

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075811.D
 Acq On : 15 Dec 2022 12:26
 Operator : JC\MD
 Sample : VN1215WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/16/2022
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 03:07:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	333581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	526042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	464443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	186970	51.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.040%			
35) Dibromofluoromethane	8.171	113	170333	52.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.580%			
50) Toluene-d8	10.571	98	649607	53.333	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.660%			
62) 4-Bromofluorobenzene	12.853	95	215379	53.388	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	41595	17.561	ug/l	97
3) Chloromethane	2.371	50	49597	16.840	ug/l	98
4) Vinyl Chloride	2.524	62	58522	16.658	ug/l	98
5) Bromomethane	2.965	94	49841	16.693	ug/l	100
6) Chloroethane	3.130	64	43665	16.784	ug/l	95
7) Trichlorofluoromethane	3.512	101	92833	17.414	ug/l	90
8) Diethyl Ether	3.977	74	36047	18.513	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	56942	18.706	ug/l	98
10) Methyl Iodide	4.600	142	87073	17.625	ug/l	100
11) Tert butyl alcohol	5.530	59	46574	90.698	ug/l	99
12) 1,1-Dichloroethene	4.353	96	50348	17.030	ug/l	97
13) Acrolein	4.195	56	76583	121.649	ug/l	99
14) Allyl chloride	5.030	41	60206	17.420	ug/l	90
15) Acrylonitrile	5.730	53	131325	93.715	ug/l	99
16) Acetone	4.442	43	125991	100.712	ug/l	95
17) Carbon Disulfide	4.730	76	119568	16.704	ug/l	98
18) Methyl Acetate	5.036	43	67030	18.127	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	183653	18.863	ug/l	97
20) Methylene Chloride	5.283	84	60980	17.810	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	56502	17.451	ug/l	96
22) Diisopropyl ether	6.683	45	156918	18.690	ug/l	95
23) Vinyl Acetate	6.612	43	586076	103.712	ug/l	97
24) 1,1-Dichloroethane	6.577	63	100851	18.011	ug/l	98
25) 2-Butanone	7.494	43	170246	97.193	ug/l	99
26) 2,2-Dichloropropane	7.494	77	87078	18.364	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	71112	18.364	ug/l	97
28) Bromochloromethane	7.818	49	41541	16.927	ug/l	97
29) Tetrahydrofuran	7.847	42	104981	95.637	ug/l	99
30) Chloroform	7.971	83	111597	17.702	ug/l	98
31) Cyclohexane	8.259	56	92834	17.862	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	101140	18.096	ug/l	98
36) 1,1-Dichloropropene	8.377	75	80389	18.576	ug/l	98
37) Ethyl Acetate	7.565	43	68077	19.585	ug/l	97
38) Carbon Tetrachloride	8.371	117	88160	18.202	ug/l	98
39) Methylcyclohexane	9.606	83	102516	19.636	ug/l	98
40) Benzene	8.612	78	244022	18.276	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	34568	19.132	ug/l	95
42) 1,2-Dichloroethane	8.677	62	82387	18.560	ug/l	99
43) Isopropyl Acetate	8.694	43	112430	19.608	ug/l	99
44) Trichloroethene	9.353	130	65990	17.544	ug/l	90
45) 1,2-Dichloropropane	9.630	63	59701	18.374	ug/l	93
46) Dibromomethane	9.712	93	44163	18.326	ug/l	97
47) Bromodichloromethane	9.888	83	87356	18.485	ug/l	97
48) Methyl methacrylate	9.682	41	52081	20.166	ug/l	99
49) 1,4-Dioxane	9.700	88	24226	381.568	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	342464	98.758	ug/l	99
52) Toluene	10.629	92	164846	18.957	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	88796	19.195	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	98461	19.385	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	65123	19.080	ug/l	97
56) Ethyl methacrylate	10.877	69	89740	19.795	ug/l	99
57) 1,3-Dichloropropane	11.165	76	104872	18.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	123142	85.314	ug/l	100
59) 2-Hexanone	11.200	43	252323	99.776	ug/l	100
60) Dibromochloromethane	11.359	129	71314	18.788	ug/l	98
61) 1,2-Dibromoethane	11.471	107	64833	18.770	ug/l	96
64) Tetrachloroethene	11.106	164	59353	18.161	ug/l	96
65) Chlorobenzene	11.894	112	174488	18.304	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	66726	18.898	ug/l	98
67) Ethyl Benzene	11.965	91	312365	19.415	ug/l	100
68) m/p-Xylenes	12.071	106	248828	39.076	ug/l	99
69) o-Xylene	12.400	106	125701	19.947	ug/l	96
70) Styrene	12.412	104	196586	19.620	ug/l	99
71) Bromoform	12.582	173	49061	19.096	ug/l #	100
73) Isopropylbenzene	12.700	105	318502	20.620	ug/l	100
74) N-amyl acetate	12.494	43	95828	21.147	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	92381	19.347	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	77745m	18.044	ug/l	
77) Bromobenzene	12.982	156	76634	19.604	ug/l	97
78) n-propylbenzene	13.035	91	354303	20.797	ug/l	99
79) 2-Chlorotoluene	13.129	91	211925	19.928	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	269214	20.824	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23692	19.793	ug/l	97
82) 4-Chlorotoluene	13.129	91	211925	19.928	ug/l	100
83) tert-Butylbenzene	13.441	119	240792	21.125	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	268728	20.954	ug/l	97
85) sec-Butylbenzene	13.618	105	331989	21.103	ug/l	100
86) p-Isopropyltoluene	13.729	119	277032	21.163	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	137811	19.085	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	139626	18.928	ug/l	99
89) n-Butylbenzene	14.059	91	215131	20.286	ug/l	99
90) Hexachloroethane	14.335	117	46146	19.707	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	138479	19.470	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16111	19.015	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	66232	18.809	ug/l	99
94) Hexachlorobutadiene	15.500	225	37919	19.738	ug/l	99
95) Naphthalene	15.641	128	195292	18.234	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	64743	19.672	ug/l	99

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

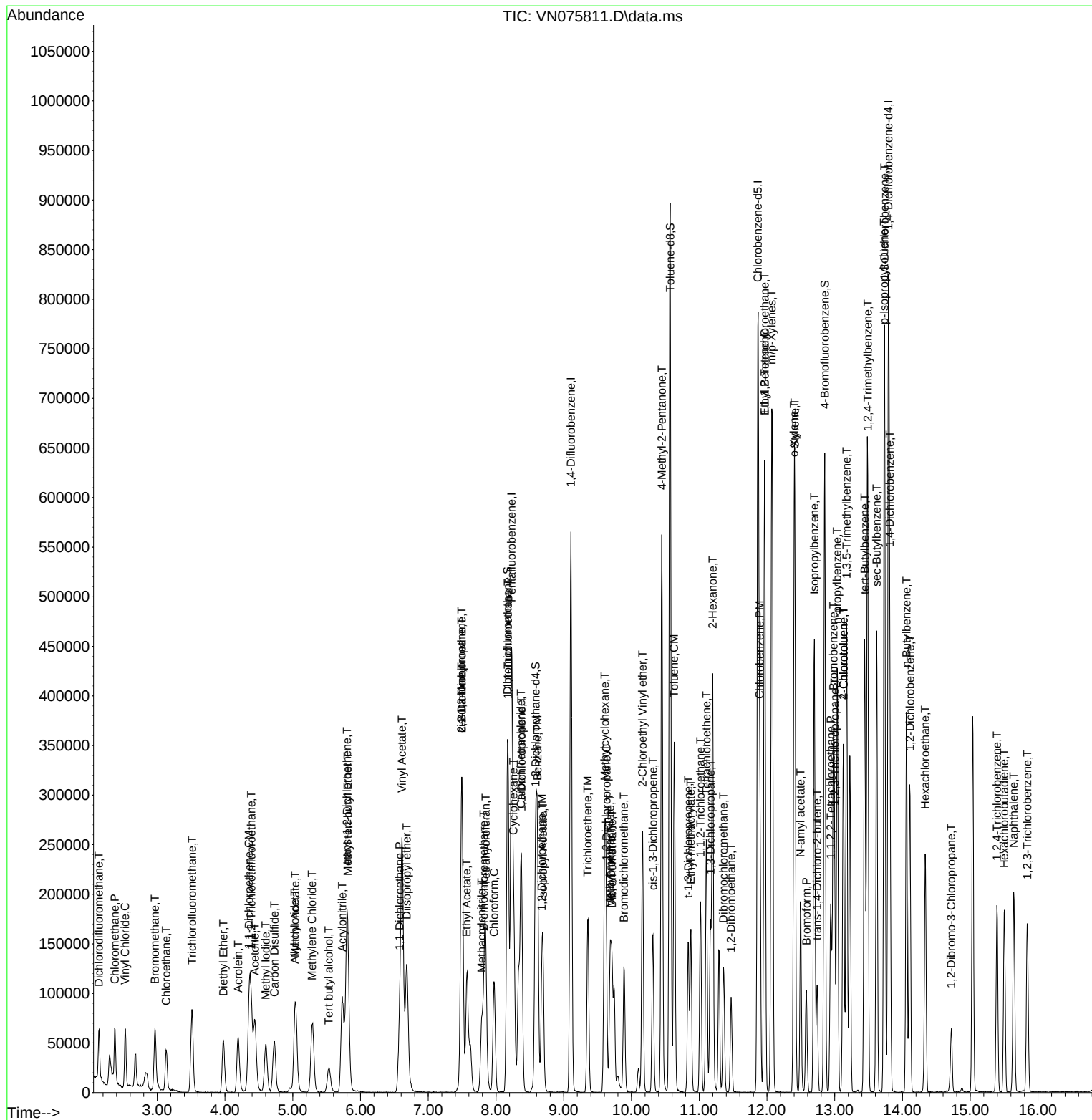
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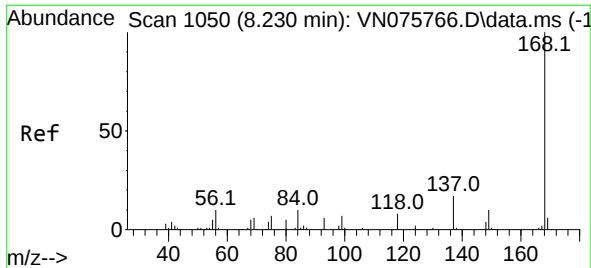
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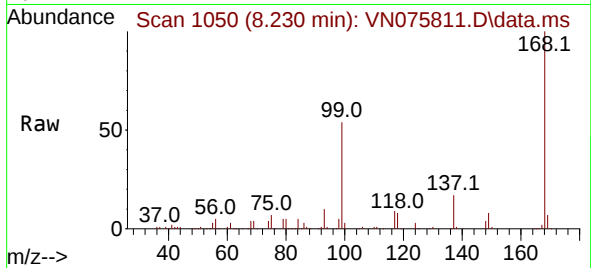
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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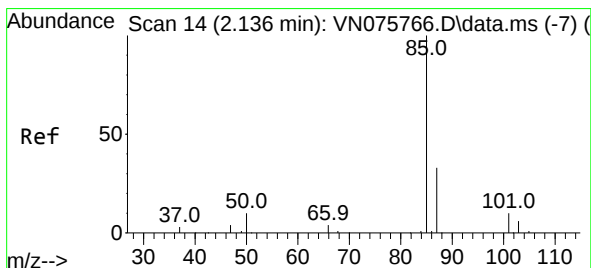
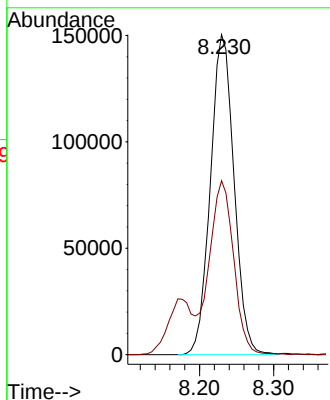
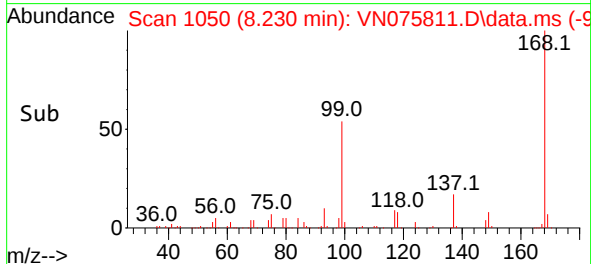
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Tgt Ion: 168 Resp: 33358
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4

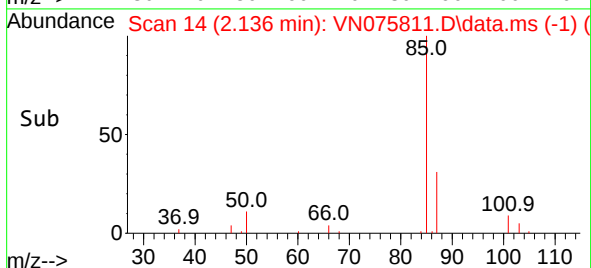
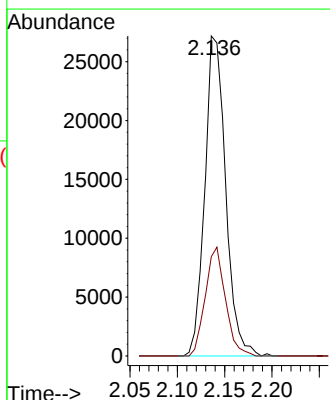
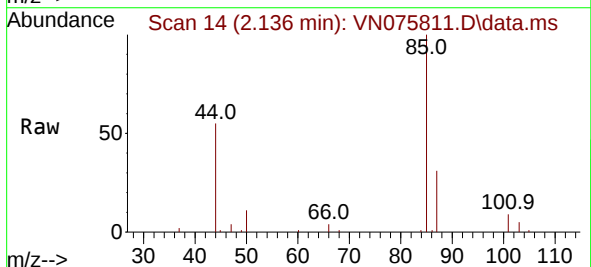
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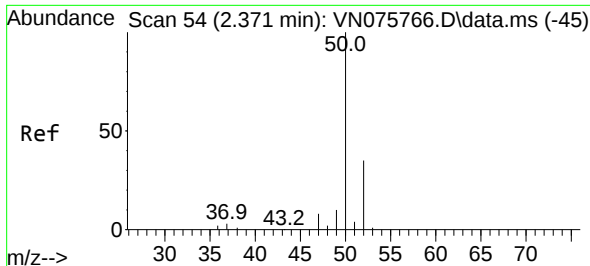
Reviewed By : John Carlone 12/16/2022
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#2
Dichlorodifluoromethane
Concen: 17.561 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 85 Resp: 41595
Ion Ratio Lower Upper
85 100
87 31.0 16.3 48.9





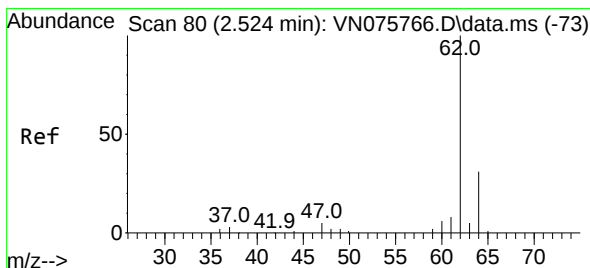
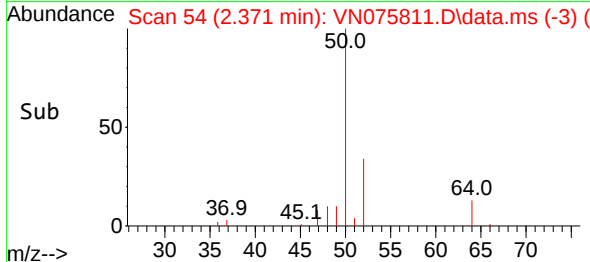
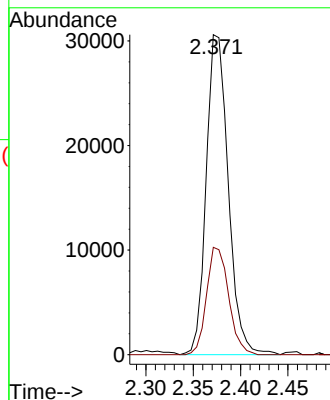
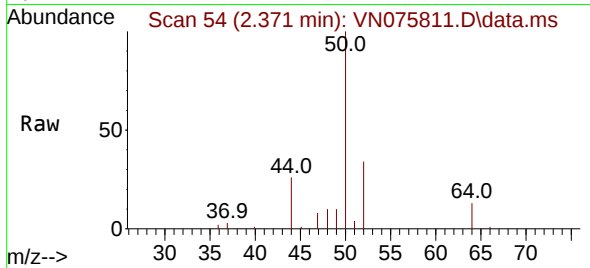
#3
Chloromethane
Concen: 16.840 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075811.D
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Tgt Ion: 50 Resp: 4959
Ion Ratio Lower Upper
50 100
52 33.5 27.7 41.5

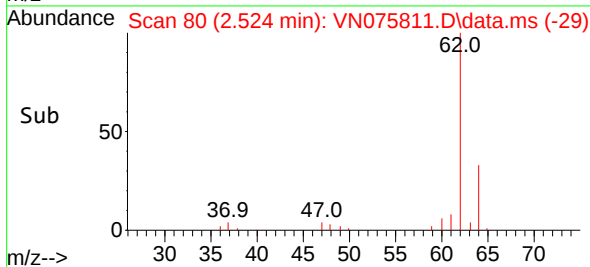
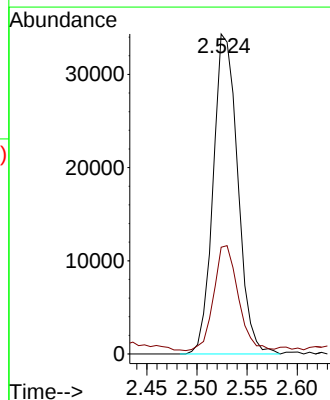
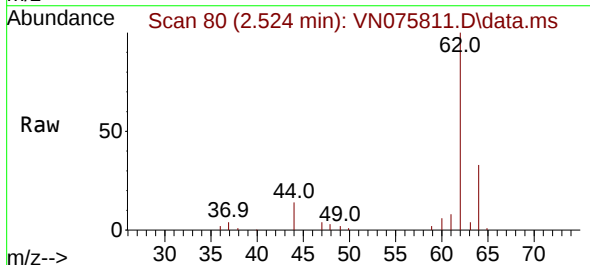
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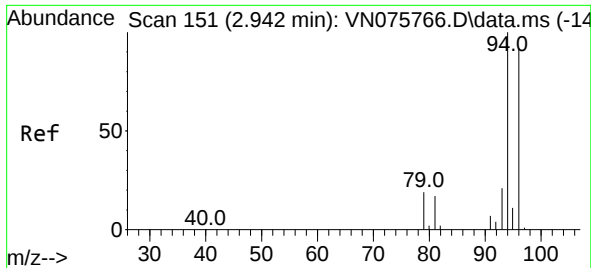
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#4
Vinyl Chloride
Concen: 16.658 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 62 Resp: 58522
Ion Ratio Lower Upper
62 100
64 32.1 24.9 37.3





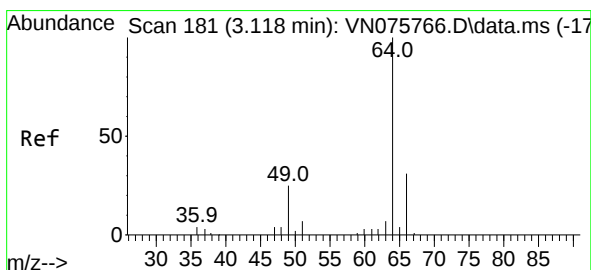
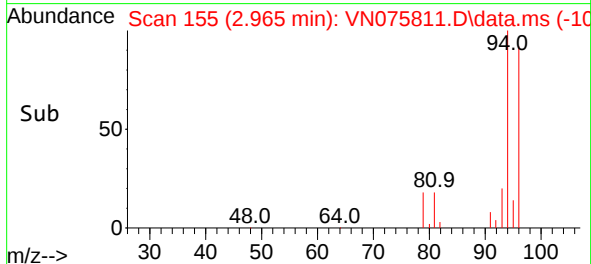
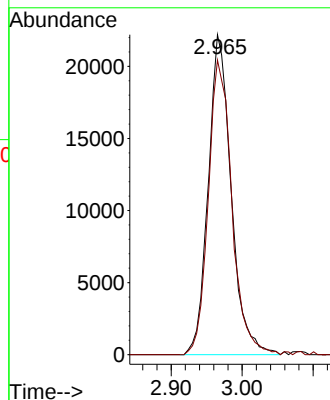
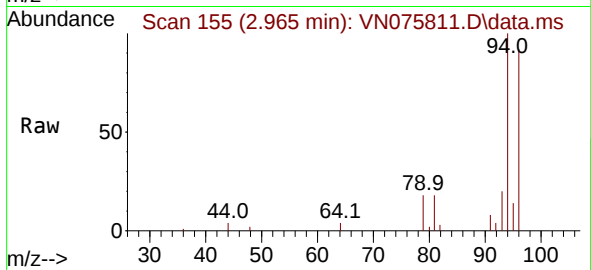
#5
Bromomethane
Concen: 16.693 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075811.D
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Tgt Ion: 94 Resp: 4984
Ion Ratio Lower Upper
94 100
96 92.0 73.8 110.6

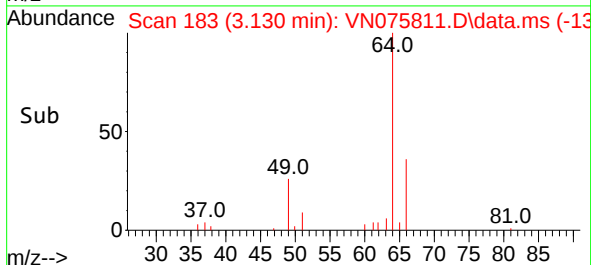
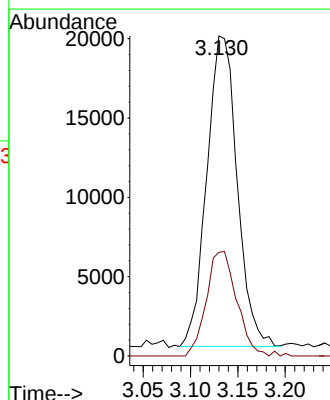
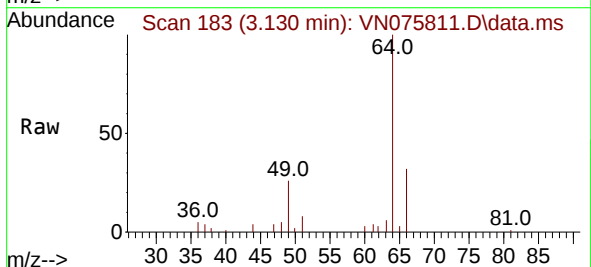
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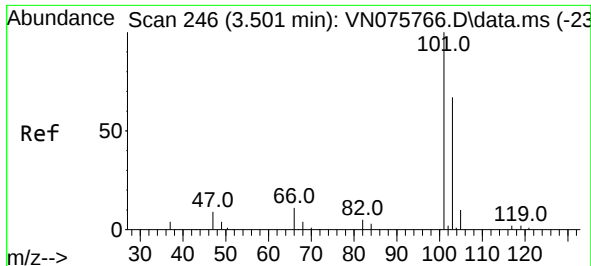
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#6
Chloroethane
Concen: 16.784 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 64 Resp: 43665
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8





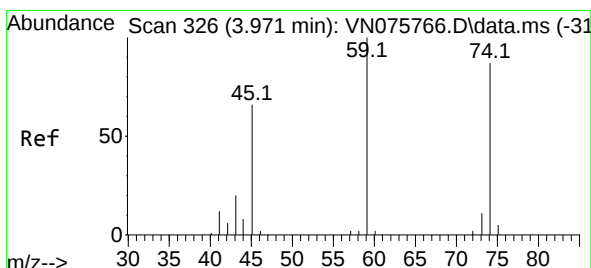
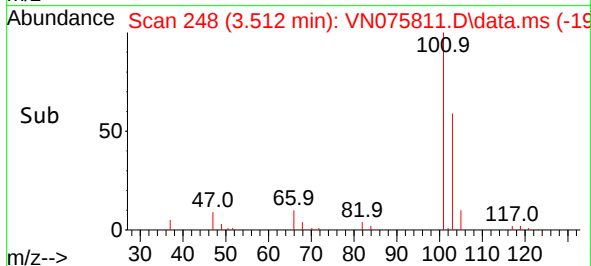
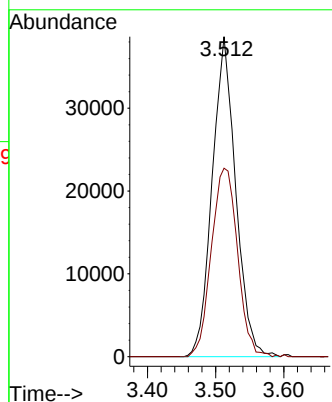
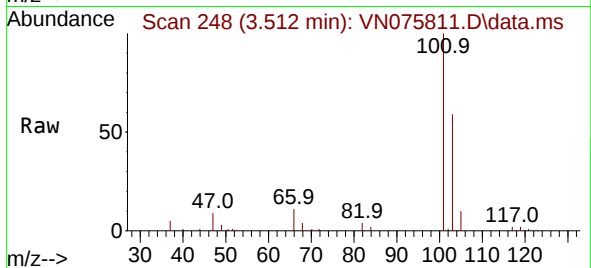
#7
 Trichlorofluoromethane
 Concen: 17.414 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26

Instrument :
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Tgt Ion:101 Resp: 9283
 Ion Ratio Lower Upper
 101 100
 103 58.9 53.4 80.2

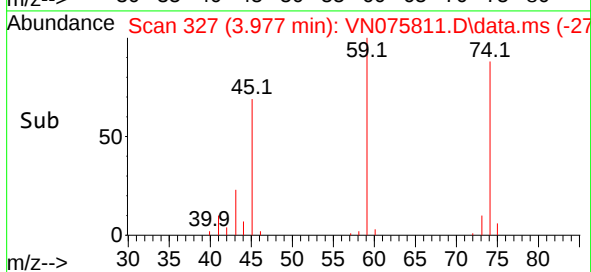
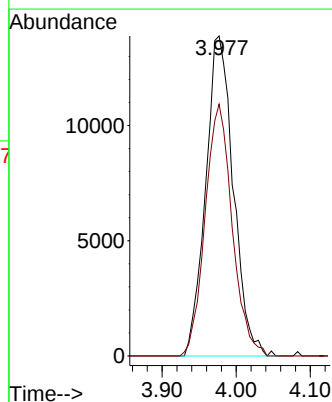
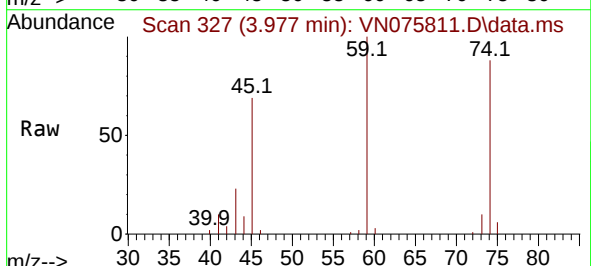
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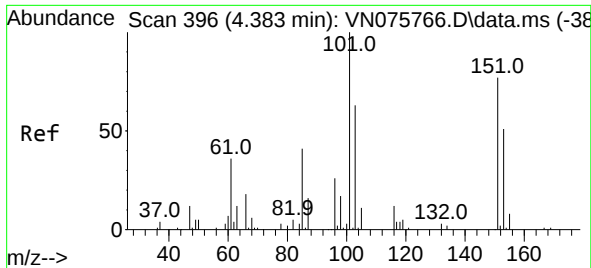
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#8
 Diethyl Ether
 Concen: 18.513 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26

Tgt Ion: 74 Resp: 36047
 Ion Ratio Lower Upper
 74 100
 45 77.0 37.8 113.4





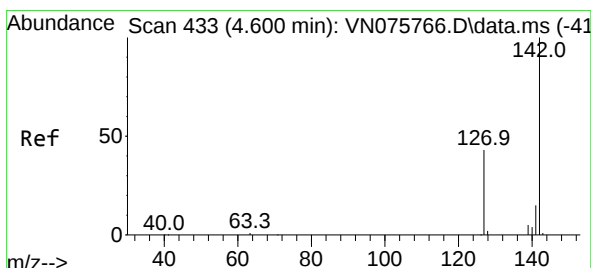
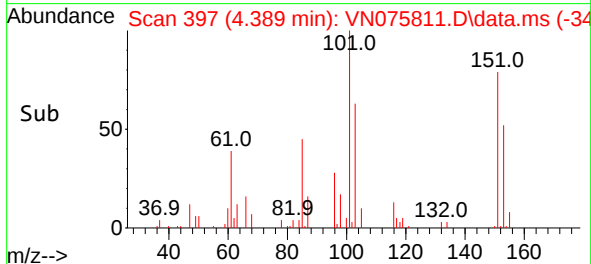
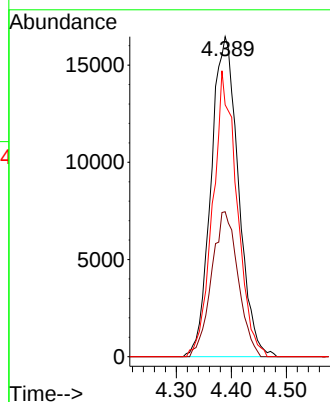
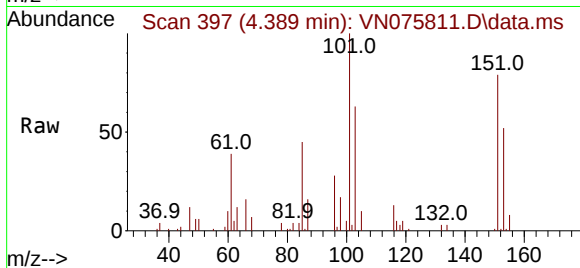
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.706 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion:101 Resp: 5694
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 78.9 65.6 98.4

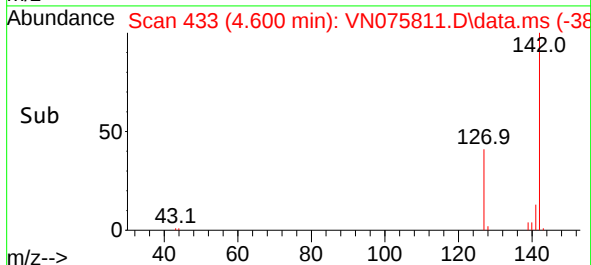
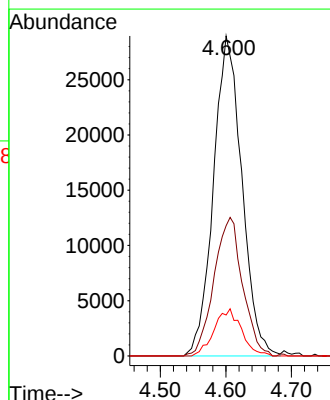
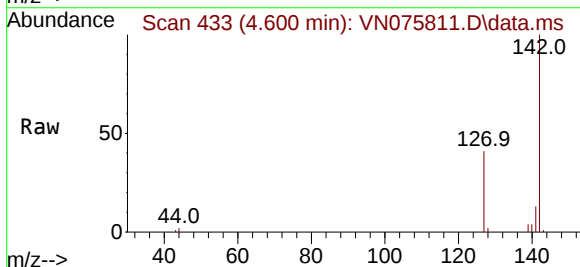
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#10
Methyl Iodide
Concen: 17.625 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion:142 Resp: 87073
Ion Ratio Lower Upper
142 100
127 43.5 34.7 52.1
141 14.2 11.4 17.2





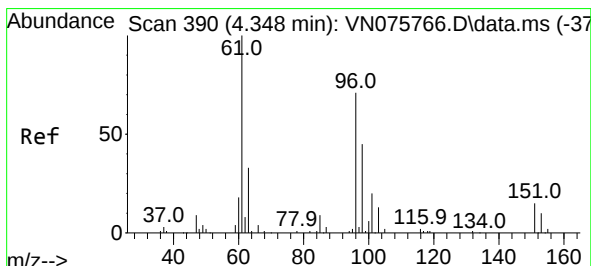
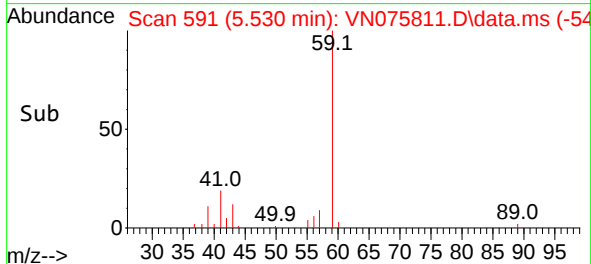
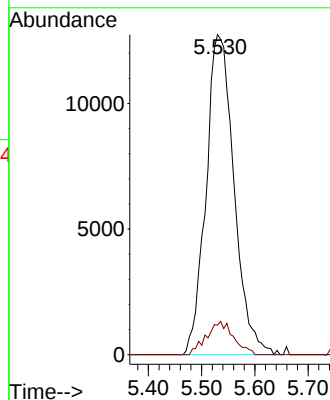
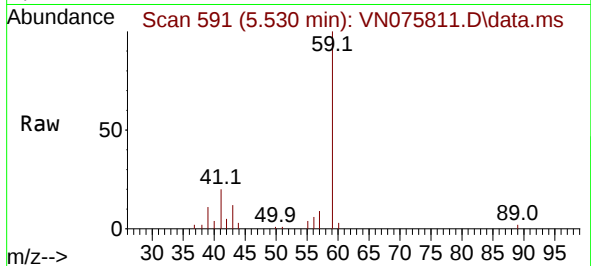
#11
Tert butyl alcohol
Concen: 90.698 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 59 Resp: 46574
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

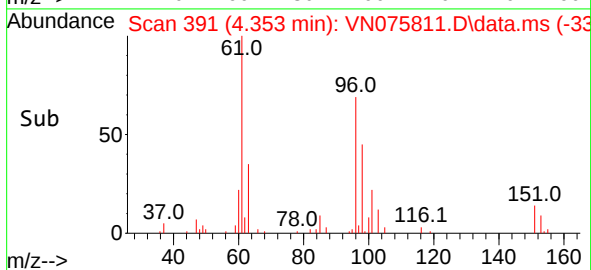
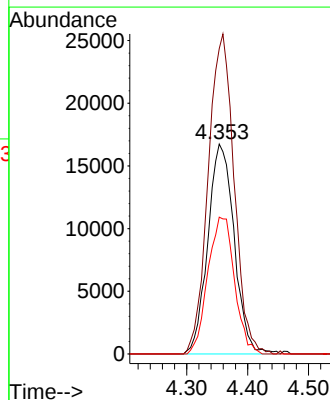
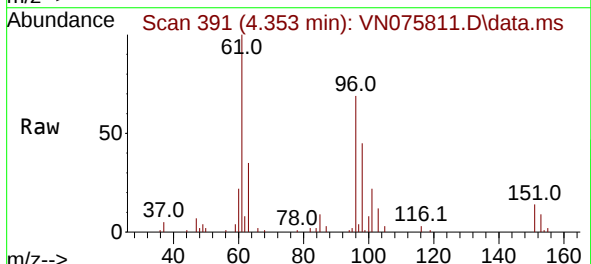
Manual Integrations
APPROVED

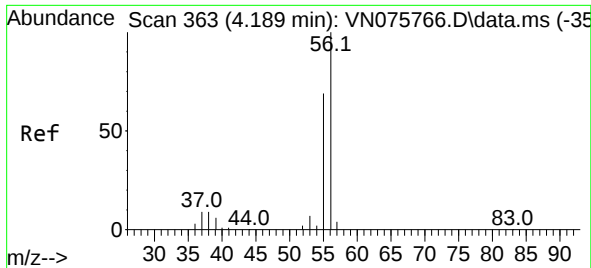
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#12
1,1-Dichloroethene
Concen: 17.030 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 96 Resp: 50348
Ion Ratio Lower Upper
96 100
61 145.4 113.3 169.9
98 65.2 50.9 76.3





#13

Acrolein

Concen: 121.649 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBS01

Tgt Ion: 56 Resp: 7658

Ion Ratio Lower Upper

56 100

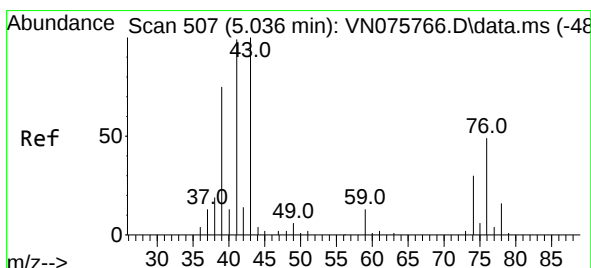
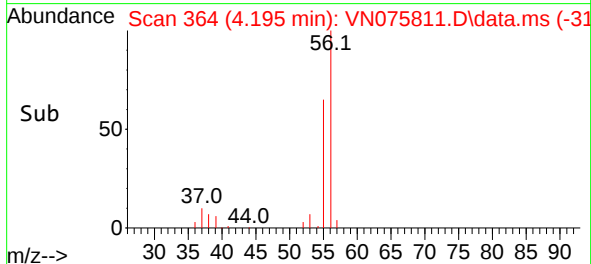
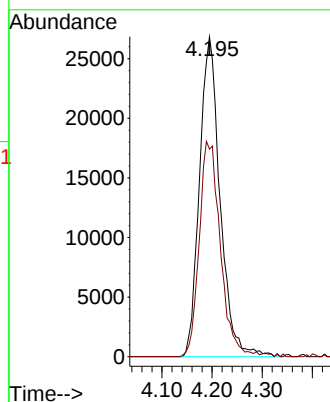
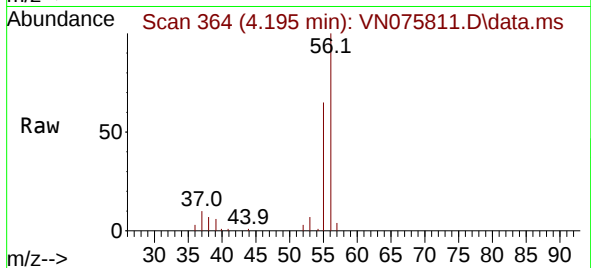
55 68.9 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#14

Allyl chloride

Concen: 17.420 ug/l

RT: 5.030 min Scan# 506

Delta R.T. -0.006 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

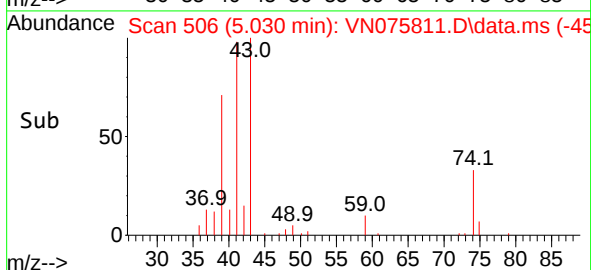
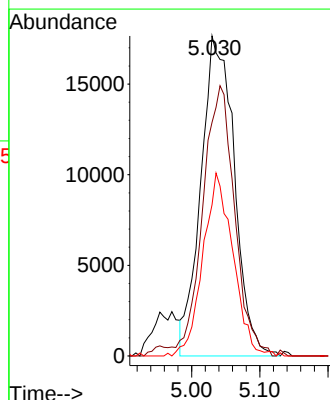
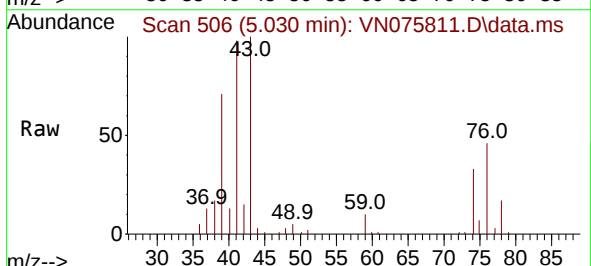
Tgt Ion: 41 Resp: 60206

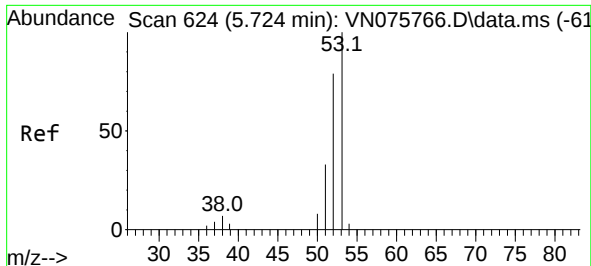
Ion Ratio Lower Upper

41 100

39 80.8 58.3 87.5

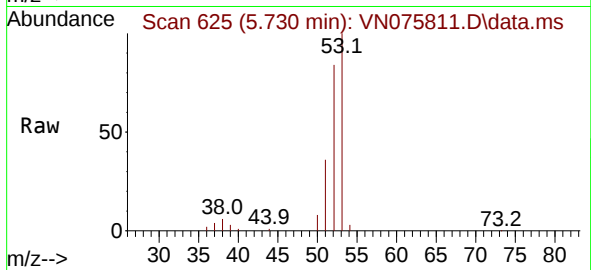
76 51.5 35.8 53.6





#15
Acrylonitrile
Concen: 93.715 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

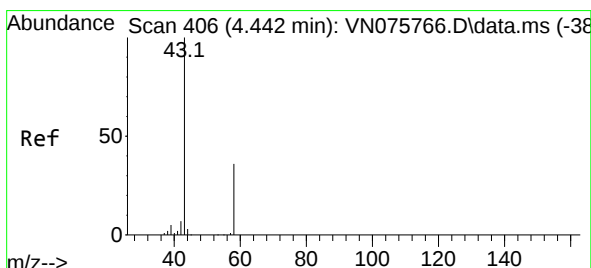
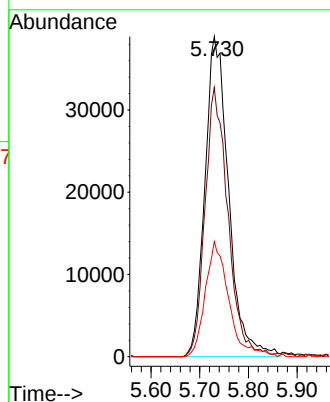
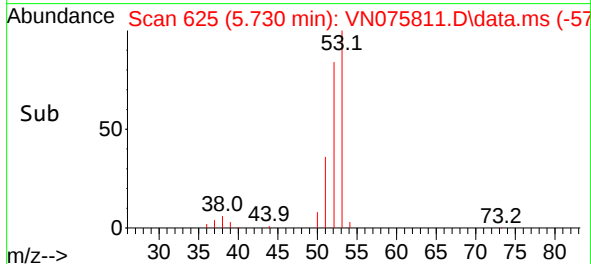
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



Tgt Ion: 53 Resp: 131329
Ion Ratio Lower Upper
53 100
52 80.9 65.4 98.0
51 35.5 28.9 43.3

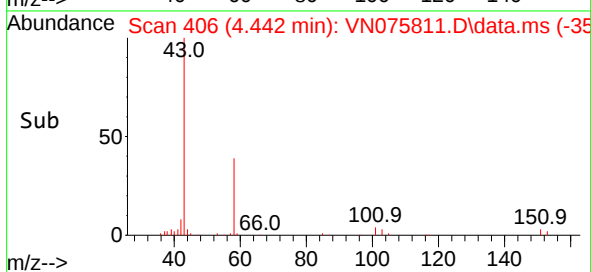
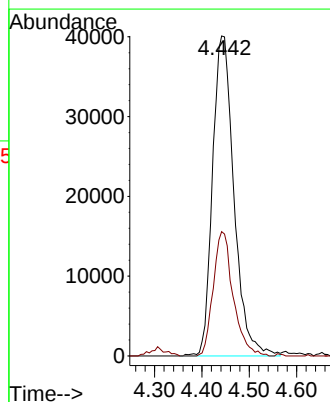
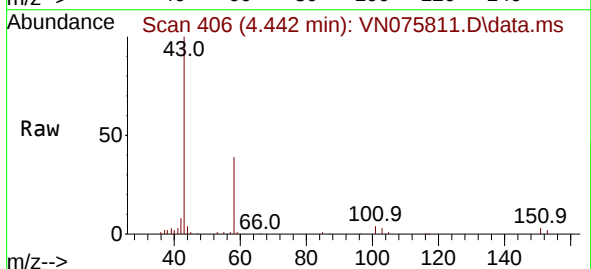
Manual Integrations
APPROVED

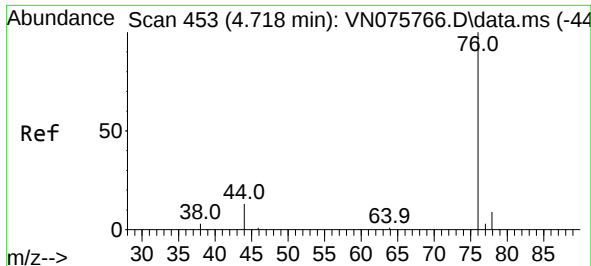
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#16
Acetone
Concen: 100.712 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 43 Resp: 125991
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0





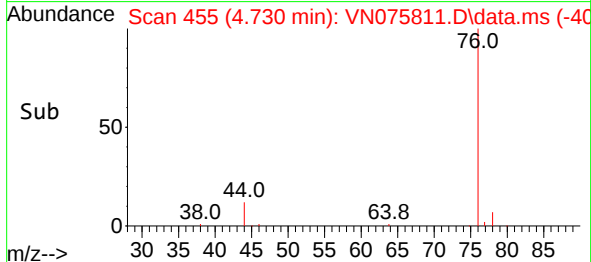
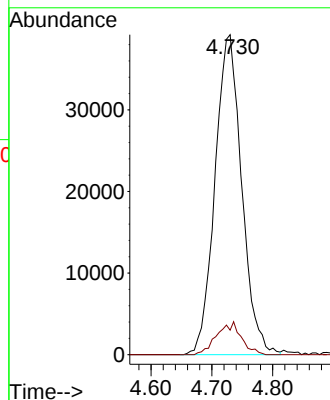
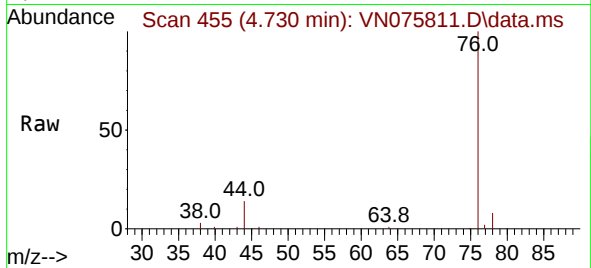
#17
Carbon Disulfide
Concen: 16.704 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 76 Resp: 11956
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2

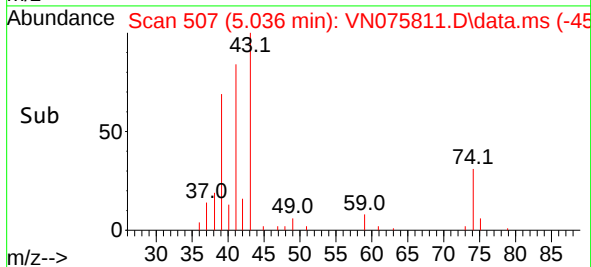
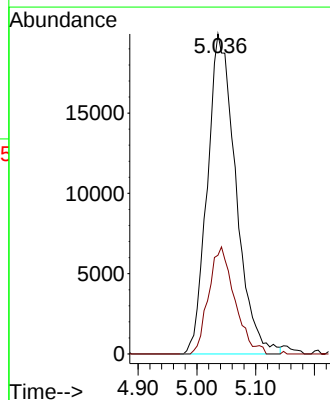
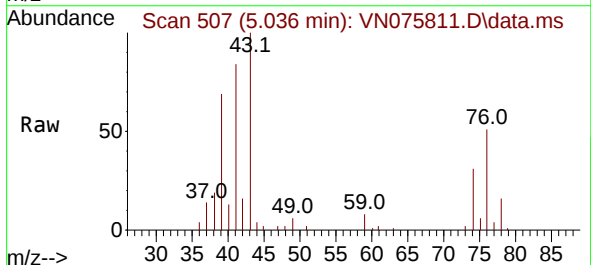
Manual Integrations
APPROVED

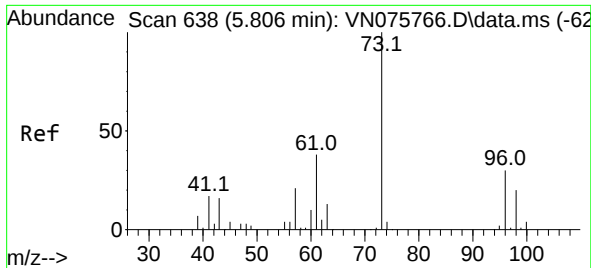
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#18
Methyl Acetate
Concen: 18.127 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 43 Resp: 67030
Ion Ratio Lower Upper
43 100
74 30.6 23.6 35.4





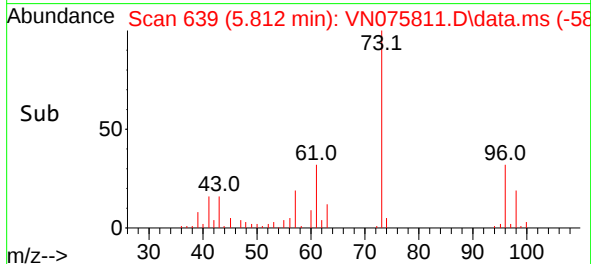
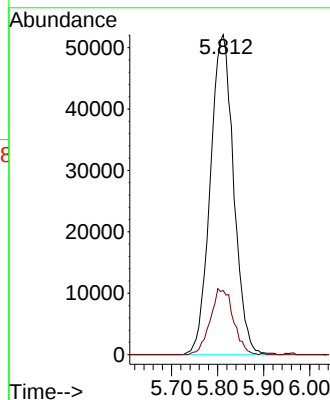
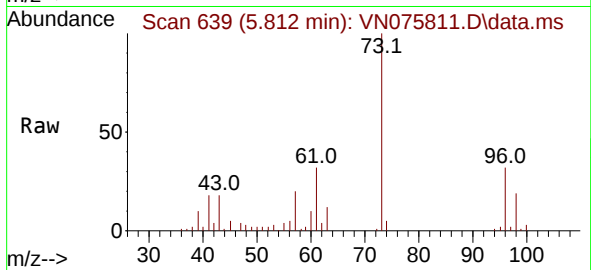
#19
Methyl tert-butyl Ether
Concen: 18.863 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 73 Resp: 18365
Ion Ratio Lower Upper
73 100
57 20.0 17.1 25.7

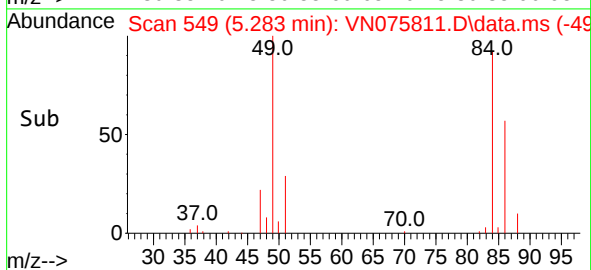
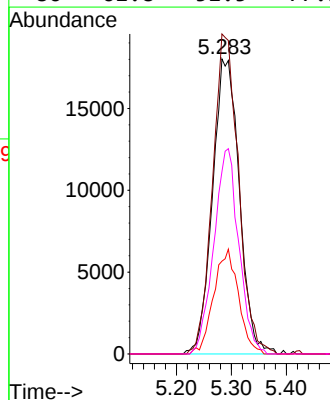
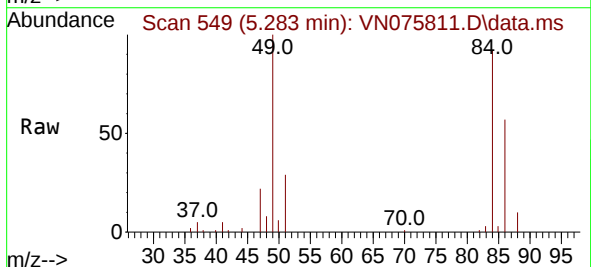
Manual Integrations
APPROVED

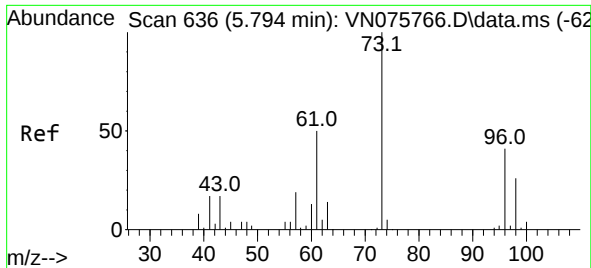
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#20
Methylene Chloride
Concen: 17.810 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 84 Resp: 60980
Ion Ratio Lower Upper
84 100
49 108.5 81.8 122.6
51 31.5 26.7 40.1
86 61.8 51.5 77.3





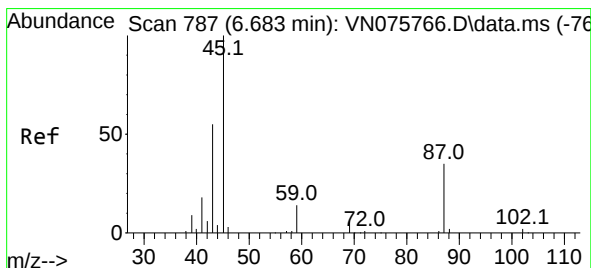
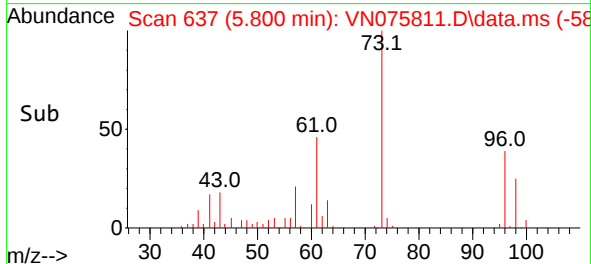
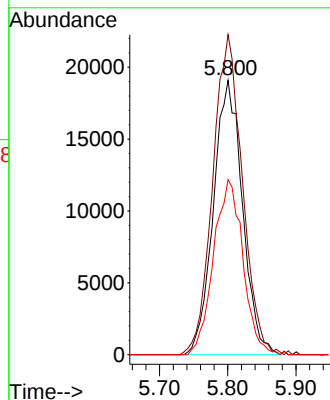
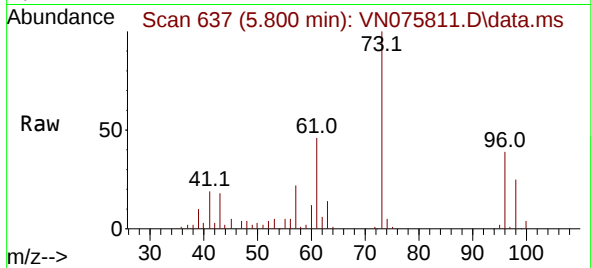
#21
trans-1,2-Dichloroethene
Concen: 17.451 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 96 Resp: 56502
Ion Ratio Lower Upper
96 100
61 116.6 98.1 147.1
98 63.8 51.4 77.2

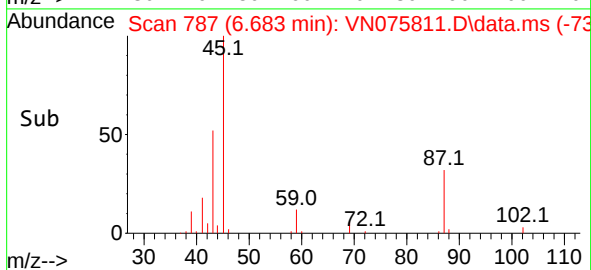
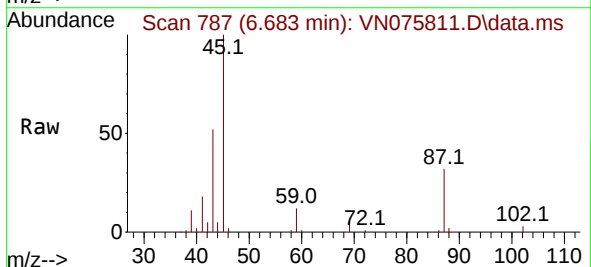
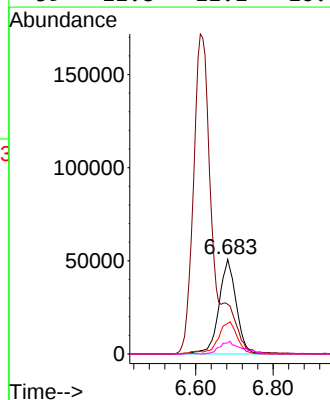
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#22
Diisopropyl ether
Concen: 18.690 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 45 Resp: 156918
Ion Ratio Lower Upper
45 100
43 51.5 44.2 66.4
87 32.3 28.3 42.5
59 11.8 11.1 16.7





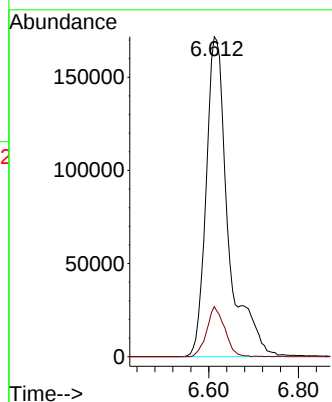
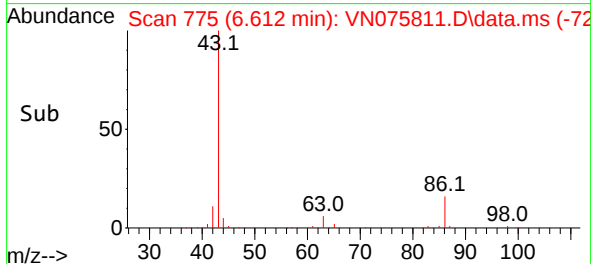
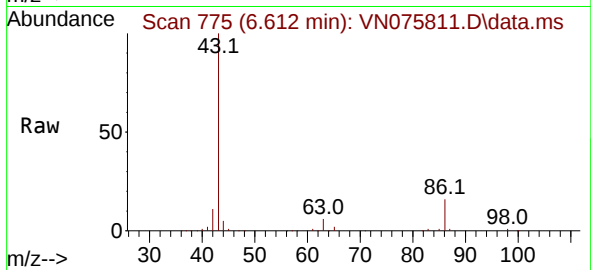
#23
 Vinyl Acetate
 Concen: 103.712 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

Tgt Ion: 43 Resp: 586070
 Ion Ratio Lower Upper
 43 100
 86 15.6 11.4 17.2

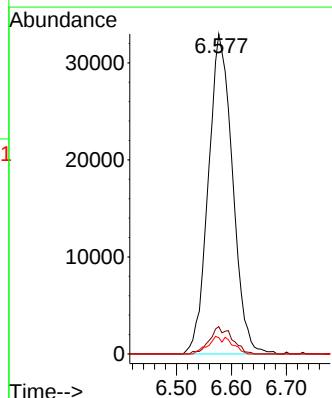
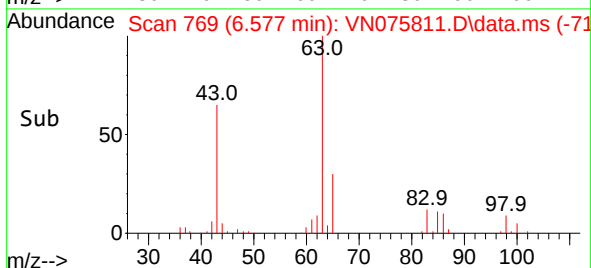
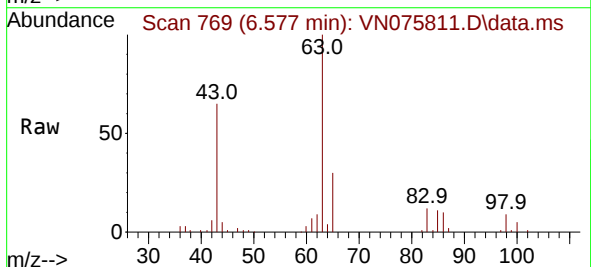
Manual Integrations
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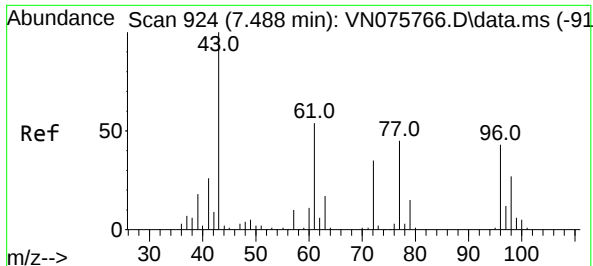
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022



#24
 1,1-Dichloroethane
 Concen: 18.011 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26

Tgt Ion: 63 Resp: 100851
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.5
 100 5.1 2.5 7.6





#25

2-Butanone

Concen: 97.193 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBS01

Tgt Ion: 43 Resp: 170240

Ion Ratio Lower Upper

43 100

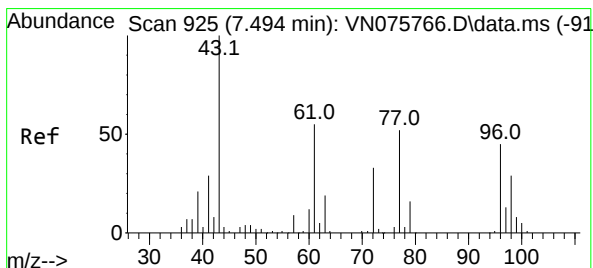
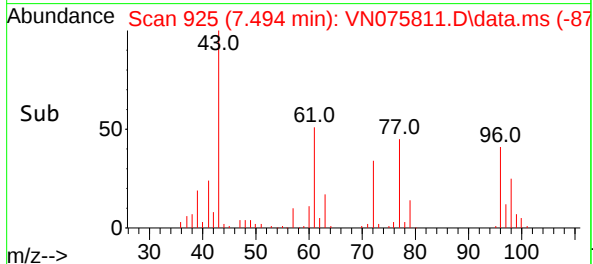
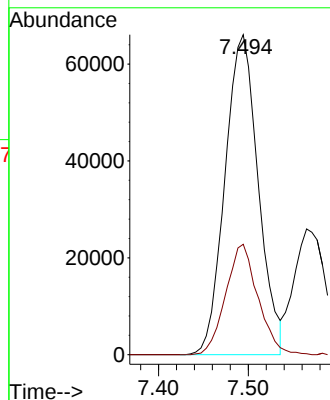
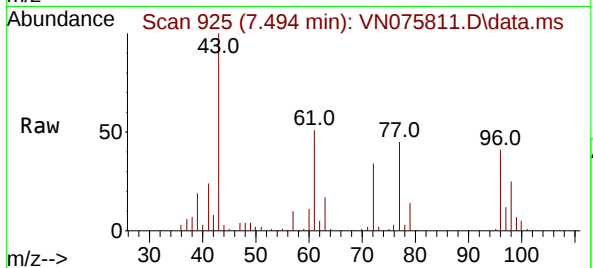
72 34.5 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#26

2,2-Dichloropropane

Concen: 18.364 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075811.D

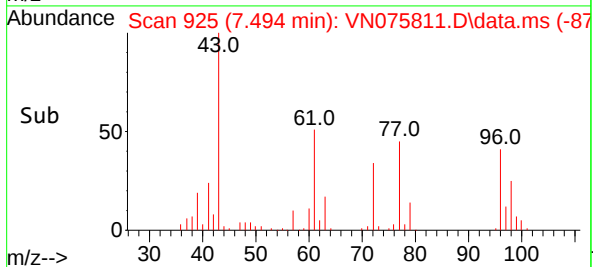
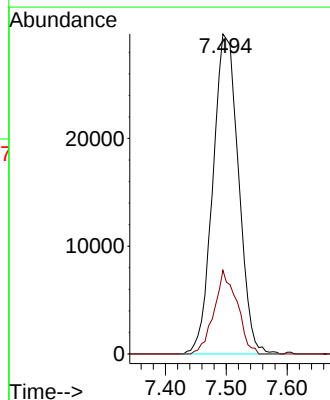
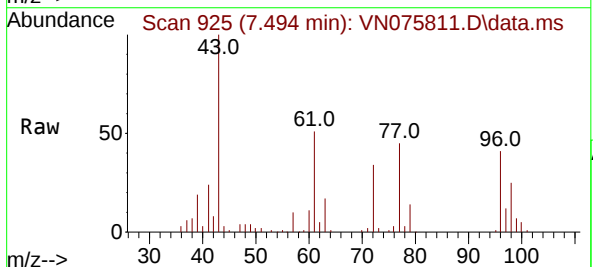
Acq: 15 Dec 2022 12:26

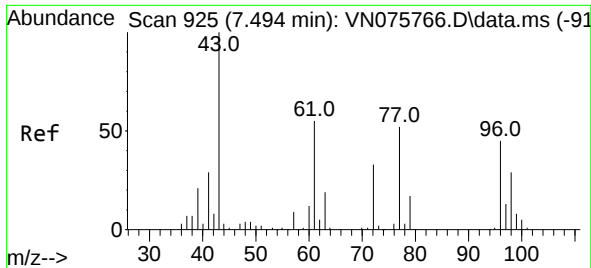
Tgt Ion: 77 Resp: 87078

Ion Ratio Lower Upper

77 100

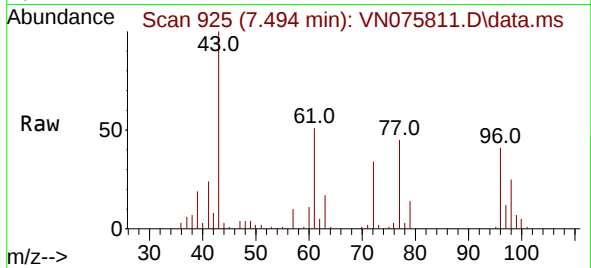
97 23.5 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.364 ug/l
 RT: 7.494 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26

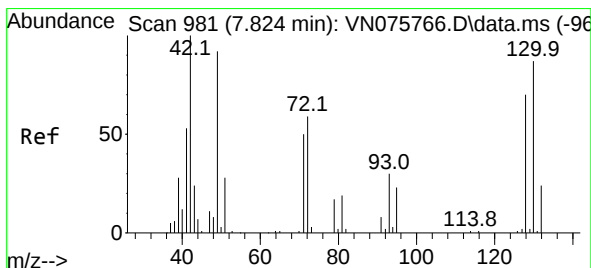
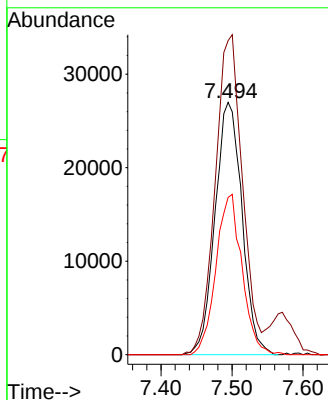
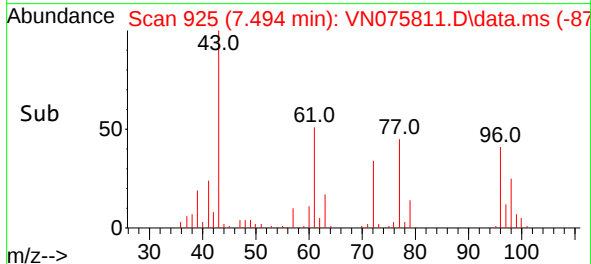
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01



Tgt Ion: 96 Resp: 7111
 Ion Ratio Lower Upper
 96 100
 61 127.8 0.0 247.8
 98 61.5 0.0 128.4

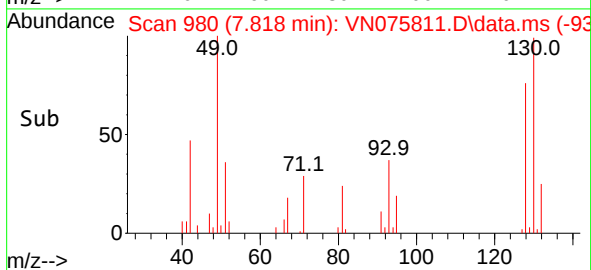
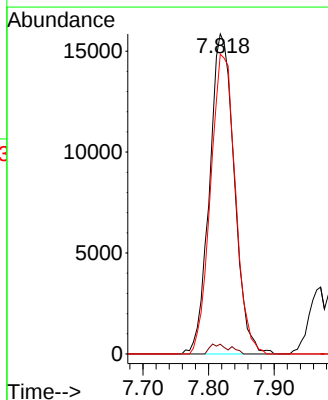
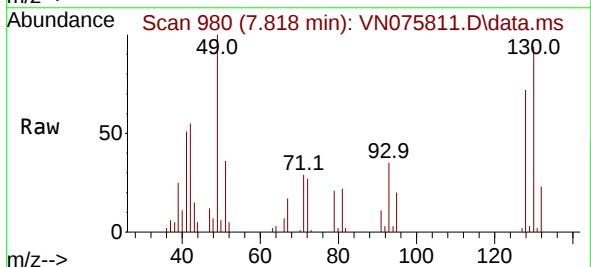
Manual Integrations
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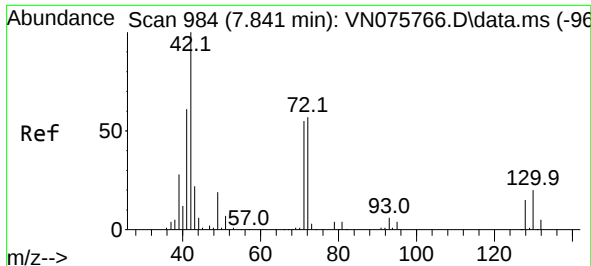
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022



#28
 Bromochloromethane
 Concen: 16.927 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26

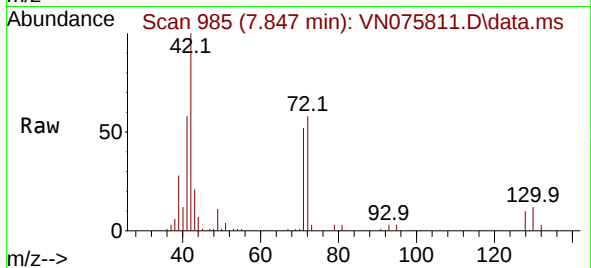
Tgt Ion: 49 Resp: 41541
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 5.0
 130 93.5 77.0 115.4





#29
Tetrahydrofuran
Concen: 95.637 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

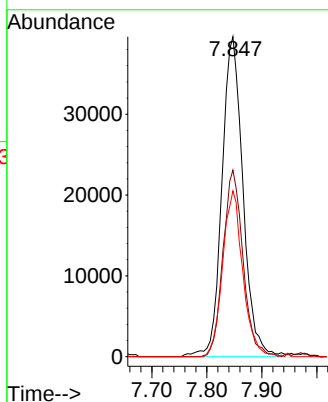
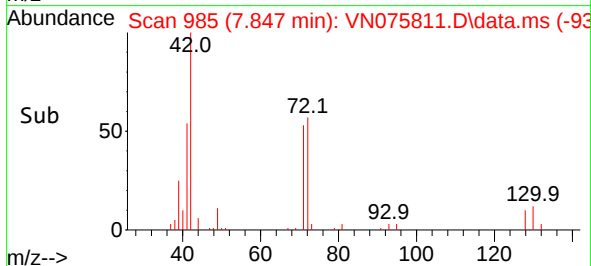
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



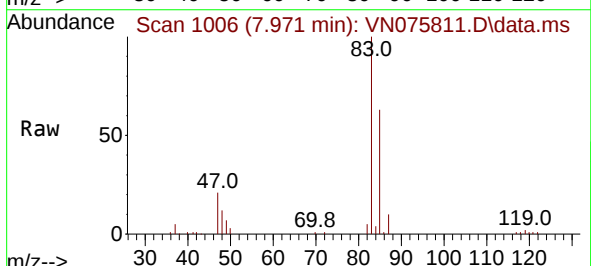
Tgt Ion: 42 Resp: 10498
Ion Ratio Lower Upper
42 100
72 55.5 44.5 66.7
71 49.8 41.0 61.6

Manual Integrations
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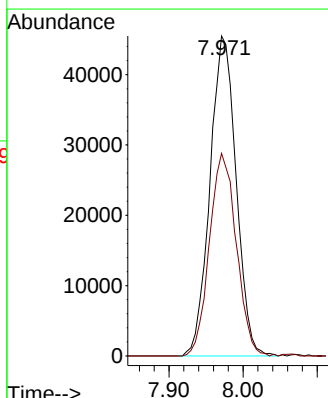
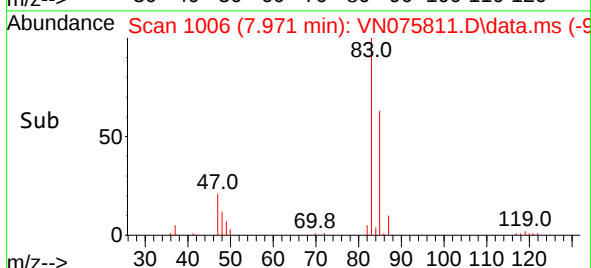
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

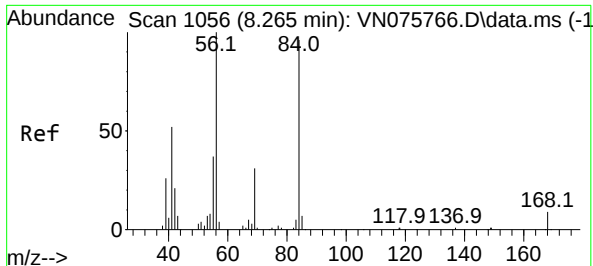


#30
Chloroform
Concen: 17.702 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26



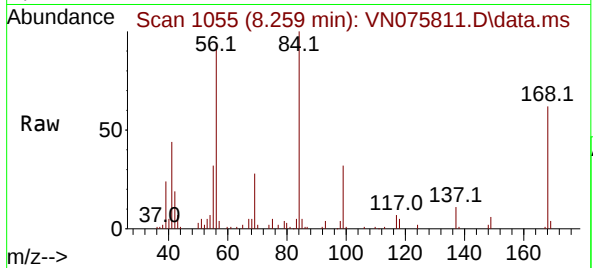
Tgt Ion: 83 Resp: 111597
Ion Ratio Lower Upper
83 100
85 63.3 49.1 73.7





#31
Cyclohexane
Concen: 17.862 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

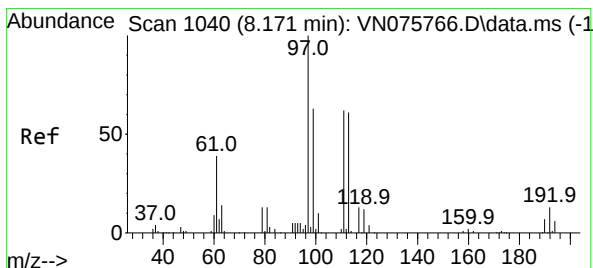
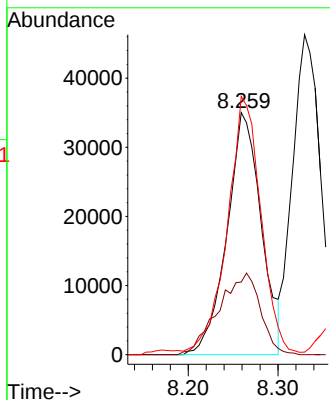
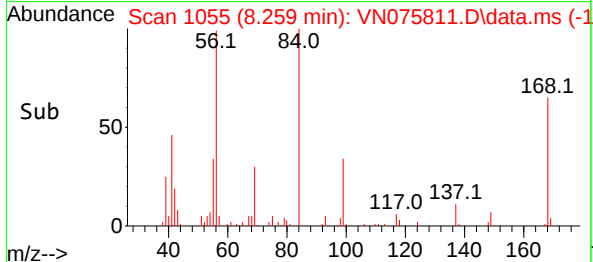
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



Tgt Ion: 56 Resp: 92834
Ion Ratio Lower Upper
56 100
69 30.0 24.7 37.1
84 104.9 76.5 114.7

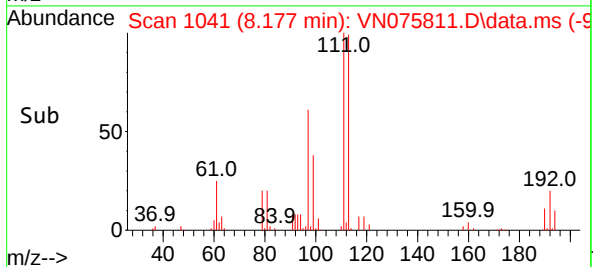
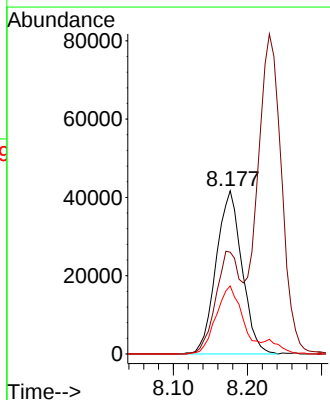
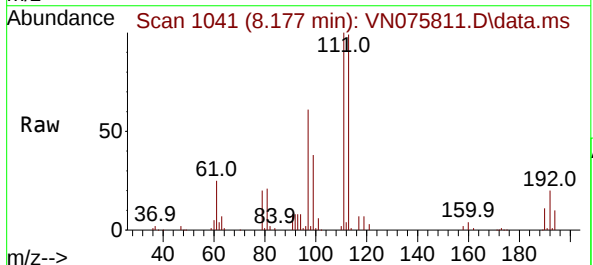
Manual Integrations
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Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#32
1,1,1-Trichloroethane
Concen: 18.096 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 97 Resp: 101140
Ion Ratio Lower Upper
97 100
99 60.4 50.2 75.2
61 43.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 51.520 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBS01

Tgt Ion: 65 Resp: 186970

Ion Ratio Lower Upper

65 100

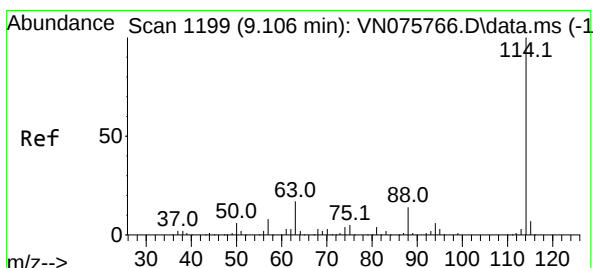
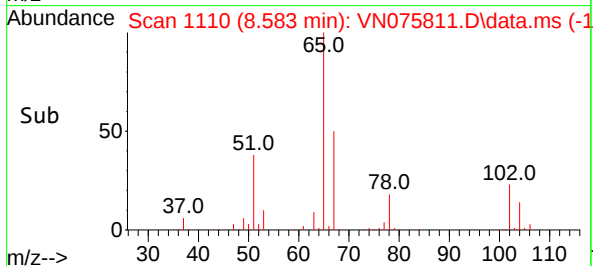
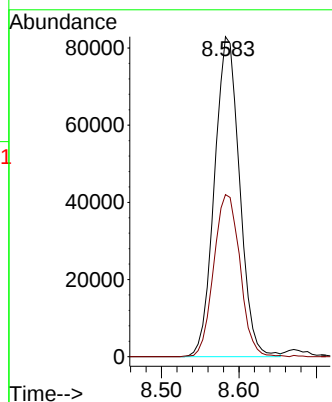
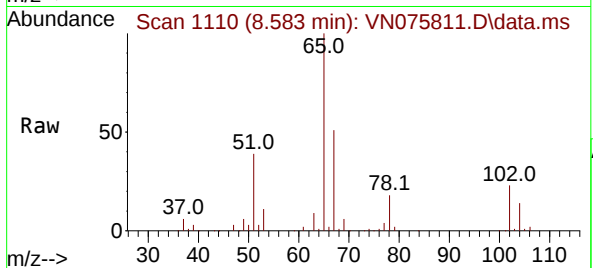
67 52.8 0.0 103.4

Manual Integrations

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Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

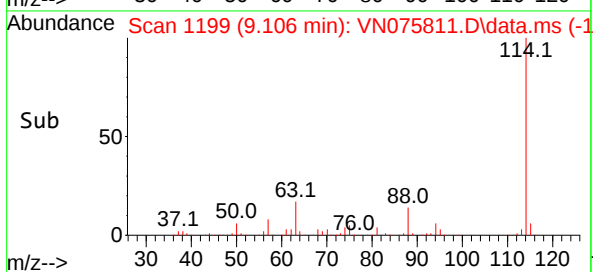
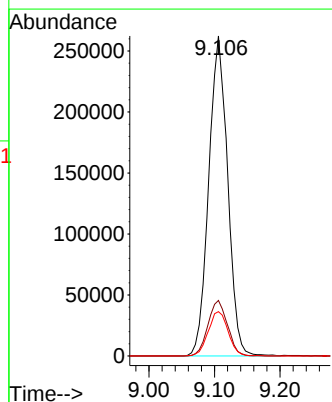
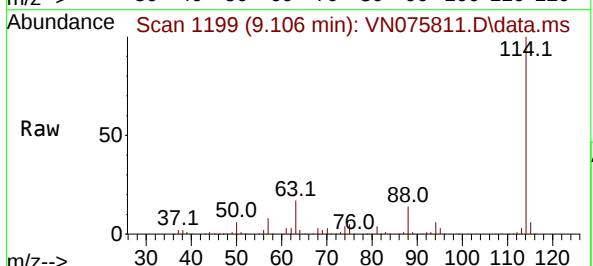
Tgt Ion:114 Resp: 526042

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 13.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.286 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBS01

Tgt Ion:113 Resp: 17033

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

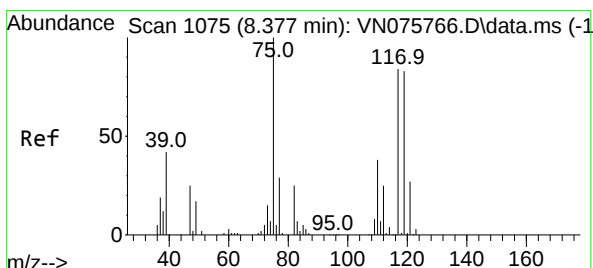
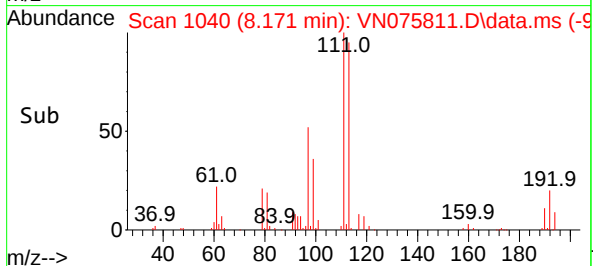
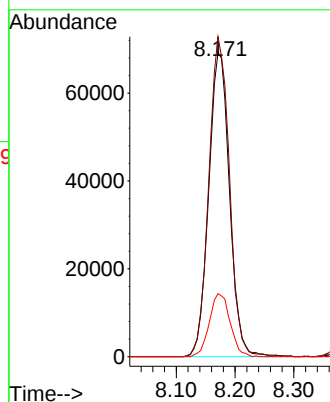
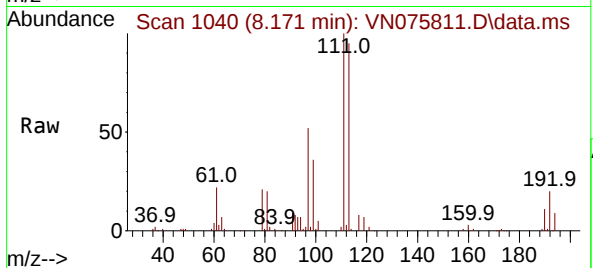
192 20.7 16.1 24.1

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Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#36

1,1-Dichloropropene

Concen: 18.576 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

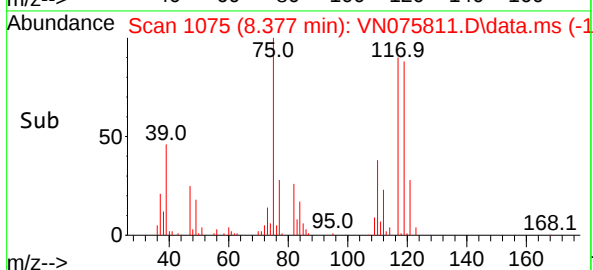
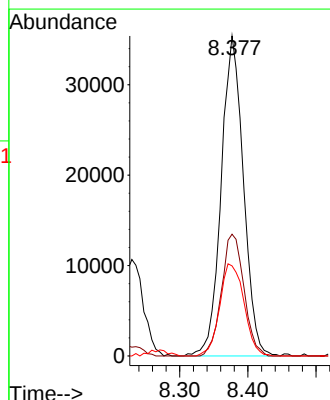
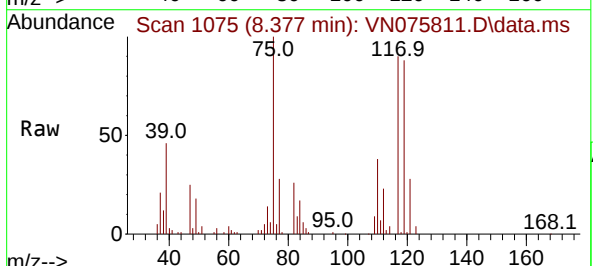
Tgt Ion: 75 Resp: 80389

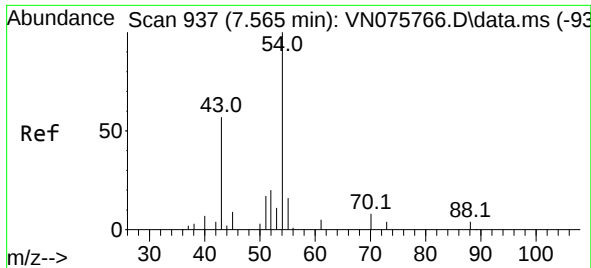
Ion Ratio Lower Upper

75 100

110 38.5 18.8 56.4

77 31.4 24.1 36.1





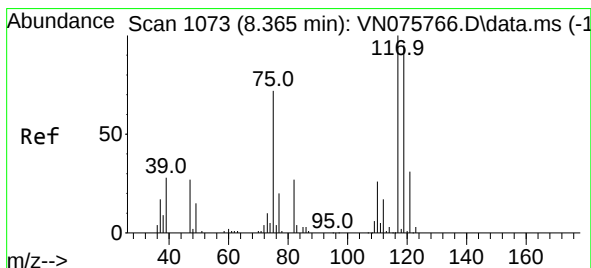
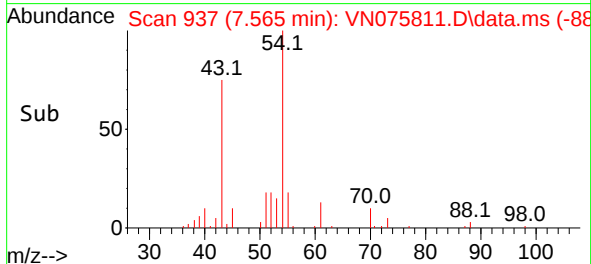
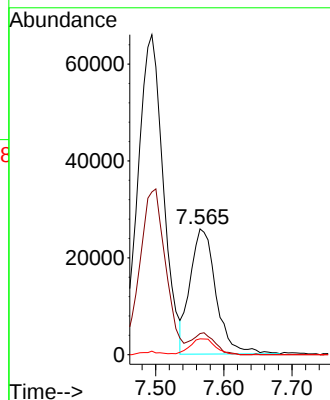
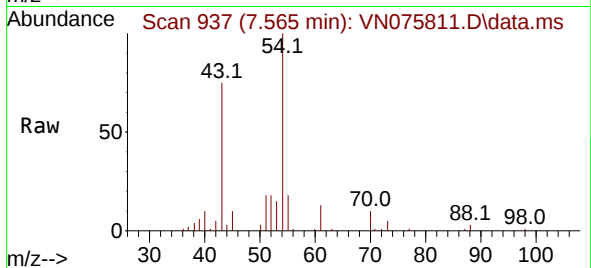
#37
Ethyl Acetate
Concen: 19.585 ug/l
RT: 7.565 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 43 Resp: 6807
Ion Ratio Lower Upper
43 100
61 14.5 13.0 19.4
70 12.3 9.4 14.0

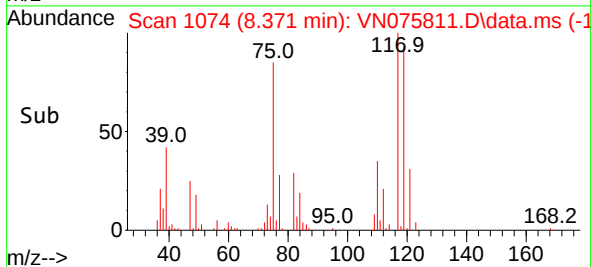
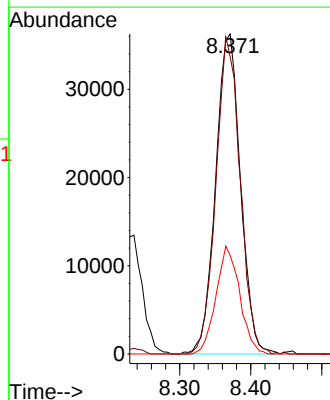
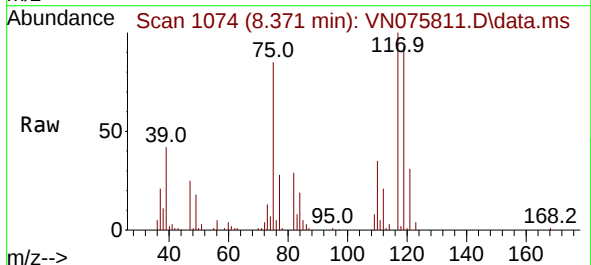
Manual Integrations
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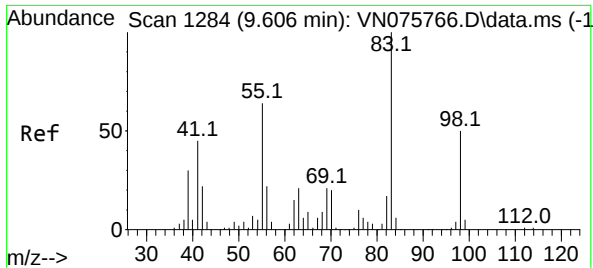
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#38
Carbon Tetrachloride
Concen: 18.202 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion:117 Resp: 88160
Ion Ratio Lower Upper
117 100
119 93.0 76.1 114.1
121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 19.636 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.000 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBS01

Tgt Ion: 83 Resp: 102510

Ion Ratio Lower Upper

83 100

55 61.6 51.4 77.0

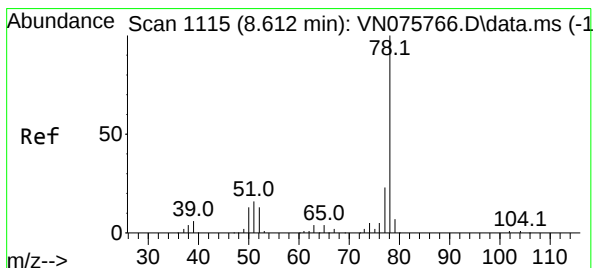
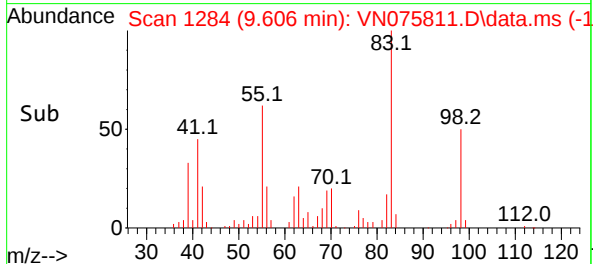
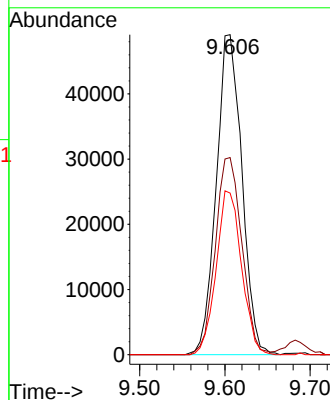
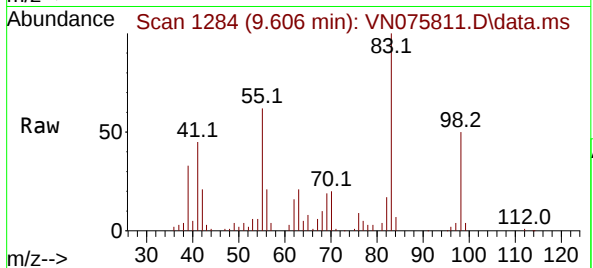
98 50.5 39.8 59.8

Manual Integrations

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Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#40

Benzene

Concen: 18.276 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075811.D

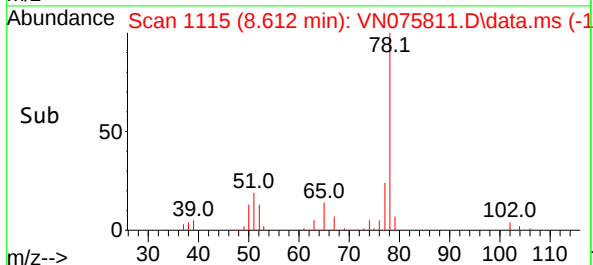
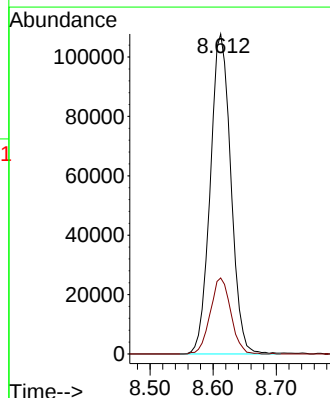
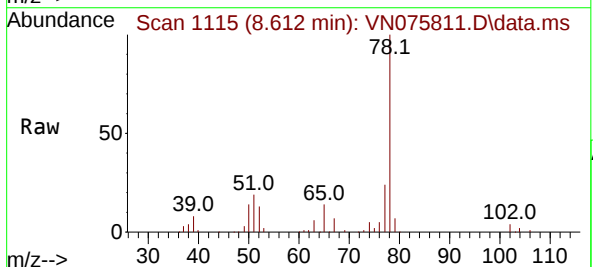
Acq: 15 Dec 2022 12:26

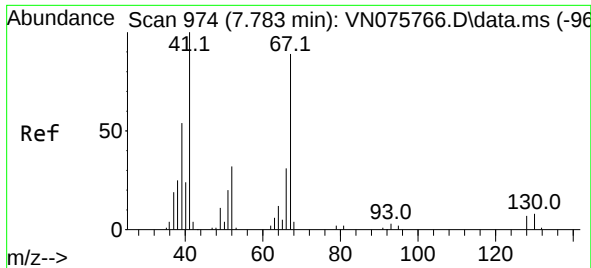
Tgt Ion: 78 Resp: 244022

Ion Ratio Lower Upper

78 100

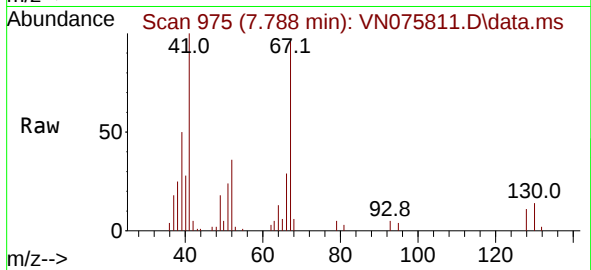
77 23.8 18.5 27.7





#41
Methacrylonitrile
Concen: 19.132 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

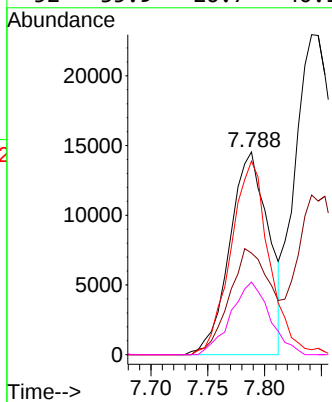
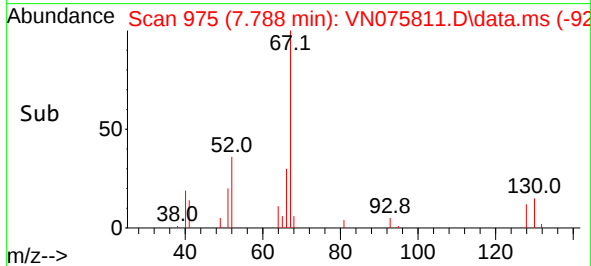
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



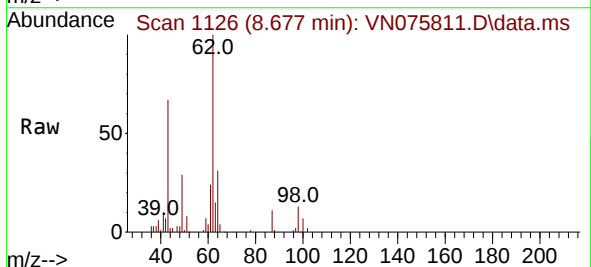
Tgt Ion: 41 Resp: 3456
Ion Ratio Lower Upper
41 100
39 55.0 43.1 64.7
67 94.7 70.7 106.1
52 35.9 26.7 40.1

Manual Integrations
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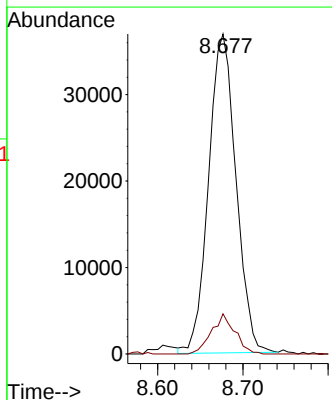
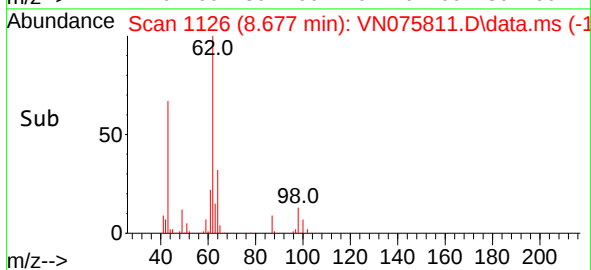
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

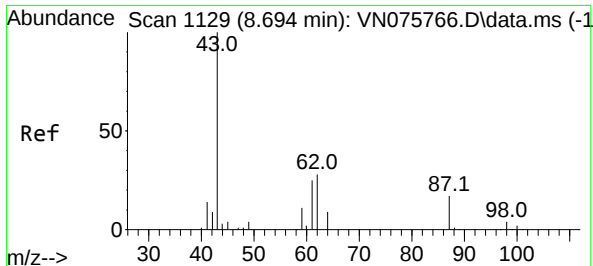


#42
1,2-Dichloroethane
Concen: 18.560 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26



Tgt Ion: 62 Resp: 82387
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.8





#43

Isopropyl Acetate

Concen: 19.608 ug/l

RT: 8.694 min Scan# 112430

Delta R.T. 0.000 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBS01

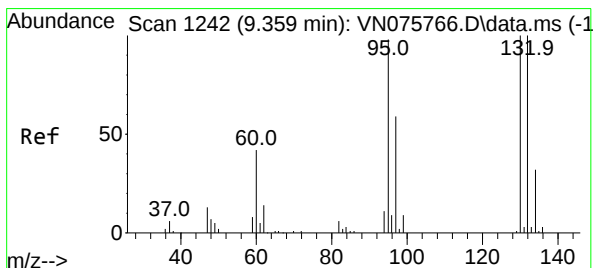
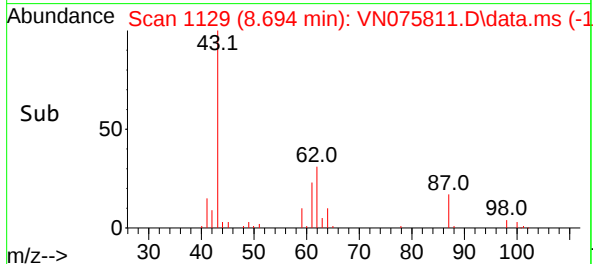
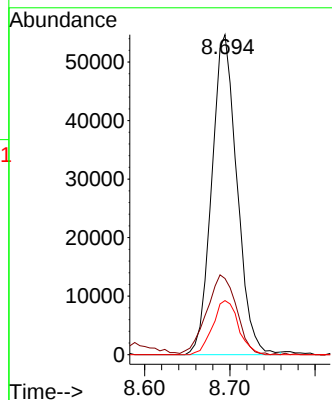
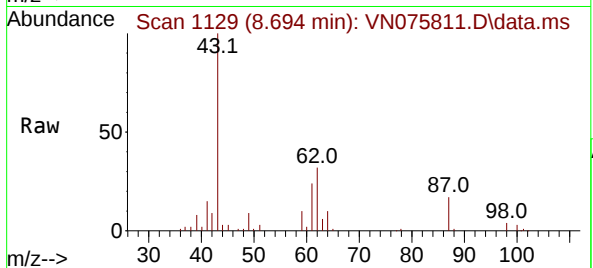
Tgt Ion:	43	Resp:	112430
Ion	Ratio	Lower	Upper
43	100		
61	29.5	24.2	36.4
87	17.3	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#44

Trichloroethene

Concen: 17.544 ug/l

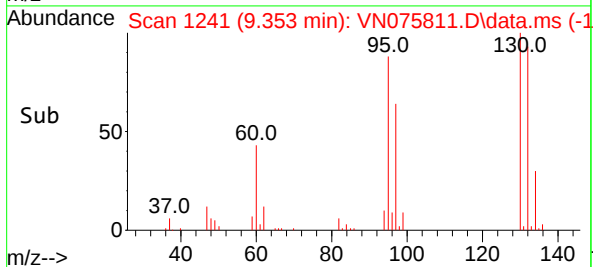
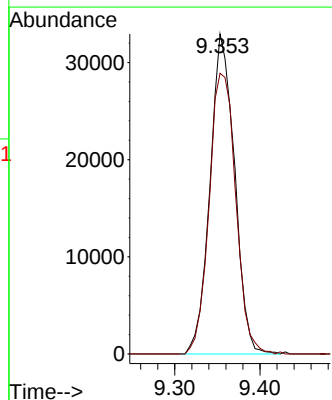
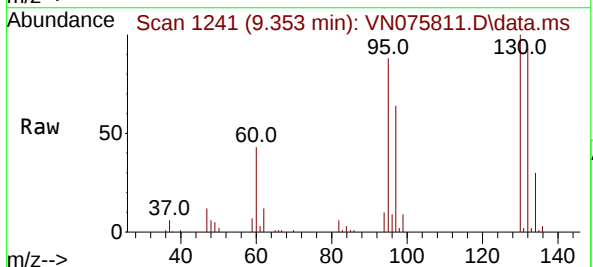
RT: 9.353 min Scan# 1241

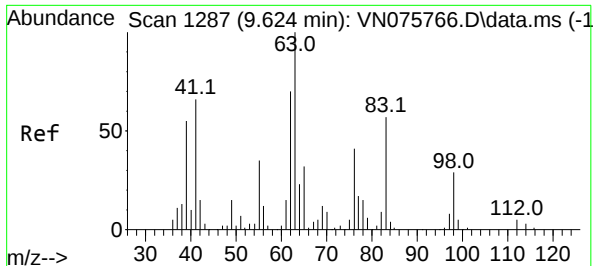
Delta R.T. -0.006 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

Tgt Ion:	130	Resp:	65990
Ion	Ratio	Lower	Upper
130	100		
95	87.7	0.0	195.4





#45

1,2-Dichloropropane

Concen: 18.374 ug/l

RT: 9.630 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBS01

Tgt Ion: 63 Resp: 5970

Ion Ratio Lower Upper

63 100

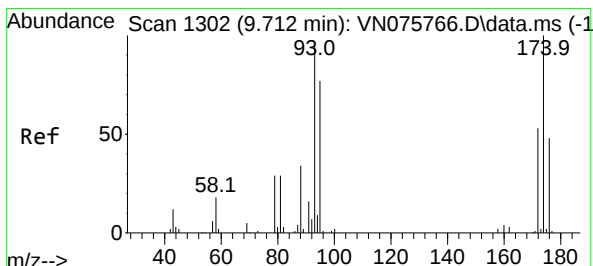
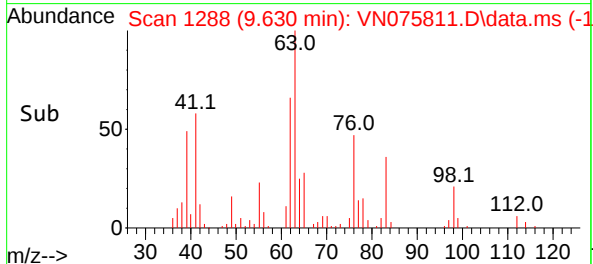
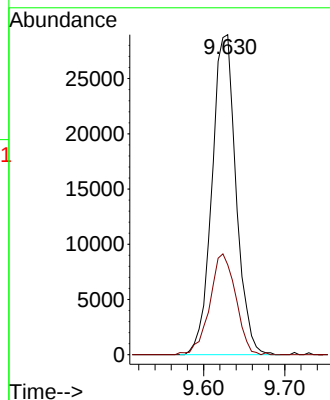
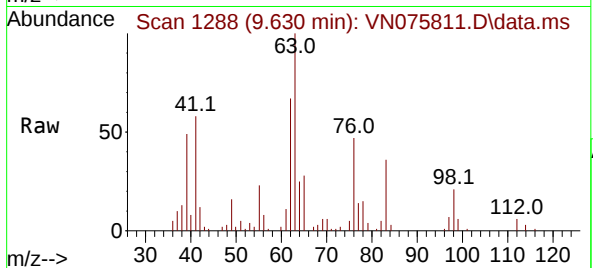
65 28.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#46

Dibromomethane

Concen: 18.326 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

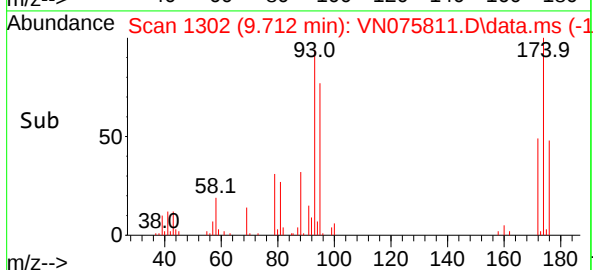
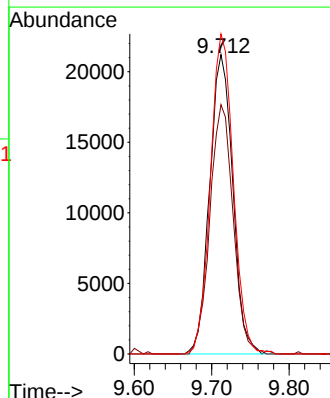
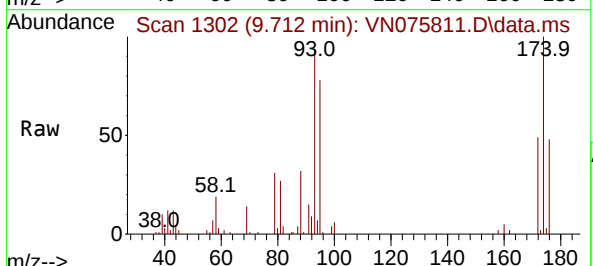
Tgt Ion: 93 Resp: 44163

Ion Ratio Lower Upper

93 100

95 83.5 65.2 97.8

174 105.8 82.4 123.6





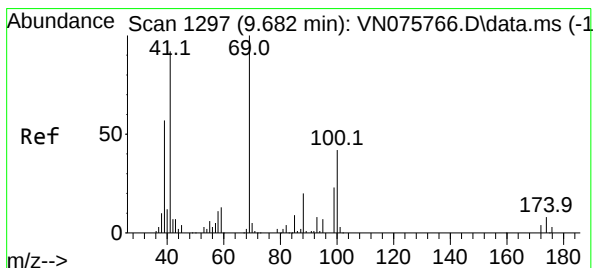
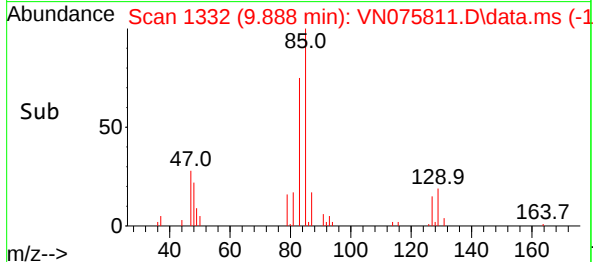
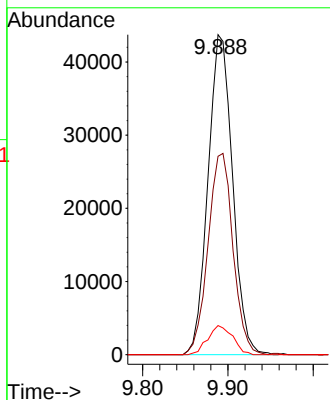
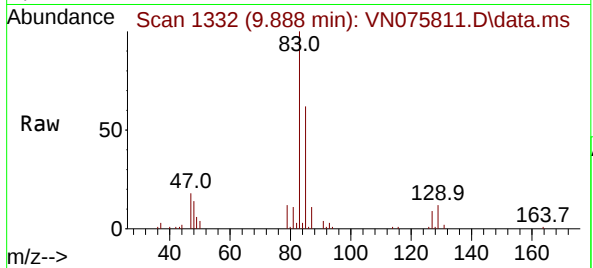
#47
Bromodichloromethane
Concen: 18.485 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 83 Resp: 87350
Ion Ratio Lower Upper
83 100
85 62.0 51.5 77.3
127 9.1 6.6 10.0

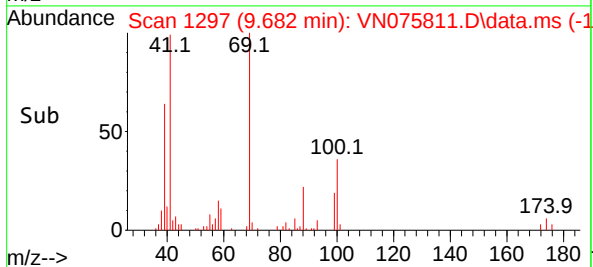
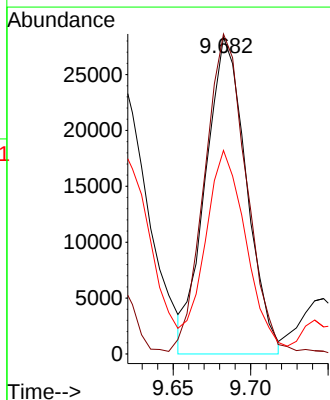
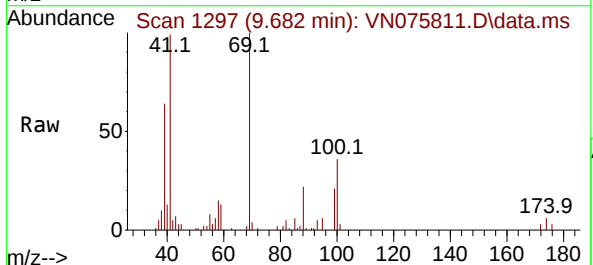
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#48
Methyl methacrylate
Concen: 20.166 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 41 Resp: 52081
Ion Ratio Lower Upper
41 100
69 104.0 81.9 122.9
39 65.3 51.6 77.4





#49

1,4-Dioxane

Concen: 381.568 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBS01

Tgt Ion: 88 Resp: 24220

Ion Ratio Lower Upper

88 100

43 18.1 17.1 25.7

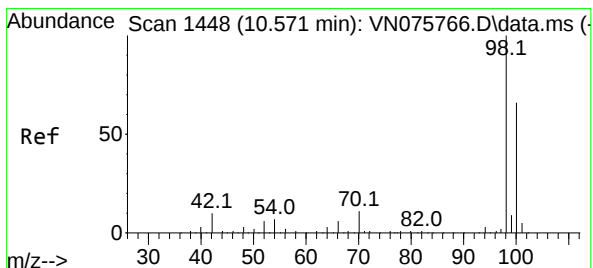
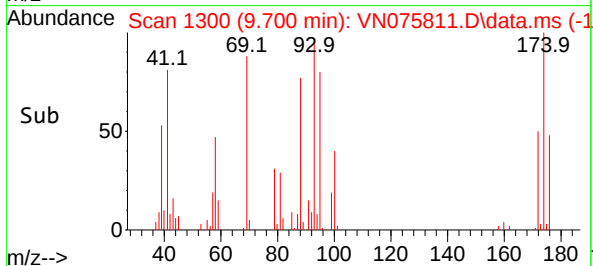
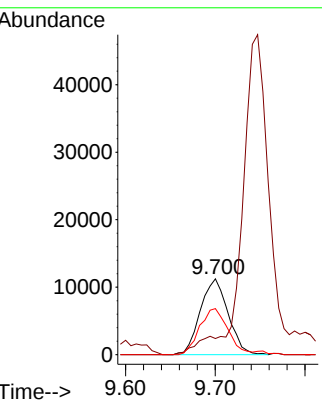
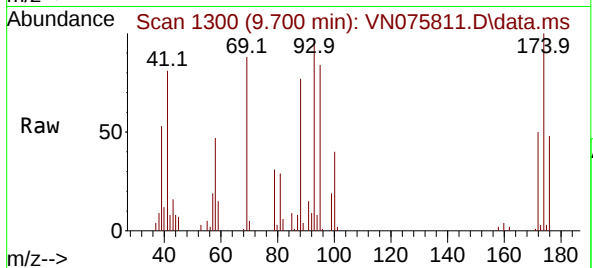
58 61.7 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#50

Toluene-d8

Concen: 53.333 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075811.D

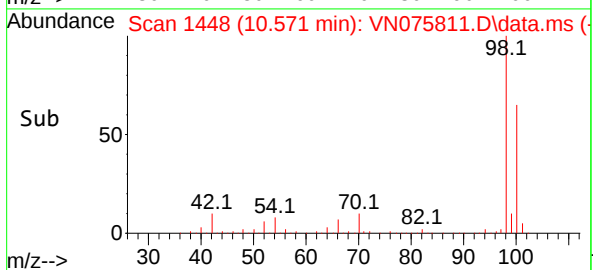
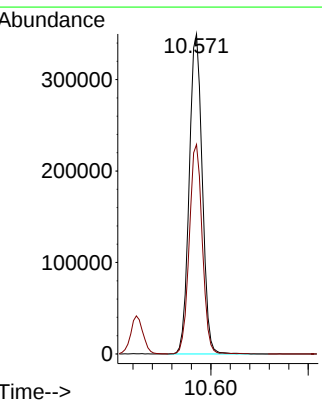
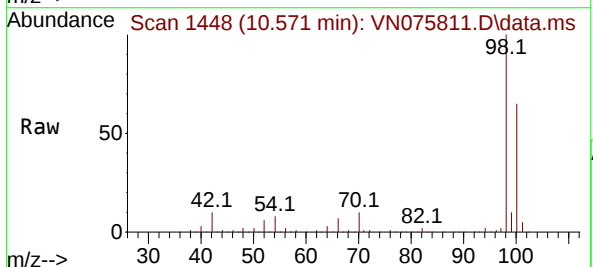
Acq: 15 Dec 2022 12:26

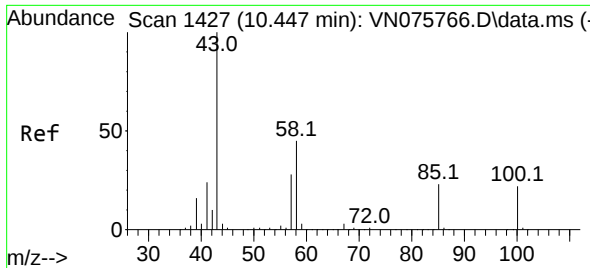
Tgt Ion: 98 Resp: 649607

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1





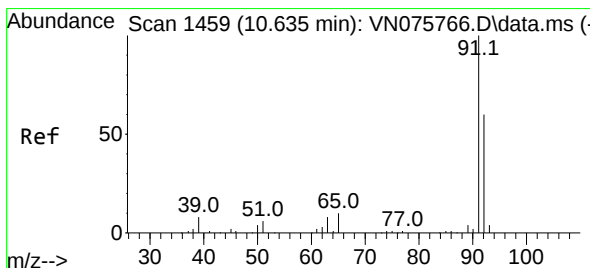
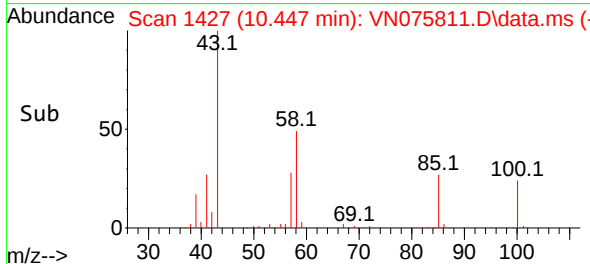
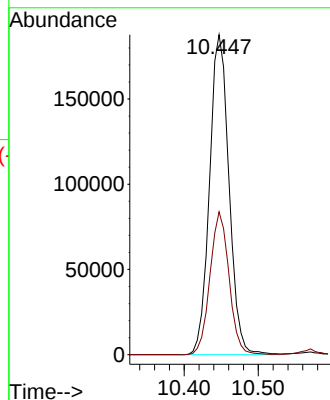
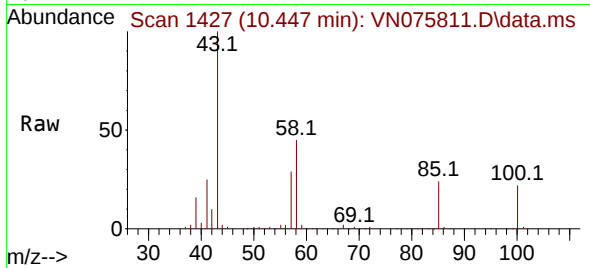
#51
4-Methyl-2-Pentanone
Concen: 98.758 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 43 Resp: 342464
Ion Ratio Lower Upper
43 100
58 43.7 35.5 53.3

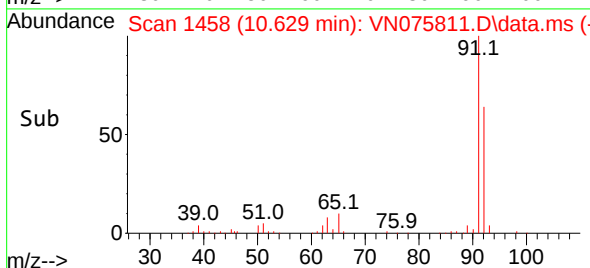
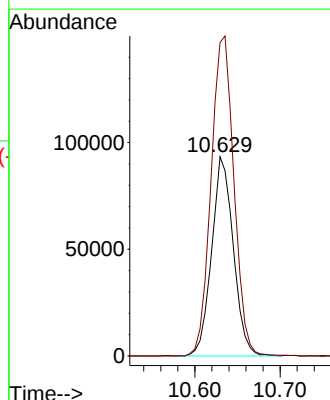
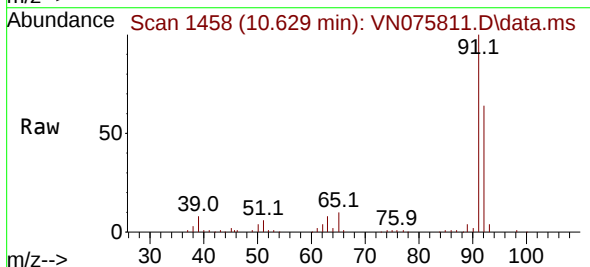
Manual Integrations
APPROVED

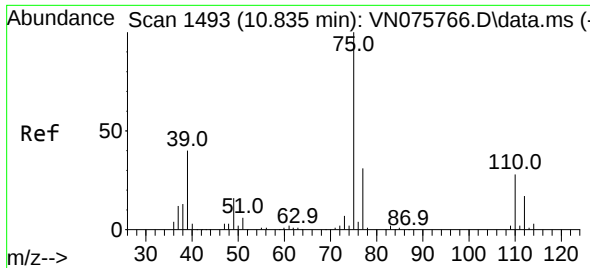
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#52
Toluene
Concen: 18.957 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 92 Resp: 164846
Ion Ratio Lower Upper
92 100
91 169.9 137.3 205.9





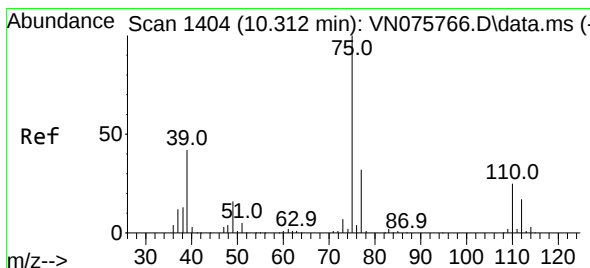
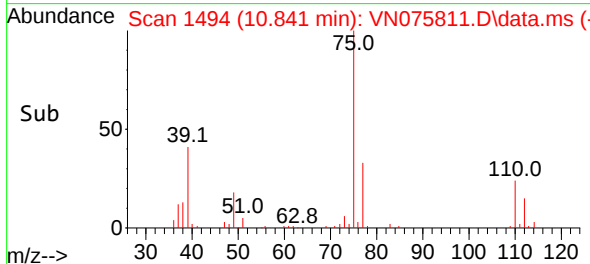
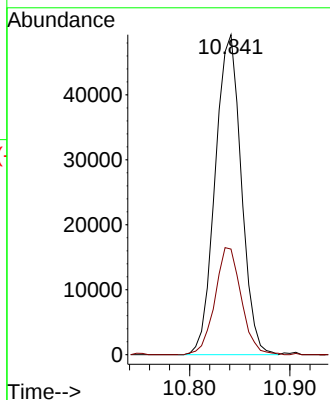
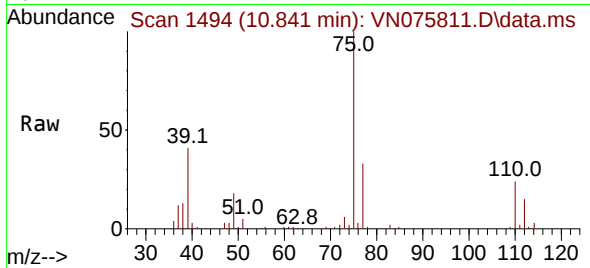
#53
 t-1,3-Dichloropropene
 Concen: 19.195 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01

Tgt Ion: 75 Resp: 88790
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.9 37.3

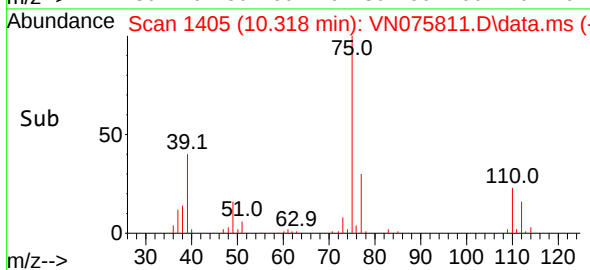
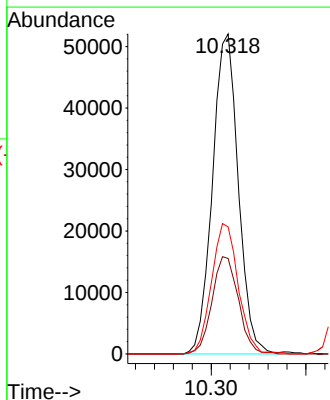
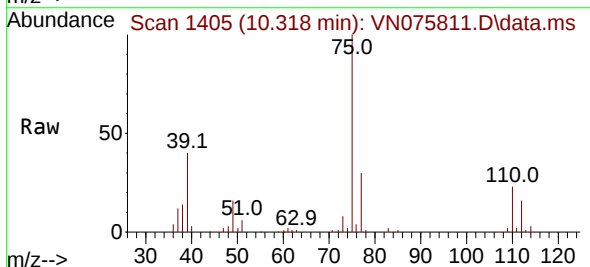
Manual Integrations
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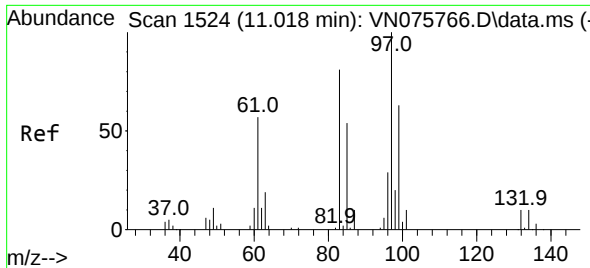
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.385 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26

Tgt Ion: 75 Resp: 98461
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.8 38.8
 39 39.7 33.4 50.2





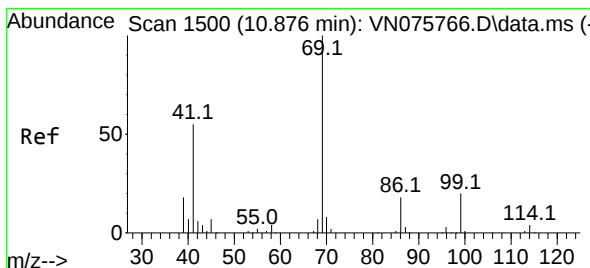
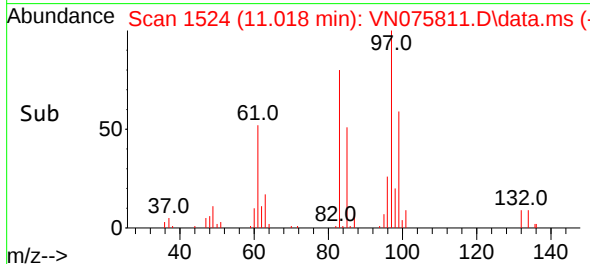
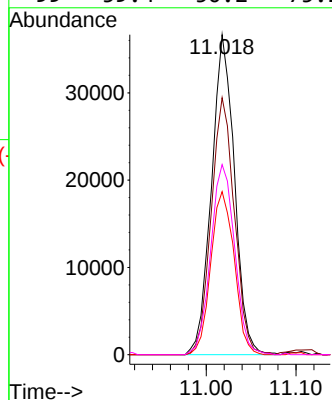
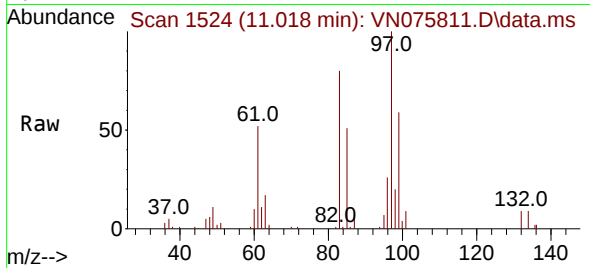
#55
1,1,2-Trichloroethane
Concen: 19.080 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 97	Resp: 6512
Ion Ratio	Lower Upper
97 100	
83 80.3	65.0 97.4
85 51.0	43.0 64.6
99 59.4	50.2 75.2

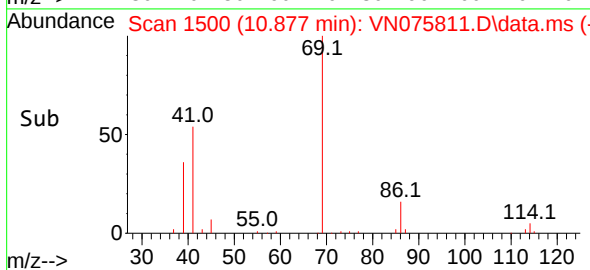
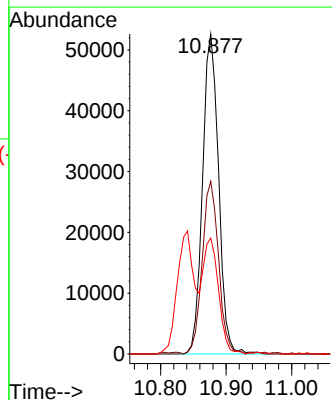
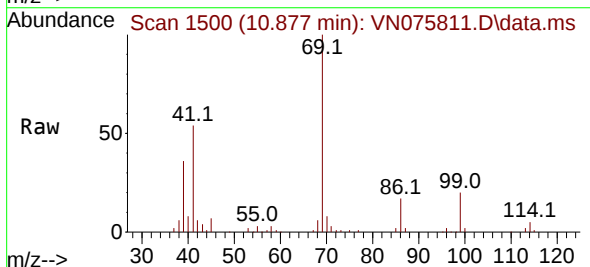
Manual Integrations
APPROVED

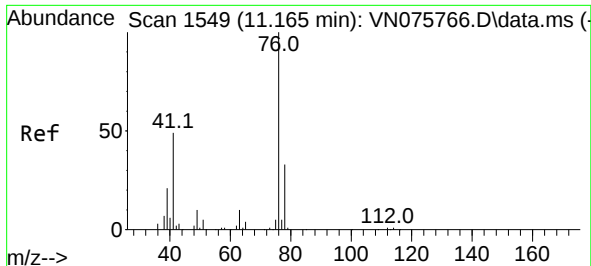
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#56
Ethyl methacrylate
Concen: 19.795 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

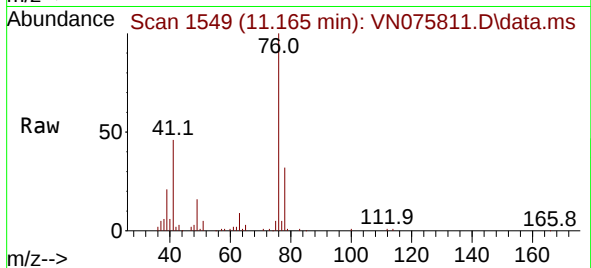
Tgt Ion: 69	Resp: 89740
Ion Ratio	Lower Upper
69 100	
41 55.0	44.2 66.4
39 34.5	26.4 39.6





#57
1,3-Dichloropropane
Concen: 18.732 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

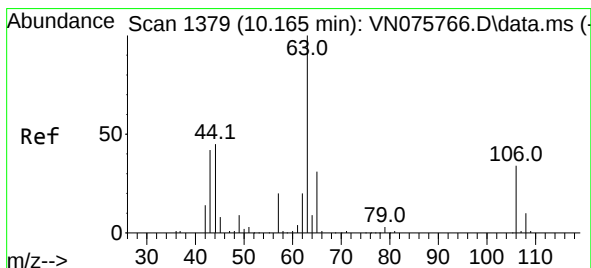
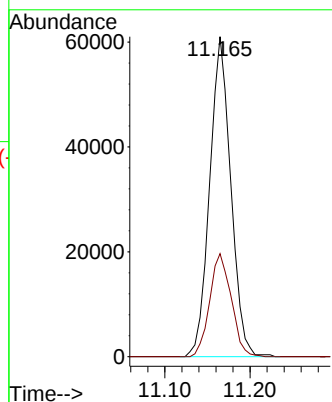
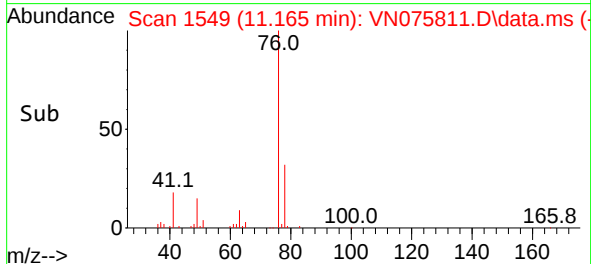
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



Tgt Ion: 76 Resp: 104872
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.2

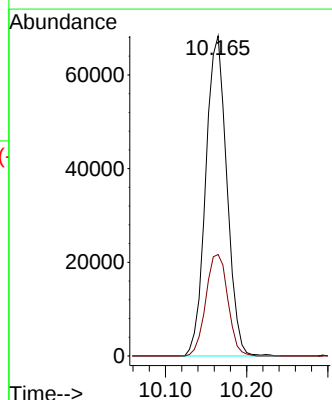
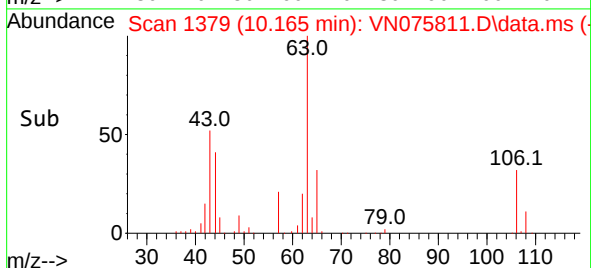
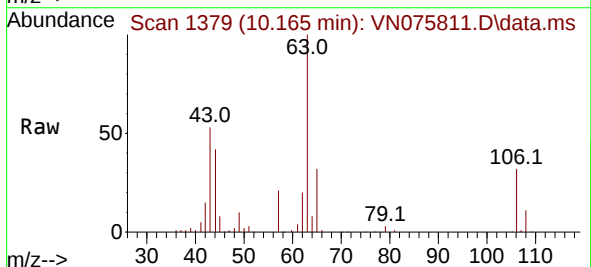
Manual Integrations
APPROVED

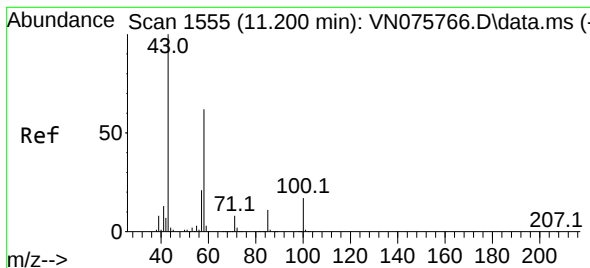
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 85.314 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 63 Resp: 123142
Ion Ratio Lower Upper
63 100
106 33.0 26.4 39.6





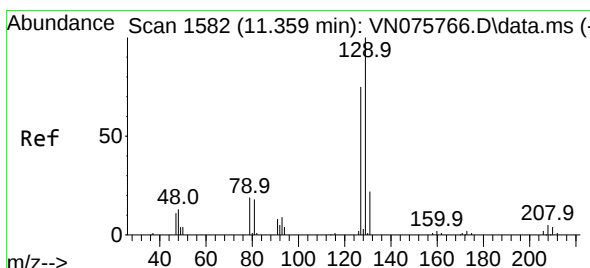
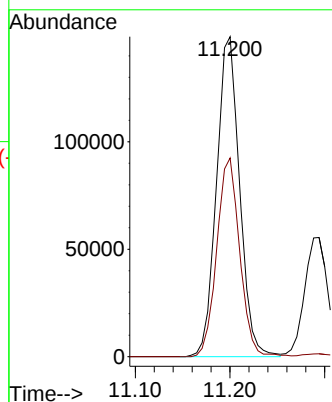
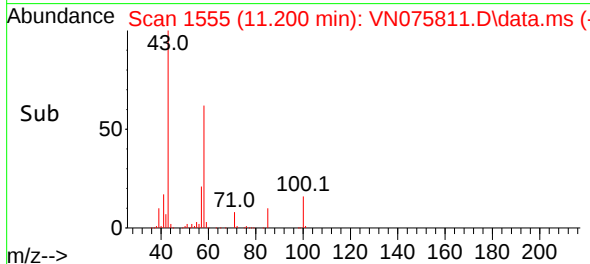
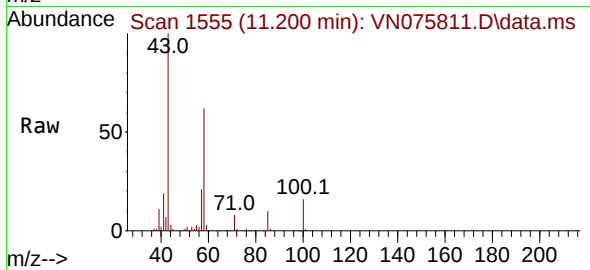
#59
2-Hexanone
Concen: 99.776 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 43 Resp: 25232
Ion Ratio Lower Upper
43 100
58 61.6 30.6 92.0

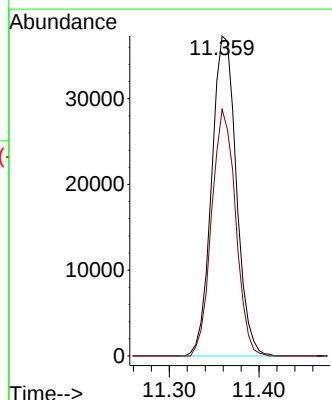
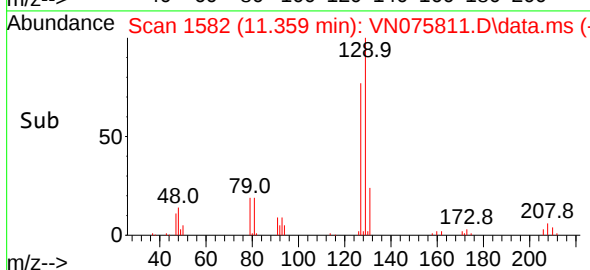
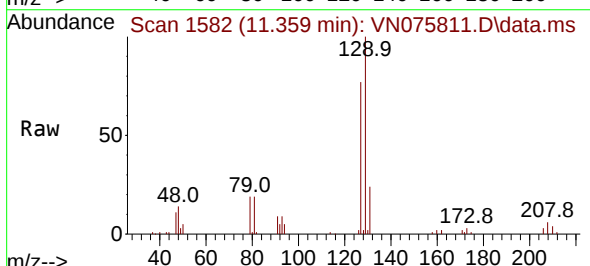
Manual Integrations
APPROVED

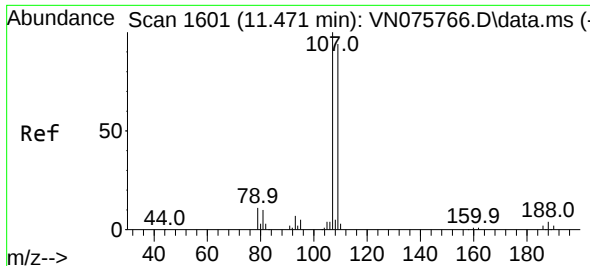
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#60
Dibromochloromethane
Concen: 18.788 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

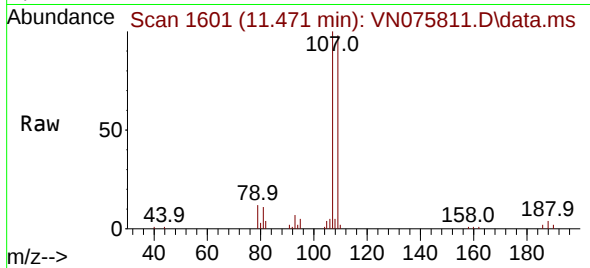
Tgt Ion:129 Resp: 71314
Ion Ratio Lower Upper
129 100
127 74.7 38.3 114.9





#61
1,2-Dibromoethane
Concen: 18.770 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

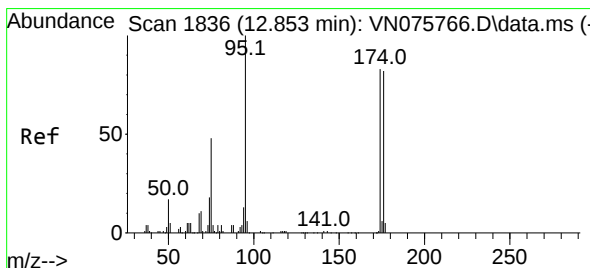
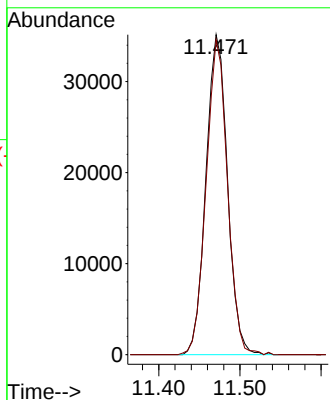
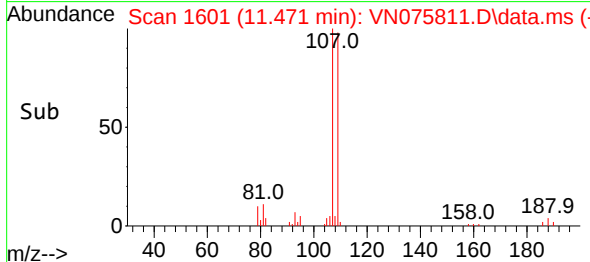
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



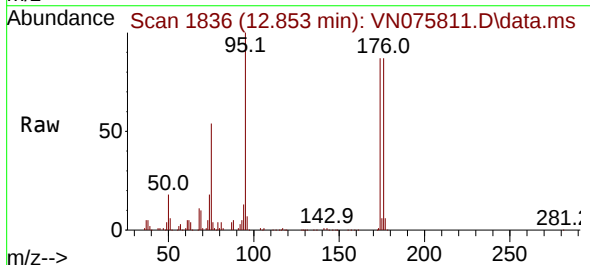
Tgt Ion:107 Resp: 6483
Ion Ratio Lower Upper
107 100
109 97.4 74.8 112.2

Manual Integrations
APPROVED

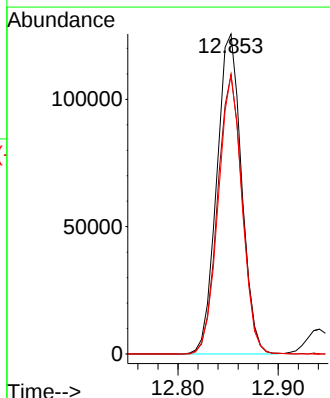
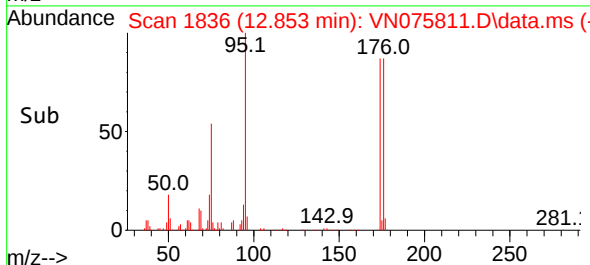
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

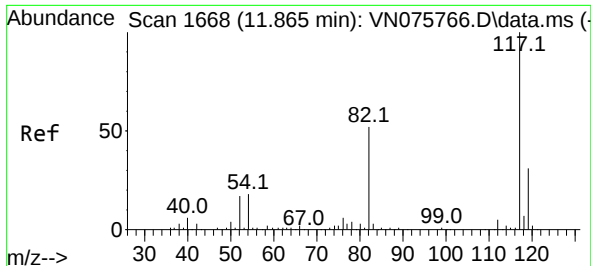


#62
4-Bromofluorobenzene
Concen: 53.388 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26



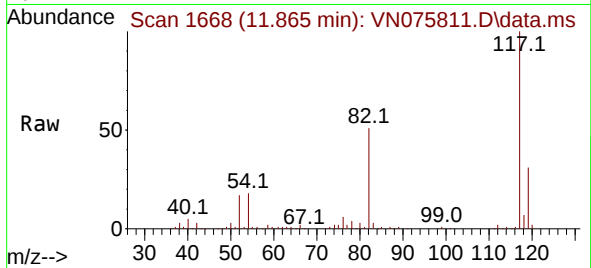
Tgt Ion: 95 Resp: 215379
Ion Ratio Lower Upper
95 100
174 86.5 0.0 171.6
176 83.6 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

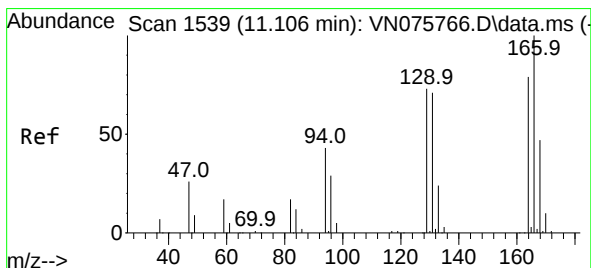
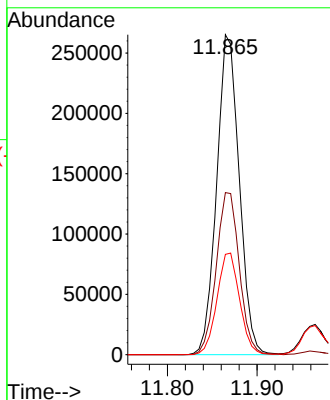
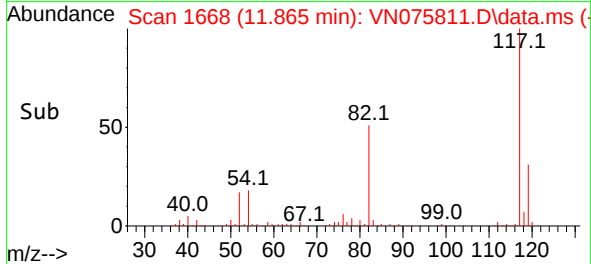
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



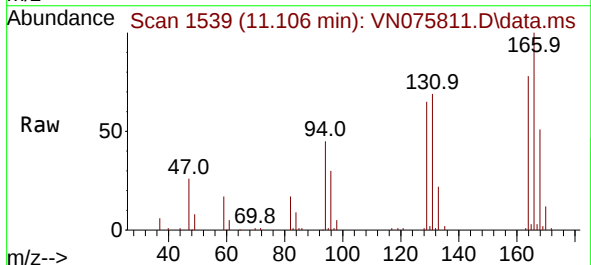
Tgt Ion:117 Resp: 46444
Ion Ratio Lower Upper
117 100
82 50.7 41.3 61.9
119 31.3 24.6 37.0

Manual Integrations
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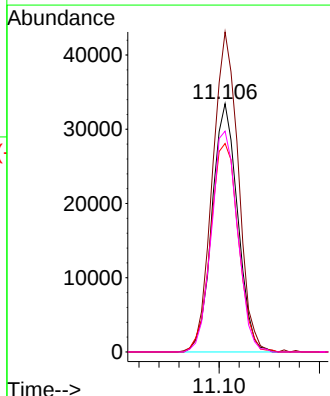
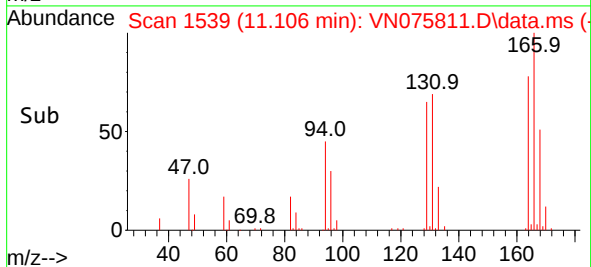
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

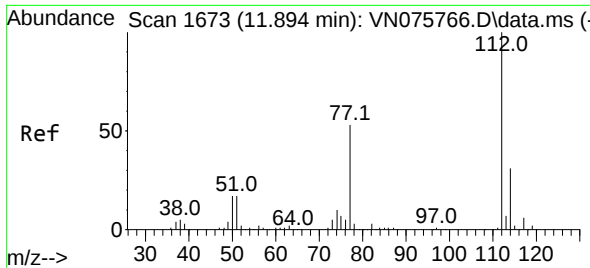


#64
Tetrachloroethene
Concen: 18.161 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26



Tgt Ion:164 Resp: 59353
Ion Ratio Lower Upper
164 100
166 128.8 101.9 152.9
129 83.9 74.2 111.2
131 88.9 72.4 108.6





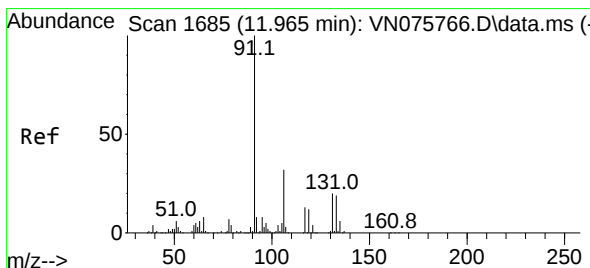
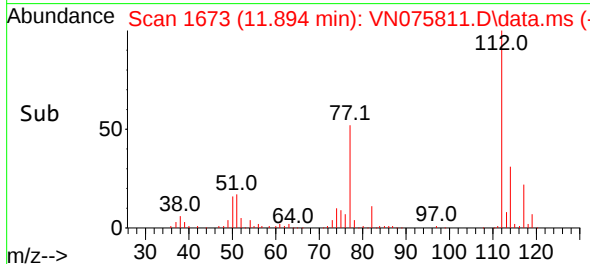
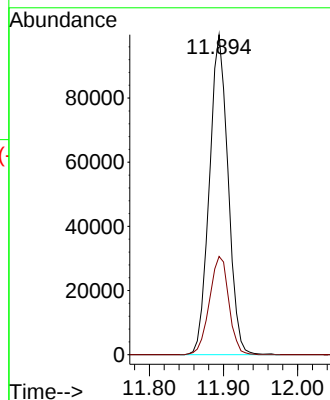
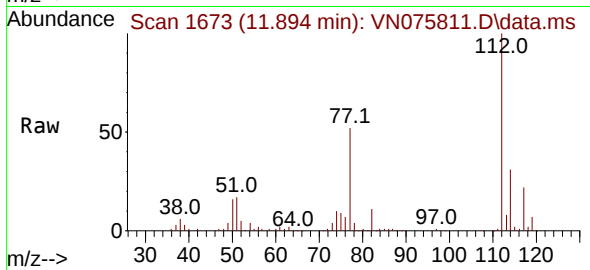
#65
Chlorobenzene
Concen: 18.304 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion:112 Resp: 17448
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1

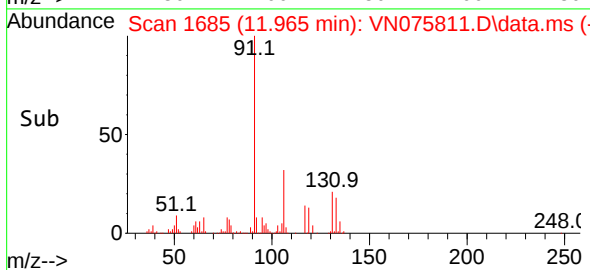
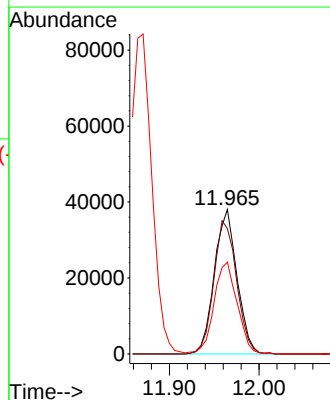
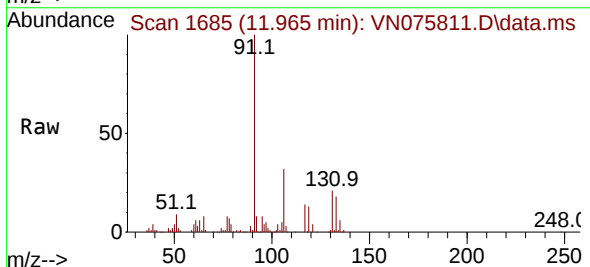
Manual Integrations
APPROVED

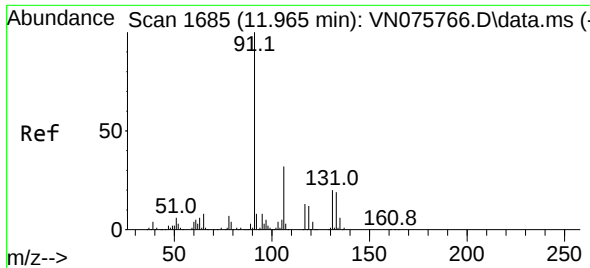
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.898 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion:131 Resp: 66726
Ion Ratio Lower Upper
131 100
133 93.4 47.5 142.5
119 65.1 31.9 95.7





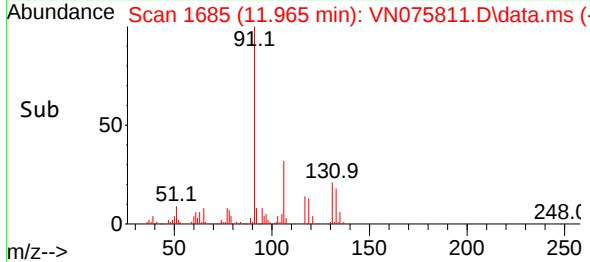
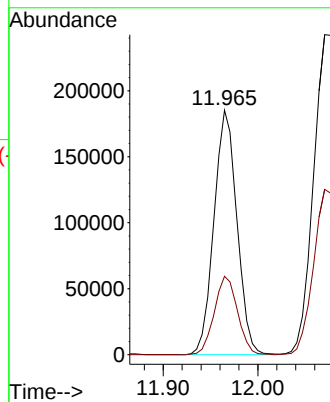
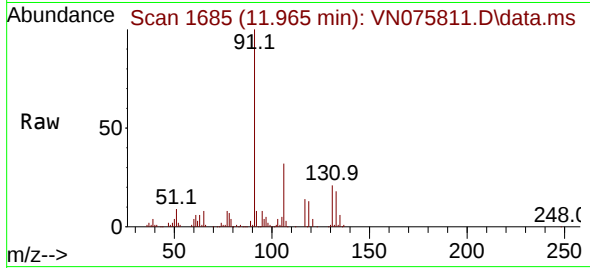
#67
Ethyl Benzene
Concen: 19.415 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 91 Resp: 31236
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5

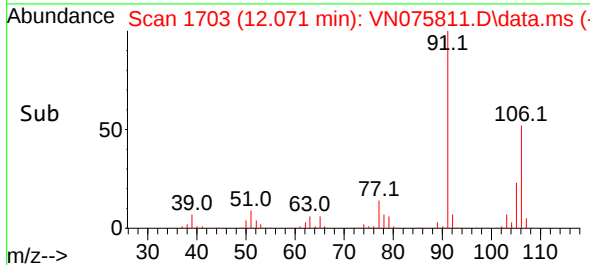
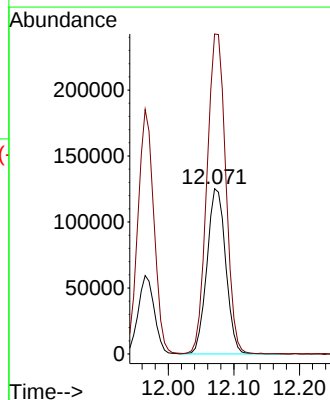
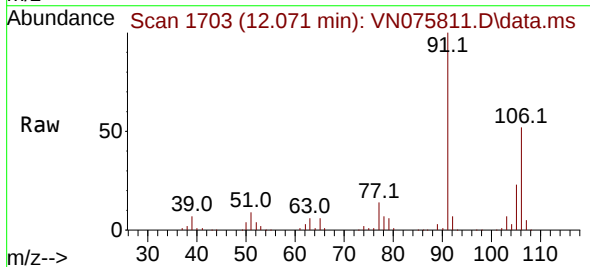
Manual Integrations
APPROVED

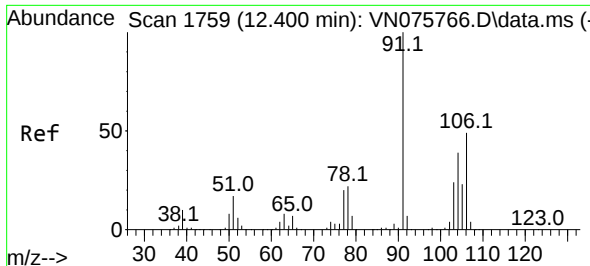
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#68
m/p-Xylenes
Concen: 39.076 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion:106 Resp: 248828
Ion Ratio Lower Upper
106 100
91 193.8 156.6 235.0





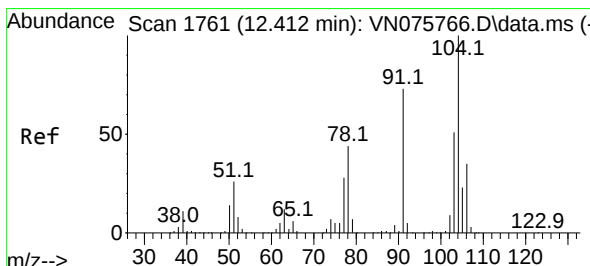
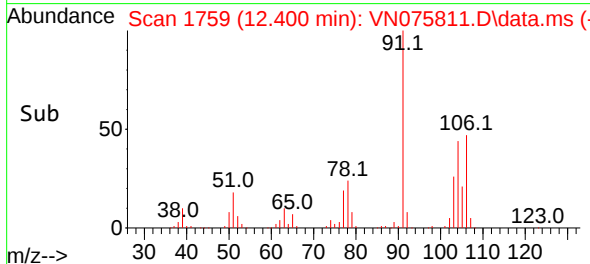
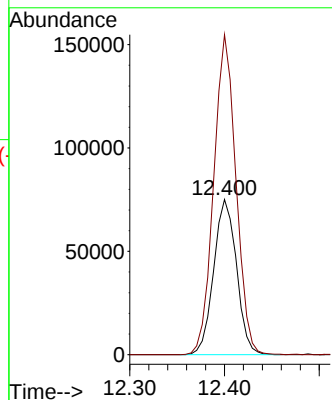
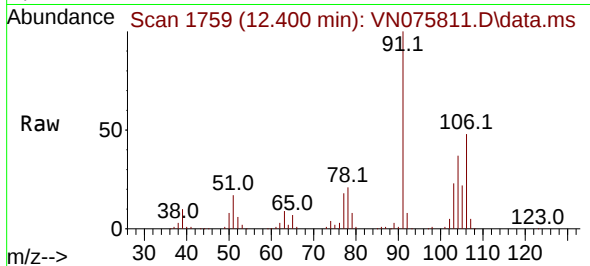
#69
o-Xylene
Concen: 19.947 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion:106 Resp: 12570
Ion Ratio Lower Upper
106 100
91 201.2 103.8 311.6

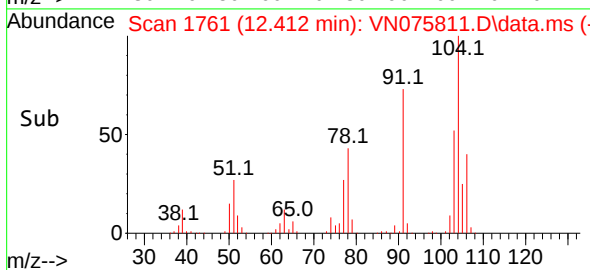
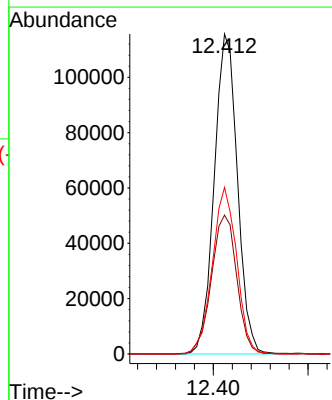
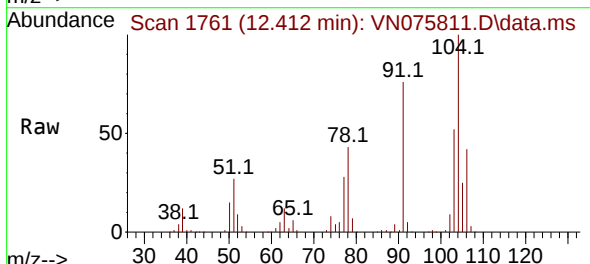
Manual Integrations
APPROVED

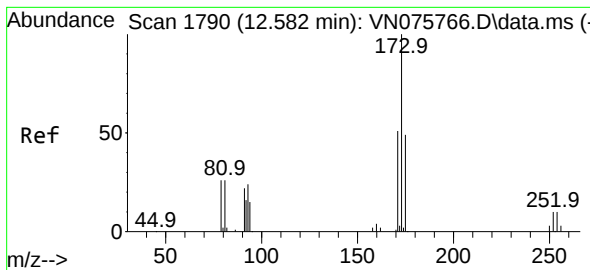
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#70
Styrene
Concen: 19.620 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

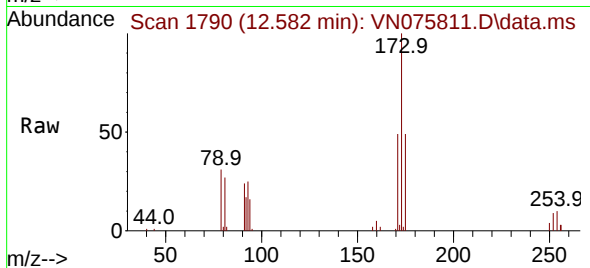
Tgt Ion:104 Resp: 196586
Ion Ratio Lower Upper
104 100
78 47.4 37.5 56.3
103 54.6 43.5 65.3





#71
Bromoform
Concen: 19.096 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

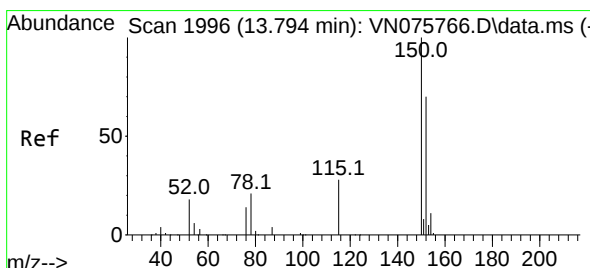
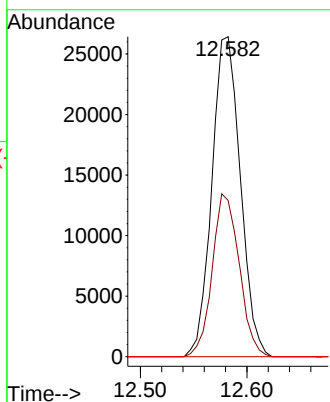
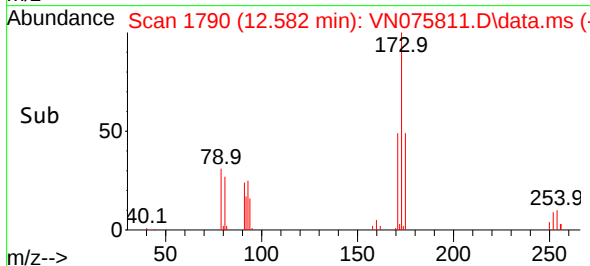
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



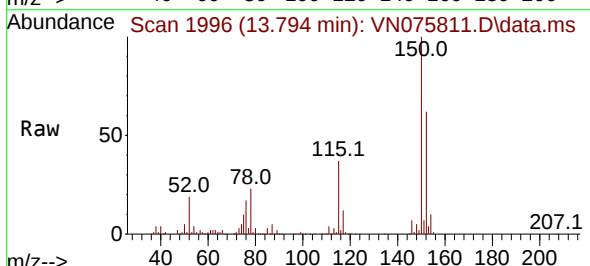
Tgt Ion:173 Resp: 4906
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

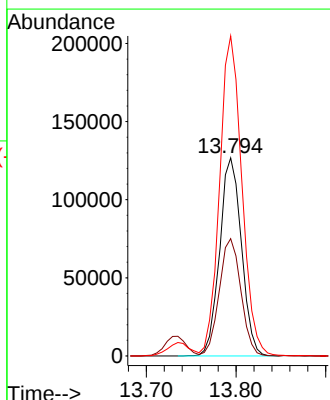
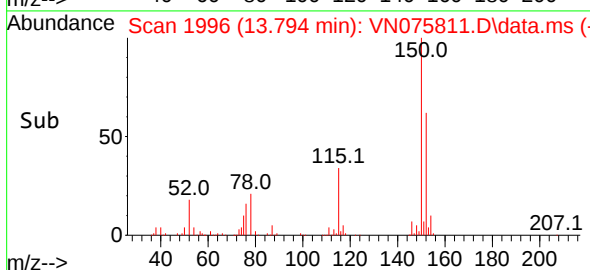
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

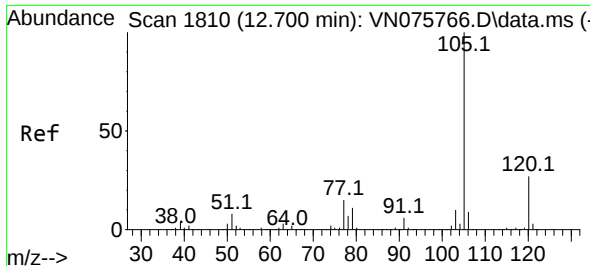


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26



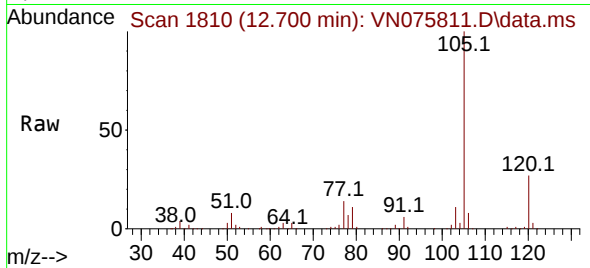
Tgt Ion:152 Resp: 213748
Ion Ratio Lower Upper
152 100
115 58.9 29.1 87.4
150 164.6 0.0 347.0





#73
Isopropylbenzene
Concen: 20.620 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

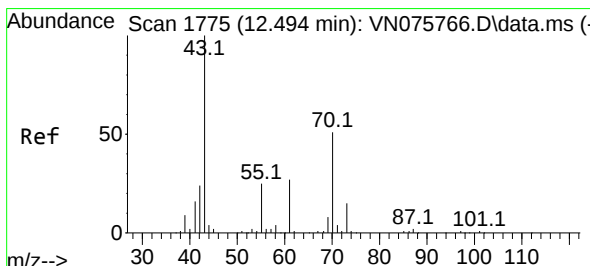
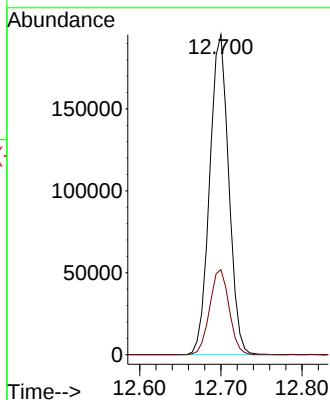
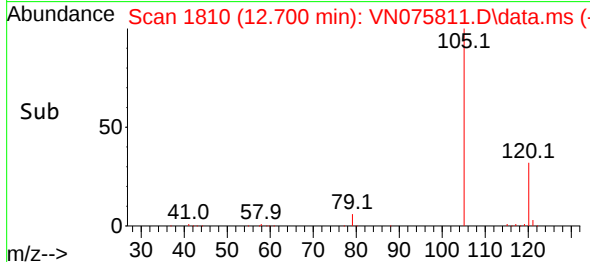
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



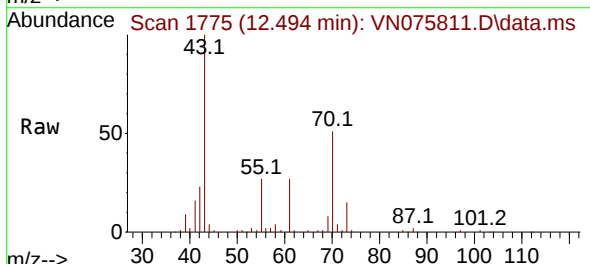
Tgt Ion:105 Resp: 31850
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

Manual Integrations
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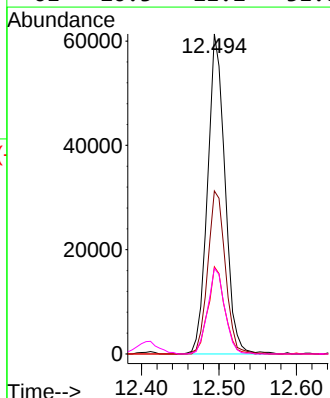
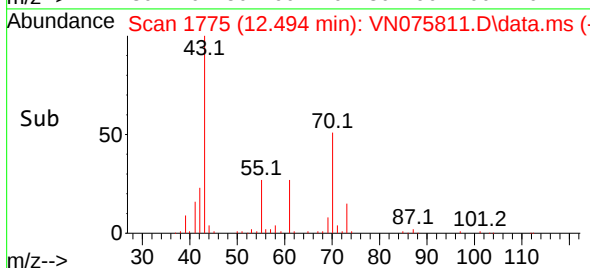
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

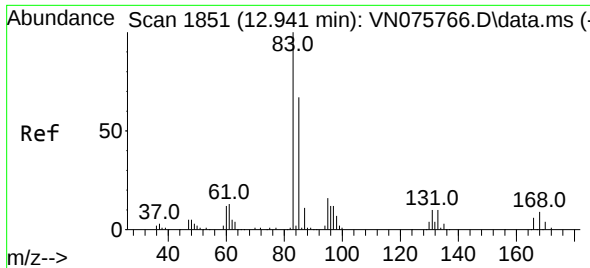


#74
N-ethyl acetate
Concen: 21.147 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26



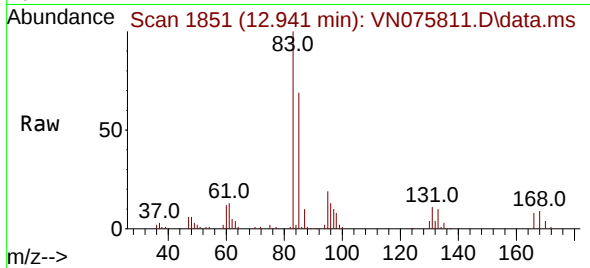
Tgt Ion: 43 Resp: 95828
Ion Ratio Lower Upper
43 100
70 51.4 41.4 62.0
55 26.4 21.3 31.9
61 26.3 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.347 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

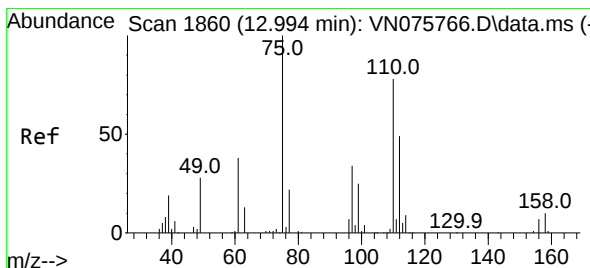
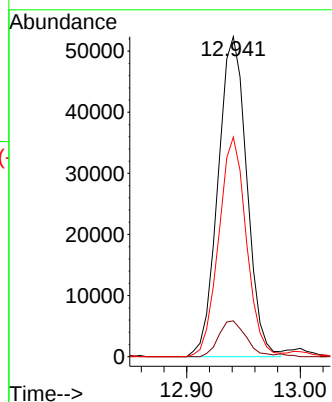
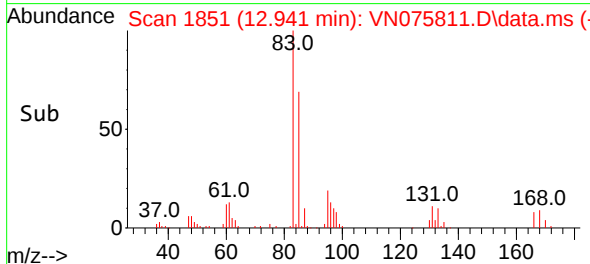
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



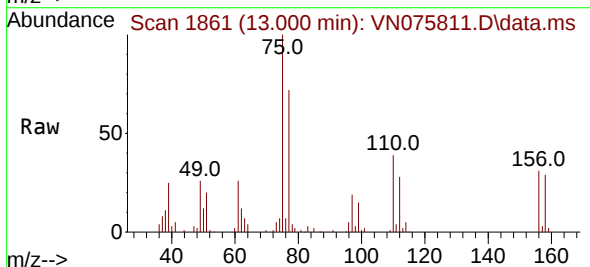
Tgt Ion: 83 Resp: 9238
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 65.9 32.6 98.0

Manual Integrations
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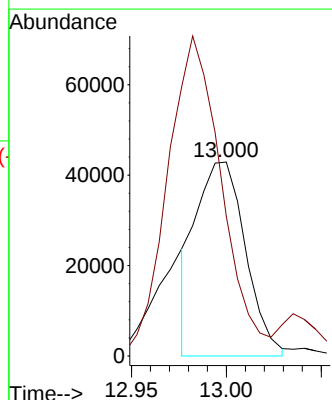
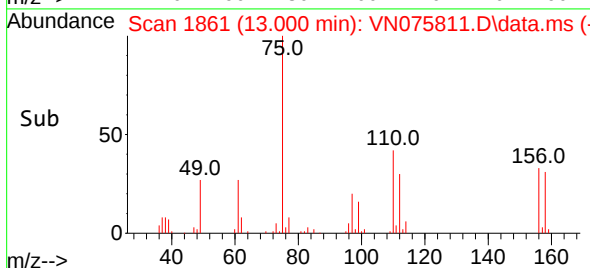
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

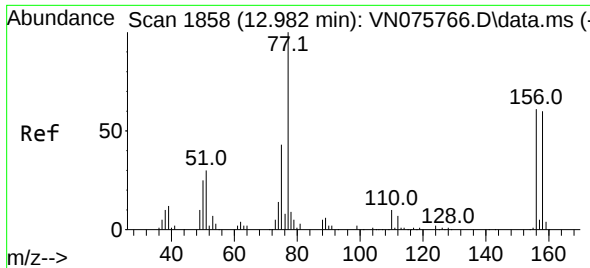


#76
1,2,3-Trichloropropane
Concen: 18.044 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26



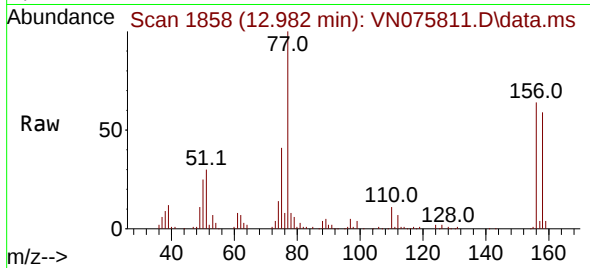
Tgt Ion: 75 Resp: 77745
Ion Ratio Lower Upper
75 100
77 180.6 82.6 247.8





#77
Bromobenzene
Concen: 19.604 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

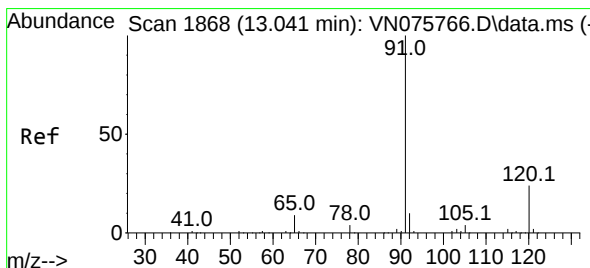
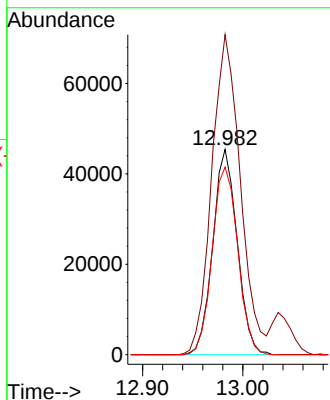
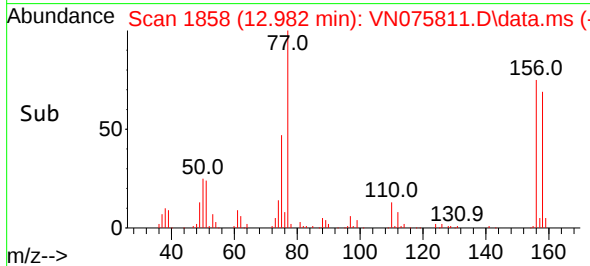
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



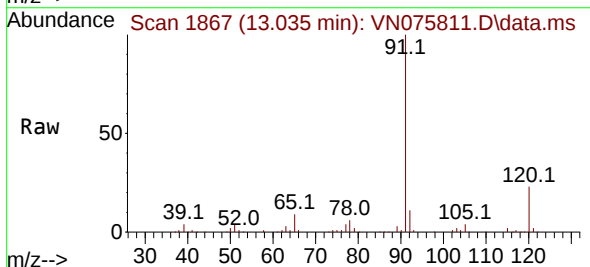
Tgt Ion:156 Resp: 76634
Ion Ratio Lower Upper
156 100
77 183.2 93.8 281.3
158 95.7 48.9 146.6

Manual Integrations
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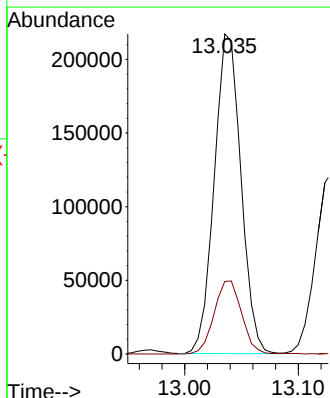
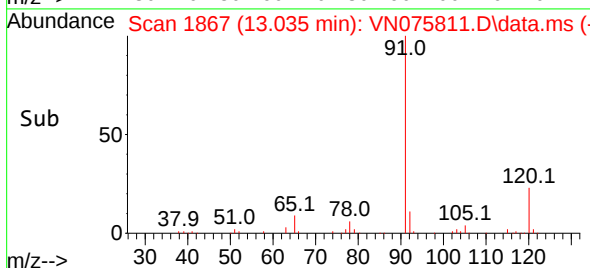
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022

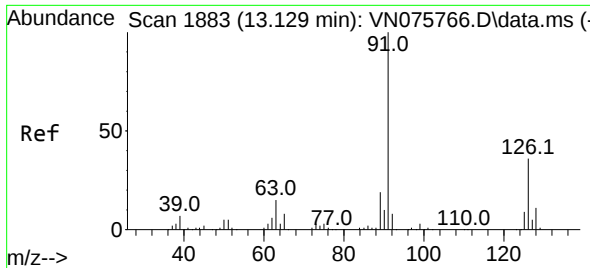


#78
n-propylbenzene
Concen: 20.797 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26



Tgt Ion: 91 Resp: 354303
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.1





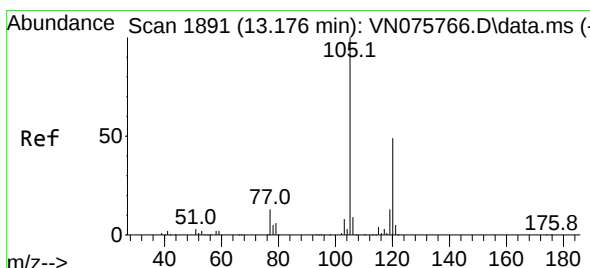
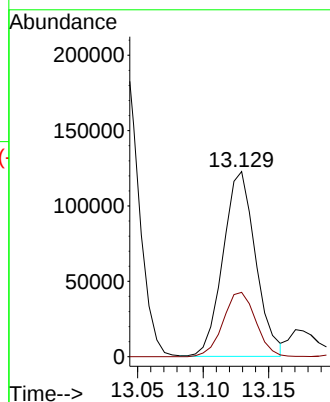
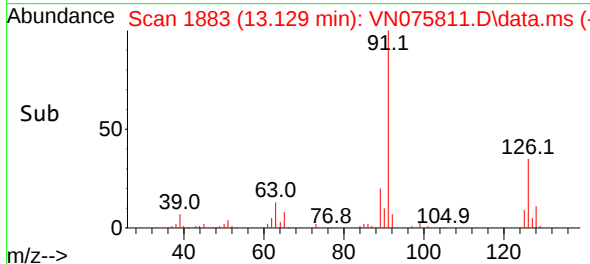
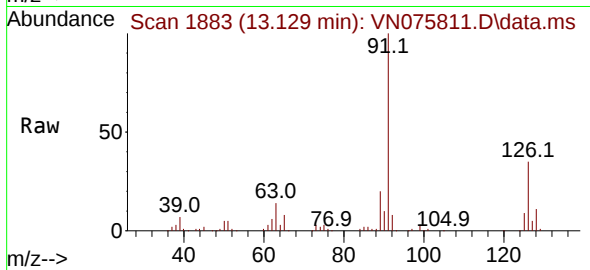
#79
2-Chlorotoluene
Concen: 19.928 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 91 Resp: 211925
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5

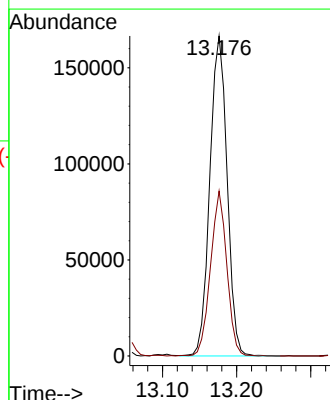
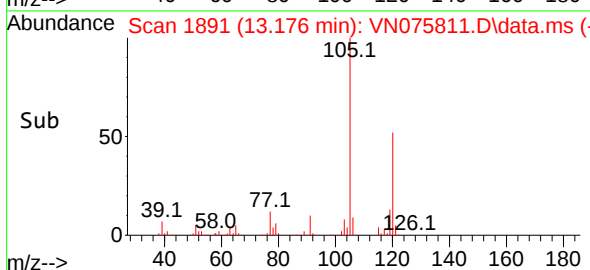
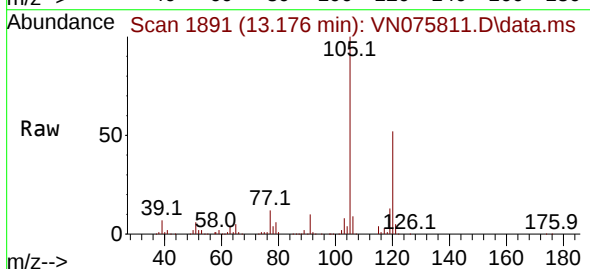
Manual Integrations
APPROVED

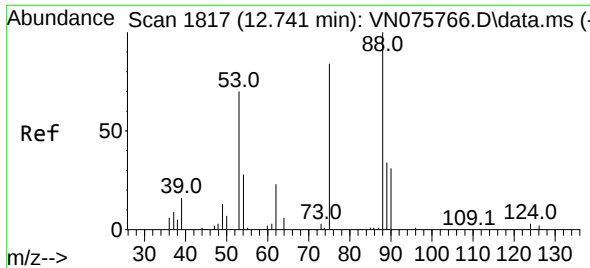
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.824 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

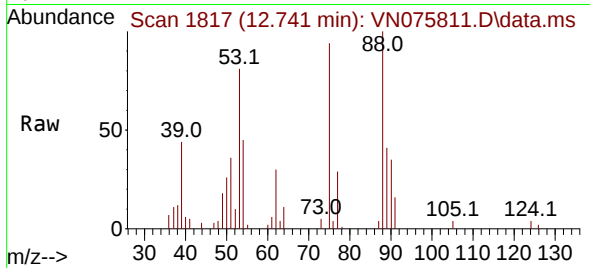
Tgt Ion:105 Resp: 269214
Ion Ratio Lower Upper
105 100
120 48.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.793 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

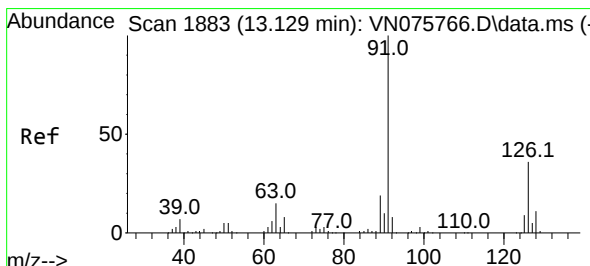
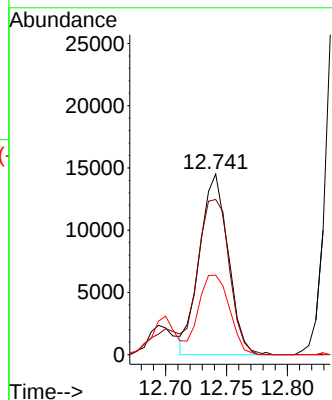
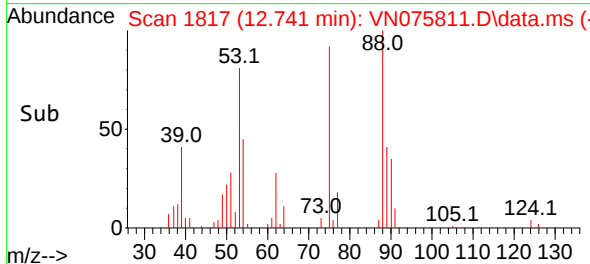
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



Tgt Ion: 75 Resp: 23692
Ion Ratio Lower Upper
75 100
53 94.9 73.8 110.6
89 46.6 39.5 59.3

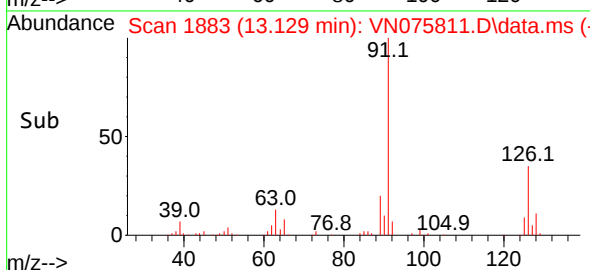
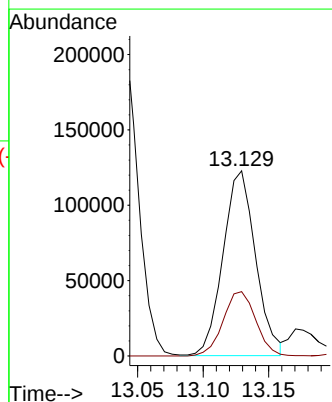
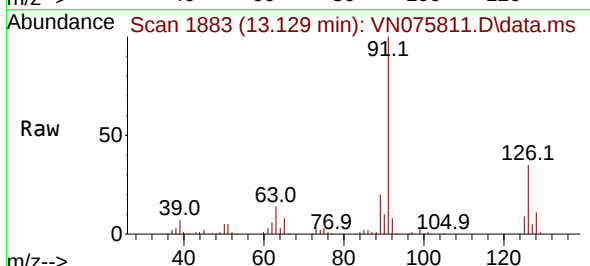
Manual Integrations
APPROVED

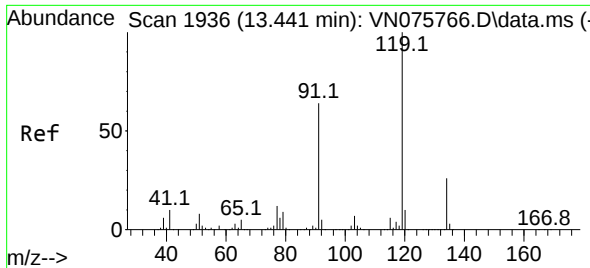
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#82
4-Chlorotoluene
Concen: 19.928 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 91 Resp: 211925
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5





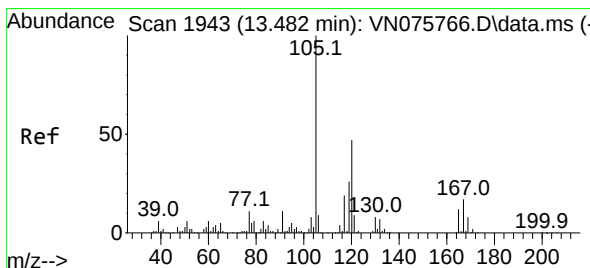
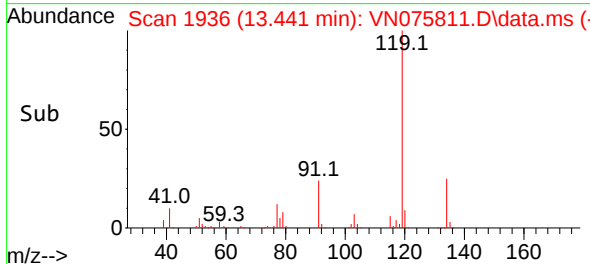
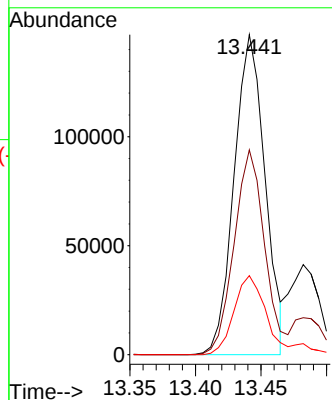
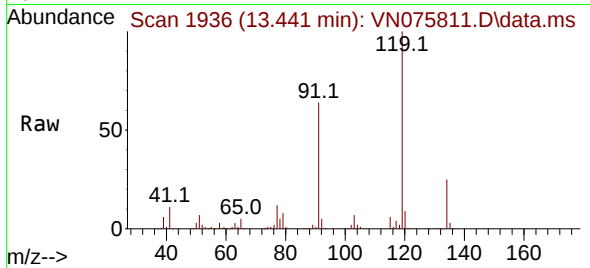
#83
tert-Butylbenzene
Concen: 21.125 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion:119 Resp: 240792
Ion Ratio Lower Upper
119 100
91 63.7 31.9 95.5
134 27.4 13.8 41.4

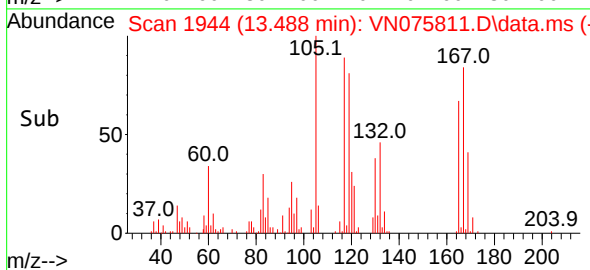
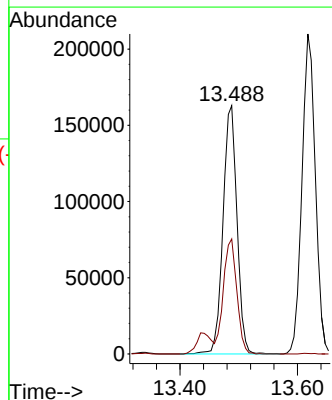
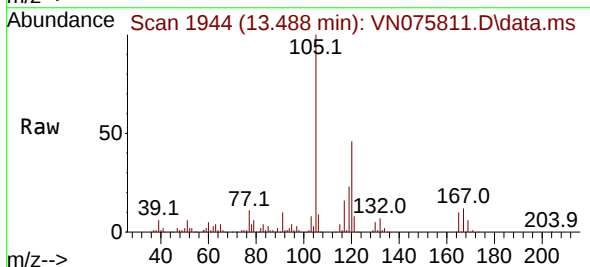
Manual Integrations
APPROVED

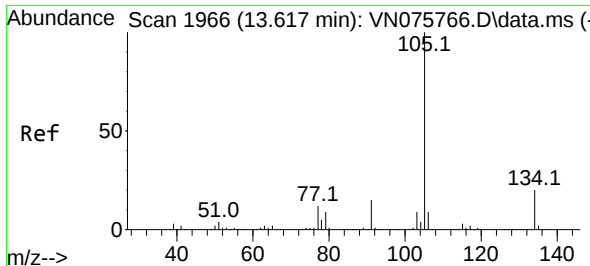
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.954 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

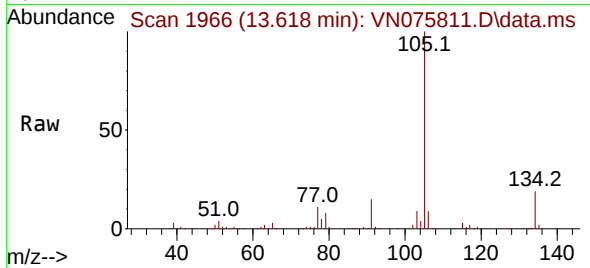
Tgt Ion:105 Resp: 268728
Ion Ratio Lower Upper
105 100
120 44.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 21.103 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26

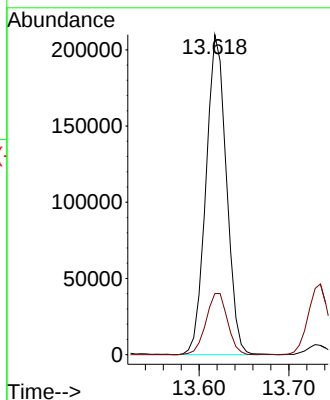
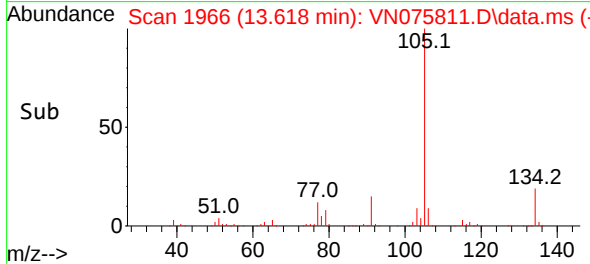
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01



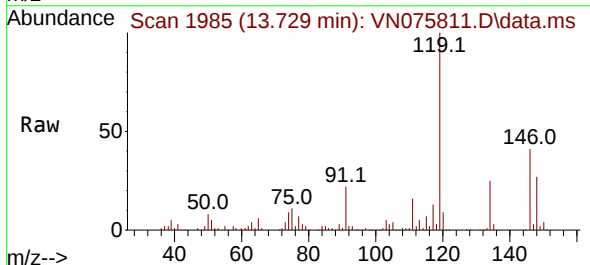
Tgt Ion:105 Resp: 331989
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
 APPROVED

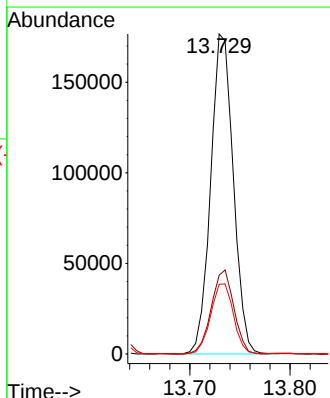
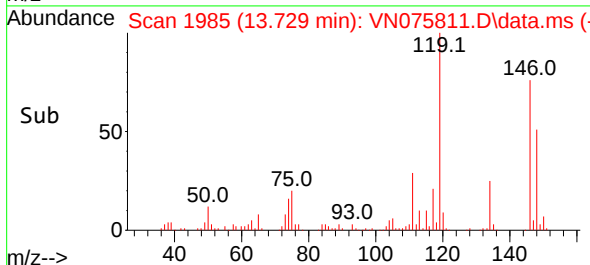
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022

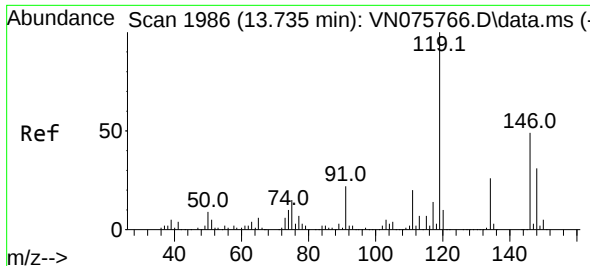


#86
 p-Isopropyltoluene
 Concen: 21.163 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26



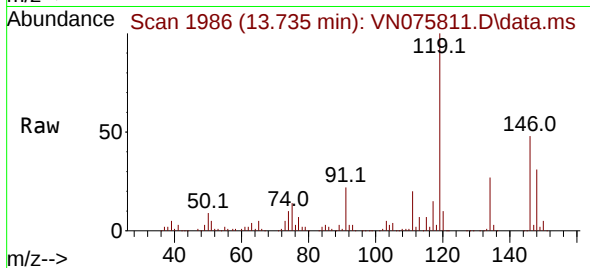
Tgt Ion:119 Resp: 277032
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 22.1 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 19.085 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26

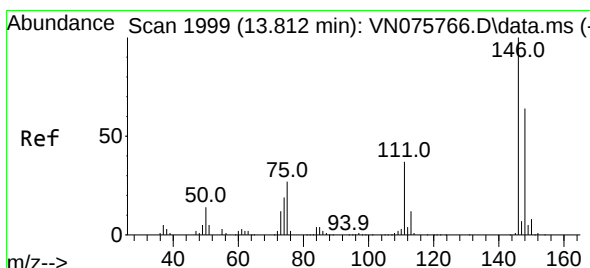
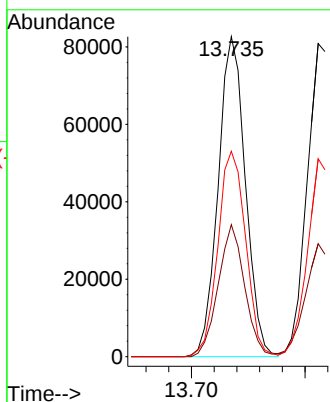
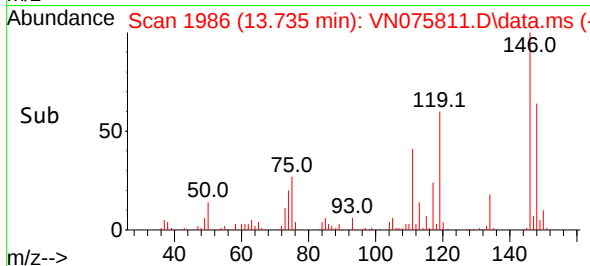
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBS01



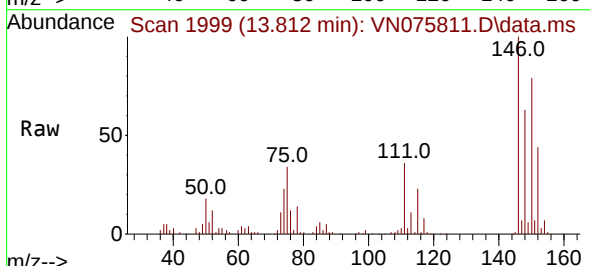
Tgt Ion:146 Resp: 13781
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.7 59.0
 148 65.5 31.4 94.2

Manual Integrations
 APPROVED

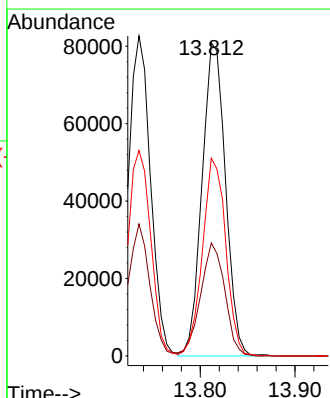
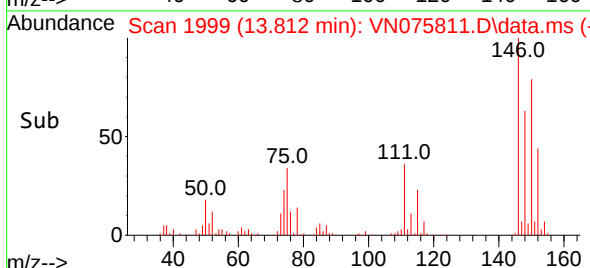
Reviewed By :John Carlone 12/16/2022
 Supervised By :Mahesh Dadoda 12/16/2022

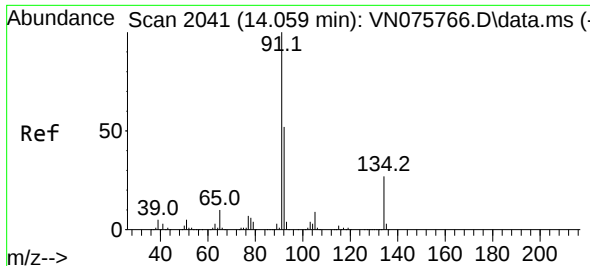


#88
 1,4-Dichlorobenzene
 Concen: 18.928 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN075811.D
 Acq: 15 Dec 2022 12:26



Tgt Ion:146 Resp: 139626
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.1 57.1
 148 62.8 32.0 96.2





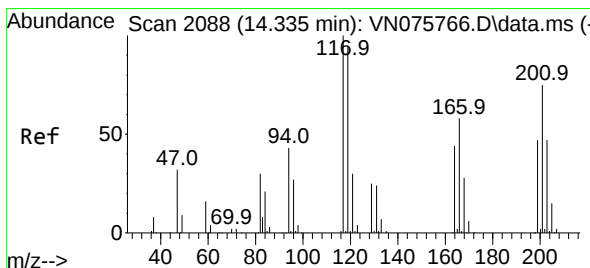
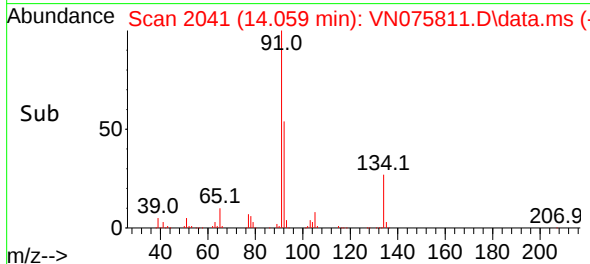
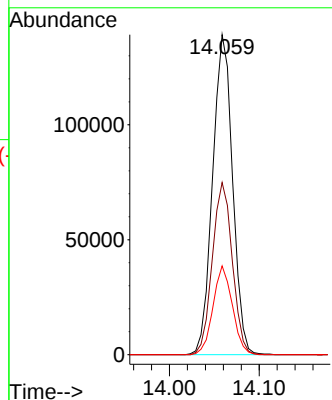
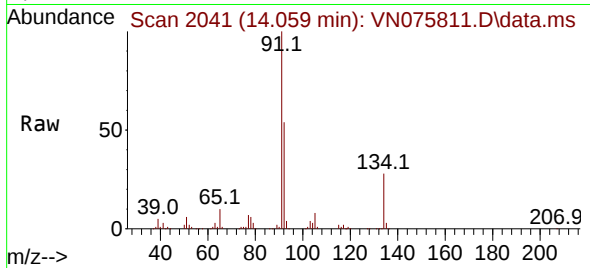
#89
n-Butylbenzene
Concen: 20.286 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion: 91 Resp: 21513
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.2
134 26.8 13.4 40.2

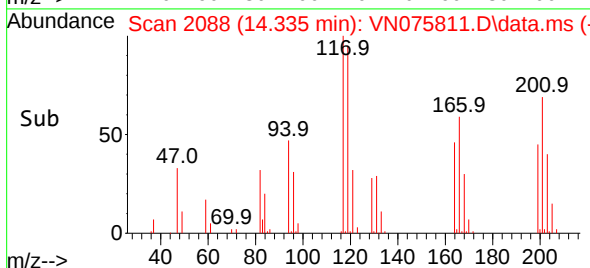
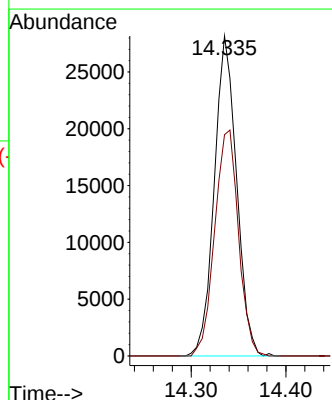
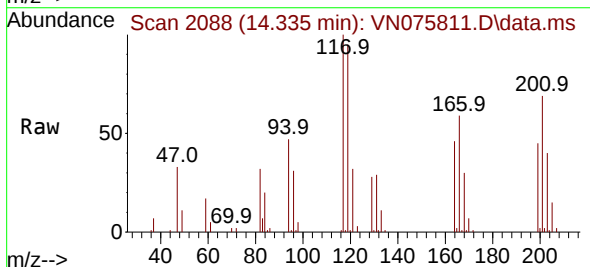
Manual Integrations
APPROVED

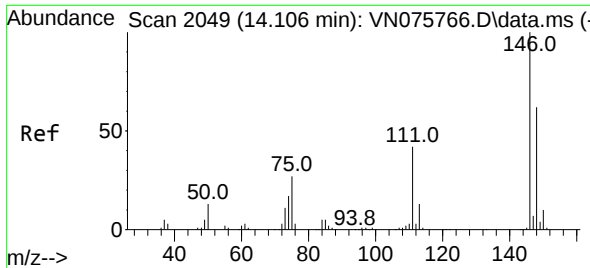
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#90
Hexachloroethane
Concen: 19.707 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion:117 Resp: 46146
Ion Ratio Lower Upper
117 100
201 75.4 38.0 114.1





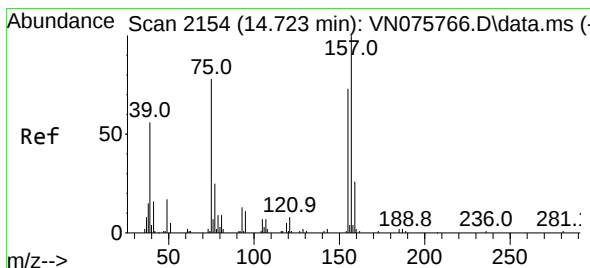
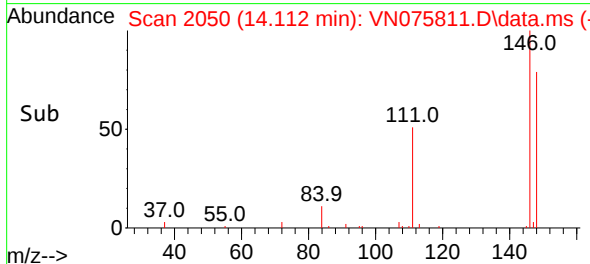
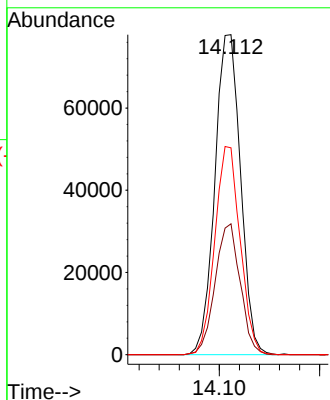
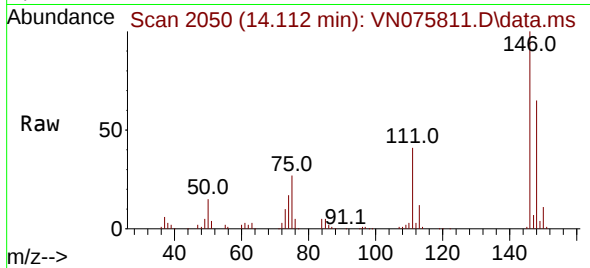
#91
1,2-Dichlorobenzene
Concen: 19.470 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01

Tgt Ion:146 Resp: 138479
Ion Ratio Lower Upper
146 100
111 39.9 20.3 61.0
148 64.2 31.7 95.1

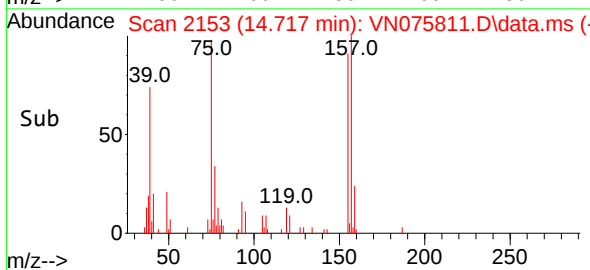
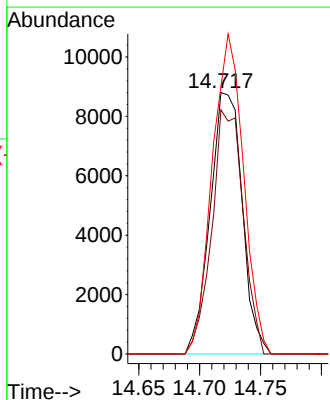
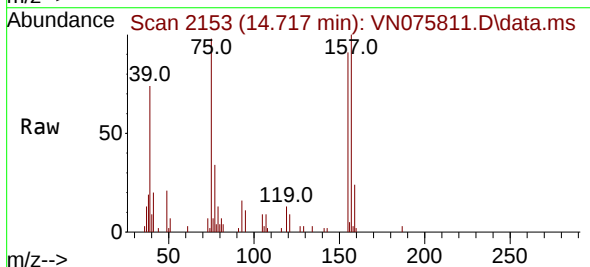
Manual Integrations
APPROVED

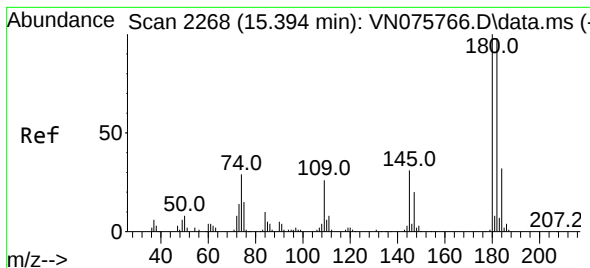
Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.015 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

Tgt Ion: 75 Resp: 16111
Ion Ratio Lower Upper
75 100
155 91.0 49.3 147.8
157 119.5 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.809 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBS01

Tgt Ion:180 Resp: 6623

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.5

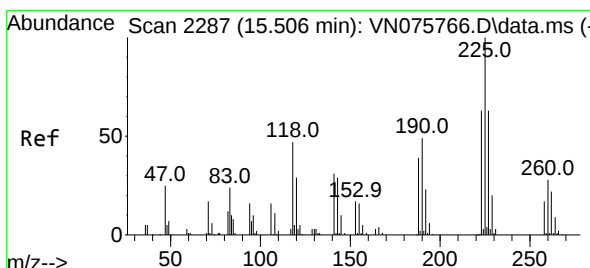
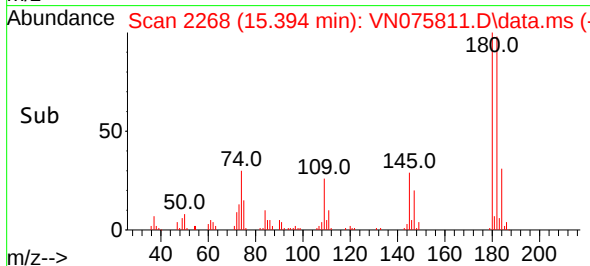
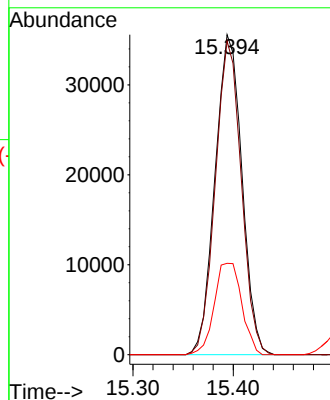
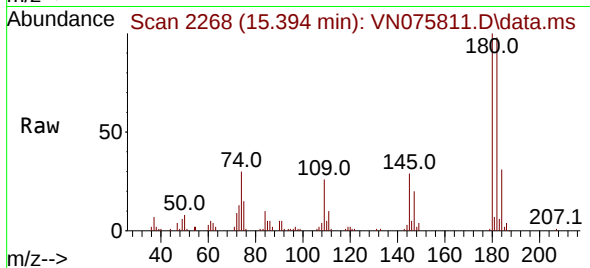
145 29.2 15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#94

Hexachlorobutadiene

Concen: 19.738 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN075811.D

Acq: 15 Dec 2022 12:26

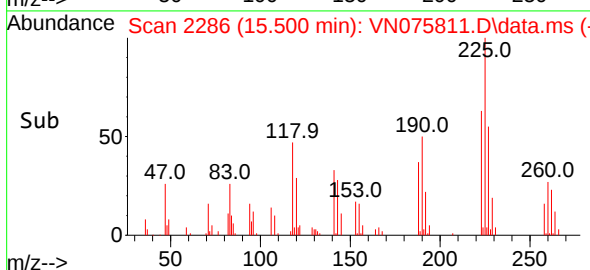
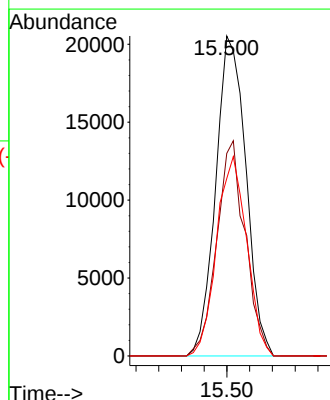
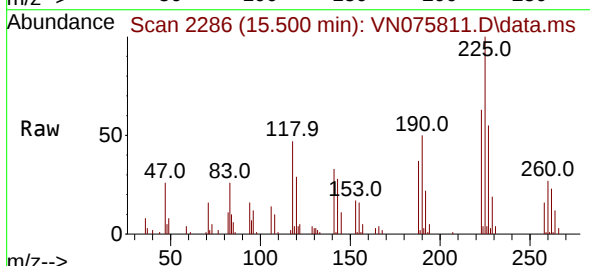
Tgt Ion:225 Resp: 37919

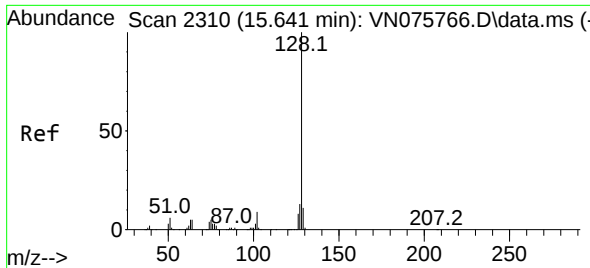
Ion Ratio Lower Upper

225 100

223 63.4 31.5 94.5

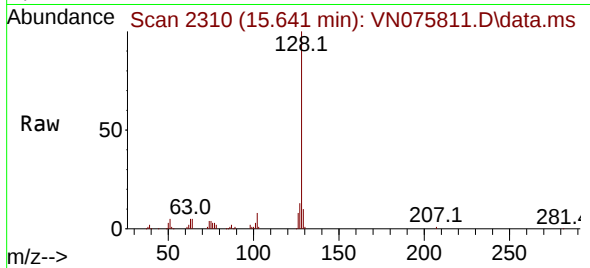
227 62.1 31.6 95.0





#95
Naphthalene
Concen: 18.234 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26

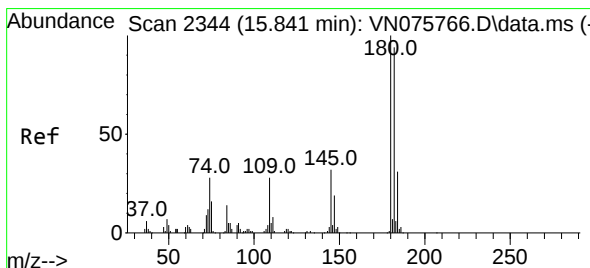
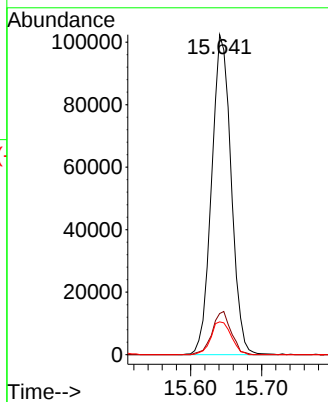
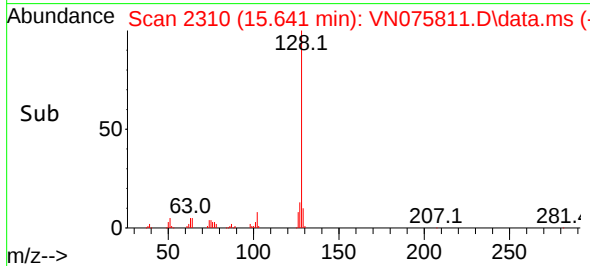
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBS01



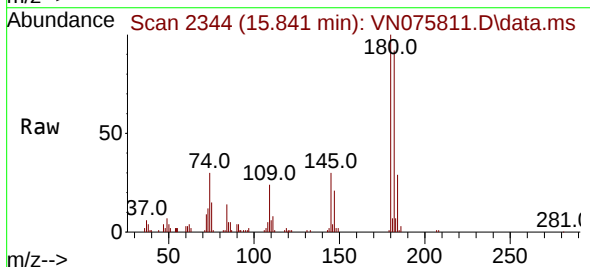
Tgt Ion:128 Resp: 195292
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2022
Supervised By :Mahesh Dadoda 12/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.672 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075811.D
Acq: 15 Dec 2022 12:26



Tgt Ion:180 Resp: 64743
Ion Ratio Lower Upper
180 100
182 92.4 47.0 141.0
145 31.6 16.0 47.9

