

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075838.D
 Acq On : 16 Dec 2022 11:16
 Operator : JC\MD
 Sample : VN1216WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 08:36:37 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	8.229	168	309493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	503709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	450653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	217335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	175106	52.007	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.020%			
35) Dibromofluoromethane	8.177	113	158859	50.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	10.571	98	608127	52.141	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.280%			
62) 4-Bromofluorobenzene	12.853	95	202812	52.502	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	39889	18.152	ug/l	98
3) Chloromethane	2.377	50	49669	18.177	ug/l	97
4) Vinyl Chloride	2.530	62	60664	18.611	ug/l	99
5) Bromomethane	2.959	94	52351	18.898	ug/l	93
6) Chloroethane	3.124	64	46655	19.328	ug/l	97
7) Trichlorofluoromethane	3.512	101	94733	19.153	ug/l	97
8) Diethyl Ether	3.977	74	33983	18.812	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.394	101	55511	19.655	ug/l	97
10) Methyl Iodide	4.606	142	84695	18.478	ug/l	99
11) Tert butyl alcohol	5.541	59	44431	93.259	ug/l	100
12) 1,1-Dichloroethene	4.353	96	52976	19.313	ug/l	96
13) Acrolein	4.194	56	74284	127.181	ug/l	100
14) Allyl chloride	5.041	41	67698	21.112	ug/l	99
15) Acrylonitrile	5.730	53	129591	99.675	ug/l	100
16) Acetone	4.447	43	118162	101.805	ug/l	99
17) Carbon Disulfide	4.730	76	120041	18.075	ug/l #	93
18) Methyl Acetate	5.041	43	68220	19.884	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	179494	19.871	ug/l	97
20) Methylene Chloride	5.294	84	62500	19.742	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	56046	18.657	ug/l	95
22) Diisopropyl ether	6.683	45	157571	20.229	ug/l	98
23) Vinyl Acetate	6.618	43	522305	99.621	ug/l	99
24) 1,1-Dichloroethane	6.583	63	97869	18.839	ug/l	100
25) 2-Butanone	7.488	43	167881	103.302	ug/l	97
26) 2,2-Dichloropropane	7.500	77	85345	19.399	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	68852	19.164	ug/l	97
28) Bromochloromethane	7.824	49	43619	19.157	ug/l	96
29) Tetrahydrofuran	7.847	42	103807	101.928	ug/l	99
30) Chloroform	7.977	83	113468	19.399	ug/l	94
31) Cyclohexane	8.265	56	92718	19.228	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	101290	19.533	ug/l	97
36) 1,1-Dichloropropene	8.377	75	78543	18.954	ug/l	98
37) Ethyl Acetate	7.565	43	67561	20.298	ug/l	97
38) Carbon Tetrachloride	8.371	117	88654	19.115	ug/l	97
39) Methylcyclohexane	9.606	83	98141	19.631	ug/l	99
40) Benzene	8.618	78	239472	18.731	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33321	19.259	ug/l	95
42) 1,2-Dichloroethane	8.677	62	80856	19.023	ug/l	100
43) Isopropyl Acetate	8.694	43	111671	20.339	ug/l	100
44) Trichloroethene	9.353	130	65463	18.175	ug/l	92
45) 1,2-Dichloropropane	9.629	63	59080	18.990	ug/l	94
46) Dibromomethane	9.712	93	44157	19.136	ug/l	99
47) Bromodichloromethane	9.894	83	87128	19.254	ug/l	98
48) Methyl methacrylate	9.682	41	50411	20.385	ug/l	97
49) 1,4-Dioxane	9.700	88	24556	403.914	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	348247	104.878	ug/l	98
52) Toluene	10.635	92	163255	19.606	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	87299	19.708	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	95107	19.555	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	64198	19.643	ug/l	98
56) Ethyl methacrylate	10.876	69	87705	20.203	ug/l	97
57) 1,3-Dichloropropane	11.165	76	102152	19.055	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	156538	113.259	ug/l	98
59) 2-Hexanone	11.200	43	253228	104.574	ug/l	99
60) Dibromochloromethane	11.359	129	68564	18.864	ug/l	97
61) 1,2-Dibromoethane	11.470	107	63756	19.277	ug/l	98
64) Tetrachloroethene	11.106	164	59553	18.780	ug/l	98
65) Chlorobenzene	11.894	112	173749	18.785	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	66417	19.386	ug/l	99
67) Ethyl Benzene	11.965	91	308171	19.741	ug/l	97
68) m/p-Xylenes	12.076	106	244331	39.544	ug/l	99
69) o-Xylene	12.400	106	122569	20.045	ug/l	98
70) Styrene	12.412	104	197181	20.282	ug/l	99
71) Bromoform	12.582	173	49785	19.970	ug/l #	100
73) Isopropylbenzene	12.700	105	318662	20.290	ug/l	99
74) N-amyl acetate	12.500	43	92565	20.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	92412	19.034	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	80588m	18.395	ug/l	
77) Bromobenzene	12.982	156	75078	18.889	ug/l	99
78) n-propylbenzene	13.041	91	354375	20.458	ug/l	99
79) 2-Chlorotoluene	13.129	91	209580	19.382	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	265769	20.219	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24248	19.923	ug/l	93
82) 4-Chlorotoluene	13.129	91	209580	19.382	ug/l	99
83) tert-Butylbenzene	13.441	119	243598	21.019	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	263797	20.230	ug/l	100
85) sec-Butylbenzene	13.623	105	327989	20.504	ug/l	99
86) p-Isopropyltoluene	13.735	119	276684	20.787	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	138776	18.901	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	136614	18.214	ug/l	98
89) n-Butylbenzene	14.059	91	212358	19.694	ug/l	100
90) Hexachloroethane	14.335	117	49090	20.618	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	137926	19.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14850	17.237	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	63544	17.748	ug/l	98
94) Hexachlorobutadiene	15.506	225	35346	18.095	ug/l	99
95) Naphthalene	15.647	128	187083	17.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	63505	18.977	ug/l	100

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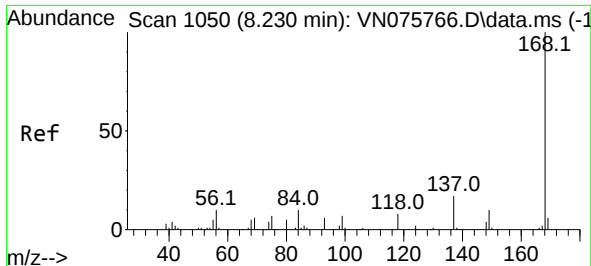
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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

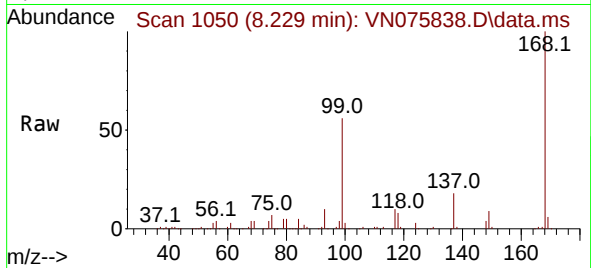
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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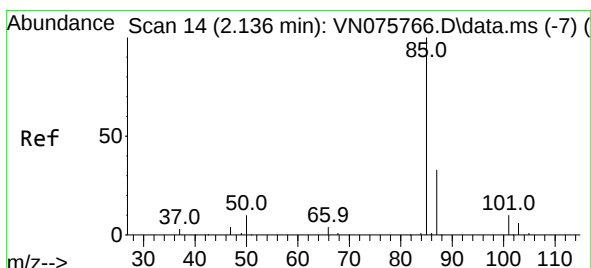
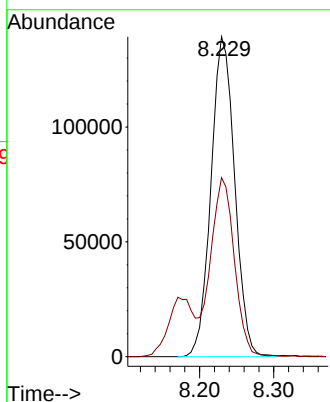
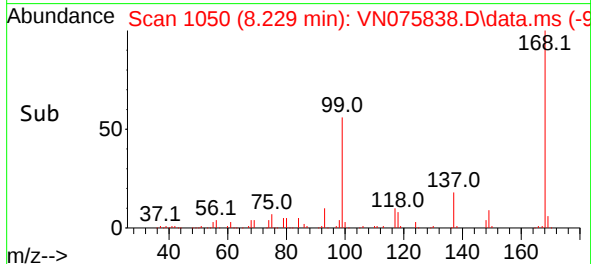
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



Tgt Ion:168 Resp: 30949
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4

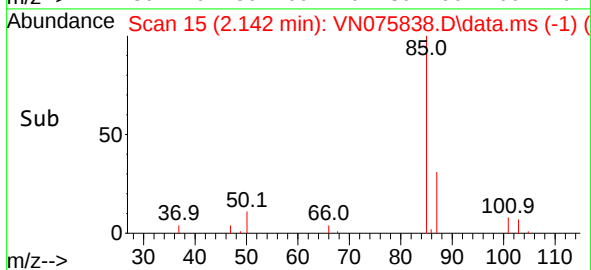
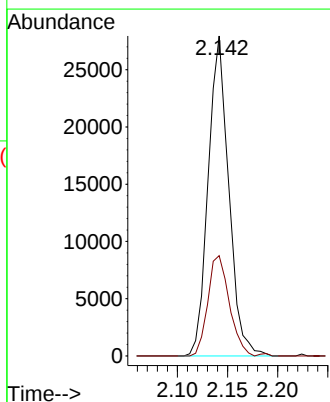
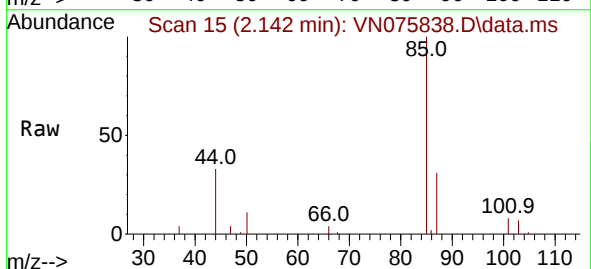
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#2
Dichlorodifluoromethane
Concen: 18.152 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

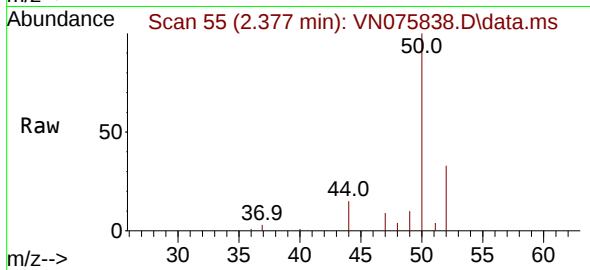
Tgt Ion: 85 Resp: 39889
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





#3
Chloromethane
Concen: 18.177 ug/l
RT: 2.377 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

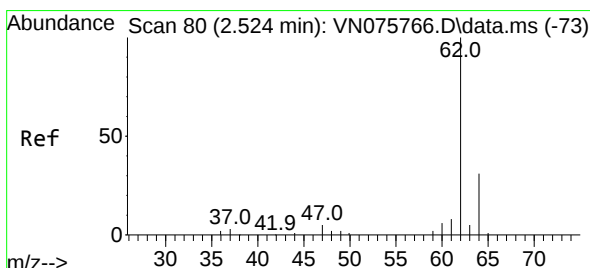
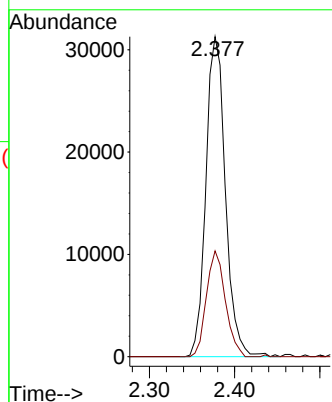
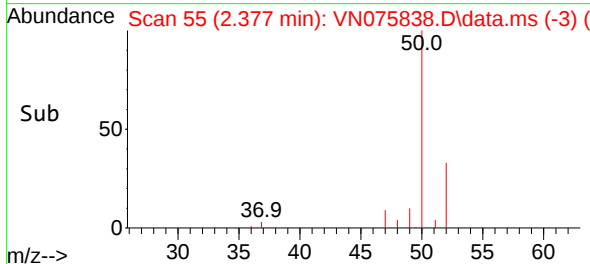
Instrument :
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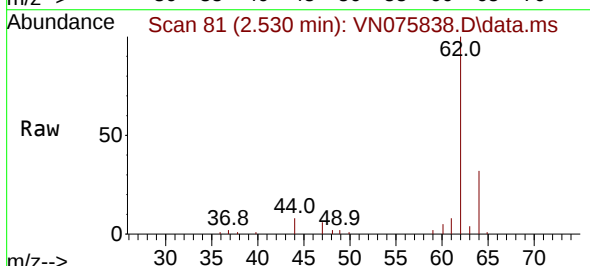
Tgt Ion: 50 Resp: 49669
Ion Ratio Lower Upper
50 100
52 33.0 27.7 41.5

Manual Integrations
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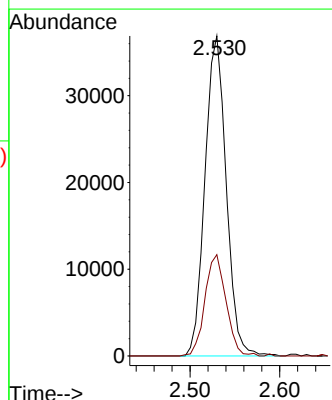
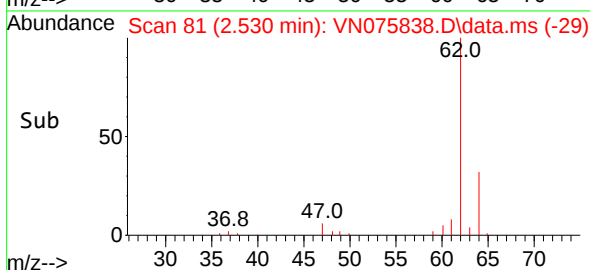
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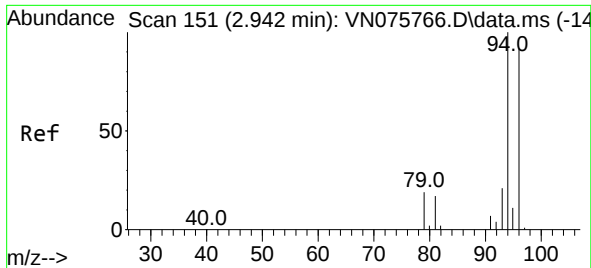


#4
Vinyl Chloride
Concen: 18.611 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16



Tgt Ion: 62 Resp: 60664
Ion Ratio Lower Upper
62 100
64 31.6 24.9 37.3





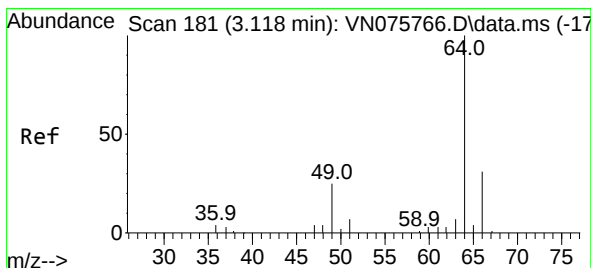
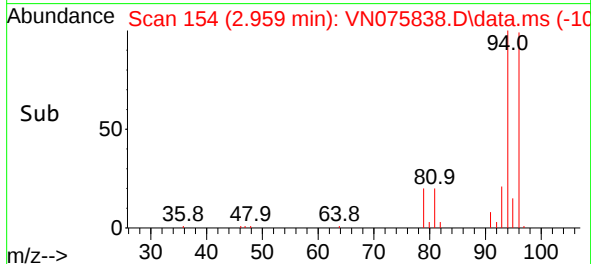
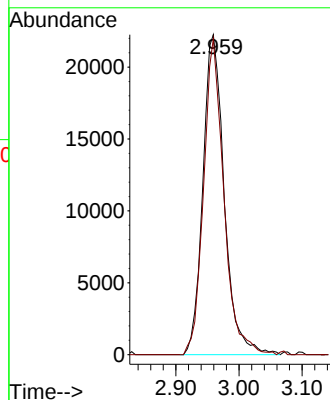
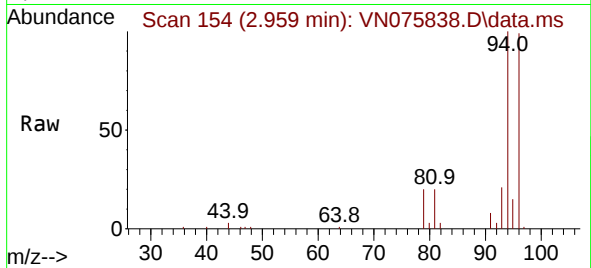
#5
Bromomethane
Concen: 18.898 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
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Tgt Ion: 94 Resp: 5235
Ion Ratio Lower Upper
94 100
96 98.7 73.8 110.6

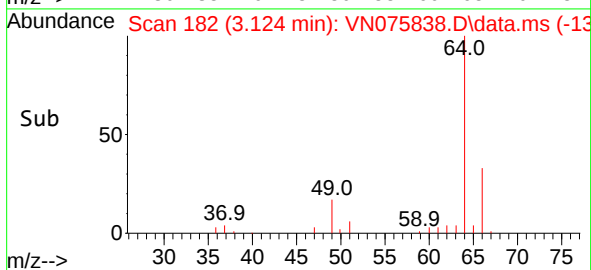
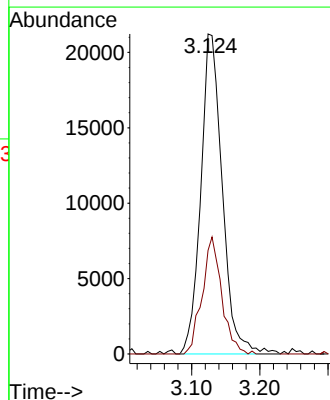
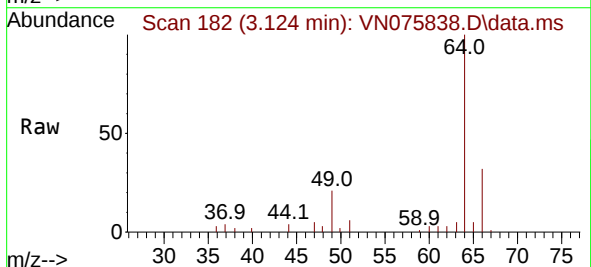
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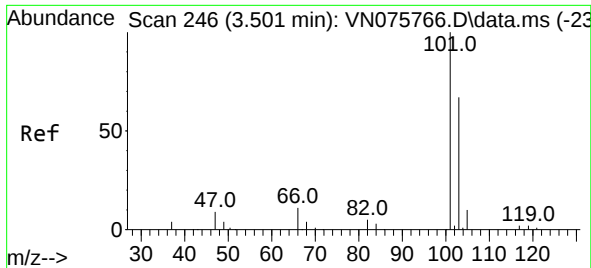
Reviewed By :John Carlone 12/19/2022
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#6
Chloroethane
Concen: 19.328 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

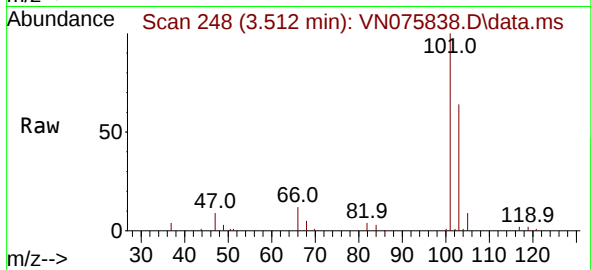
Tgt Ion: 64 Resp: 46655
Ion Ratio Lower Upper
64 100
66 32.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 19.153 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075838.D
 Acq: 16 Dec 2022 11:16

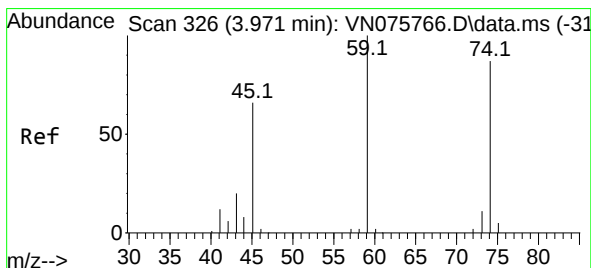
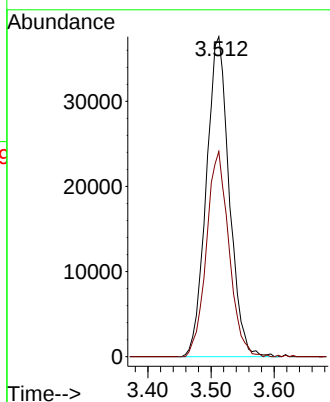
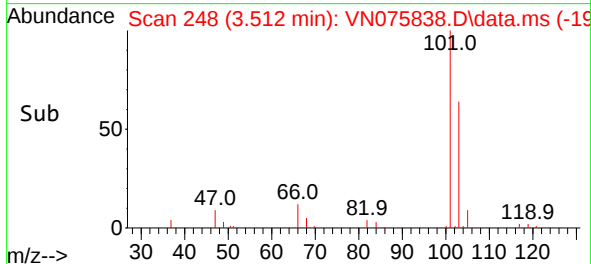
Instrument :
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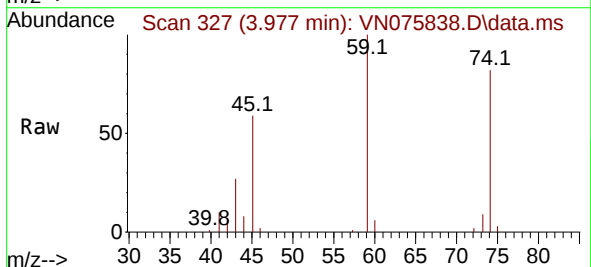
Tgt Ion:101 Resp: 9473
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.4 80.2

Manual Integrations
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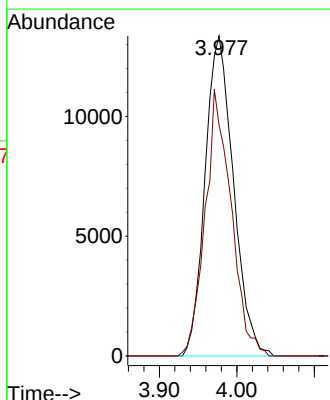
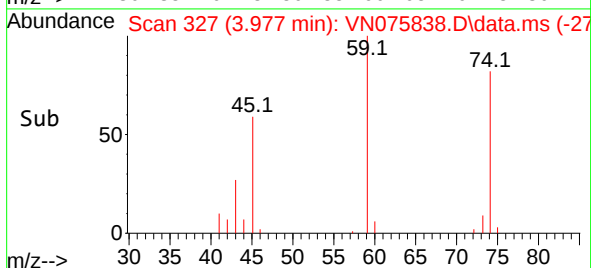
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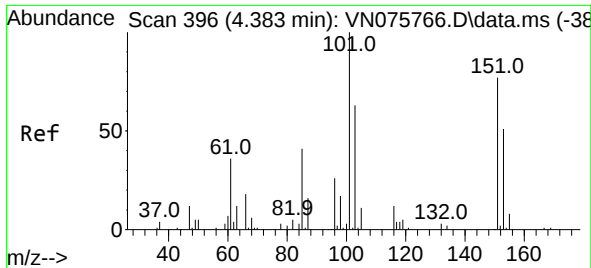


#8
 Diethyl Ether
 Concen: 18.812 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075838.D
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Tgt Ion: 74 Resp: 33983
 Ion Ratio Lower Upper
 74 100
 45 76.3 37.8 113.4





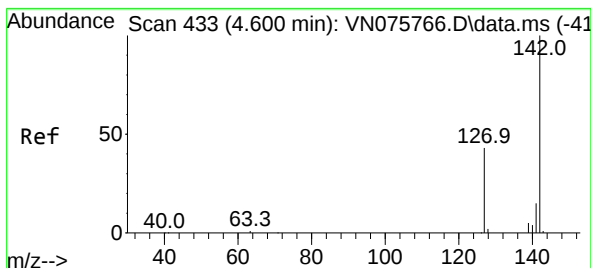
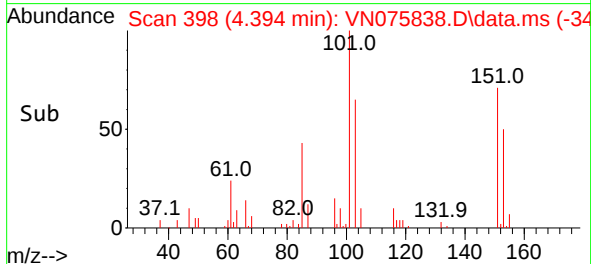
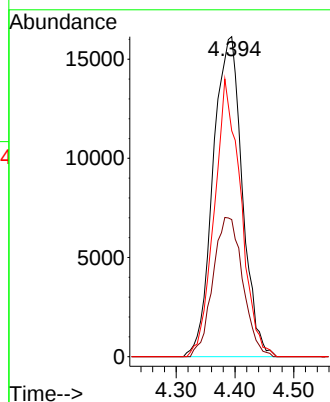
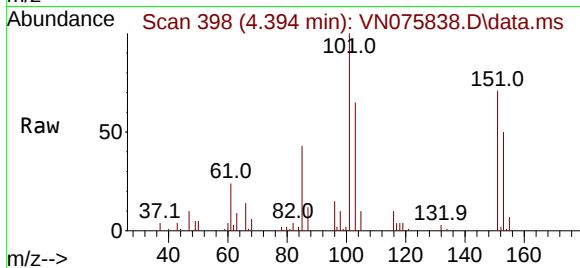
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.655 ug/l
RT: 4.394 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

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Tgt Ion:101 Resp: 5551
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 78.8 65.6 98.4

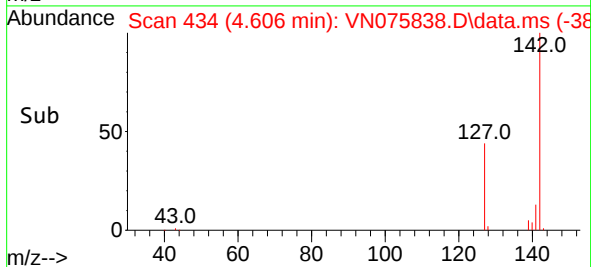
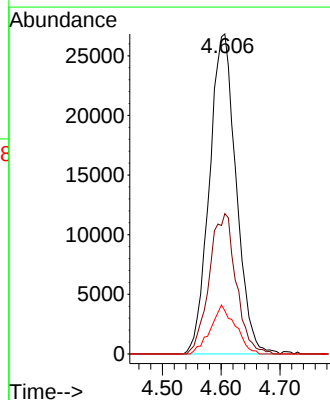
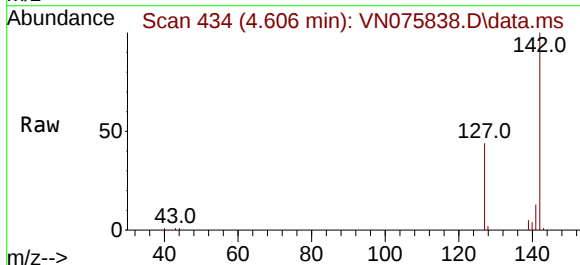
Manual Integrations
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Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#10
Methyl Iodide
Concen: 18.478 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion:142 Resp: 84695
Ion Ratio Lower Upper
142 100
127 44.0 34.7 52.1
141 14.2 11.4 17.2





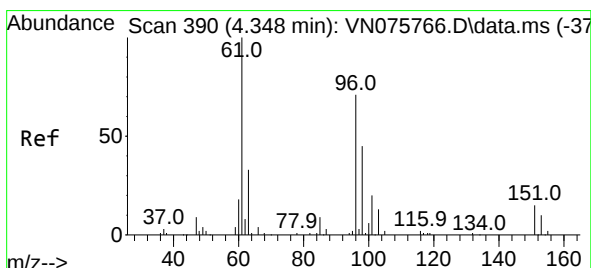
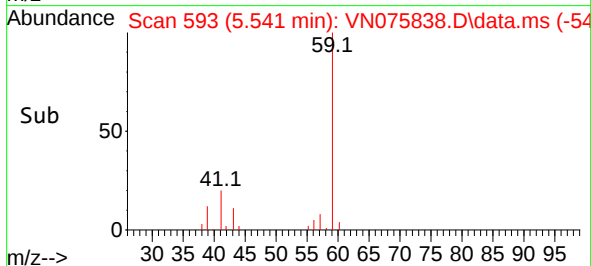
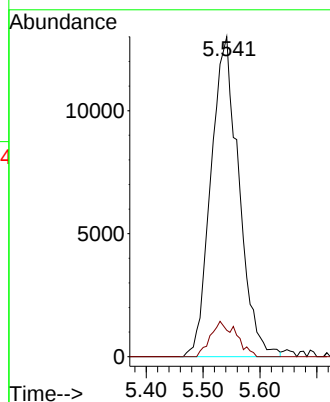
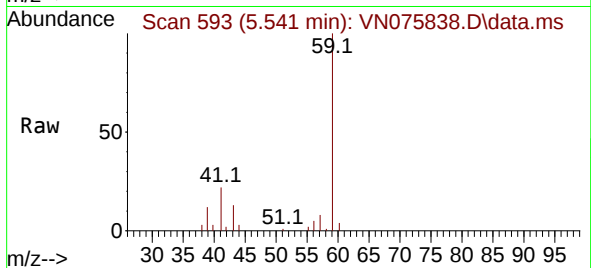
#11
Tert butyl alcohol
Concen: 93.259 ug/l
RT: 5.541 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 59 Resp: 4443
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

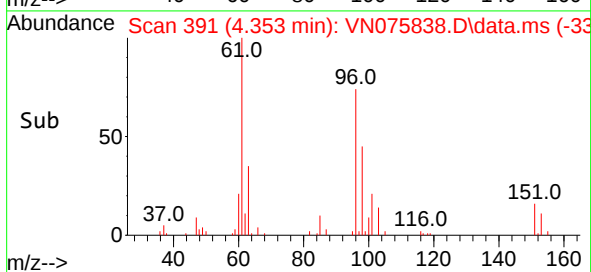
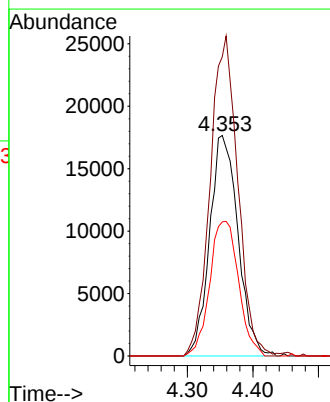
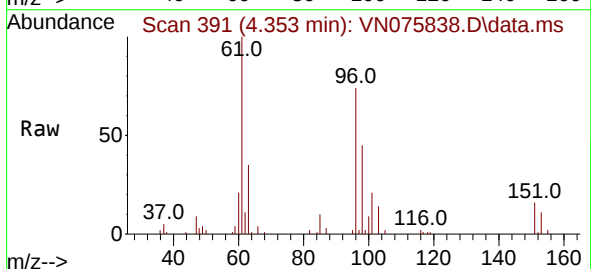
Manual Integrations
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Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#12
1,1-Dichloroethene
Concen: 19.313 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion: 96 Resp: 52976
Ion Ratio Lower Upper
96 100
61 135.6 113.3 169.9
98 60.8 50.9 76.3





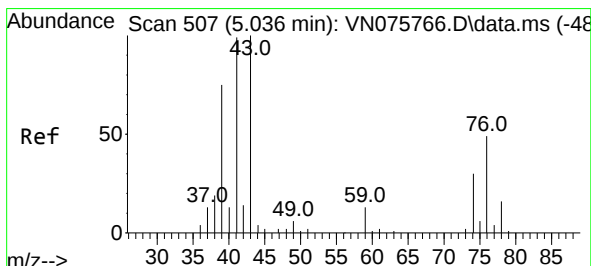
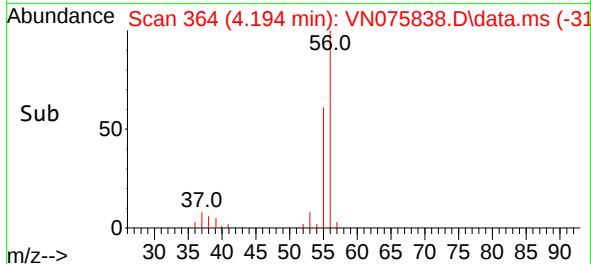
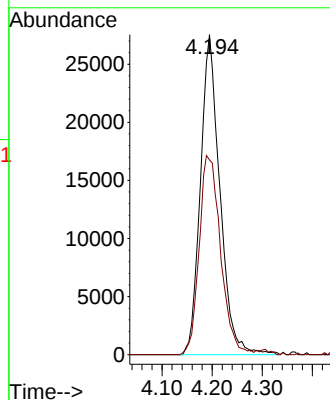
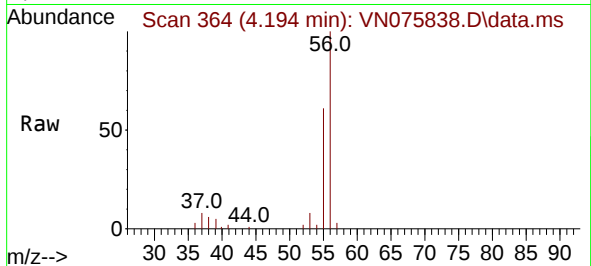
#13
Acrolein
Concen: 127.181 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 56 Resp: 74284
Ion Ratio Lower Upper
56 100
55 68.4 54.8 82.2

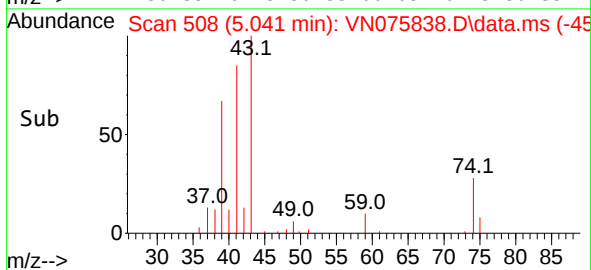
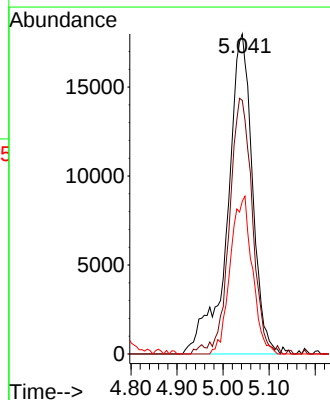
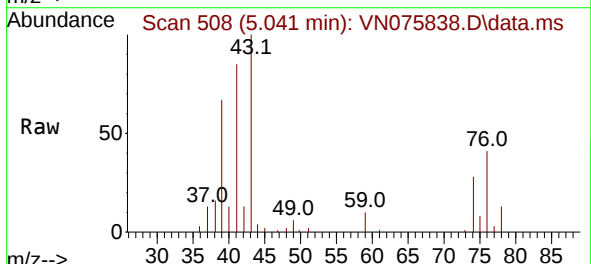
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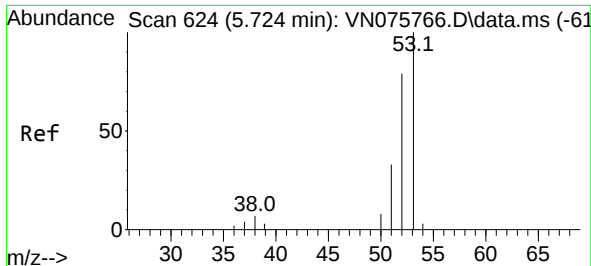
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#14
Allyl chloride
Concen: 21.112 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

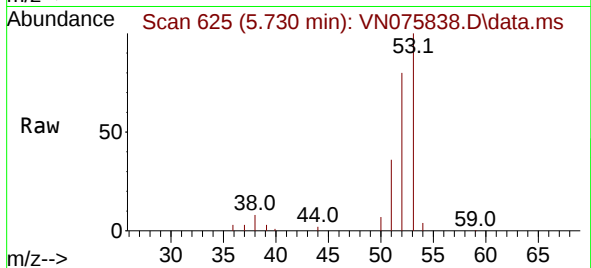
Tgt Ion: 41 Resp: 67698
Ion Ratio Lower Upper
41 100
39 72.4 58.3 87.5
76 43.4 35.8 53.6





#15
Acrylonitrile
Concen: 99.675 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

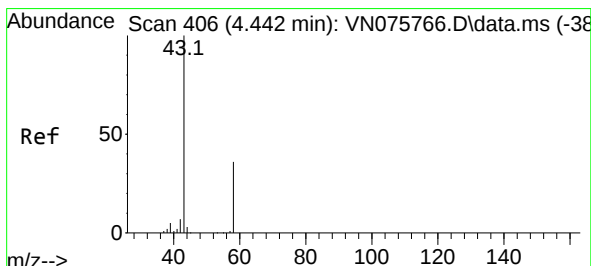
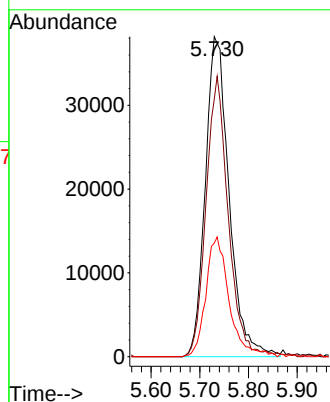
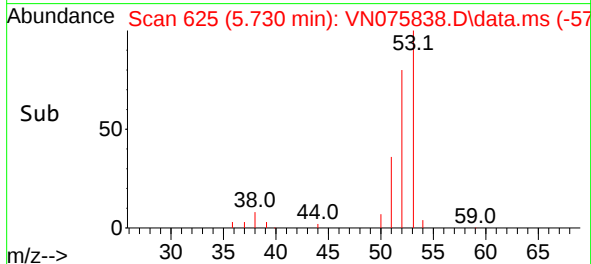
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



Tgt Ion: 53 Resp: 12959
Ion Ratio Lower Upper
53 100
52 81.6 65.4 98.0
51 36.6 28.9 43.3

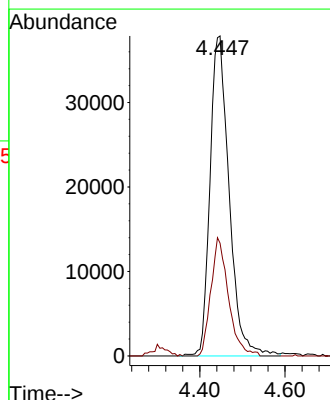
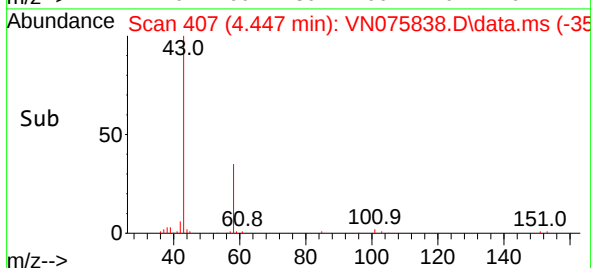
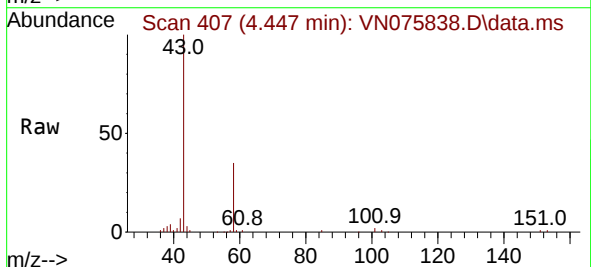
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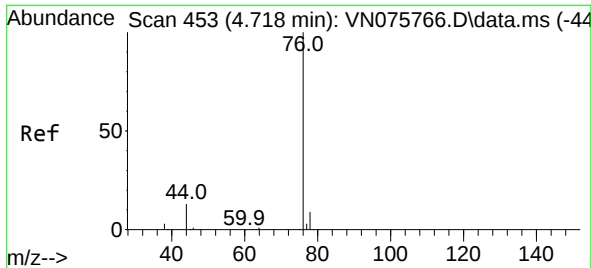
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#16
Acetone
Concen: 101.805 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion: 43 Resp: 118162
Ion Ratio Lower Upper
43 100
58 35.3 28.6 43.0





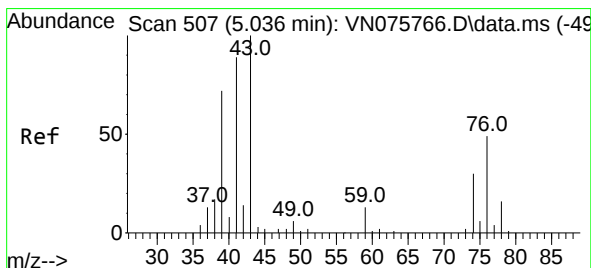
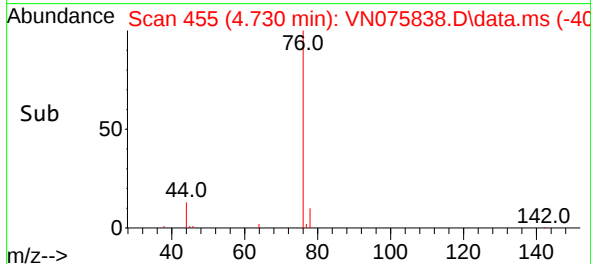
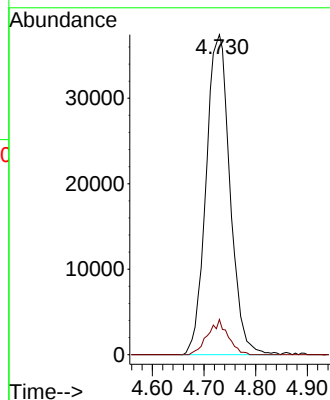
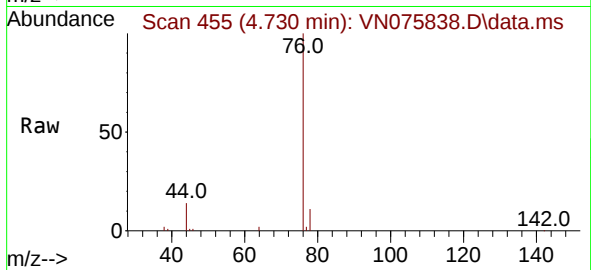
#17
Carbon Disulfide
Concen: 18.075 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 76 Resp: 12004
Ion Ratio Lower Upper
76 100
78 11.0 6.8 10.2

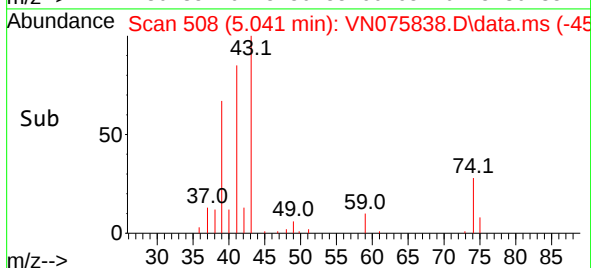
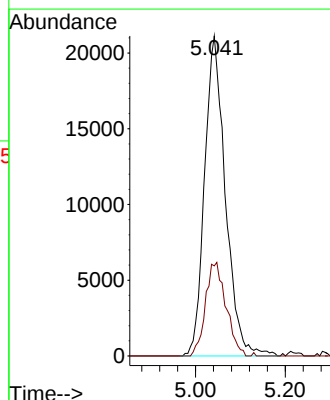
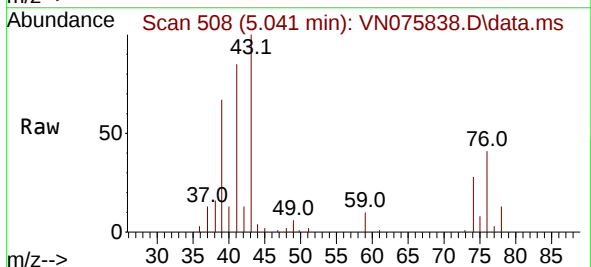
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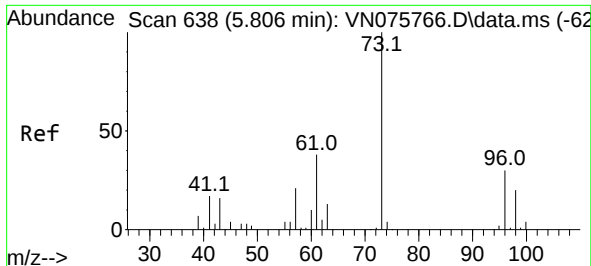
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#18
Methyl Acetate
Concen: 19.884 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion: 43 Resp: 68220
Ion Ratio Lower Upper
43 100
74 28.7 23.6 35.4





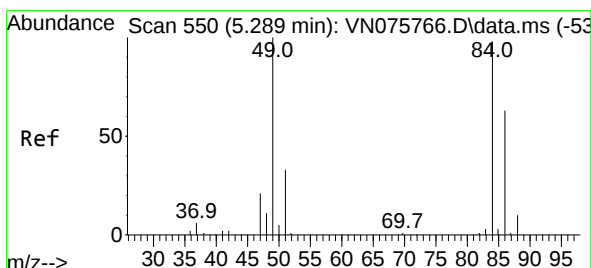
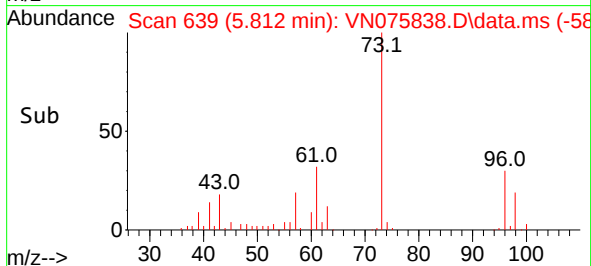
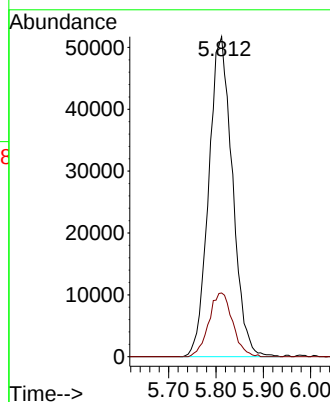
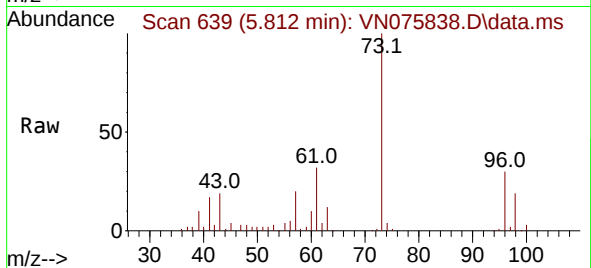
#19
Methyl tert-butyl Ether
Concen: 19.871 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 73 Resp: 179494
Ion Ratio Lower Upper
73 100
57 19.9 17.1 25.7

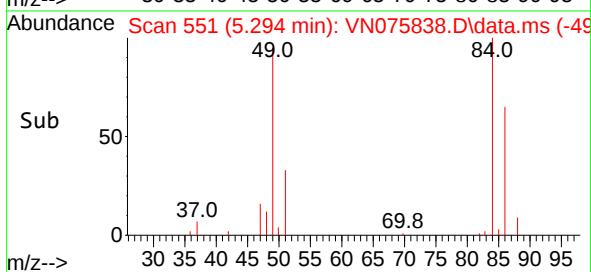
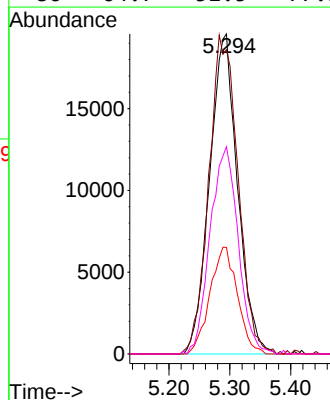
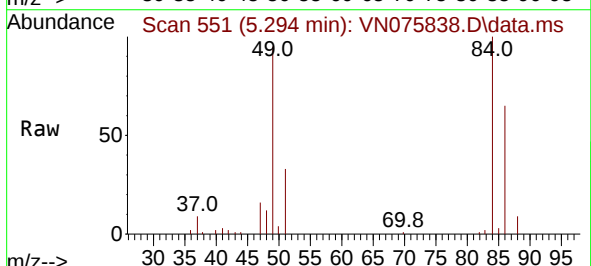
Manual Integrations
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Supervised By :Mahesh Dadoda 12/19/2022



#20
Methylene Chloride
Concen: 19.742 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion: 84 Resp: 62500
Ion Ratio Lower Upper
84 100
49 95.1 81.8 122.6
51 33.3 26.7 40.1
86 64.7 51.5 77.3





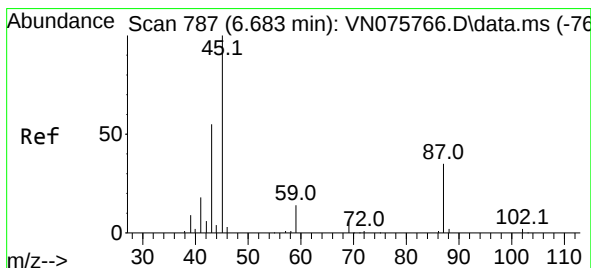
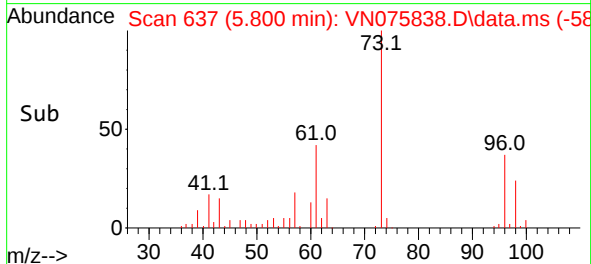
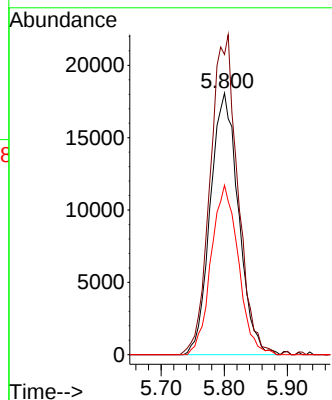
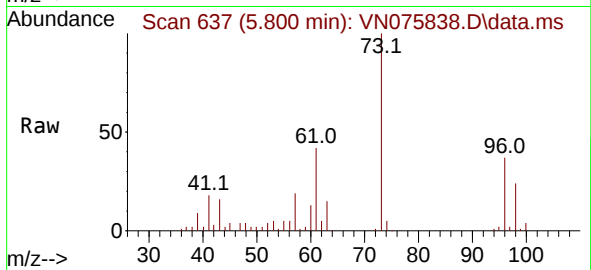
#21
trans-1,2-Dichloroethene
Concen: 18.657 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 96 Resp: 5604
Ion Ratio Lower Upper
96 100
61 114.7 98.1 147.1
98 64.8 51.4 77.2

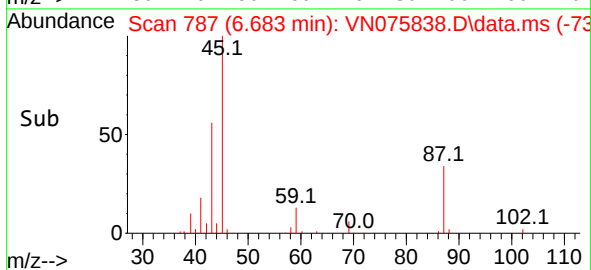
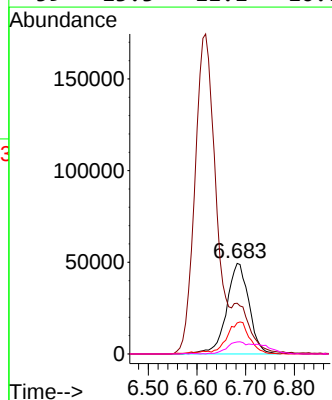
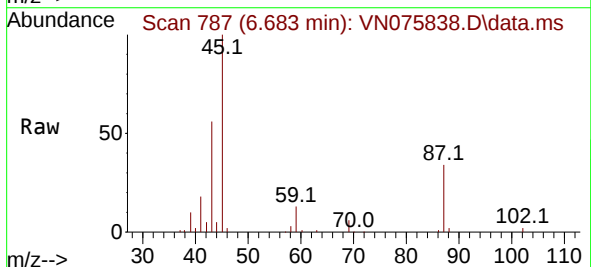
Manual Integrations
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Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#22
Diisopropyl ether
Concen: 20.229 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion: 45 Resp: 157571
Ion Ratio Lower Upper
45 100
43 54.1 44.2 66.4
87 34.2 28.3 42.5
59 13.3 11.1 16.7





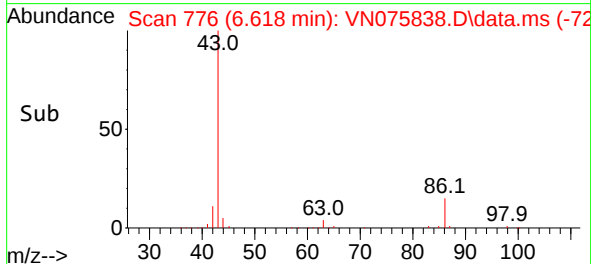
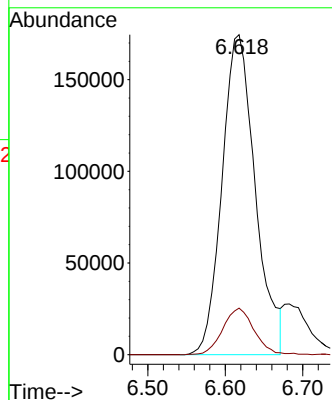
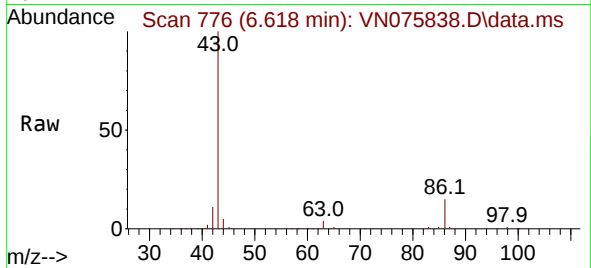
#23
 Vinyl Acetate
 Concen: 99.621 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075838.D
 Acq: 16 Dec 2022 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

Tgt Ion: 43 Resp: 52230
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.4 17.2

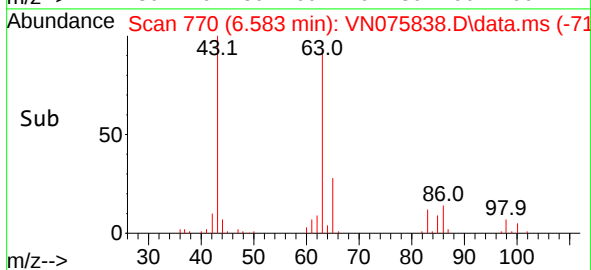
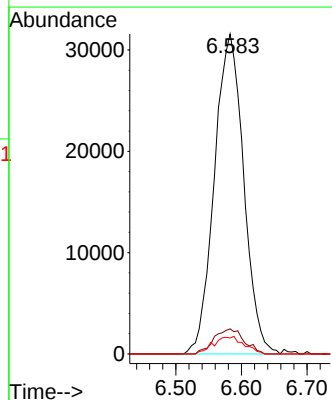
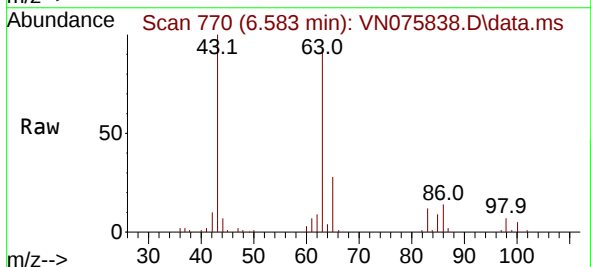
Manual Integrations
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 Supervised By :Mahesh Dadoda 12/19/2022



#24
 1,1-Dichloroethane
 Concen: 18.839 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075838.D
 Acq: 16 Dec 2022 11:16

Tgt Ion: 63 Resp: 97869
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 5.0 2.5 7.6





#25

2-Butanone

Concen: 103.302 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

Tgt Ion: 43 Resp: 16788

Ion Ratio Lower Upper

43 100

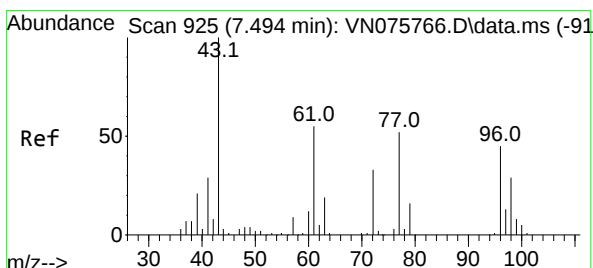
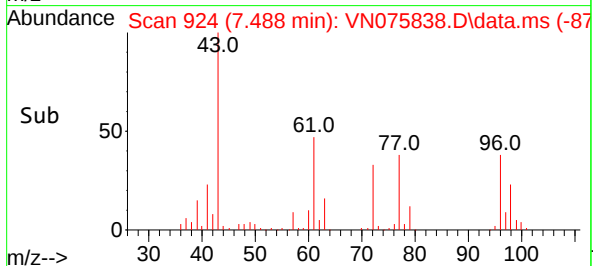
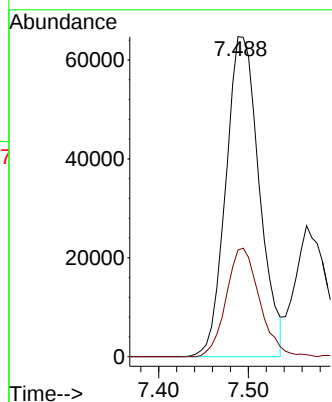
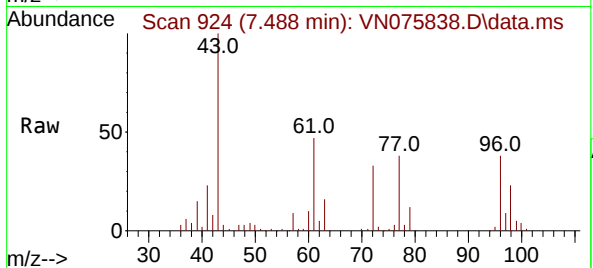
72 33.3 28.0 42.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.399 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075838.D

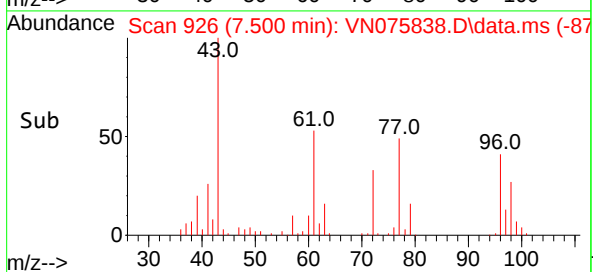
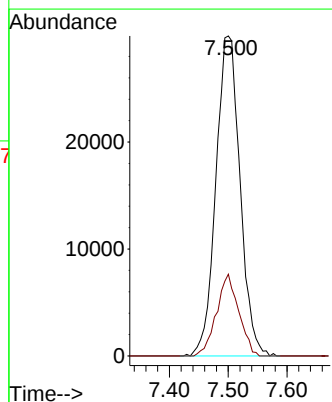
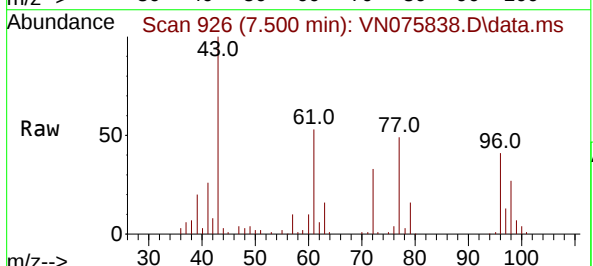
Acq: 16 Dec 2022 11:16

Tgt Ion: 77 Resp: 85345

Ion Ratio Lower Upper

77 100

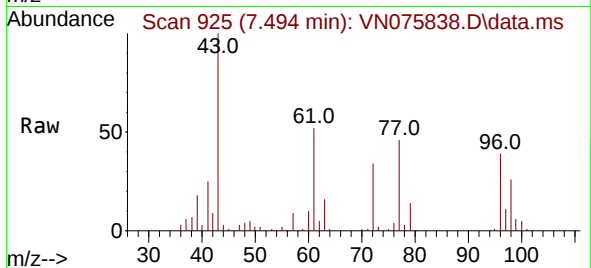
97 23.5 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 19.164 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075838.D
 Acq: 16 Dec 2022 11:16

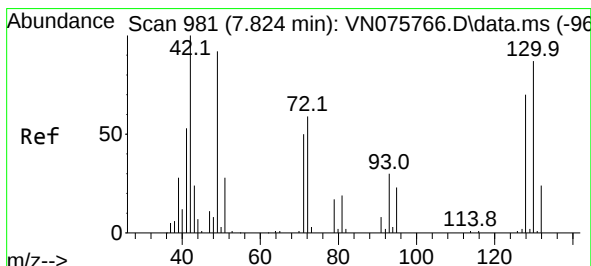
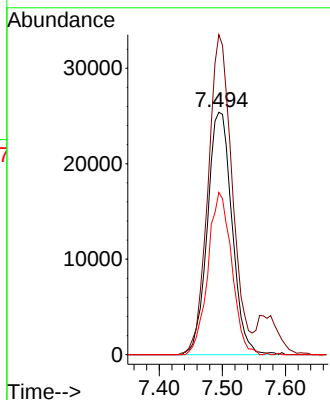
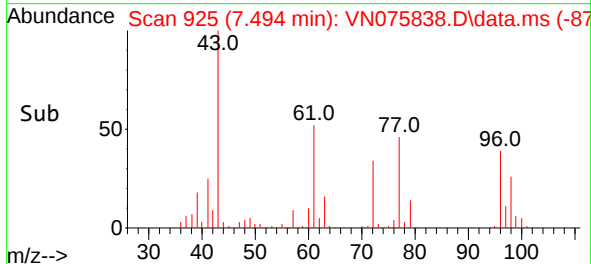
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01



Tgt Ion: 96 Resp: 6885
 Ion Ratio Lower Upper
 96 100
 61 128.9 0.0 247.8
 98 64.5 0.0 128.4

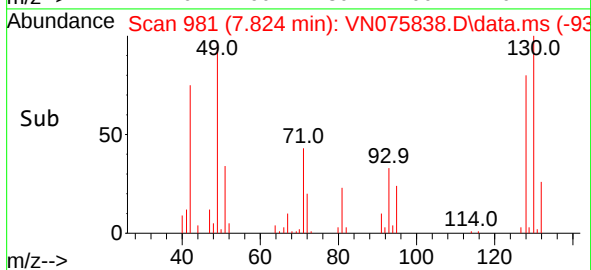
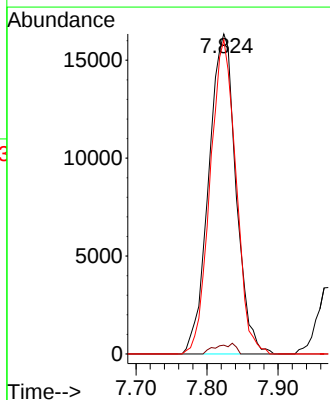
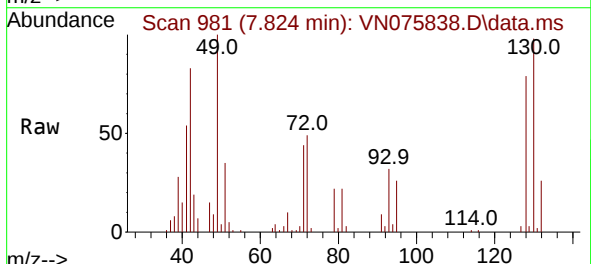
Manual Integrations
 APPROVED

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



#28
 Bromochloromethane
 Concen: 19.157 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN075838.D
 Acq: 16 Dec 2022 11:16

Tgt Ion: 49 Resp: 43619
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 92.6 77.0 115.4





#29

Tetrahydrofuran

Concen: 101.928 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

Tgt Ion: 42 Resp: 10380

Ion Ratio Lower Upper

42 100

72 55.3 44.5 66.7

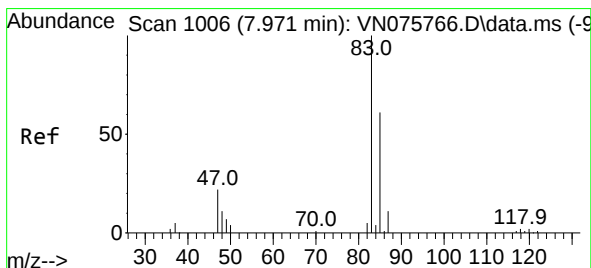
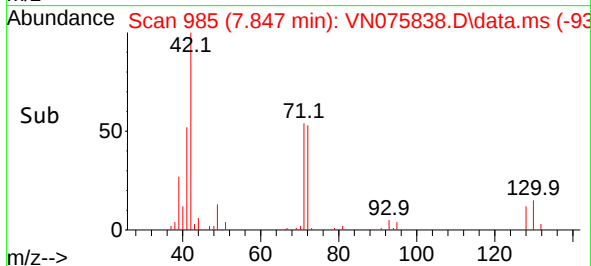
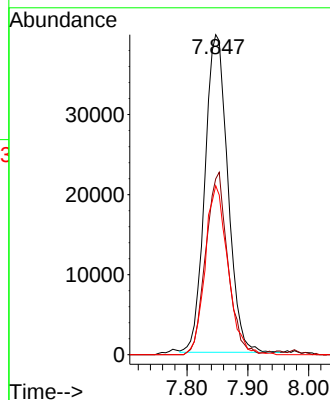
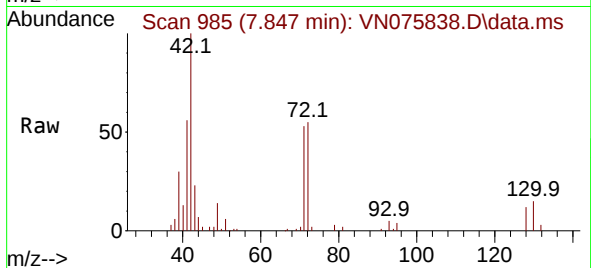
71 52.9 41.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#30

Chloroform

Concen: 19.399 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN075838.D

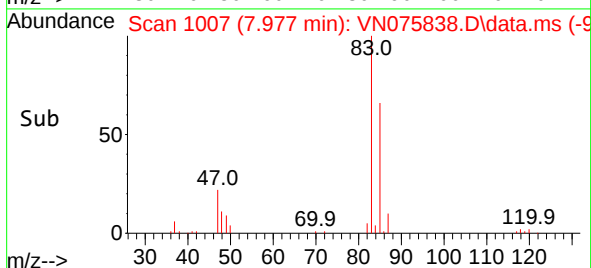
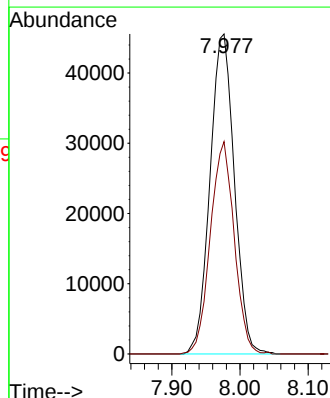
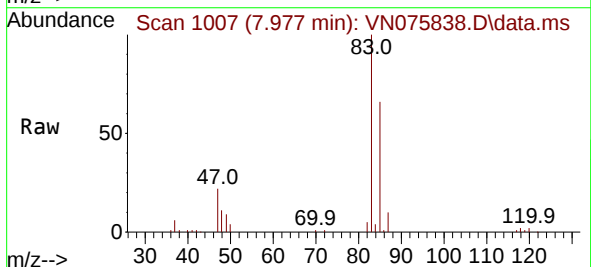
Acq: 16 Dec 2022 11:16

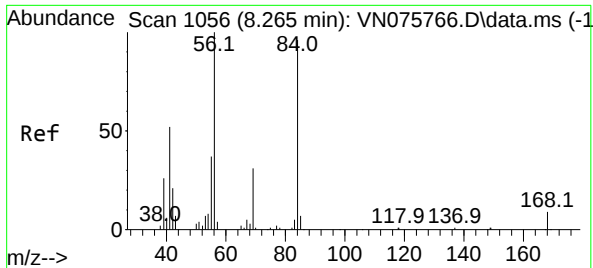
Tgt Ion: 83 Resp: 113468

Ion Ratio Lower Upper

83 100

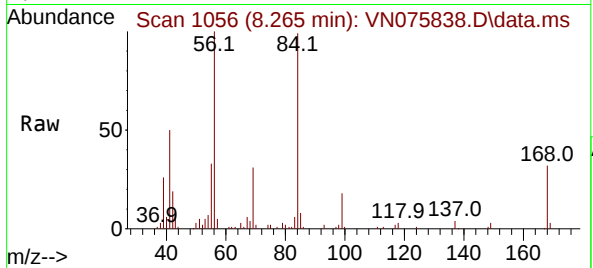
85 66.3 49.1 73.7





#31
Cyclohexane
Concen: 19.228 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

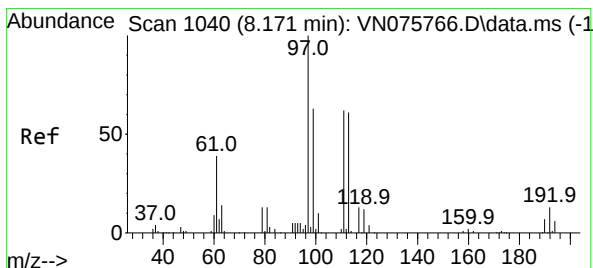
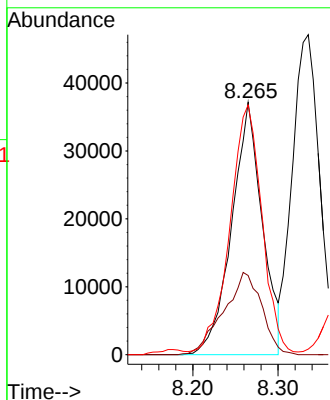
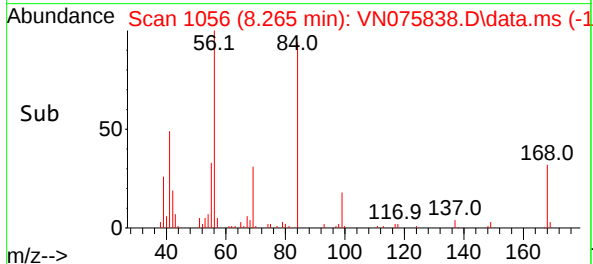
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



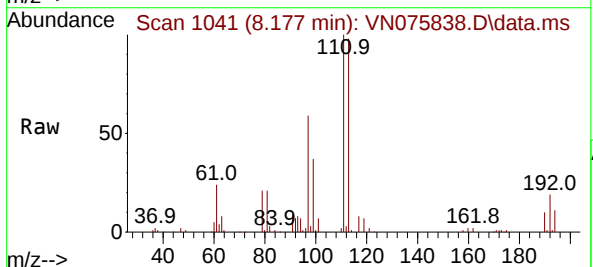
Tgt Ion: 56 Resp: 92718
Ion Ratio Lower Upper
56 100
69 31.4 24.7 37.1
84 97.1 76.5 114.7

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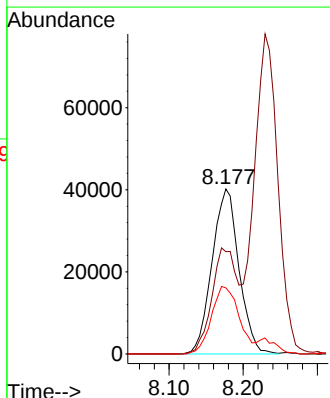
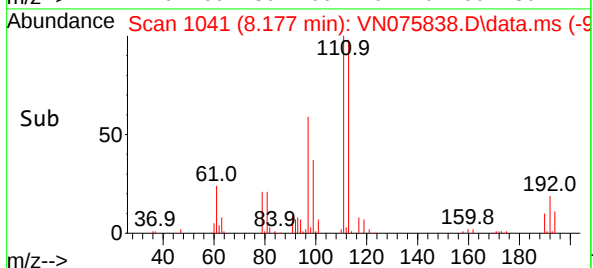
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#32
1,1,1-Trichloroethane
Concen: 19.533 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16



Tgt Ion: 97 Resp: 101290
Ion Ratio Lower Upper
97 100
99 58.9 50.2 75.2
61 42.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.007 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

Tgt Ion: 65 Resp: 175100

Ion Ratio Lower Upper

65 100

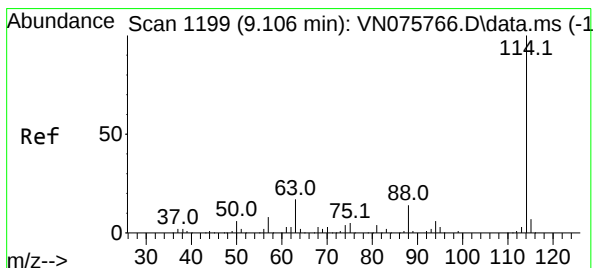
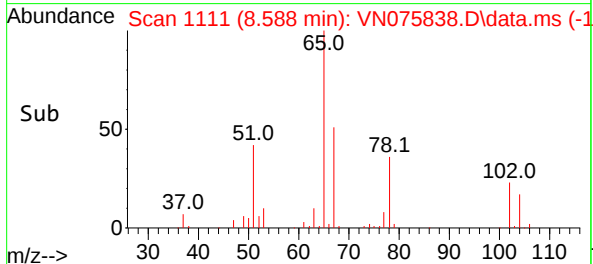
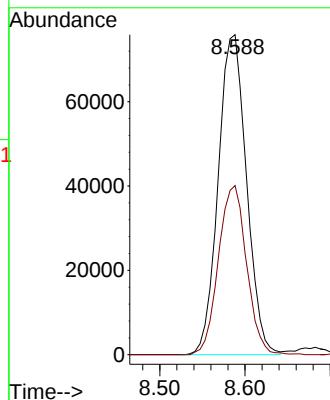
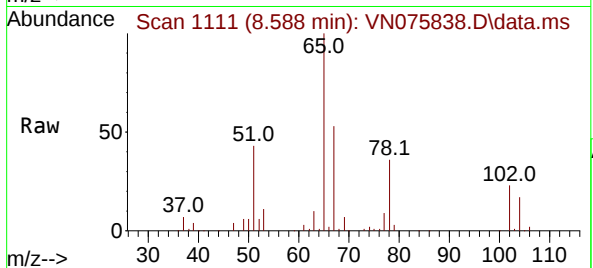
67 52.5 0.0 103.4

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: VN075838.D

Acq: 16 Dec 2022 11:16

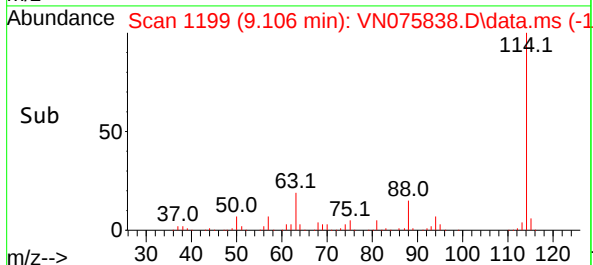
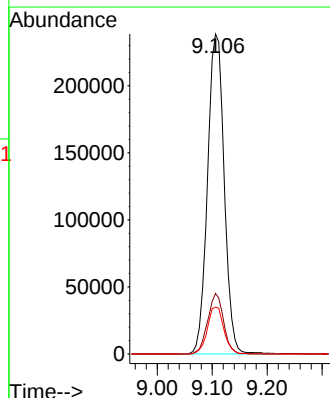
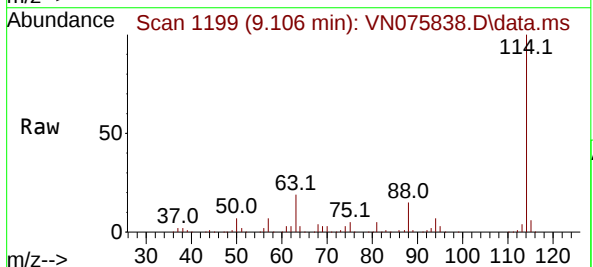
Tgt Ion:114 Resp: 503709

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.4

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.926 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

Tgt Ion:113 Resp: 15885

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

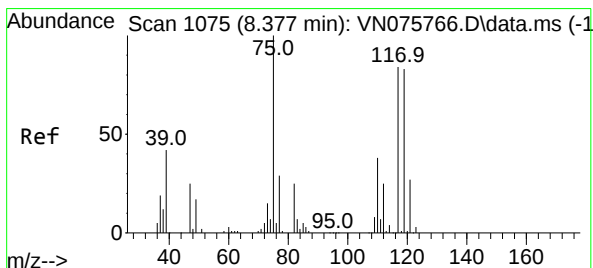
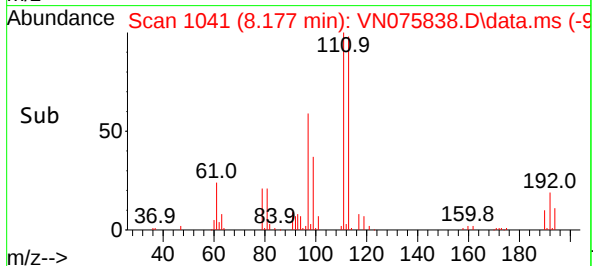
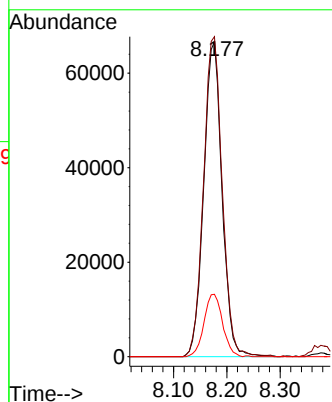
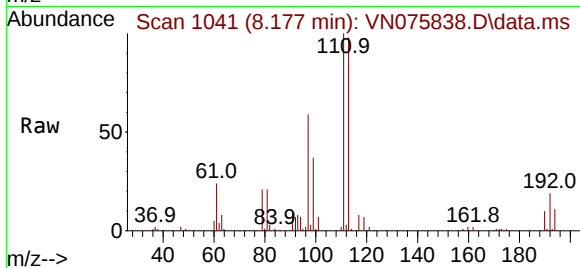
192 20.1 16.1 24.1

Manual Integrations

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Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#36

1,1-Dichloropropene

Concen: 18.954 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

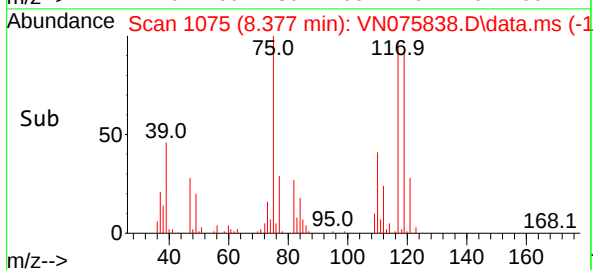
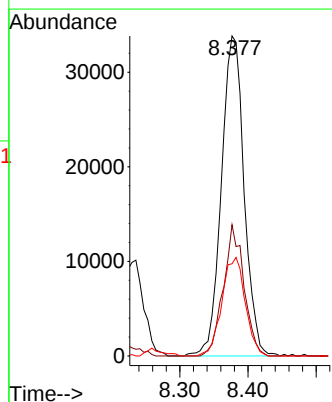
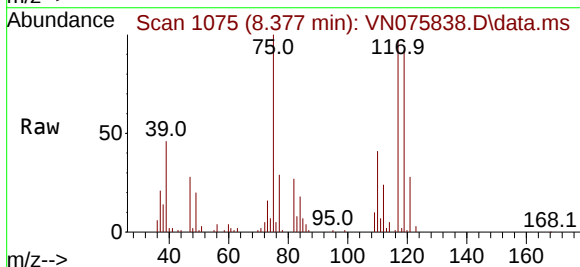
Tgt Ion: 75 Resp: 78543

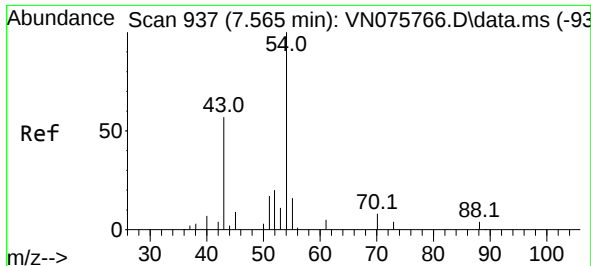
Ion Ratio Lower Upper

75 100

110 37.2 18.8 56.4

77 31.7 24.1 36.1





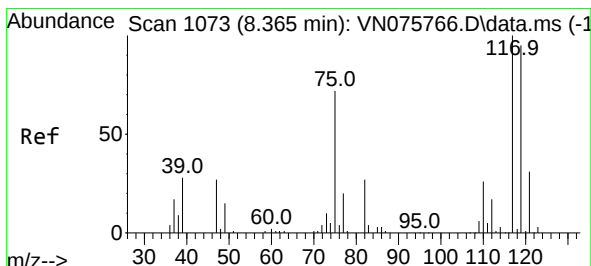
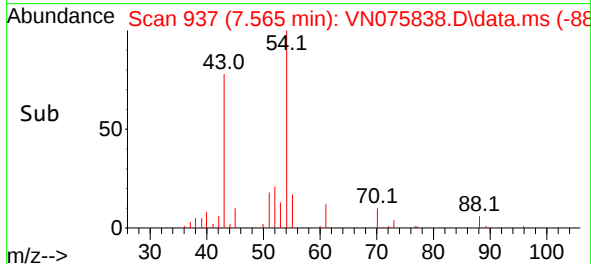
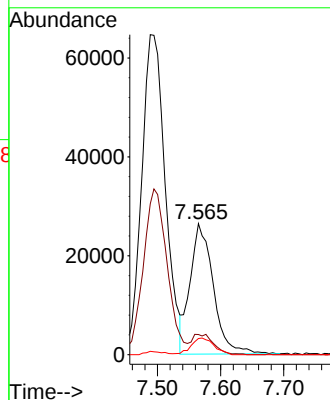
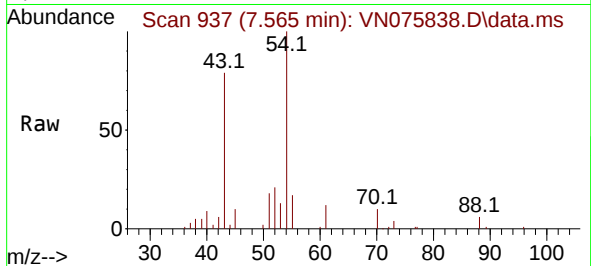
#37
Ethyl Acetate
Concen: 20.298 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 43 Resp: 6756
Ion Ratio Lower Upper
43 100
61 14.7 13.0 19.4
70 12.6 9.4 14.0

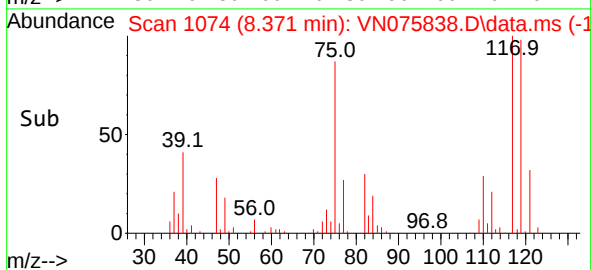
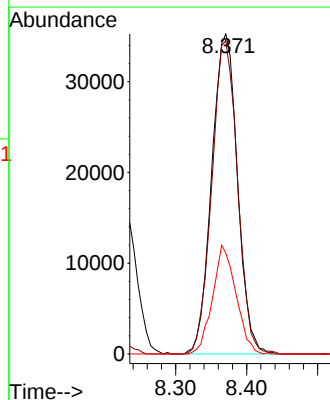
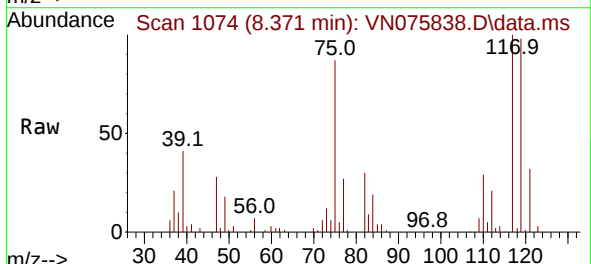
Manual Integrations
APPROVED

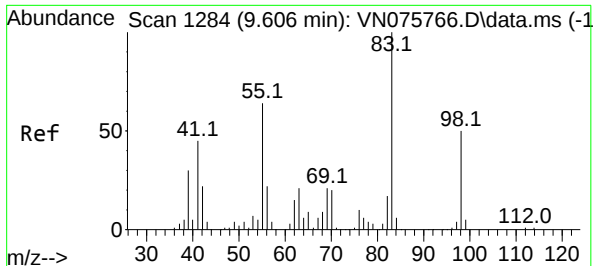
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#38
Carbon Tetrachloride
Concen: 19.115 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion:117 Resp: 88654
Ion Ratio Lower Upper
117 100
119 98.0 76.1 114.1
121 31.6 24.5 36.7





#39

Methylcyclohexane

Concen: 19.631 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

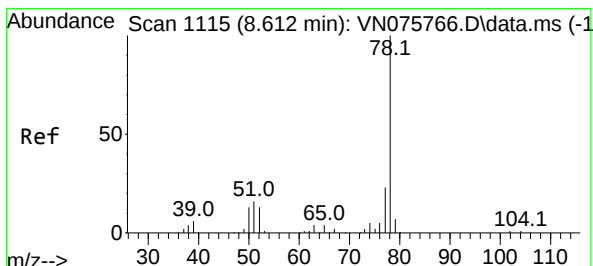
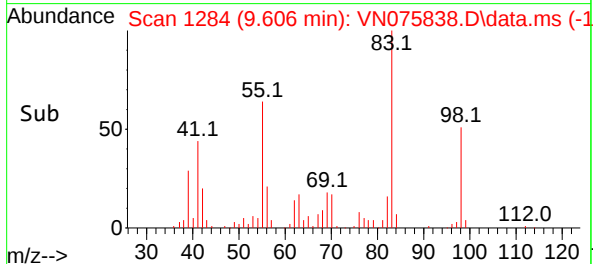
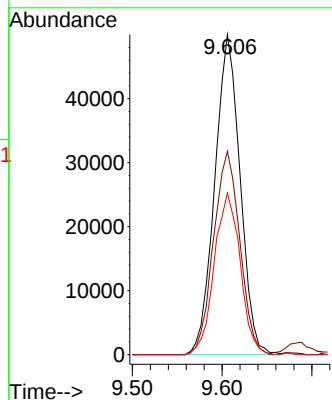
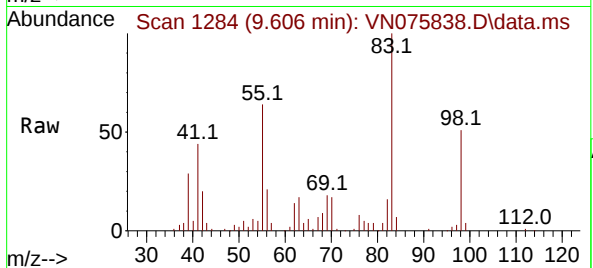
Tgt Ion: 83	Resp: 9814
Ion Ratio	Lower Upper
83	100
55	63.6 51.4 77.0
98	50.6 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#40

Benzene

Concen: 18.731 ug/l

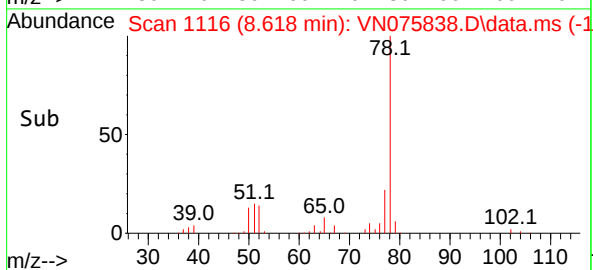
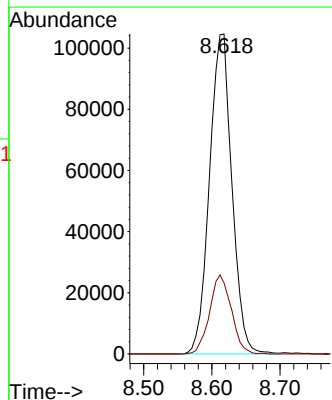
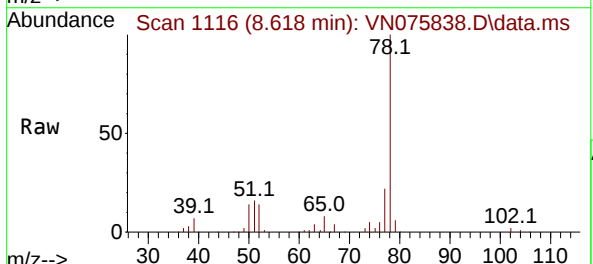
RT: 8.618 min Scan# 1116

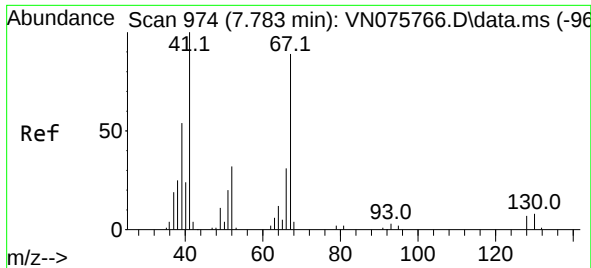
Delta R.T. 0.006 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

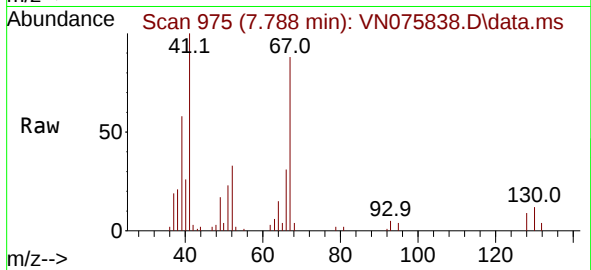
Tgt Ion: 78	Resp: 239472
Ion Ratio	Lower Upper
78	100
77	22.2 18.5 27.7





#41
Methacrylonitrile
Concen: 19.259 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

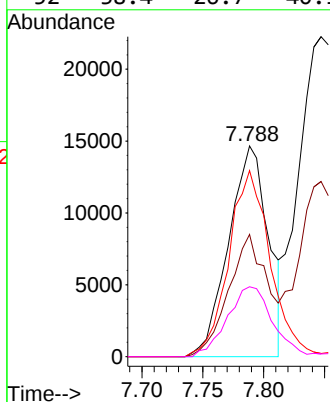
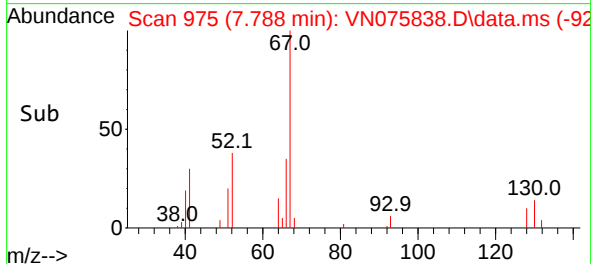
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



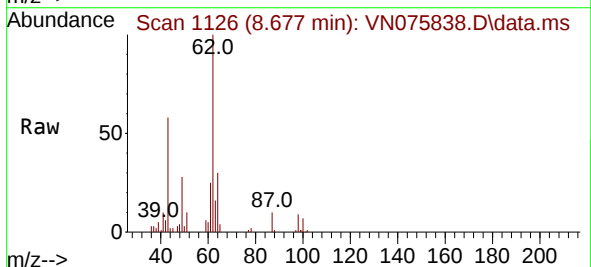
Tgt Ion: 41 Resp: 3332
Ion Ratio Lower Upper
41 100
39 56.7 43.1 64.7
67 92.4 70.7 106.1
52 38.4 26.7 40.1

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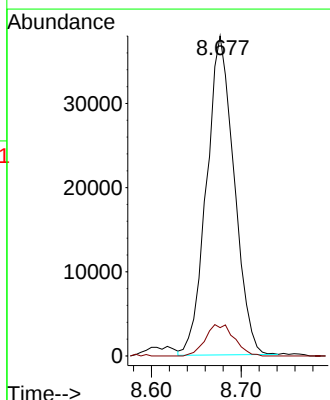
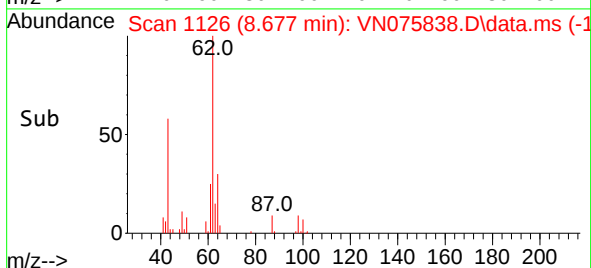
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

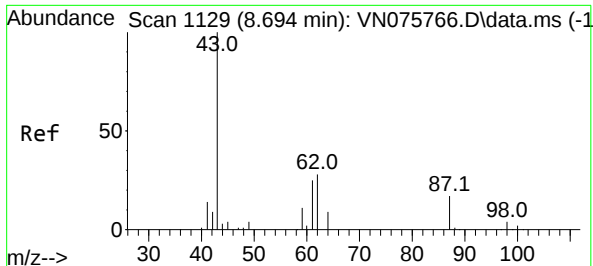


#42
1,2-Dichloroethane
Concen: 19.023 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16



Tgt Ion: 62 Resp: 80856
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.8





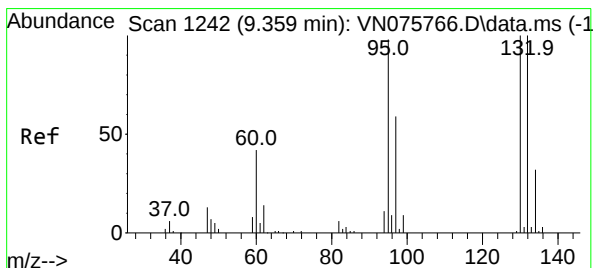
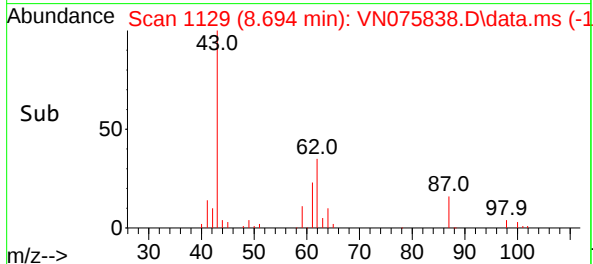
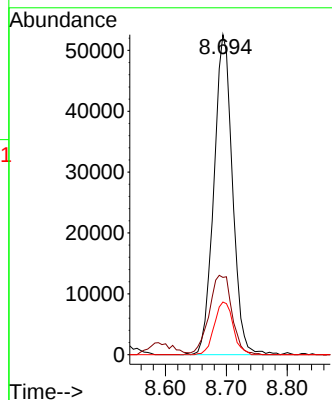
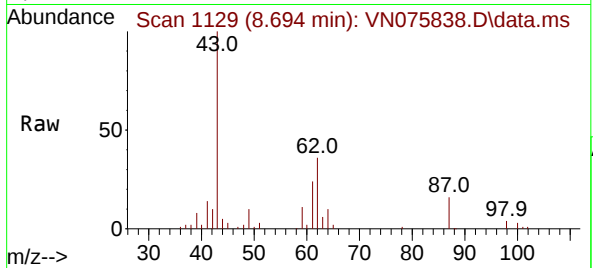
#43
Isopropyl Acetate
Concen: 20.339 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 43 Resp: 11167
Ion Ratio Lower Upper
43 100
61 30.3 24.2 36.4
87 16.6 13.3 19.9

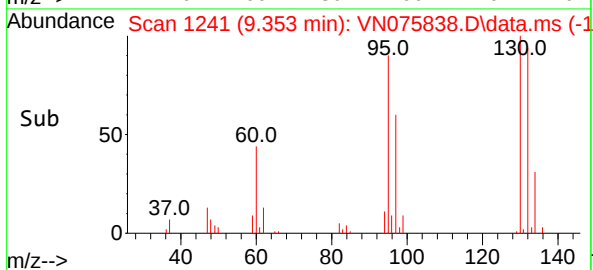
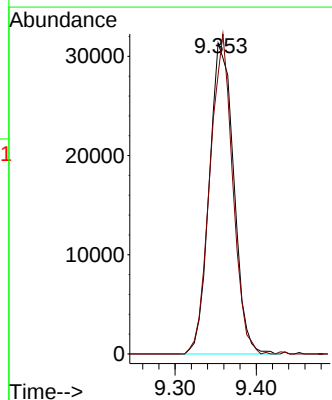
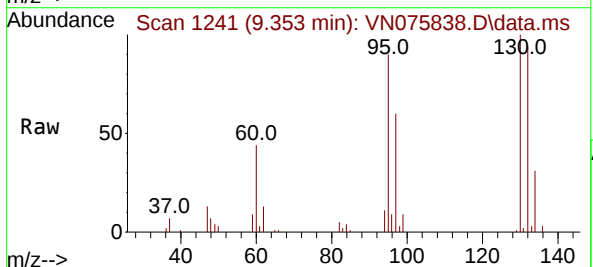
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 18.175 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion:130 Resp: 65463
Ion Ratio Lower Upper
130 100
95 89.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.990 ug/l

RT: 9.629 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

Tgt Ion: 63 Resp: 5908

Ion Ratio Lower Upper

63 100

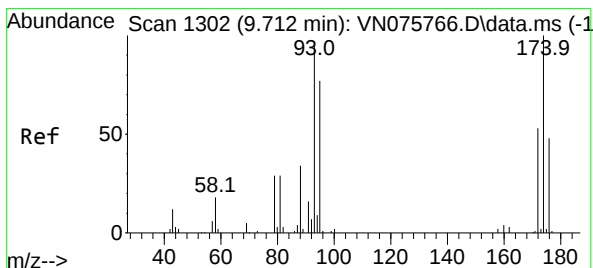
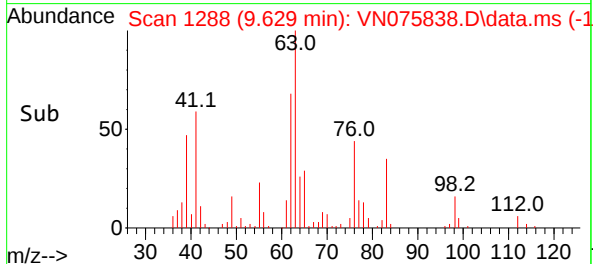
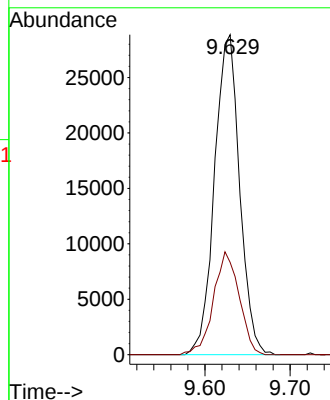
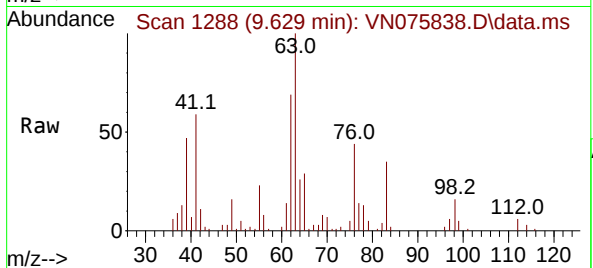
65 28.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#46

Dibromomethane

Concen: 19.136 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

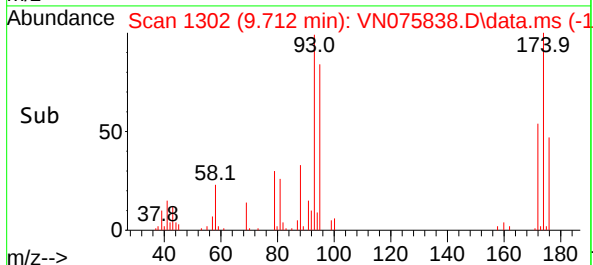
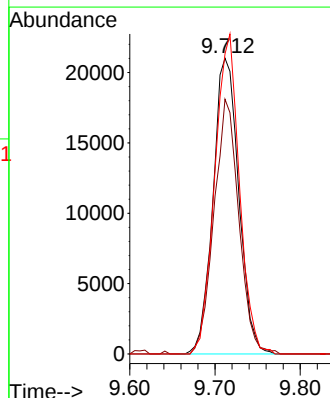
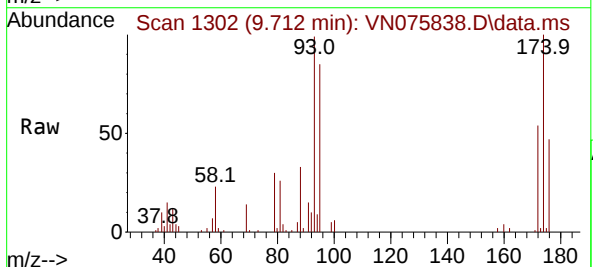
Tgt Ion: 93 Resp: 44157

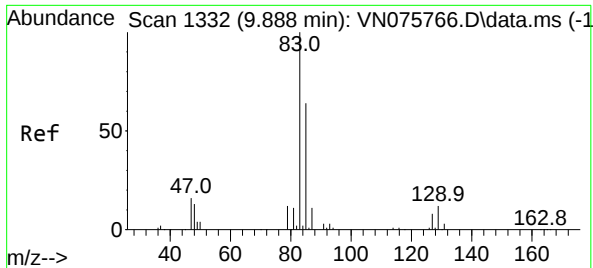
Ion Ratio Lower Upper

93 100

95 83.1 65.2 97.8

174 103.5 82.4 123.6





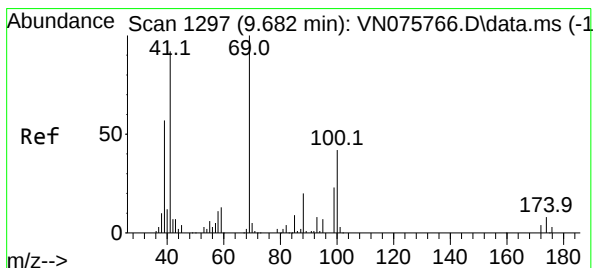
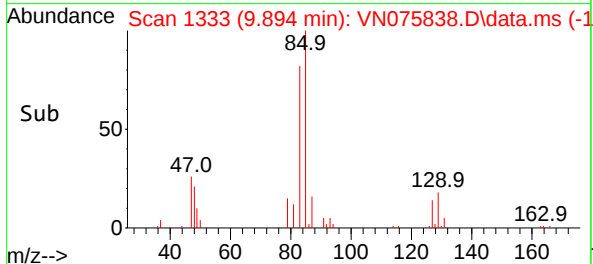
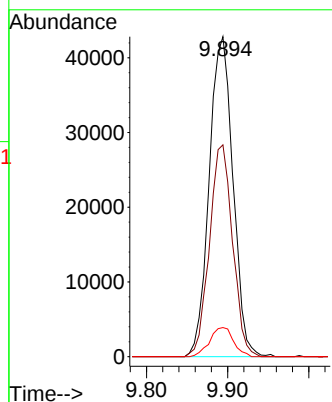
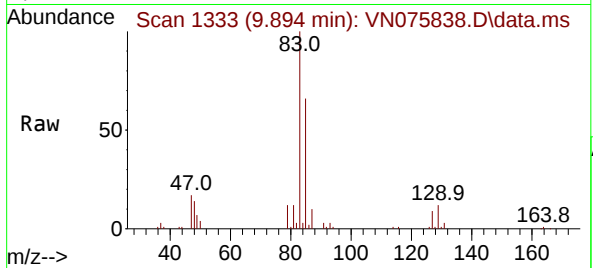
#47
Bromodichloromethane
Concen: 19.254 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 83 Resp: 87128
Ion Ratio Lower Upper
83 100
85 66.2 51.5 77.3
127 9.1 6.6 10.0

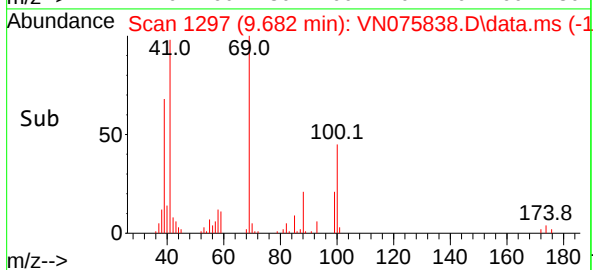
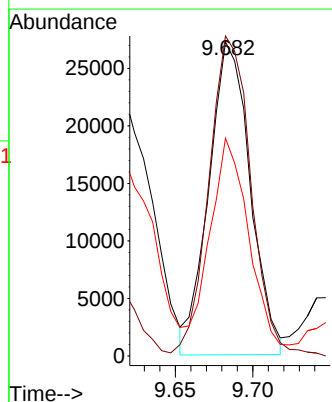
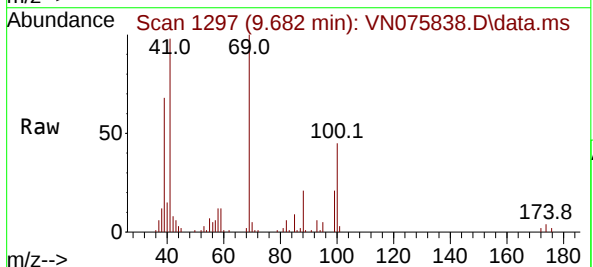
Manual Integrations
APPROVED

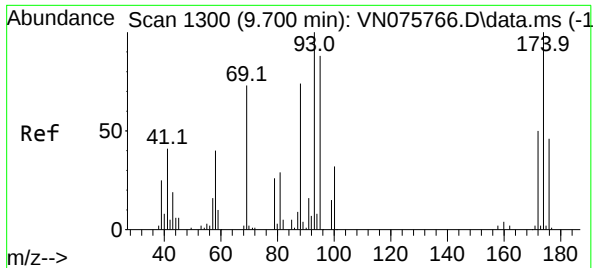
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#48
Methyl methacrylate
Concen: 20.385 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

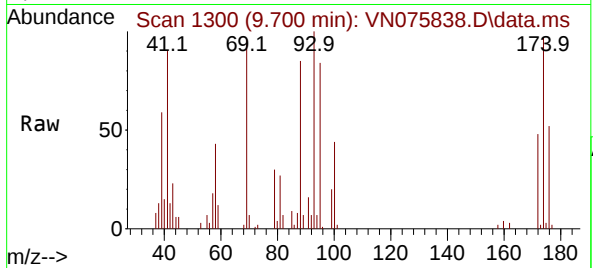
Tgt Ion: 41 Resp: 50411
Ion Ratio Lower Upper
41 100
69 104.1 81.9 122.9
39 68.0 51.6 77.4





#49
1,4-Dioxane
Concen: 403.914 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

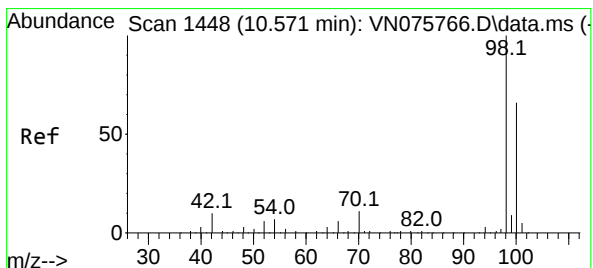
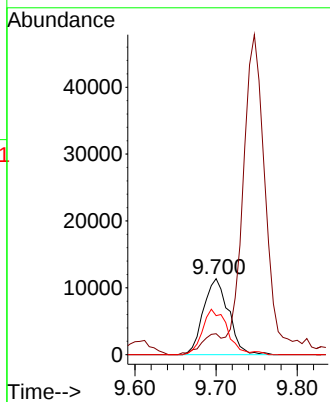
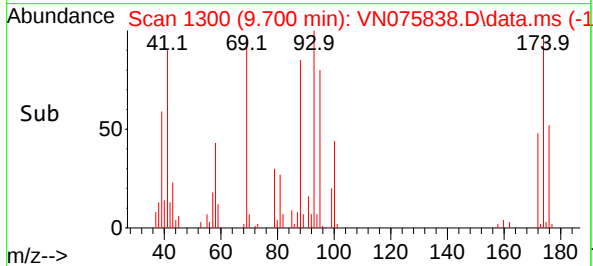
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



Tgt Ion: 88 Resp: 2455
Ion Ratio Lower Upper
88 100
43 21.6 17.1 25.7
58 59.8 47.8 71.8

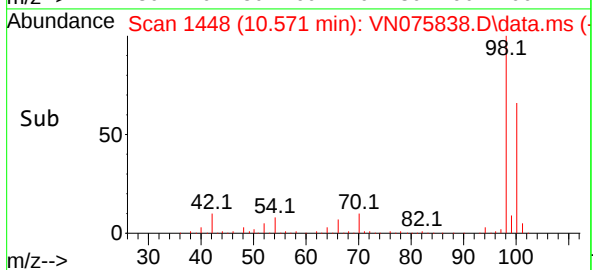
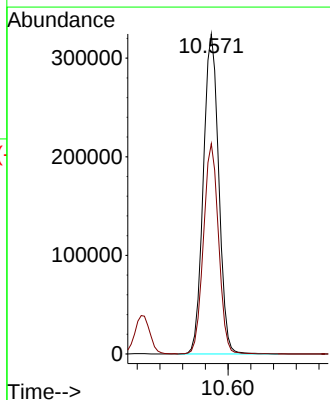
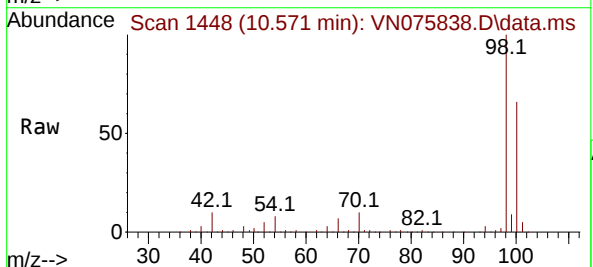
Manual Integrations
APPROVED

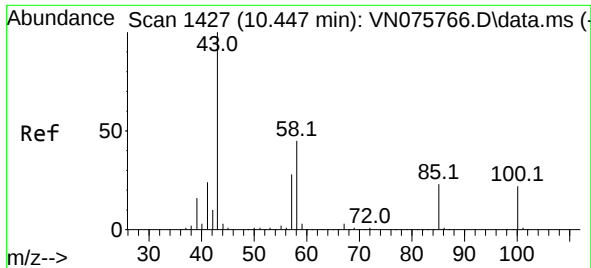
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#50
Toluene-d8
Concen: 52.141 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion: 98 Resp: 608127
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1





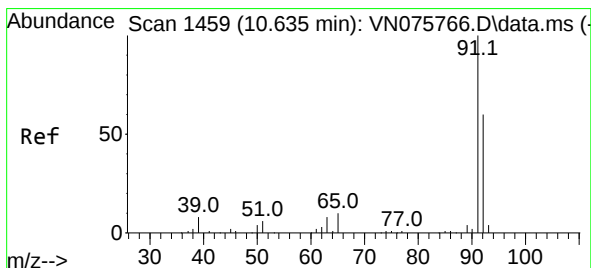
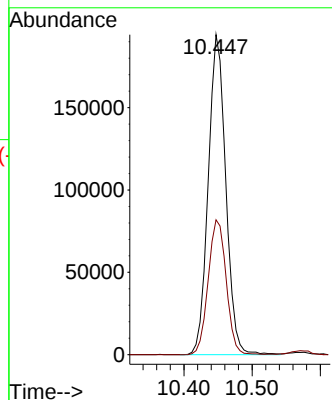
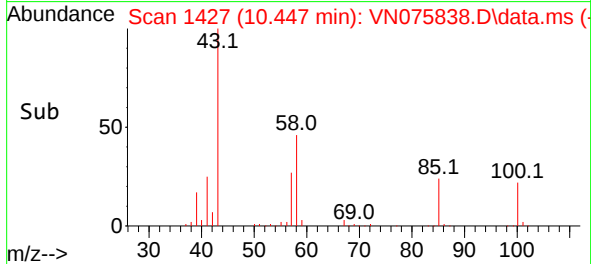
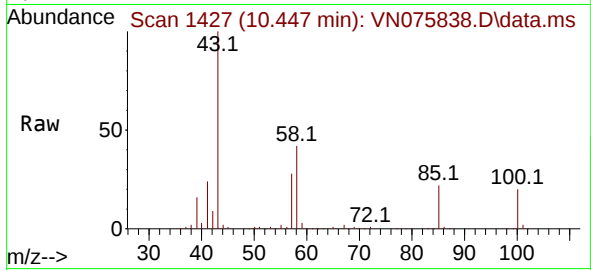
#51
4-Methyl-2-Pentanone
Concen: 104.878 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 43 Resp: 34824
Ion Ratio Lower Upper
43 100
58 43.3 35.5 53.3

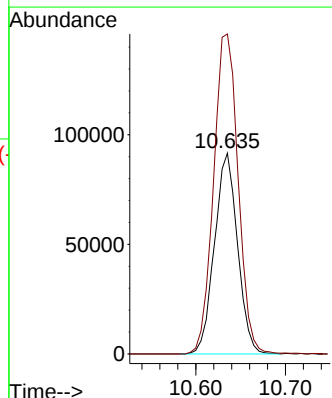
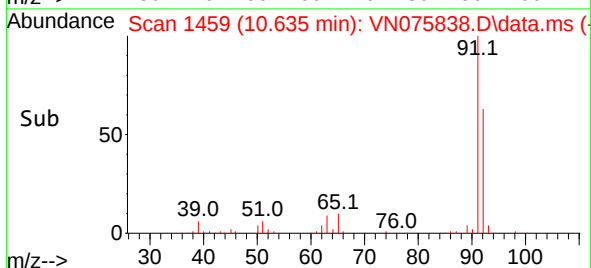
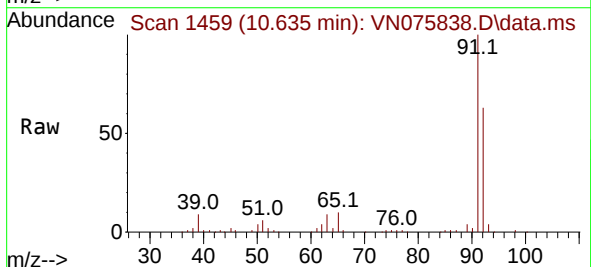
Manual Integrations
APPROVED

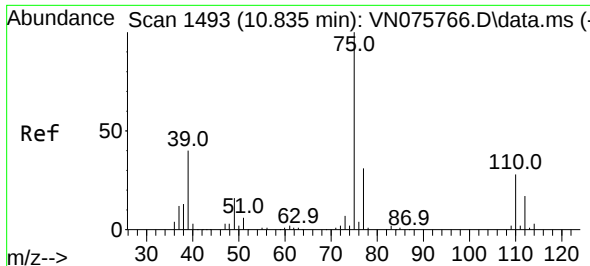
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#52
Toluene
Concen: 19.606 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion: 92 Resp: 163255
Ion Ratio Lower Upper
92 100
91 169.8 137.3 205.9





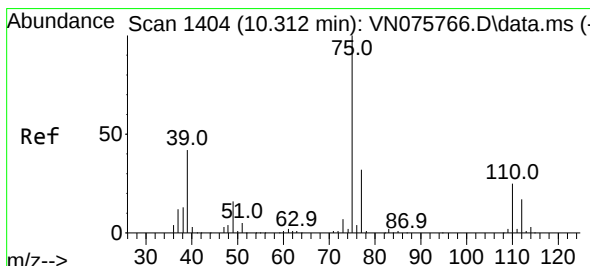
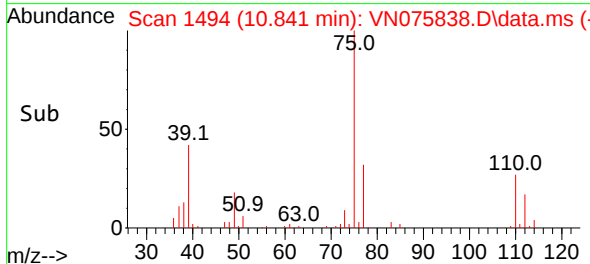
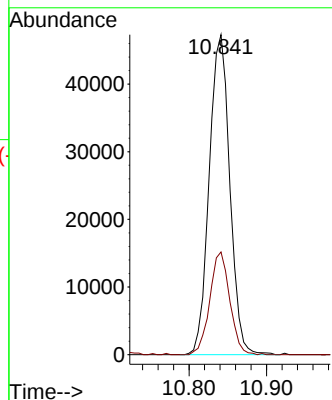
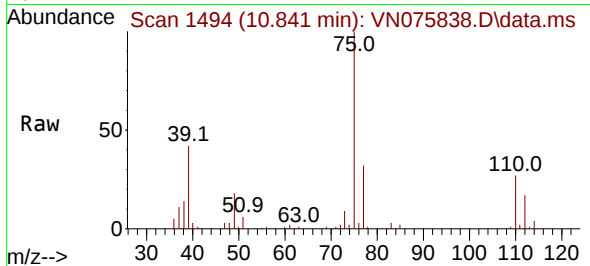
#53
t-1,3-Dichloropropene
Concen: 19.708 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 75 Resp: 87299
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3

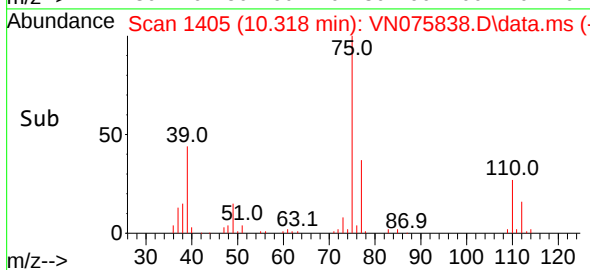
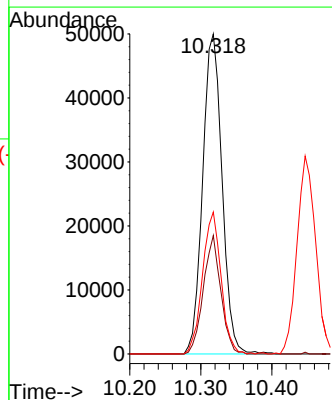
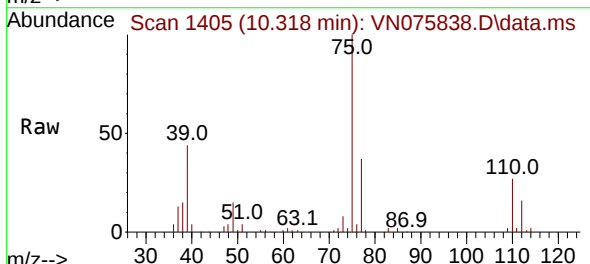
Manual Integrations
APPROVED

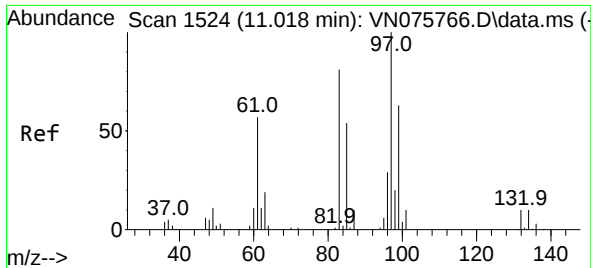
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#54
cis-1,3-Dichloropropene
Concen: 19.555 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion: 75 Resp: 95107
Ion Ratio Lower Upper
75 100
77 37.0 25.8 38.8
39 44.4 33.4 50.2





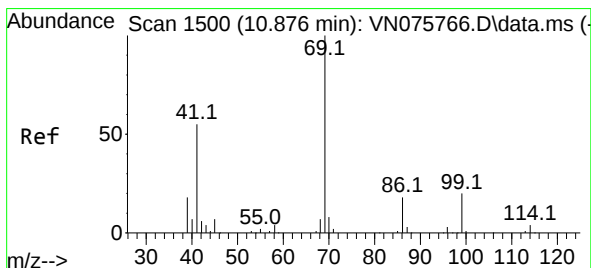
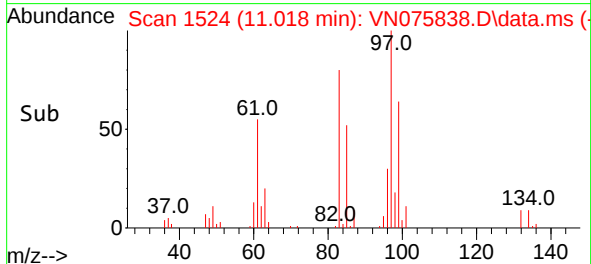
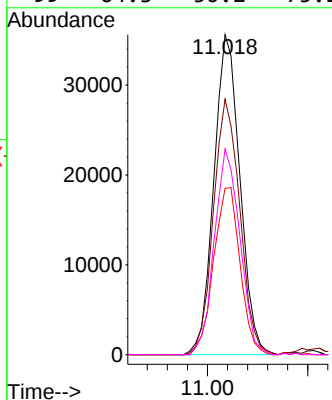
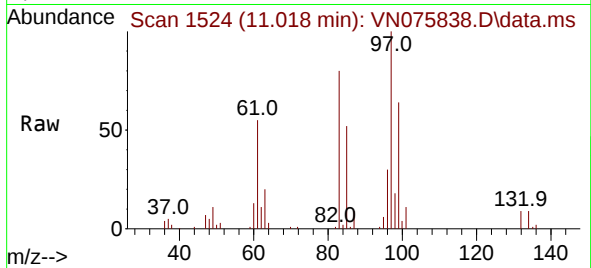
#55
1,1,2-Trichloroethane
Concen: 19.643 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion:	97	Resp:	64198
Ion	Ratio	Lower	Upper
97	100		
83	79.8	65.0	97.4
85	52.0	43.0	64.6
99	64.3	50.2	75.2

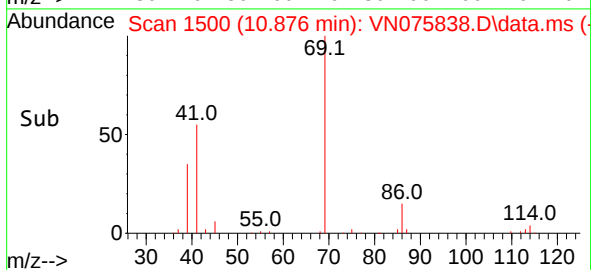
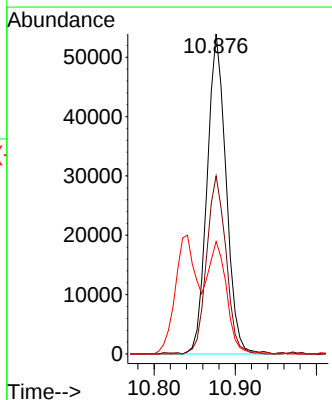
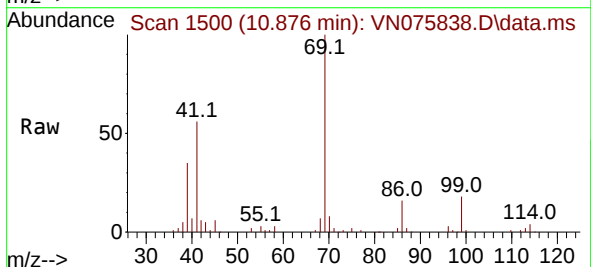
Manual Integrations
APPROVED

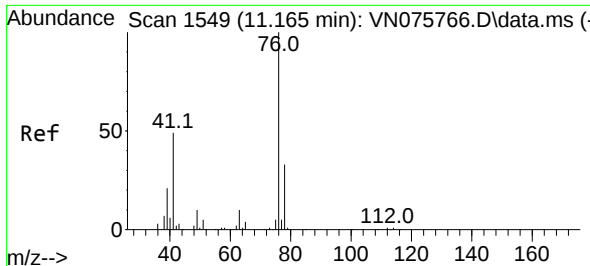
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#56
Ethyl methacrylate
Concen: 20.203 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

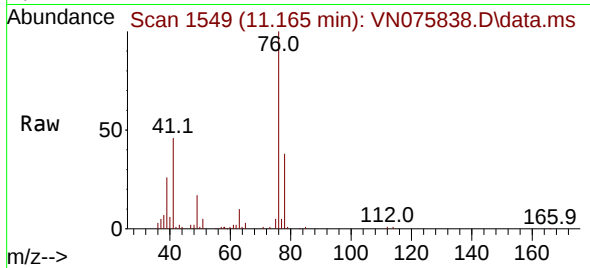
Tgt Ion:	69	Resp:	87705
Ion	Ratio	Lower	Upper
69	100		
41	56.7	44.2	66.4
39	35.1	26.4	39.6





#57
1,3-Dichloropropane
Concen: 19.055 ug/l
RT: 11.165 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

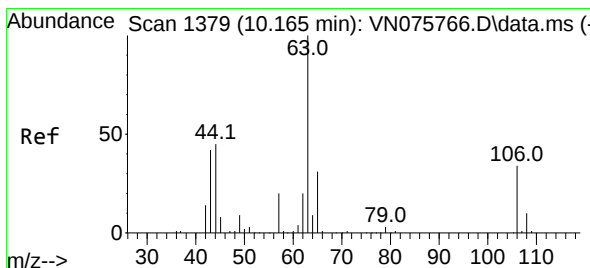
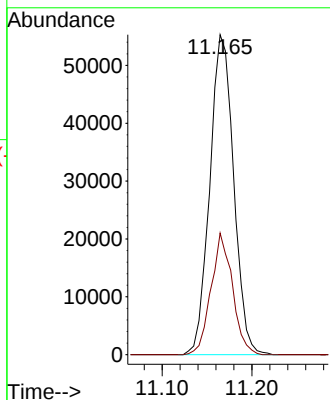
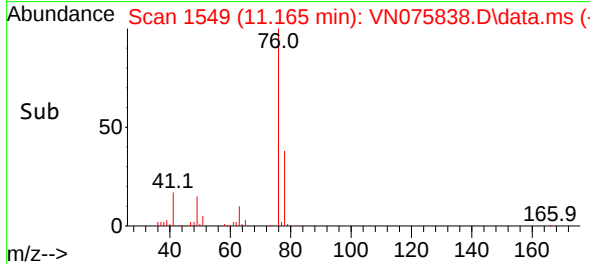
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



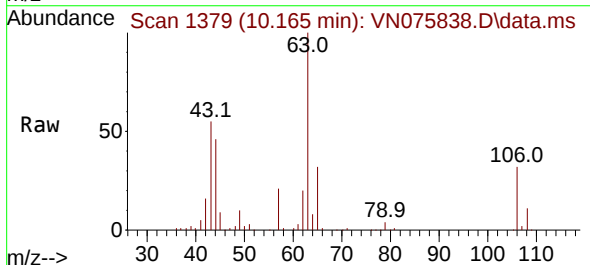
Tgt Ion: 76 Resp: 102152
Ion Ratio Lower Upper
76 100
78 34.1 26.2 39.2

Manual Integrations
APPROVED

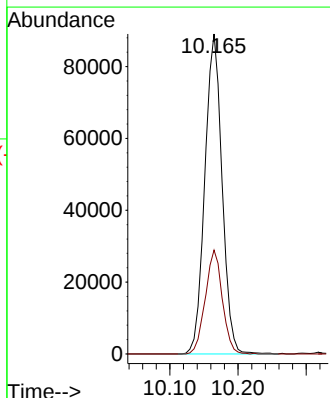
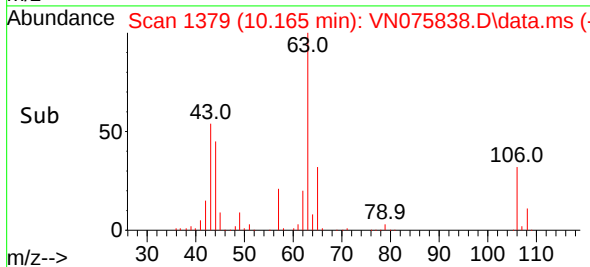
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

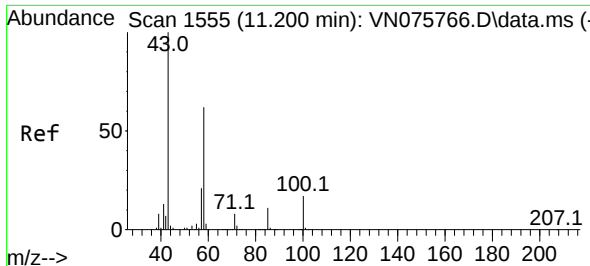


#58
2-Chloroethyl Vinyl ether
Concen: 113.259 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16



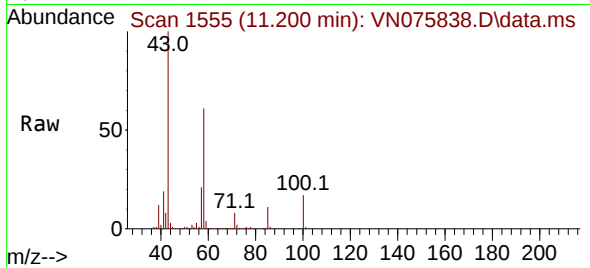
Tgt Ion: 63 Resp: 156538
Ion Ratio Lower Upper
63 100
106 32.1 26.4 39.6





#59
2-Hexanone
Concen: 104.574 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

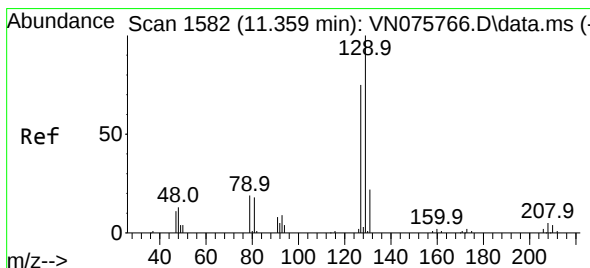
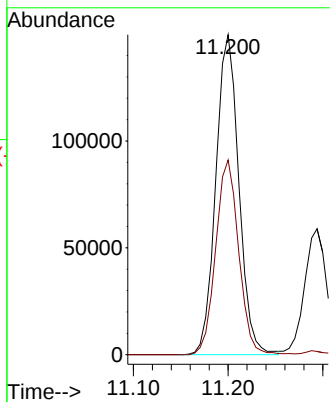
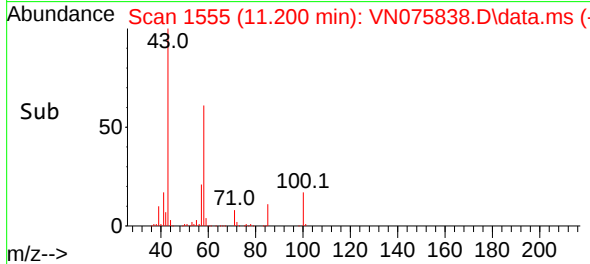
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



Tgt Ion: 43 Resp: 253228
Ion Ratio Lower Upper
43 100
58 60.7 30.6 92.0

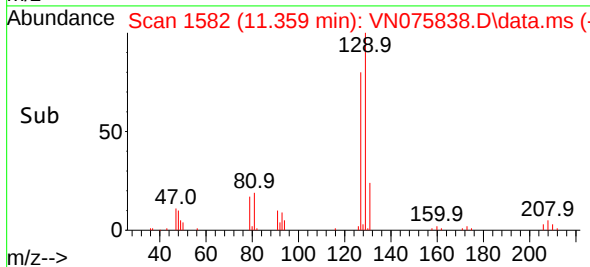
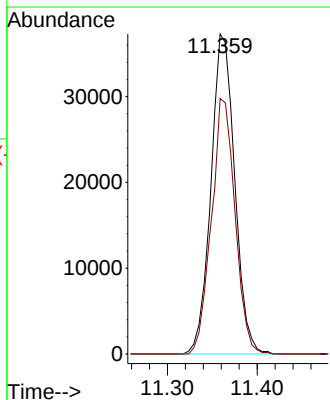
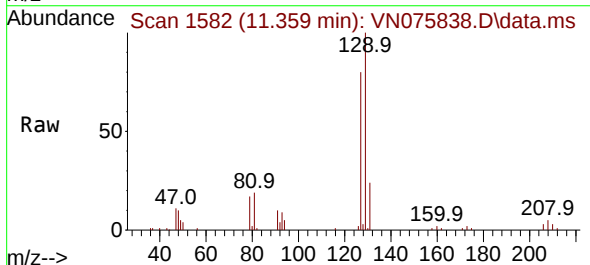
Manual Integrations
APPROVED

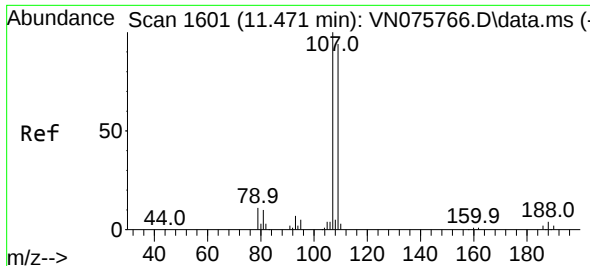
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#60
Dibromochloromethane
Concen: 18.864 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion:129 Resp: 68564
Ion Ratio Lower Upper
129 100
127 79.1 38.3 114.9





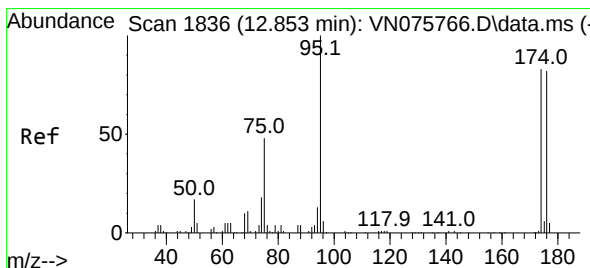
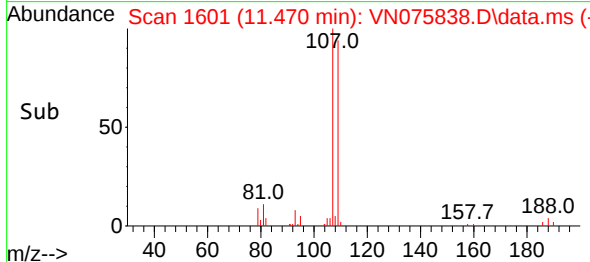
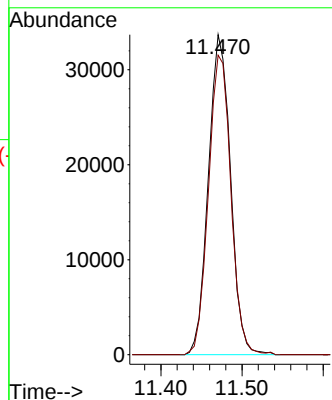
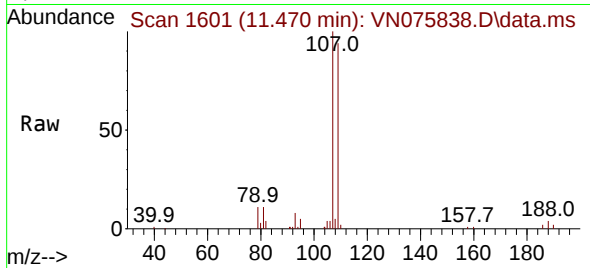
#61
1,2-Dibromoethane
Concen: 19.277 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion:107 Resp: 63750
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2

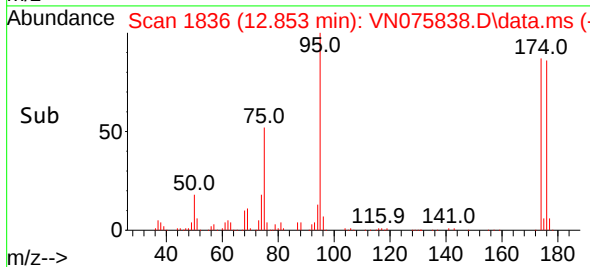
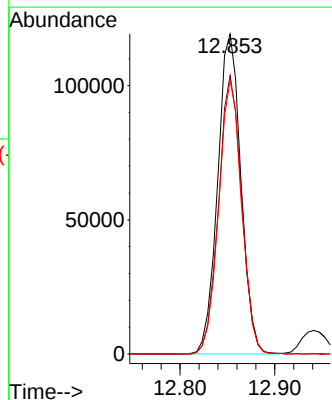
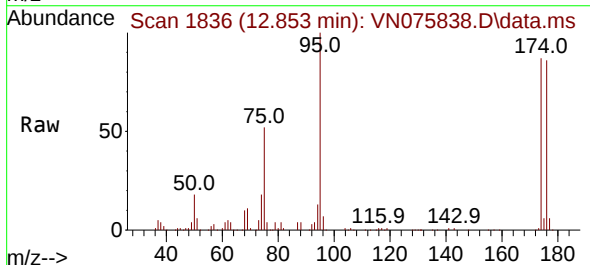
Manual Integrations
APPROVED

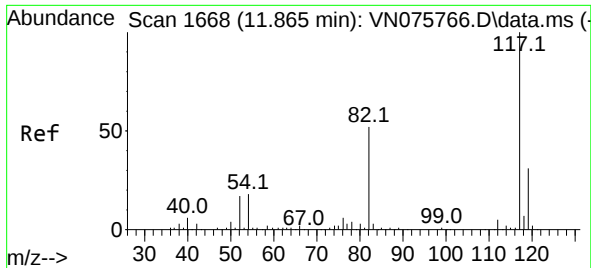
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#62
4-Bromofluorobenzene
Concen: 52.502 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

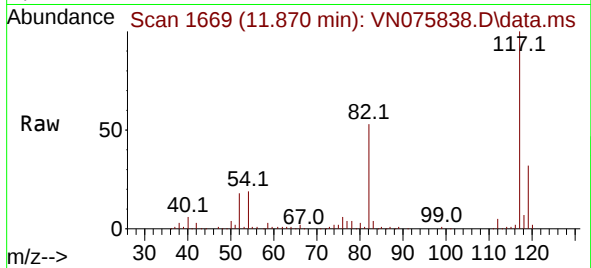
Tgt Ion: 95 Resp: 202812
Ion Ratio Lower Upper
95 100
174 86.7 0.0 171.6
176 84.1 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

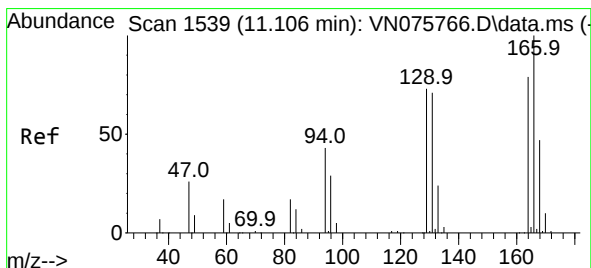
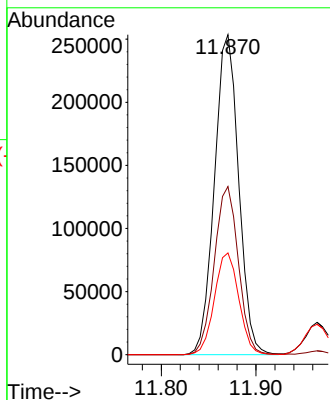
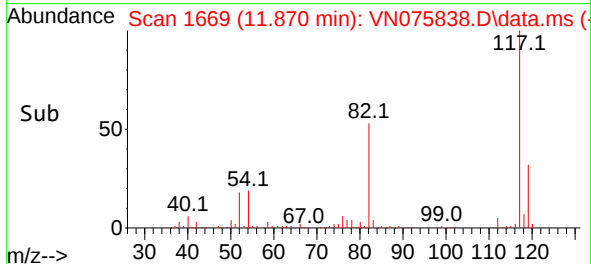
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



Tgt Ion:117 Resp: 450653
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 31.8 24.6 37.0

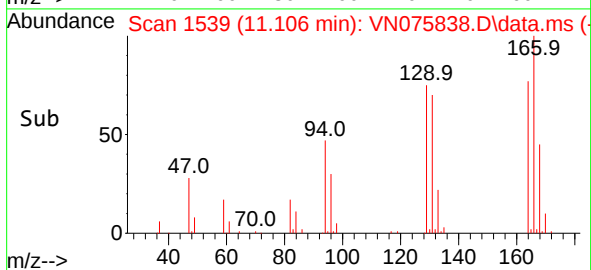
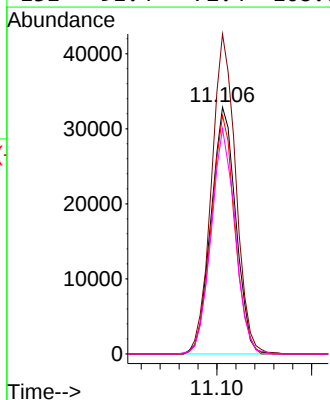
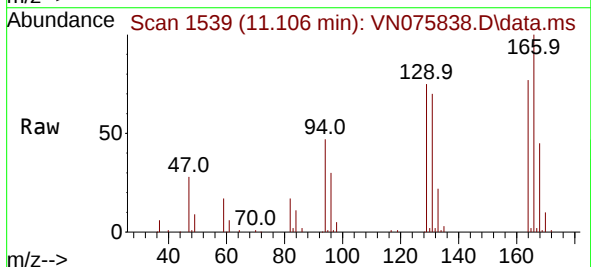
Manual Integrations
APPROVED

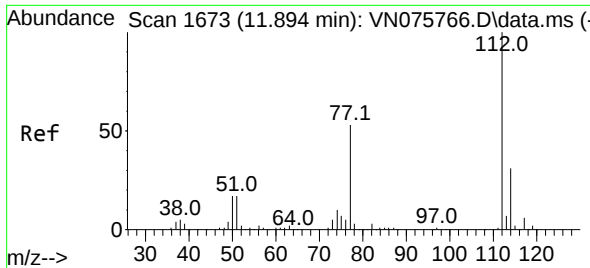
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#64
Tetrachloroethene
Concen: 18.780 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion:164 Resp: 59553
Ion Ratio Lower Upper
164 100
166 129.7 101.9 152.9
129 96.7 74.2 111.2
131 91.4 72.4 108.6





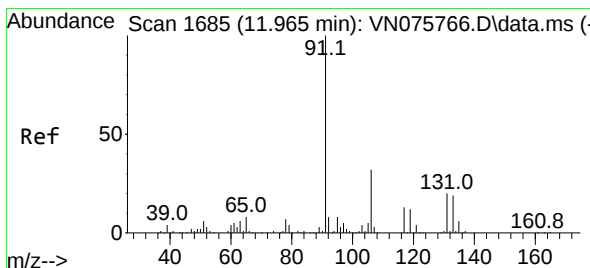
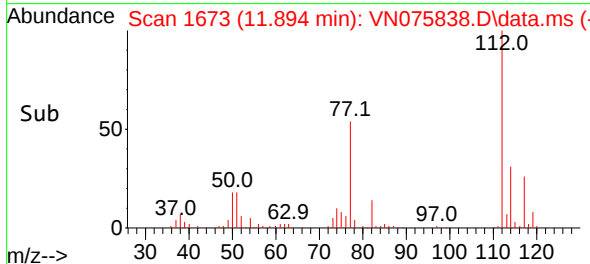
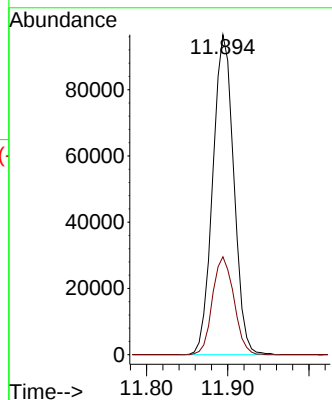
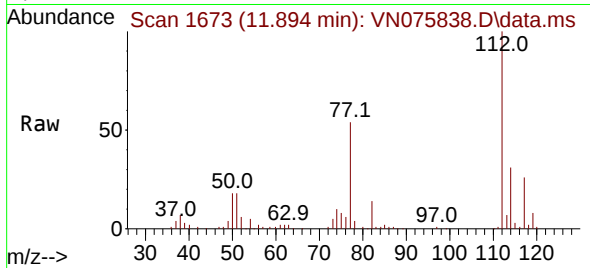
#65
Chlorobenzene
Concen: 18.785 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion:112 Resp: 173749
Ion Ratio Lower Upper
112 100
114 30.6 24.7 37.1

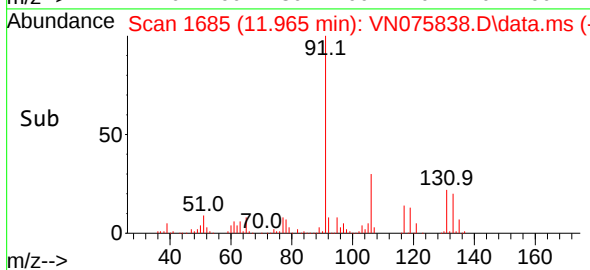
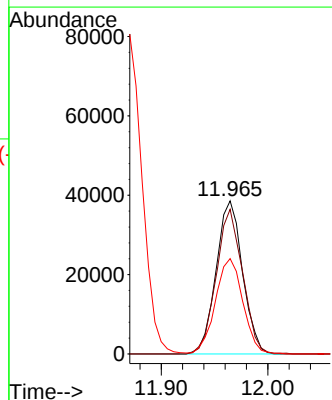
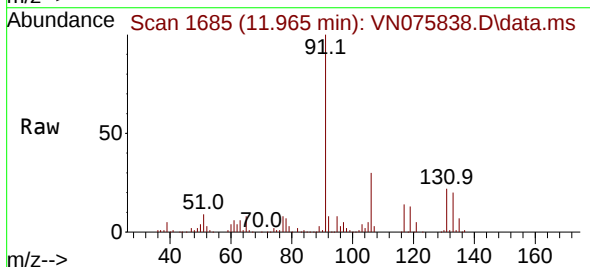
Manual Integrations
APPROVED

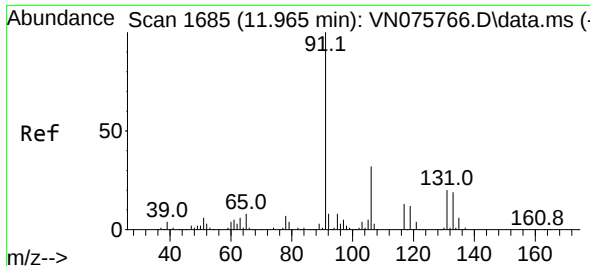
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.386 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion:131 Resp: 66417
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.5
119 64.9 31.9 95.7





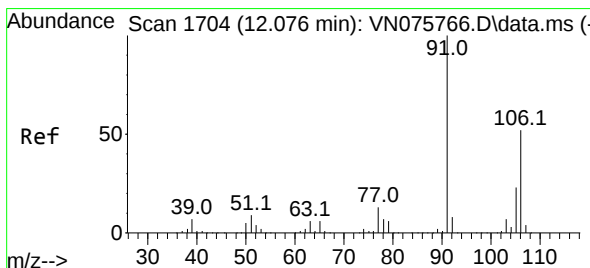
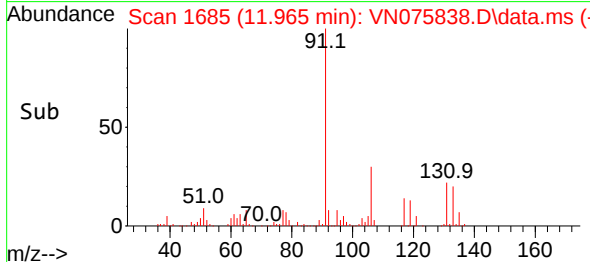
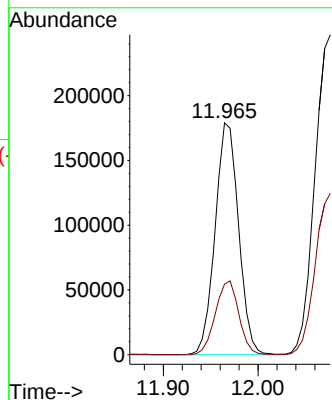
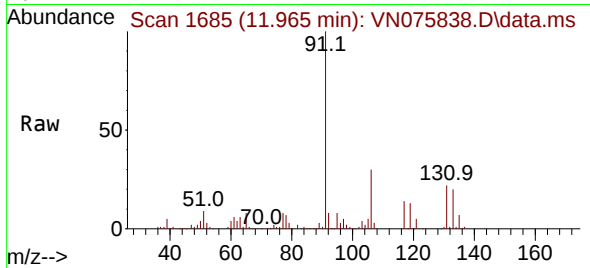
#67
Ethyl Benzene
Concen: 19.741 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 91 Resp: 30817
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

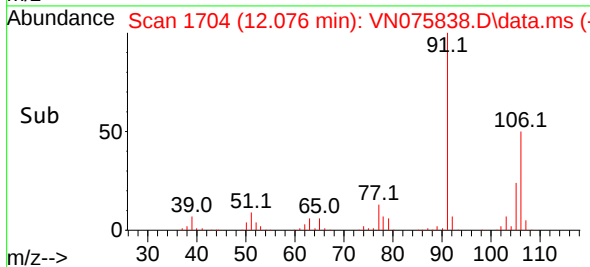
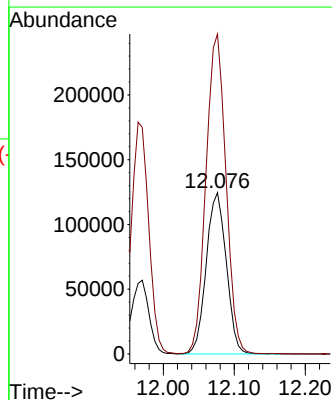
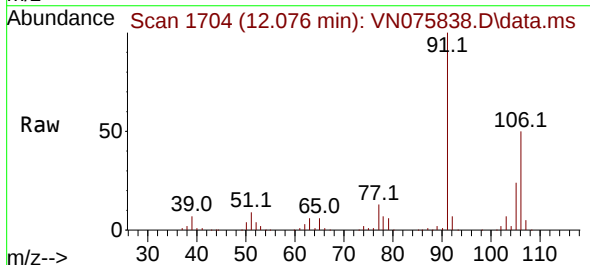
Manual Integrations
APPROVED

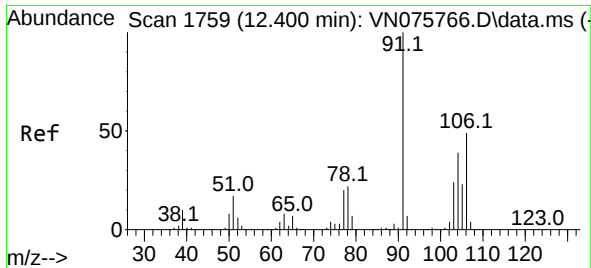
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#68
m/p-Xylenes
Concen: 39.544 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion:106 Resp: 244331
Ion Ratio Lower Upper
106 100
91 196.9 156.6 235.0





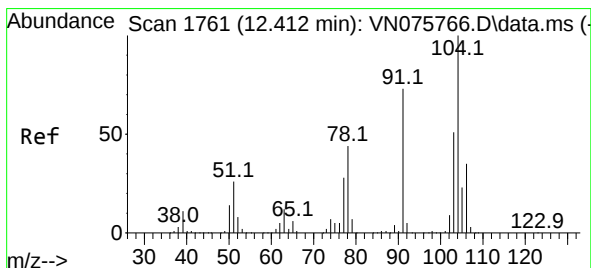
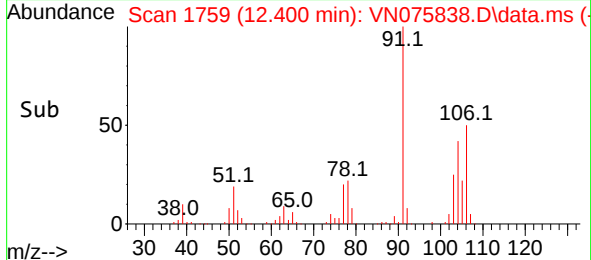
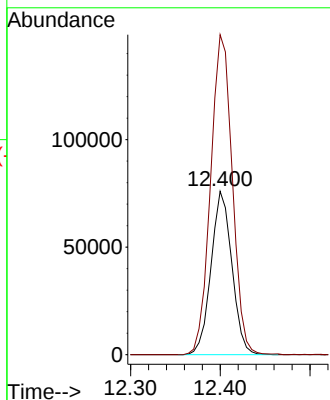
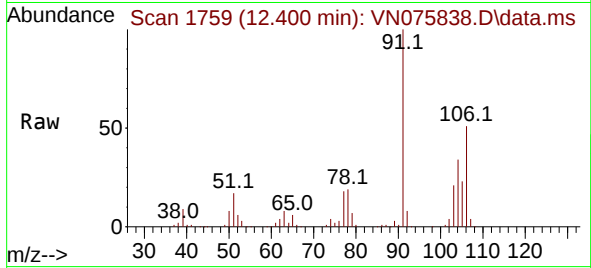
#69
o-Xylene
Concen: 20.045 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion:106 Resp: 122569
Ion Ratio Lower Upper
106 100
91 203.9 103.8 311.6

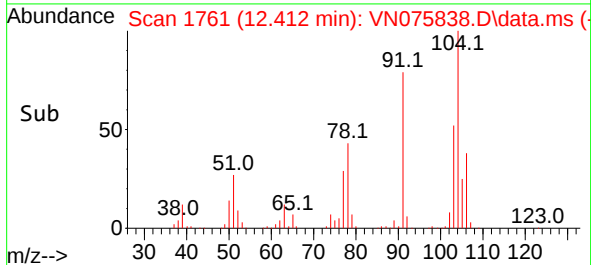
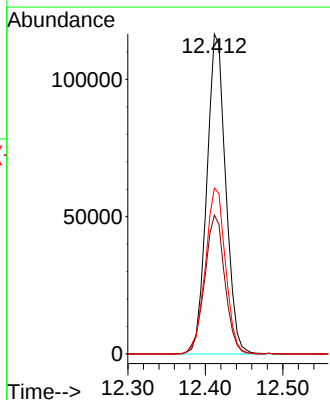
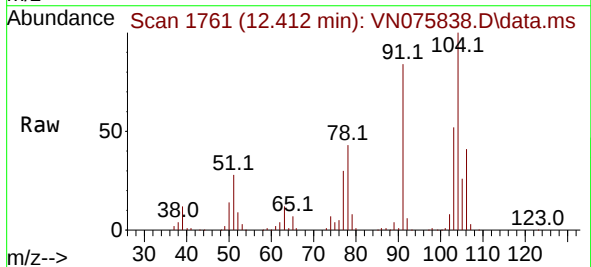
Manual Integrations
APPROVED

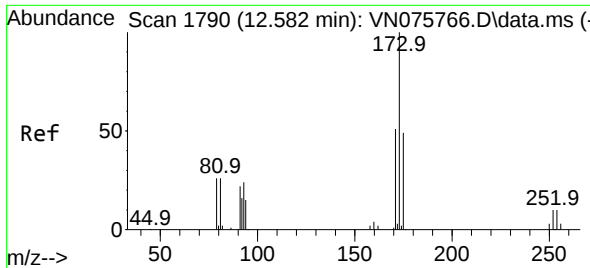
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#70
Styrene
Concen: 20.282 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

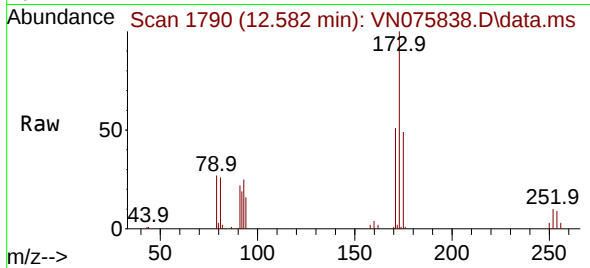
Tgt Ion:104 Resp: 197181
Ion Ratio Lower Upper
104 100
78 46.5 37.5 56.3
103 55.2 43.5 65.3





#71
Bromoform
Concen: 19.970 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

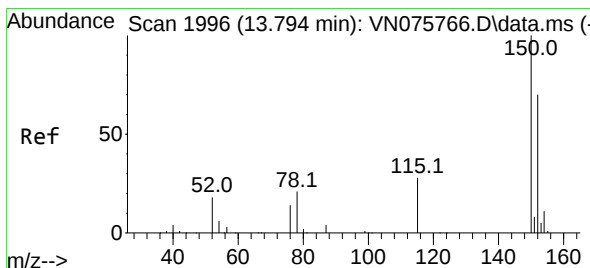
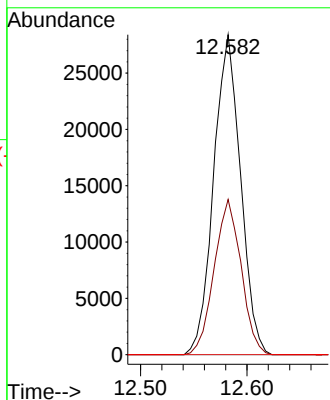
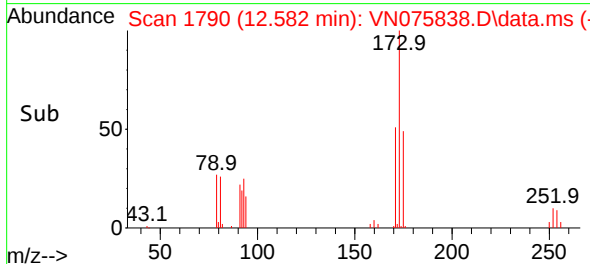
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



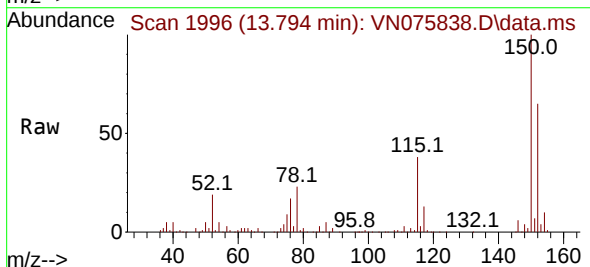
Tgt Ion:173 Resp: 49785
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.0 0.0 0.0

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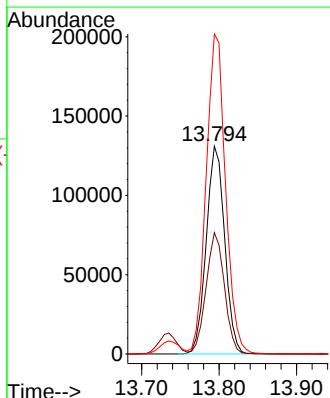
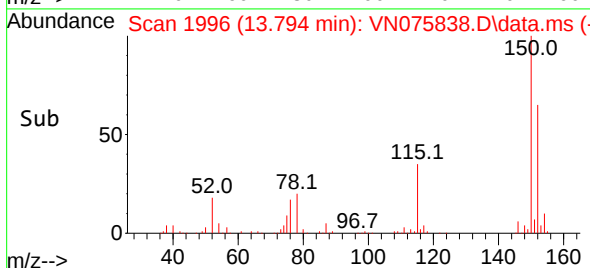
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

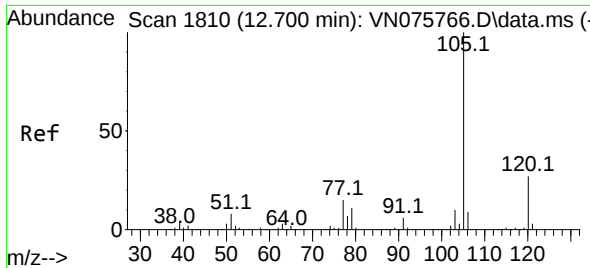


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16



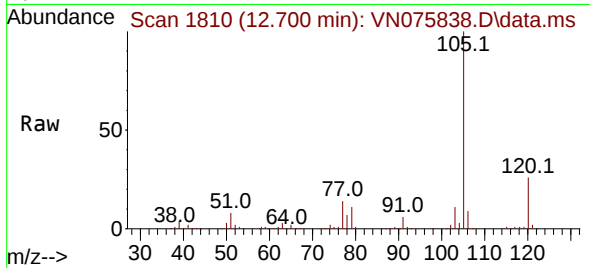
Tgt Ion:152 Resp: 217335
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.4
150 161.2 0.0 347.0





#73
Isopropylbenzene
Concen: 20.290 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

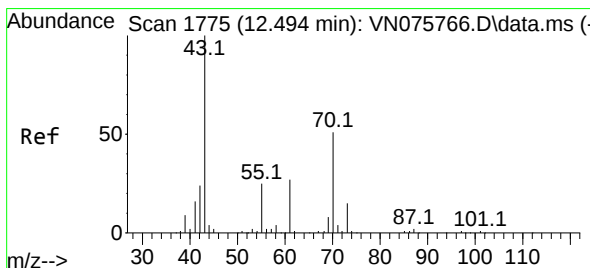
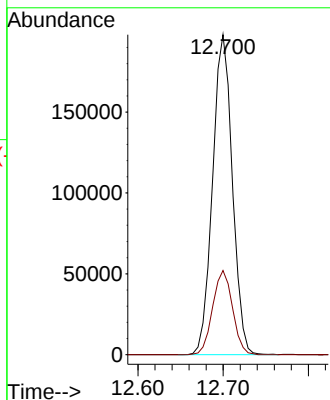
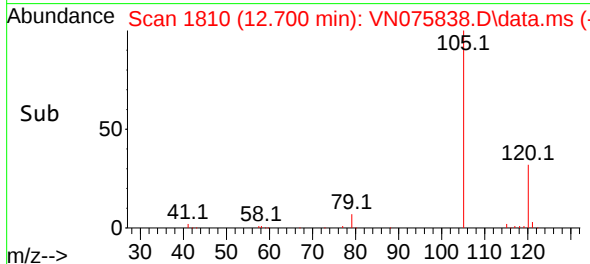
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



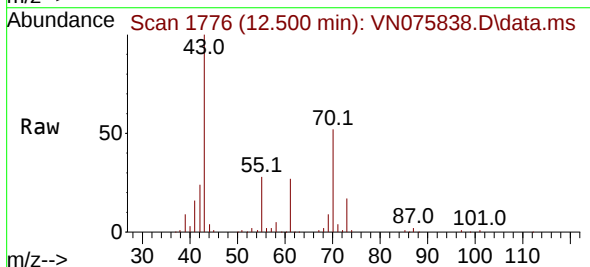
Tgt Ion:105 Resp: 31866
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

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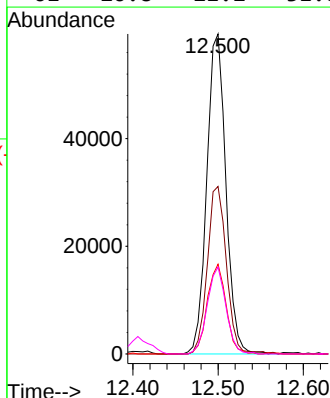
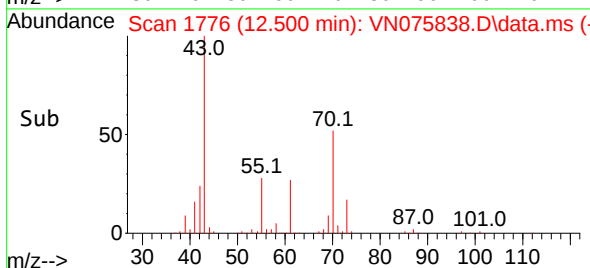
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

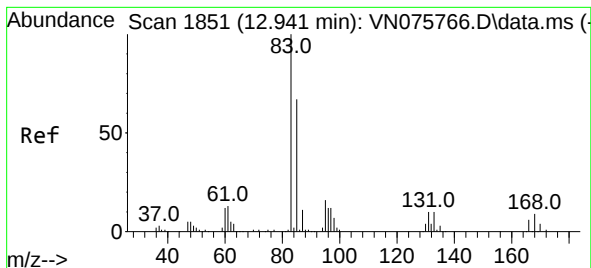


#74
N-ethyl acetate
Concen: 20.090 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16



Tgt Ion: 43 Resp: 92565
Ion Ratio Lower Upper
43 100
70 52.3 41.4 62.0
55 27.7 21.3 31.9
61 26.8 21.2 31.8





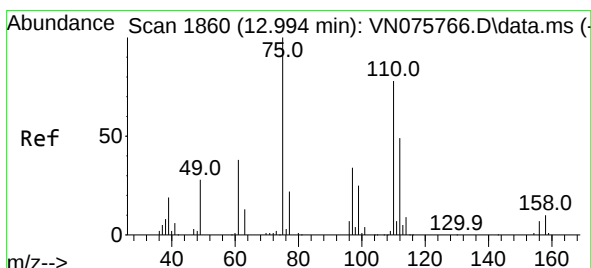
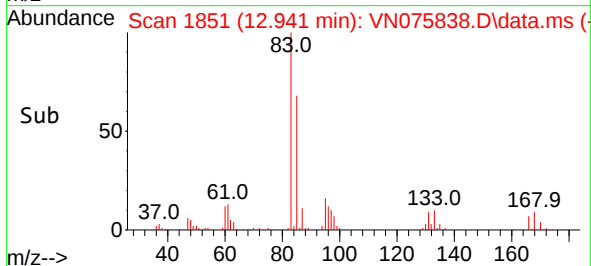
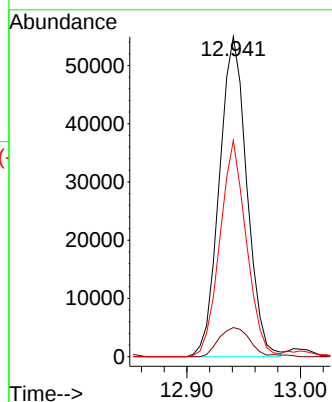
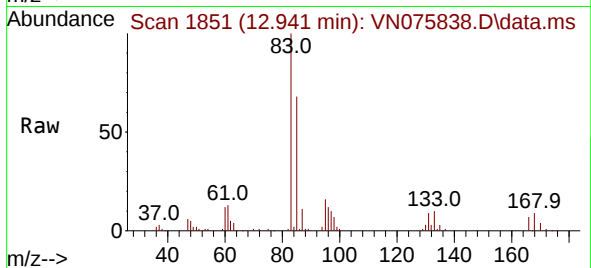
#75
1,1,2,2-Tetrachloroethane
Concen: 19.034 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 83 Resp: 9241
Ion Ratio Lower Upper
83 100
131 10.5 5.6 16.8
85 65.1 32.6 98.0

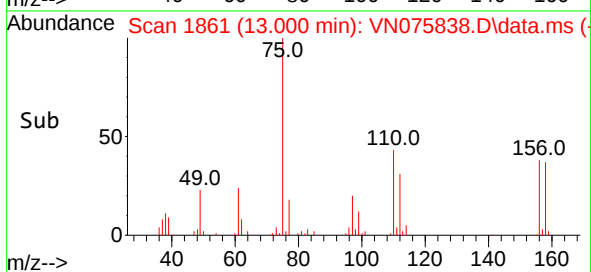
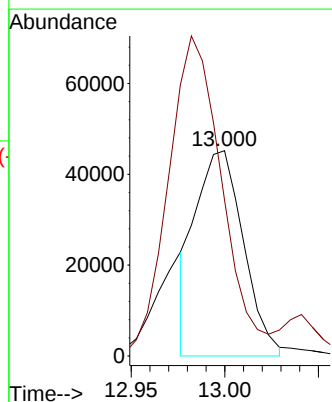
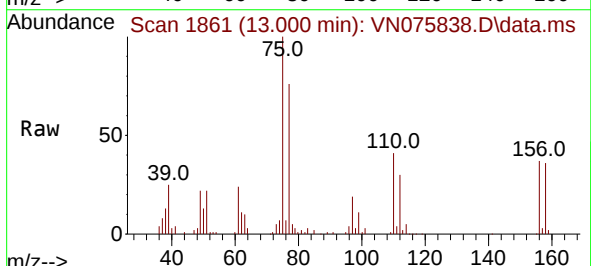
Manual Integrations
APPROVED

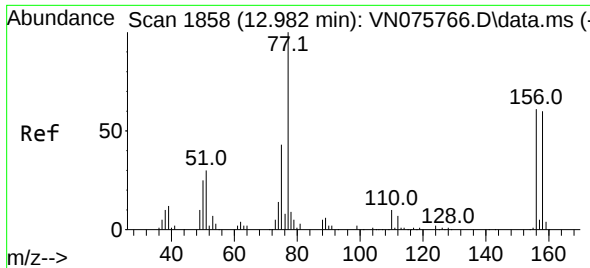
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#76
1,2,3-Trichloropropane
Concen: 18.395 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion: 75 Resp: 80588
Ion Ratio Lower Upper
75 100
77 174.0 82.6 247.8





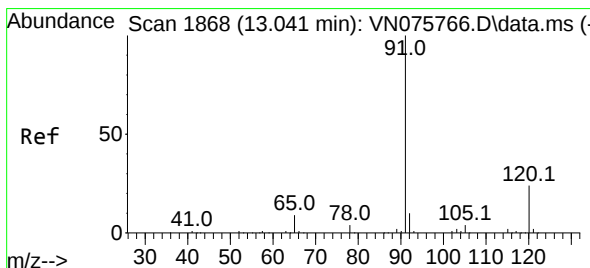
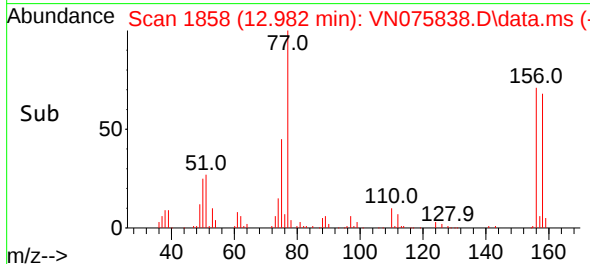
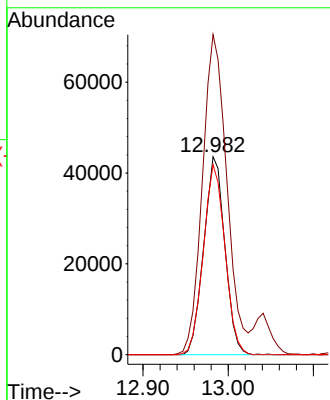
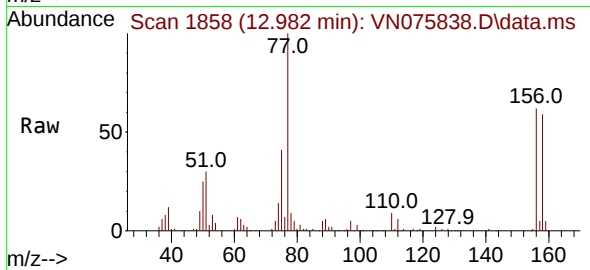
#77
Bromobenzene
Concen: 18.889 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion:156 Resp: 75078
Ion Ratio Lower Upper
156 100
77 186.7 93.8 281.3
158 98.2 48.9 146.6

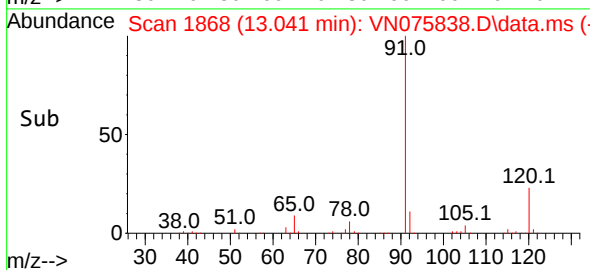
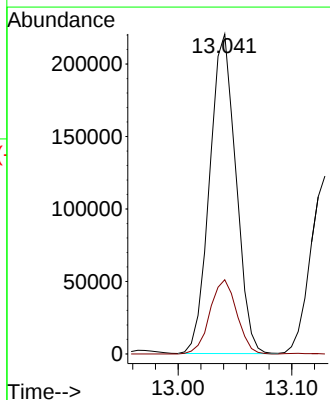
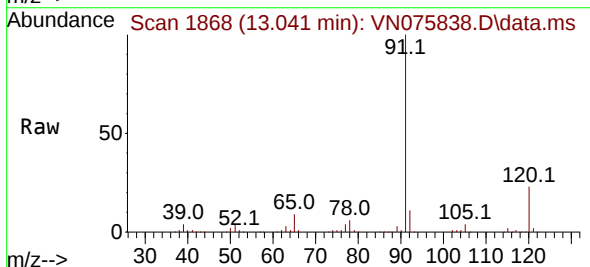
Manual Integrations
APPROVED

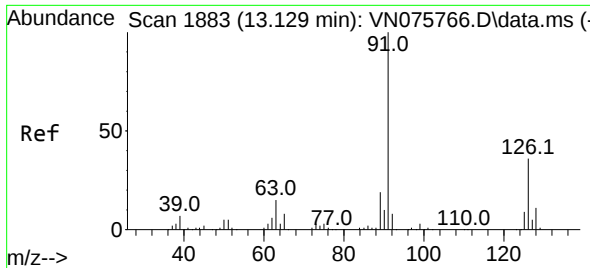
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#78
n-propylbenzene
Concen: 20.458 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion: 91 Resp: 354375
Ion Ratio Lower Upper
91 100
120 23.7 12.0 36.1





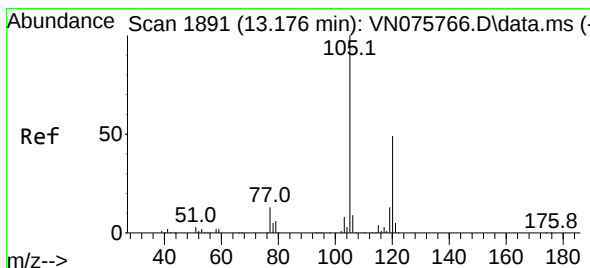
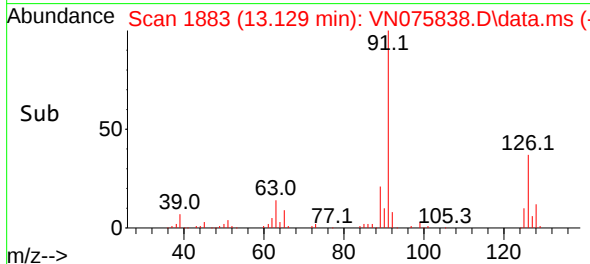
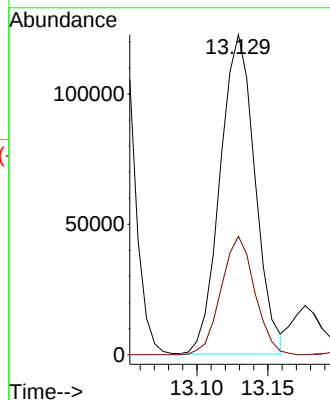
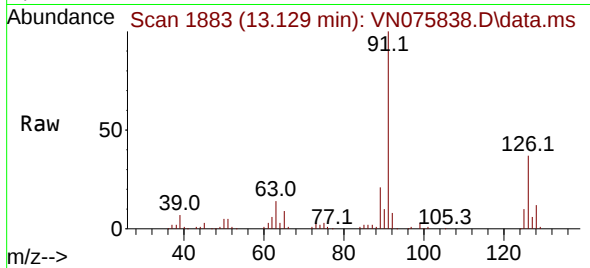
#79
2-Chlorotoluene
Concen: 19.382 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion: 91 Resp: 209580
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5

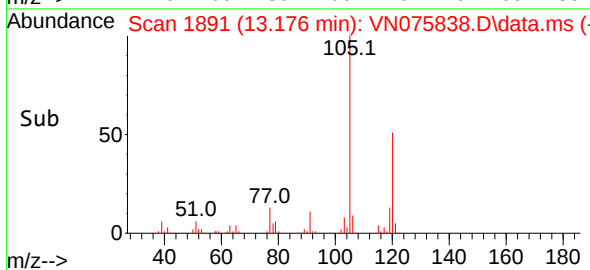
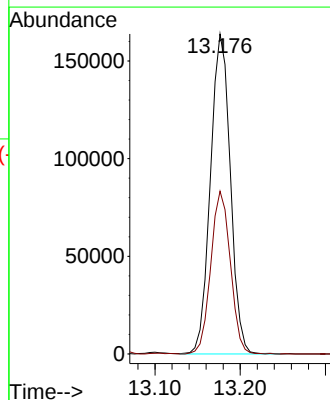
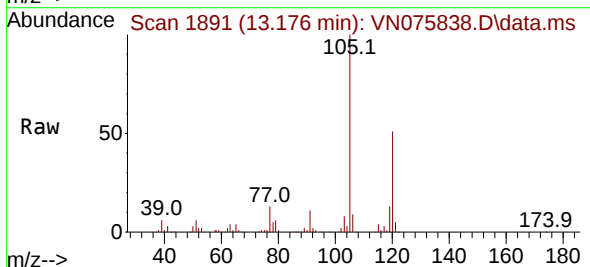
Manual Integrations
APPROVED

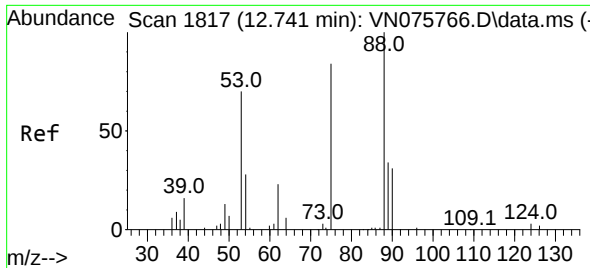
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.219 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

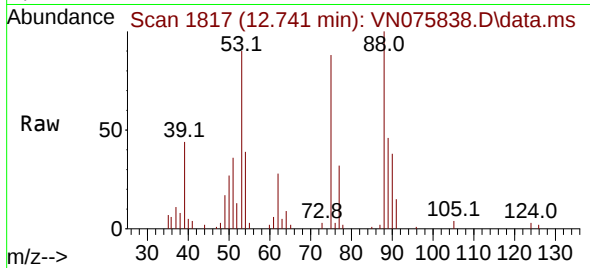
Tgt Ion:105 Resp: 265769
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.923 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

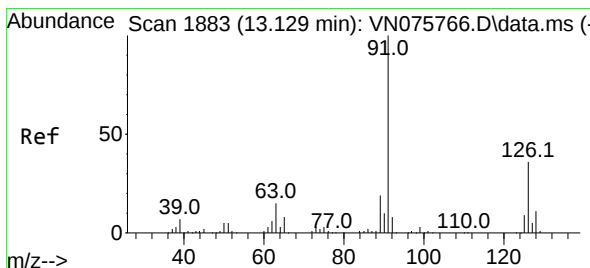
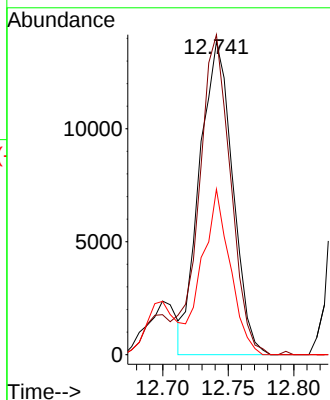
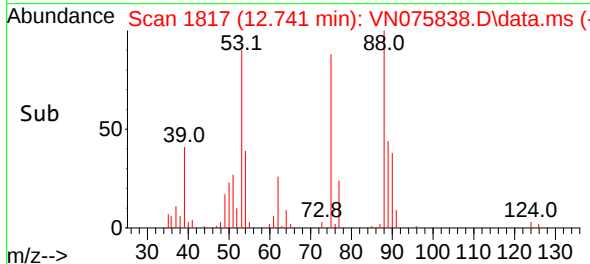
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



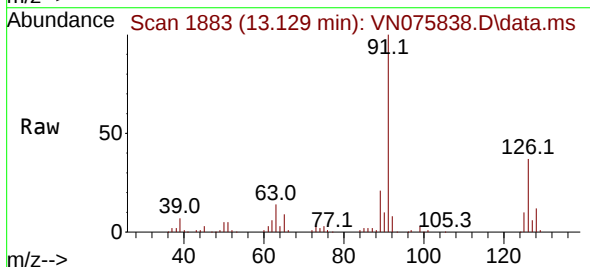
Tgt Ion: 75 Resp: 24248
Ion Ratio Lower Upper
75 100
53 98.0 73.8 110.6
89 44.1 39.5 59.3

Manual Integrations
APPROVED

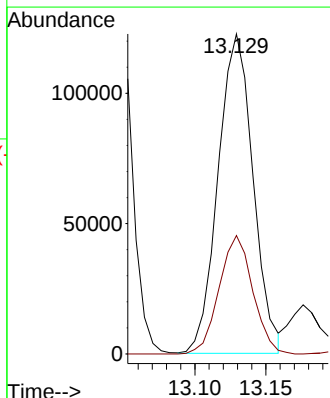
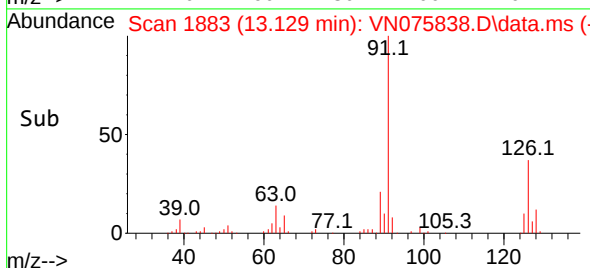
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

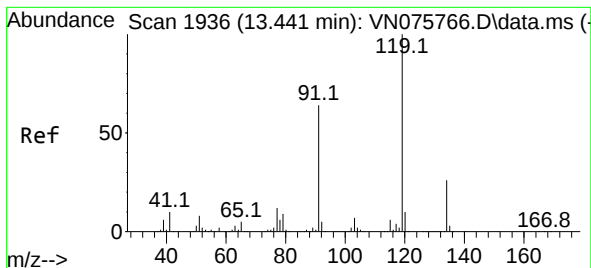


#82
4-Chlorotoluene
Concen: 19.382 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16



Tgt Ion: 91 Resp: 209580
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.5





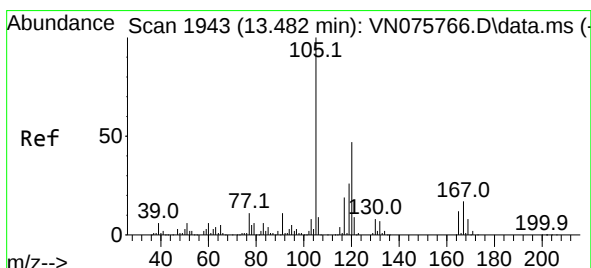
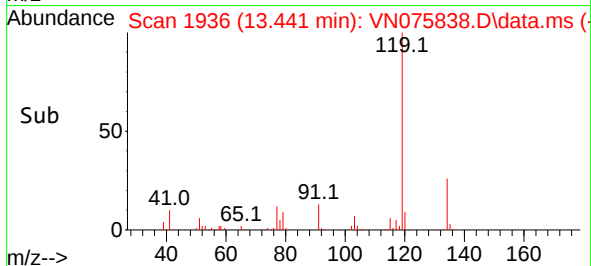
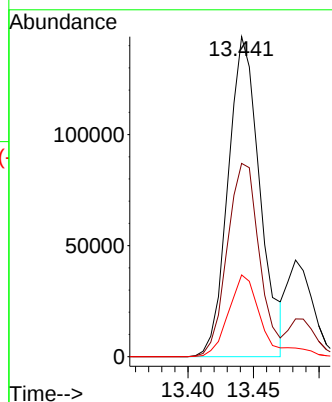
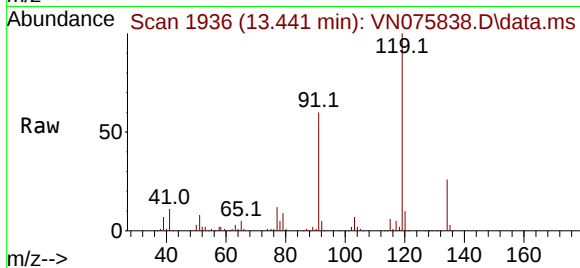
#83
tert-Butylbenzene
Concen: 21.019 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01

Tgt Ion:119 Resp: 243598
Ion Ratio Lower Upper
119 100
91 61.1 31.9 95.5
134 26.7 13.8 41.4

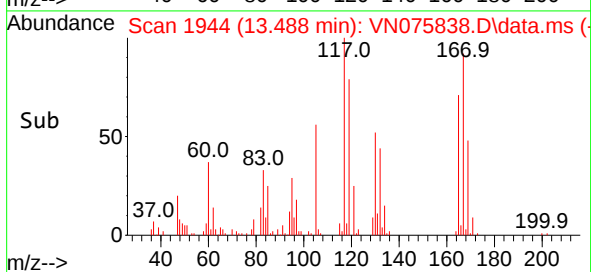
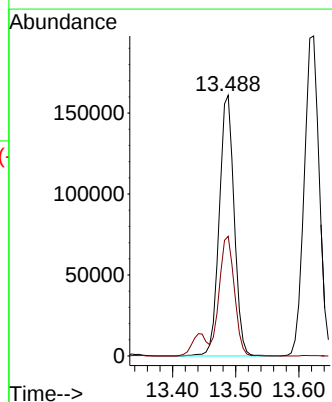
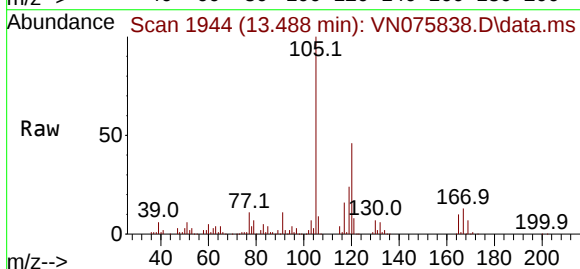
Manual Integrations
APPROVED

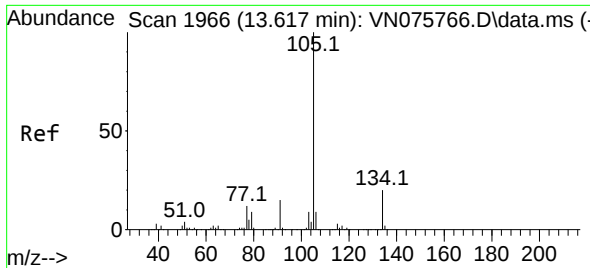
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.230 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

Tgt Ion:105 Resp: 263797
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8





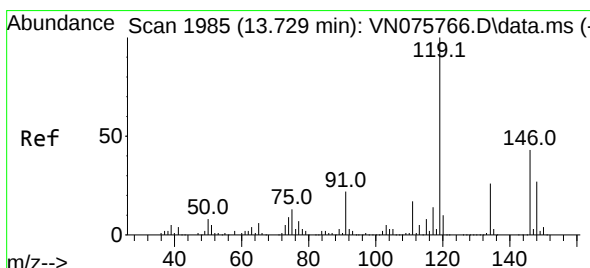
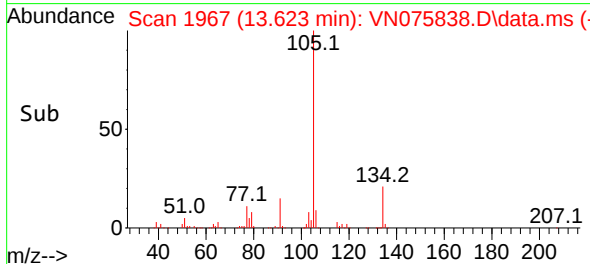
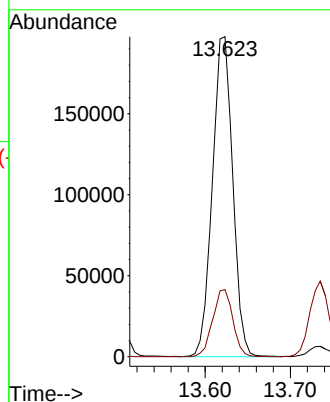
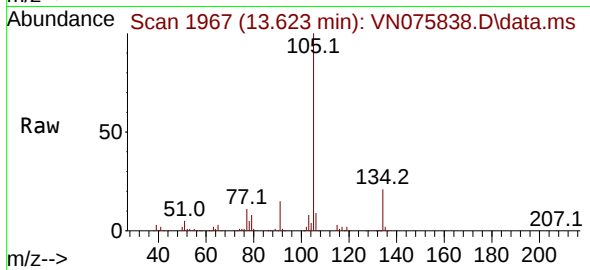
#85
 sec-Butylbenzene
 Concen: 20.504 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VN075838.D
 Acq: 16 Dec 2022 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBS01

Tgt Ion:105 Resp: 327989
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1

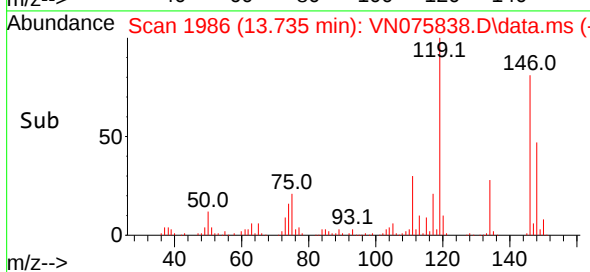
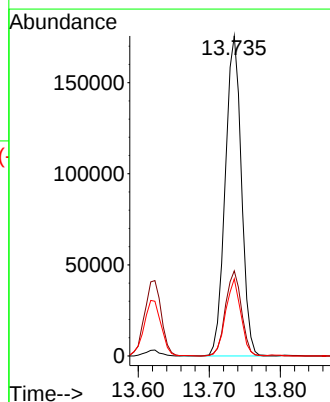
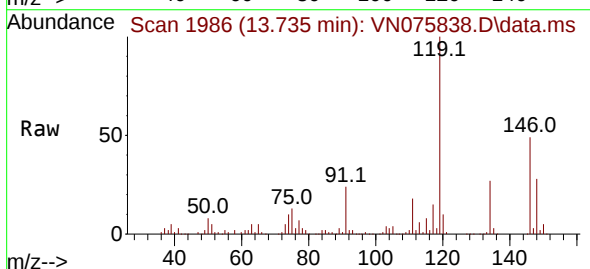
Manual Integrations
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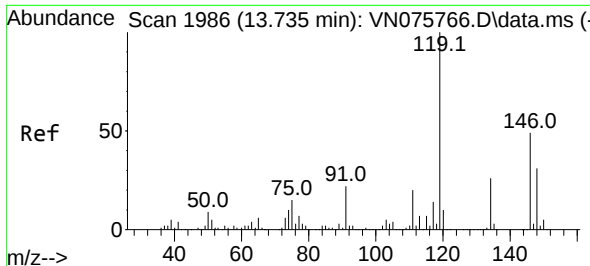
Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/19/2022



#86
 p-Isopropyltoluene
 Concen: 20.787 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075838.D
 Acq: 16 Dec 2022 11:16

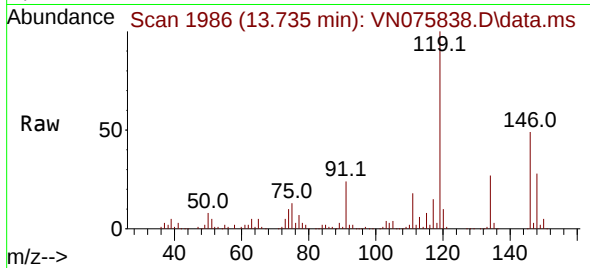
Tgt Ion:119 Resp: 276684
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.8 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 18.901 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

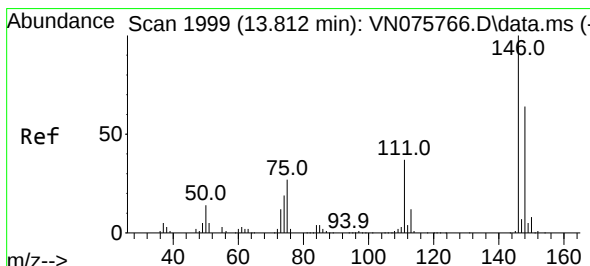
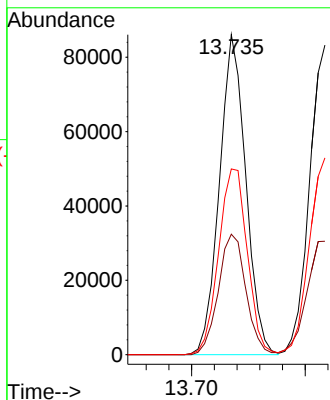
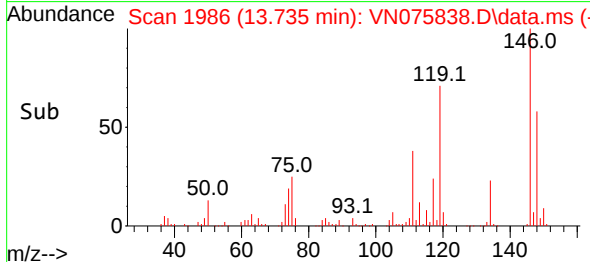
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



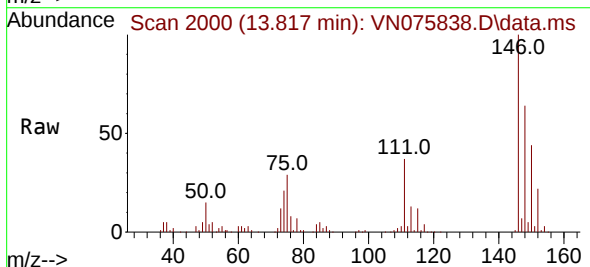
Tgt Ion:146 Resp: 138770
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 63.2 31.4 94.2

Manual Integrations
APPROVED

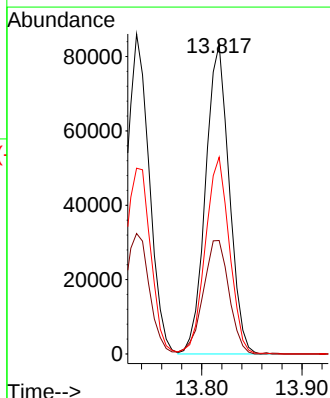
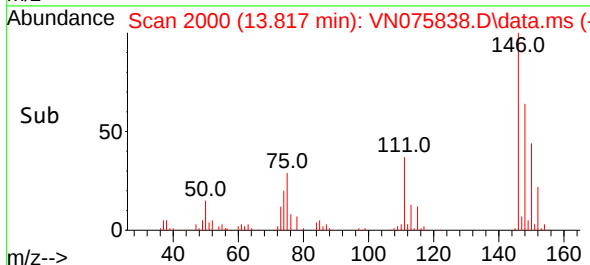
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/19/2022

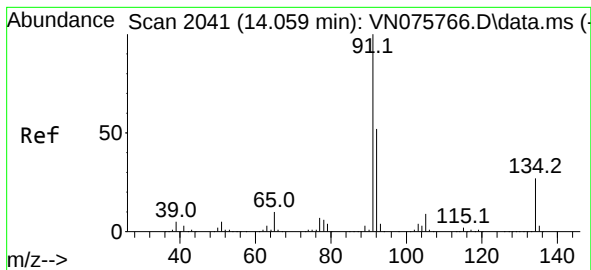


#88
1,4-Dichlorobenzene
Concen: 18.214 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16



Tgt Ion:146 Resp: 136614
Ion Ratio Lower Upper
146 100
111 40.1 19.1 57.1
148 64.7 32.0 96.2





#89

n-Butylbenzene

Concen: 19.694 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

Tgt Ion: 91 Resp: 212358

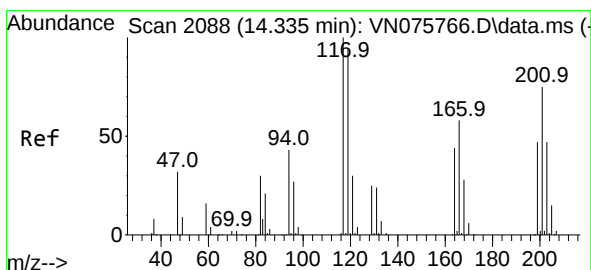
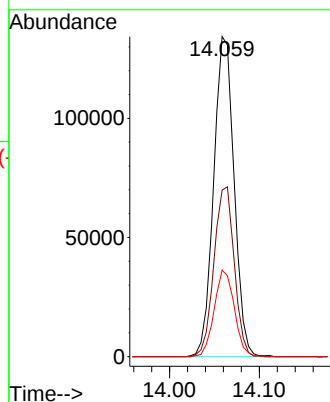
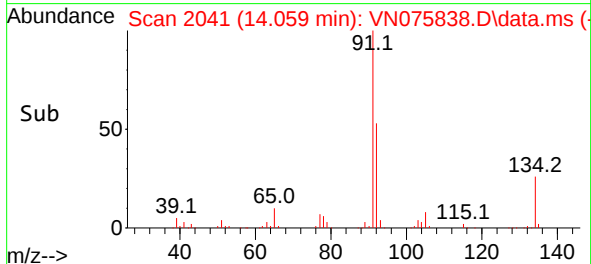
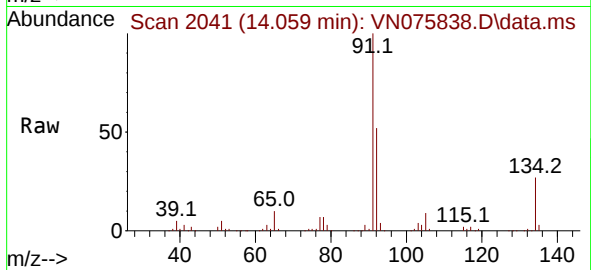
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	26.5	13.4	40.2

Manual Integrations

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Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#90

Hexachloroethane

Concen: 20.618 ug/l

RT: 14.335 min Scan# 2088

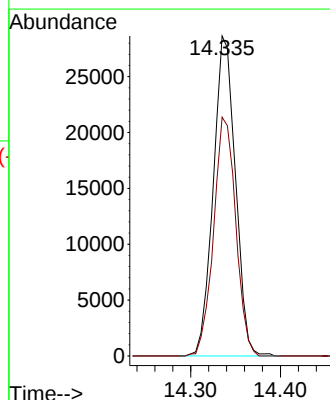
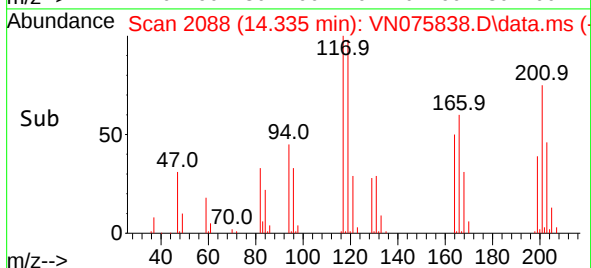
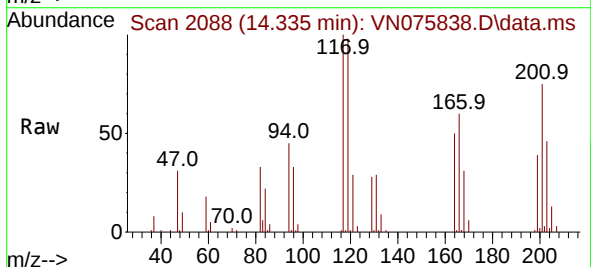
Delta R.T. -0.000 min

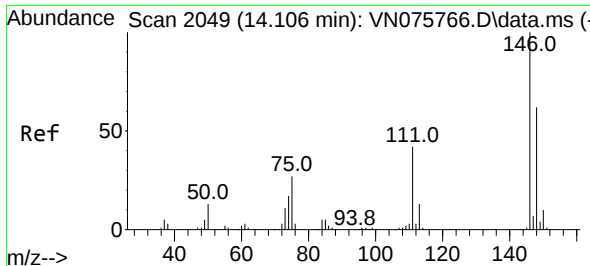
Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Tgt Ion:117 Resp: 49090

Ion	Ratio	Lower	Upper
117	100		
201	74.6	38.0	114.1





#91

1,2-Dichlorobenzene

Concen: 19.072 ug/l

RT: 14.111 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Instrument :

MSVOA_N

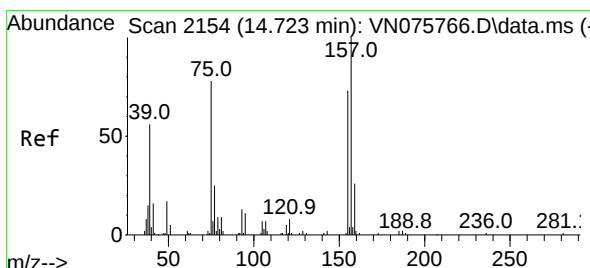
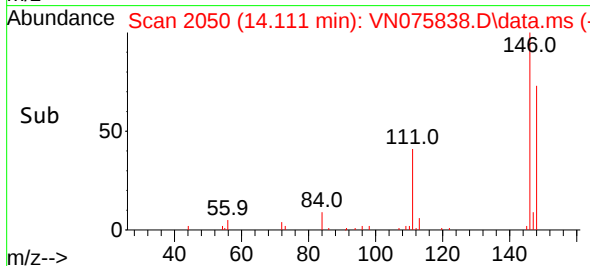
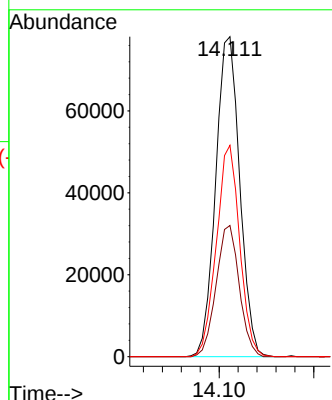
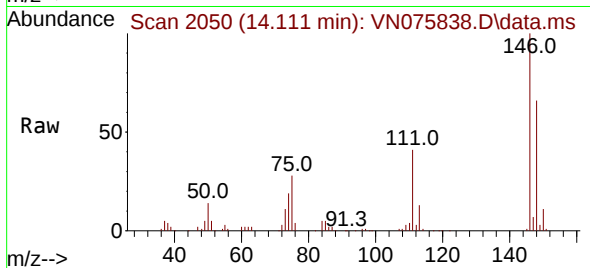
ClientSampleId :

VN1216WBS01

Tgt Ion:146 Resp: 137920
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.3 61.0
 148 64.0 31.7 95.1

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.237 ug/l

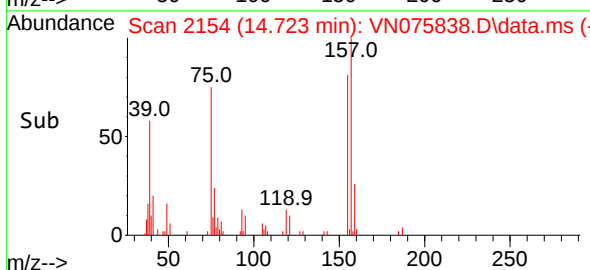
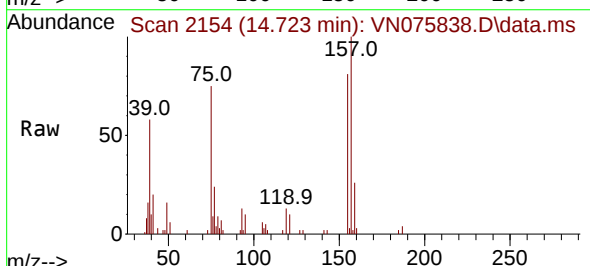
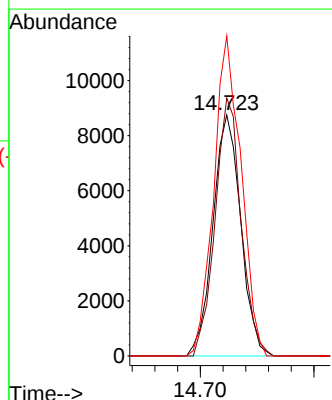
RT: 14.723 min Scan# 2154

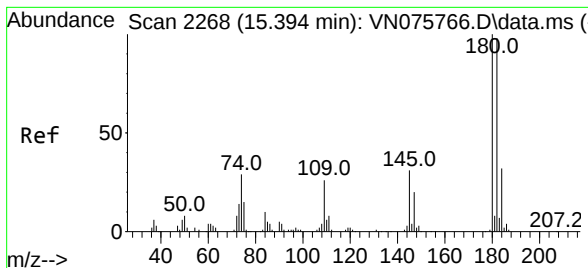
Delta R.T. -0.000 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Tgt Ion: 75 Resp: 14850
 Ion Ratio Lower Upper
 75 100
 155 100.4 49.3 147.8
 157 130.5 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 17.748 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBS01

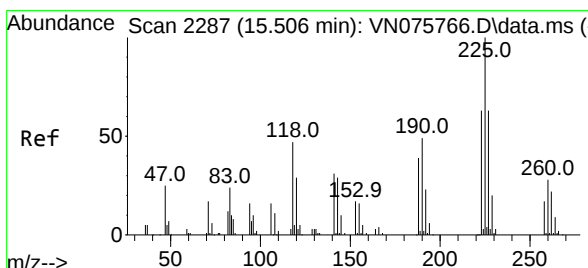
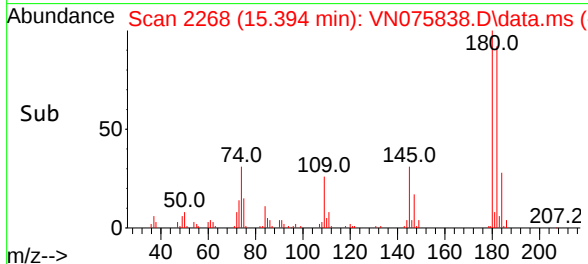
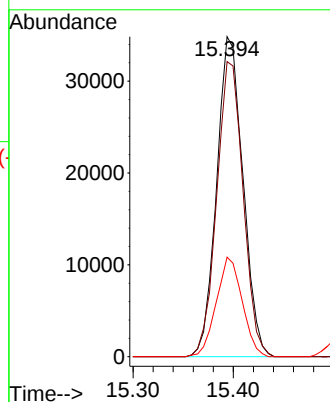
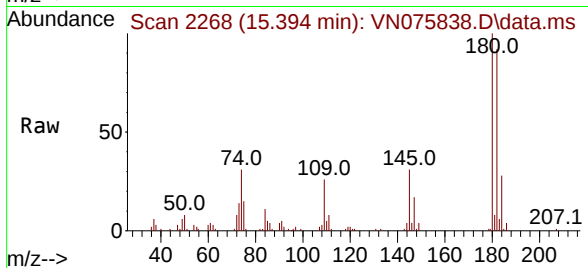
Tgt Ion:	180	Resp:	63544
Ion Ratio	Lower	Upper	
180	100		
182	92.5	47.5	142.5
145	30.6	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/19/2022



#94

Hexachlorobutadiene

Concen: 18.095 ug/l

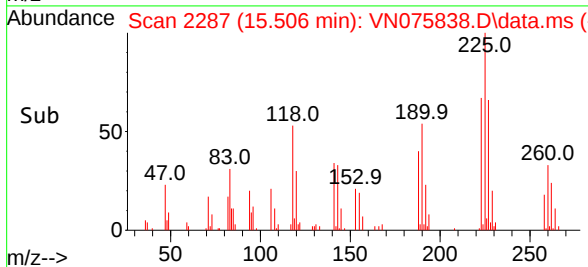
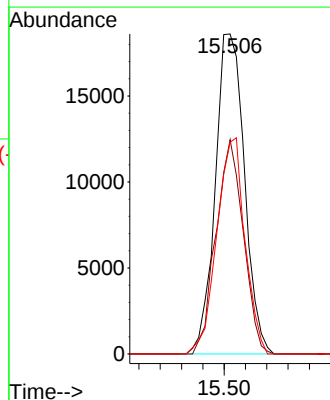
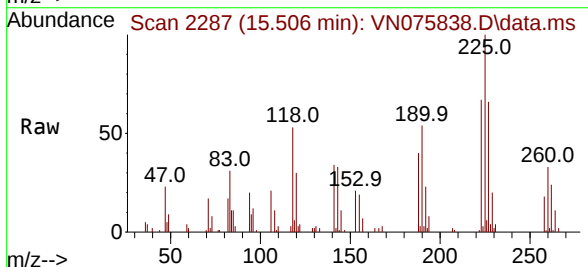
RT: 15.506 min Scan# 2287

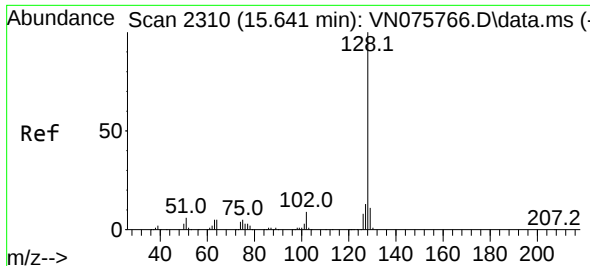
Delta R.T. -0.000 min

Lab File: VN075838.D

Acq: 16 Dec 2022 11:16

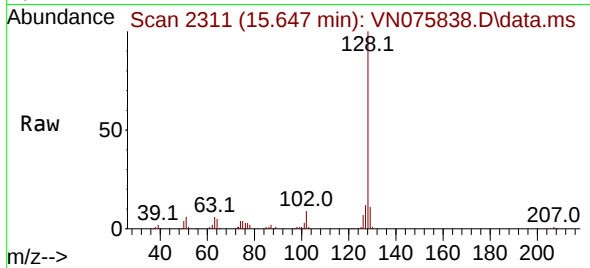
Tgt Ion:	225	Resp:	35346
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.5	94.5
227	65.0	31.6	95.0





#95
Naphthalene
Concen: 17.305 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16

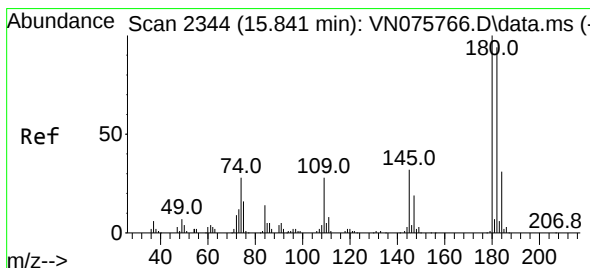
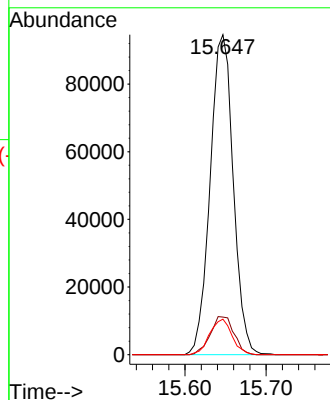
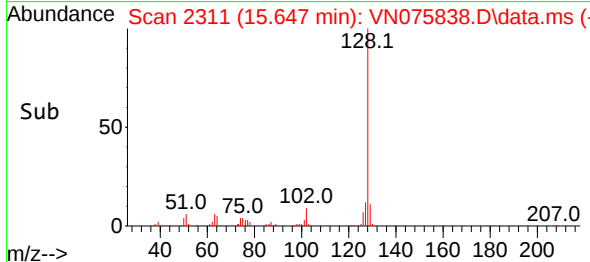
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBS01



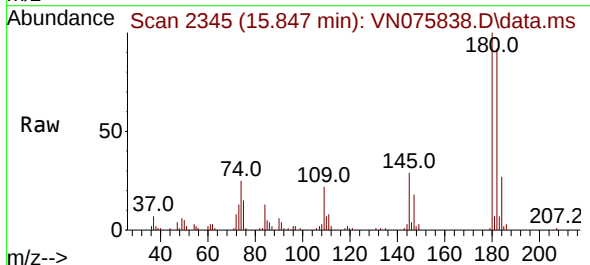
Tgt Ion:128 Resp: 187083
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.977 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075838.D
Acq: 16 Dec 2022 11:16



Tgt Ion:180 Resp: 63505
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 31.7 16.0 47.9

