

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075870.D
 Acq On : 19 Dec 2022 14:46
 Operator : JC\MD
 Sample : VN1219WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 01:29:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	293368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	473869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	427492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178656	55.977	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.960%			
35) Dibromofluoromethane	8.177	113	153839	52.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.840%			
50) Toluene-d8	10.571	98	547626	49.911	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.853	95	186617	51.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	33445	16.056	ug/l	95
3) Chloromethane	2.371	50	42890	16.559	ug/l	100
4) Vinyl Chloride	2.530	62	52316	16.932	ug/l	97
5) Bromomethane	2.959	94	47454	18.072	ug/l	95
6) Chloroethane	3.130	64	41395	18.092	ug/l	98
7) Trichlorofluoromethane	3.506	101	78176	16.675	ug/l	96
8) Diethyl Ether	3.971	74	37271	21.766	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	48506	18.119	ug/l	98
10) Methyl Iodide	4.600	142	78887	18.157	ug/l	99
11) Tert butyl alcohol	5.536	59	53782	119.091	ug/l	98
12) 1,1-Dichloroethene	4.353	96	45386	17.456	ug/l	96
13) Acrolein	4.189	56	80241	144.931	ug/l	97
14) Allyl chloride	5.041	41	56027	18.433	ug/l	90
15) Acrylonitrile	5.736	53	139450	113.153	ug/l	99
16) Acetone	4.442	43	115664	105.130	ug/l	98
17) Carbon Disulfide	4.724	76	96354	15.306	ug/l	98
18) Methyl Acetate	5.036	43	73151	22.494	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	190740	22.277	ug/l	96
20) Methylene Chloride	5.289	84	61301	20.450	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	50249	17.647	ug/l	92
22) Diisopropyl ether	6.683	45	153886	20.841	ug/l	97
23) Vinyl Acetate	6.612	43	568821	114.456	ug/l	97
24) 1,1-Dichloroethane	6.577	63	93701	19.028	ug/l	99
25) 2-Butanone	7.494	43	176800	114.770	ug/l	100
26) 2,2-Dichloropropane	7.500	77	74246	17.804	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	64282	18.875	ug/l	95
28) Bromochloromethane	7.824	49	39041	18.089	ug/l	98
29) Tetrahydrofuran	7.847	42	114074	118.165	ug/l	99
30) Chloroform	7.971	83	105284	18.990	ug/l	90
31) Cyclohexane	8.265	56	82866	18.129	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	89944	18.299	ug/l	96
36) 1,1-Dichloropropene	8.382	75	68276	17.514	ug/l	97
37) Ethyl Acetate	7.565	43	70953	22.659	ug/l	98
38) Carbon Tetrachloride	8.371	117	78282	17.942	ug/l	98
39) Methylcyclohexane	9.606	83	87773	18.663	ug/l	100
40) Benzene	8.612	78	226756	18.853	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	40023	24.590	ug/l	97
42) 1,2-Dichloroethane	8.677	62	82883	20.728	ug/l	99
43) Isopropyl Acetate	8.694	43	120210	23.273	ug/l	99
44) Trichloroethene	9.353	130	59529	17.568	ug/l	95
45) 1,2-Dichloropropane	9.624	63	56080	19.160	ug/l	94
46) Dibromomethane	9.712	93	44267	20.391	ug/l	99
47) Bromodichloromethane	9.888	83	84779	19.914	ug/l	96
48) Methyl methacrylate	9.688	41	54264	23.325	ug/l	97
49) 1,4-Dioxane	9.694	88	26618	465.402	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	375992	120.365	ug/l	99
52) Toluene	10.635	92	155745	19.882	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	83652	20.074	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	92562	20.230	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	64812	21.080	ug/l	98
56) Ethyl methacrylate	10.876	69	95215	23.315	ug/l	100
57) 1,3-Dichloropropane	11.165	76	107245	21.265	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	163220	125.530	ug/l	98
59) 2-Hexanone	11.200	43	268741	117.969	ug/l	100
60) Dibromochloromethane	11.359	129	68283	19.970	ug/l	99
61) 1,2-Dibromoethane	11.470	107	65568	21.073	ug/l	99
64) Tetrachloroethene	11.106	164	53994	17.949	ug/l	94
65) Chlorobenzene	11.894	112	155142	17.682	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	63071	19.407	ug/l	98
67) Ethyl Benzene	11.965	91	282564	19.081	ug/l	100
68) m/p-Xylenes	12.076	106	225828	38.529	ug/l	100
69) o-Xylene	12.400	106	114635	19.764	ug/l	99
70) Styrene	12.412	104	182080	19.743	ug/l	98
71) Bromoform	12.582	173	49149	20.783	ug/l #	100
73) Isopropylbenzene	12.700	105	289284	19.818	ug/l	99
74) N-amyl acetate	12.500	43	100539	23.478	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	94679	20.981	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	82376m	20.231	ug/l	
77) Bromobenzene	12.982	156	70188	19.000	ug/l	98
78) n-propylbenzene	13.041	91	312155	19.389	ug/l	99
79) 2-Chlorotoluene	13.129	91	188030	18.709	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	243319	19.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27716	24.501	ug/l	92
82) 4-Chlorotoluene	13.129	91	188030	18.709	ug/l	99
83) tert-Butylbenzene	13.441	119	214915	19.952	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	246414	20.332	ug/l	99
85) sec-Butylbenzene	13.617	105	296073	19.914	ug/l	99
86) p-Isopropyltoluene	13.735	119	247592	20.014	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	125453	18.384	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	122433	17.563	ug/l	96
89) n-Butylbenzene	14.059	91	196218	19.579	ug/l	99
90) Hexachloroethane	14.341	117	40653	18.371	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	128622	19.136	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18242	22.782	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	63447	19.067	ug/l	98
94) Hexachlorobutadiene	15.506	225	33232	18.304	ug/l	99
95) Naphthalene	15.647	128	228583	22.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	63611	20.452	ug/l	96

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ClientSampleId :
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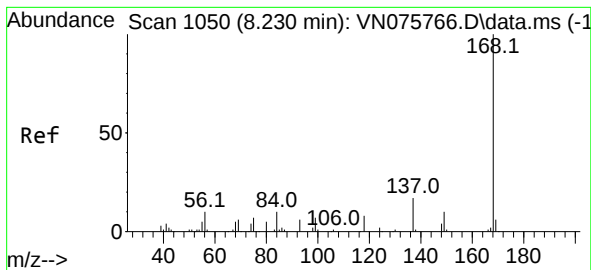
Manual Integrations
APPROVED

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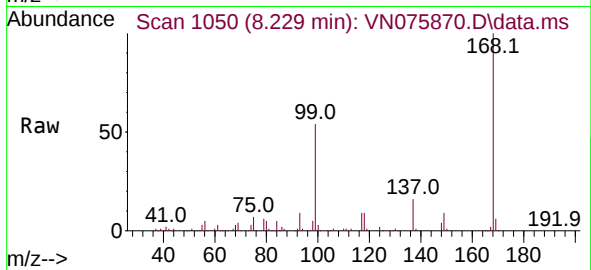
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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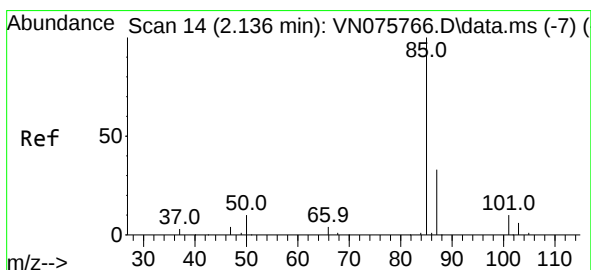
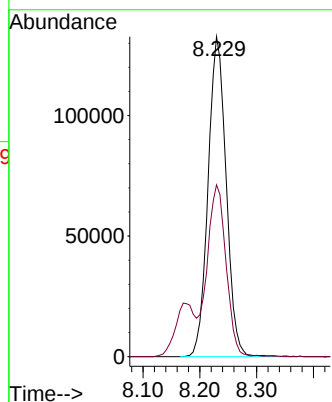
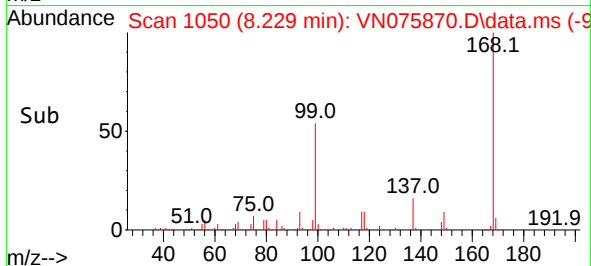
Instrument :
MSVOA_N
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VN1219WBSD01



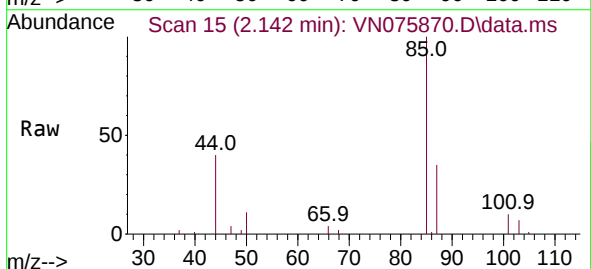
Tgt Ion:168 Resp: 293368
Ion Ratio Lower Upper
168 100
99 53.6 44.2 66.4

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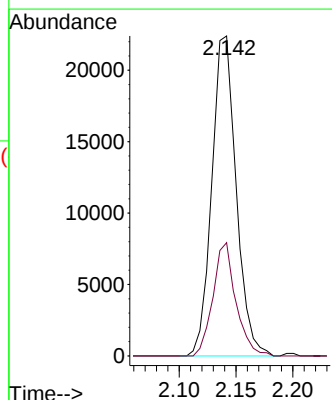
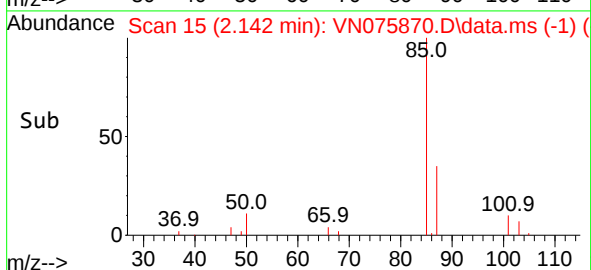
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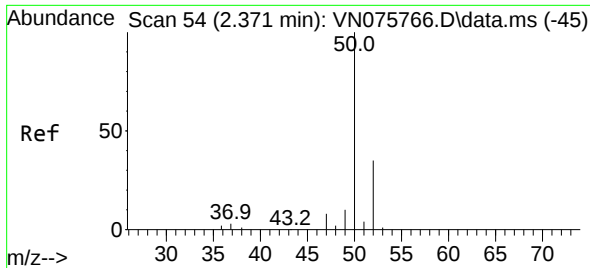


#2
Dichlorodifluoromethane
Concen: 16.056 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46



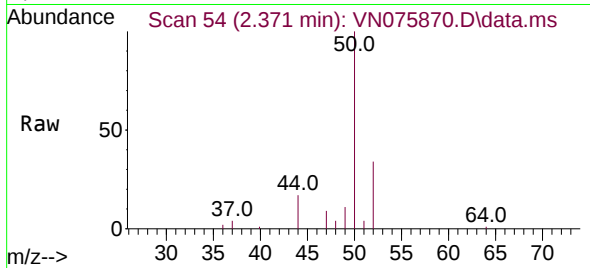
Tgt Ion: 85 Resp: 33445
Ion Ratio Lower Upper
85 100
87 35.4 16.3 48.9





#3
Chloromethane
Concen: 16.559 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

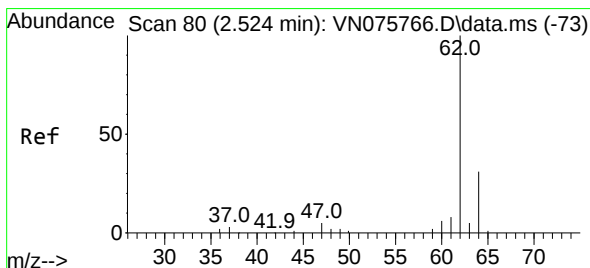
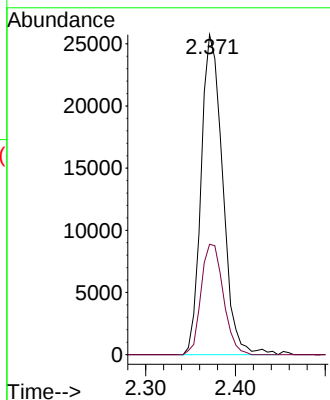
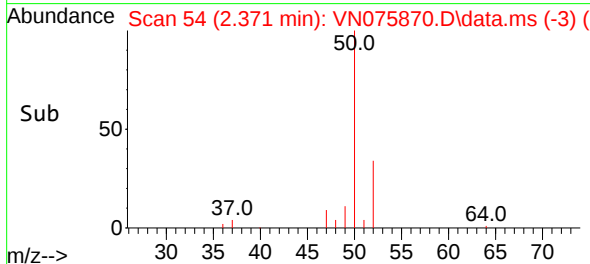
Instrument :
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Tgt Ion: 50 Resp: 42890
Ion Ratio Lower Upper
50 100
52 34.5 27.7 41.5

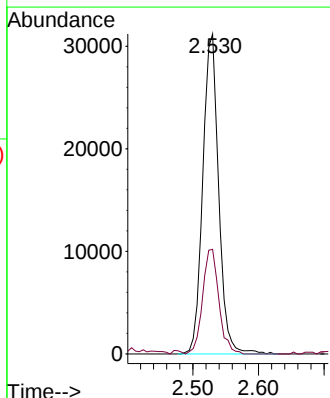
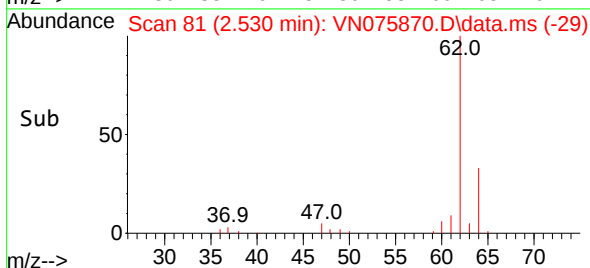
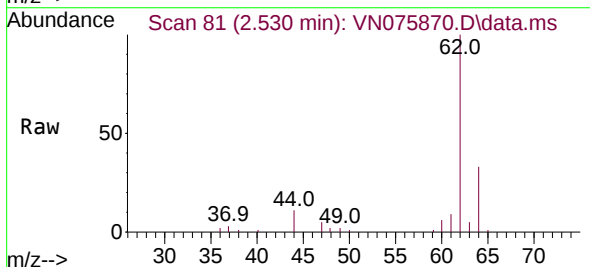
Manual Integrations
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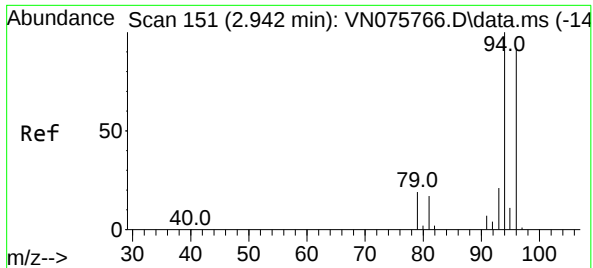
Reviewed By :John Carlone 12/20/2022
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#4
Vinyl Chloride
Concen: 16.932 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 62 Resp: 52316
Ion Ratio Lower Upper
62 100
64 32.7 24.9 37.3





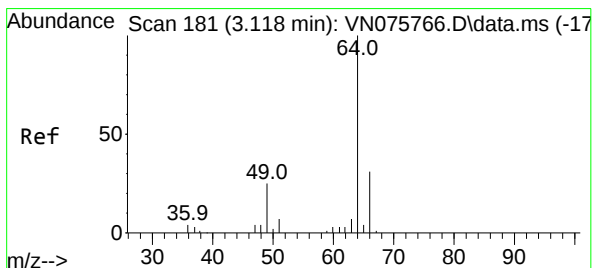
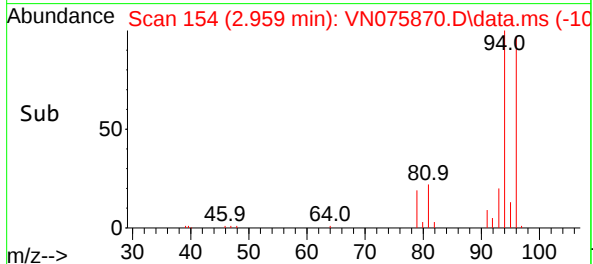
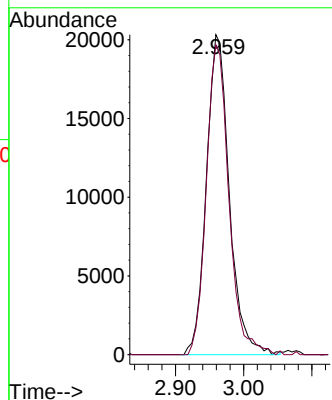
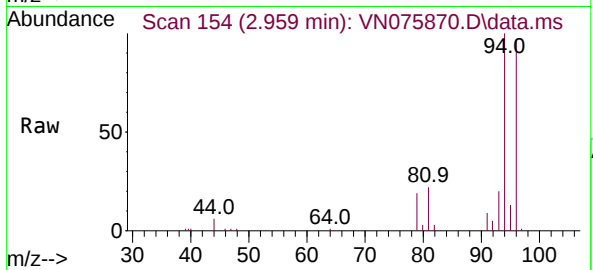
#5
Bromomethane
Concen: 18.072 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075870.D
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Instrument :
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Tgt Ion: 94 Resp: 47454
Ion Ratio Lower Upper
94 100
96 96.8 73.8 110.6

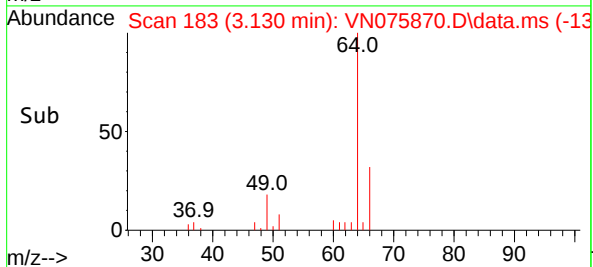
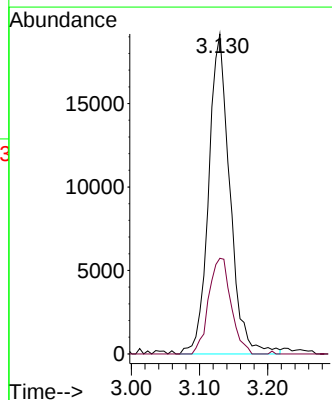
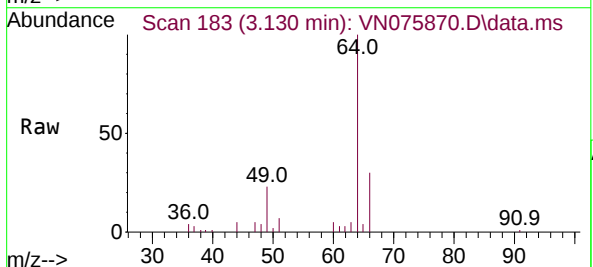
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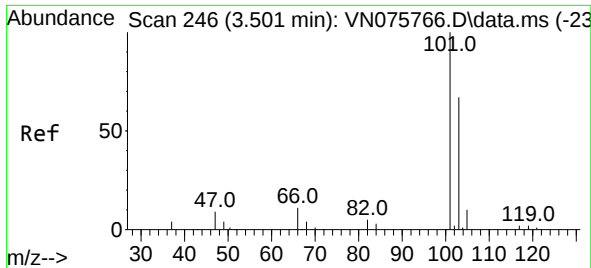
Reviewed By :John Carlone 12/20/2022
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#6
Chloroethane
Concen: 18.092 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075870.D
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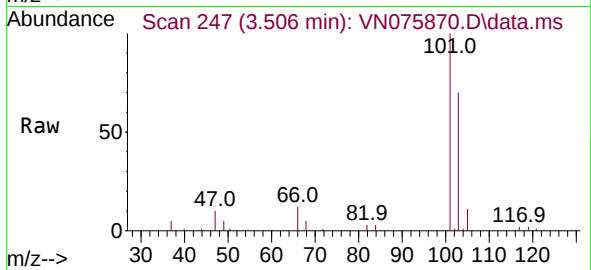
Tgt Ion: 64 Resp: 41395
Ion Ratio Lower Upper
64 100
66 29.9 24.6 36.8





#7
Trichlorofluoromethane
Concen: 16.675 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

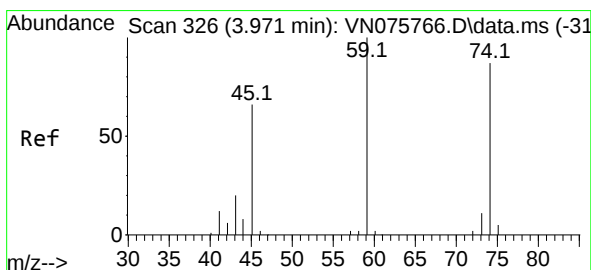
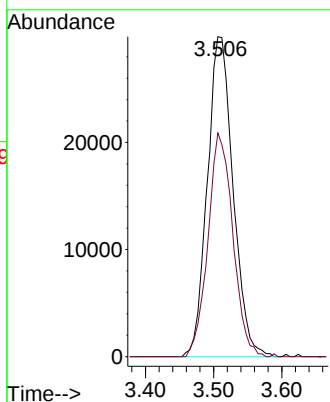
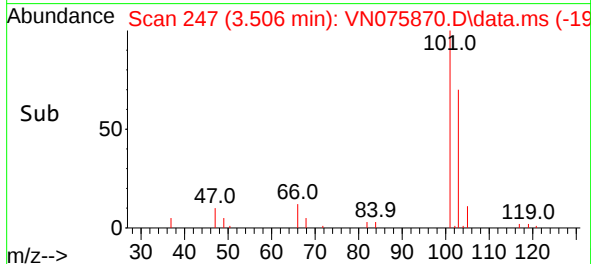
Instrument :
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VN1219WBSD01



Tgt Ion:101 Resp: 78176
Ion Ratio Lower Upper
101 100
103 69.9 53.4 80.2

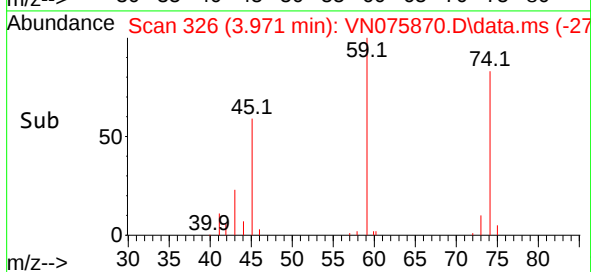
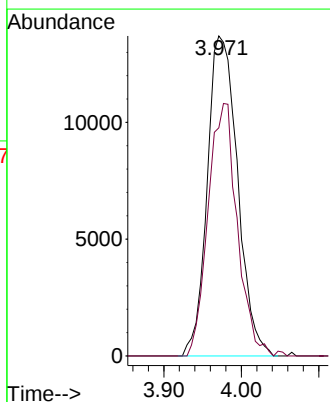
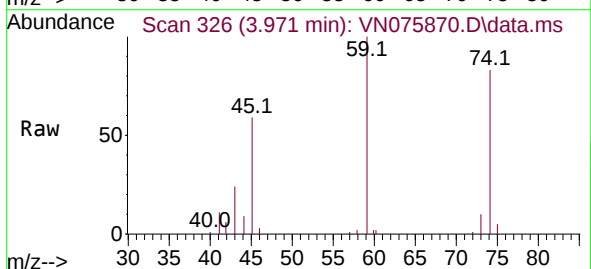
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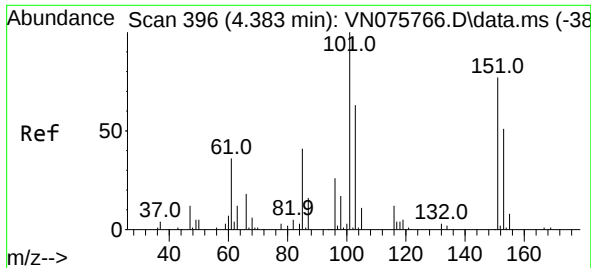
Reviewed By :John Carlone 12/20/2022
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#8
Diethyl Ether
Concen: 21.766 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 37271
Ion Ratio Lower Upper
74 100
45 75.7 37.8 113.4





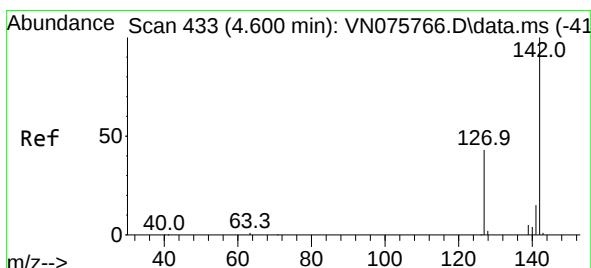
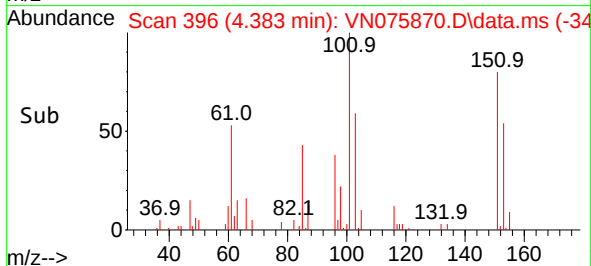
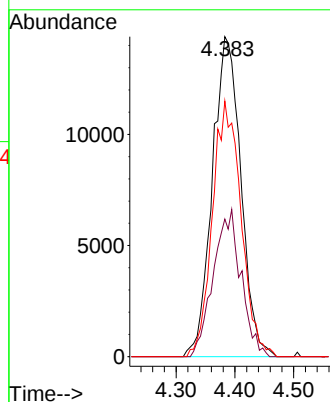
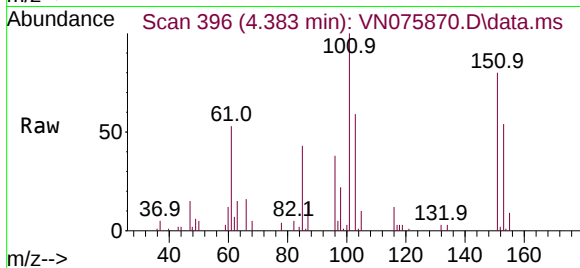
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.119 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion:101 Resp: 48506
Ion Ratio Lower Upper
101 100
85 44.6 35.3 52.9
151 80.0 65.6 98.4

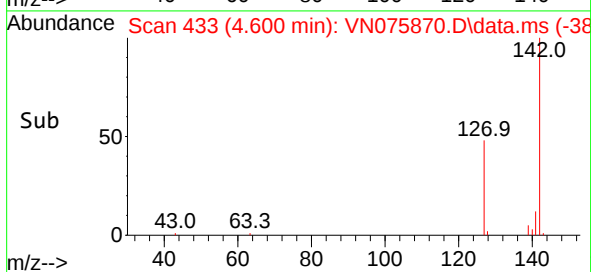
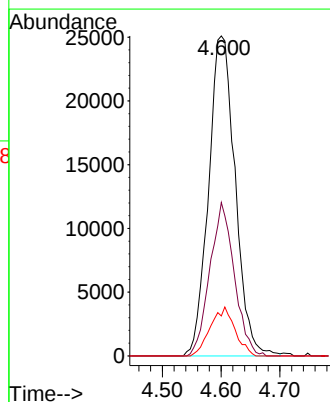
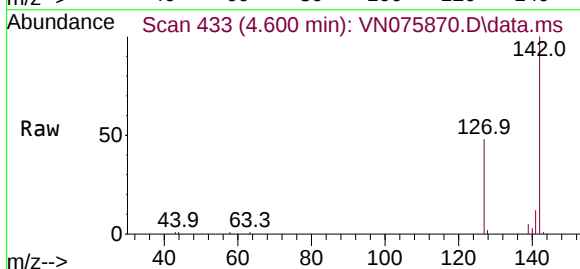
Manual Integrations
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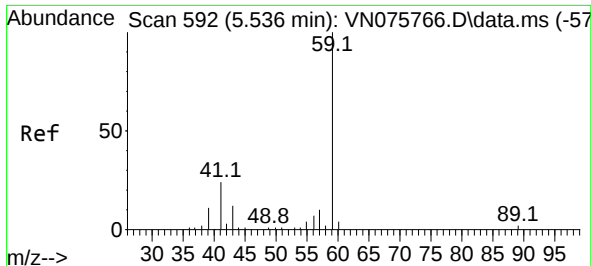
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#10
Methyl Iodide
Concen: 18.157 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion:142 Resp: 78887
Ion Ratio Lower Upper
142 100
127 44.0 34.7 52.1
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 119.091 ug/l

RT: 5.536 min Scan# 592

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 59 Resp: 53782

Ion Ratio Lower Upper

59 100

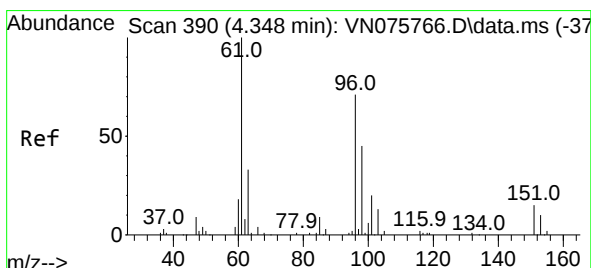
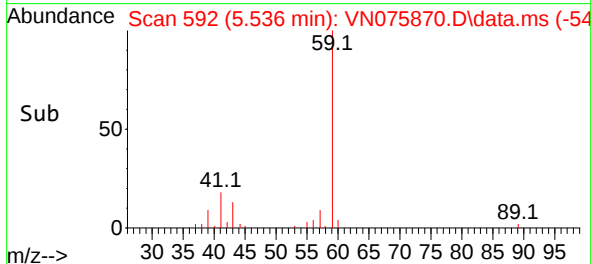
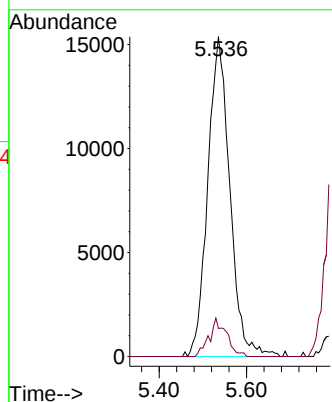
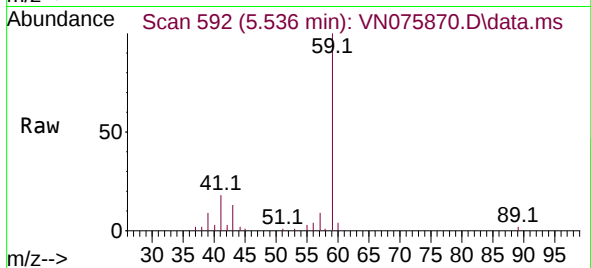
57 9.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#12

1,1-Dichloroethene

Concen: 17.456 ug/l

RT: 4.353 min Scan# 391

Delta R.T. 0.006 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

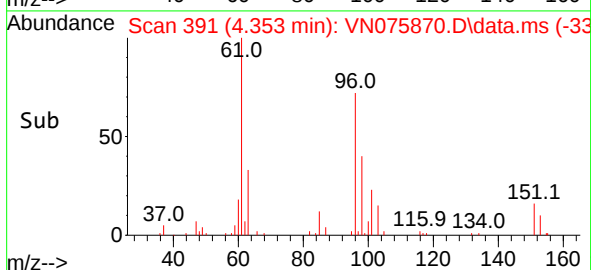
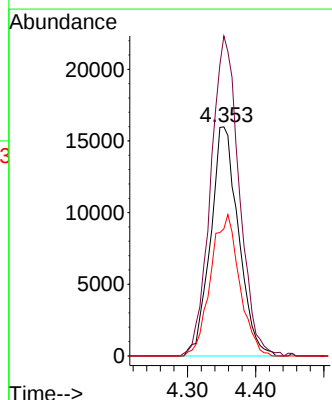
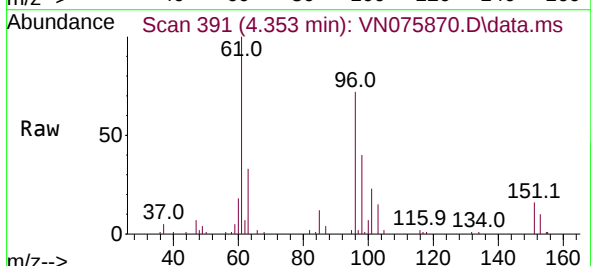
Tgt Ion: 96 Resp: 45386

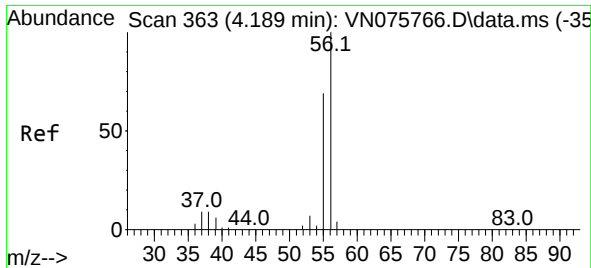
Ion Ratio Lower Upper

96 100

61 139.7 113.3 169.9

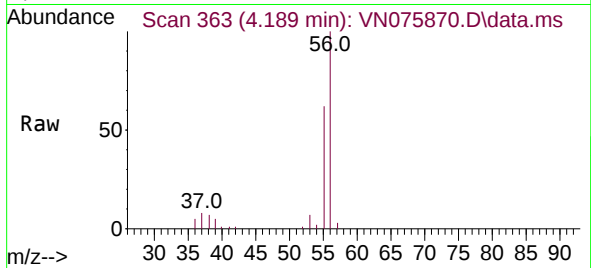
98 55.5 50.9 76.3





#13
Acrolein
Concen: 144.931 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

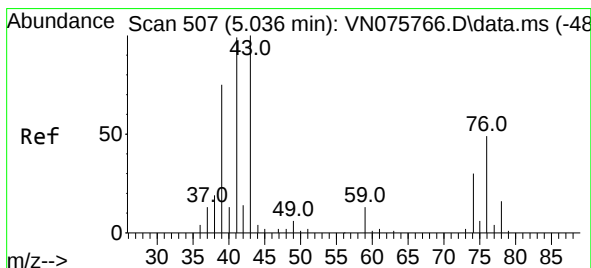
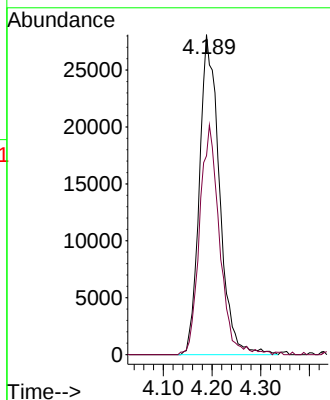
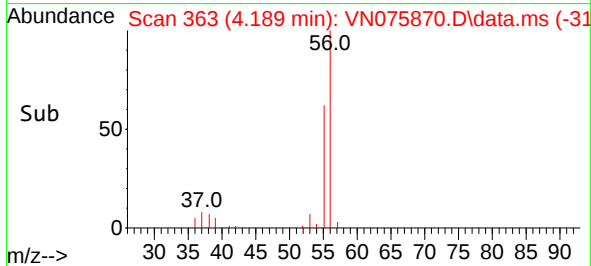
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



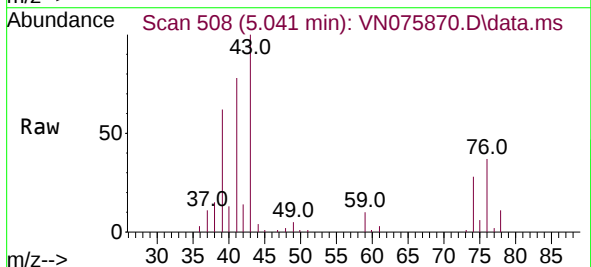
Tgt Ion: 56 Resp: 8024
Ion Ratio Lower Upper
56 100
55 70.5 54.8 82.2

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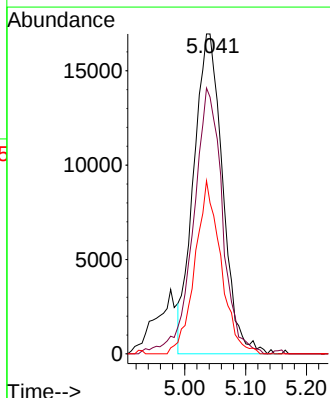
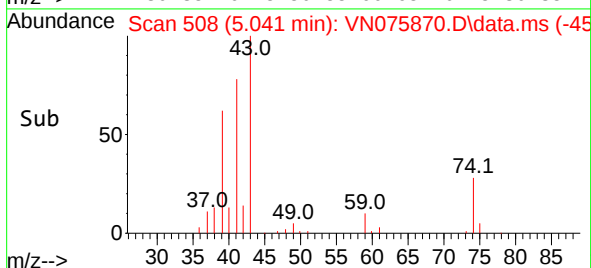
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

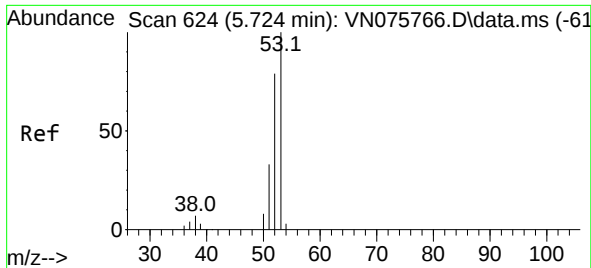


#14
Allyl chloride
Concen: 18.433 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46



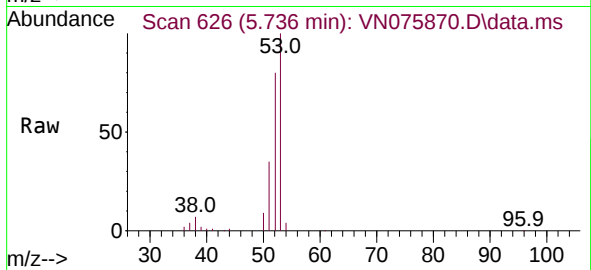
Tgt Ion: 41 Resp: 56027
Ion Ratio Lower Upper
41 100
39 83.2 58.3 87.5
76 48.4 35.8 53.6





#15
Acrylonitrile
Concen: 113.153 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

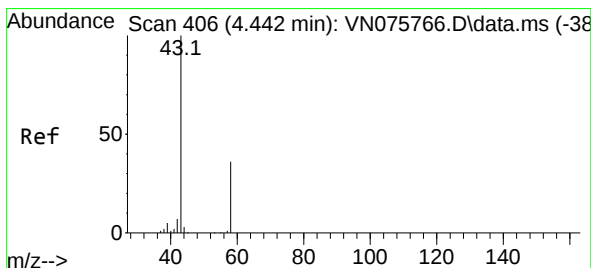
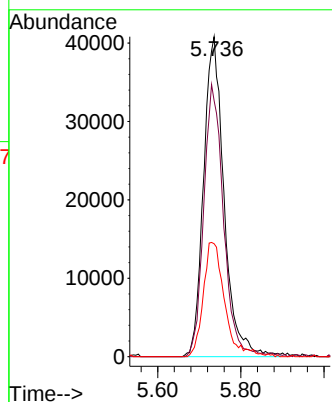
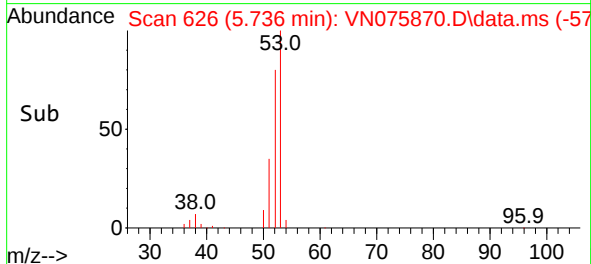
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 53 Resp: 139450
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.0
51 37.0 28.9 43.3

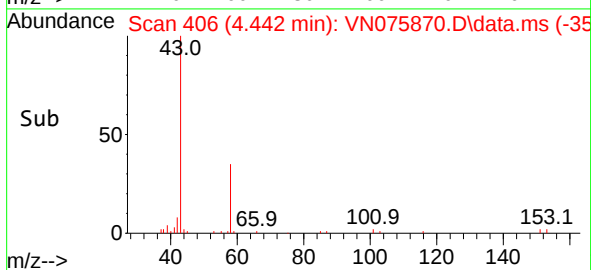
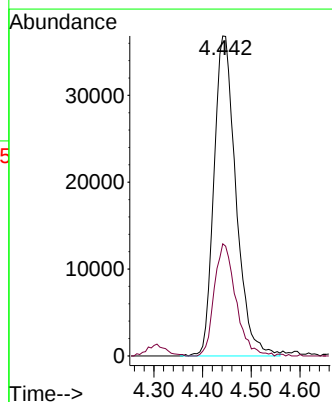
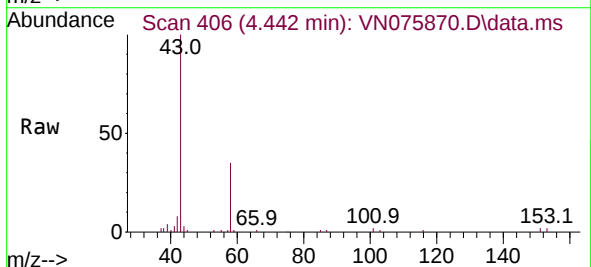
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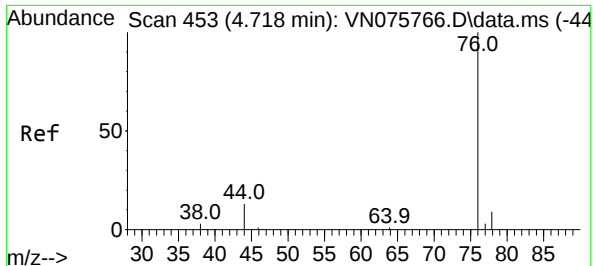
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#16
Acetone
Concen: 105.130 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 43 Resp: 115664
Ion Ratio Lower Upper
43 100
58 34.6 28.6 43.0





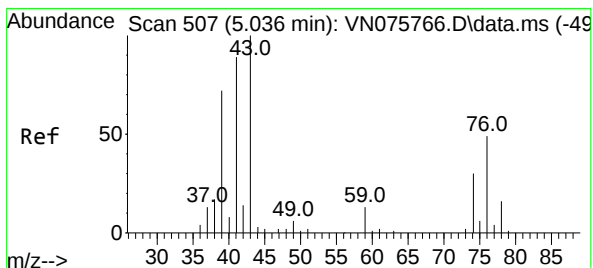
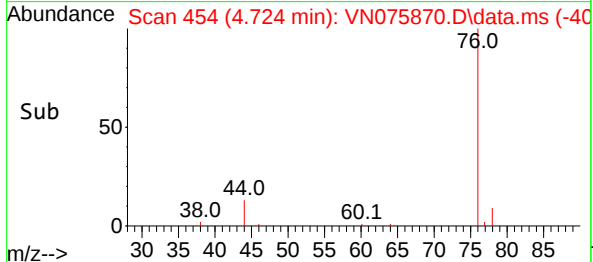
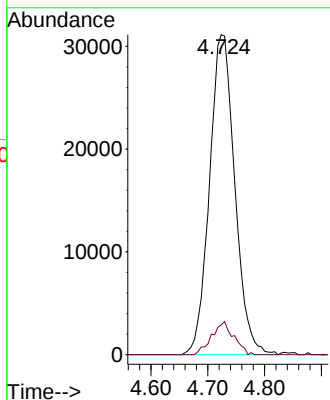
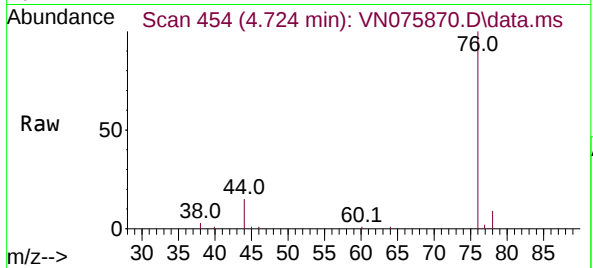
#17
Carbon Disulfide
Concen: 15.306 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 76 Resp: 96354
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

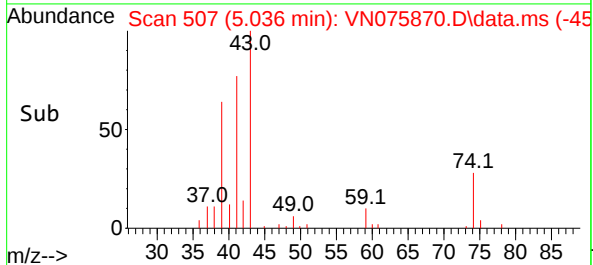
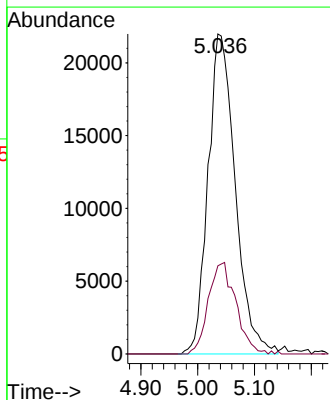
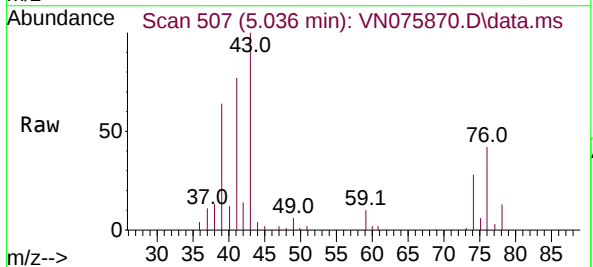
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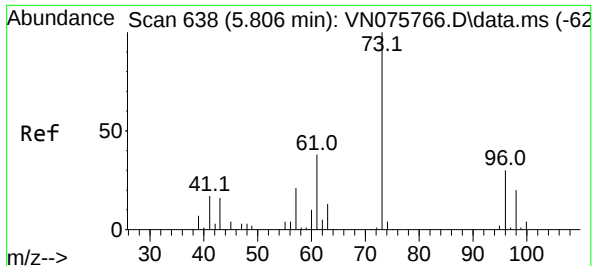
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#18
Methyl Acetate
Concen: 22.494 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 43 Resp: 73151
Ion Ratio Lower Upper
43 100
74 28.7 23.6 35.4





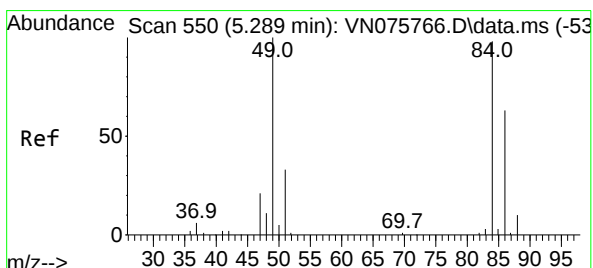
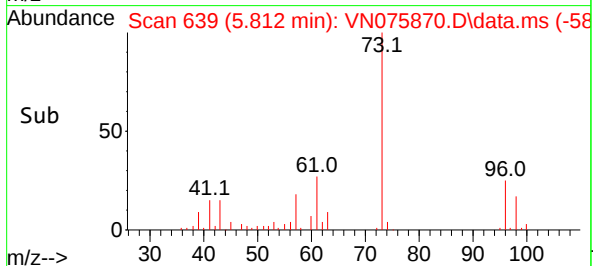
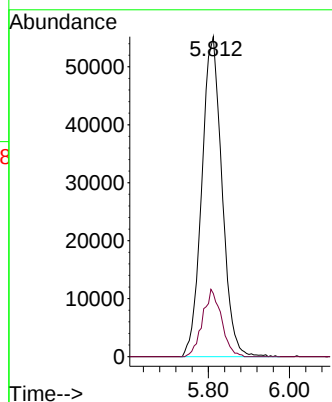
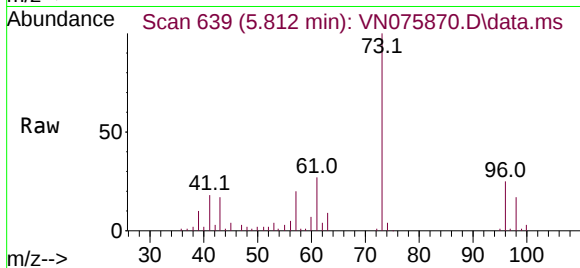
#19
Methyl tert-butyl Ether
Concen: 22.277 ug/l
RT: 5.812 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 73 Resp: 190740
Ion Ratio Lower Upper
73 100
57 19.7 17.1 25.7

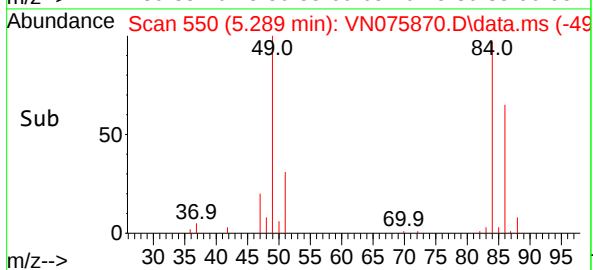
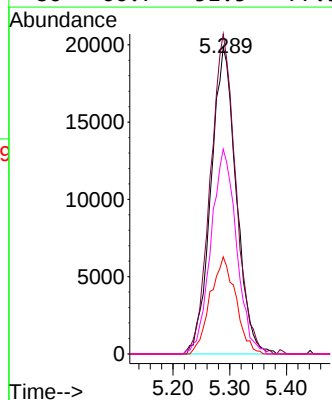
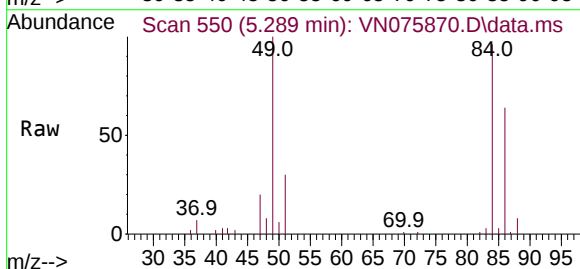
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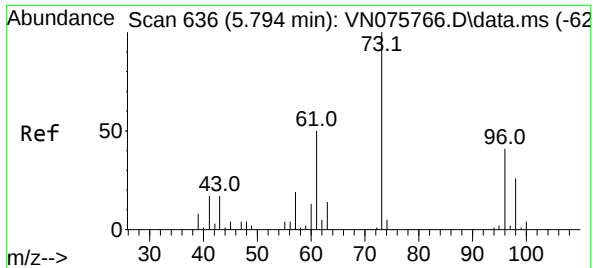
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#20
Methylene Chloride
Concen: 20.450 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 84 Resp: 61301
Ion Ratio Lower Upper
84 100
49 104.3 81.8 122.6
51 31.6 26.7 40.1
86 66.7 51.5 77.3





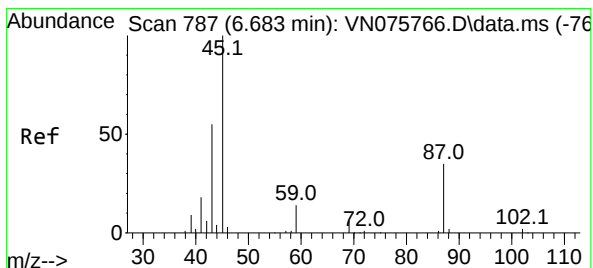
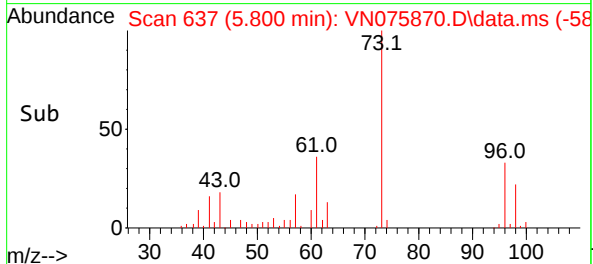
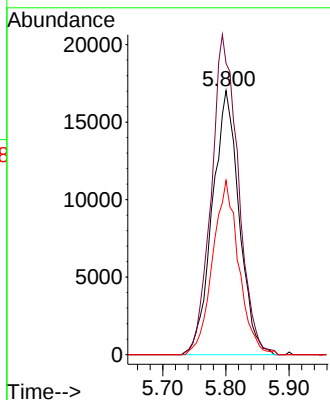
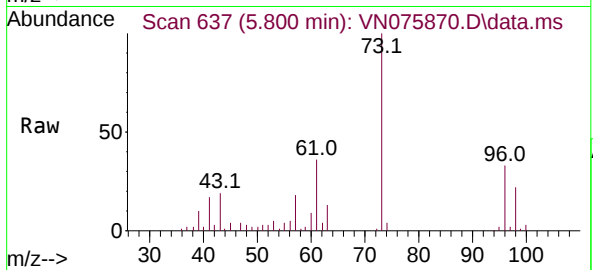
#21
trans-1,2-Dichloroethene
Concen: 17.647 ug/l
RT: 5.800 min Scan# 636
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 96 Resp: 50249
Ion Ratio Lower Upper
96 100
61 110.4 98.1 147.1
98 66.0 51.4 77.2

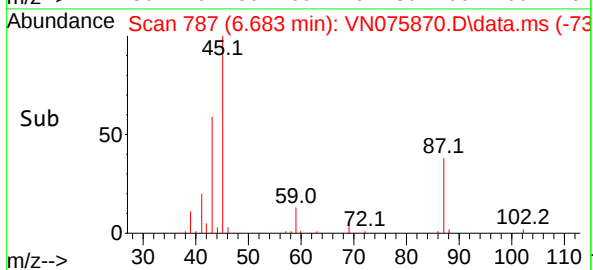
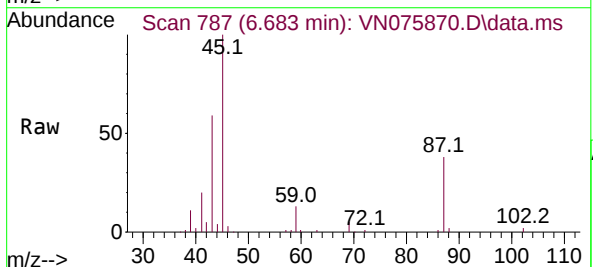
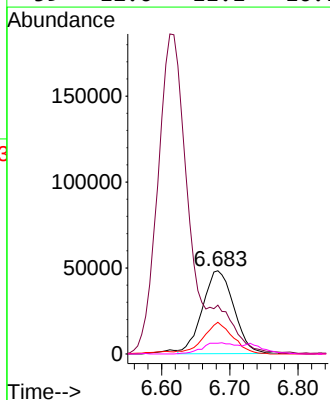
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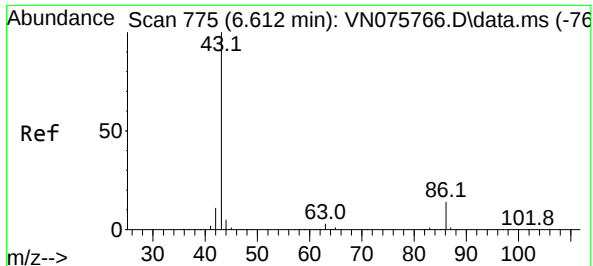
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#22
Diisopropyl ether
Concen: 20.841 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

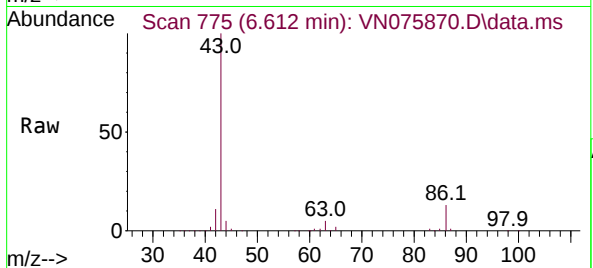
Tgt Ion: 45 Resp: 153886
Ion Ratio Lower Upper
45 100
43 56.7 44.2 66.4
87 38.3 28.3 42.5
59 12.6 11.1 16.7





#23
 Vinyl Acetate
 Concen: 114.456 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075870.D
 Acq: 19 Dec 2022 14:46

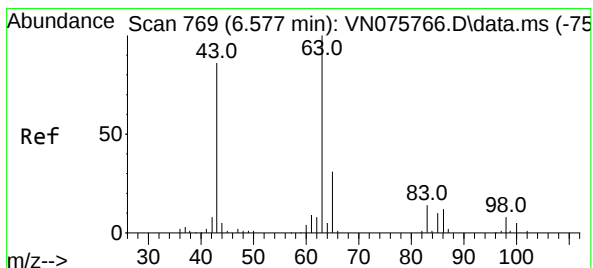
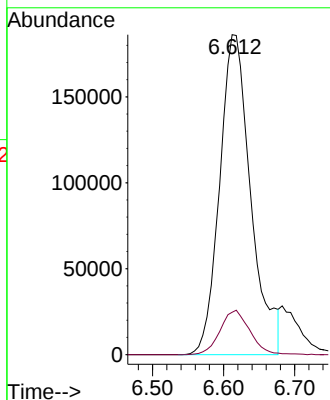
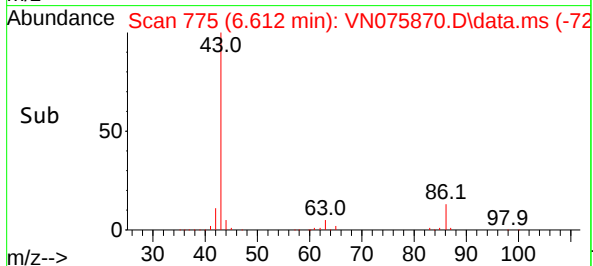
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01



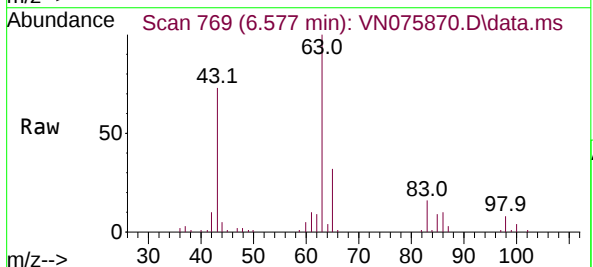
Tgt Ion: 43 Resp: 56821
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.4 17.2

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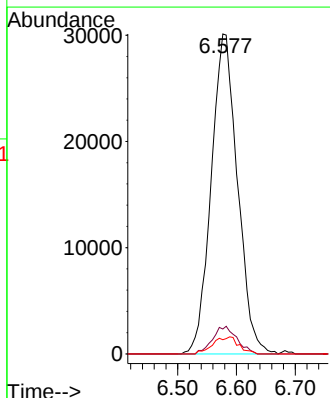
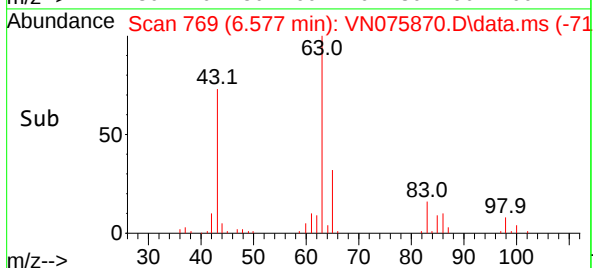
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

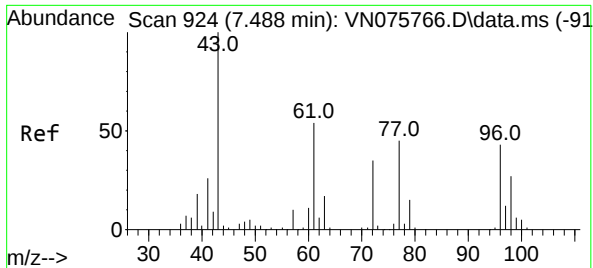


#24
 1,1-Dichloroethane
 Concen: 19.028 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075870.D
 Acq: 19 Dec 2022 14:46



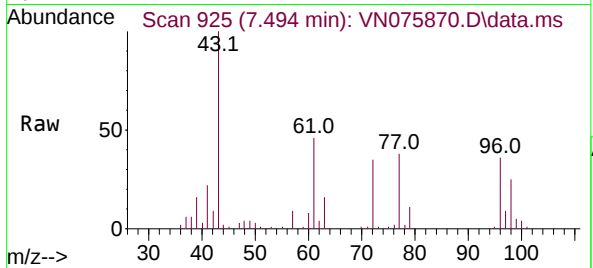
Tgt Ion: 63 Resp: 93701
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 4.4 2.5 7.6





#25
2-Butanone
Concen: 114.770 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

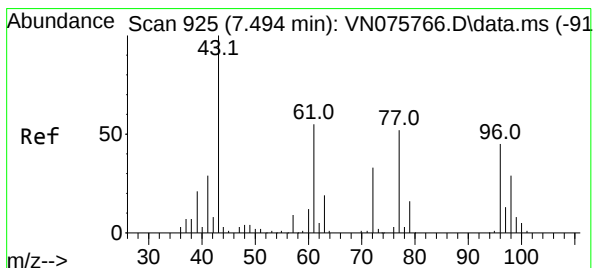
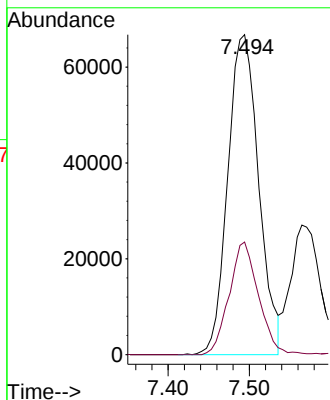
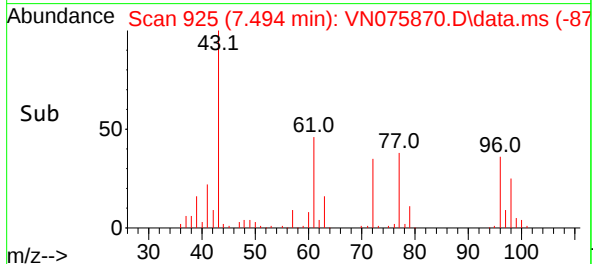
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 43 Resp: 176800
Ion Ratio Lower Upper
43 100
72 35.2 28.0 42.0

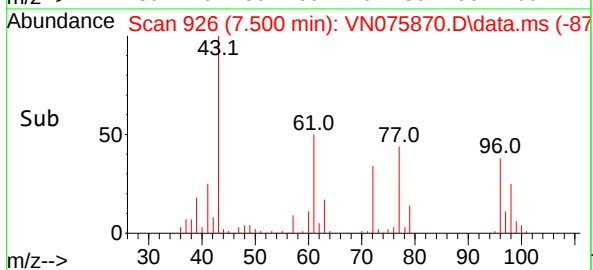
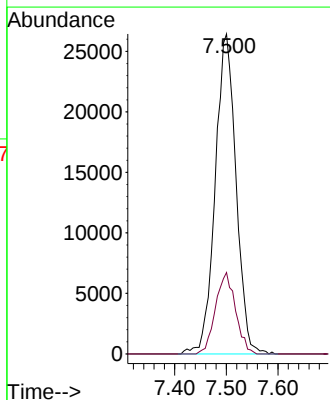
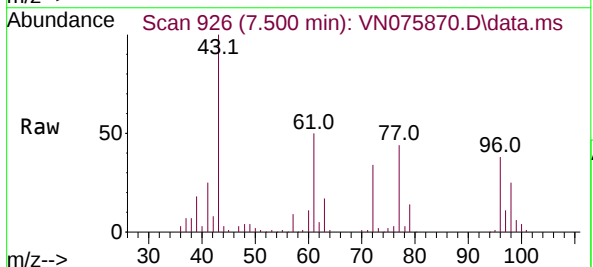
Manual Integrations
APPROVED

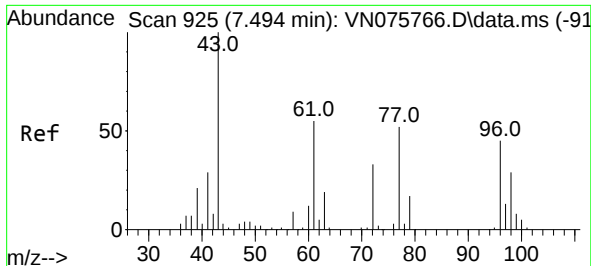
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#26
2,2-Dichloropropane
Concen: 17.804 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

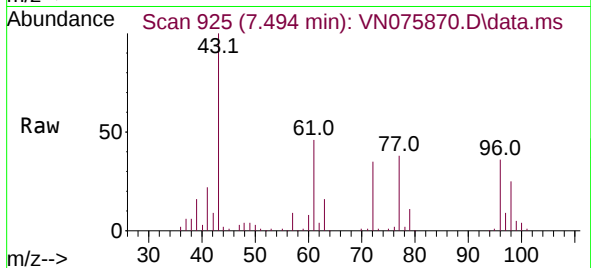
Tgt Ion: 77 Resp: 74246
Ion Ratio Lower Upper
77 100
97 24.4 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.875 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075870.D
 Acq: 19 Dec 2022 14:46

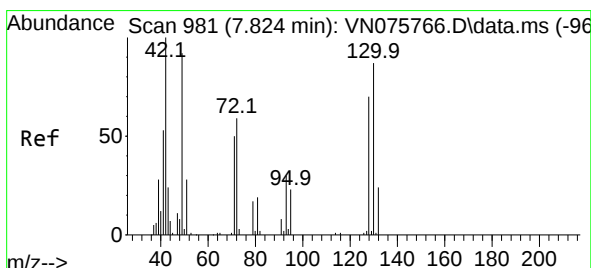
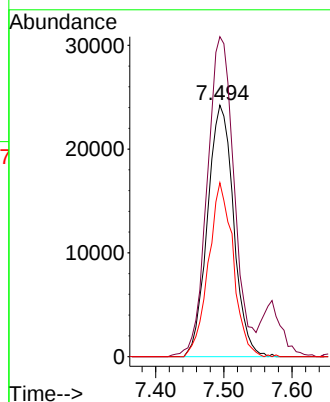
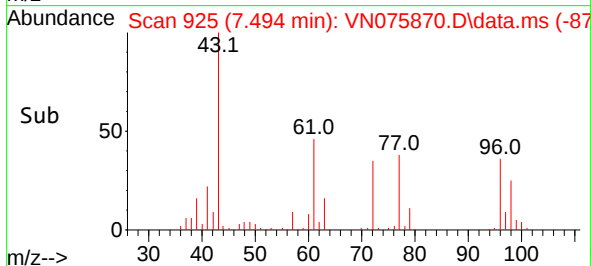
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01



Tgt Ion: 96 Resp: 64282
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 247.8
 98 65.5 0.0 128.4

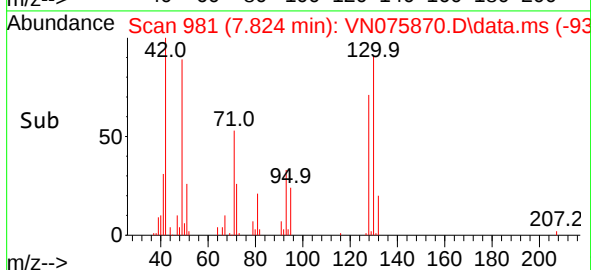
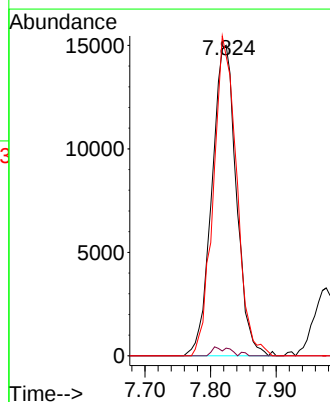
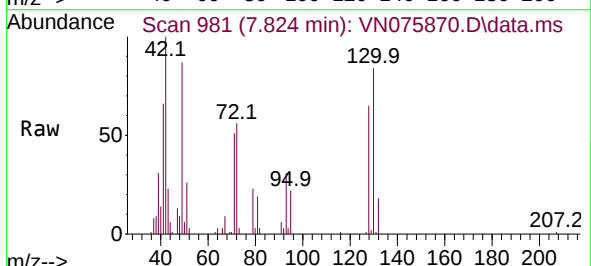
Manual Integrations
 APPROVED

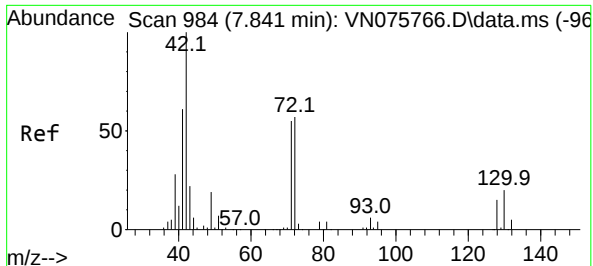
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#28
 Bromochloromethane
 Concen: 18.089 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN075870.D
 Acq: 19 Dec 2022 14:46

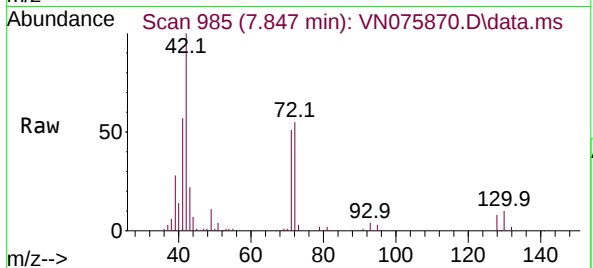
Tgt Ion: 49 Resp: 39041
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 5.0
 130 97.7 77.0 115.4





#29
Tetrahydrofuran
Concen: 118.165 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

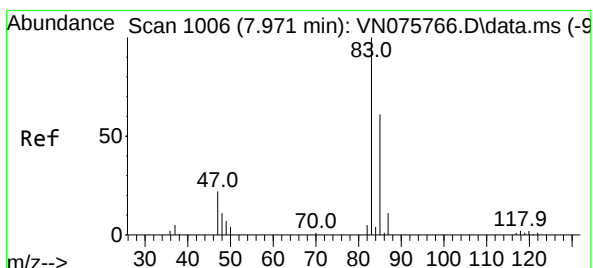
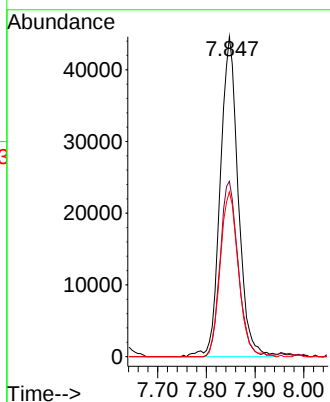
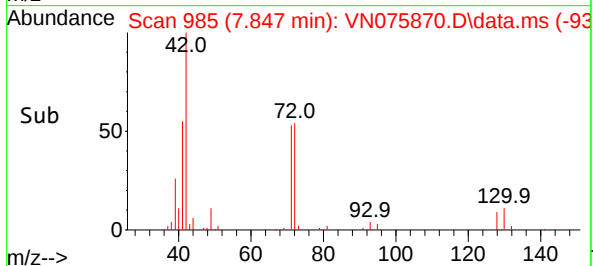
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 42 Resp: 114074
Ion Ratio Lower Upper
42 100
72 55.0 44.5 66.7
71 52.3 41.0 61.6

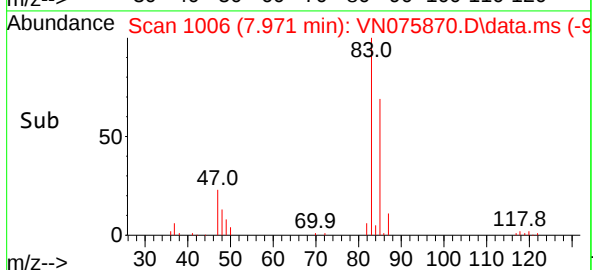
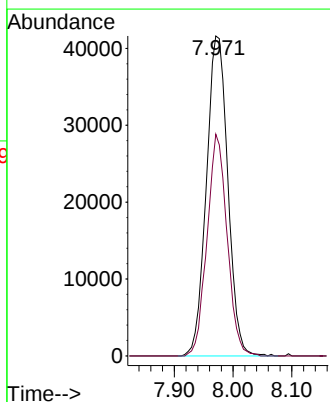
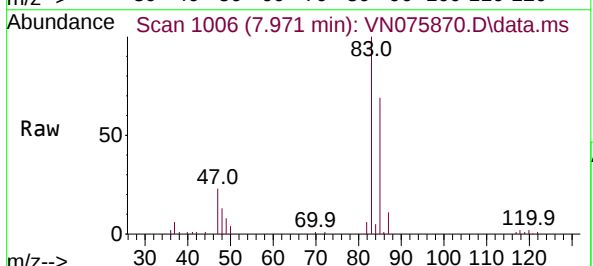
Manual Integrations
APPROVED

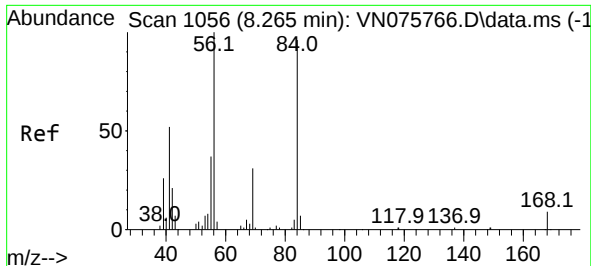
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#30
Chloroform
Concen: 18.990 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

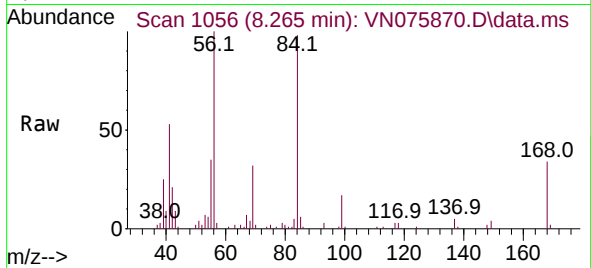
Tgt Ion: 83 Resp: 105284
Ion Ratio Lower Upper
83 100
85 69.3 49.1 73.7





#31
Cyclohexane
Concen: 18.129 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

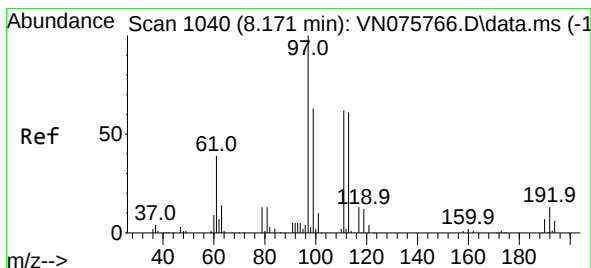
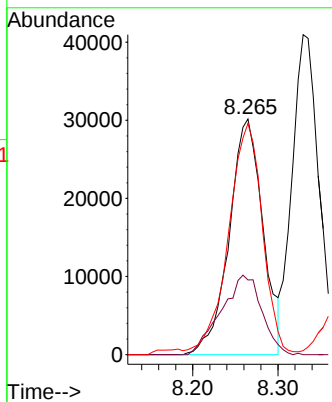
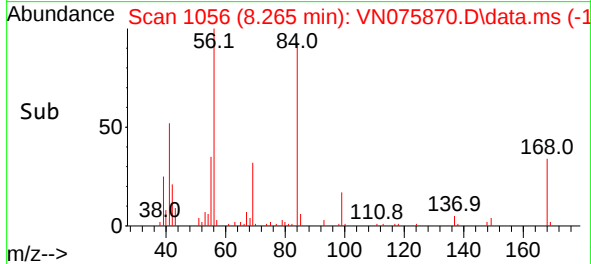
Instrument :
MSVOA_N
Client Sample Id :
VN1219WBSD01



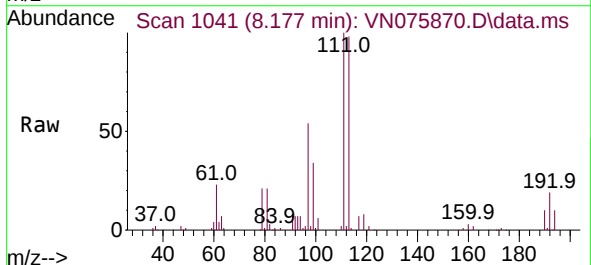
Tgt Ion: 56 Resp: 82866
Ion Ratio Lower Upper
56 100
69 31.7 24.7 37.1
84 95.8 76.5 114.7

Manual Integrations
APPROVED

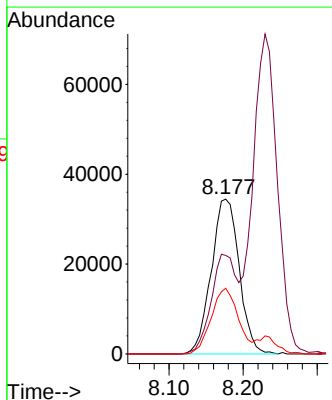
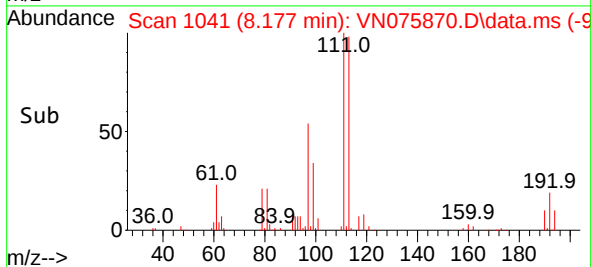
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

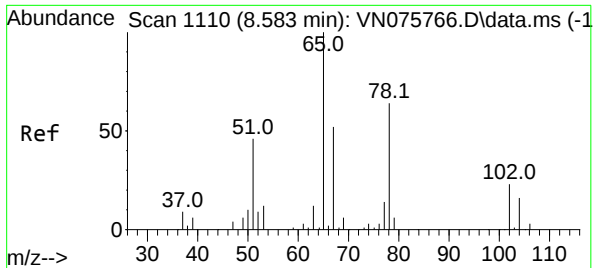


#32
1,1,1-Trichloroethane
Concen: 18.299 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46



Tgt Ion: 97 Resp: 89944
Ion Ratio Lower Upper
97 100
99 59.0 50.2 75.2
61 41.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 55.977 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 65 Resp: 178656

Ion Ratio Lower Upper

65 100

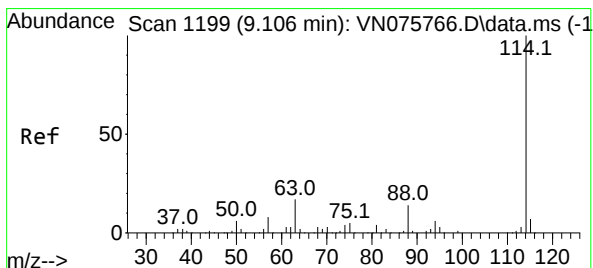
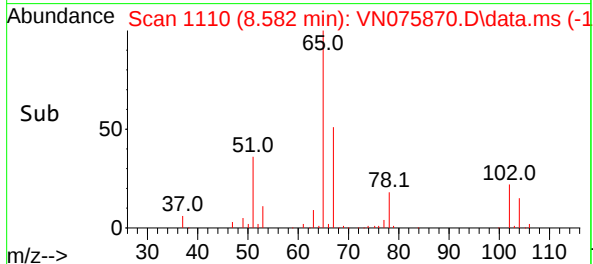
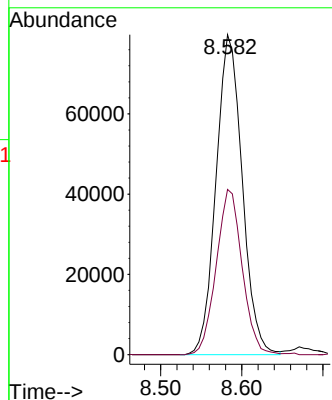
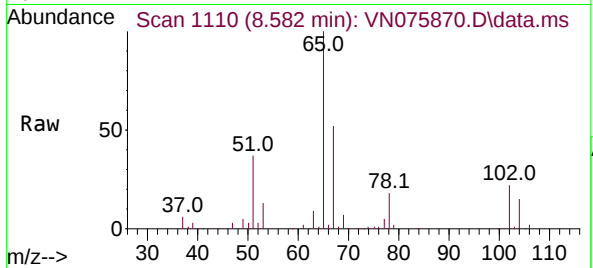
67 51.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

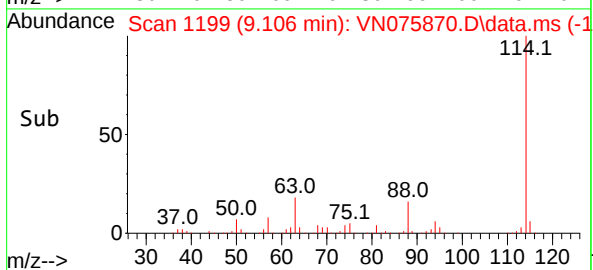
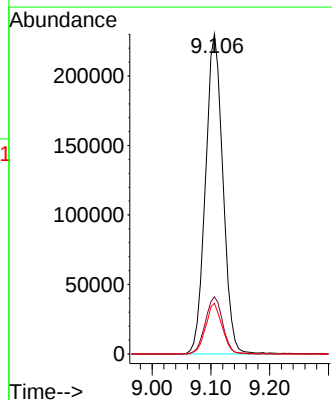
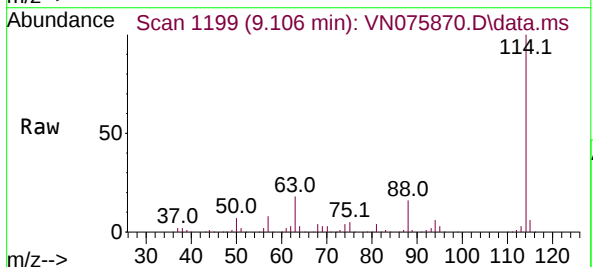
Tgt Ion:114 Resp: 473869

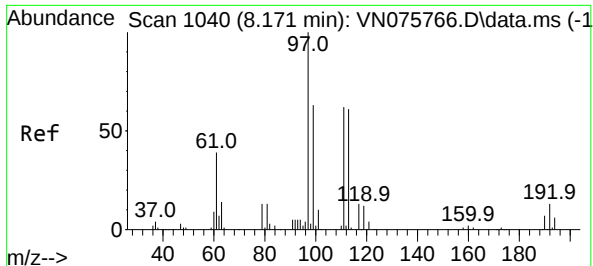
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 15.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.422 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion:113 Resp: 153839

Ion Ratio Lower Upper

113 100

111 100.5 83.4 125.2

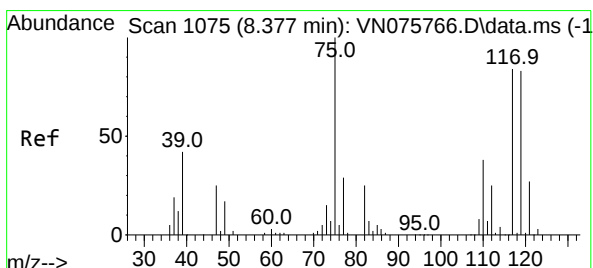
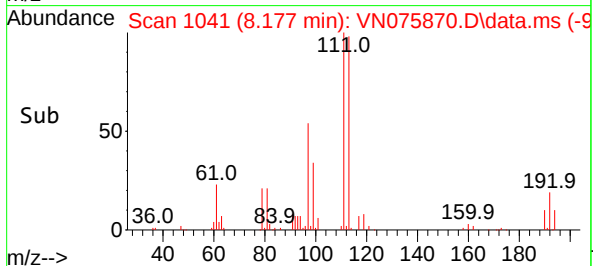
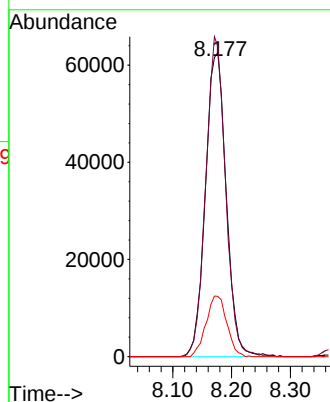
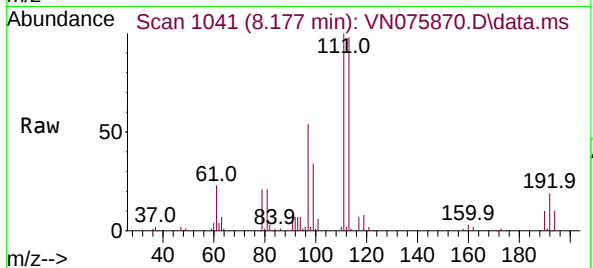
192 19.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#36

1,1-Dichloropropene

Concen: 17.514 ug/l

RT: 8.382 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

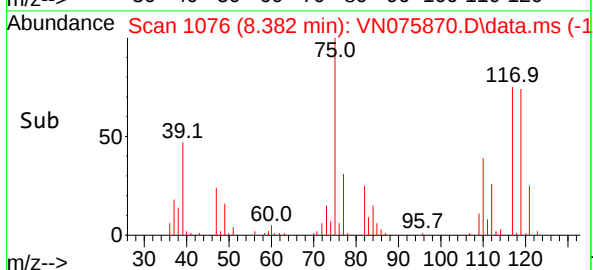
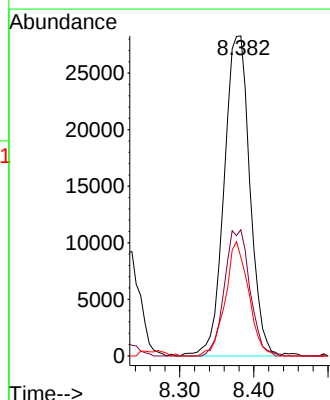
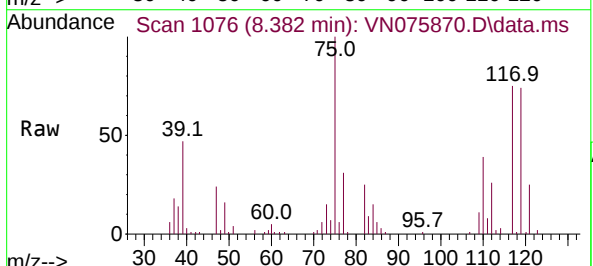
Tgt Ion: 75 Resp: 68276

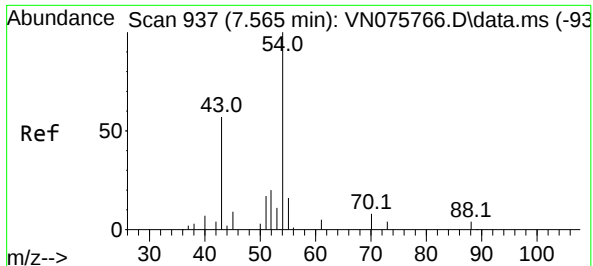
Ion Ratio Lower Upper

75 100

110 39.0 18.8 56.4

77 32.2 24.1 36.1





#37

Ethyl Acetate

Concen: 22.659 ug/l

RT: 7.565 min Scan# 937

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 43 Resp: 70953

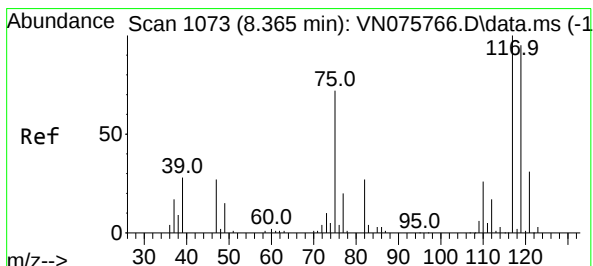
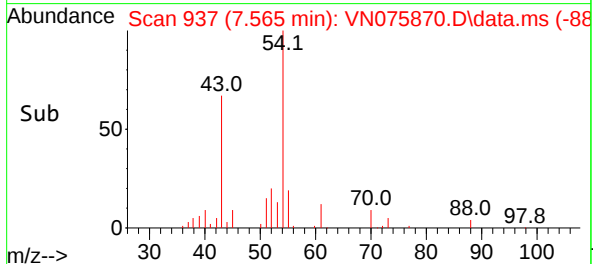
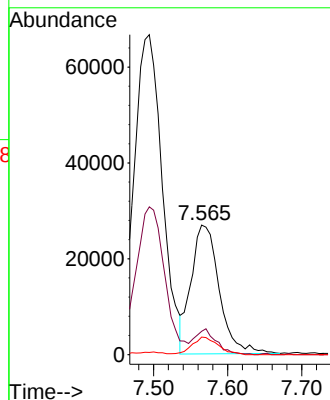
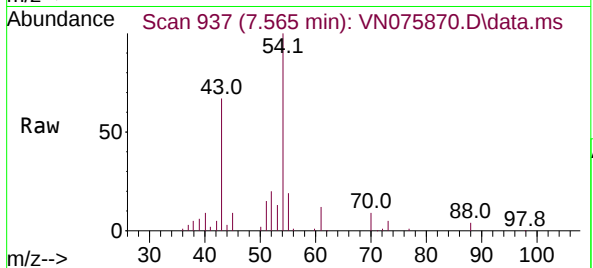
Ion	Ratio	Lower	Upper
43	100		
61	15.1	13.0	19.4
70	12.5	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#38

Carbon Tetrachloride

Concen: 17.942 ug/l

RT: 8.371 min Scan# 1074

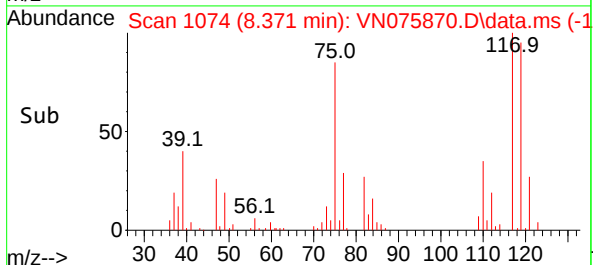
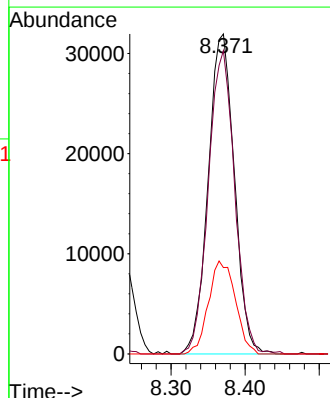
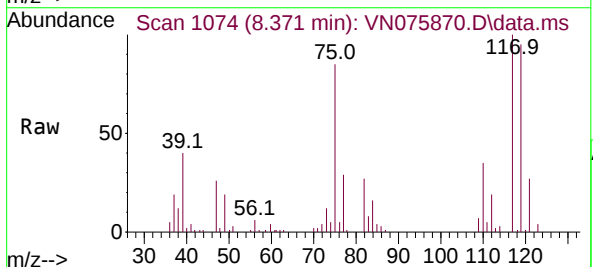
Delta R.T. 0.006 min

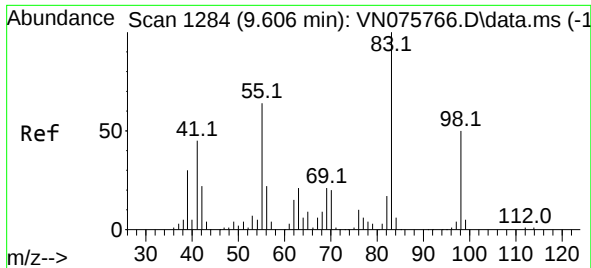
Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Tgt Ion:117 Resp: 78282

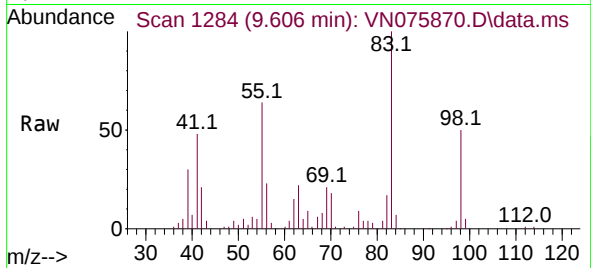
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.1	114.1
121	27.0	24.5	36.7





#39
Methylcyclohexane
Concen: 18.663 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

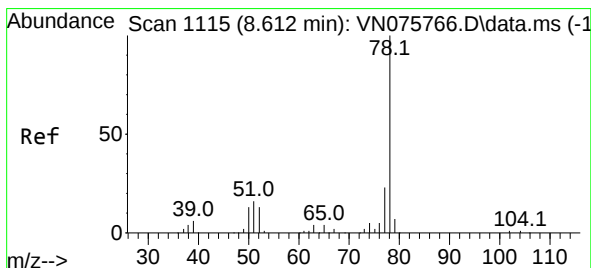
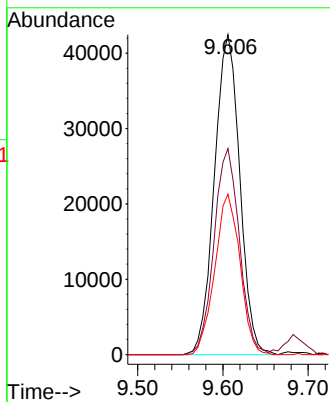
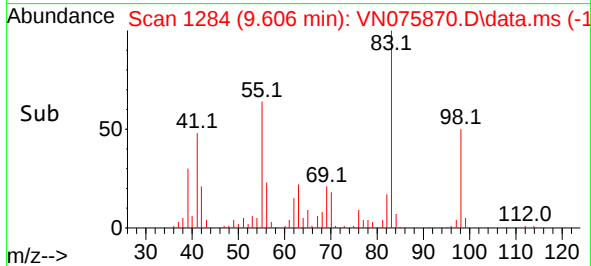
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 83 Resp: 87773
Ion Ratio Lower Upper
83 100
55 64.4 51.4 77.0
98 50.1 39.8 59.8

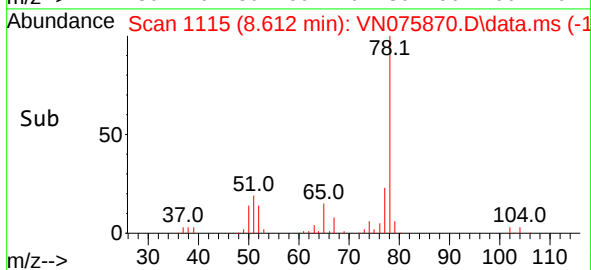
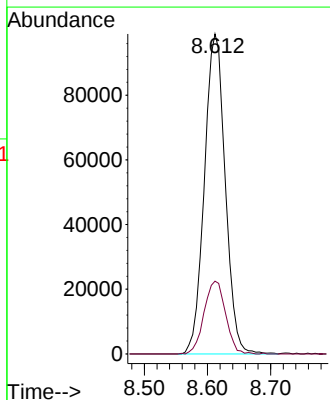
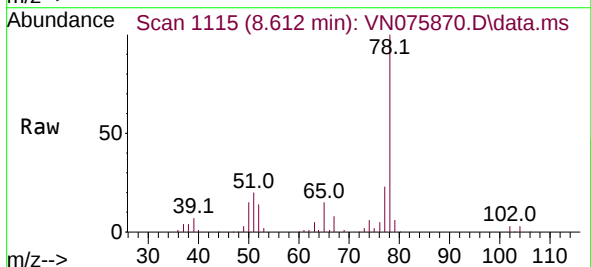
Manual Integrations
APPROVED

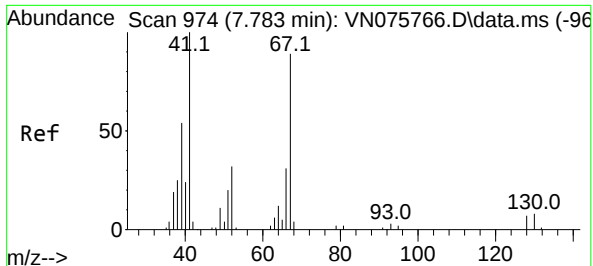
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#40
Benzene
Concen: 18.853 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

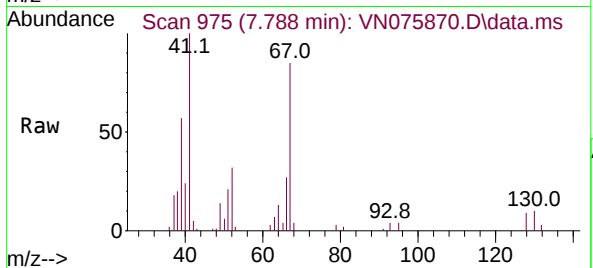
Tgt Ion: 78 Resp: 226756
Ion Ratio Lower Upper
78 100
77 22.7 18.5 27.7





#41
Methacrylonitrile
Concen: 24.590 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

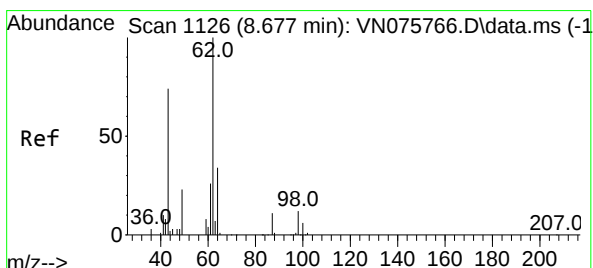
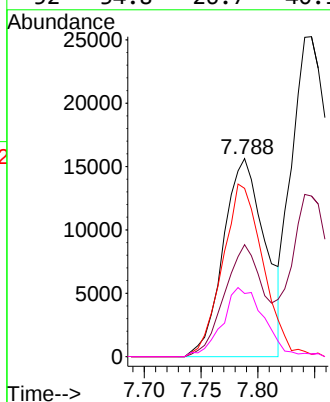
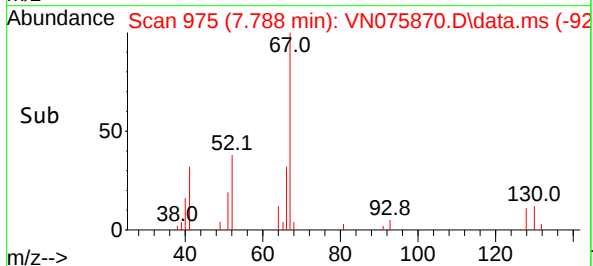
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 41 Resp: 40023
Ion Ratio Lower Upper
41 100
39 51.7 43.1 64.7
67 84.8 70.7 106.1
52 34.8 26.7 40.1

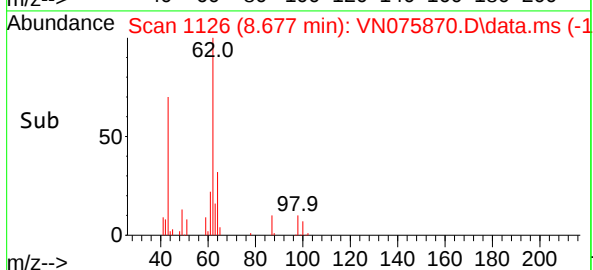
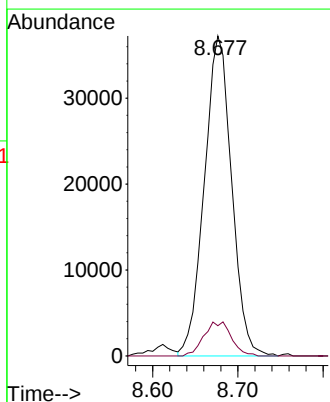
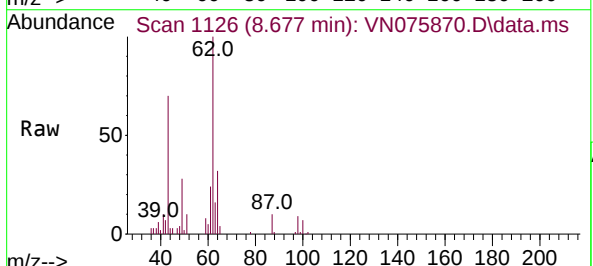
Manual Integrations
APPROVED

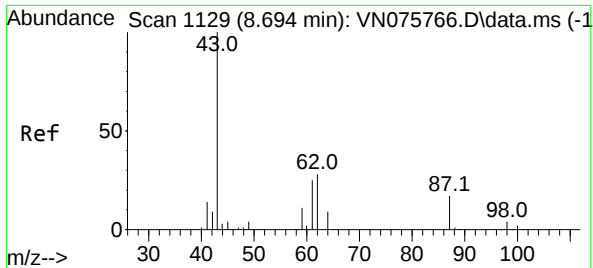
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#42
1,2-Dichloroethane
Concen: 20.728 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

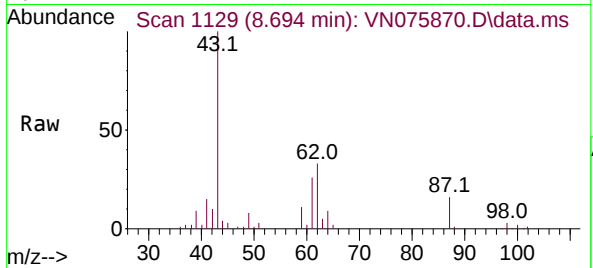
Tgt Ion: 62 Resp: 82883
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.8





#43
Isopropyl Acetate
Concen: 23.273 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

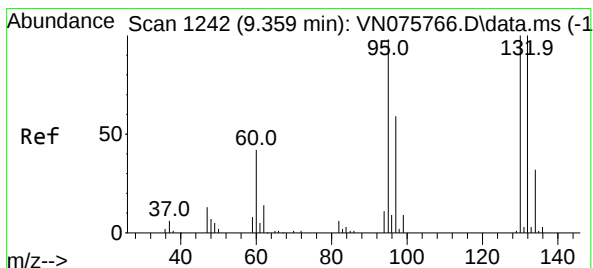
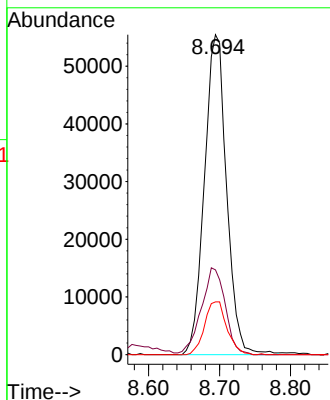
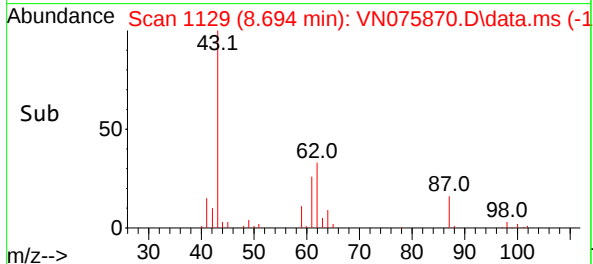
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 43 Resp: 120210
Ion Ratio Lower Upper
43 100
61 29.3 24.2 36.4
87 16.6 13.3 19.9

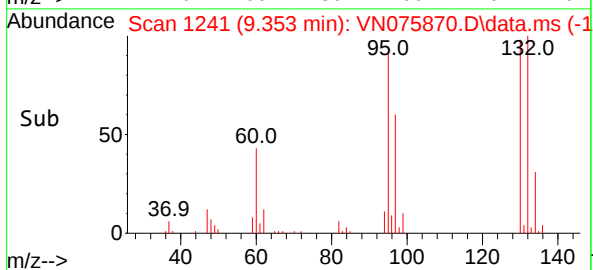
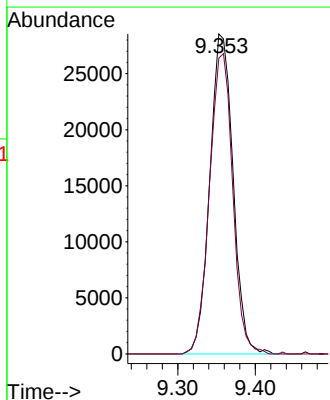
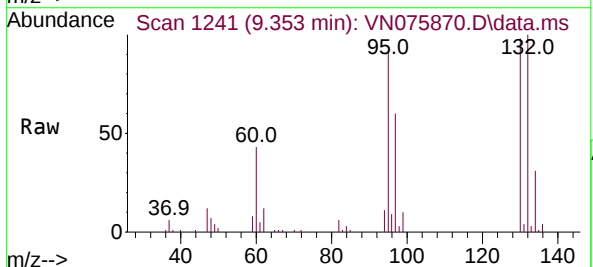
Manual Integrations
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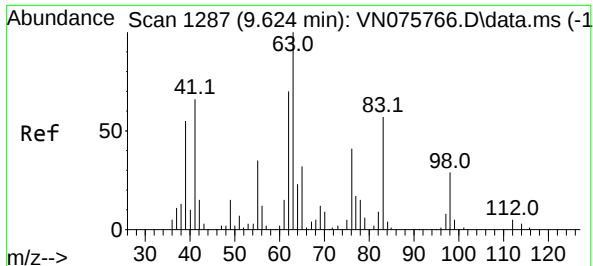
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#44
Trichloroethene
Concen: 17.568 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion:130 Resp: 59529
Ion Ratio Lower Upper
130 100
95 92.4 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.160 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 63 Resp: 56080

Ion Ratio Lower Upper

63 100

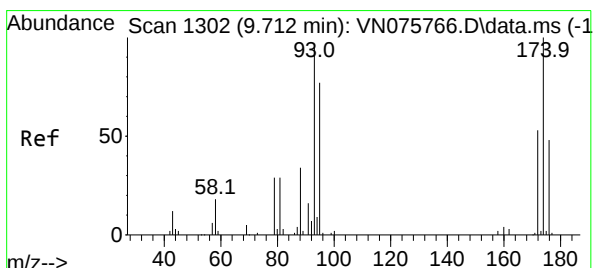
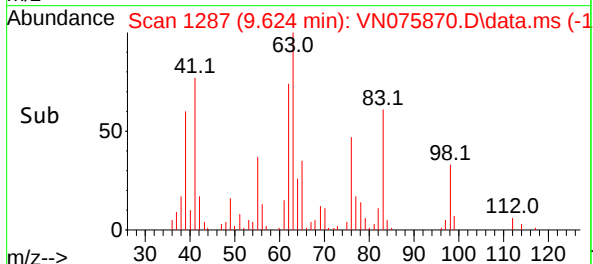
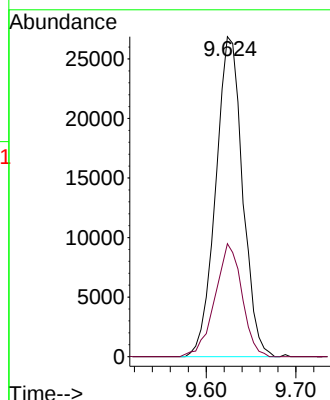
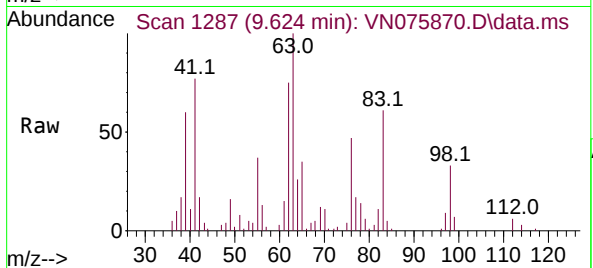
65 35.3 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#46

Dibromomethane

Concen: 20.391 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

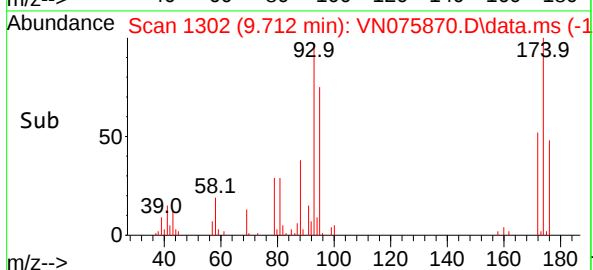
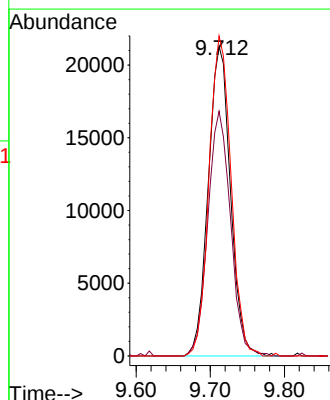
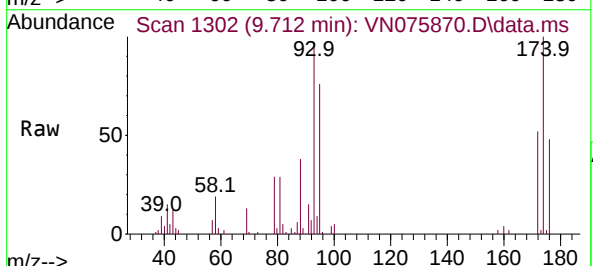
Tgt Ion: 93 Resp: 44267

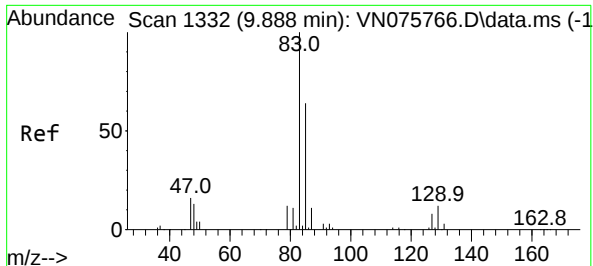
Ion Ratio Lower Upper

93 100

95 80.6 65.2 97.8

174 102.1 82.4 123.6





#47

Bromodichloromethane

Concen: 19.914 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 83 Resp: 84779

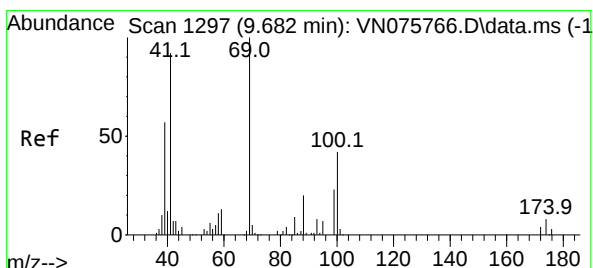
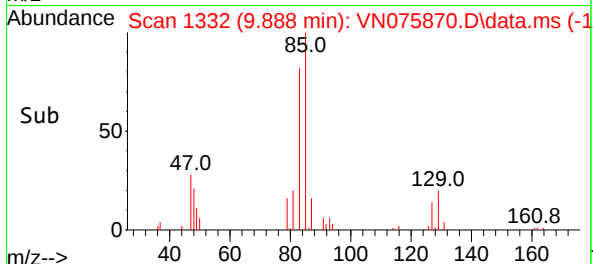
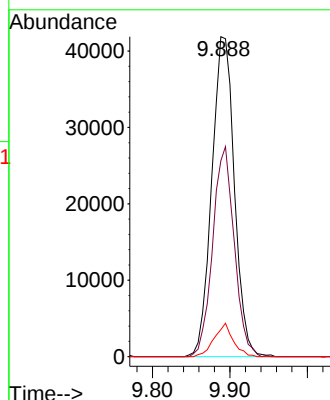
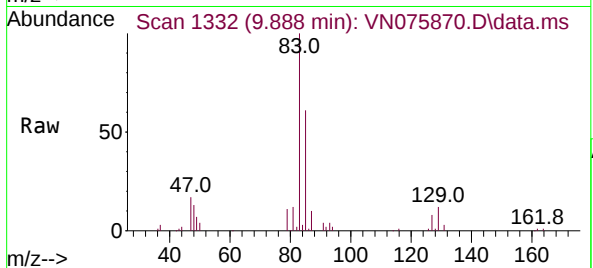
Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.5	77.3
127	8.4	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#48

Methyl methacrylate

Concen: 23.325 ug/l

RT: 9.688 min Scan# 1298

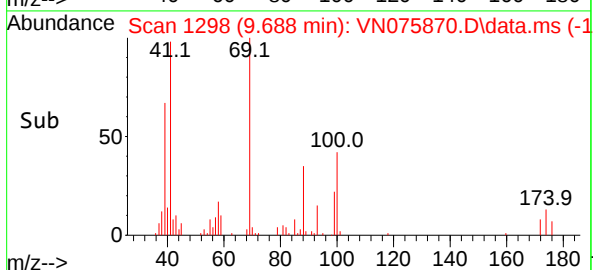
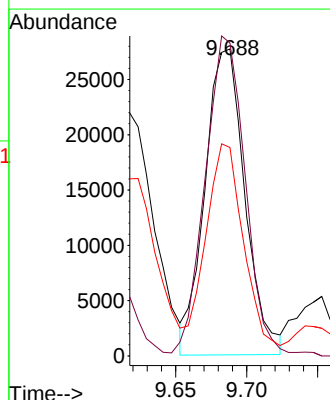
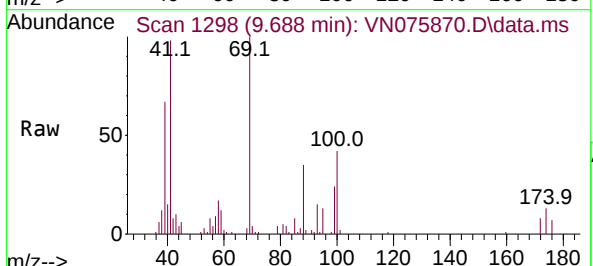
Delta R.T. 0.006 min

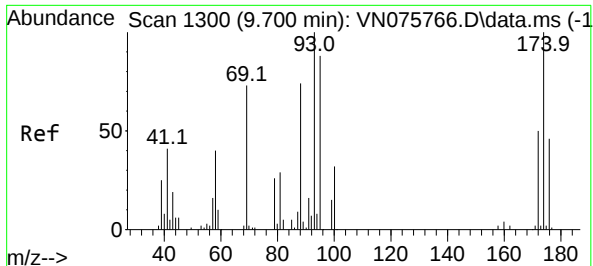
Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Tgt Ion: 41 Resp: 54264

Ion	Ratio	Lower	Upper
41	100		
69	104.8	81.9	122.9
39	67.3	51.6	77.4





#49

1,4-Dioxane

Concen: 465.402 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 88 Resp: 26618

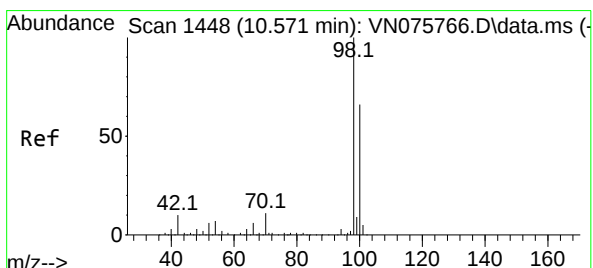
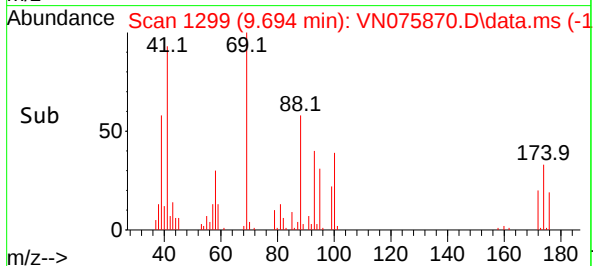
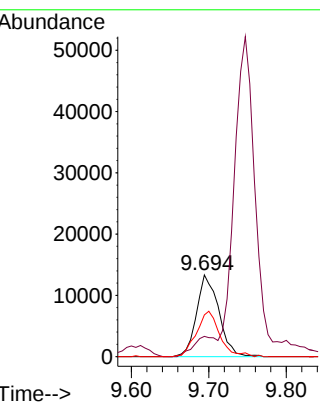
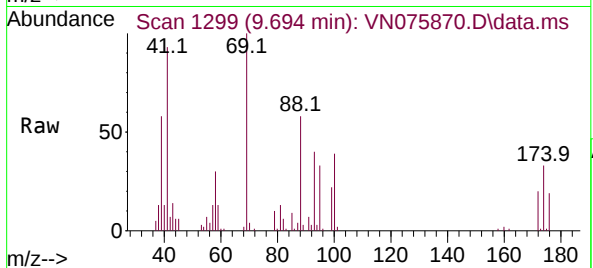
Ion	Ratio	Lower	Upper
88	100		
43	26.0	17.1	25.7
58	58.2	47.8	71.8

Manual Integrations

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Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#50

Toluene-d8

Concen: 49.911 ug/l

RT: 10.571 min Scan# 1448

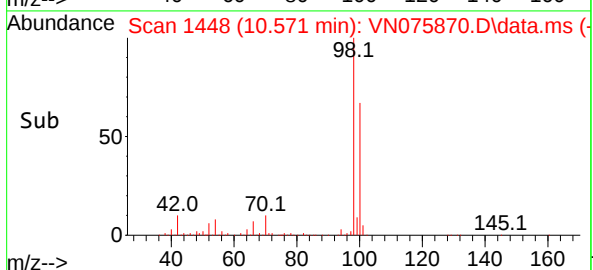
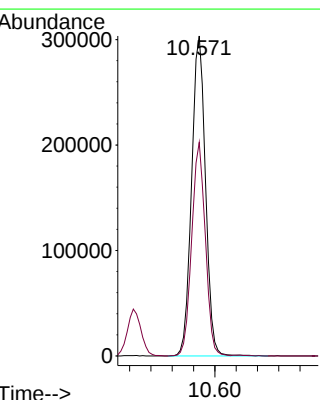
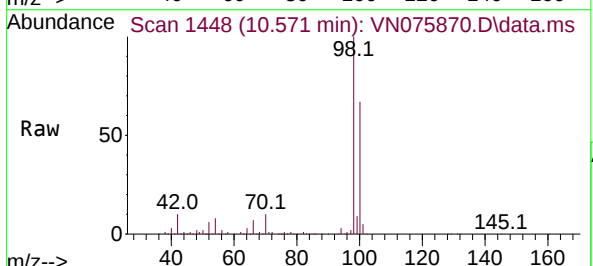
Delta R.T. -0.000 min

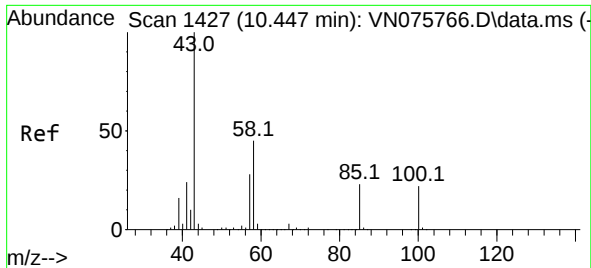
Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Tgt Ion: 98 Resp: 547626

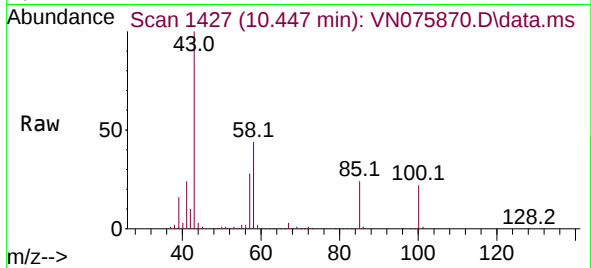
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 120.365 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

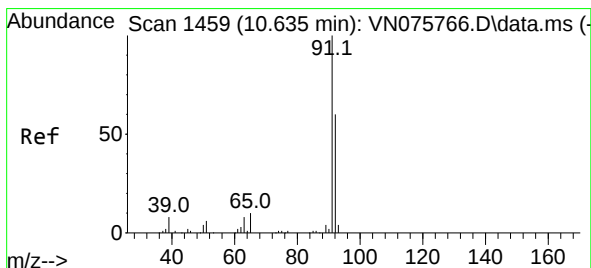
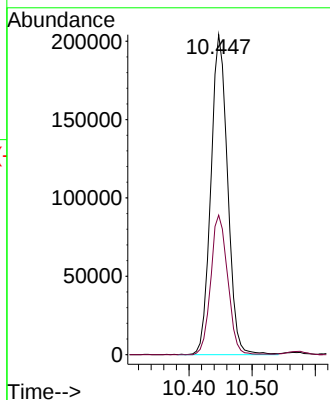
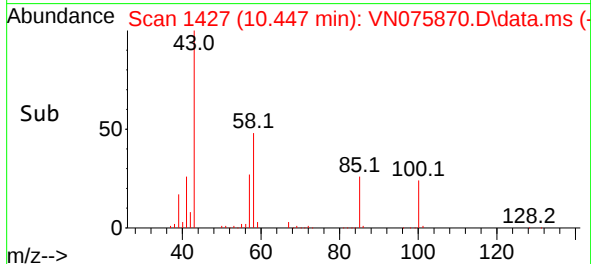
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 43 Resp: 375992
Ion Ratio Lower Upper
43 100
58 44.0 35.5 53.3

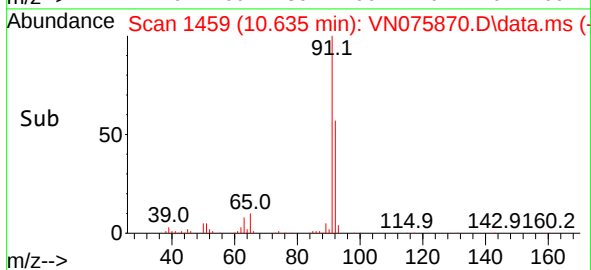
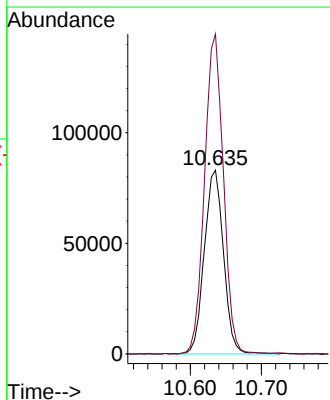
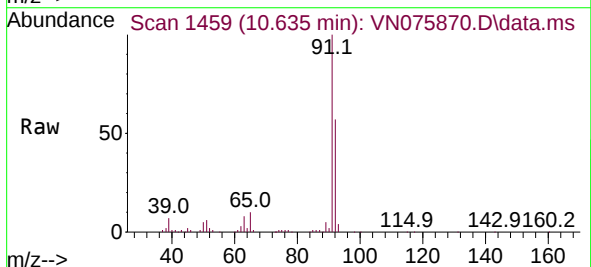
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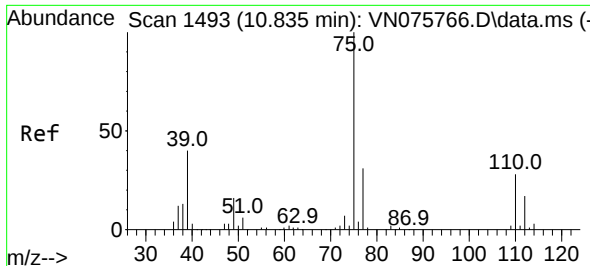
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#52
Toluene
Concen: 19.882 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 92 Resp: 155745
Ion Ratio Lower Upper
92 100
91 171.4 137.3 205.9





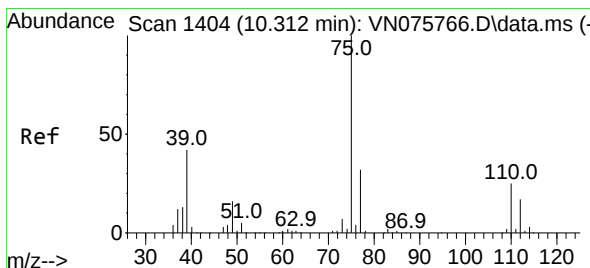
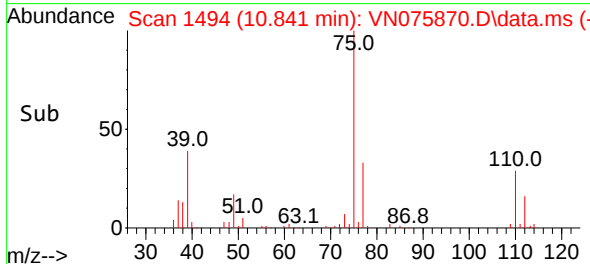
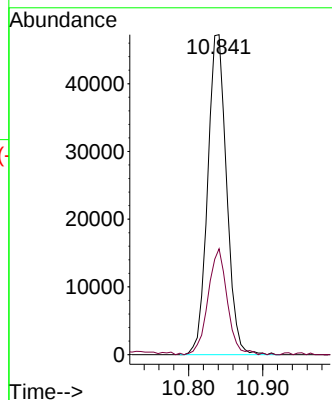
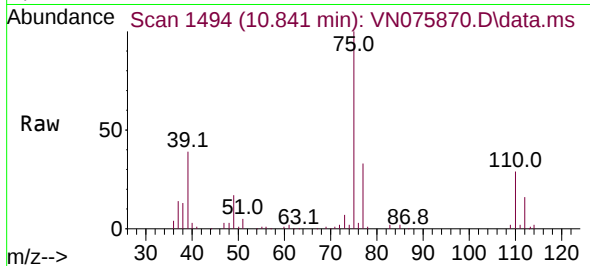
#53
t-1,3-Dichloropropene
Concen: 20.074 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 75 Resp: 83652
Ion Ratio Lower Upper
75 100
77 33.1 24.9 37.3

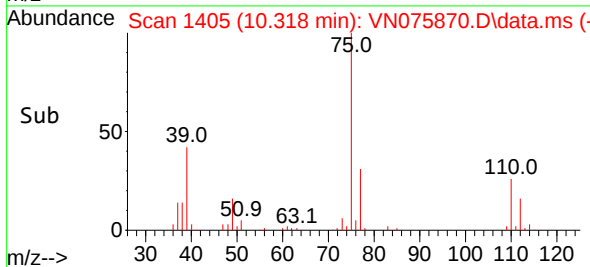
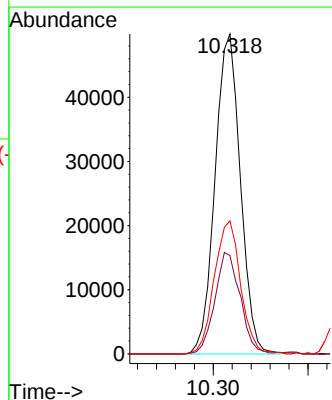
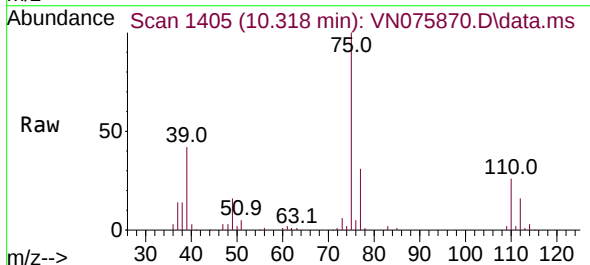
Manual Integrations
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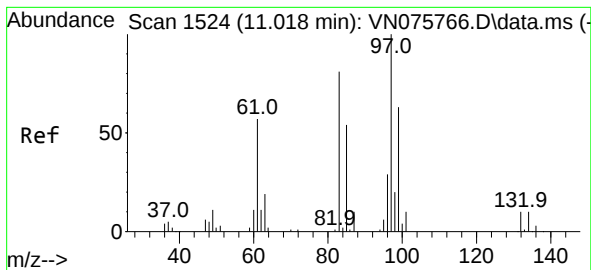
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#54
cis-1,3-Dichloropropene
Concen: 20.230 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

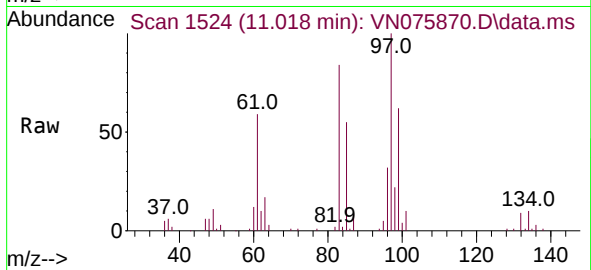
Tgt Ion: 75 Resp: 92562
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8
39 41.6 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 21.080 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

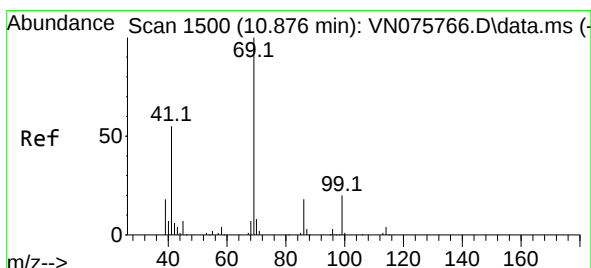
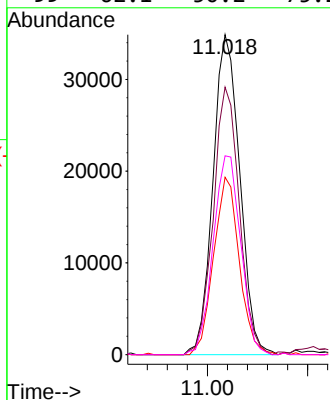
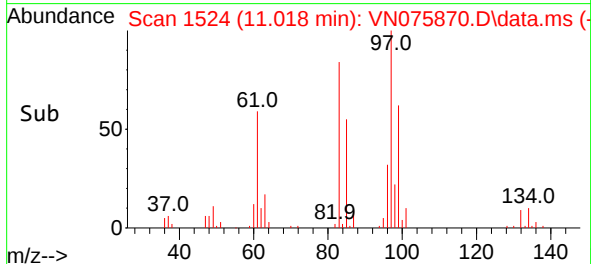


Tgt Ion: 97 Resp: 64812

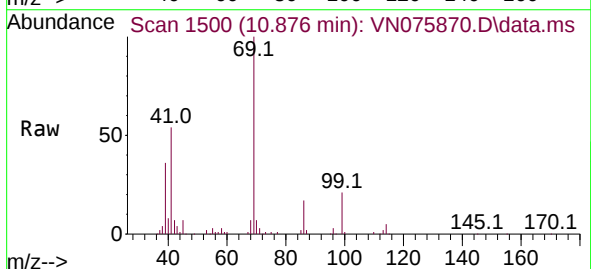
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.0	97.4
85	55.4	43.0	64.6
99	62.1	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

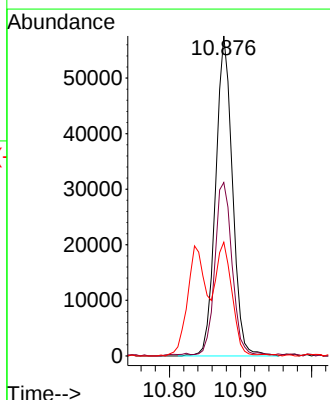
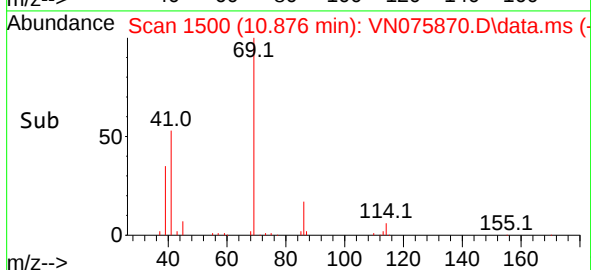


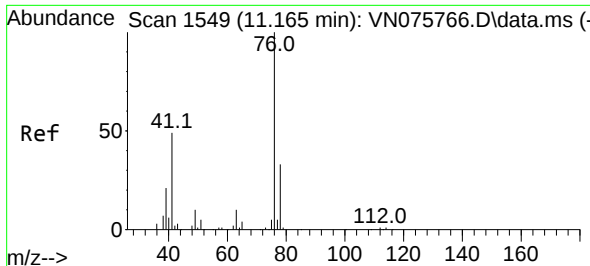
#56
Ethyl methacrylate
Concen: 23.315 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46



Tgt Ion: 69 Resp: 95215

Ion	Ratio	Lower	Upper
69	100		
41	55.0	44.2	66.4
39	32.9	26.4	39.6





#57

1,3-Dichloropropane

Concen: 21.265 ug/l

RT: 11.165 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 76 Resp: 107245

Ion Ratio Lower Upper

76 100

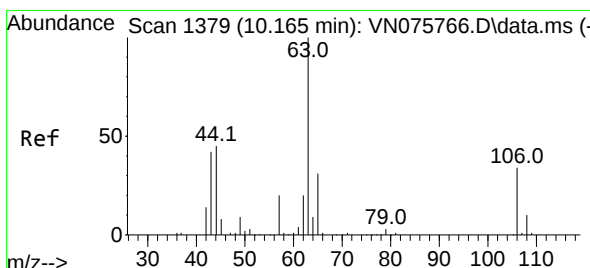
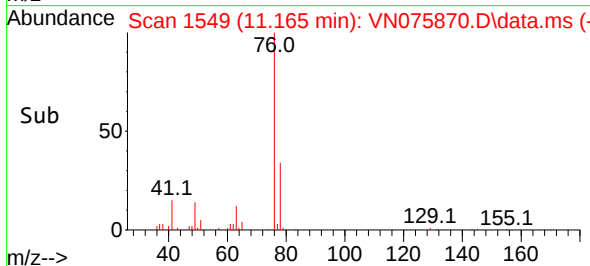
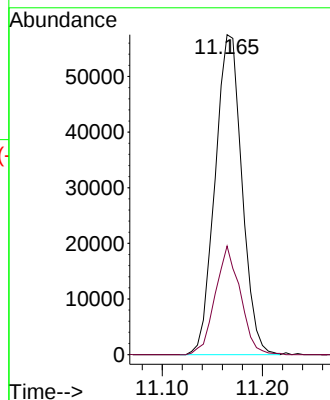
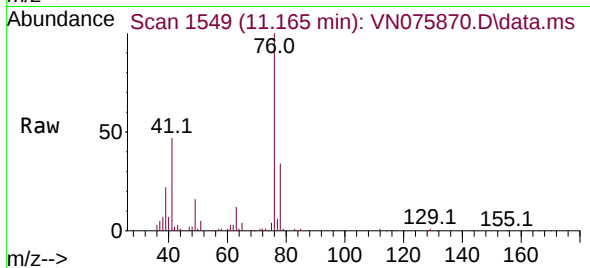
78 31.8 26.2 39.2

Manual Integrations

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Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 125.530 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN075870.D

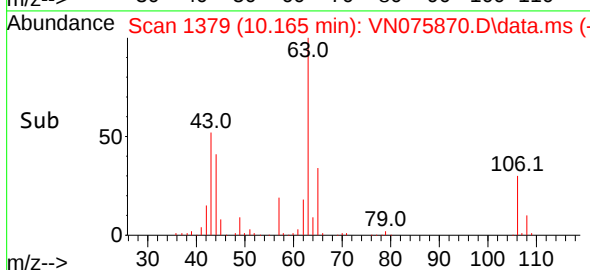
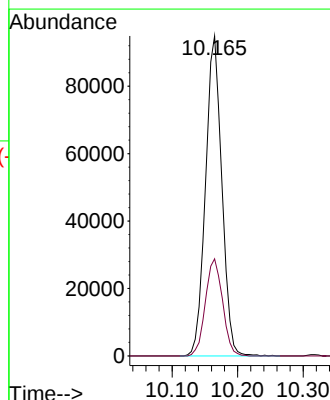
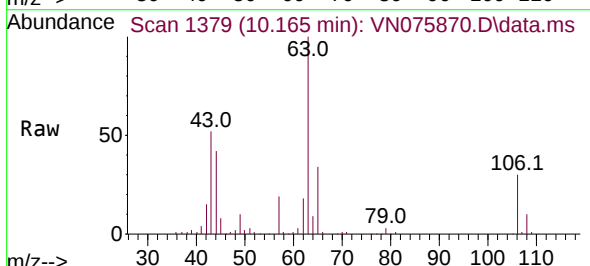
Acq: 19 Dec 2022 14:46

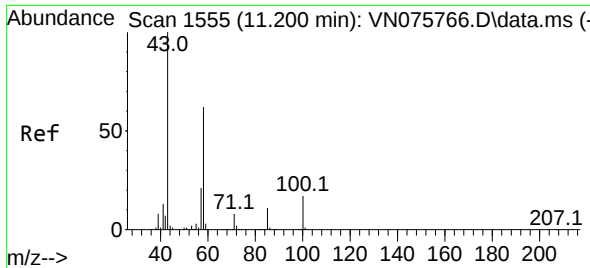
Tgt Ion: 63 Resp: 163220

Ion Ratio Lower Upper

63 100

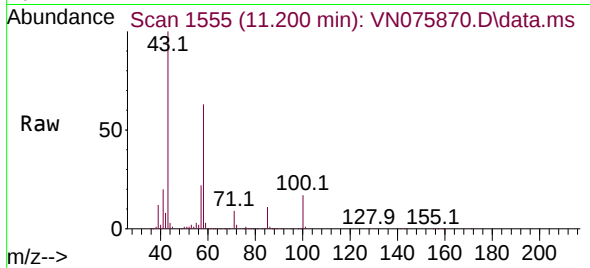
106 31.9 26.4 39.6





#59
2-Hexanone
Concen: 117.969 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

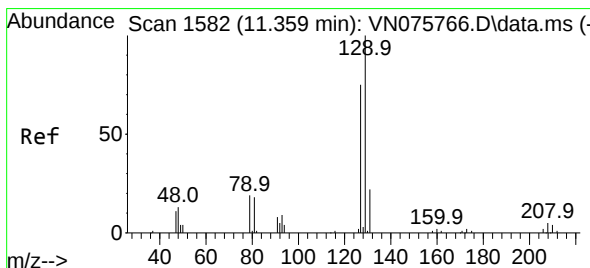
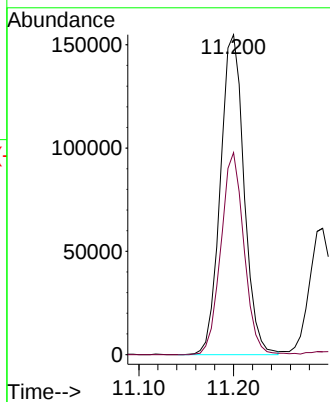
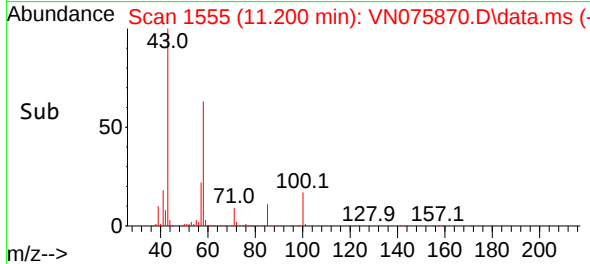
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 43 Resp: 26874
Ion Ratio Lower Upper
43 100
58 61.4 30.6 92.0

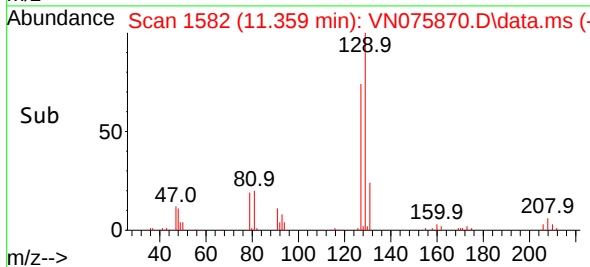
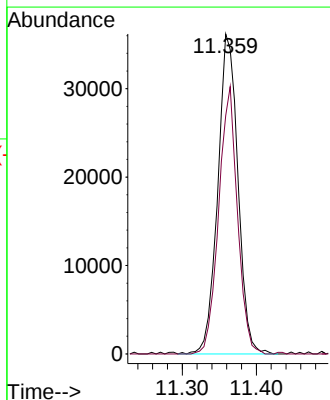
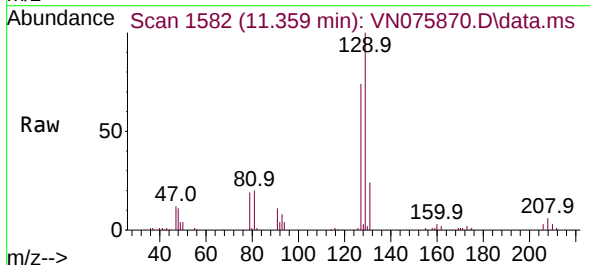
Manual Integrations
APPROVED

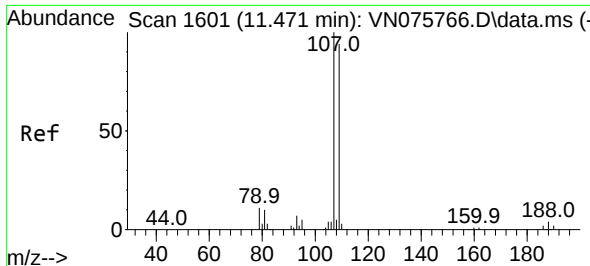
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#60
Dibromochloromethane
Concen: 19.970 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

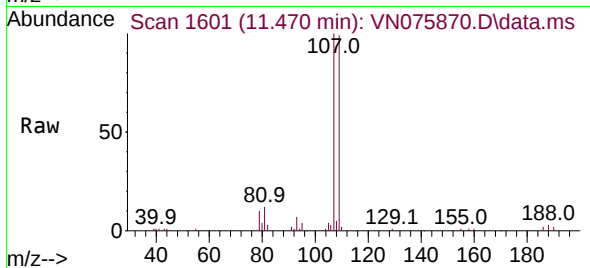
Tgt Ion:129 Resp: 68283
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9





#61
1,2-Dibromoethane
Concen: 21.073 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

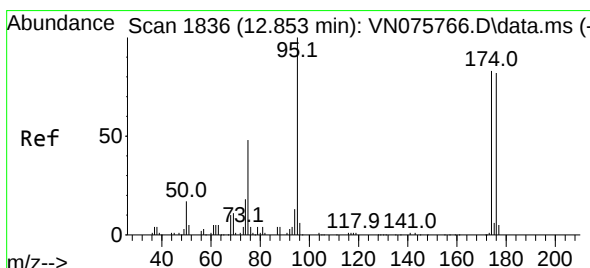
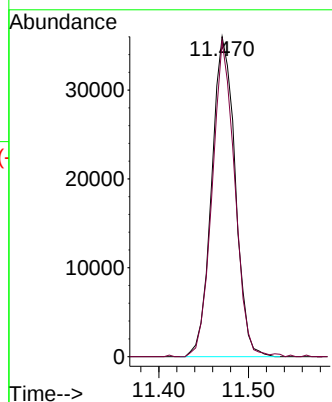
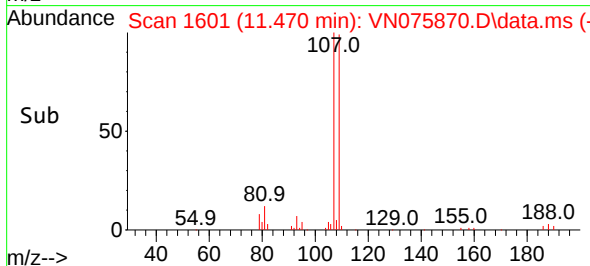
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion:107 Resp: 65568
Ion Ratio Lower Upper
107 100
109 94.7 74.8 112.2

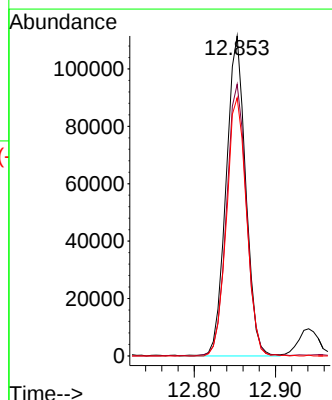
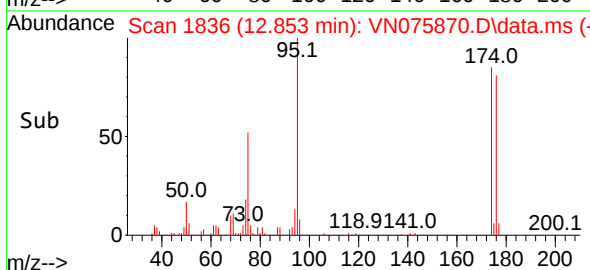
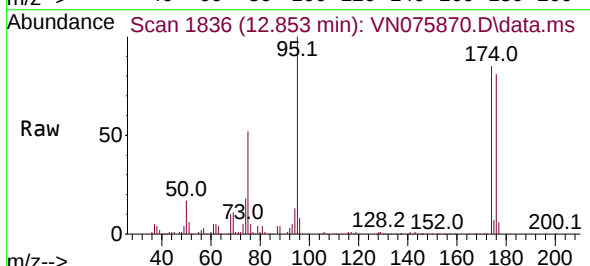
Manual Integrations
APPROVED

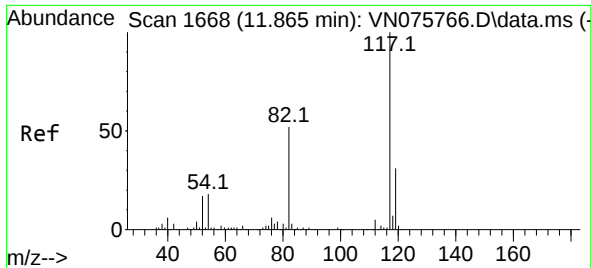
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#62
4-Bromofluorobenzene
Concen: 51.352 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

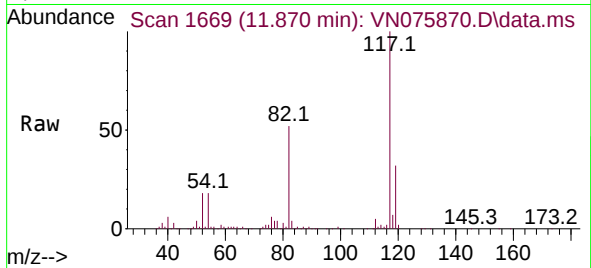
Tgt Ion: 95 Resp: 186617
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 82.5 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

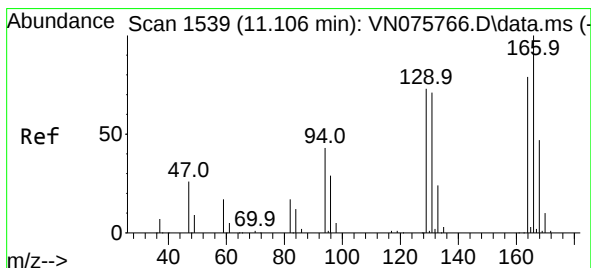
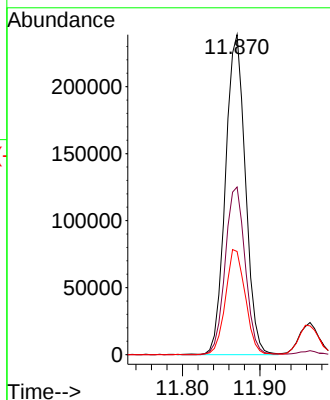
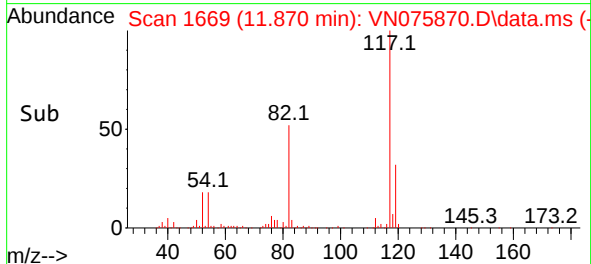
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion:117 Resp: 427492
Ion Ratio Lower Upper
117 100
82 52.3 41.3 61.9
119 32.1 24.6 37.0

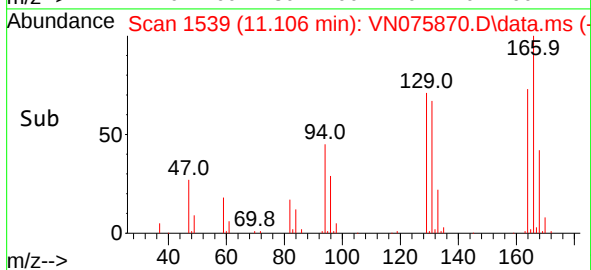
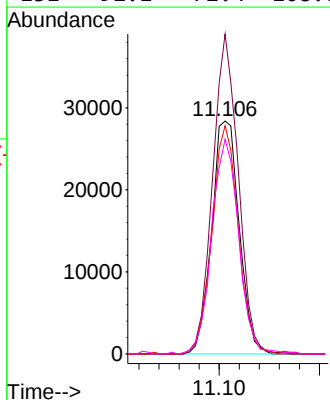
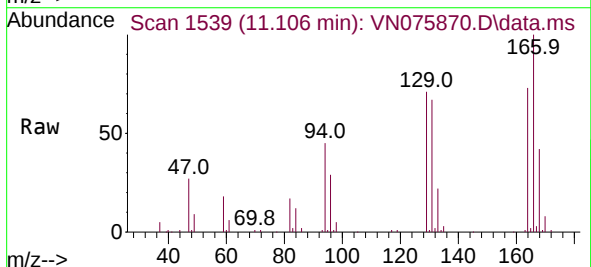
Manual Integrations
APPROVED

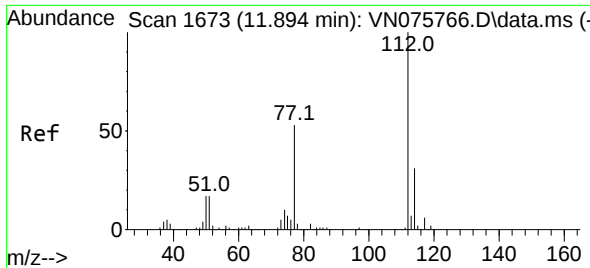
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#64
Tetrachloroethene
Concen: 17.949 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

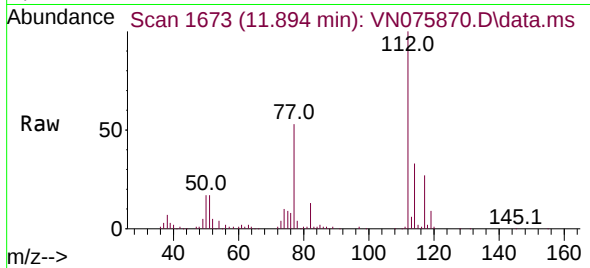
Tgt Ion:164 Resp: 53994
Ion Ratio Lower Upper
164 100
166 137.4 101.9 152.9
129 97.9 74.2 111.2
131 92.1 72.4 108.6





#65
Chlorobenzene
Concen: 17.682 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

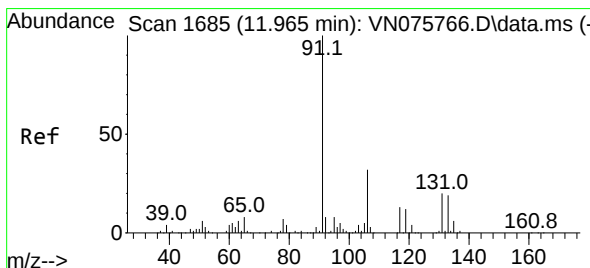
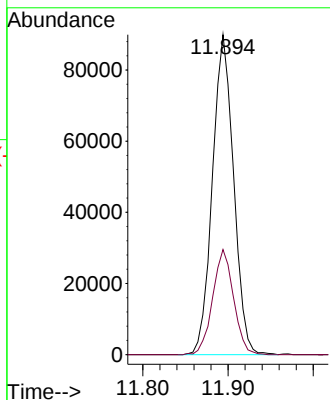
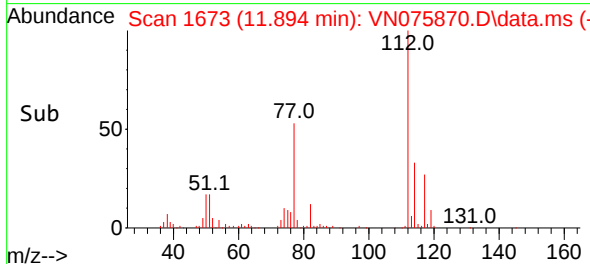
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



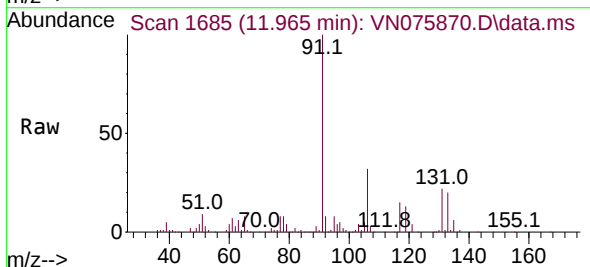
Tgt Ion:112 Resp: 155142
Ion Ratio Lower Upper
112 100
114 32.8 24.7 37.1

Manual Integrations
APPROVED

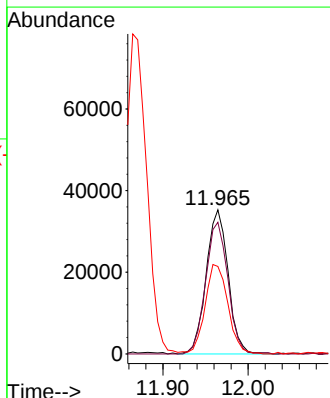
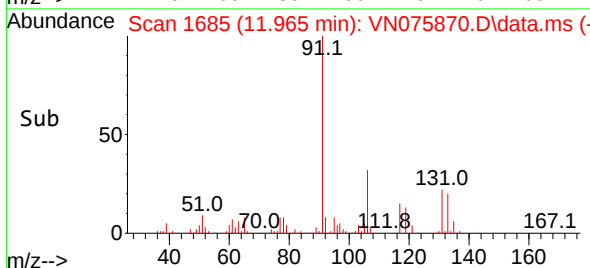
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

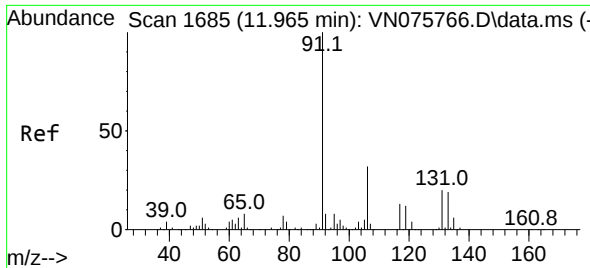


#66
1,1,1,2-Tetrachloroethane
Concen: 19.407 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46



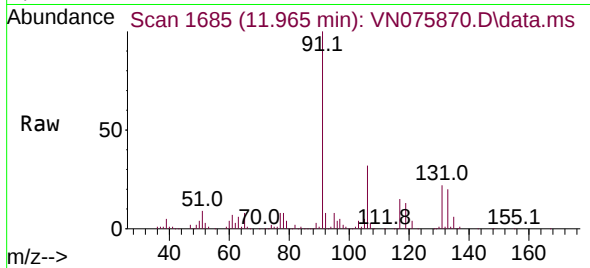
Tgt Ion:131 Resp: 63071
Ion Ratio Lower Upper
131 100
133 92.5 47.5 142.5
119 64.7 31.9 95.7





#67
Ethyl Benzene
Concen: 19.081 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

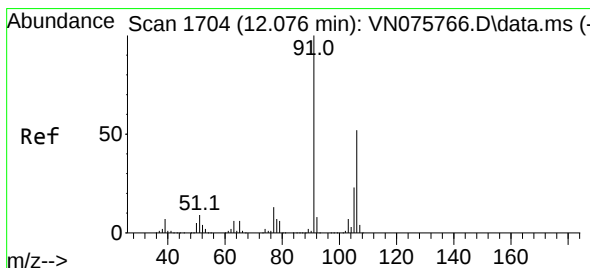
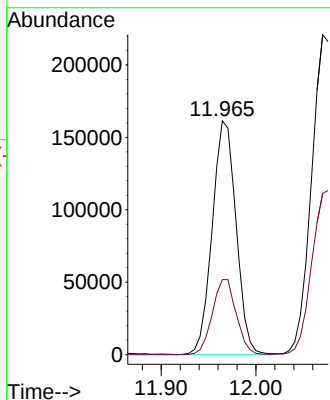
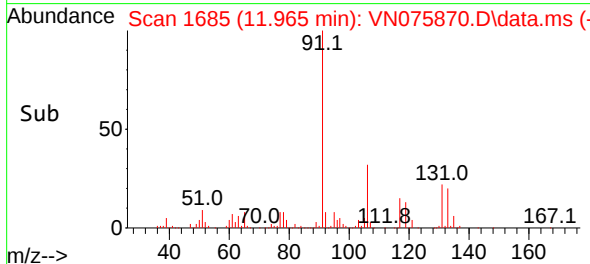
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion: 91 Resp: 282564
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5

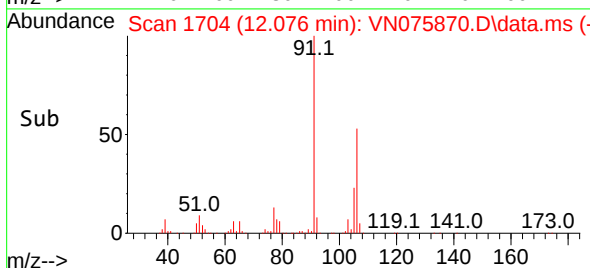
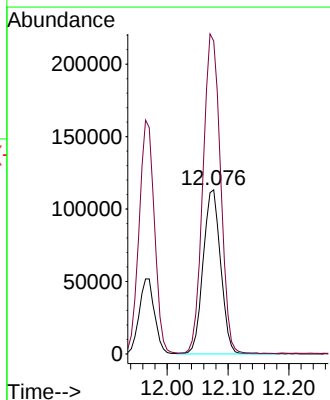
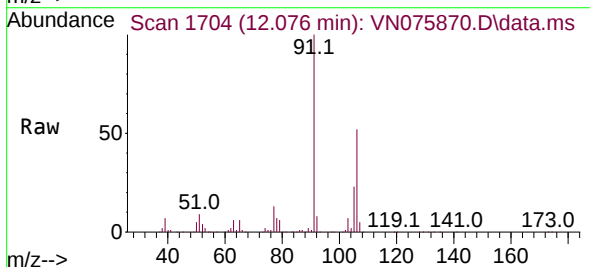
Manual Integrations
APPROVED

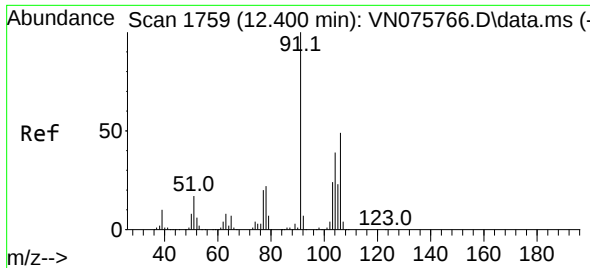
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#68
m/p-Xylenes
Concen: 38.529 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion:106 Resp: 225828
Ion Ratio Lower Upper
106 100
91 195.5 156.6 235.0





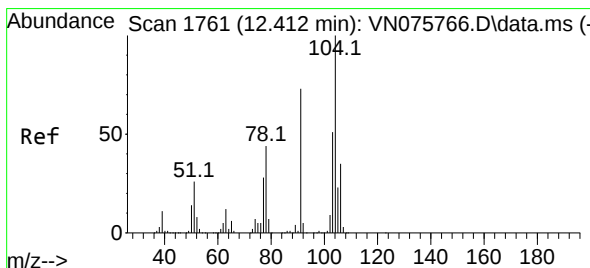
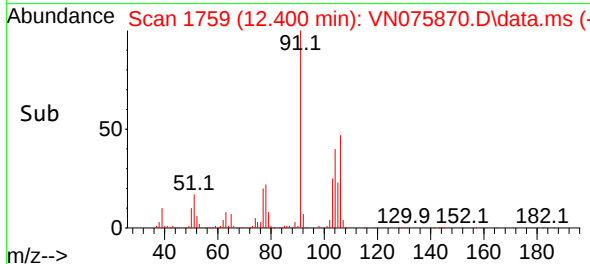
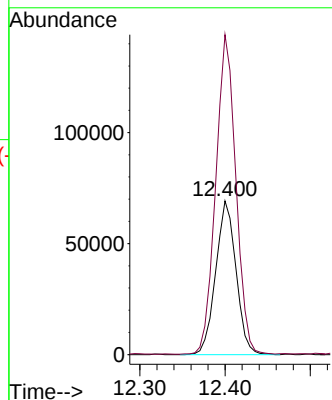
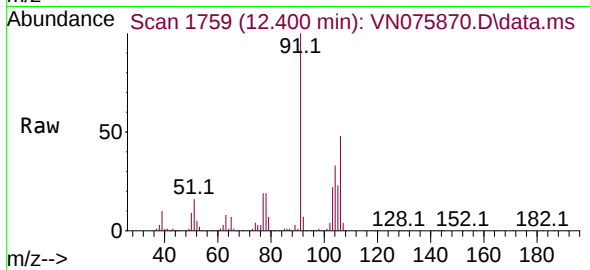
#69
o-Xylene
Concen: 19.764 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion:106 Resp: 114635
Ion Ratio Lower Upper
106 100
91 205.8 103.8 311.6

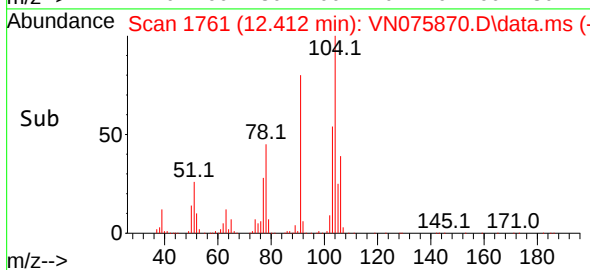
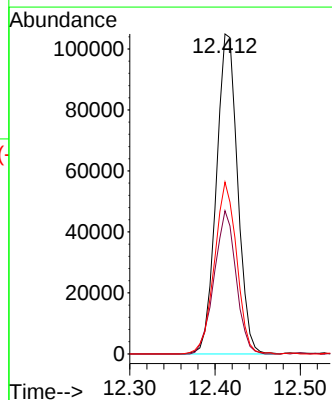
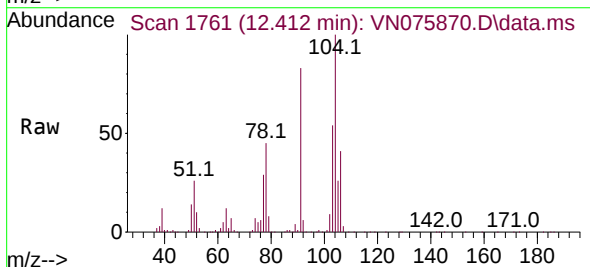
Manual Integrations
APPROVED

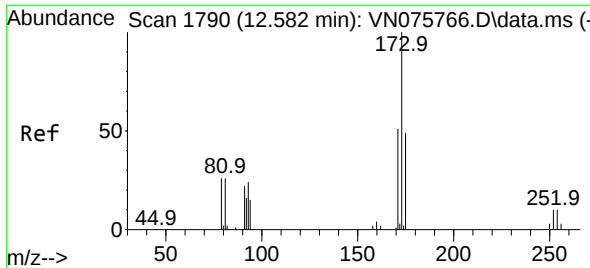
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#70
Styrene
Concen: 19.743 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

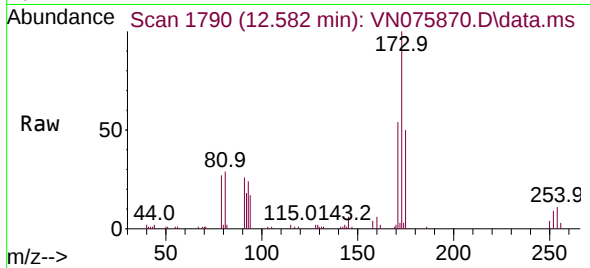
Tgt Ion:104 Resp: 182080
Ion Ratio Lower Upper
104 100
78 45.7 37.5 56.3
103 55.8 43.5 65.3





#71
Bromoform
Concen: 20.783 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

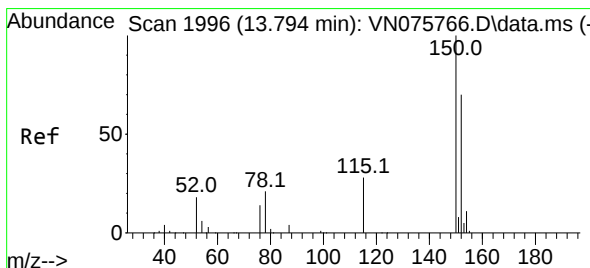
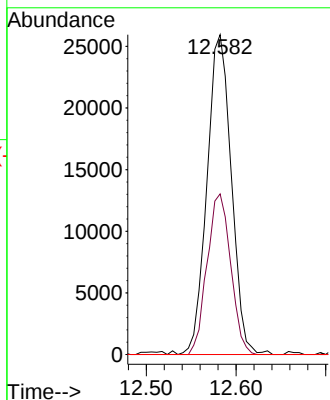
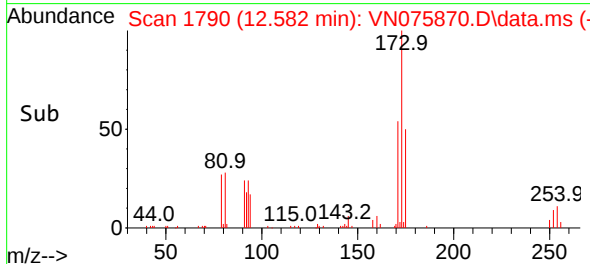
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



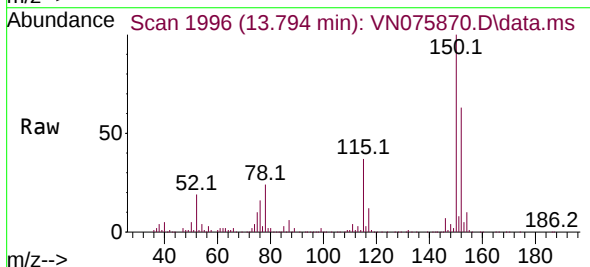
Tgt Ion:173 Resp: 49149
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

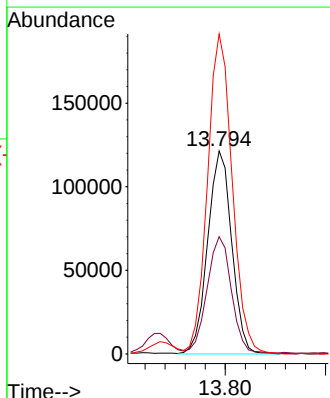
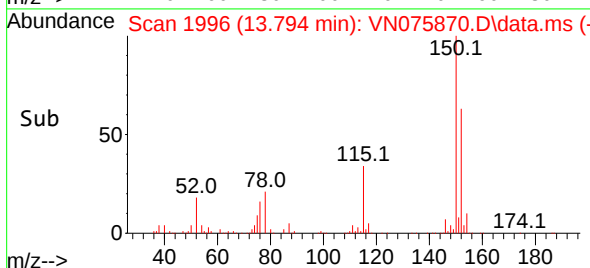
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

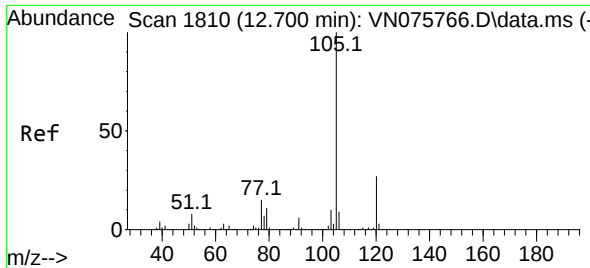


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46



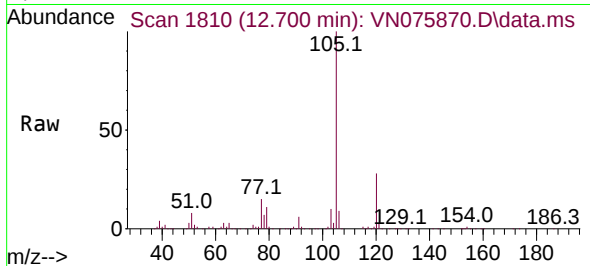
Tgt Ion:152 Resp: 201996
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.4
150 161.9 0.0 347.0





#73
Isopropylbenzene
Concen: 19.818 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

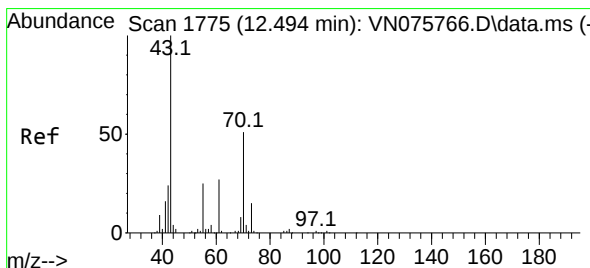
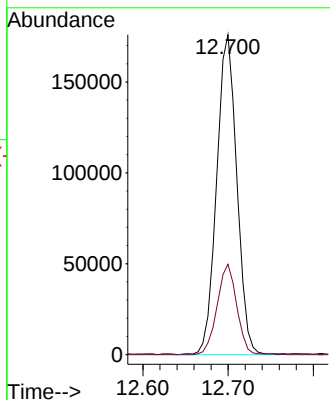
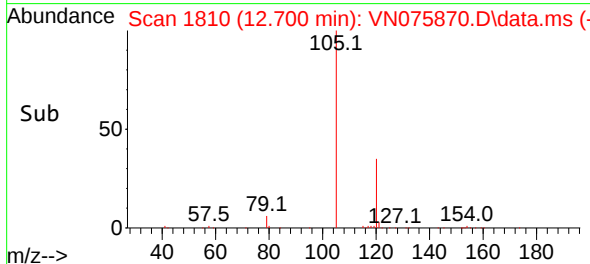
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



Tgt Ion:105 Resp: 289284
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2

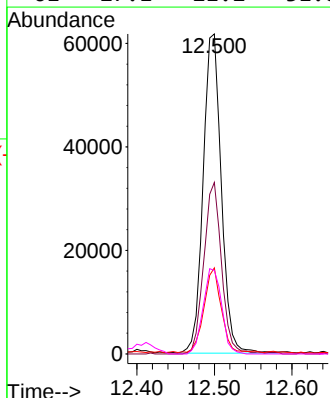
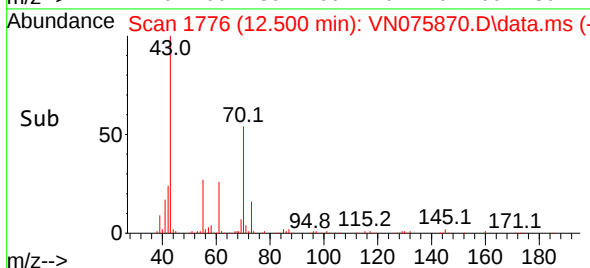
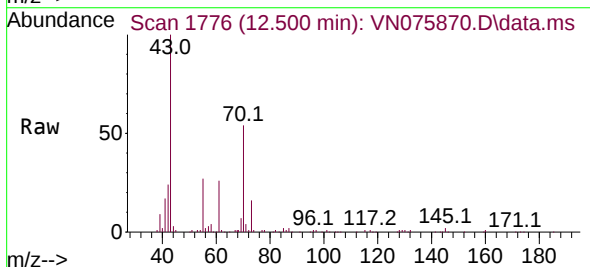
Manual Integrations
APPROVED

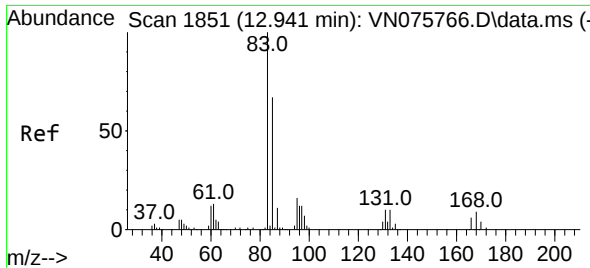
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#74
N-ethyl acetate
Concen: 23.478 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 43 Resp: 100539
Ion Ratio Lower Upper
43 100
70 52.8 41.4 62.0
55 25.1 21.3 31.9
61 27.1 21.2 31.8





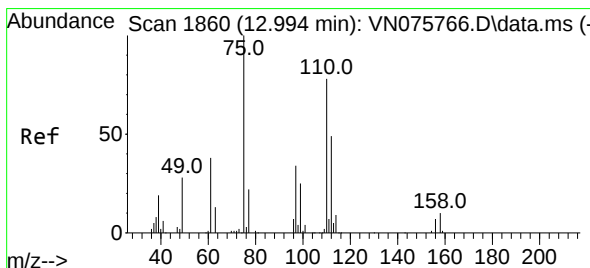
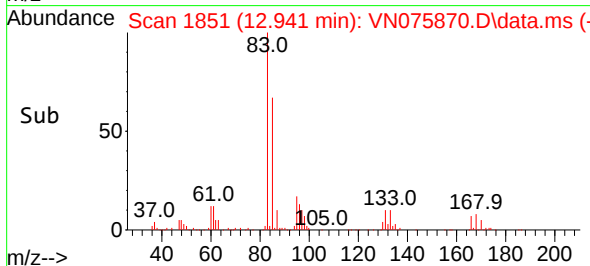
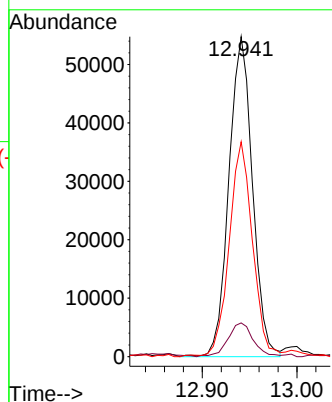
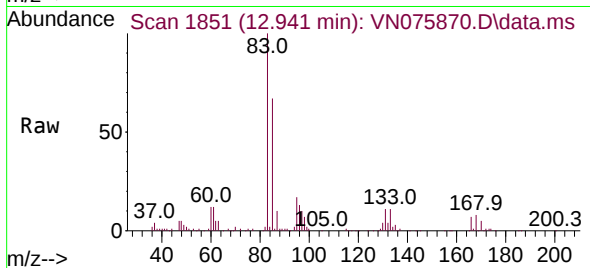
#75
1,1,2,2-Tetrachloroethane
Concen: 20.981 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 83 Resp: 94679
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 66.5 32.6 98.0

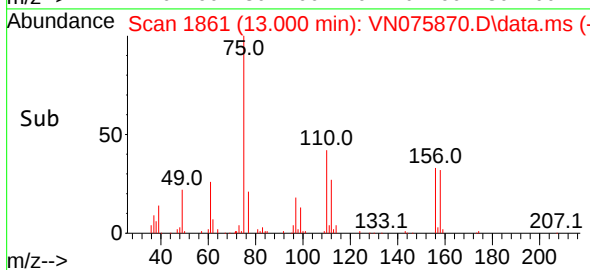
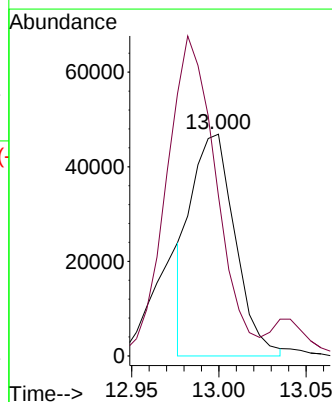
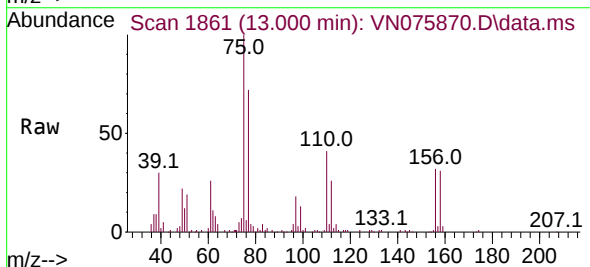
Manual Integrations
APPROVED

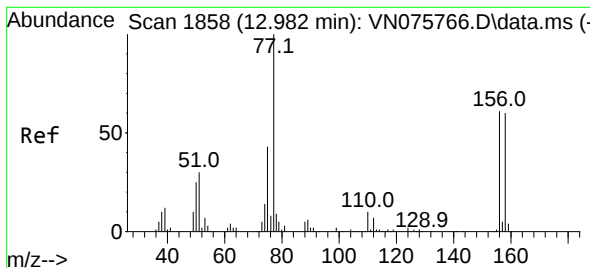
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#76
1,2,3-Trichloropropane
Concen: 20.231 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 75 Resp: 82376
Ion Ratio Lower Upper
75 100
77 163.5 82.6 247.8





#77

Bromobenzene

Concen: 19.000 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion:156 Resp: 70188

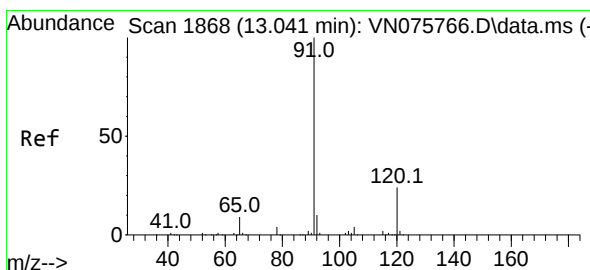
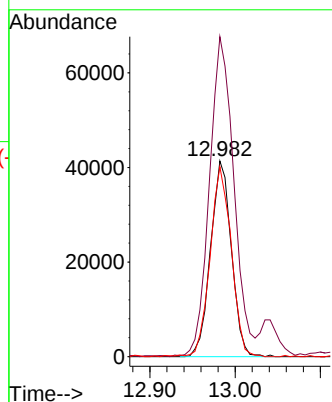
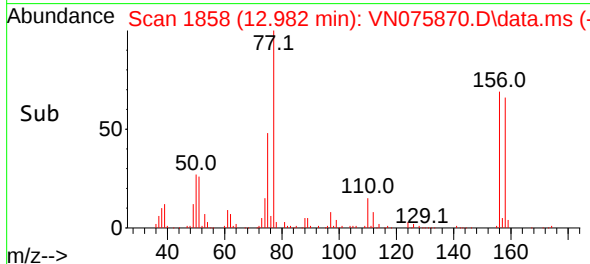
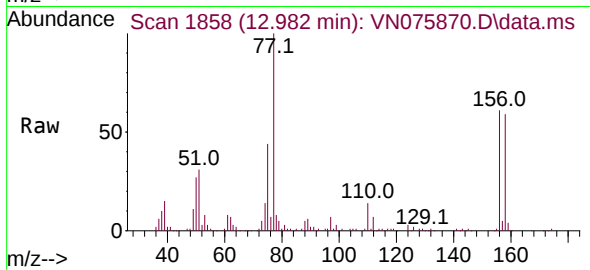
Ion	Ratio	Lower	Upper
156	100		
77	191.9	93.8	281.3
158	98.9	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#78

n-propylbenzene

Concen: 19.389 ug/l

RT: 13.041 min Scan# 1868

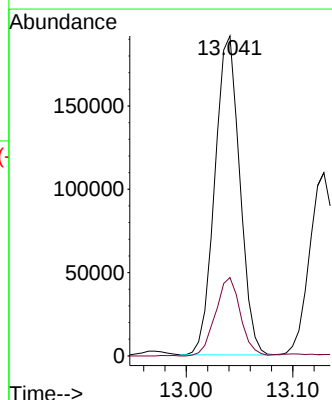
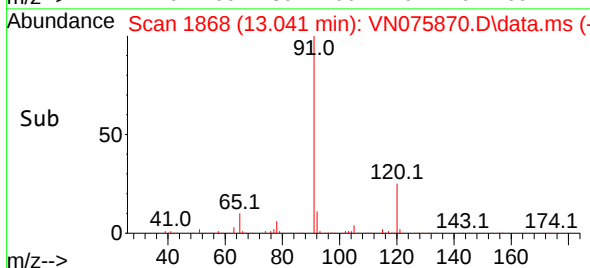
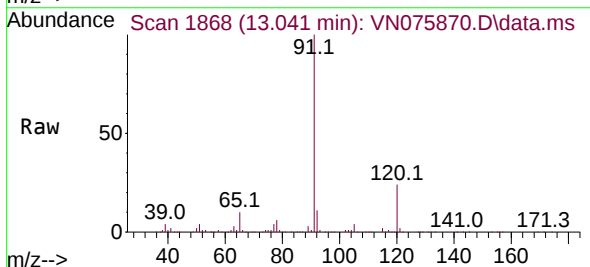
Delta R.T. -0.000 min

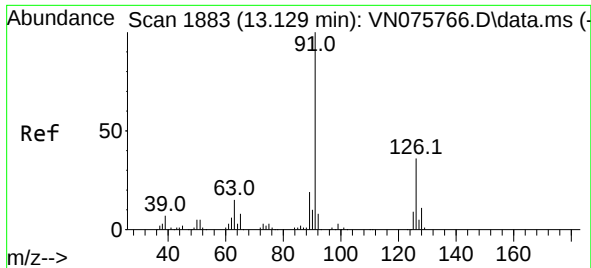
Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Tgt Ion: 91 Resp: 312155

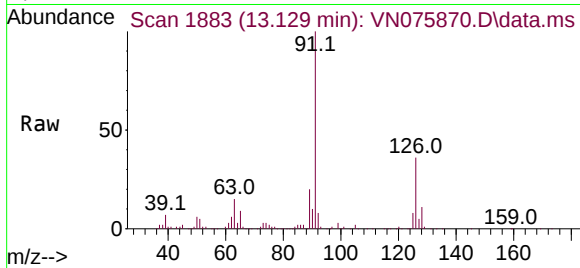
Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.0	36.1





#79
2-Chlorotoluene
Concen: 18.709 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

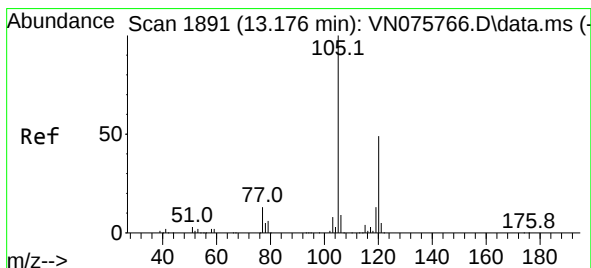
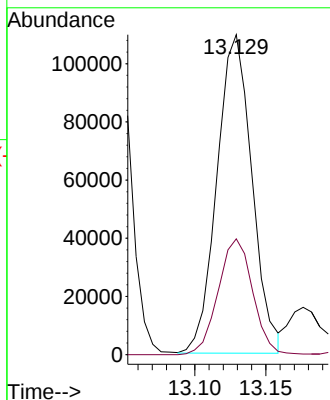
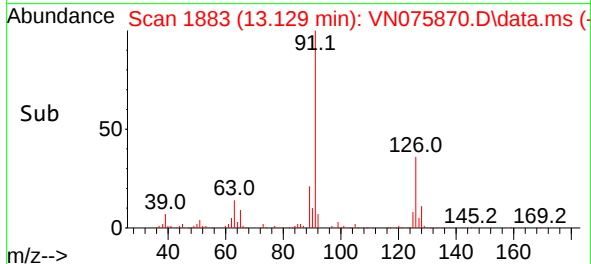
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



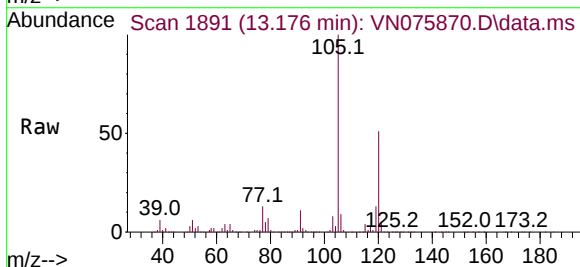
Tgt Ion: 91 Resp: 188036
Ion Ratio Lower Upper
91 100
126 35.7 17.5 52.5

Manual Integrations
APPROVED

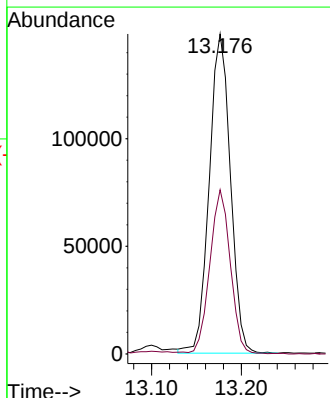
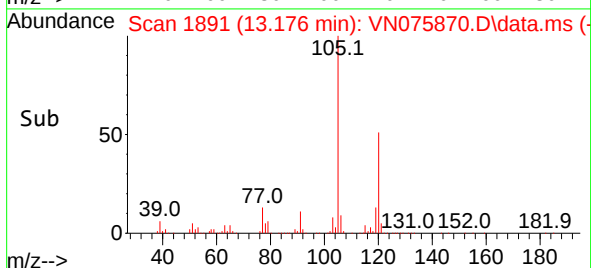
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

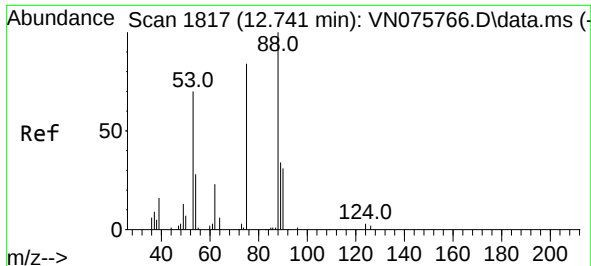


#80
1,3,5-Trimethylbenzene
Concen: 19.916 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46



Tgt Ion:105 Resp: 243319
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





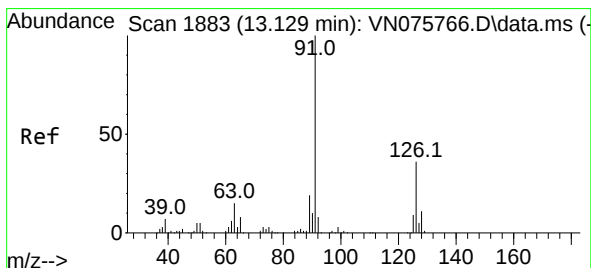
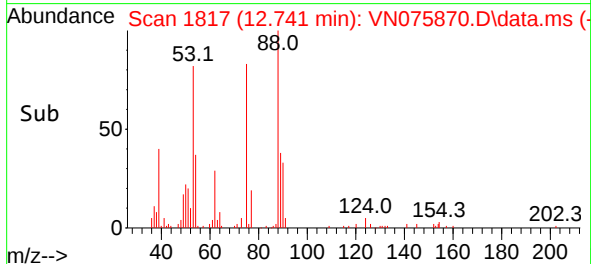
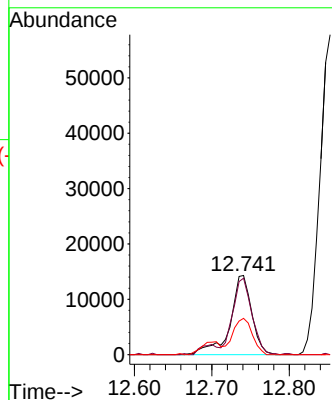
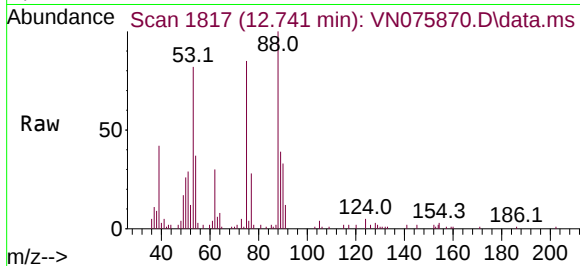
#81
trans-1,4-Dichloro-2-butene
Concen: 24.501 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion: 75 Resp: 27716
Ion Ratio Lower Upper
75 100
53 85.3 73.8 110.6
89 41.9 39.5 59.3

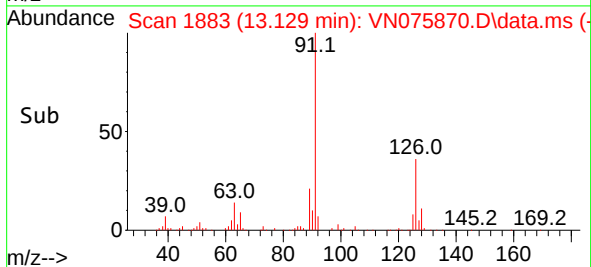
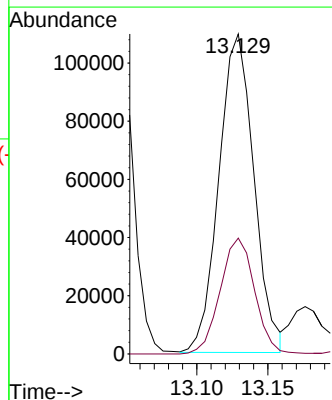
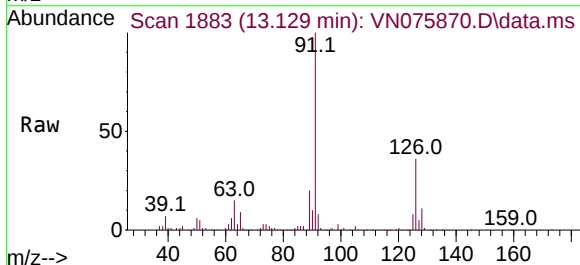
Manual Integrations
APPROVED

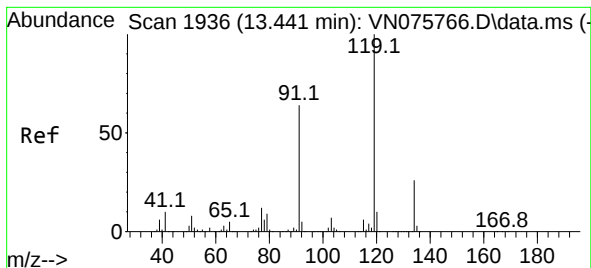
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#82
4-Chlorotoluene
Concen: 18.709 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion: 91 Resp: 188030
Ion Ratio Lower Upper
91 100
126 35.7 17.5 52.5





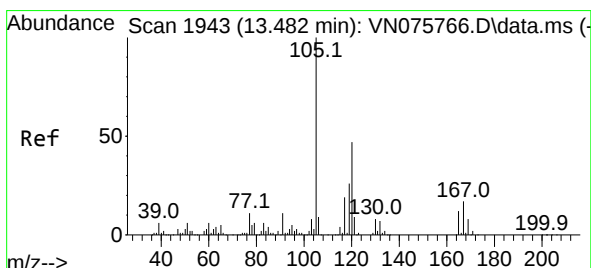
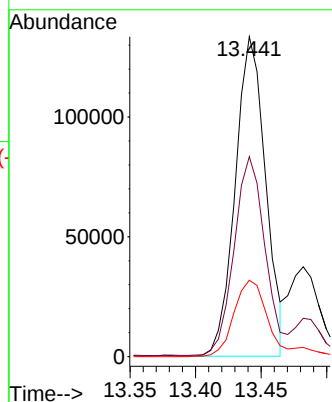
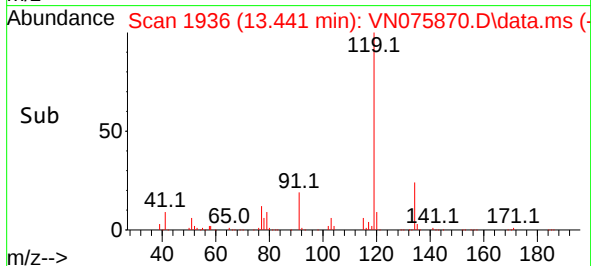
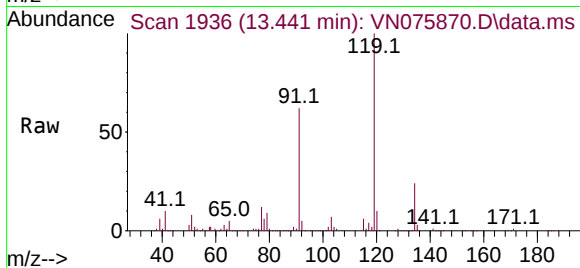
#83
tert-Butylbenzene
Concen: 19.952 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01

Tgt Ion:119 Resp: 214915
Ion Ratio Lower Upper
119 100
91 63.9 31.9 95.5
134 27.9 13.8 41.4

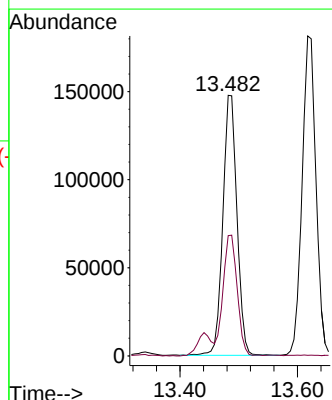
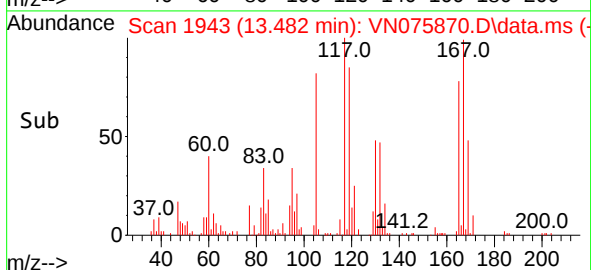
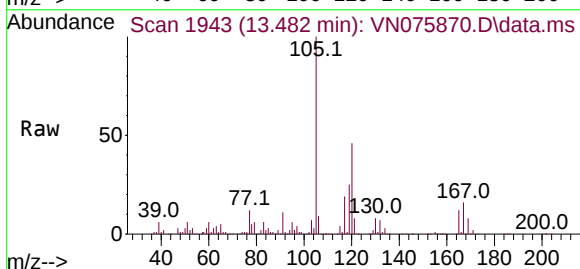
Manual Integrations
APPROVED

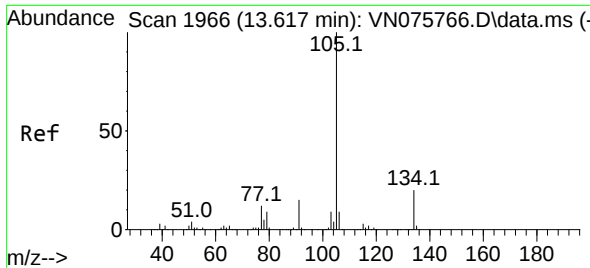
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.332 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

Tgt Ion:105 Resp: 246414
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8





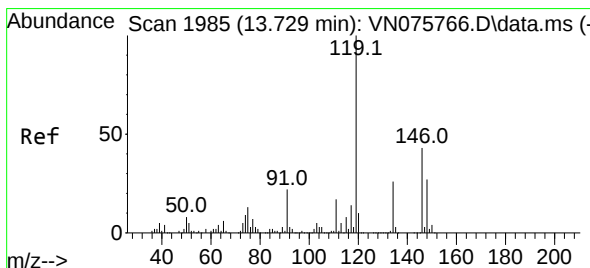
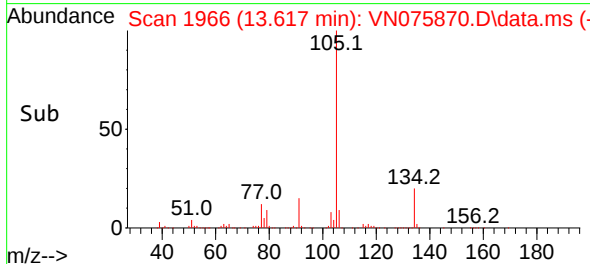
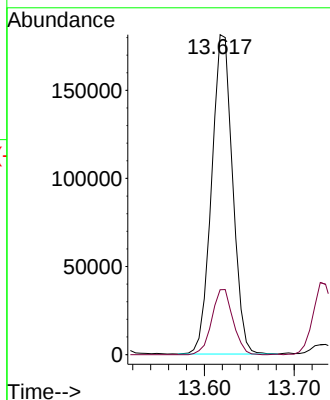
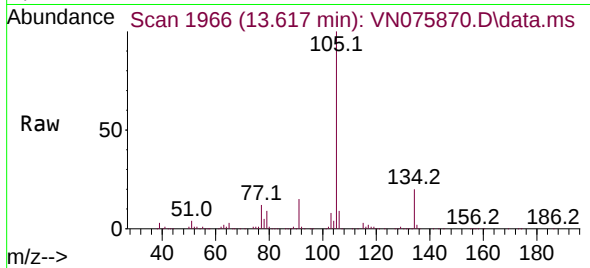
#85
 sec-Butylbenzene
 Concen: 19.914 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075870.D
 Acq: 19 Dec 2022 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBSD01

Tgt Ion:105 Resp: 296073
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

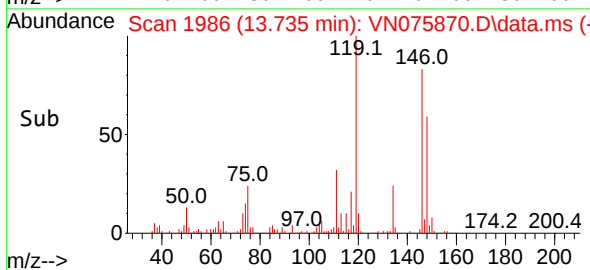
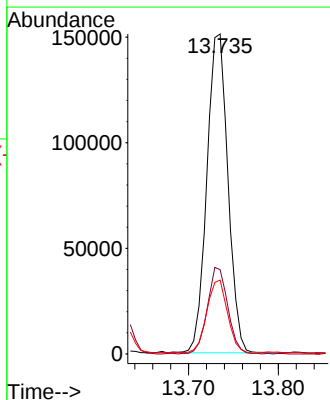
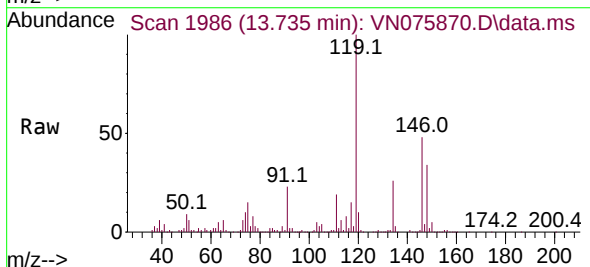
Manual Integrations
 APPROVED

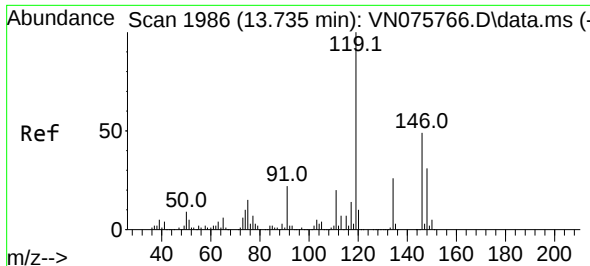
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#86
 p-Isopropyltoluene
 Concen: 20.014 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075870.D
 Acq: 19 Dec 2022 14:46

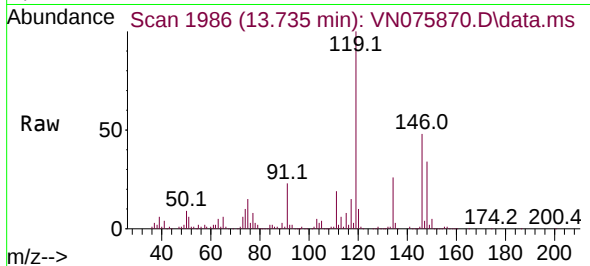
Tgt Ion:119 Resp: 247592
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 22.8 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 18.384 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

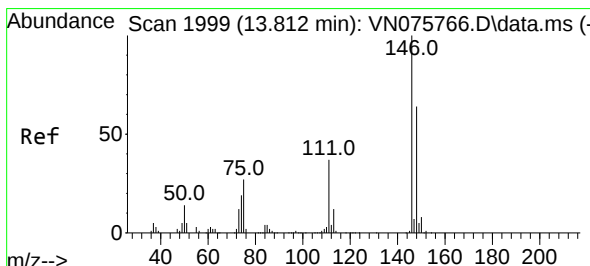
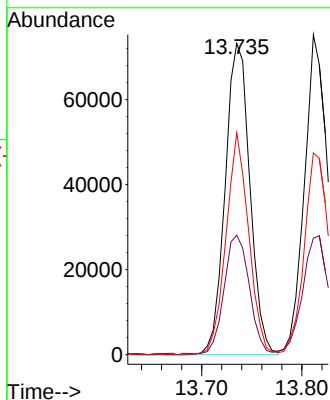
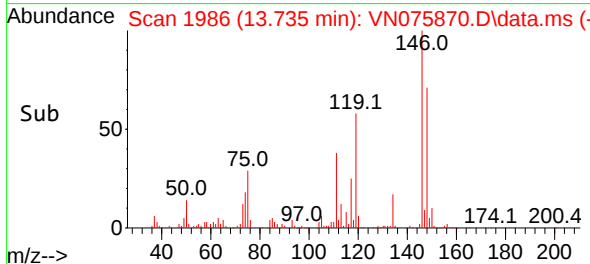
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



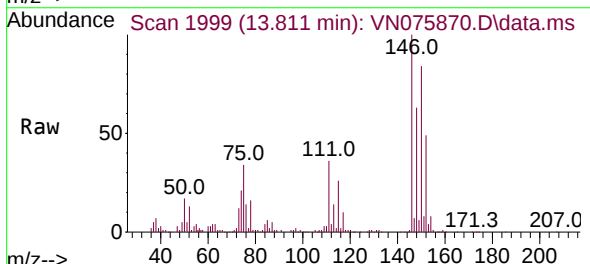
Tgt Ion:146 Resp: 125453
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 65.6 31.4 94.2

Manual Integrations
APPROVED

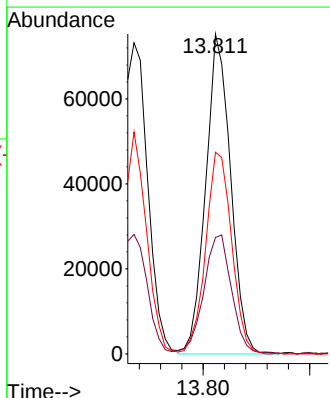
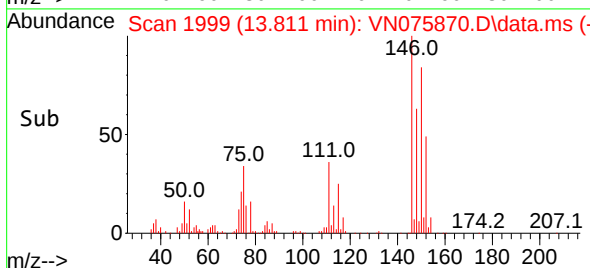
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

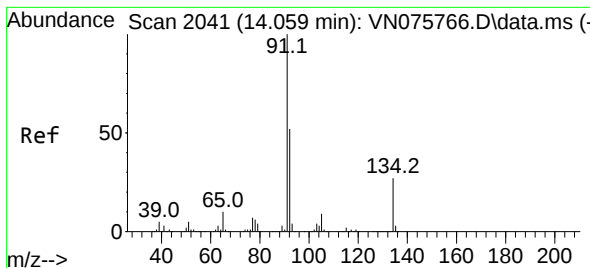


#88
1,4-Dichlorobenzene
Concen: 17.563 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46



Tgt Ion:146 Resp: 122433
Ion Ratio Lower Upper
146 100
111 41.6 19.1 57.1
148 65.9 32.0 96.2





#89

n-Butylbenzene

Concen: 19.579 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

Tgt Ion: 91 Resp: 196218

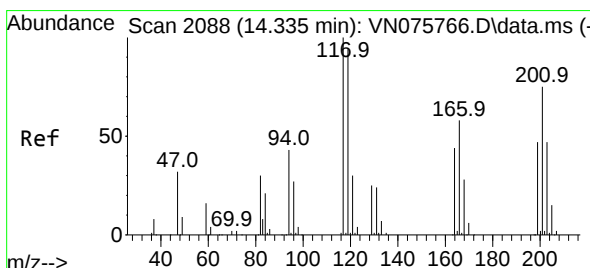
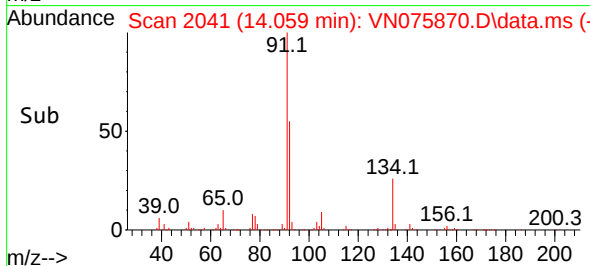
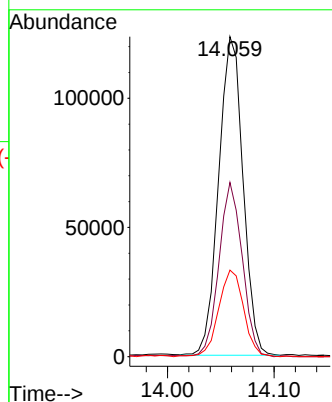
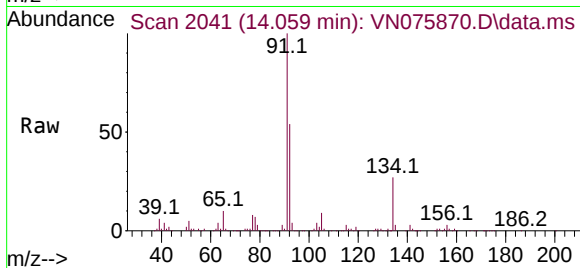
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	27.8	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#90

Hexachloroethane

Concen: 18.371 ug/l

RT: 14.341 min Scan# 2089

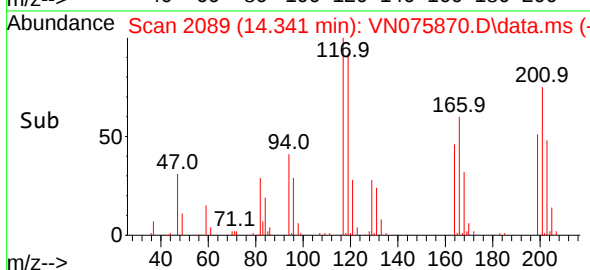
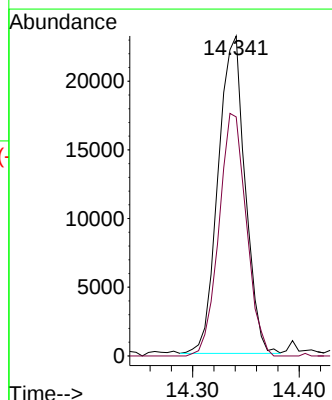
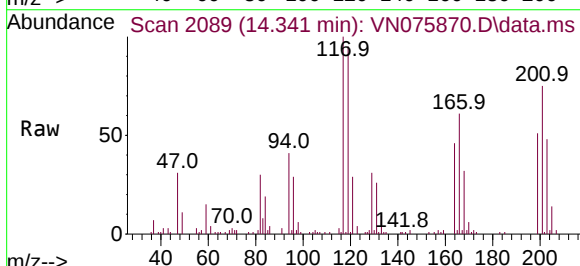
Delta R.T. 0.006 min

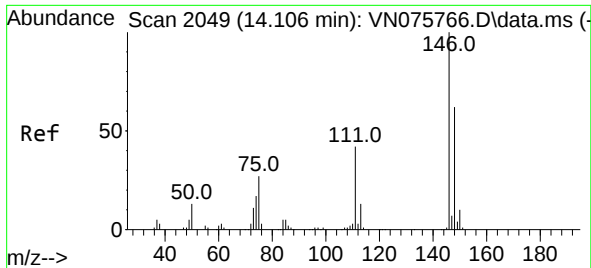
Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Tgt Ion:117 Resp: 40653

Ion	Ratio	Lower	Upper
117	100		
201	77.7	38.0	114.1





#91

1,2-Dichlorobenzene

Concen: 19.136 ug/l

RT: 14.111 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

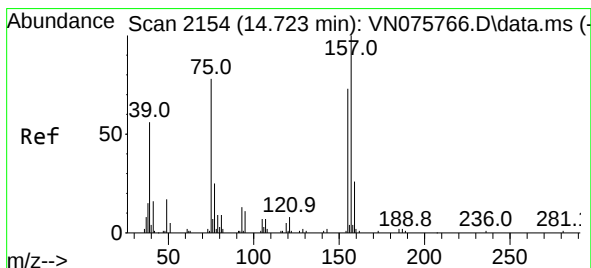
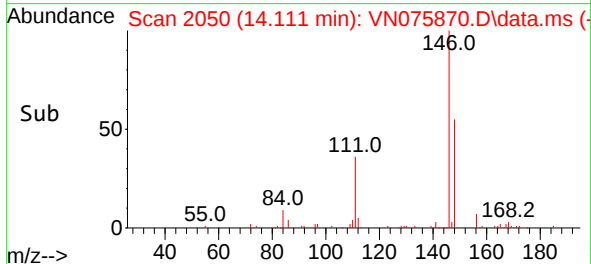
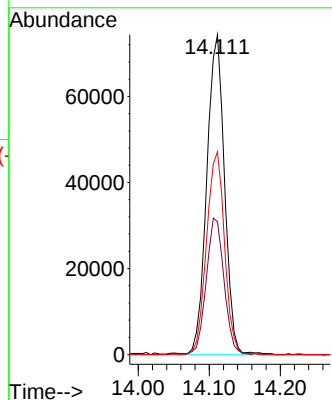
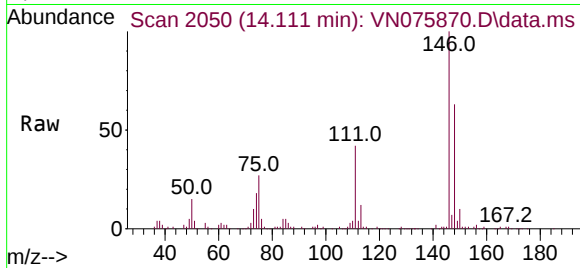
Tgt Ion:	146	Resp:	12862
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.3	61.0
148	64.2	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.782 ug/l

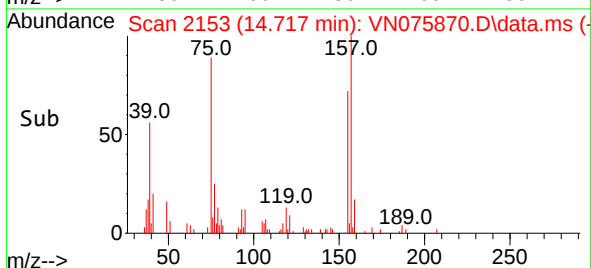
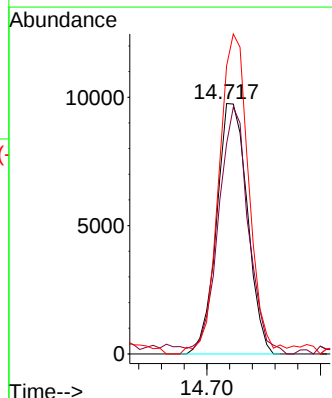
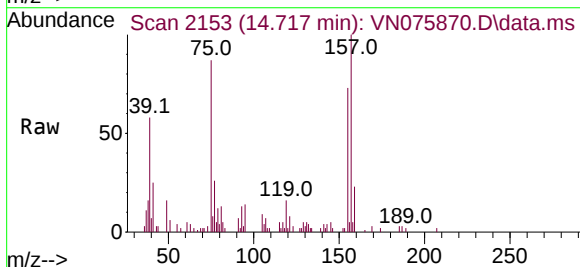
RT: 14.717 min Scan# 2153

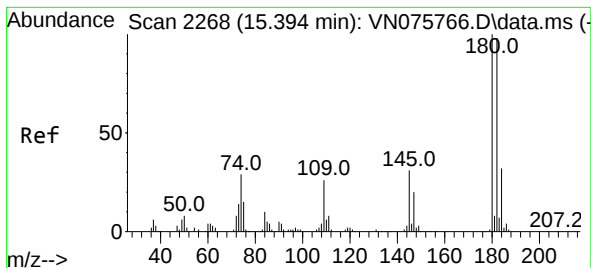
Delta R.T. -0.006 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Tgt Ion:	75	Resp:	18242
Ion Ratio	Lower	Upper	
75	100		
155	96.1	49.3	147.8
157	124.6	63.7	191.3





#93

1,2,4-Trichlorobenzene

Concen: 19.067 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBSD01

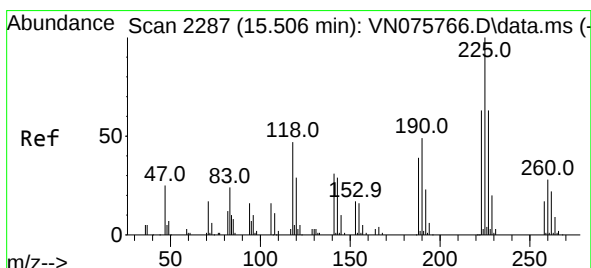
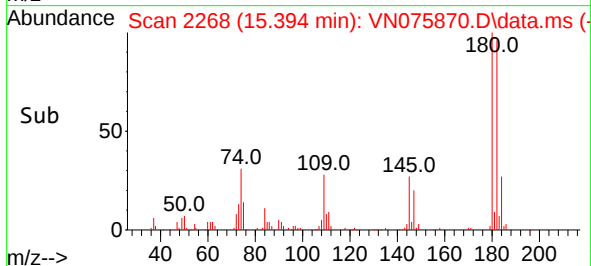
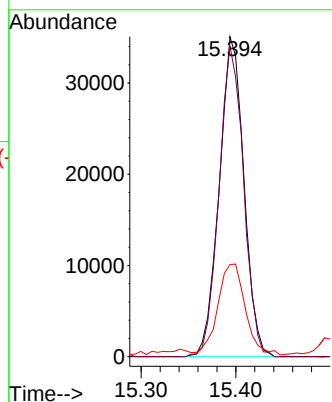
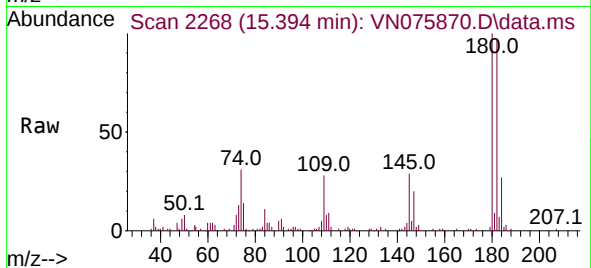
Tgt Ion:	180	Resp:	6344
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.5	142.5
145	32.3	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#94

Hexachlorobutadiene

Concen: 18.304 ug/l

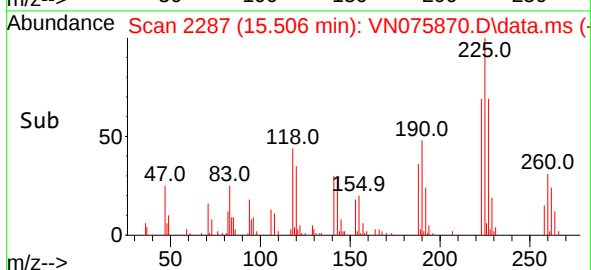
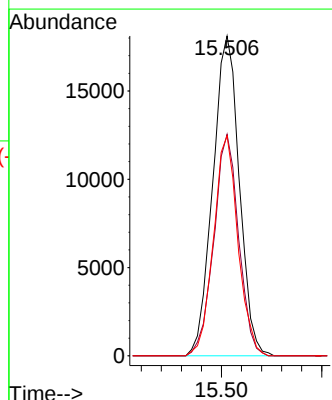
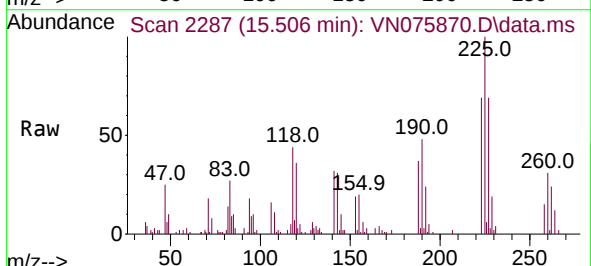
RT: 15.506 min Scan# 2287

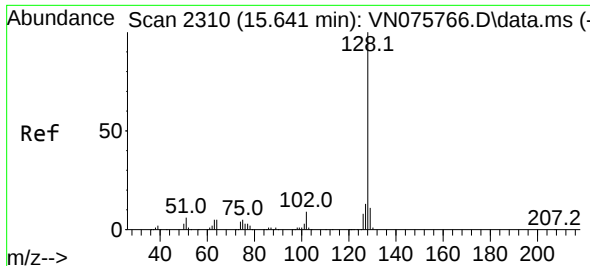
Delta R.T. -0.000 min

Lab File: VN075870.D

Acq: 19 Dec 2022 14:46

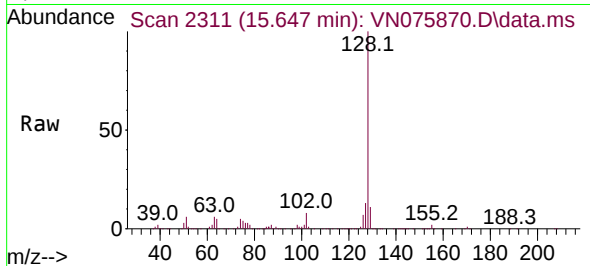
Tgt Ion:	225	Resp:	33232
Ion Ratio	Lower	Upper	
225	100		
223	64.8	31.5	94.5
227	63.6	31.6	95.0





#95
Naphthalene
Concen: 22.065 ug/l
RT: 15.647 min Scan# 2310
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46

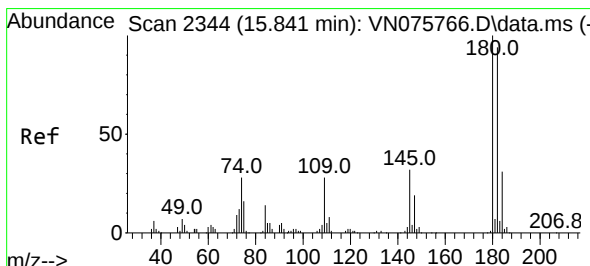
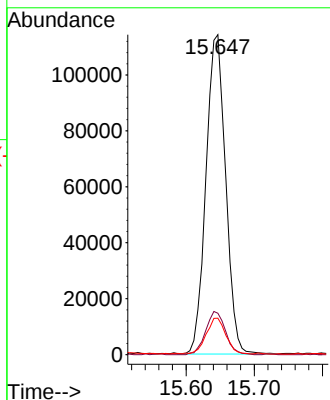
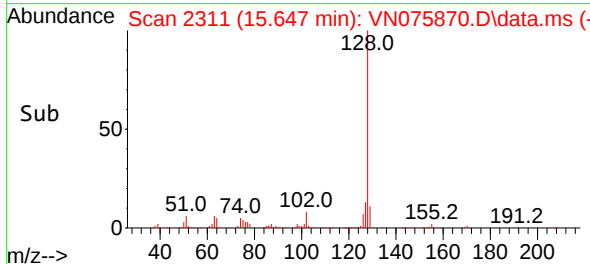
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBSD01



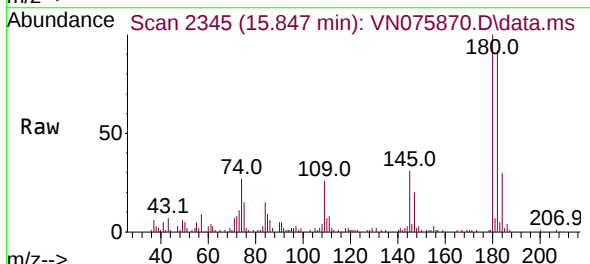
Tgt Ion:128 Resp: 228583
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.452 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075870.D
Acq: 19 Dec 2022 14:46



Tgt Ion:180 Resp: 63611
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.0
145 37.4 16.0 47.9

