

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075168.D
 Acq On : 04 Nov 2022 12:32
 Operator : JC\MD
 Sample : VN1104WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 06:56:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	96027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	178327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	161193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70079	54.163	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.320%			
35) Dibromofluoromethane	8.176	113	55376	52.897	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	10.570	98	203723	50.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.847	95	71528	50.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	21874	17.510	ug/l	94
3) Chloromethane	2.371	50	23009	17.341	ug/l	93
4) Vinyl Chloride	2.524	62	32048	16.931	ug/l	97
5) Bromomethane	2.930	94	26638	16.392	ug/l	90
6) Chloroethane	3.112	64	24014	17.692	ug/l	97
7) Trichlorofluoromethane	3.500	101	37420	19.352	ug/l	96
8) Diethyl Ether	3.971	74	14161	20.078	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	21643	20.267	ug/l	99
10) Methyl Iodide	4.588	142	28479	17.914	ug/l	98
11) Tert butyl alcohol	5.535	59	27061	89.686	ug/l	99
12) 1,1-Dichloroethene	4.347	96	18565	18.238	ug/l	91
13) Acrolein	4.188	56	20112	81.491	ug/l	98
14) Allyl chloride	5.030	41	28635	19.261	ug/l	96
15) Acrylonitrile	5.730	53	65460	102.701	ug/l	99
16) Acetone	4.436	43	56260	102.693	ug/l	98
17) Carbon Disulfide	4.724	76	42306	16.527	ug/l	96
18) Methyl Acetate	5.035	43	38878	21.725	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	74504	19.693	ug/l	99
20) Methylene Chloride	5.288	84	24906	20.390	ug/l	88
21) trans-1,2-Dichloroethene	5.794	96	20988	18.831	ug/l	94
22) Diisopropyl ether	6.682	45	65833	20.066	ug/l	97
23) Vinyl Acetate	6.618	43	263392m	96.140	ug/l	
24) 1,1-Dichloroethane	6.577	63	40122	19.336	ug/l	99
25) 2-Butanone	7.488	43	87719	101.796	ug/l	99
26) 2,2-Dichloropropane	7.494	77	35861	18.787	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	26452	19.874	ug/l	96
28) Bromochloromethane	7.818	49	18216	20.826	ug/l	98
29) Tetrahydrofuran	7.847	42	54938	98.662	ug/l	99
30) Chloroform	7.971	83	44958	19.956	ug/l	99
31) Cyclohexane	8.265	56	34668	18.016	ug/l	95
32) 1,1,1-Trichloroethane	8.176	97	40048	19.575	ug/l	97
36) 1,1-Dichloropropene	8.376	75	30227	18.650	ug/l	98
37) Ethyl Acetate	7.571	43	32924	18.523	ug/l	99
38) Carbon Tetrachloride	8.371	117	33180	18.611	ug/l	98
39) Methylcyclohexane	9.600	83	38123	17.817	ug/l	95
40) Benzene	8.612	78	96171	19.380	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	17672	20.752	ug/l	97
42) 1,2-Dichloroethane	8.676	62	36308	20.110	ug/l	99
43) Isopropyl Acetate	8.694	43	54935	19.925	ug/l	98
44) Trichloroethene	9.359	130	24102	19.359	ug/l	97
45) 1,2-Dichloropropane	9.623	63	24733	20.943	ug/l	97
46) Dibromomethane	9.712	93	18106	19.679	ug/l	99
47) Bromodichloromethane	9.894	83	34904	19.590	ug/l	100
48) Methyl methacrylate	9.682	41	24097	19.054	ug/l	99
49) 1,4-Dioxane	9.700	88	13951	421.259	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	175526	98.659	ug/l	99
52) Toluene	10.635	92	65888	19.862	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	35666	18.965	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	38385	19.243	ug/l	96
55) 1,1,2-Trichloroethane	11.017	97	27026	20.547	ug/l	97
56) Ethyl methacrylate	10.876	69	39025	19.451	ug/l	99
57) 1,3-Dichloropropane	11.164	76	44712	20.412	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	73014	94.132	ug/l	99
59) 2-Hexanone	11.200	43	129430	95.853	ug/l	99
60) Dibromochloromethane	11.359	129	26571	19.147	ug/l	98
61) 1,2-Dibromoethane	11.470	107	27017	20.043	ug/l	99
64) Tetrachloroethene	11.106	164	22989	23.262	ug/l	92
65) Chlorobenzene	11.894	112	66181	19.235	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	24754	19.394	ug/l	97
67) Ethyl Benzene	11.964	91	119652	19.329	ug/l	98
68) m/p-Xylenes	12.070	106	94465	38.032	ug/l	95
69) o-Xylene	12.400	106	47983	19.534	ug/l	96
70) Styrene	12.411	104	74439	19.005	ug/l	97
71) Bromoform	12.582	173	17732	18.556	ug/l #	100
73) Isopropylbenzene	12.700	105	119541	20.234	ug/l	99
74) N-amyl acetate	12.494	43	40379	18.480	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	39704	21.089	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	31476m	20.145	ug/l	
77) Bromobenzene	12.982	156	26758	20.570	ug/l	97
78) n-propylbenzene	13.035	91	136880	20.636	ug/l	99
79) 2-Chlorotoluene	13.129	91	84060	20.739	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	103326	20.823	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	11007m	18.083	ug/l	
82) 4-Chlorotoluene	13.129	91	84060	20.739	ug/l	99
83) tert-Butylbenzene	13.441	119	89241	20.240	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	103623	20.640	ug/l	97
85) sec-Butylbenzene	13.617	105	127080	20.603	ug/l	97
86) p-Isopropyltoluene	13.729	119	102503	20.122	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	51018	20.031	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	51093	20.270	ug/l	98
89) n-Butylbenzene	14.058	91	83510	20.358	ug/l	99
90) Hexachloroethane	14.335	117	16837	18.027	ug/l	97
91) 1,2-Dichlorobenzene	14.105	146	51912	20.502	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7707	19.340	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	22280	20.448	ug/l	100
94) Hexachlorobutadiene	15.499	225	10532	19.828	ug/l	99
95) Naphthalene	15.641	128	82412	19.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	22442	20.729	ug/l	97

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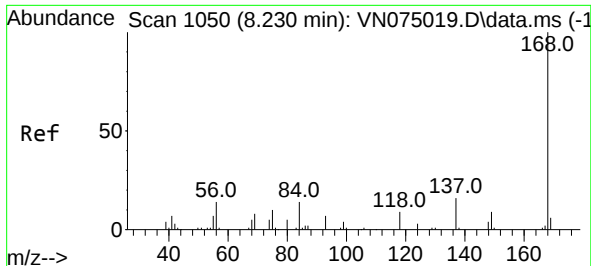
Manual Integrations
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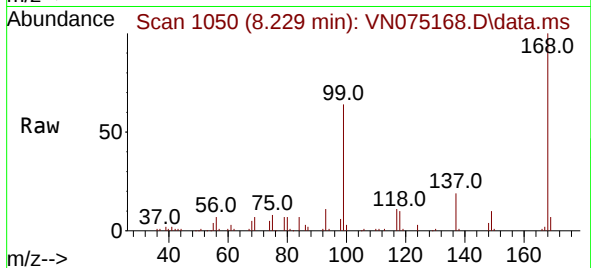
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
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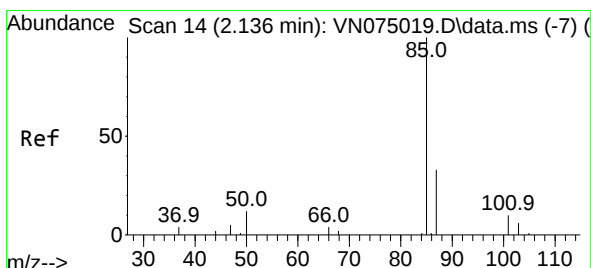
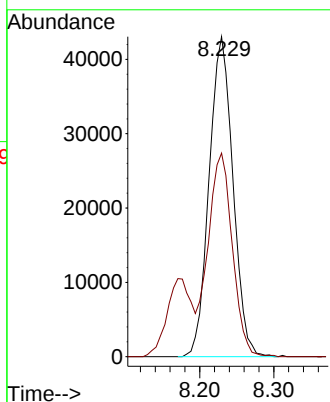
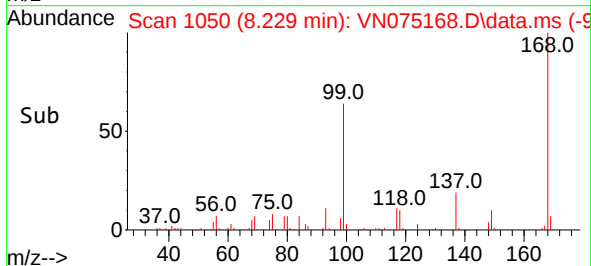
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 9602
Ion Ratio Lower Upper
168 100
99 63.6 51.6 77.4

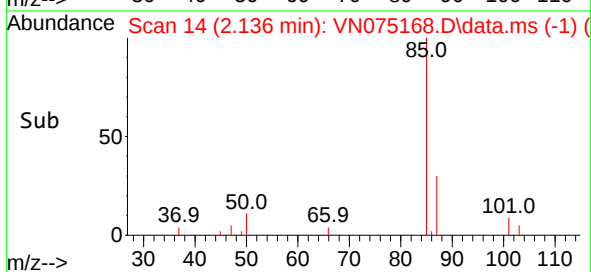
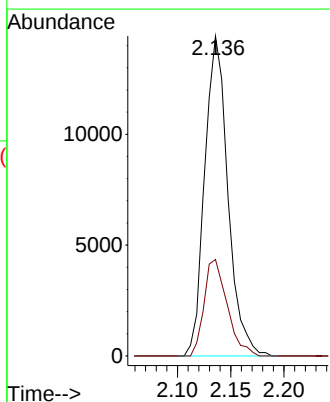
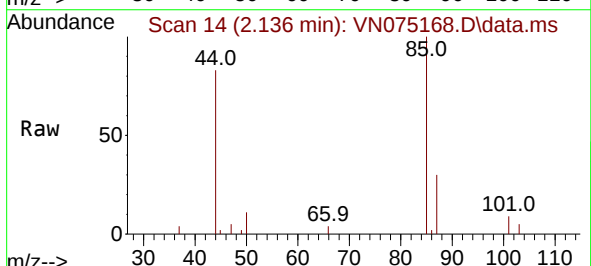
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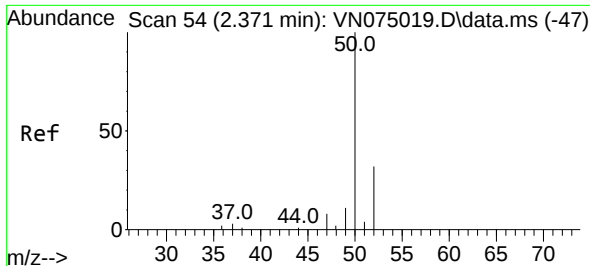
Reviewed By :John Carlone 11/07/2022
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#2
Dichlorodifluoromethane
Concen: 17.510 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion: 85 Resp: 21874
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.0





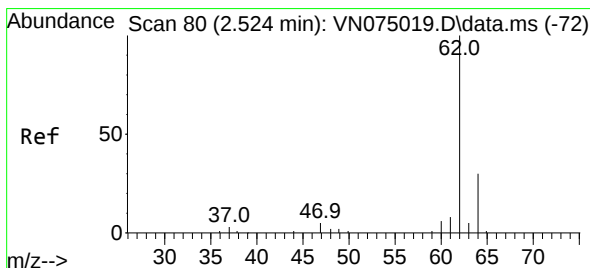
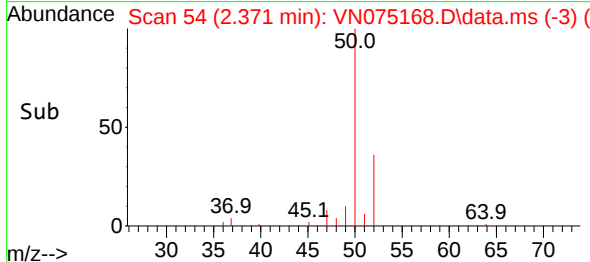
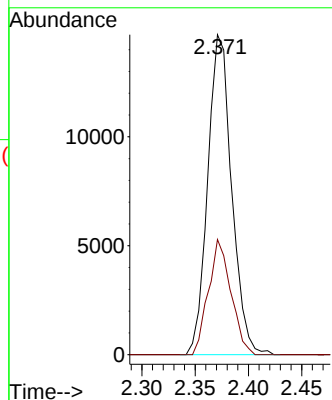
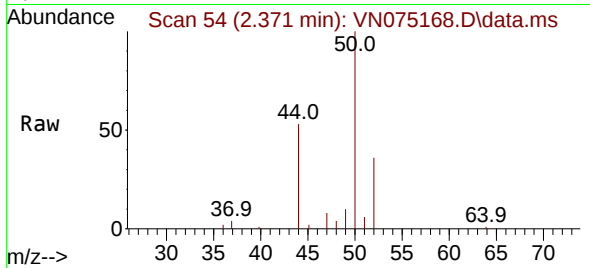
#3
Chloromethane
Concen: 17.341 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

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Tgt Ion: 50 Resp: 23009
Ion Ratio Lower Upper
50 100
52 36.0 25.8 38.6

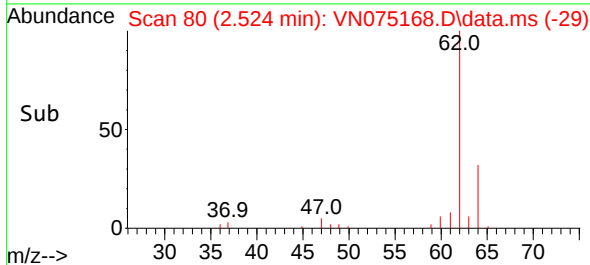
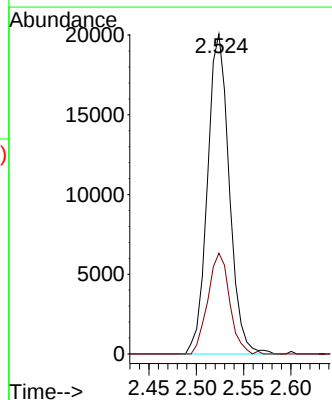
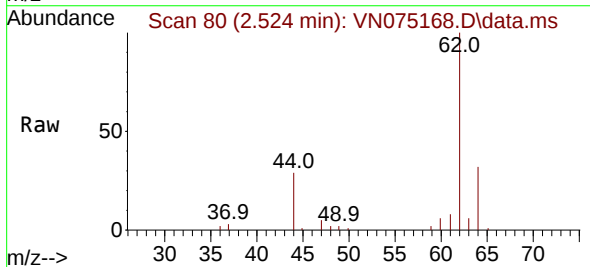
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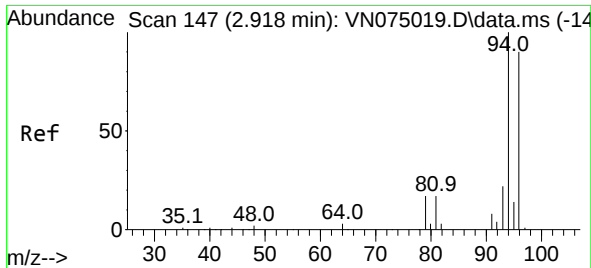
Reviewed By :John Carlone 11/07/2022
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#4
Vinyl Chloride
Concen: 16.931 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion: 62 Resp: 32048
Ion Ratio Lower Upper
62 100
64 31.5 24.0 36.0





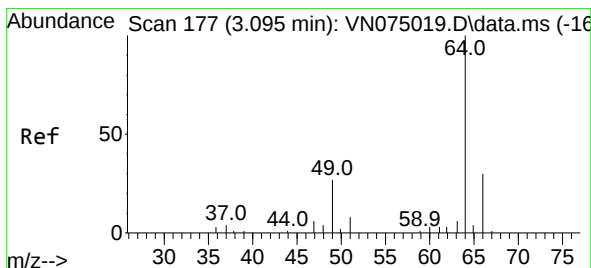
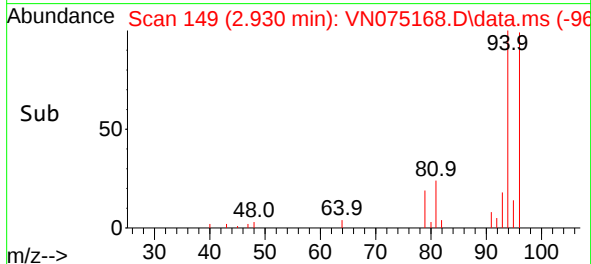
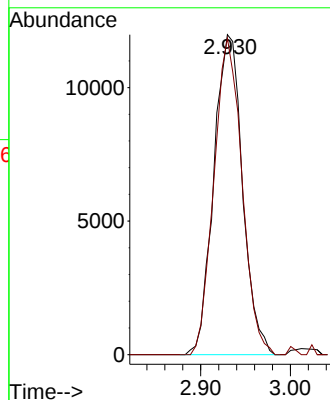
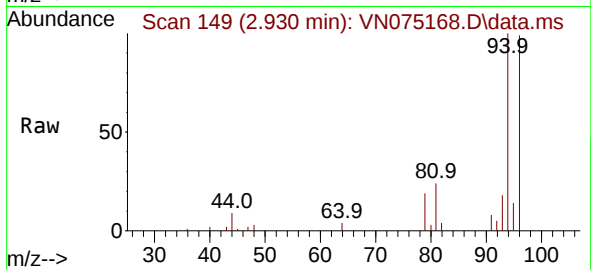
#5
Bromomethane
Concen: 16.392 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
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Tgt Ion: 94 Resp: 26638
Ion Ratio Lower Upper
94 100
96 98.9 71.8 107.6

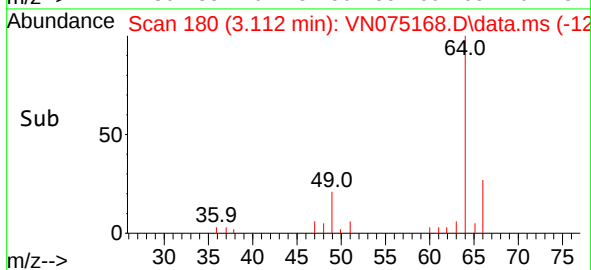
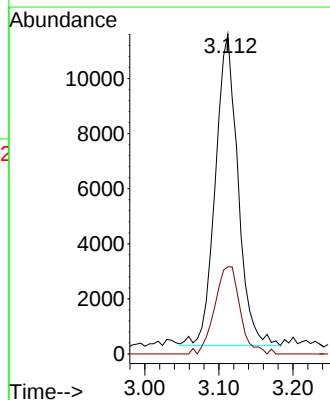
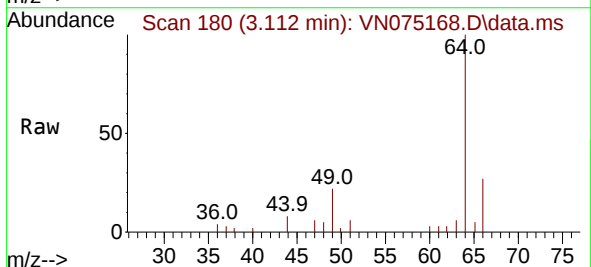
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#6
Chloroethane
Concen: 17.692 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.017 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion: 64 Resp: 24014
Ion Ratio Lower Upper
64 100
66 28.0 23.8 35.8





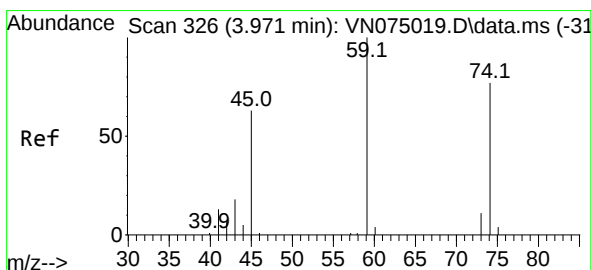
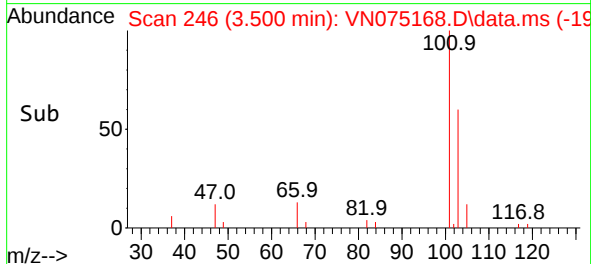
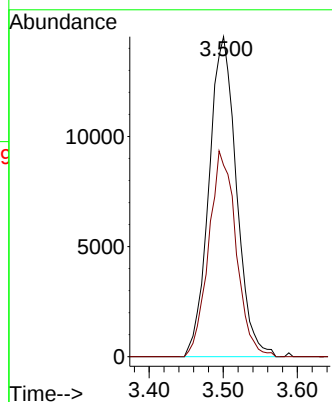
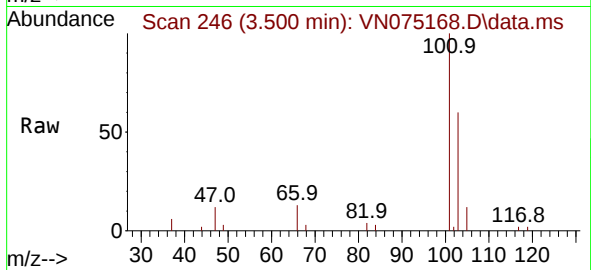
#7
Trichlorofluoromethane
Concen: 19.352 ug/l
RT: 3.500 min Scan# 244
Delta R.T. 0.011 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion:101 Resp: 37420
Ion Ratio Lower Upper
101 100
103 59.9 50.5 75.7

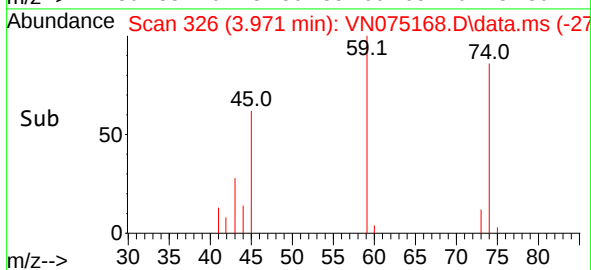
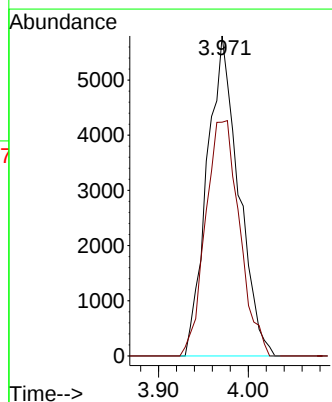
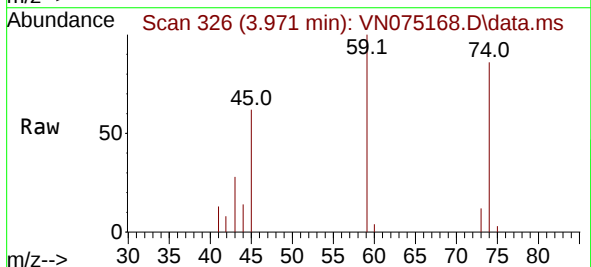
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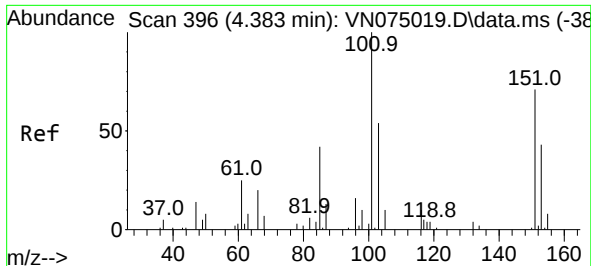
Reviewed By :John Carlone 11/07/2022
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#8
Diethyl Ether
Concen: 20.078 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion: 74 Resp: 14161
Ion Ratio Lower Upper
74 100
45 79.3 39.3 117.9





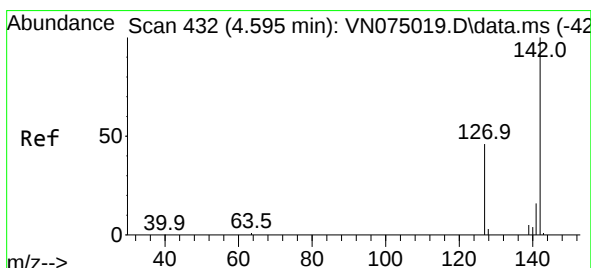
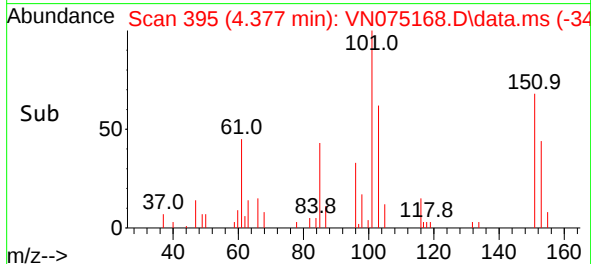
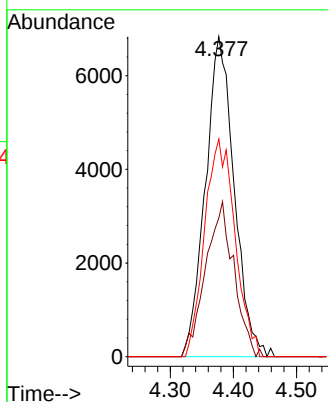
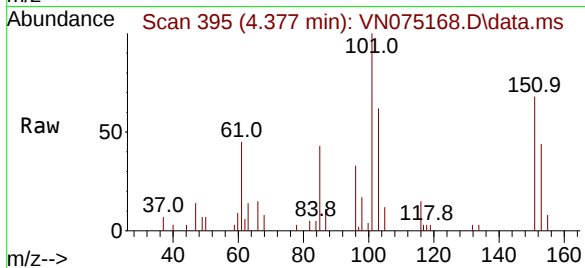
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.267 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075168.D
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Tgt Ion:101 Resp: 2164
Ion Ratio Lower Upper
101 100
85 47.8 37.6 56.4
151 71.8 58.3 87.5

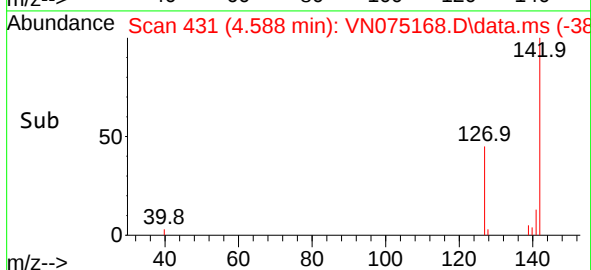
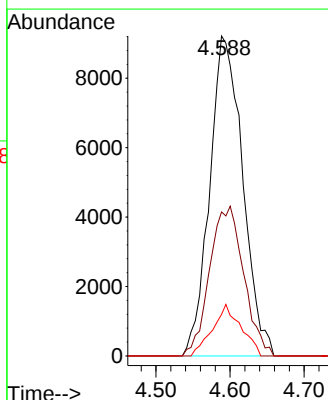
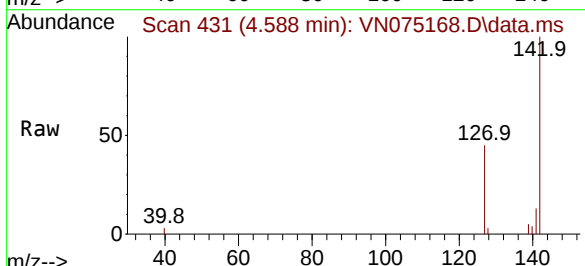
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#10
Methyl Iodide
Concen: 17.914 ug/l
RT: 4.588 min Scan# 431
Delta R.T. -0.007 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion:142 Resp: 28479
Ion Ratio Lower Upper
142 100
127 48.3 38.0 57.0
141 13.9 12.2 18.4





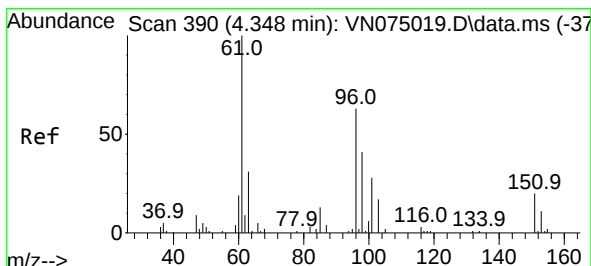
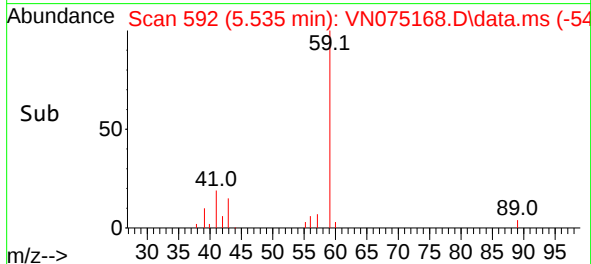
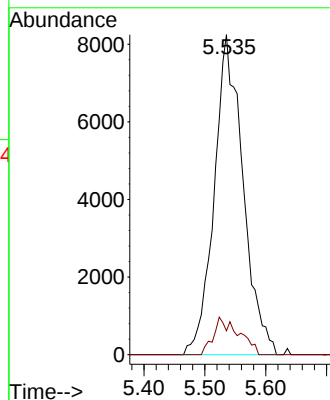
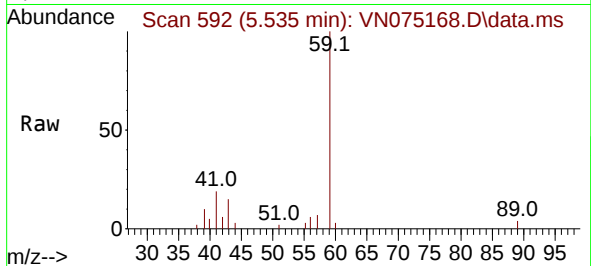
#11
Tert butyl alcohol
Concen: 89.686 ug/l
RT: 5.535 min Scan# 593
Delta R.T. -0.007 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion: 59 Resp: 2706
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

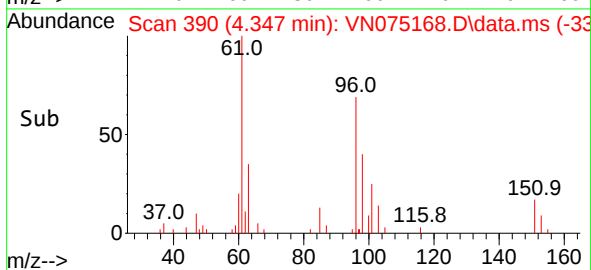
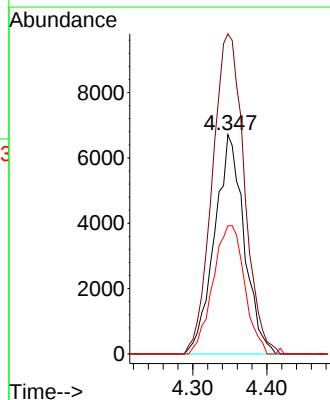
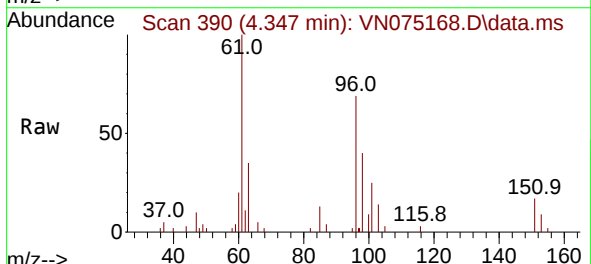
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#12
1,1-Dichloroethene
Concen: 18.238 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

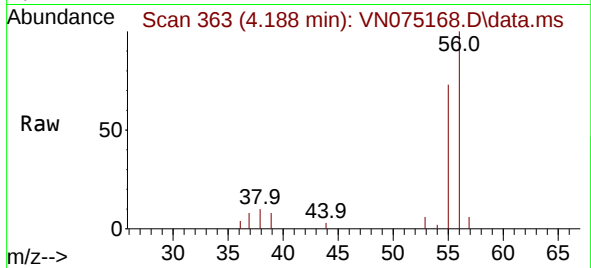
Tgt Ion: 96 Resp: 18565
Ion Ratio Lower Upper
96 100
61 146.0 126.2 189.4
98 58.4 51.5 77.3





#13
Acrolein
Concen: 81.491 ug/l
RT: 4.188 min Scan# 301
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

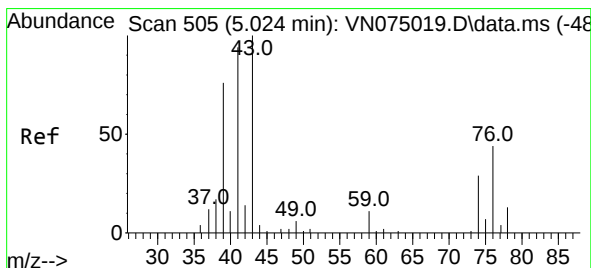
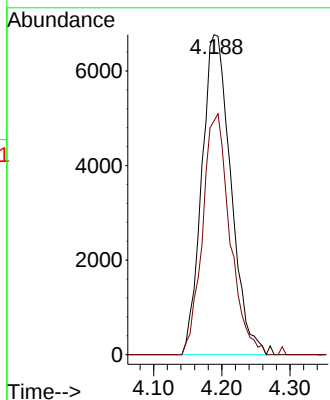
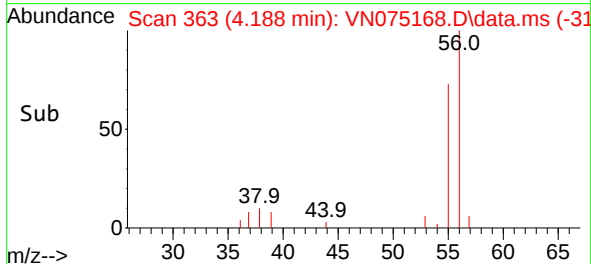
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



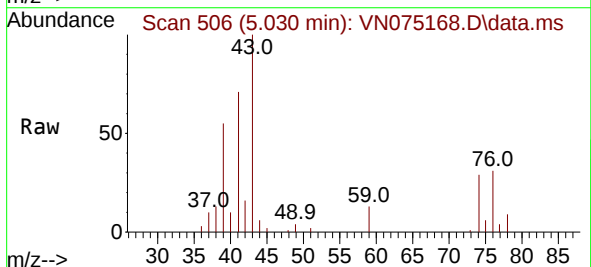
Tgt Ion: 56 Resp: 2011
Ion Ratio Lower Upper
56 100
55 70.8 55.2 82.8

Manual Integrations
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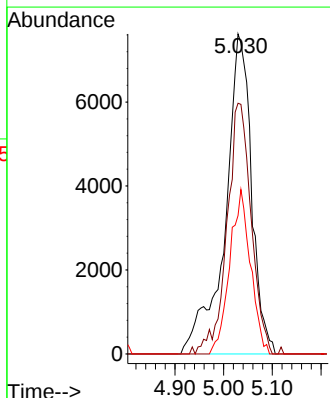
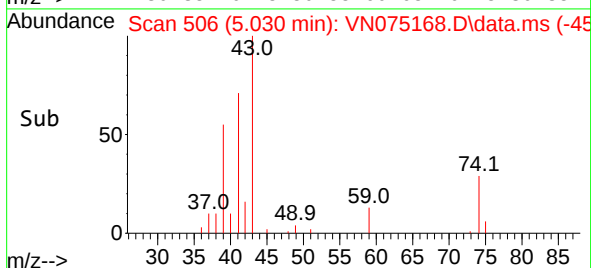
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

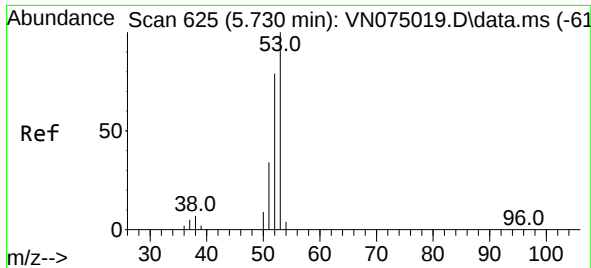


#14
Allyl chloride
Concen: 19.261 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32



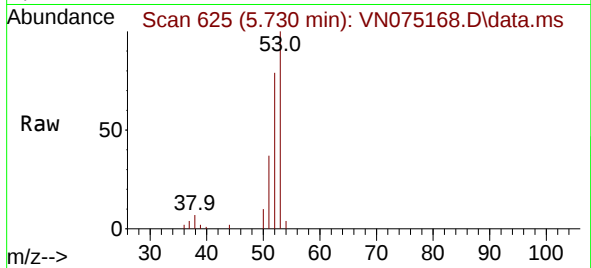
Tgt Ion: 41 Resp: 28635
Ion Ratio Lower Upper
41 100
39 71.8 61.0 91.4
76 40.5 33.4 50.0





#15
Acrylonitrile
Concen: 102.701 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

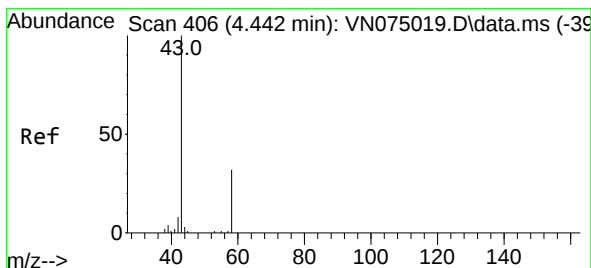
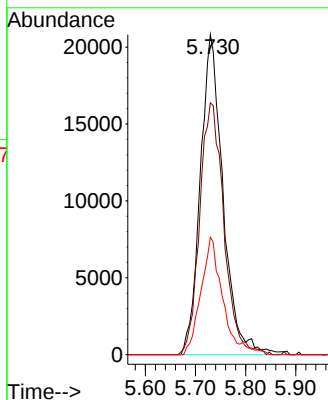
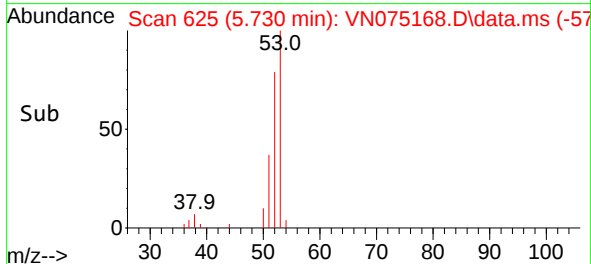
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



Tgt Ion: 53 Resp: 65460
Ion Ratio Lower Upper
53 100
52 83.7 66.4 99.6
51 35.5 29.6 44.4

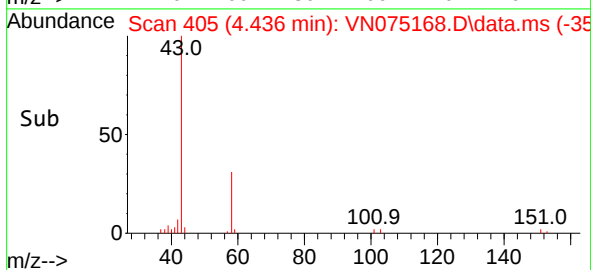
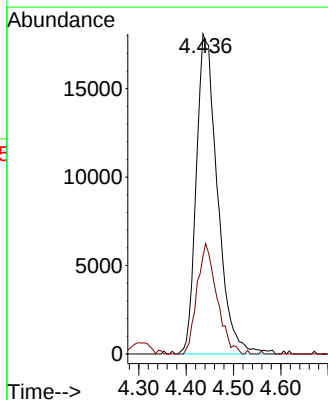
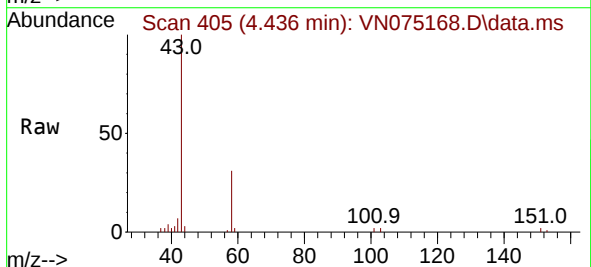
Manual Integrations
APPROVED

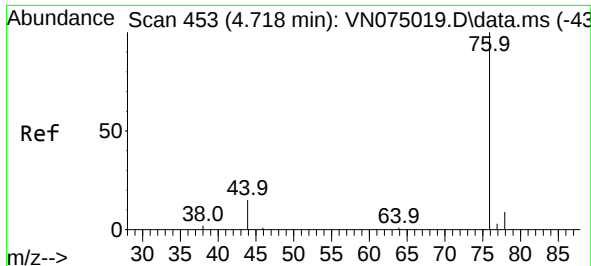
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#16
Acetone
Concen: 102.693 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

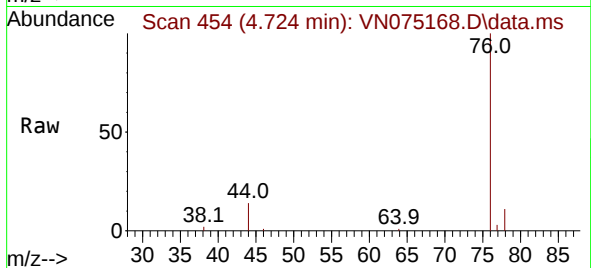
Tgt Ion: 43 Resp: 56260
Ion Ratio Lower Upper
43 100
58 30.6 25.5 38.3





#17
Carbon Disulfide
Concen: 16.527 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

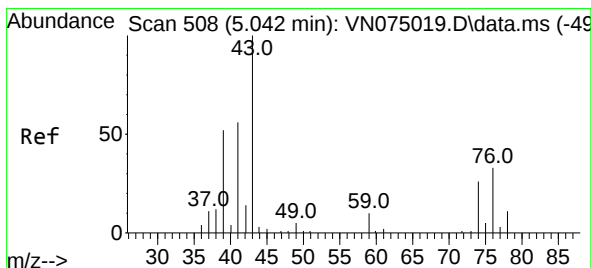
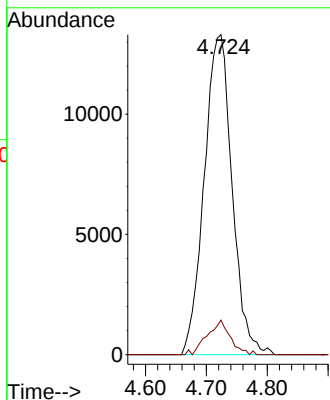
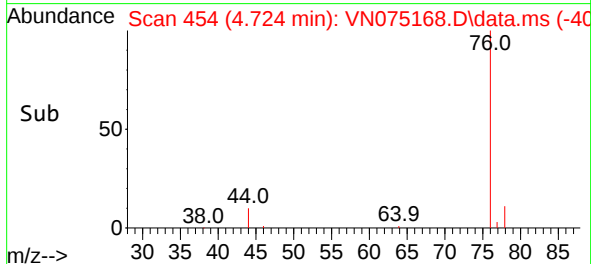
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



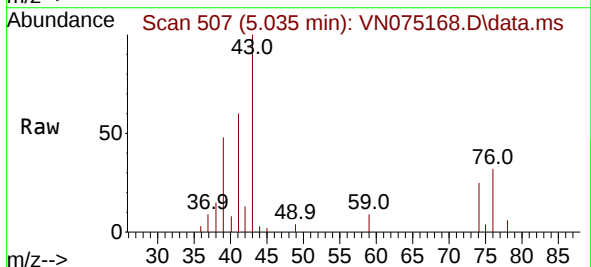
Tgt Ion: 76 Resp: 42300
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.2

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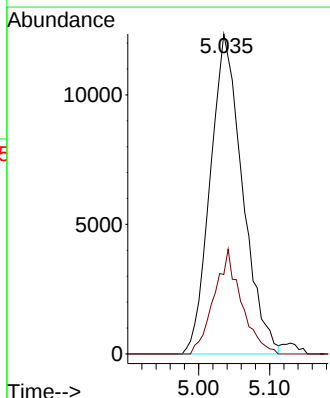
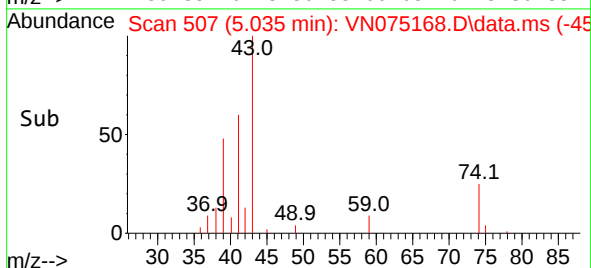
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

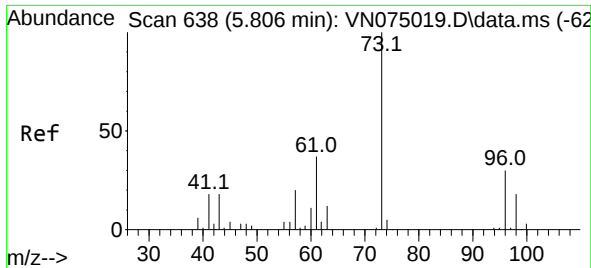


#18
Methyl Acetate
Concen: 21.725 ug/l
RT: 5.035 min Scan# 507
Delta R.T. -0.007 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32



Tgt Ion: 43 Resp: 38878
Ion Ratio Lower Upper
43 100
74 27.7 22.0 33.0





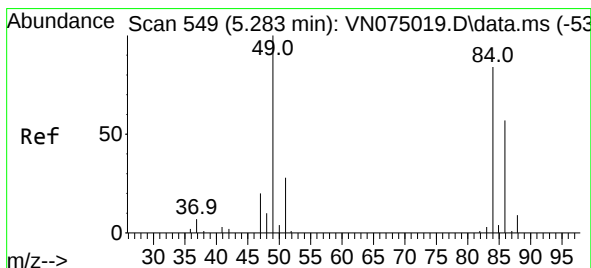
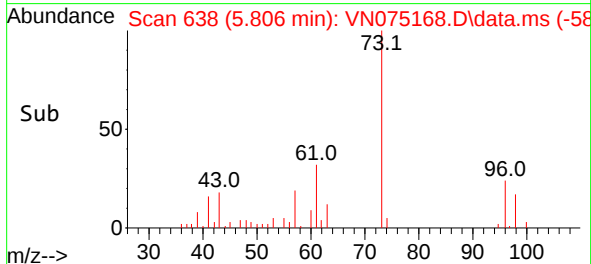
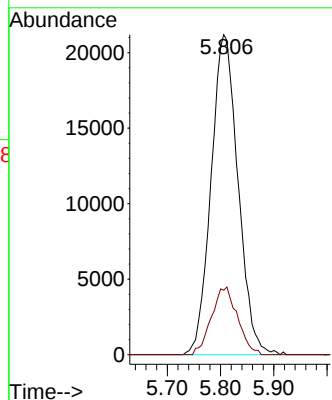
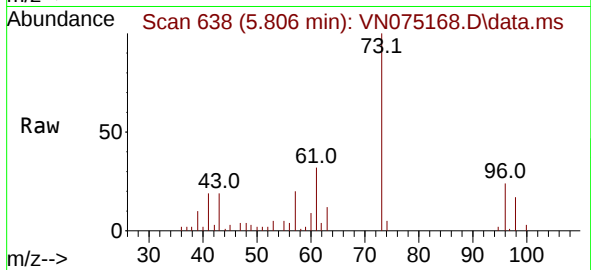
#19
Methyl tert-butyl Ether
Concen: 19.693 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion: 73 Resp: 74504
Ion Ratio Lower Upper
73 100
57 20.1 16.3 24.5

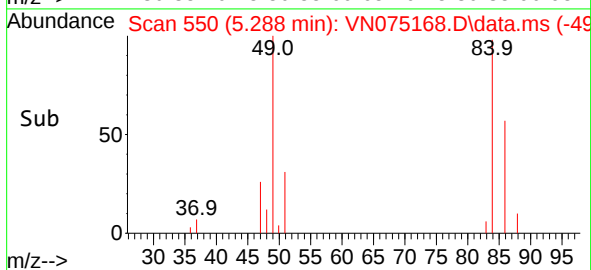
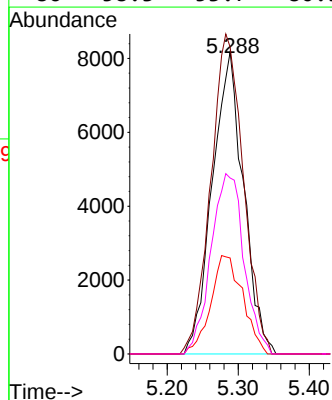
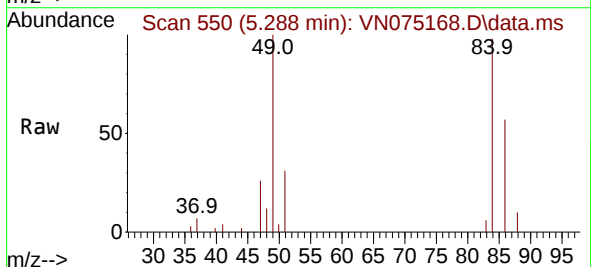
Manual Integrations
APPROVED

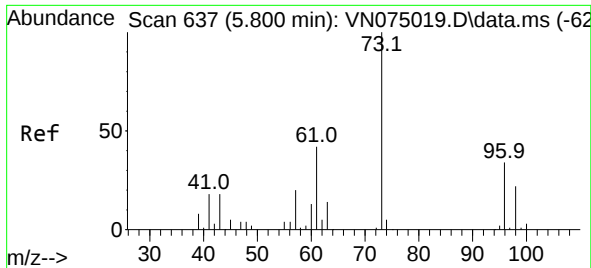
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#20
Methylene Chloride
Concen: 20.390 ug/l
RT: 5.288 min Scan# 550
Delta R.T. 0.005 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion: 84 Resp: 24906
Ion Ratio Lower Upper
84 100
49 101.5 94.9 142.3
51 31.8 26.8 40.2
86 58.3 53.7 80.5





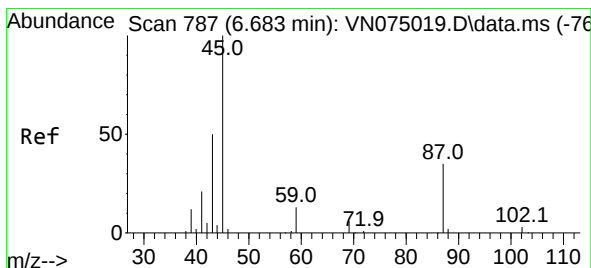
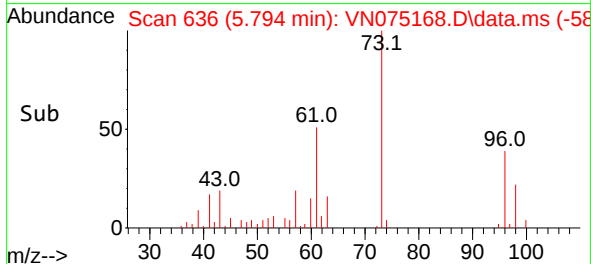
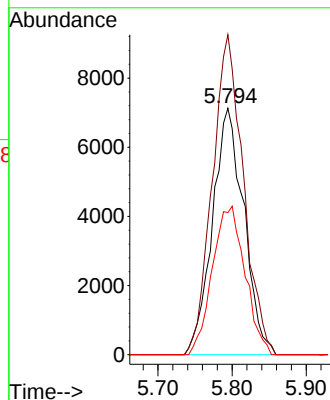
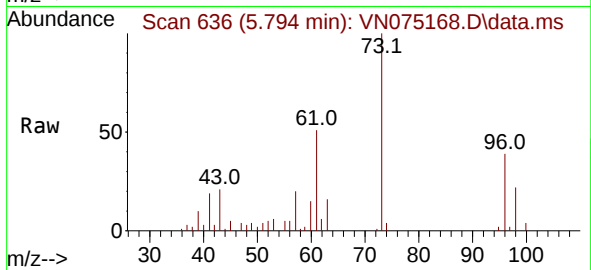
#21
trans-1,2-Dichloroethene
Concen: 18.831 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion: 96 Resp: 20988
Ion Ratio Lower Upper
96 100
61 129.9 99.9 149.9
98 57.7 51.5 77.3

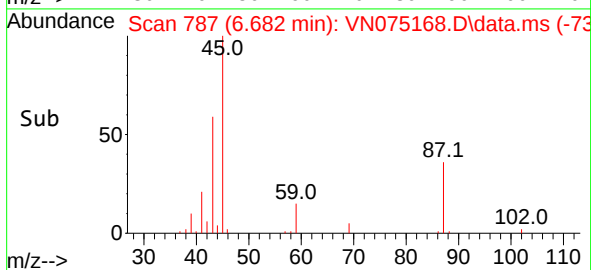
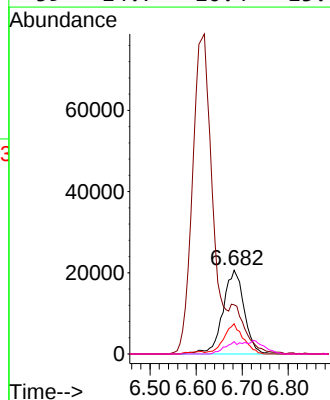
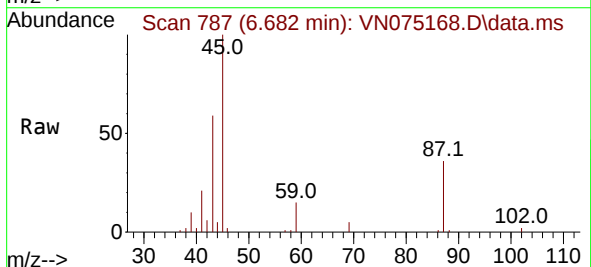
Manual Integrations
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Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#22
Diisopropyl ether
Concen: 20.066 ug/l
RT: 6.682 min Scan# 787
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

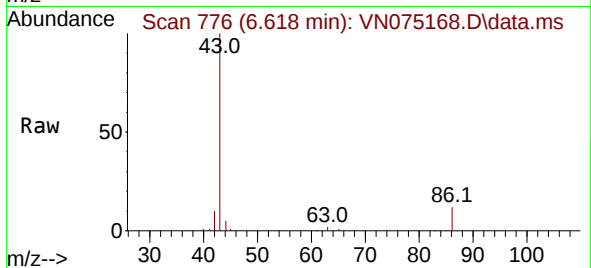
Tgt Ion: 45 Resp: 65833
Ion Ratio Lower Upper
45 100
43 56.6 42.8 64.2
87 36.2 28.4 42.6
59 14.7 10.4 15.6





#23
 Vinyl Acetate
 Concen: 96.140 ug/l m
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN075168.D
 Acq: 04 Nov 2022 12:32

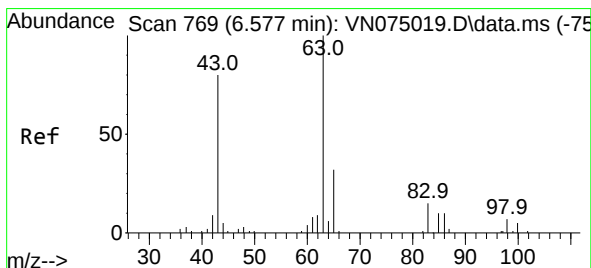
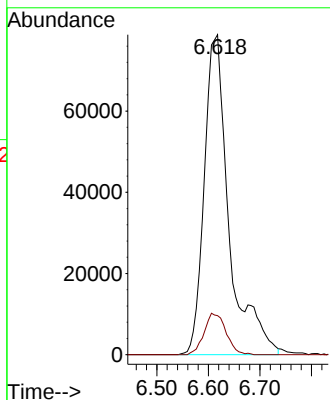
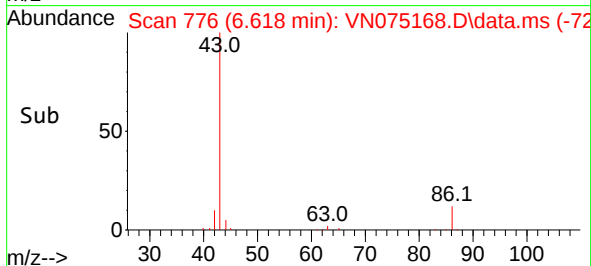
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01



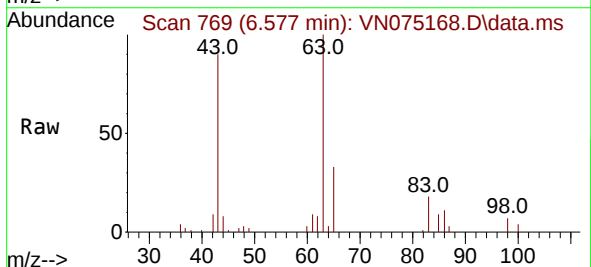
Tgt Ion: 43 Resp: 263392
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.7 16.1

Manual Integrations
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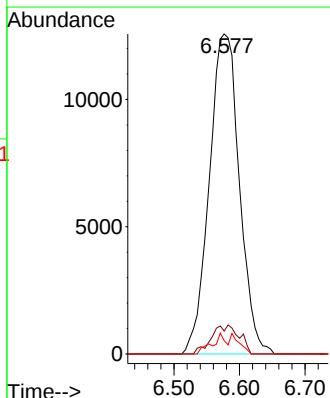
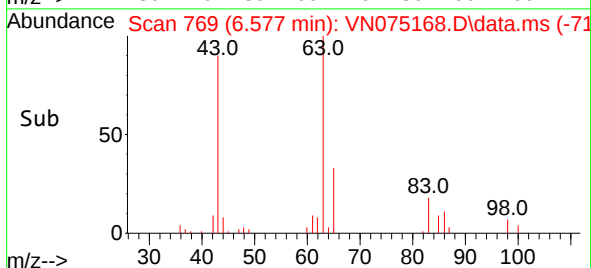
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

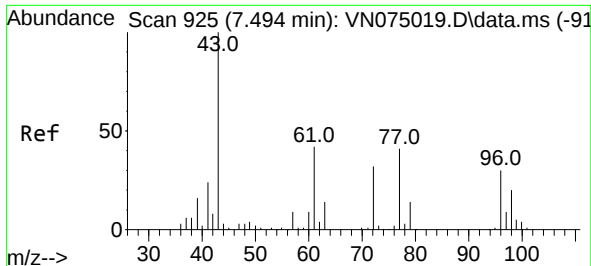


#24
 1,1-Dichloroethane
 Concen: 19.336 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075168.D
 Acq: 04 Nov 2022 12:32



Tgt Ion: 63 Resp: 40122
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 101.796 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

Tgt Ion: 43 Resp: 87719

Ion Ratio Lower Upper

43 100

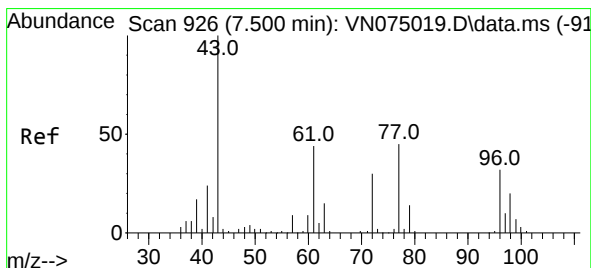
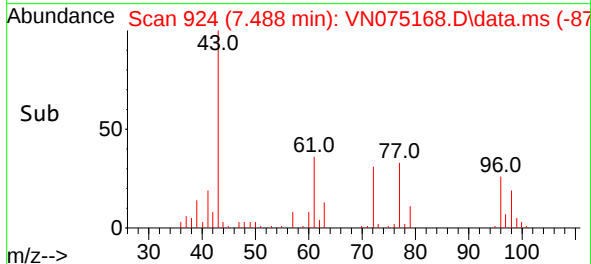
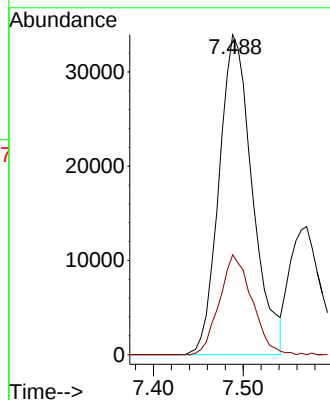
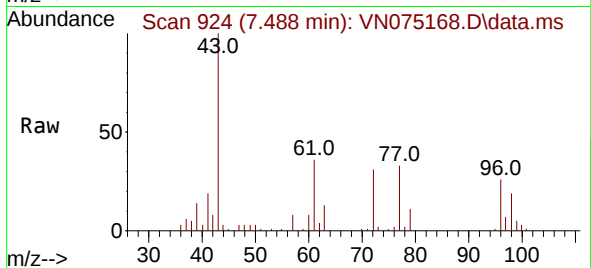
72 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#26

2,2-Dichloropropane

Concen: 18.787 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075168.D

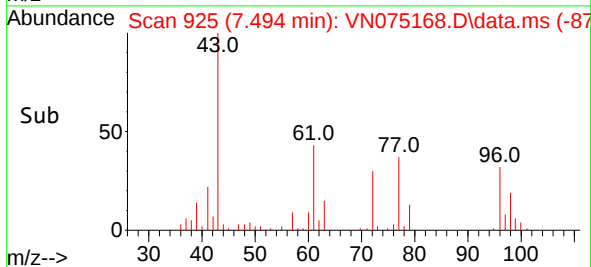
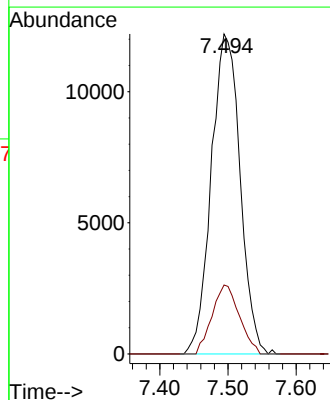
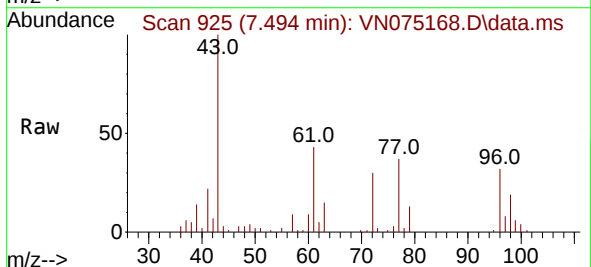
Acq: 04 Nov 2022 12:32

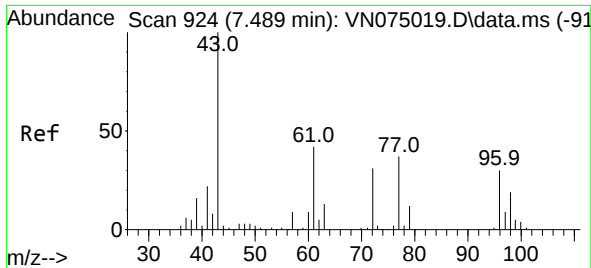
Tgt Ion: 77 Resp: 35861

Ion Ratio Lower Upper

77 100

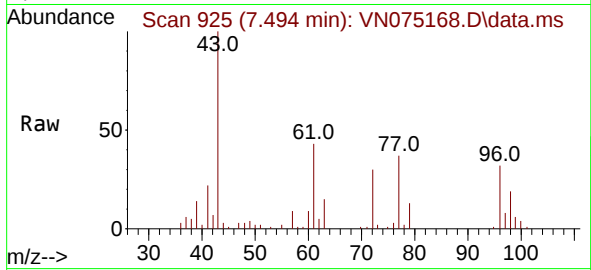
97 20.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.874 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075168.D
 Acq: 04 Nov 2022 12:32

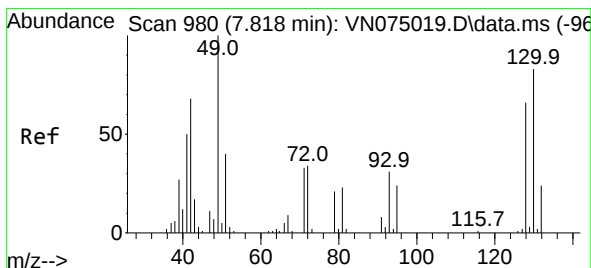
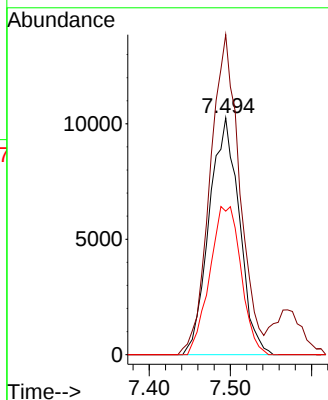
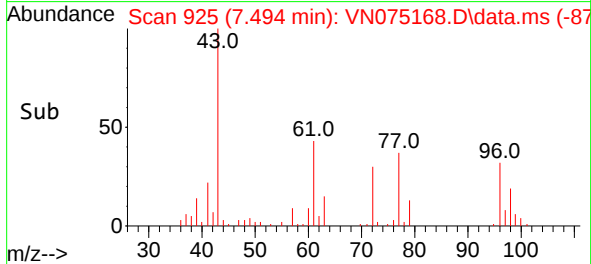
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01



Tgt Ion: 96 Resp: 2645
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 278.8
 98 65.1 0.0 128.4

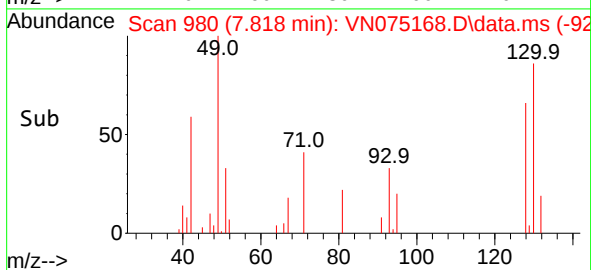
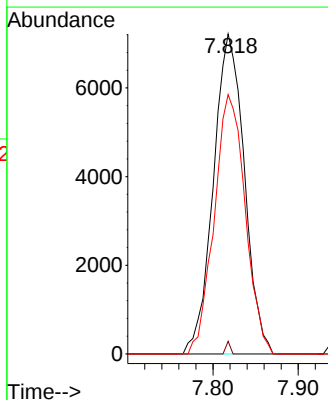
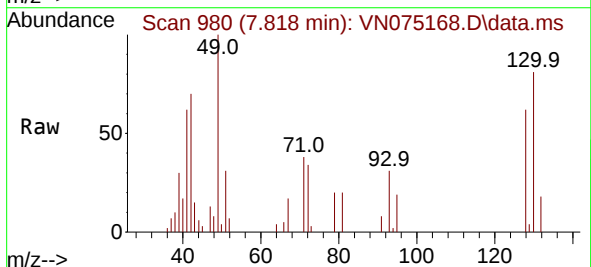
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022



#28
 Bromochloromethane
 Concen: 20.826 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075168.D
 Acq: 04 Nov 2022 12:32

Tgt Ion: 49 Resp: 18216
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.6
 130 81.1 66.2 99.4





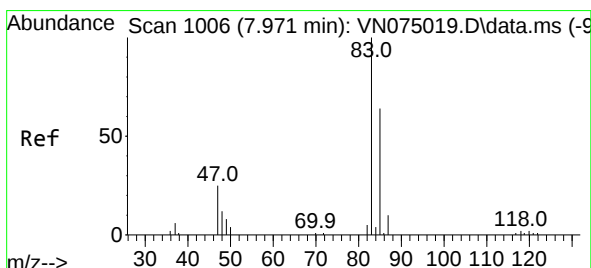
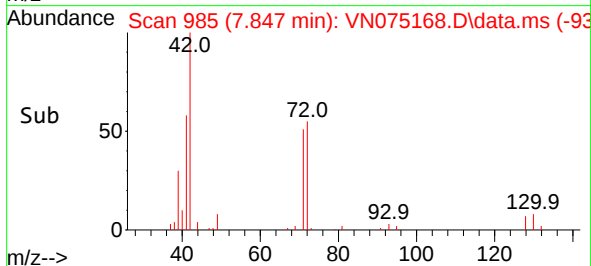
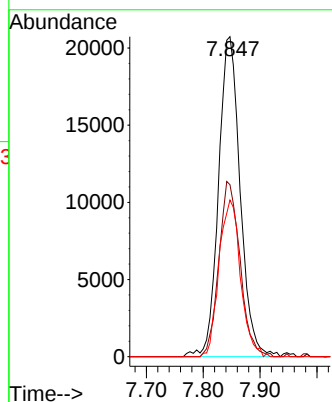
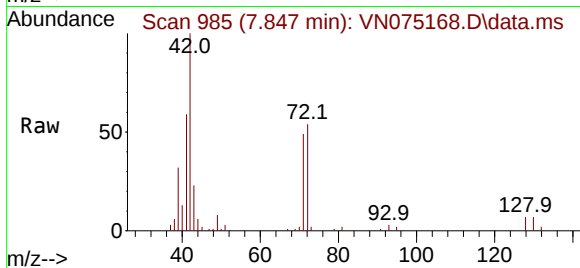
#29
Tetrahydrofuran
Concen: 98.662 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion: 42 Resp: 54938
Ion Ratio Lower Upper
42 100
72 53.6 43.0 64.6
71 48.6 39.9 59.9

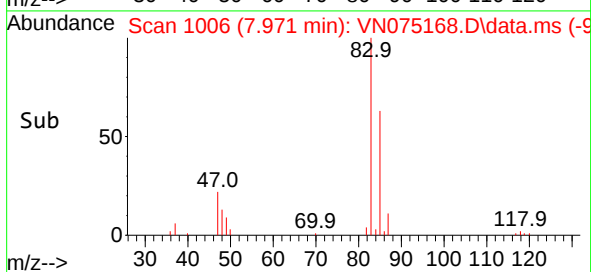
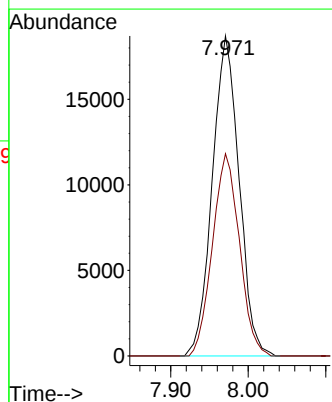
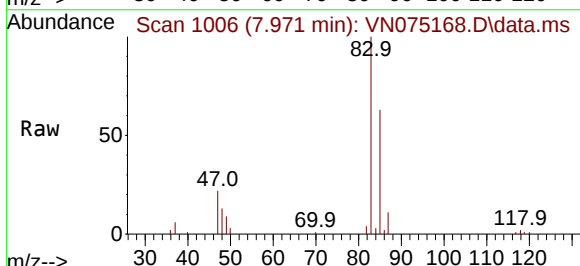
Manual Integrations
APPROVED

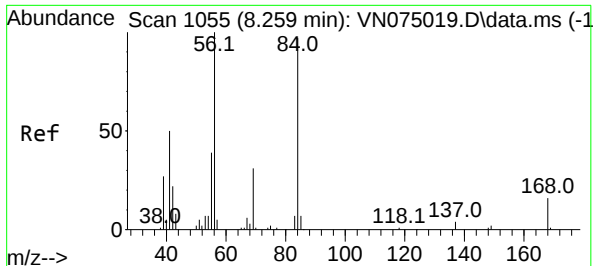
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#30
Chloroform
Concen: 19.956 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion: 83 Resp: 44958
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.0





#31

Cyclohexane

Concen: 18.016 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

Tgt Ion: 56 Resp: 3466

Ion Ratio Lower Upper

56 100

69 30.0 25.2 37.8

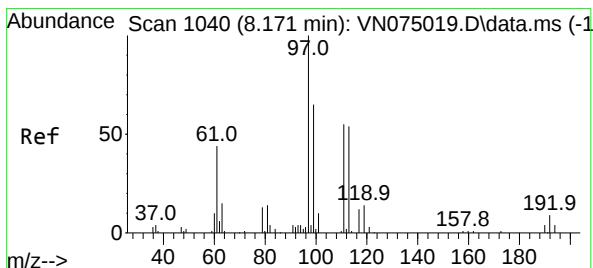
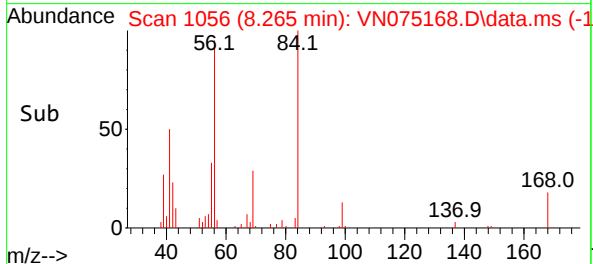
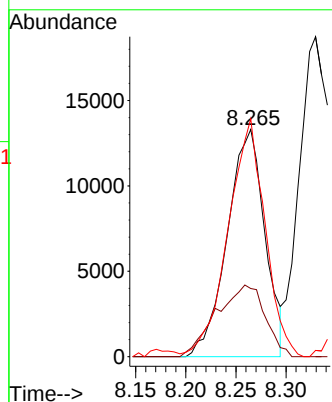
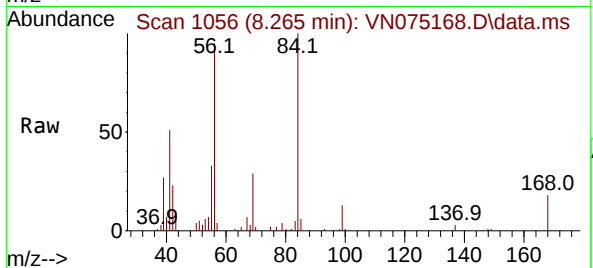
84 103.5 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#32

1,1,1-Trichloroethane

Concen: 19.575 ug/l

RT: 8.176 min Scan# 1041

Delta R.T. 0.005 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

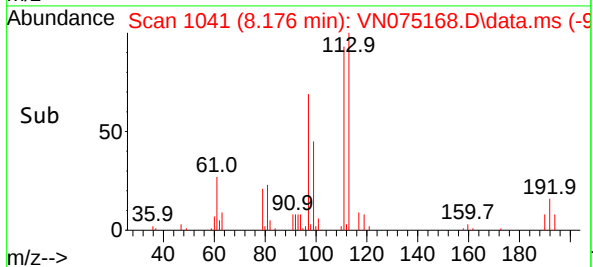
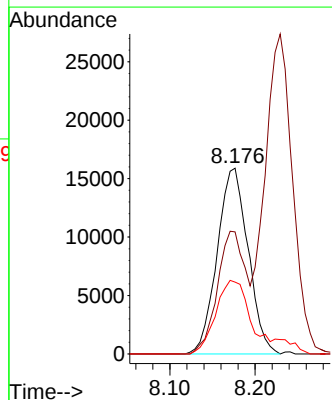
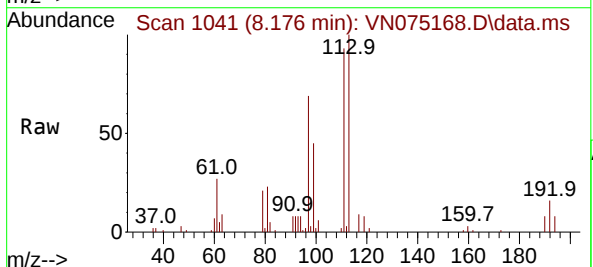
Tgt Ion: 97 Resp: 40048

Ion Ratio Lower Upper

97 100

99 60.6 50.2 75.2

61 49.3 37.0 55.6





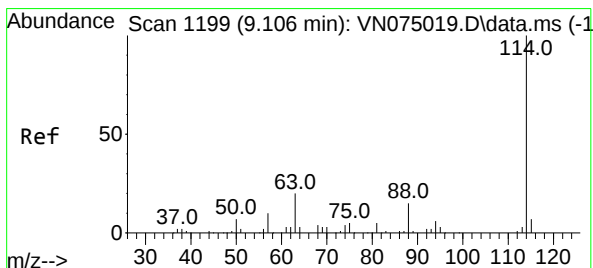
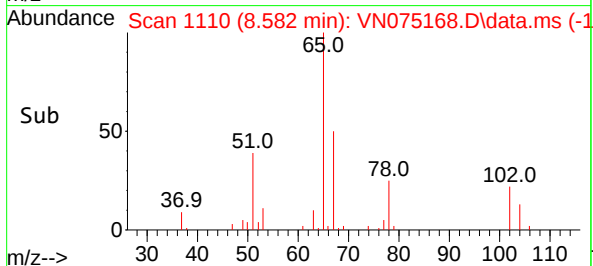
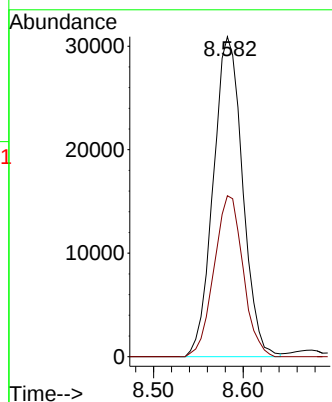
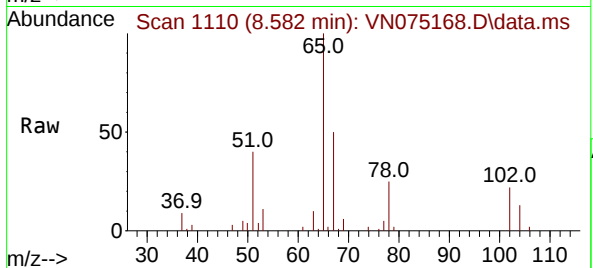
#33
1,2-Dichloroethane-d4
Concen: 54.163 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion: 65 Resp: 70079
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.0

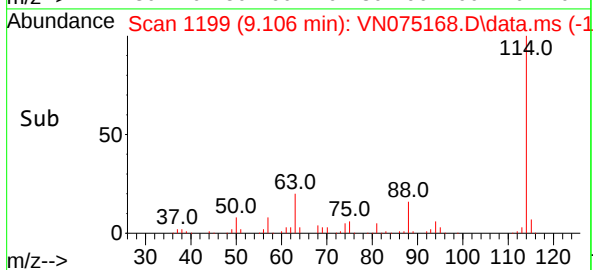
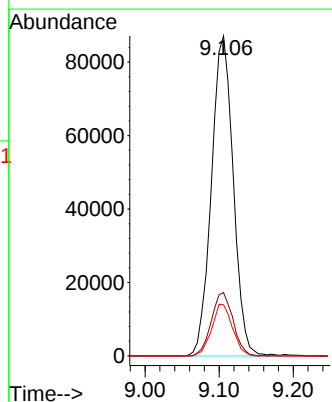
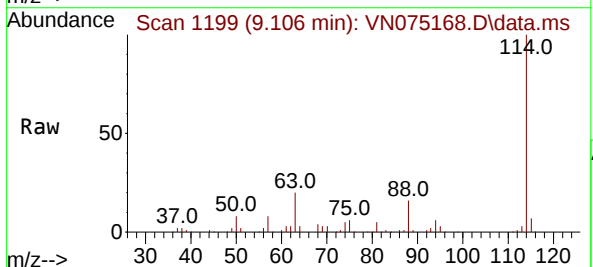
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion:114 Resp: 178327
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 16.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.897 ug/l

RT: 8.176 min Scan# 1040

Delta R.T. 0.005 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

Tgt Ion: 113 Resp: 55370

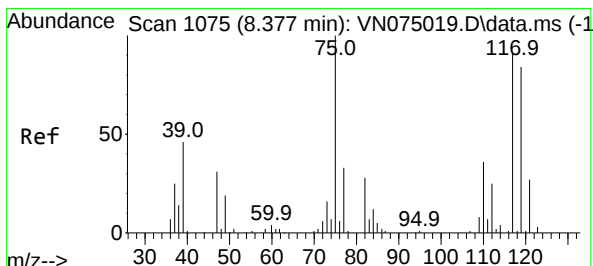
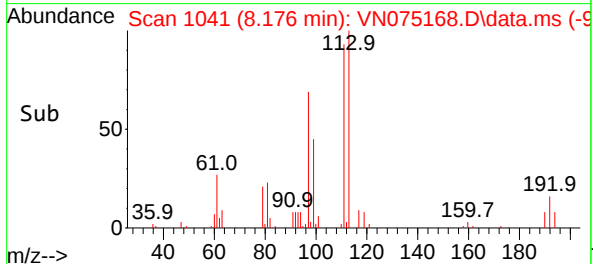
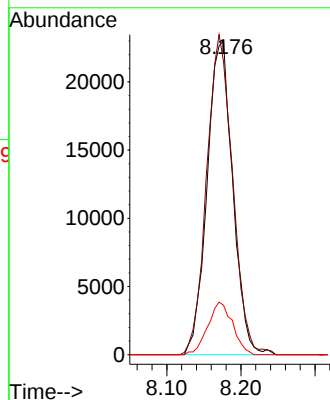
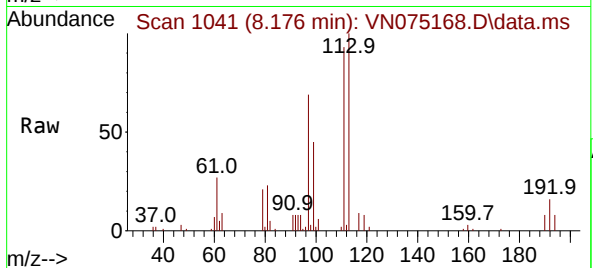
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.5	120.7
192	16.2	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#36

1,1-Dichloropropene

Concen: 18.650 ug/l

RT: 8.376 min Scan# 1075

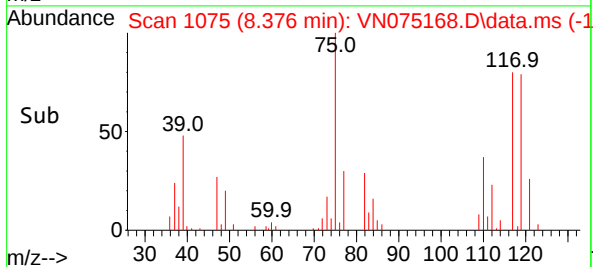
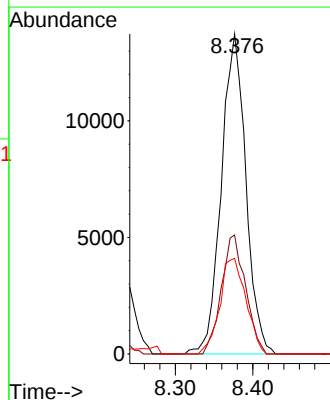
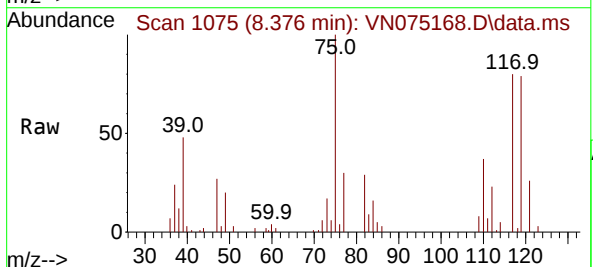
Delta R.T. -0.001 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

Tgt Ion: 75 Resp: 30227

Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.8	53.3
77	31.9	24.6	37.0





#37
Ethyl Acetate
Concen: 18.523 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

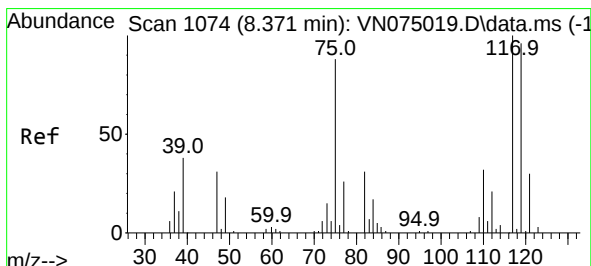
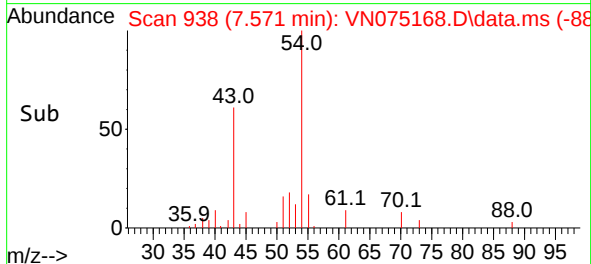
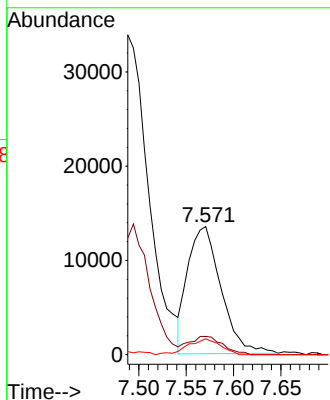
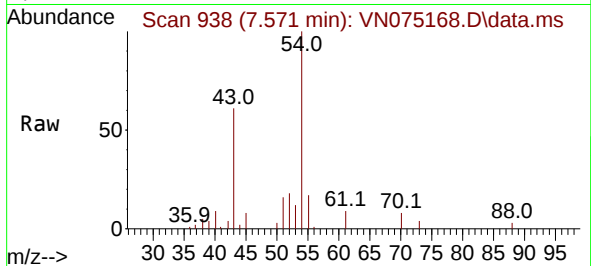
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion: 43 Resp: 32924

Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.2	18.4
70	12.2	9.4	14.2

Manual Integrations
APPROVED

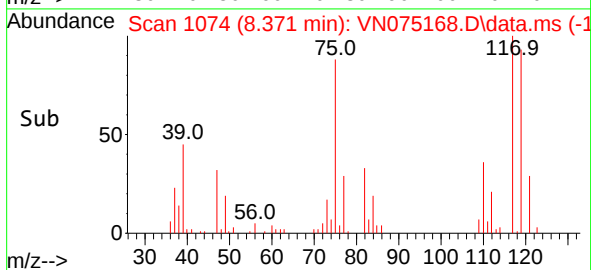
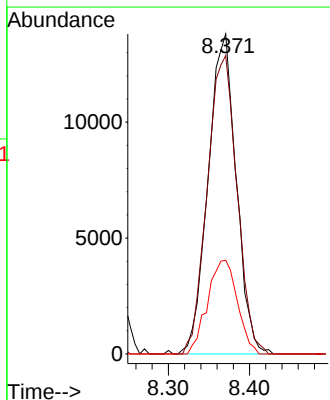
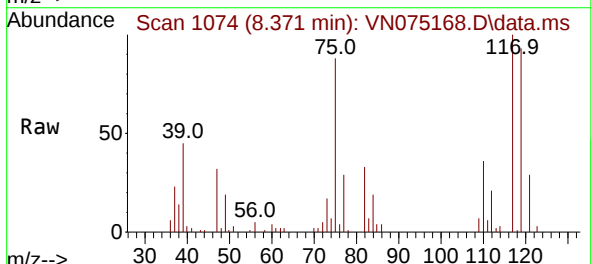
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

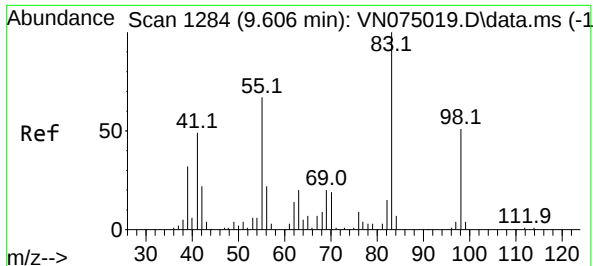


#38
Carbon Tetrachloride
Concen: 18.611 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion: 117 Resp: 33180

Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.7	115.1
121	29.3	23.9	35.9





#39

Methylcyclohexane

Concen: 17.817 ug/l

RT: 9.600 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

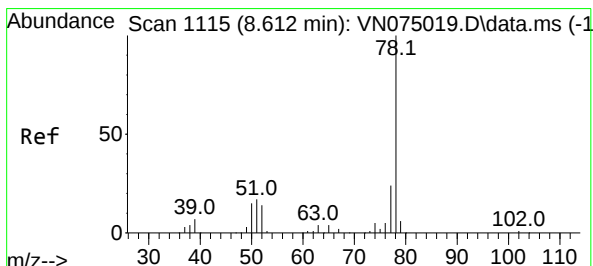
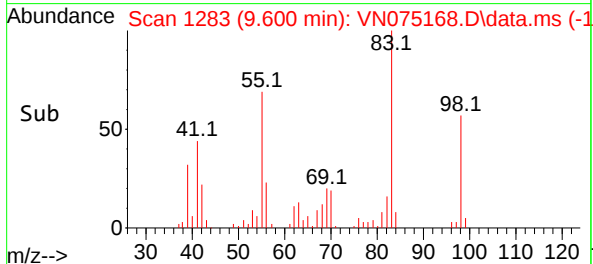
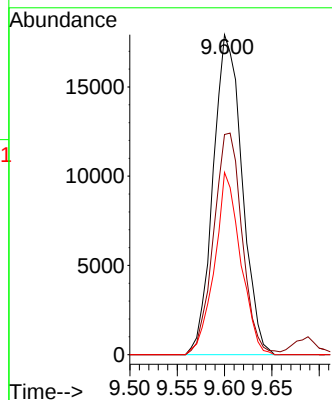
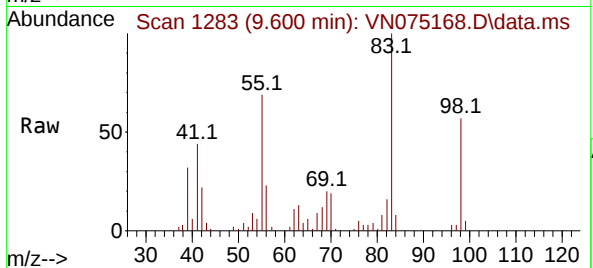
Tgt Ion: 83	Resp: 3812
Ion Ratio	Lower Upper
83	100
55	68.8 53.6 80.4
98	57.0 41.1 61.7

Manual Integrations

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Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#40

Benzene

Concen: 19.380 ug/l

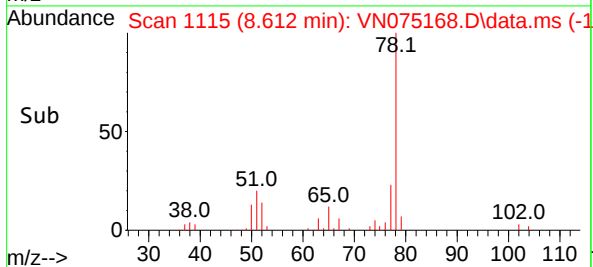
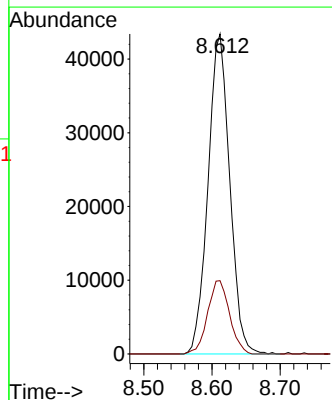
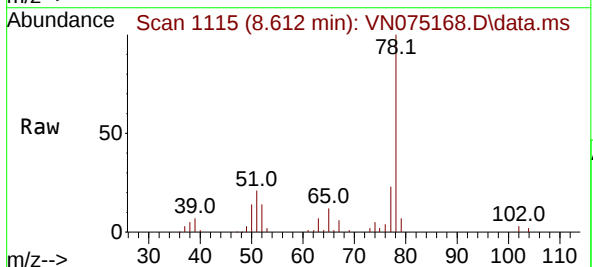
RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

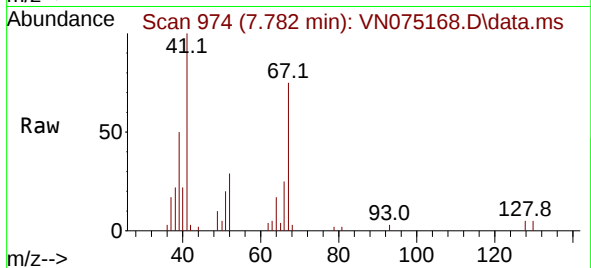
Tgt Ion: 78	Resp: 96171
Ion Ratio	Lower Upper
78	100
77	22.9 19.4 29.0





#41
Methacrylonitrile
Concen: 20.752 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

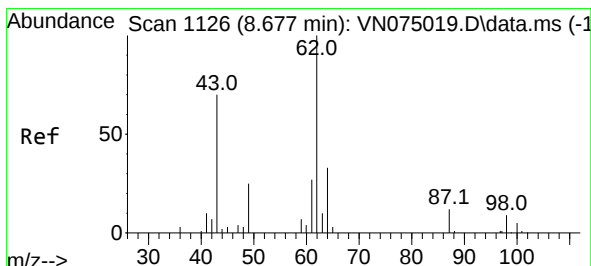
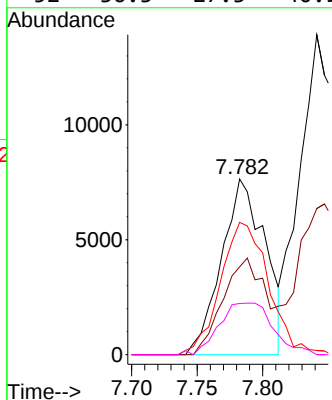
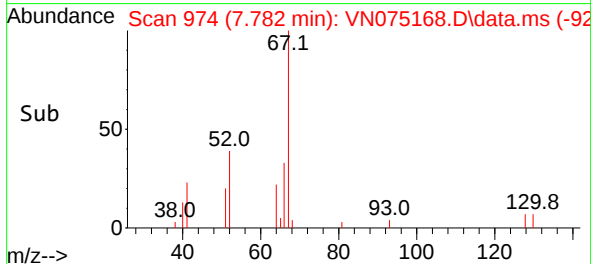
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



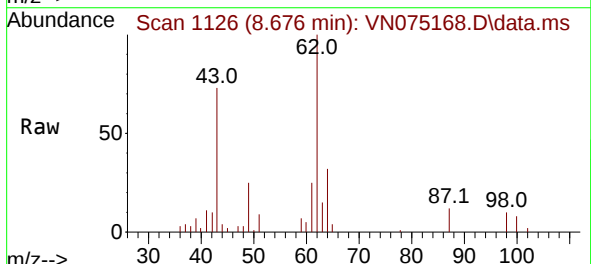
Tgt Ion: 41 Resp: 17672
Ion Ratio Lower Upper
41 100
39 55.6 44.4 66.6
67 83.1 69.8 104.6
52 36.3 27.3 40.9

Manual Integrations
APPROVED

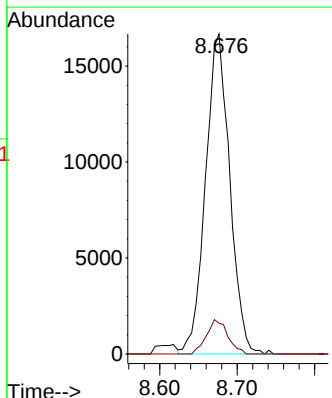
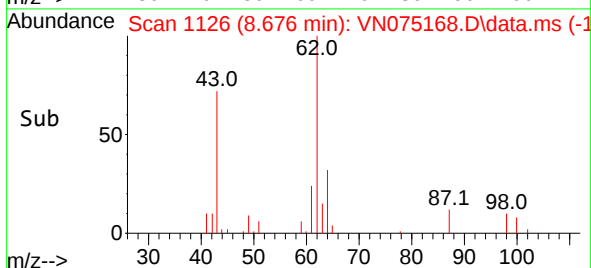
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

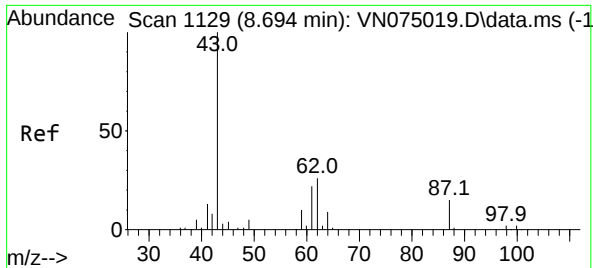


#42
1,2-Dichloroethane
Concen: 20.110 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32



Tgt Ion: 62 Resp: 36308
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.2





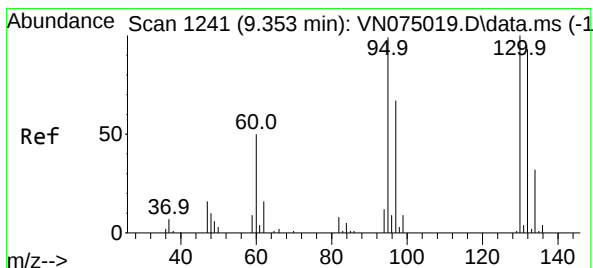
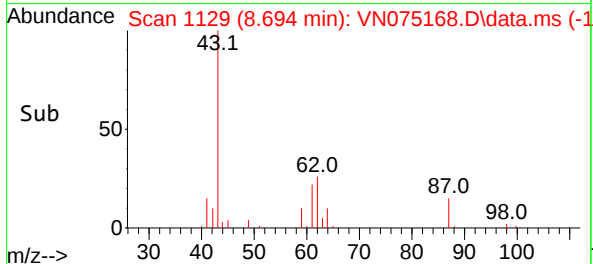
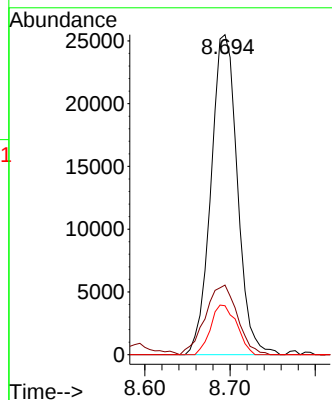
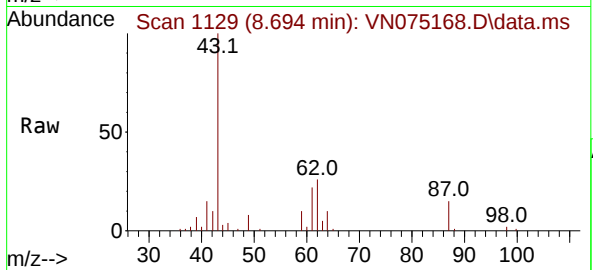
#43
Isopropyl Acetate
Concen: 19.925 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion: 43 Resp: 5493
Ion Ratio Lower Upper
43 100
61 26.5 22.4 33.6
87 15.3 12.5 18.7

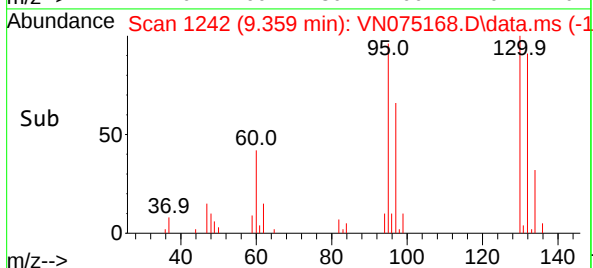
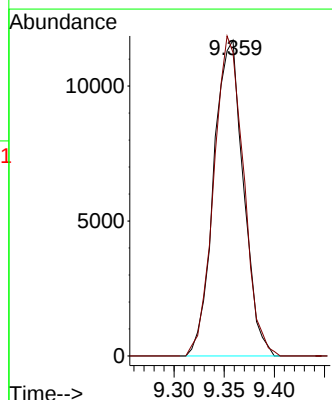
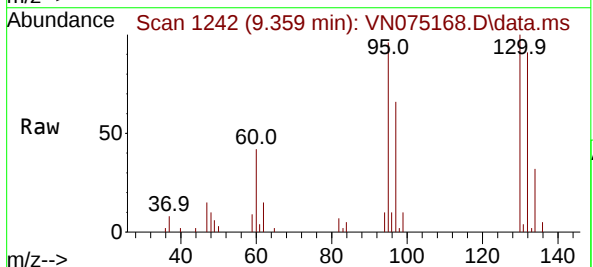
Manual Integrations
APPROVED

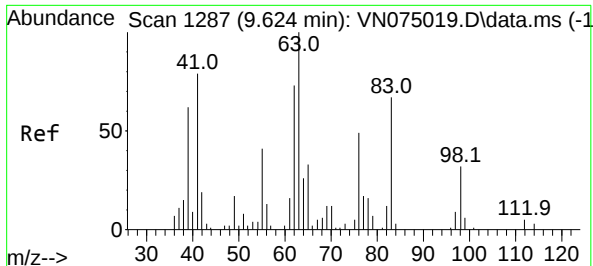
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#44
Trichloroethene
Concen: 19.359 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion:130 Resp: 24102
Ion Ratio Lower Upper
130 100
95 96.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.943 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.001 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

Tgt Ion: 63 Resp: 2473

Ion Ratio Lower Upper

63 100

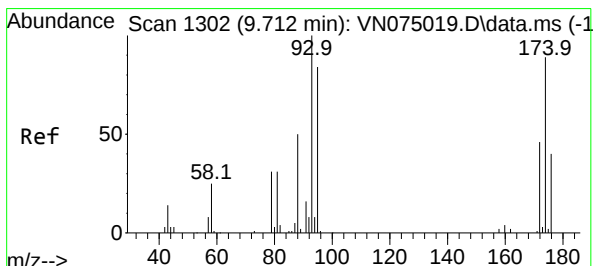
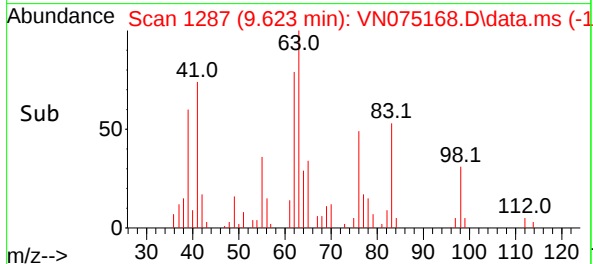
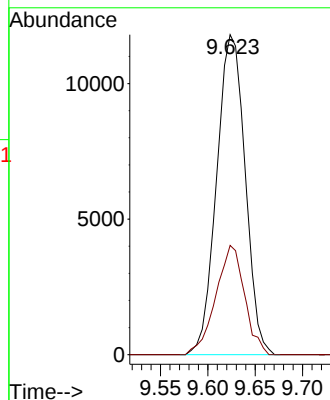
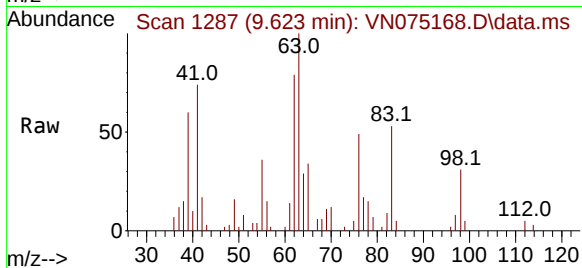
65 34.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#46

Dibromomethane

Concen: 19.679 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

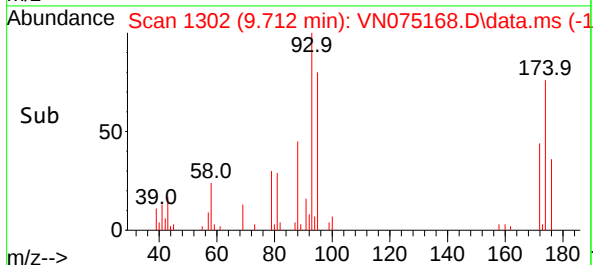
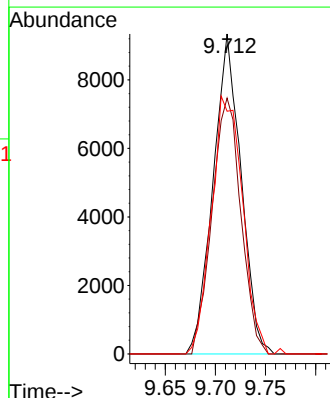
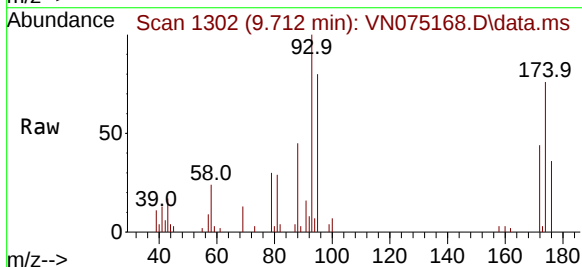
Tgt Ion: 93 Resp: 18106

Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

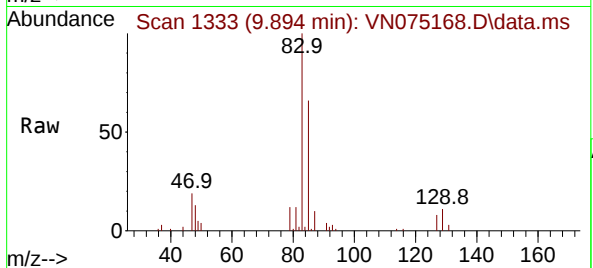
174 89.6 70.3 105.5





#47
Bromodichloromethane
Concen: 19.590 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

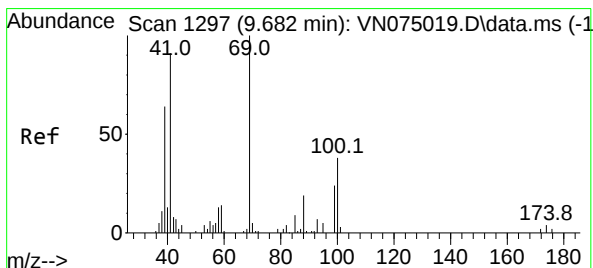
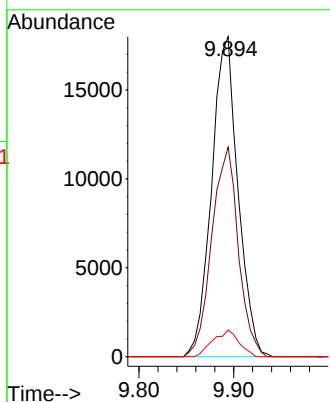
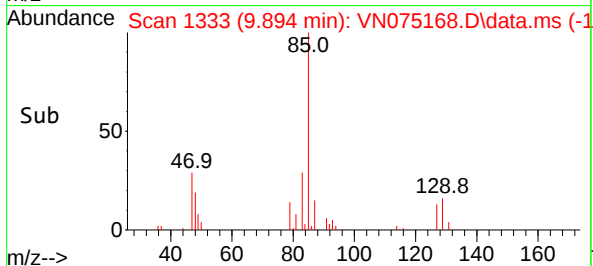
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



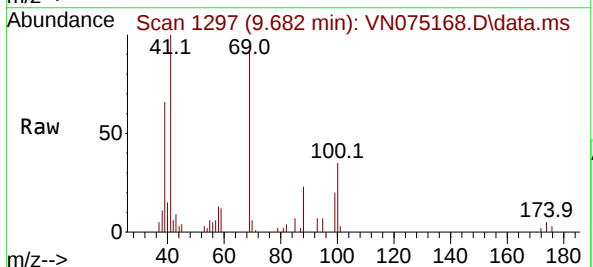
Tgt Ion: 83 Resp: 34904
Ion Ratio Lower Upper
83 100
85 65.5 52.1 78.1
127 8.4 6.6 10.0

Manual Integrations
APPROVED

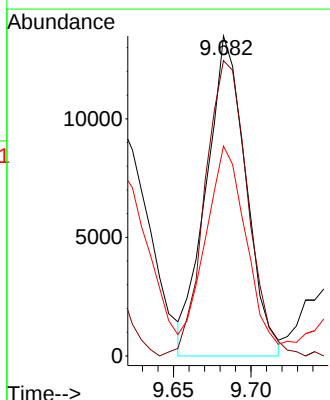
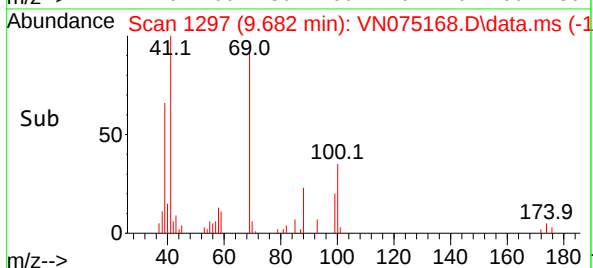
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

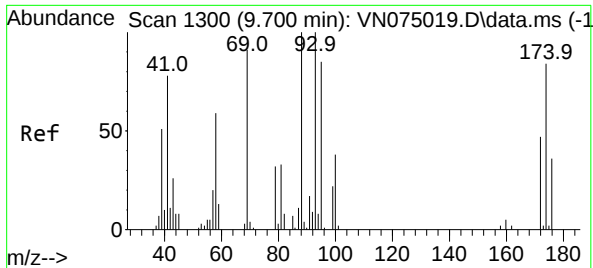


#48
Methyl methacrylate
Concen: 19.054 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32



Tgt Ion: 41 Resp: 24097
Ion Ratio Lower Upper
41 100
69 99.0 80.2 120.2
39 69.8 56.2 84.2





#49

1,4-Dioxane

Concen: 421.259 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

Tgt Ion: 88 Resp: 1395

Ion Ratio Lower Upper

88 100

43 18.1 17.5 26.3

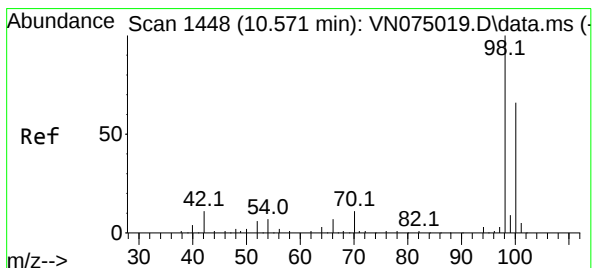
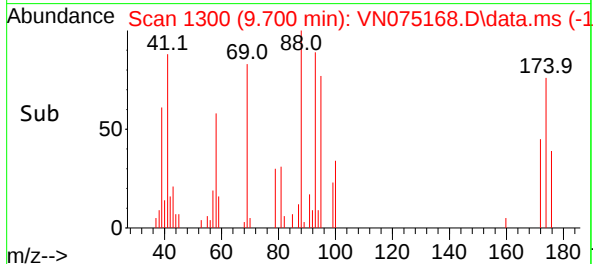
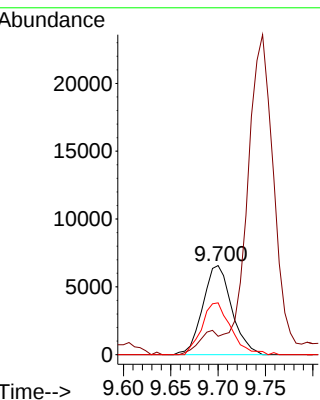
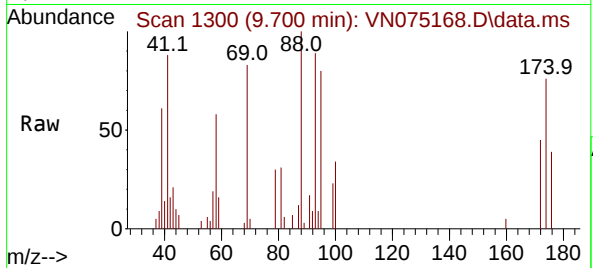
58 58.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#50

Toluene-d8

Concen: 50.159 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN075168.D

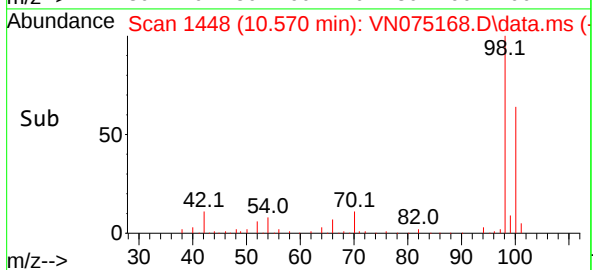
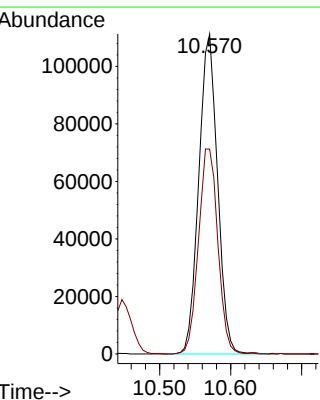
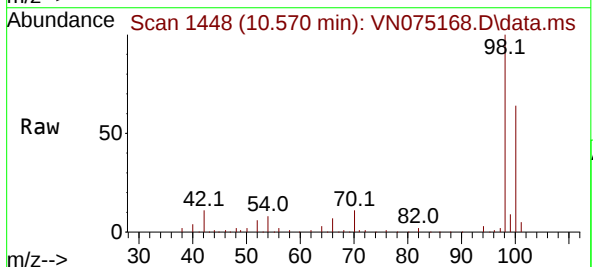
Acq: 04 Nov 2022 12:32

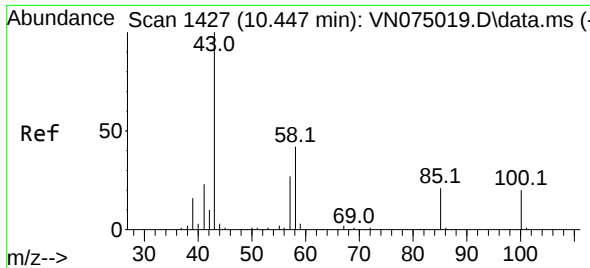
Tgt Ion: 98 Resp: 203723

Ion Ratio Lower Upper

98 100

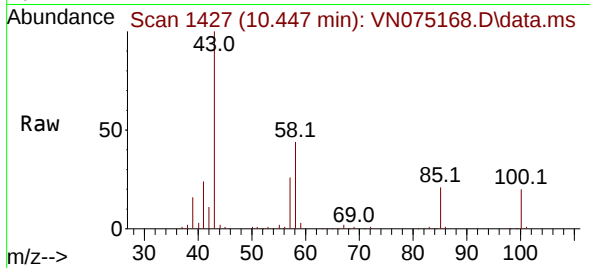
100 66.2 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 98.659 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

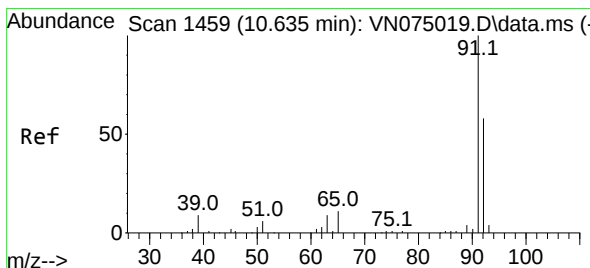
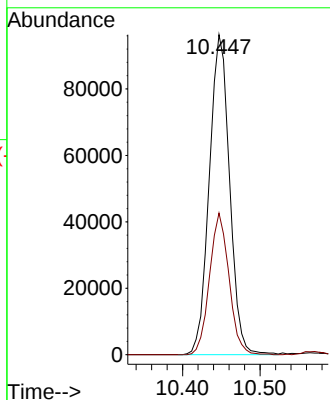
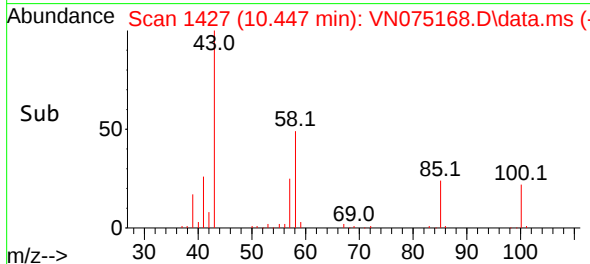
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



Tgt Ion: 43 Resp: 175520
Ion Ratio Lower Upper
43 100
58 42.4 33.6 50.4

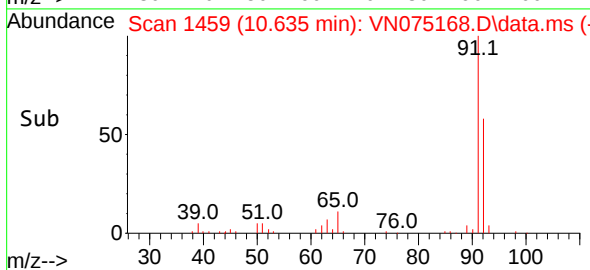
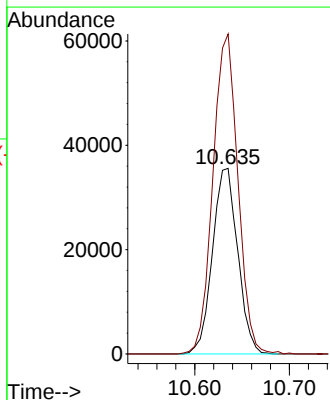
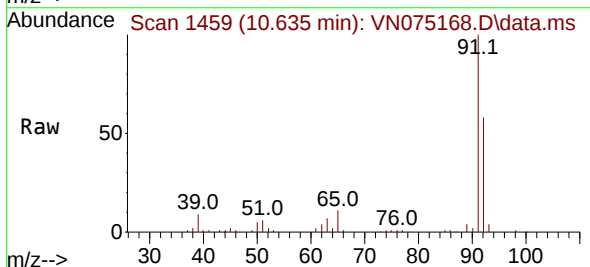
Manual Integrations
APPROVED

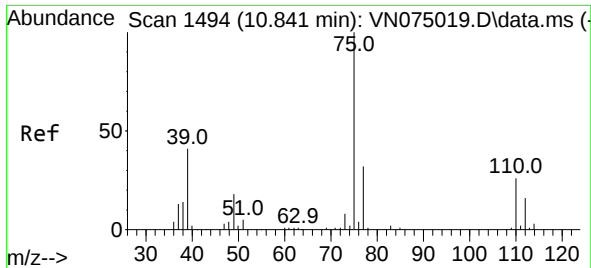
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#52
Toluene
Concen: 19.862 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

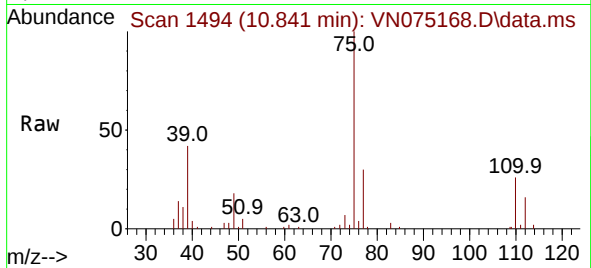
Tgt Ion: 92 Resp: 65888
Ion Ratio Lower Upper
92 100
91 170.7 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 18.965 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

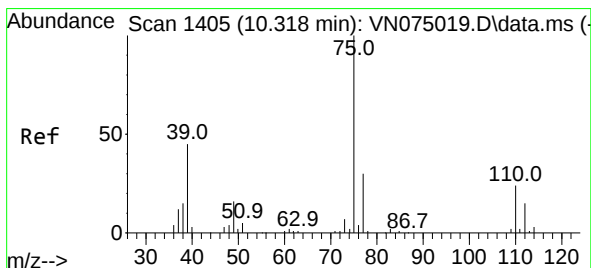
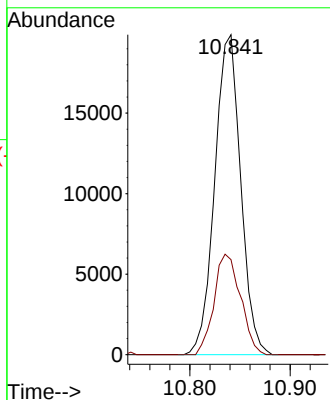
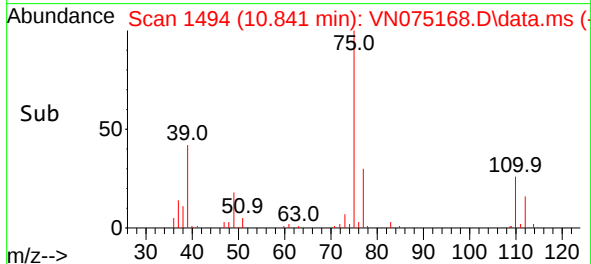
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



Tgt Ion: 75 Resp: 3566
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.2

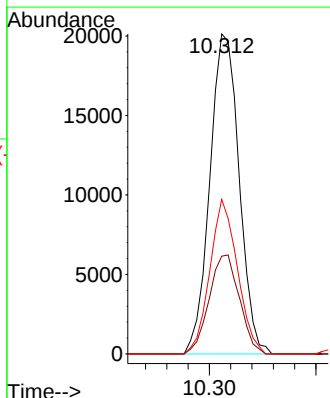
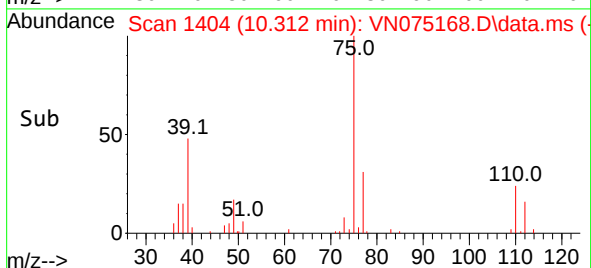
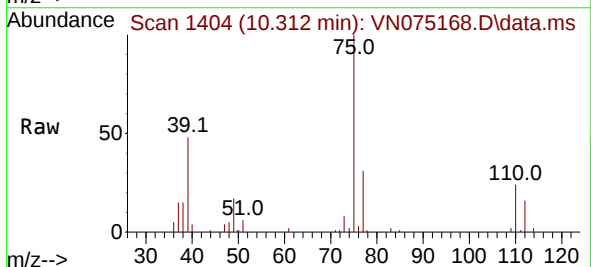
Manual Integrations
APPROVED

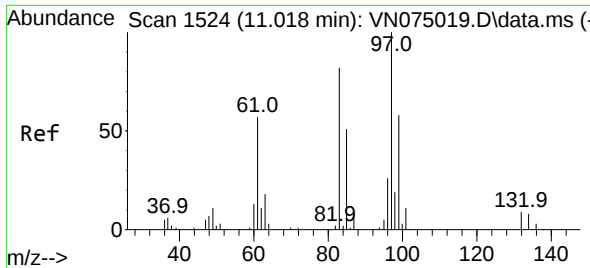
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#54
cis-1,3-Dichloropropene
Concen: 19.243 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

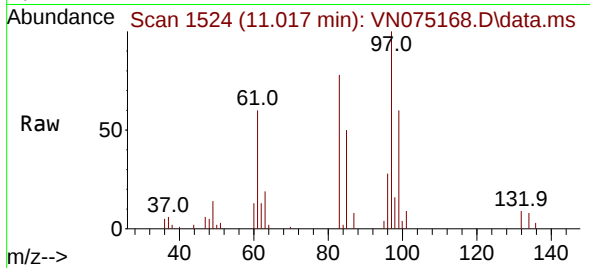
Tgt Ion: 75 Resp: 38385
Ion Ratio Lower Upper
75 100
77 30.6 23.7 35.5
39 48.3 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 20.547 ug/l
RT: 11.017 min Scan# 1524
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

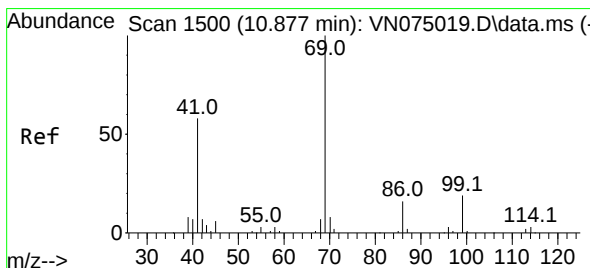
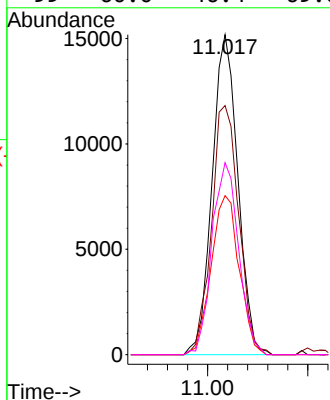
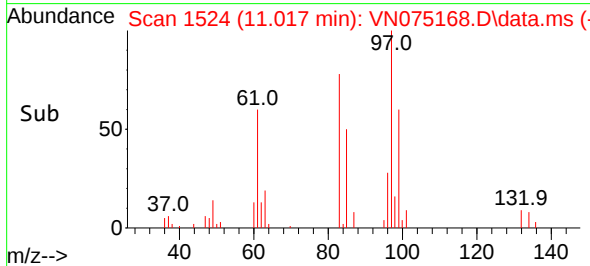
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.8	65.9	98.9
85	49.7	40.4	60.6
99	60.0	46.4	69.6

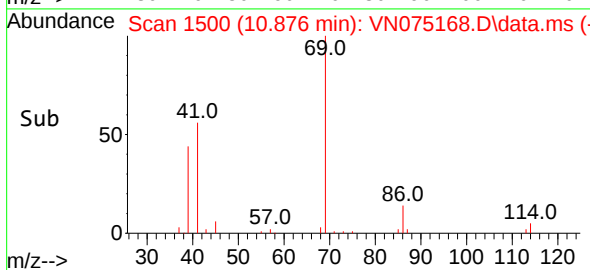
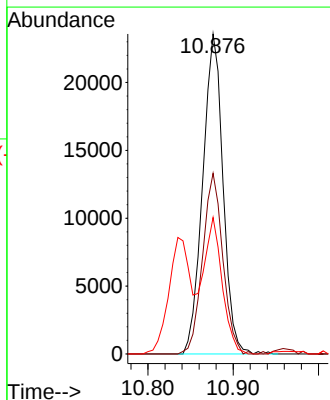
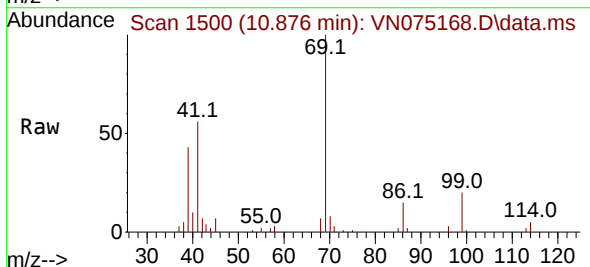
Manual Integrations
APPROVED

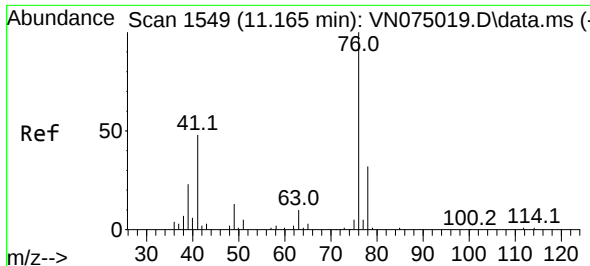
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#56
Ethyl methacrylate
Concen: 19.451 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

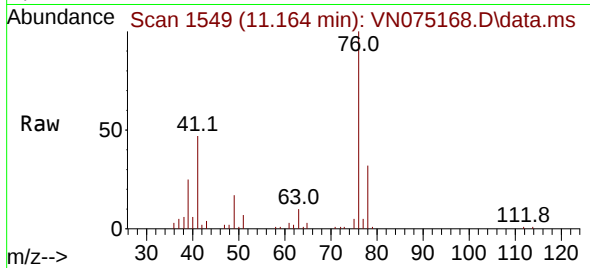
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.3	45.6	68.4
39	36.9	28.5	42.7





#57
1,3-Dichloropropane
Concen: 20.412 ug/l
RT: 11.164 min Scan# 1549
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

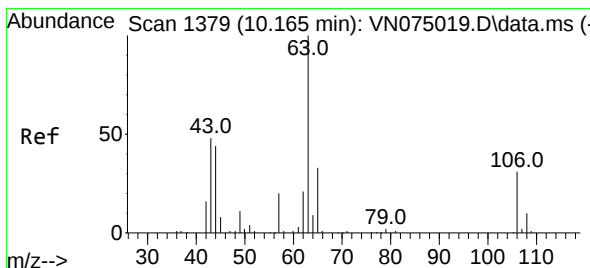
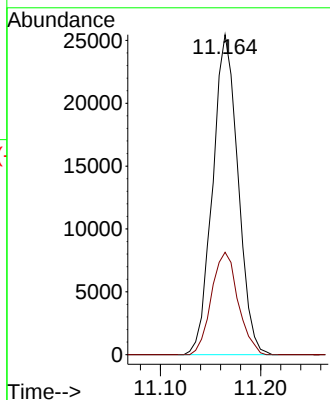
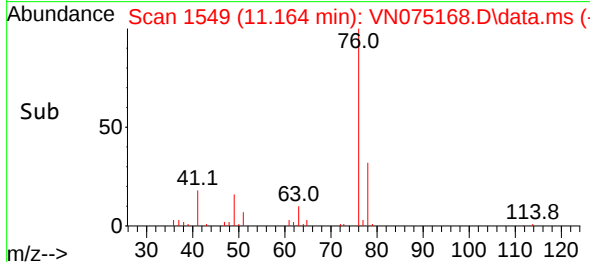
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



Tgt Ion: 76 Resp: 44712
Ion Ratio Lower Upper
76 100
78 33.6 25.8 38.6

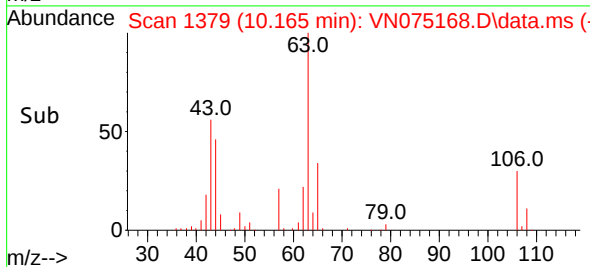
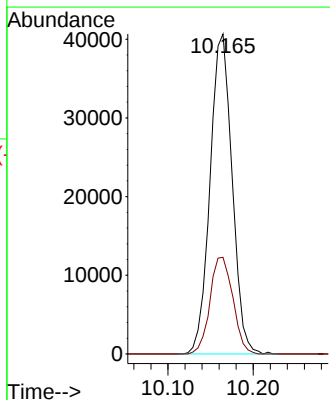
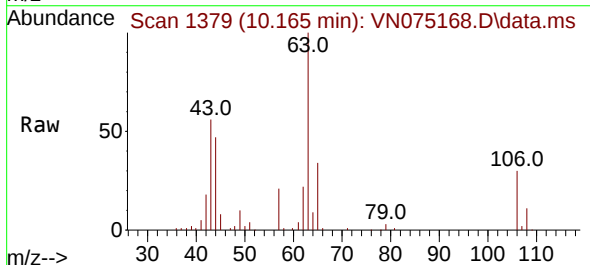
Manual Integrations
APPROVED

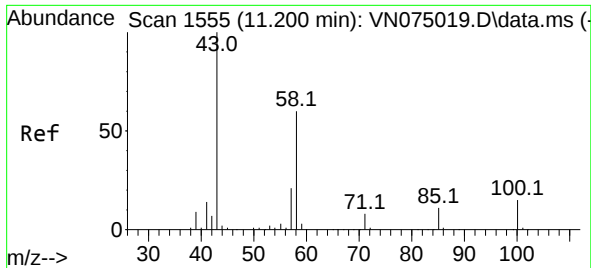
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#58
2-Chloroethyl Vinyl ether
Concen: 94.132 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

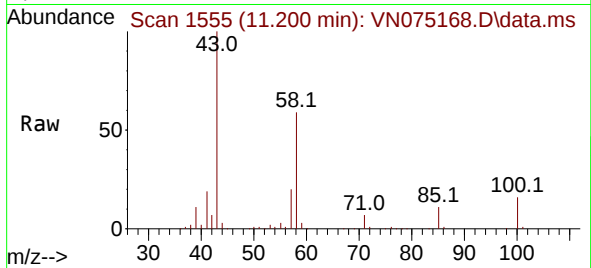
Tgt Ion: 63 Resp: 73014
Ion Ratio Lower Upper
63 100
106 31.4 24.8 37.2





#59
2-Hexanone
Concen: 95.853 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

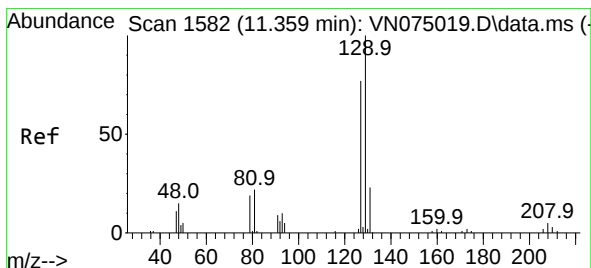
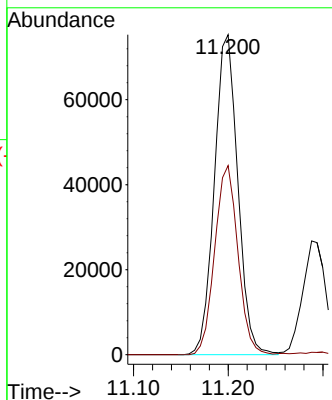
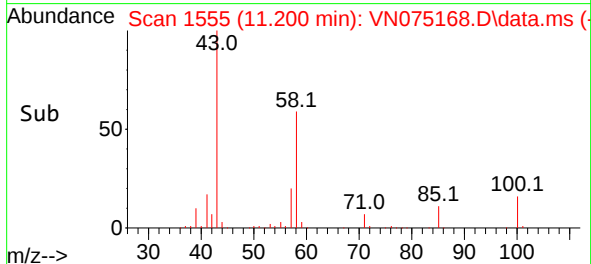
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



Tgt Ion: 43 Resp: 129430
Ion Ratio Lower Upper
43 100
58 58.6 29.6 88.8

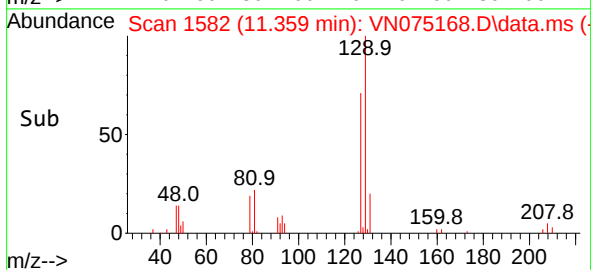
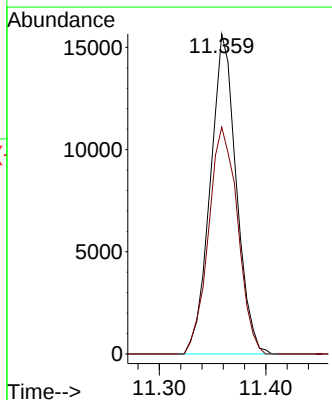
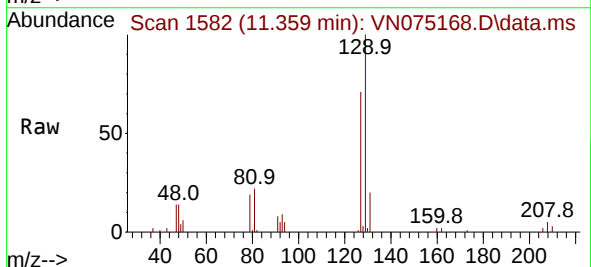
Manual Integrations
APPROVED

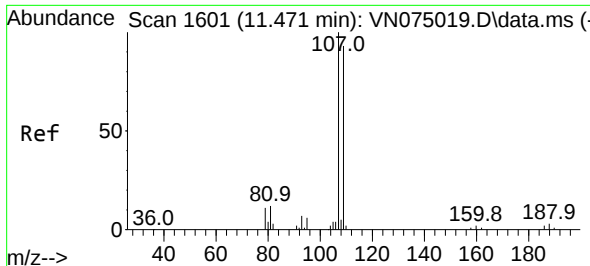
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#60
Dibromochloromethane
Concen: 19.147 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

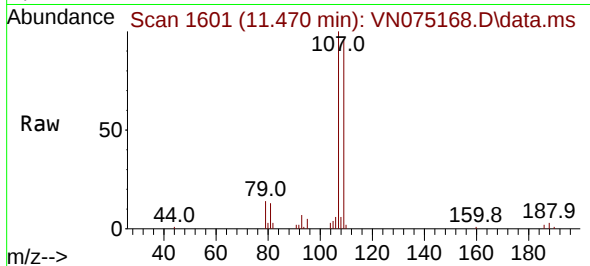
Tgt Ion:129 Resp: 26571
Ion Ratio Lower Upper
129 100
127 79.1 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.043 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

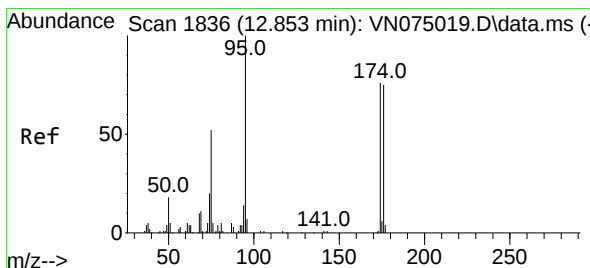
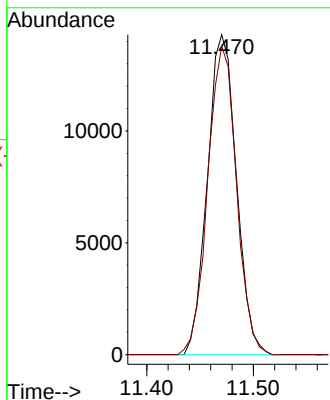
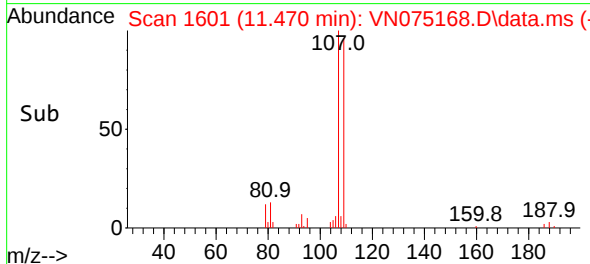
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



Tgt Ion:107 Resp: 2701
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4

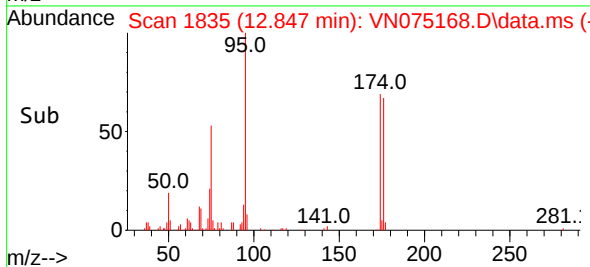
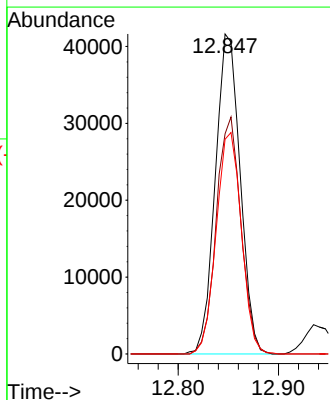
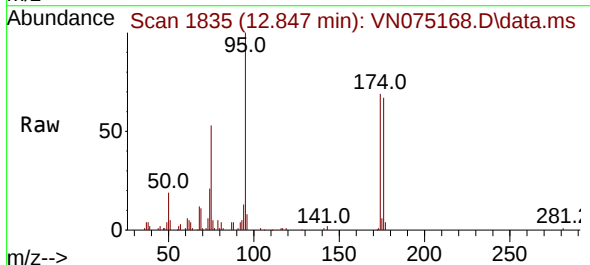
Manual Integrations
APPROVED

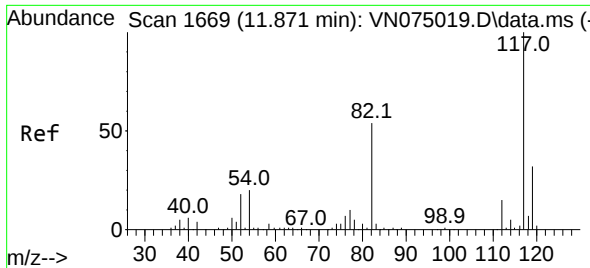
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#62
4-Bromofluorobenzene
Concen: 50.133 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion: 95 Resp: 71528
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.4
176 70.1 0.0 142.2





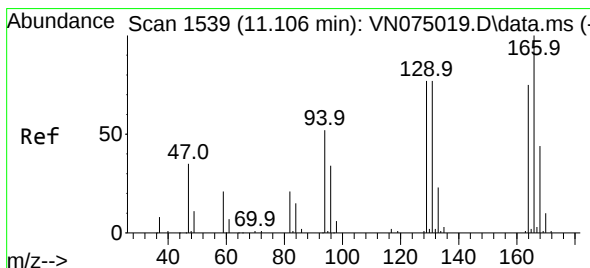
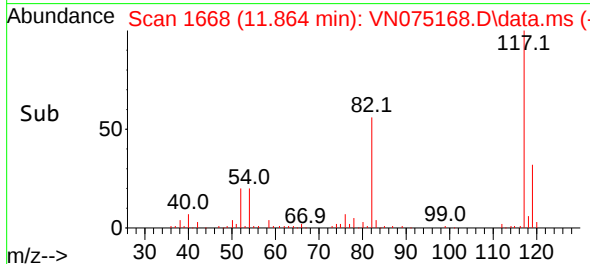
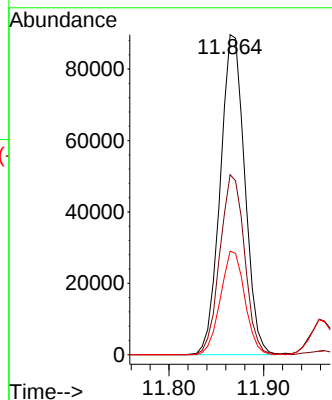
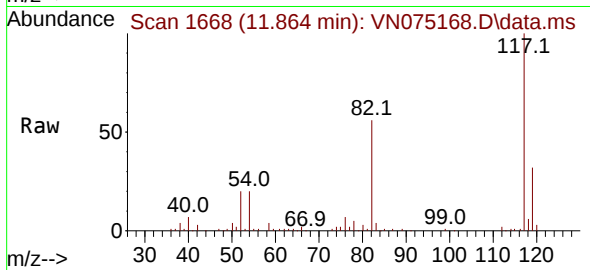
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1669
Delta R.T. -0.007 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion:117 Resp: 16119
Ion Ratio Lower Upper
117 100
82 56.3 43.1 64.7
119 32.4 25.5 38.3

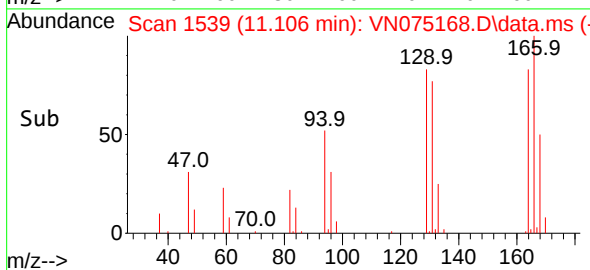
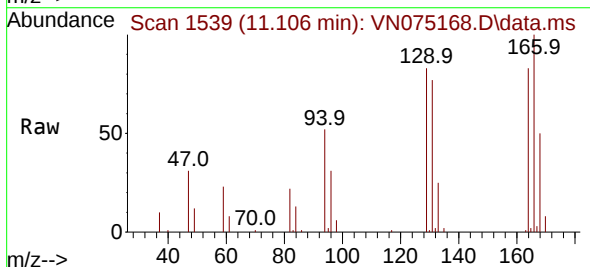
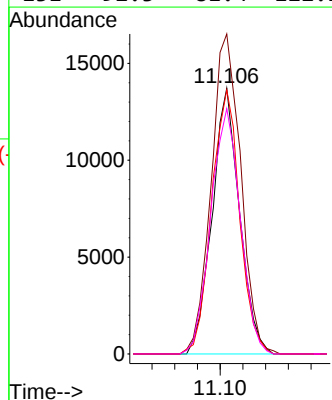
Manual Integrations
APPROVED

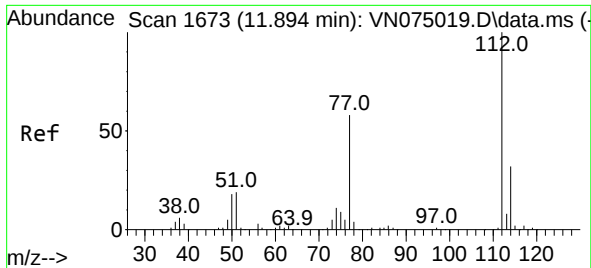
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#64
Tetrachloroethene
Concen: 23.262 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion:164 Resp: 22989
Ion Ratio Lower Upper
164 100
166 120.4 106.5 159.7
129 99.4 81.9 122.9
131 92.3 81.4 122.2





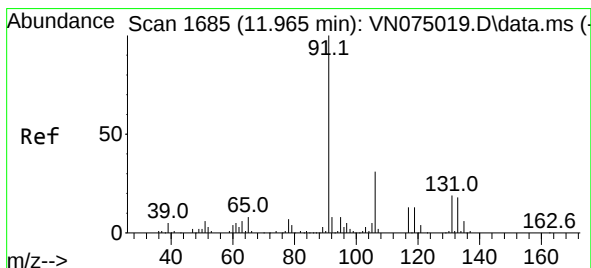
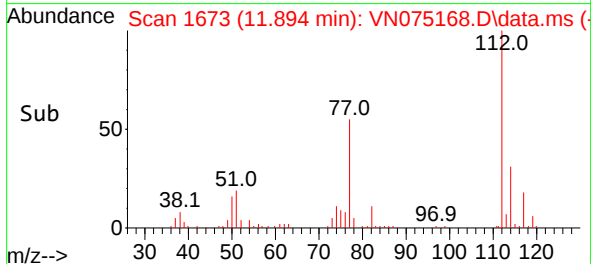
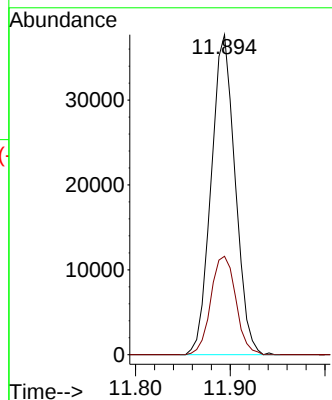
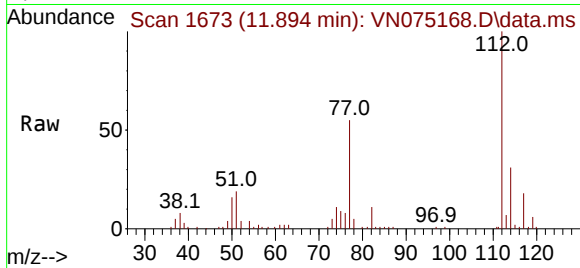
#65
Chlorobenzene
Concen: 19.235 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion:112 Resp: 6618
Ion Ratio Lower Upper
112 100
114 30.7 25.4 38.2

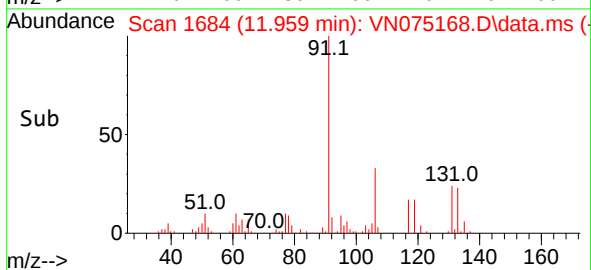
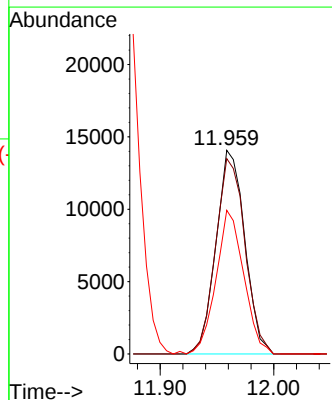
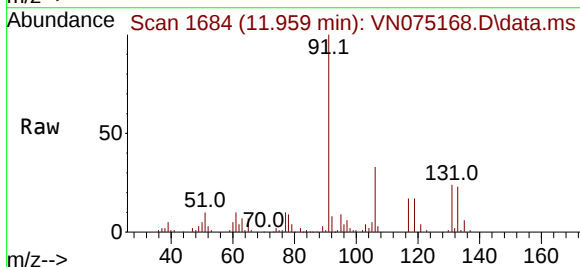
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.394 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

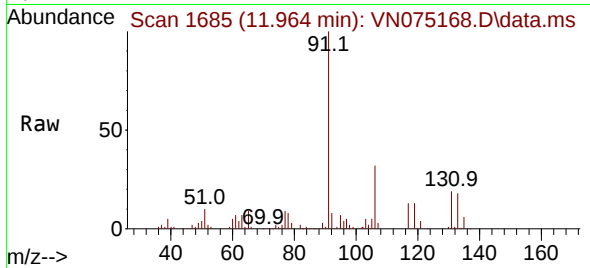
Tgt Ion:131 Resp: 24754
Ion Ratio Lower Upper
131 100
133 98.4 47.8 143.4
119 68.0 33.0 99.0





#67
Ethyl Benzene
Concen: 19.329 ug/l
RT: 11.964 min Scan# 11965
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

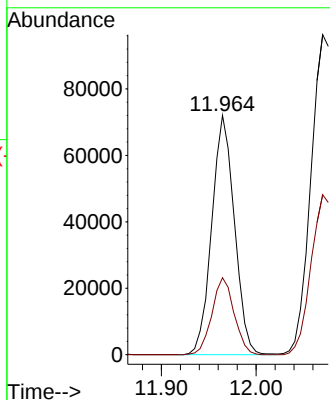
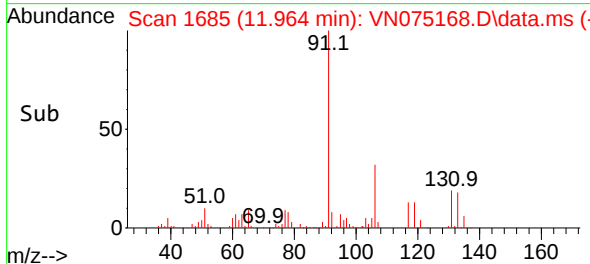
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



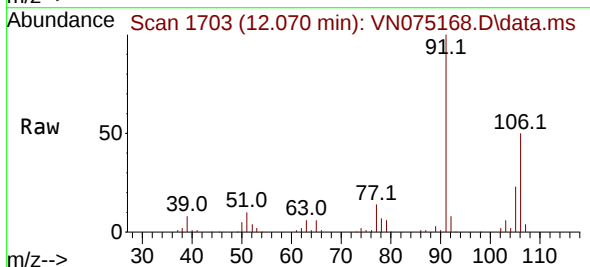
Tgt Ion: 91 Resp: 119652
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

Manual Integrations
APPROVED

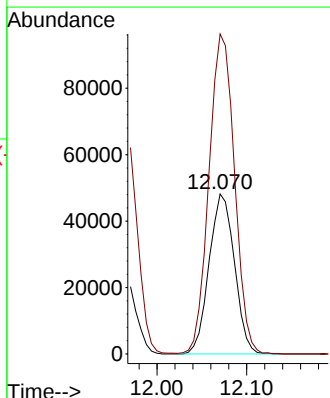
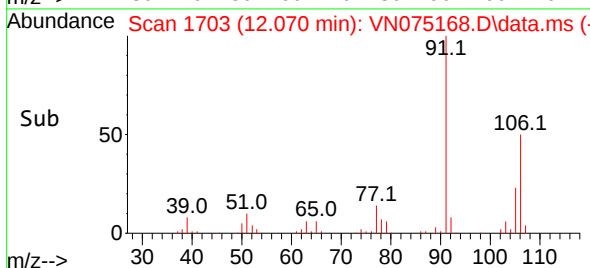
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

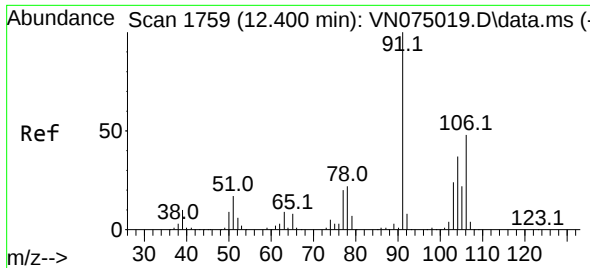


#68
m/p-Xylenes
Concen: 38.032 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32



Tgt Ion:106 Resp: 94465
Ion Ratio Lower Upper
106 100
91 201.9 156.0 234.0





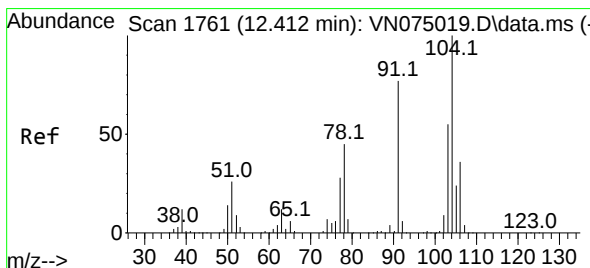
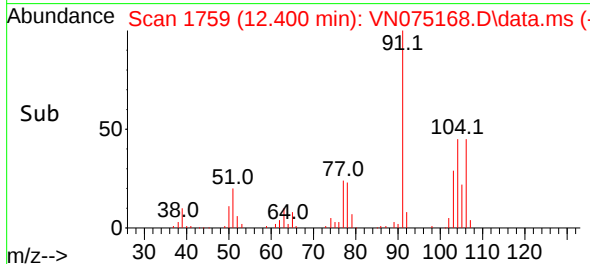
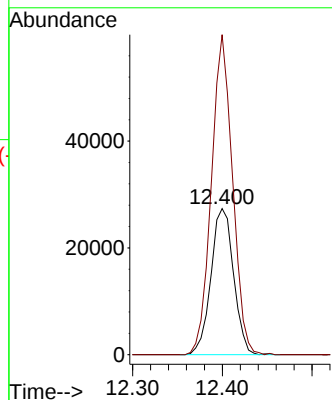
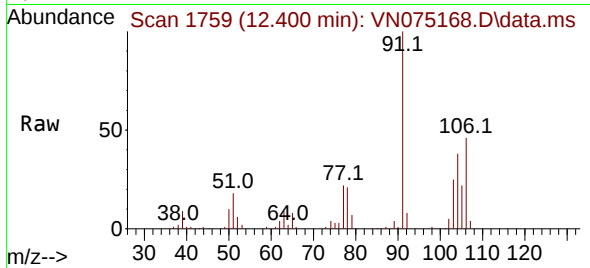
#69
o-Xylene
Concen: 19.534 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion:106 Resp: 4798
Ion Ratio Lower Upper
106 100
91 204.6 105.2 315.5

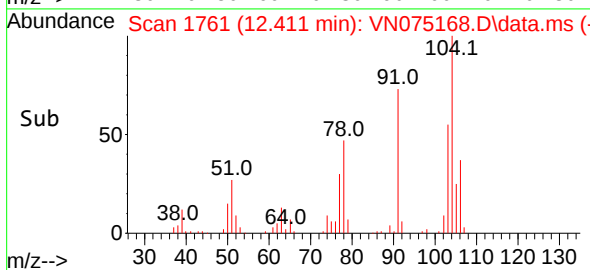
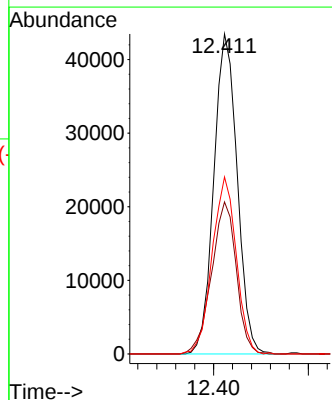
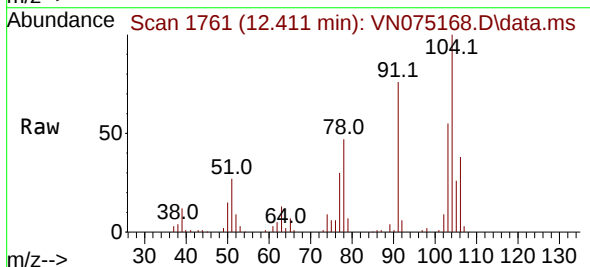
Manual Integrations
APPROVED

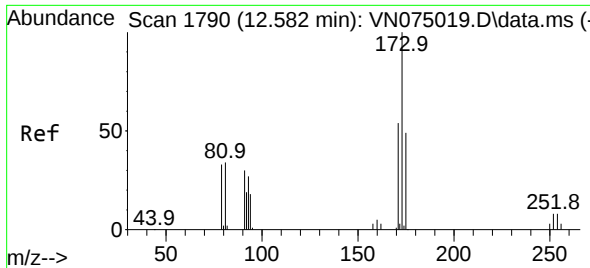
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#70
Styrene
Concen: 19.005 ug/l
RT: 12.411 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

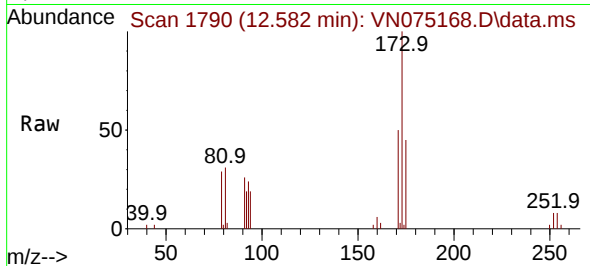
Tgt Ion:104 Resp: 74439
Ion Ratio Lower Upper
104 100
78 50.0 38.1 57.1
103 57.1 44.6 66.8





#71
Bromoform
Concen: 18.556 ug/l
RT: 12.582 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

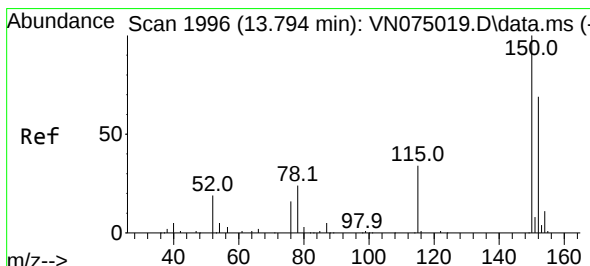
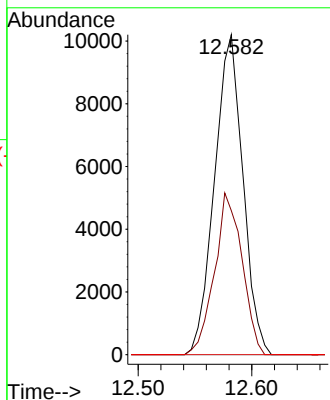
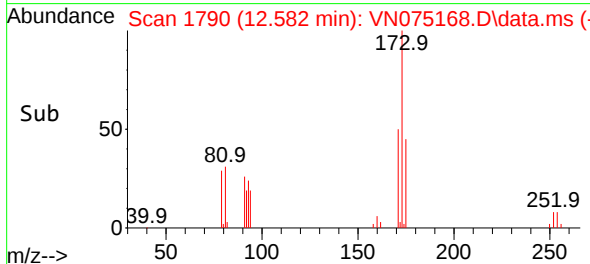
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



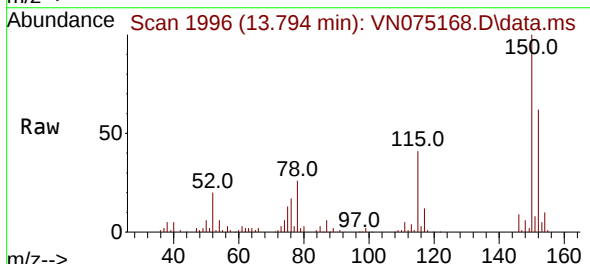
Tgt Ion:173 Resp: 1773
Ion Ratio Lower Upper
173 100
175 49.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

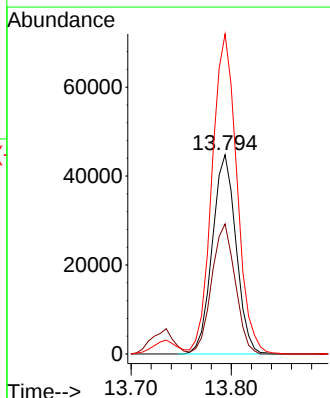
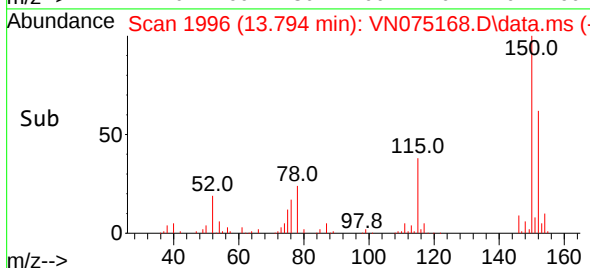
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

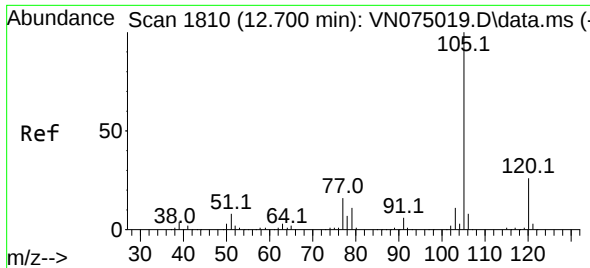


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32



Tgt Ion:152 Resp: 73589
Ion Ratio Lower Upper
152 100
115 64.7 30.2 90.6
150 168.3 0.0 348.4





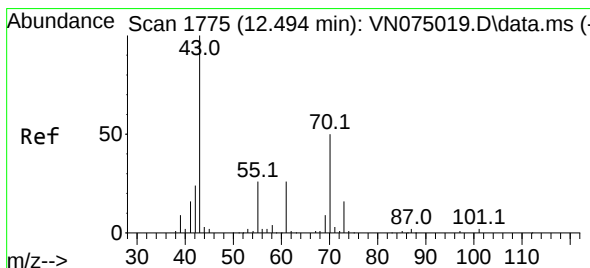
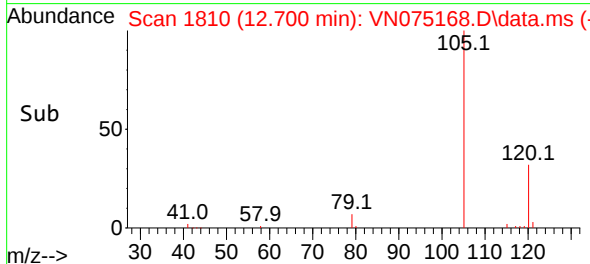
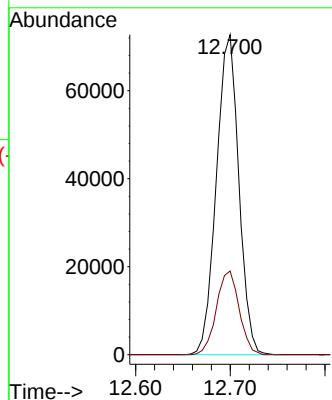
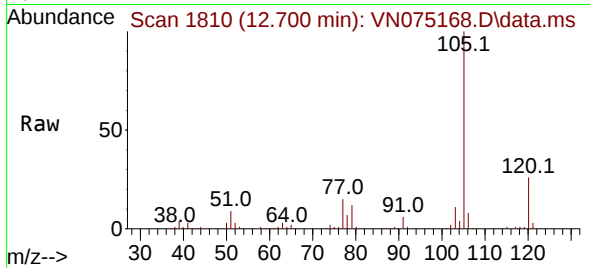
#73
Isopropylbenzene
Concen: 20.234 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion:105 Resp: 11954
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

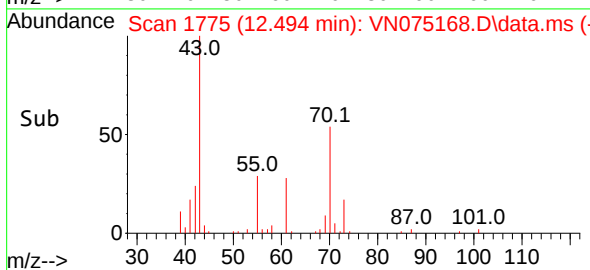
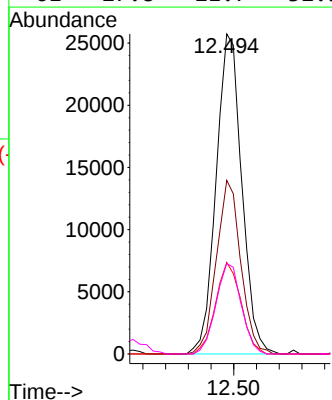
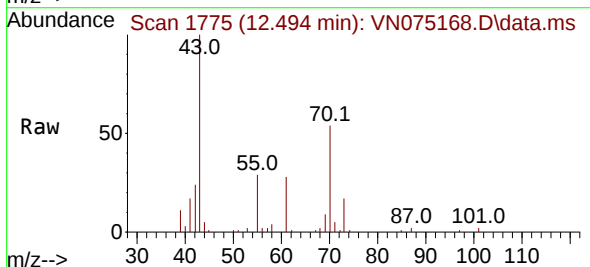
Manual Integrations
APPROVED

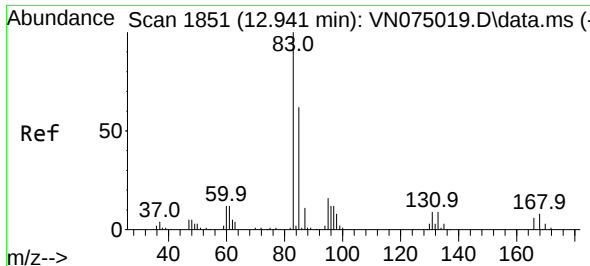
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#74
N-ethyl acetate
Concen: 18.480 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

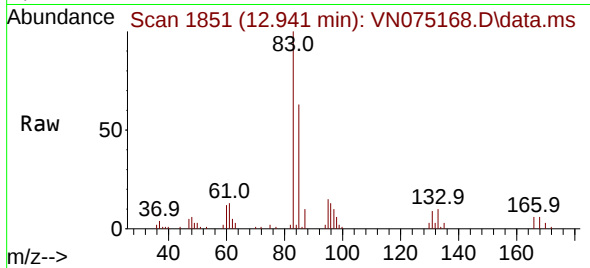
Tgt Ion: 43 Resp: 40379
Ion Ratio Lower Upper
43 100
70 51.7 39.8 59.8
55 28.3 19.9 29.9
61 27.8 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 21.089 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

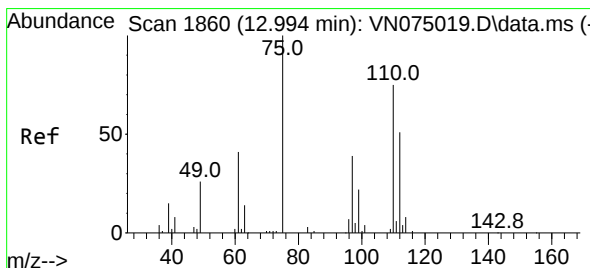
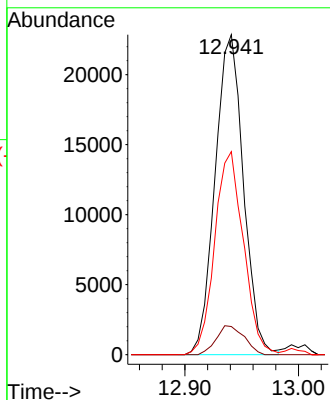
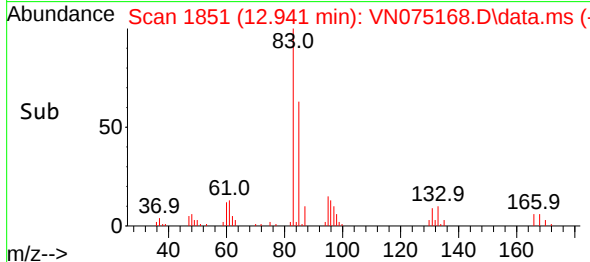
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



Tgt Ion: 83 Resp: 39704
Ion Ratio Lower Upper
83 100
131 8.9 5.1 15.3
85 64.3 31.6 94.7

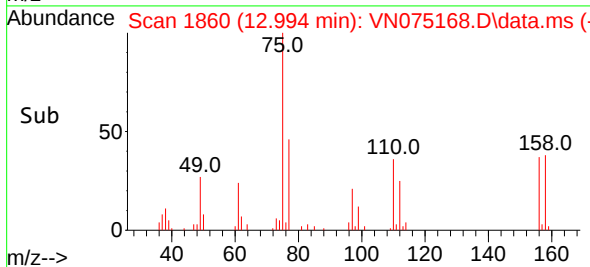
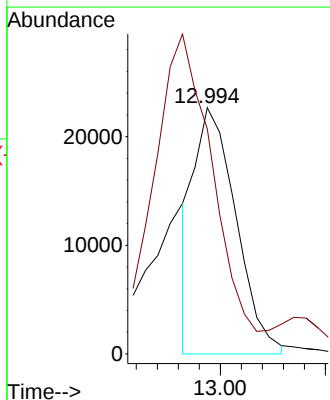
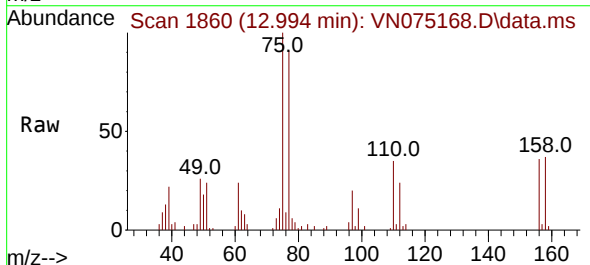
Manual Integrations
APPROVED

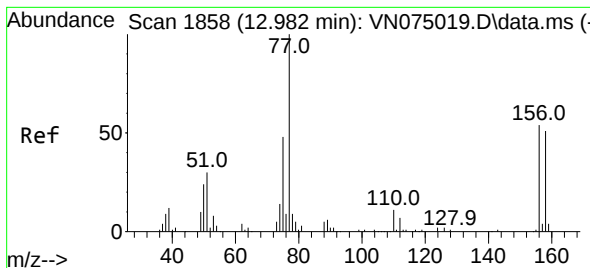
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#76
1,2,3-Trichloropropane
Concen: 20.145 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion: 75 Resp: 31476
Ion Ratio Lower Upper
75 100
77 188.3 75.6 226.8





#77

Bromobenzene

Concen: 20.570 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

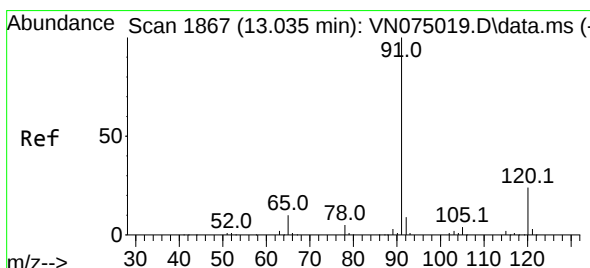
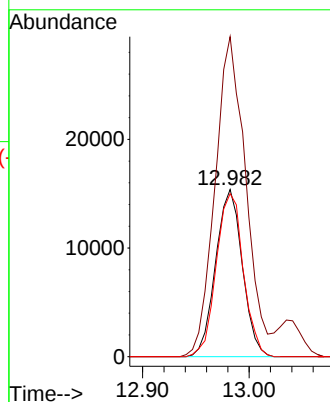
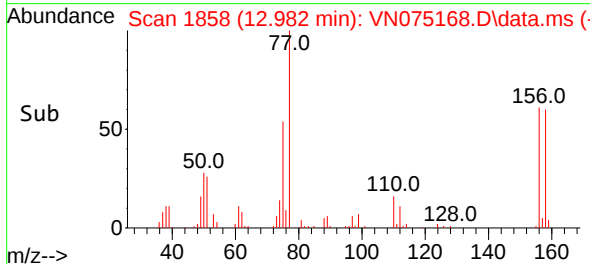
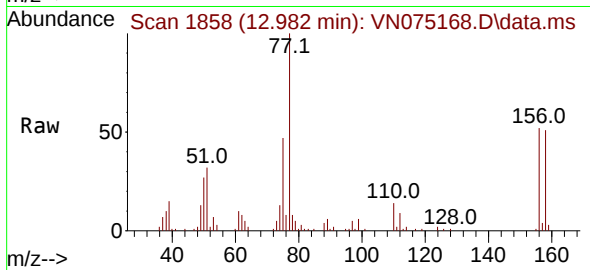
Tgt Ion:156 Resp: 26758
 Ion Ratio Lower Upper
 156 100
 77 221.5 108.5 325.5
 158 98.9 47.7 143.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#78

n-propylbenzene

Concen: 20.636 ug/l

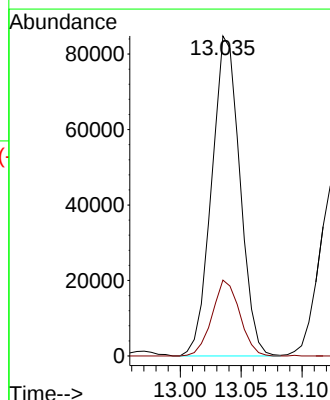
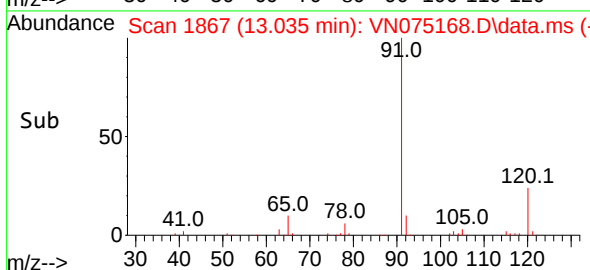
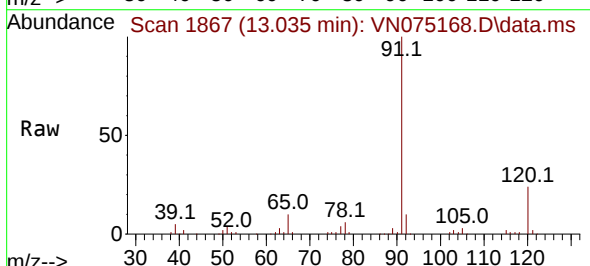
RT: 13.035 min Scan# 1867

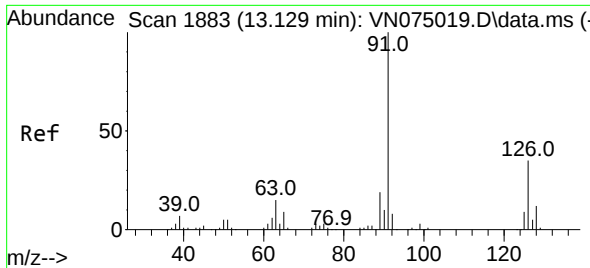
Delta R.T. -0.000 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

Tgt Ion: 91 Resp: 136880
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.9 35.5





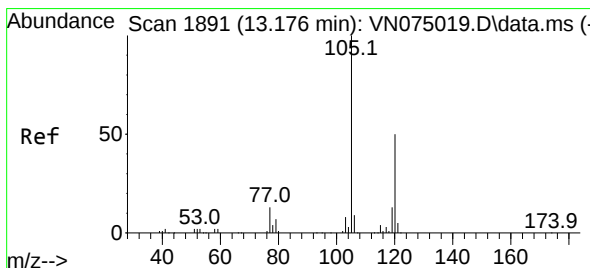
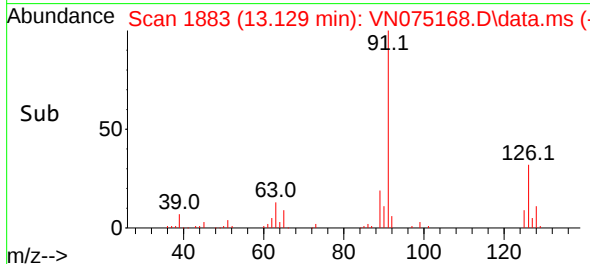
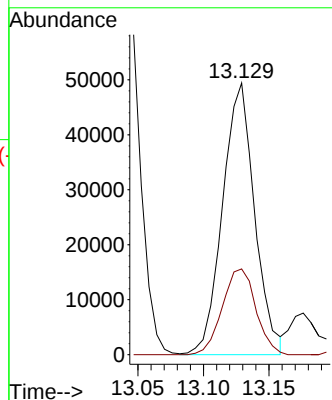
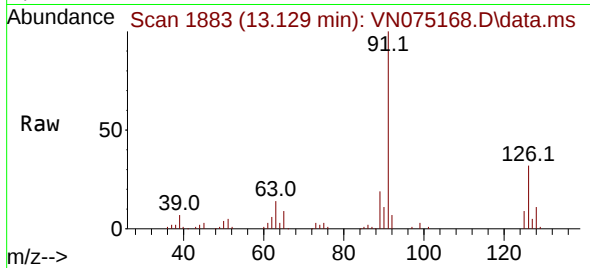
#79
2-Chlorotoluene
Concen: 20.739 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion: 91 Resp: 84060
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7

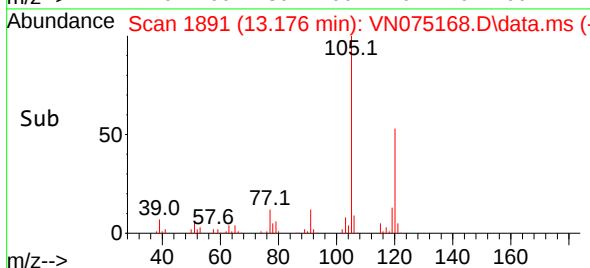
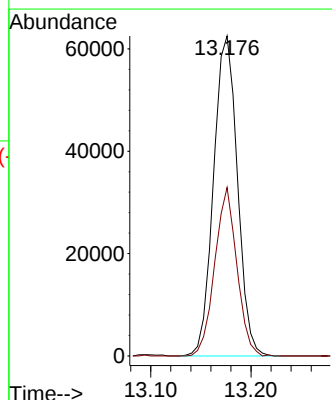
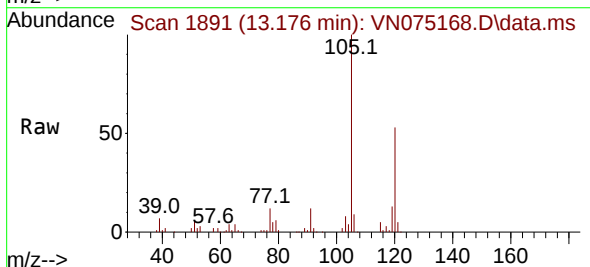
Manual Integrations
APPROVED

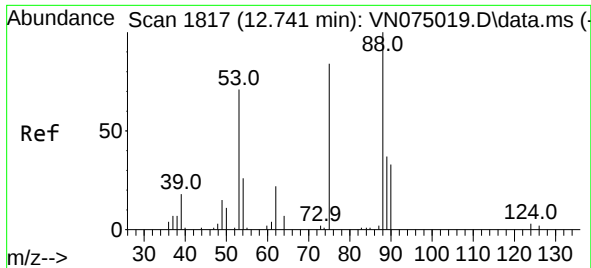
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.823 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion:105 Resp: 103326
Ion Ratio Lower Upper
105 100
120 48.7 24.7 74.1





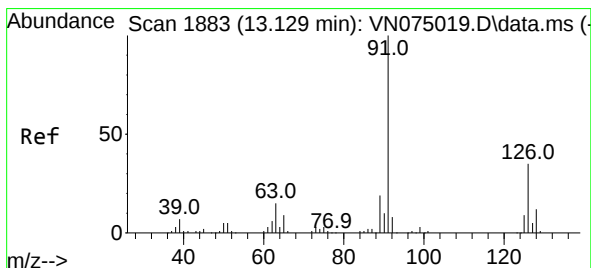
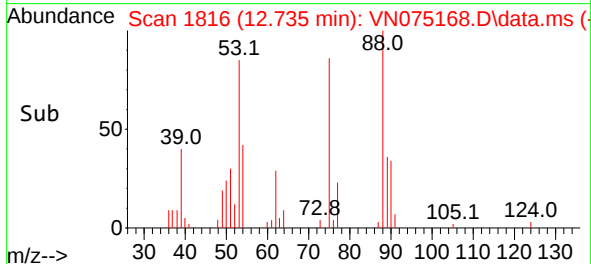
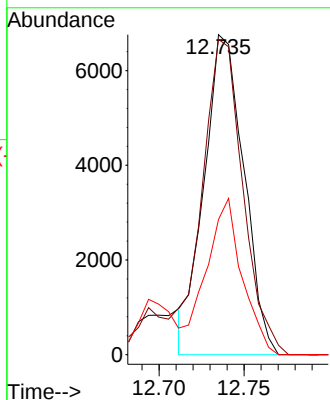
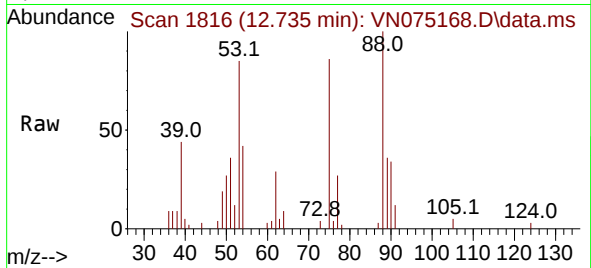
#81
trans-1,4-Dichloro-2-butene
Concen: 18.083 ug/l m
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion: 75 Resp: 1100
Ion Ratio Lower Upper
75 100
53 113.1 78.5 117.7
89 44.5 37.7 56.5

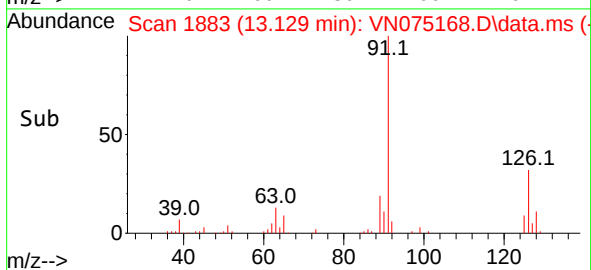
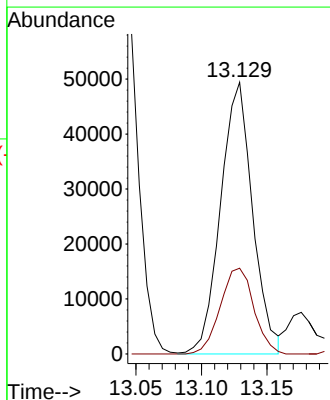
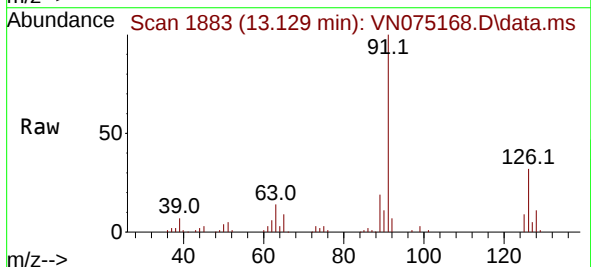
Manual Integrations
APPROVED

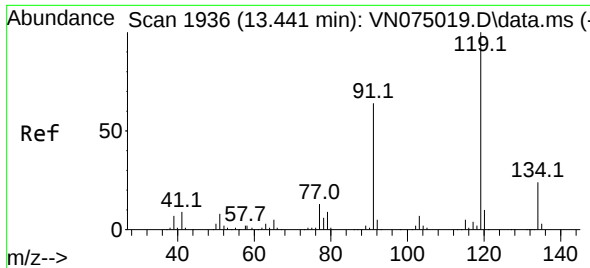
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#82
4-Chlorotoluene
Concen: 20.739 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

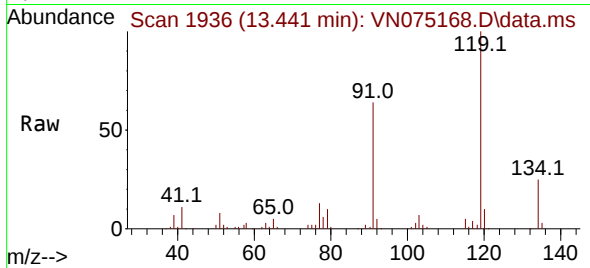
Tgt Ion: 91 Resp: 84060
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7





#83
tert-Butylbenzene
Concen: 20.240 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

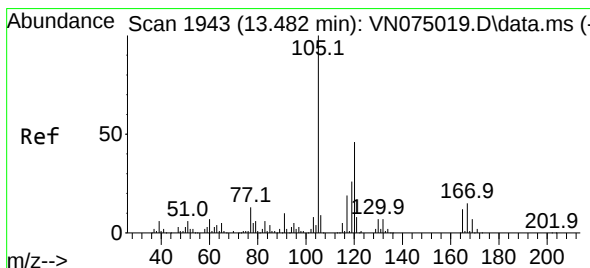
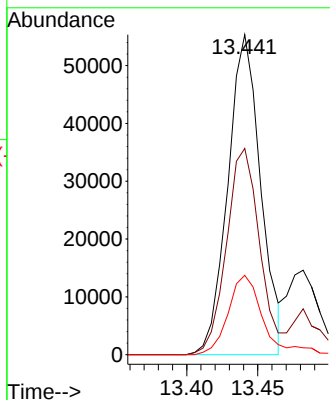
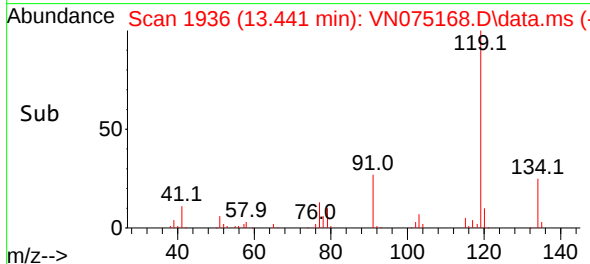
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



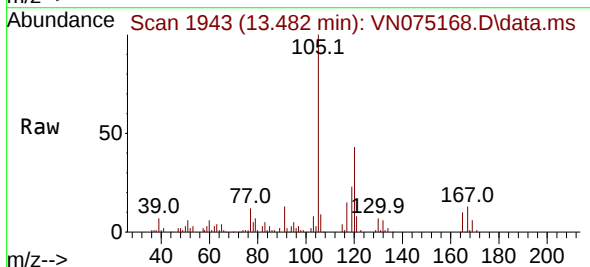
Tgt Ion:119 Resp: 8924
Ion Ratio Lower Upper
119 100
91 66.0 32.8 98.4
134 26.4 12.3 36.9

Manual Integrations
APPROVED

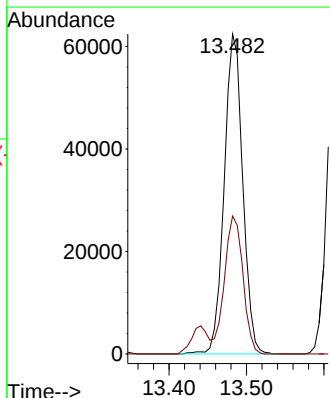
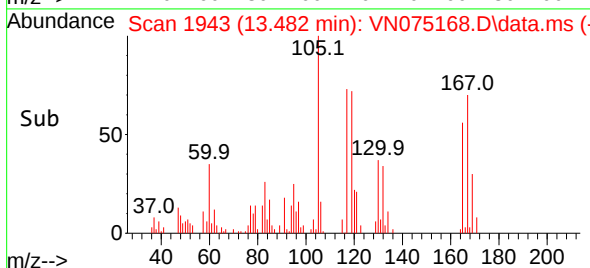
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

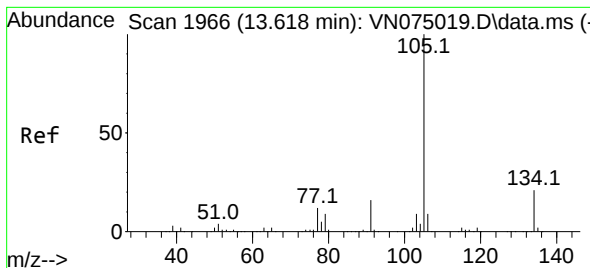


#84
1,2,4-Trimethylbenzene
Concen: 20.640 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32



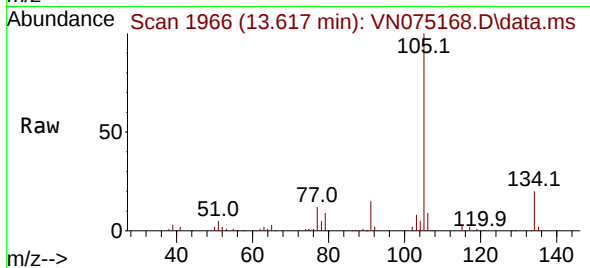
Tgt Ion:105 Resp: 103623
Ion Ratio Lower Upper
105 100
120 43.5 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 20.603 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075168.D
 Acq: 04 Nov 2022 12:32

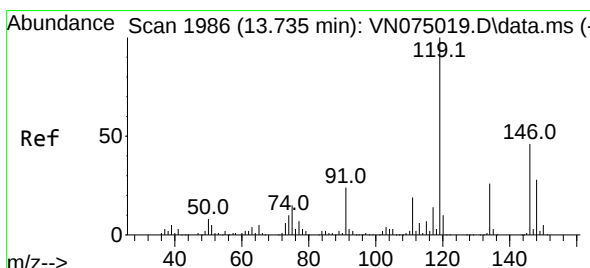
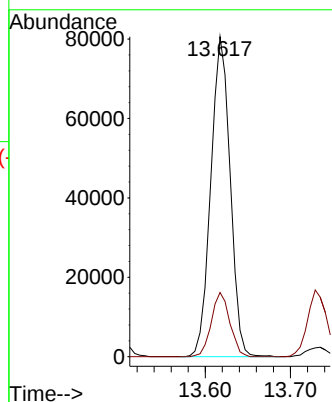
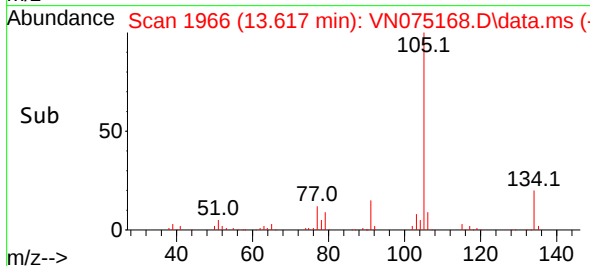
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01



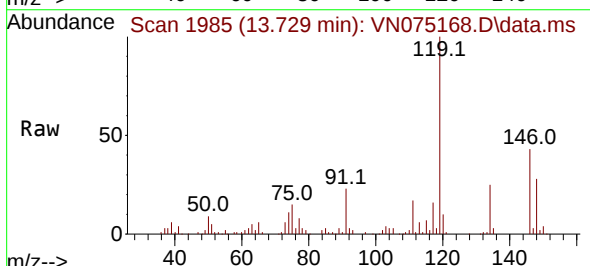
Tgt Ion:105 Resp: 127080
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.6

Manual Integrations
 APPROVED

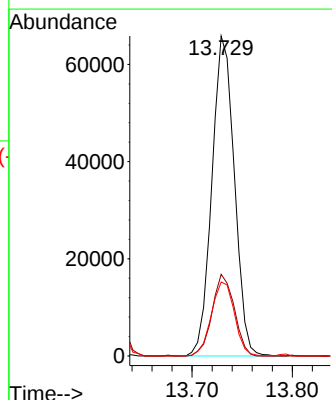
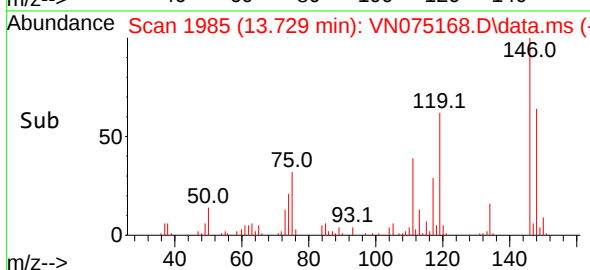
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

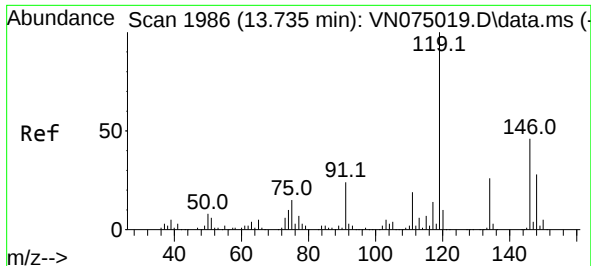


#86
 p-Isopropyltoluene
 Concen: 20.122 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075168.D
 Acq: 04 Nov 2022 12:32



Tgt Ion:119 Resp: 102503
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.1 39.3
 91 23.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.031 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

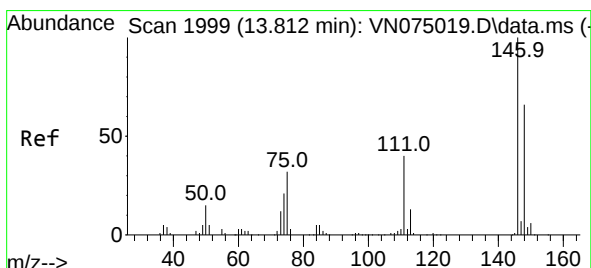
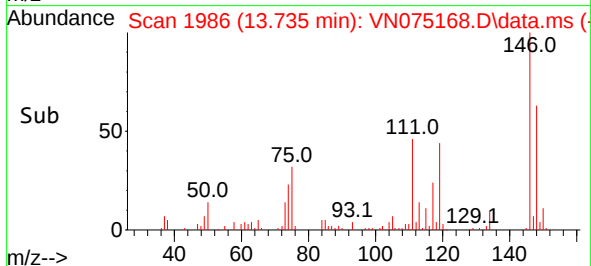
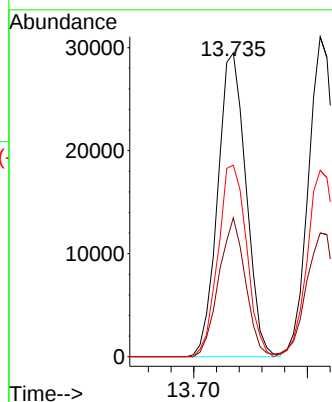
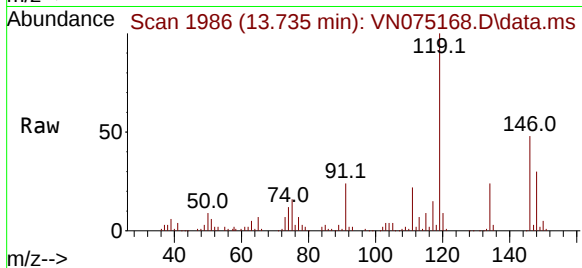
Tgt Ion:146 Resp: 51018
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.8 62.5
 148 63.5 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#88

1,4-Dichlorobenzene

Concen: 20.270 ug/l

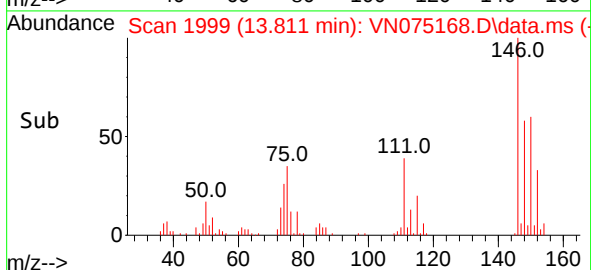
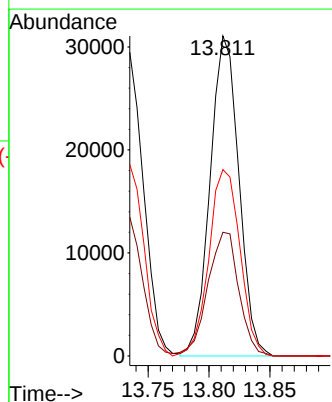
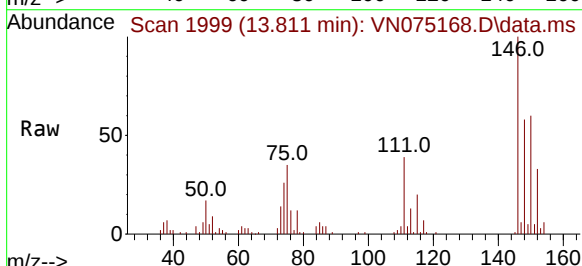
RT: 13.811 min Scan# 1999

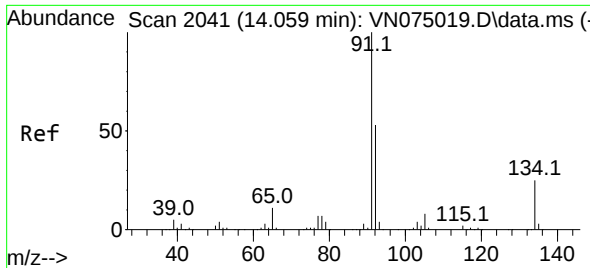
Delta R.T. -0.001 min

Lab File: VN075168.D

Acq: 04 Nov 2022 12:32

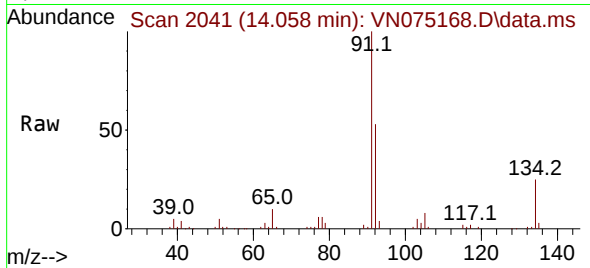
Tgt Ion:146 Resp: 51093
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.1 60.3
 148 63.0 31.9 95.7





#89
n-Butylbenzene
Concen: 20.358 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

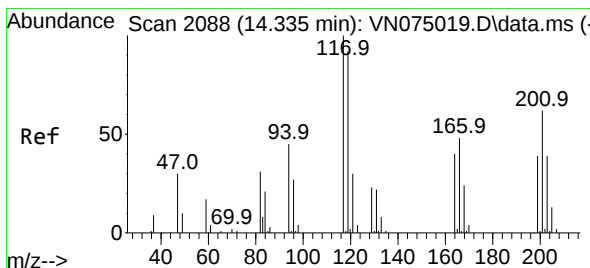
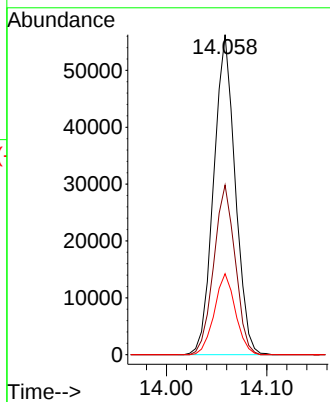
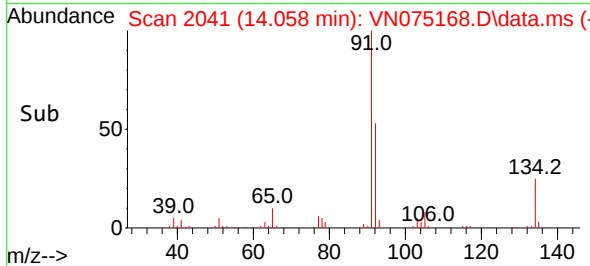
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



Tgt Ion: 91 Resp: 83510
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 24.8 13.0 39.0

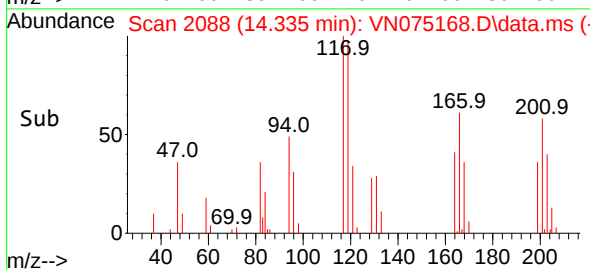
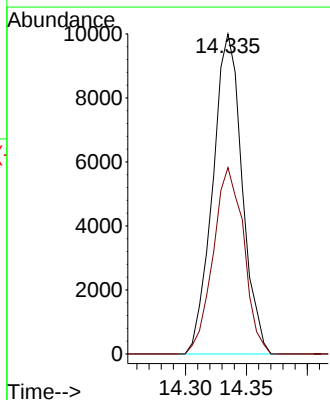
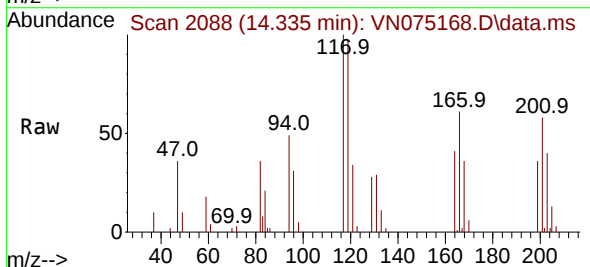
Manual Integrations
APPROVED

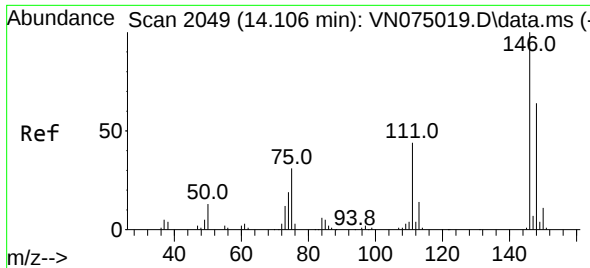
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#90
Hexachloroethane
Concen: 18.027 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

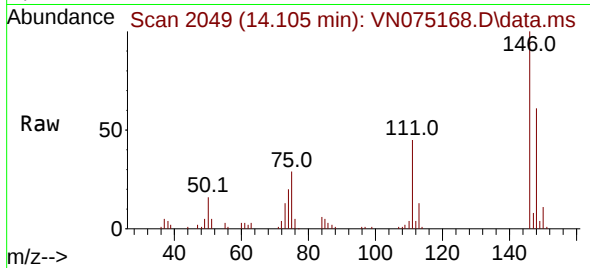
Tgt Ion:117 Resp: 16837
Ion Ratio Lower Upper
117 100
201 60.5 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 20.502 ug/l
RT: 14.105 min Scan# 2049
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

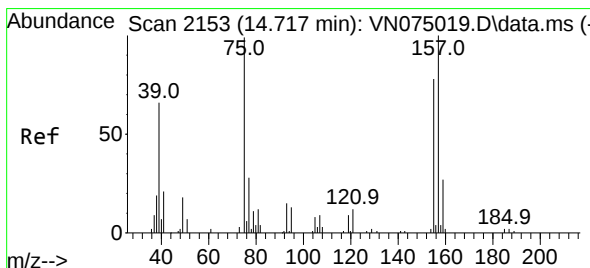
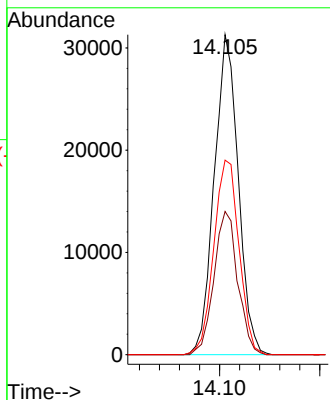
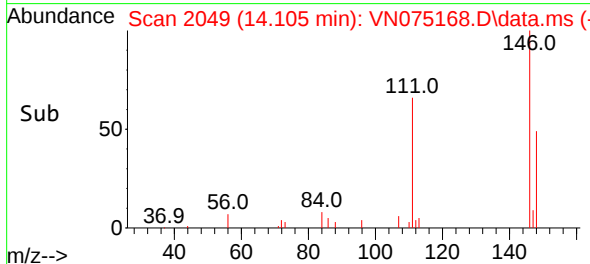
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



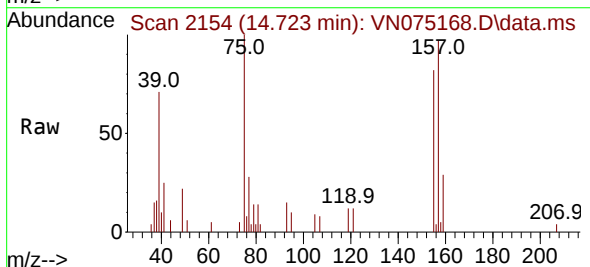
Tgt Ion:146 Resp: 51912
Ion Ratio Lower Upper
146 100
111 44.4 21.3 63.9
148 64.0 31.4 94.2

Manual Integrations
APPROVED

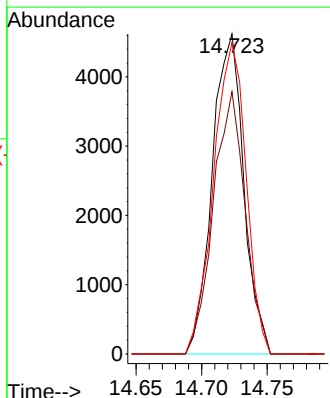
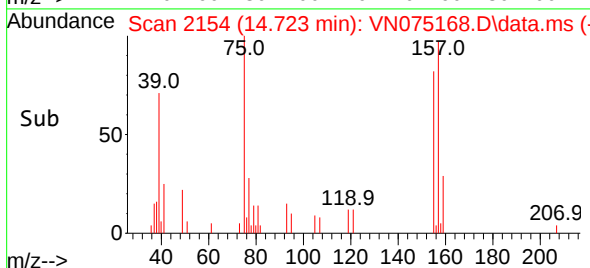
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

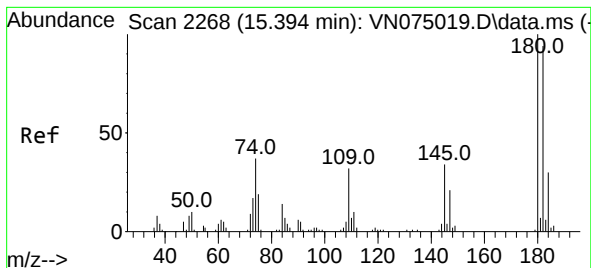


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.340 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32



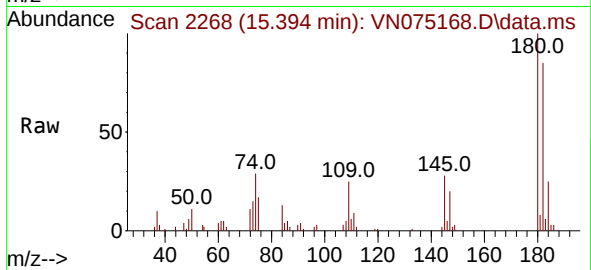
Tgt Ion: 75 Resp: 7707
Ion Ratio Lower Upper
75 100
155 82.9 42.1 126.3
157 100.7 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 20.448 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

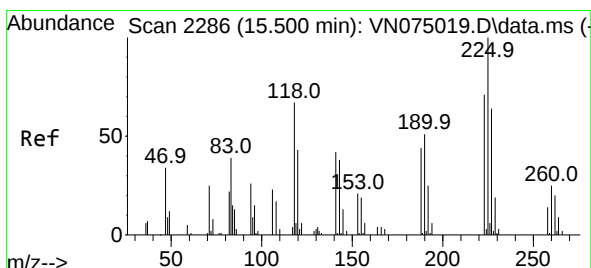
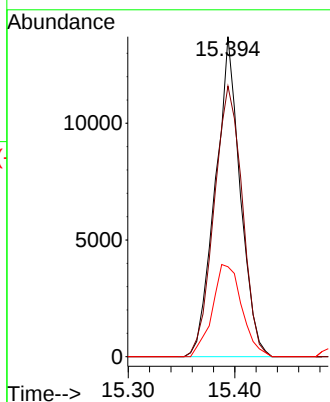
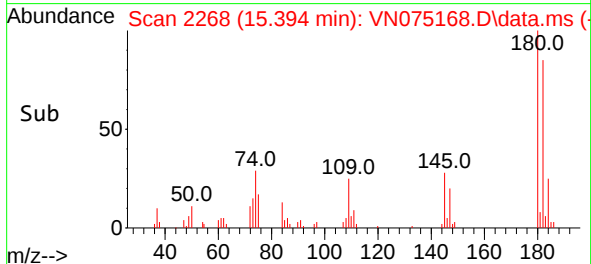
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01



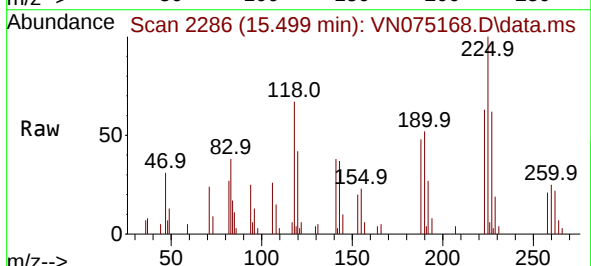
Tgt Ion:180 Resp: 22280
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.4
145 34.0 16.8 50.3

Manual Integrations
APPROVED

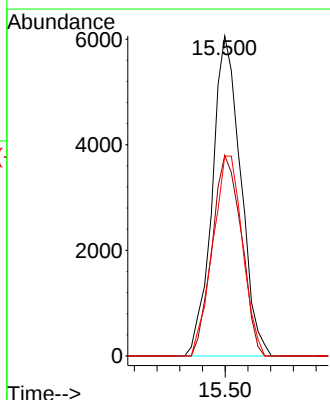
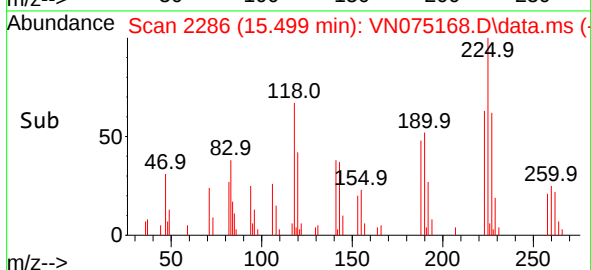
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

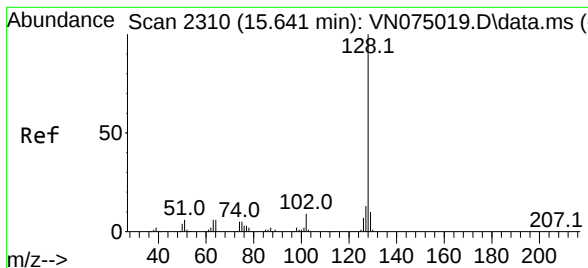


#94
Hexachlorobutadiene
Concen: 19.828 ug/l
RT: 15.499 min Scan# 2286
Delta R.T. -0.001 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32



Tgt Ion:225 Resp: 10532
Ion Ratio Lower Upper
225 100
223 64.7 32.3 96.9
227 65.4 32.0 96.2





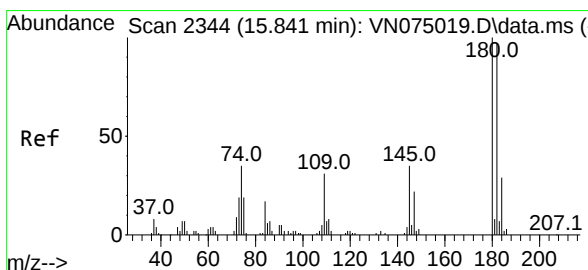
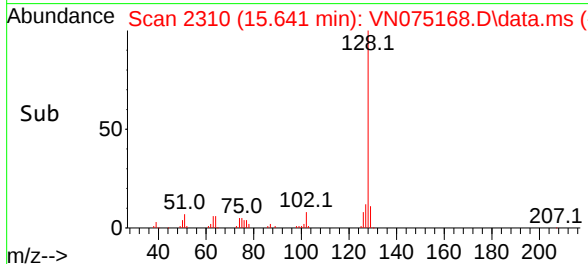
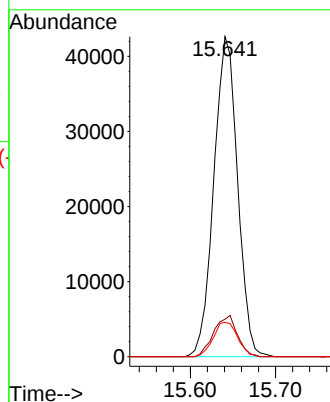
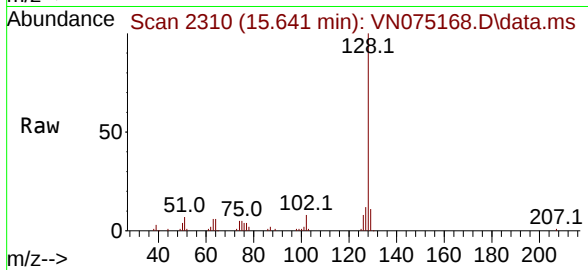
#95
Naphthalene
Concen: 19.668 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tgt Ion:128 Resp: 8241
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.729 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075168.D
Acq: 04 Nov 2022 12:32

Tgt Ion:180 Resp: 22442
Ion Ratio Lower Upper
180 100
182 92.6 47.3 141.8
145 33.0 17.6 52.9

