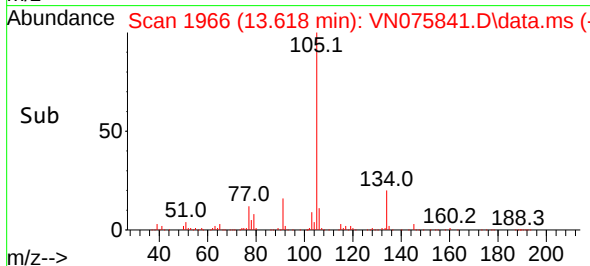
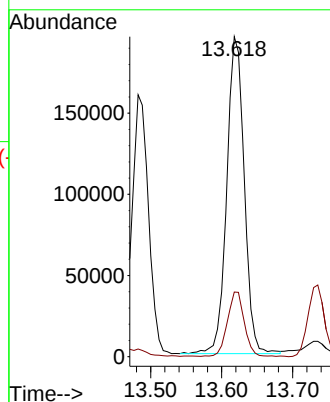
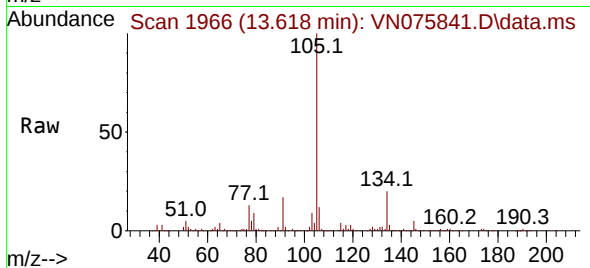
134 19.9 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#86

p-Isopropyltoluene

Concen: 21.974 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

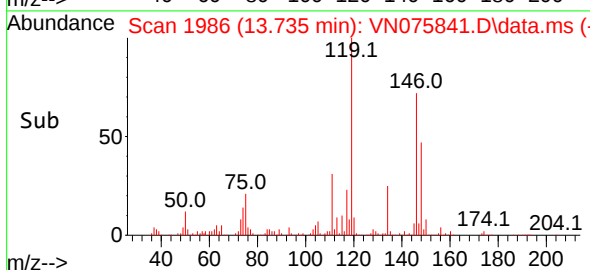
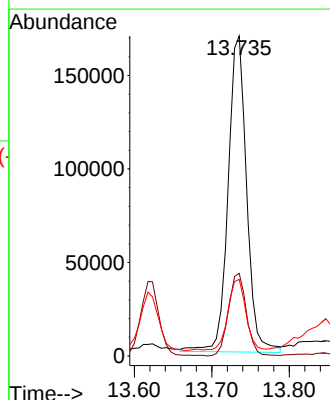
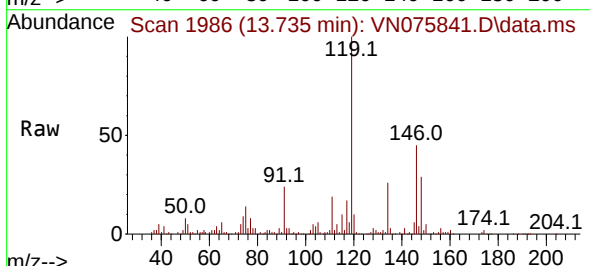
Tgt Ion:119 Resp: 281992

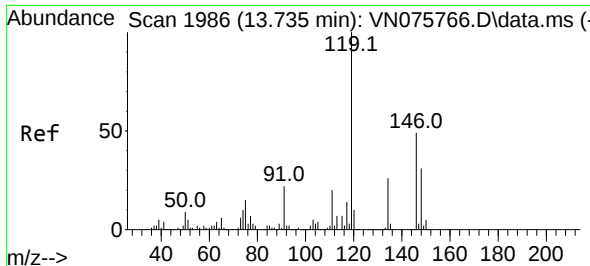
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

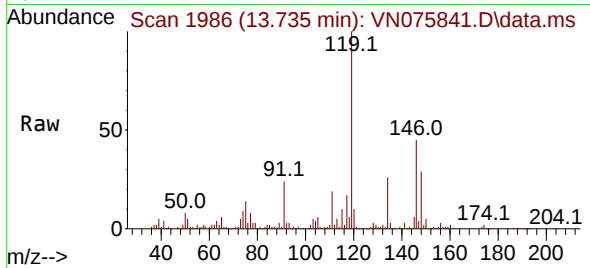
91 21.2 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 18.817 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

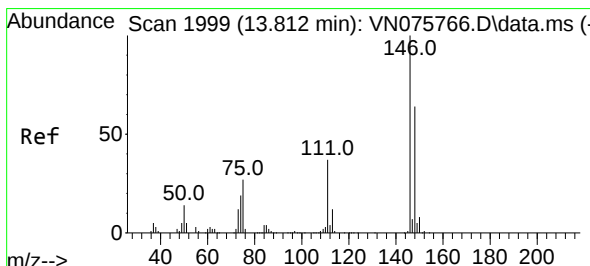
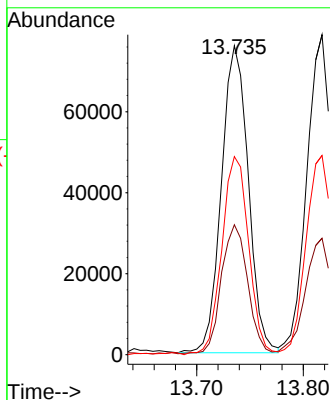
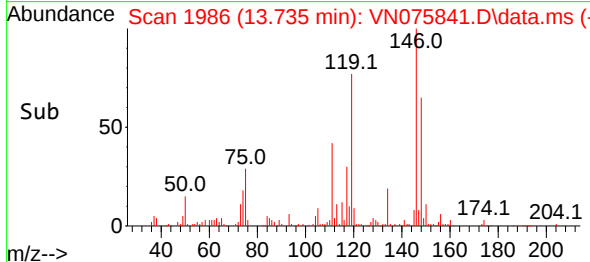
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



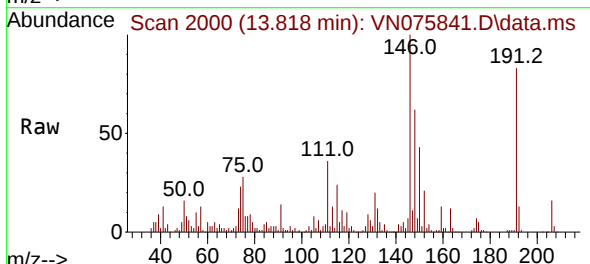
Tgt Ion:146 Resp: 133204
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.0
148 64.3 31.4 94.2

Manual Integrations
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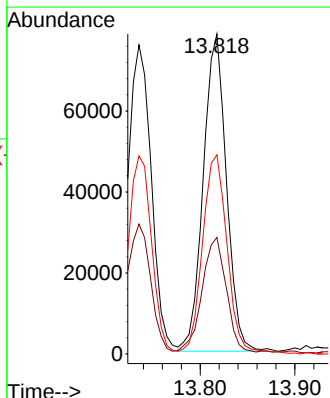
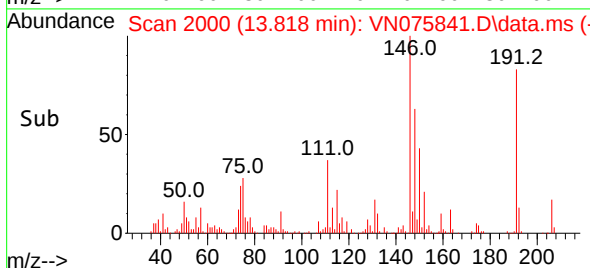
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

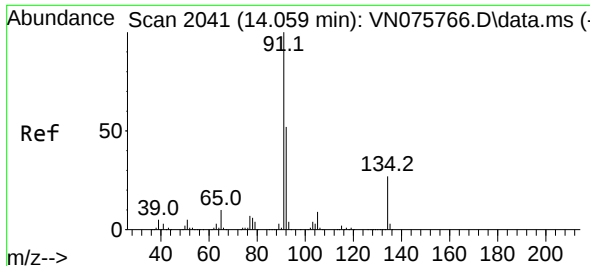


#88
1,4-Dichlorobenzene
Concen: 18.411 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37



Tgt Ion:146 Resp: 133142
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.1
148 67.1 32.0 96.2





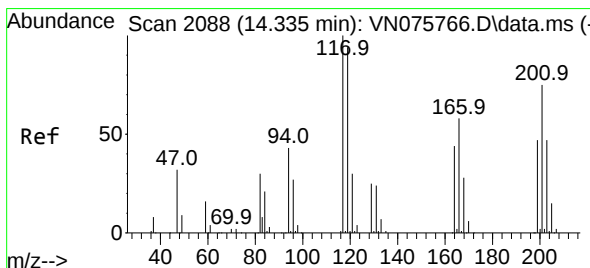
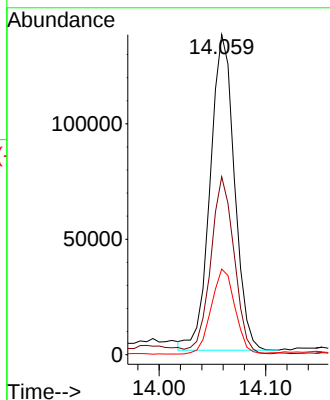
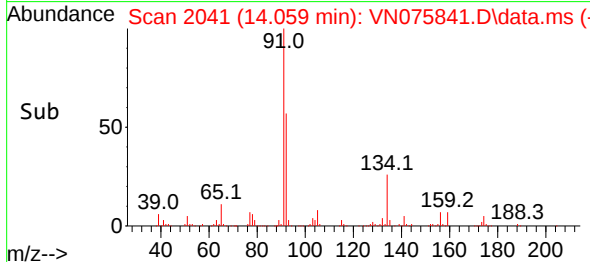
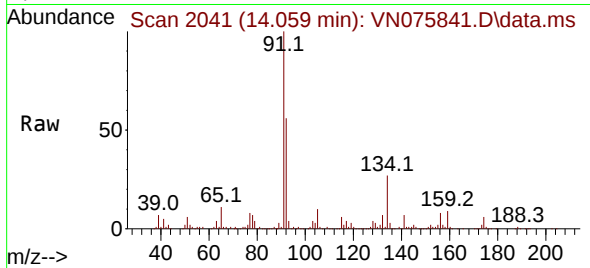
#89
n-Butylbenzene
Concen: 20.831 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion: 91 Resp: 21656
Ion Ratio Lower Upper
91 100
92 54.1 26.4 79.2
134 26.3 13.4 40.2

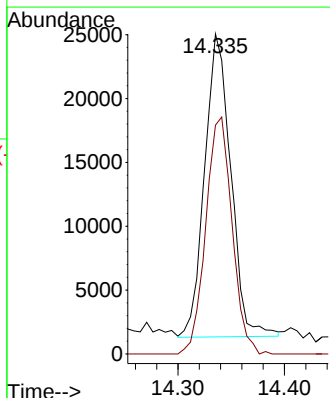
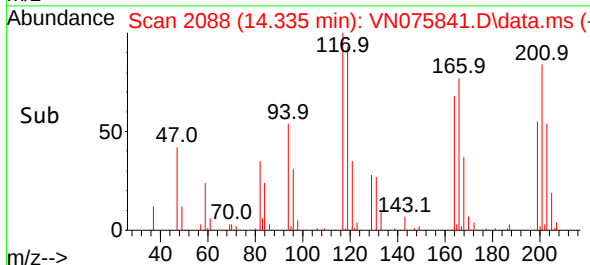
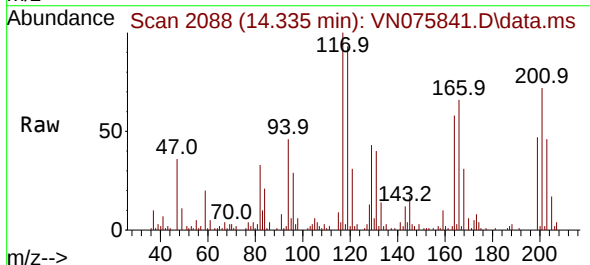
Manual Integrations
APPROVED

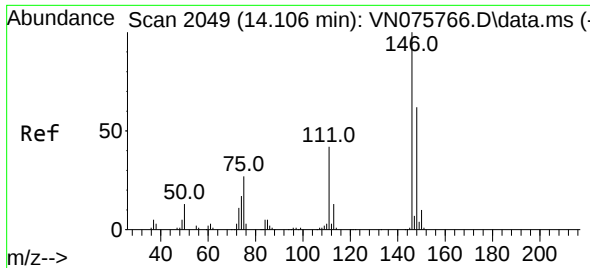
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#90
Hexachloroethane
Concen: 17.627 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion:117 Resp: 40465
Ion Ratio Lower Upper
117 100
201 78.6 38.0 114.1





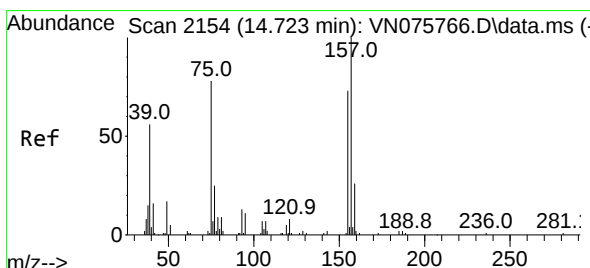
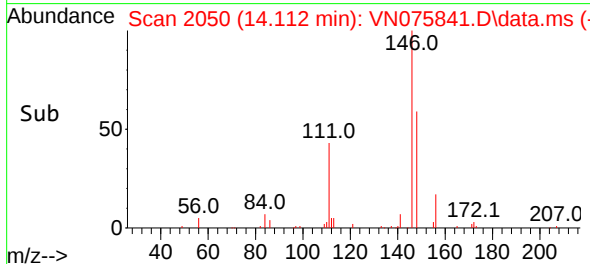
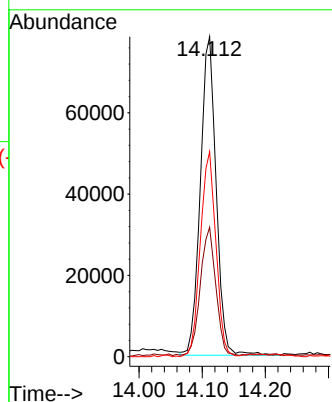
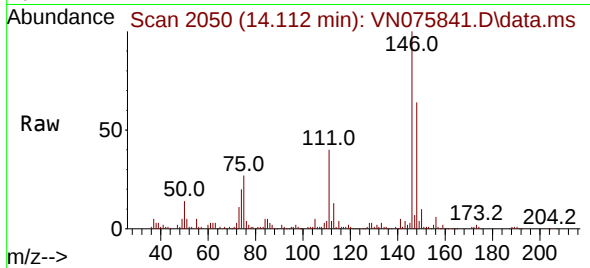
#91
1,2-Dichlorobenzene
Concen: 19.606 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01

Tgt Ion:146 Resp: 13670
Ion Ratio Lower Upper
146 100
111 39.1 20.3 61.0
148 63.1 31.7 95.1

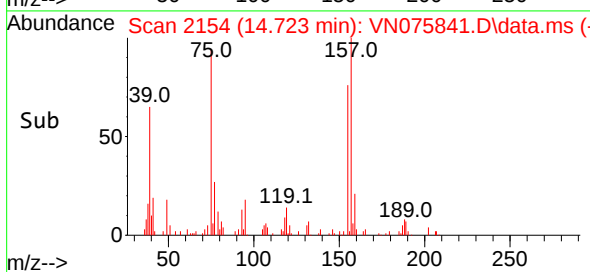
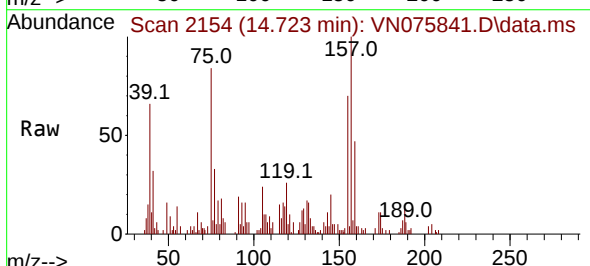
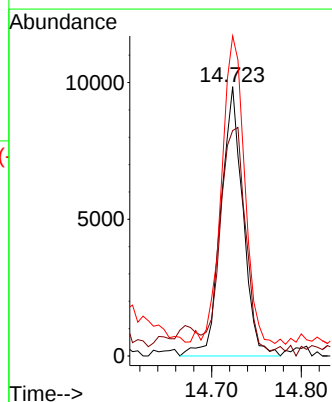
Manual Integrations
APPROVED

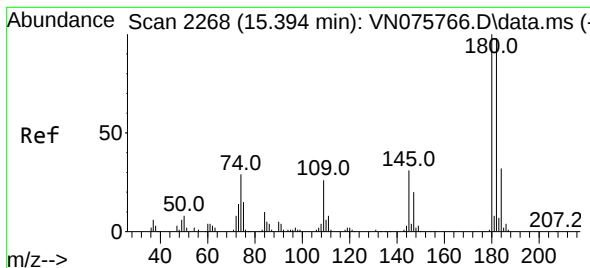
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.372 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

Tgt Ion: 75 Resp: 16922
Ion Ratio Lower Upper
75 100
155 92.7 49.3 147.8
157 118.0 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 19.410 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

VN1216MBS01

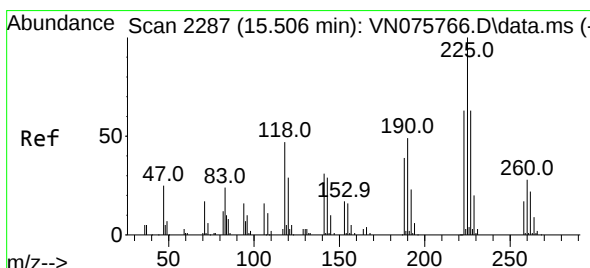
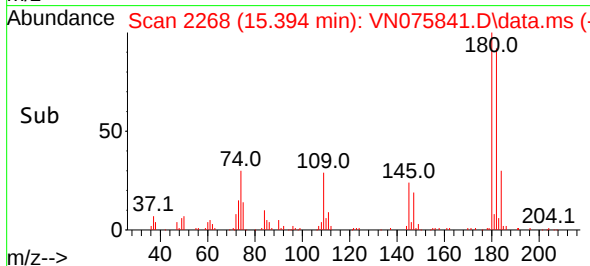
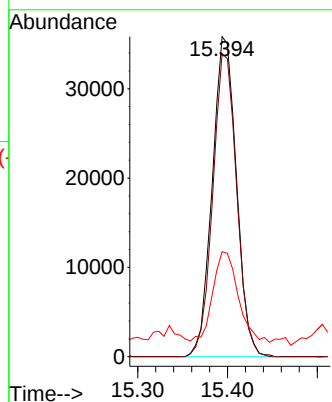
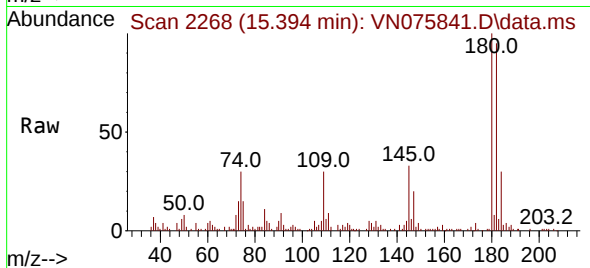
Tgt Ion:180	Resp:	6700
Ion Ratio	Lower	Upper
180	100	
182	93.5	47.5 142.5
145	32.3	15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#94

Hexachlorobutadiene

Concen: 18.176 ug/l

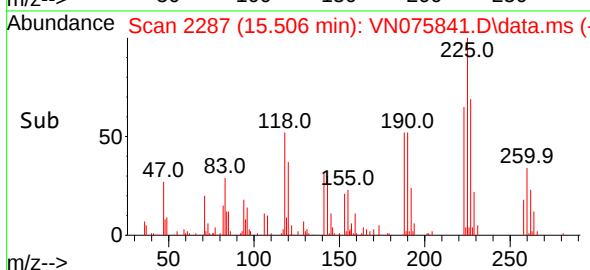
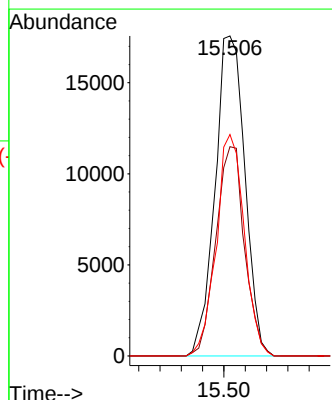
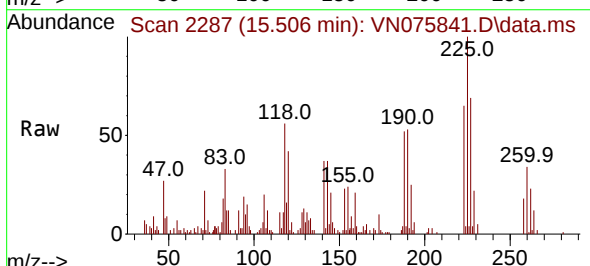
RT: 15.506 min Scan# 2287

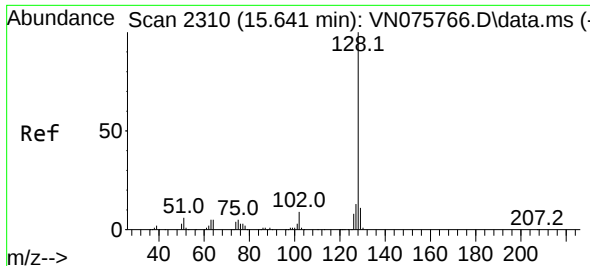
Delta R.T. 0.000 min

Lab File: VN075841.D

Acq: 16 Dec 2022 12:37

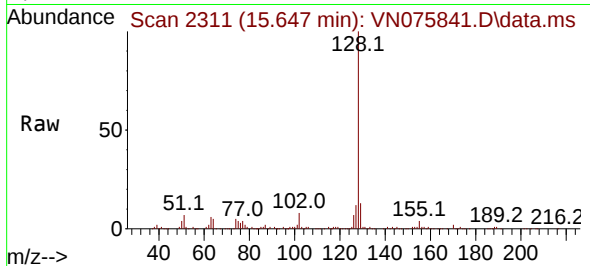
Tgt Ion:225	Resp:	34232
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.5 94.5
227	64.7	31.6 95.0





#95
Naphthalene
Concen: 21.530 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37

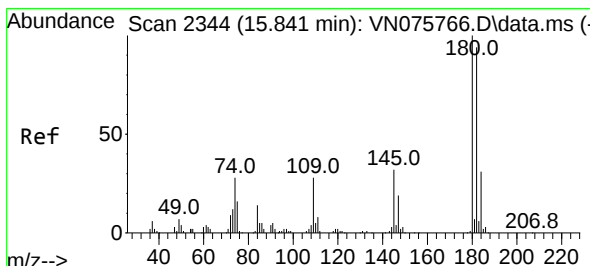
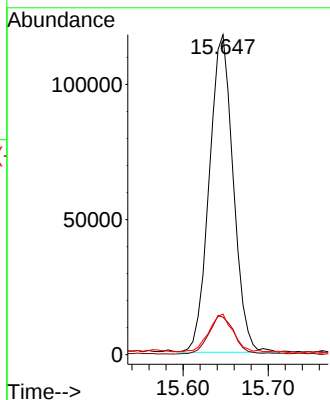
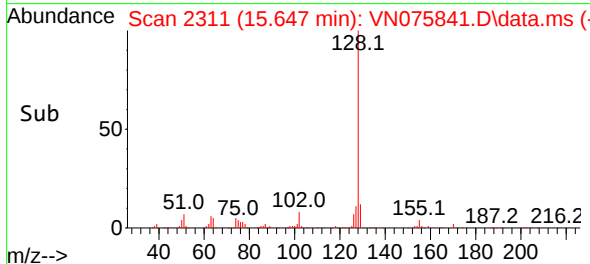
Instrument :
MSVOA_N
ClientSampleId :
VN1216MBS01



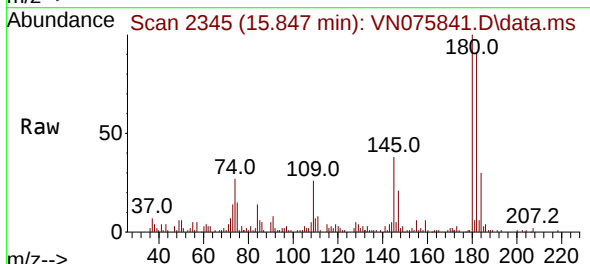
Tgt Ion:128 Resp: 230750
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 13.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.348 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075841.D
Acq: 16 Dec 2022 12:37



Tgt Ion:180 Resp: 65650
Ion Ratio Lower Upper
180 100
182 98.3 47.0 141.0
145 43.9 16.0 47.9

