

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122222\
 Data File : VN075938.D
 Acq On : 22 Dec 2022 12:17
 Operator : JC\MD
 Sample : VN1222WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBS01

Quant Time: Dec 23 03:59:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/27/2022
 Supervised By : Mahesh Dadoda 12/27/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	294810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	477297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	419645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	168201	52.444	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.880%			
35) Dibromofluoromethane	8.177	113	156180	52.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	10.571	98	577391	52.245	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.500%			
62) 4-Bromofluorobenzene	12.853	95	193711	52.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	35185	16.809	ug/l	99
3) Chloromethane	2.371	50	43546	16.730	ug/l	97
4) Vinyl Chloride	2.530	62	53344	17.181	ug/l	99
5) Bromomethane	2.959	94	45362	17.191	ug/l	93
6) Chloroethane	3.130	64	41402	18.007	ug/l	98
7) Trichlorofluoromethane	3.512	101	83677	17.761	ug/l	93
8) Diethyl Ether	3.977	74	32454	18.860	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	48977	18.205	ug/l	98
10) Methyl Iodide	4.606	142	71969	16.484	ug/l	100
11) Tert butyl alcohol	5.536	59	43232	95.262	ug/l	97
12) 1,1-Dichloroethene	4.354	96	46387	17.753	ug/l	99
13) Acrolein	4.195	56	69551	125.008	ug/l	99
14) Allyl chloride	5.042	41	54170	17.735	ug/l	90
15) Acrylonitrile	5.736	53	116651	94.191	ug/l	98
16) Acetone	4.442	43	112651	101.891	ug/l	99
17) Carbon Disulfide	4.730	76	97515	15.414	ug/l	96
18) Methyl Acetate	5.042	43	62477	19.117	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	163172	18.964	ug/l	97
20) Methylene Chloride	5.289	84	55701	18.429	ug/l	96
21) trans-1,2-Dichloroethene	5.801	96	50270	17.568	ug/l	94
22) Diisopropyl ether	6.689	45	144100	19.421	ug/l	96
23) Vinyl Acetate	6.612	43	474693	95.049	ug/l	97
24) 1,1-Dichloroethane	6.583	63	88932	17.971	ug/l	98
25) 2-Butanone	7.495	43	157167	101.526	ug/l	99
26) 2,2-Dichloropropane	7.500	77	76953	18.363	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	62878	18.373	ug/l	96
28) Bromochloromethane	7.818	49	41216	19.003	ug/l	99
29) Tetrahydrofuran	7.842	42	91708	94.533	ug/l	96
30) Chloroform	7.971	83	102078	18.321	ug/l	92
31) Cyclohexane	8.265	56	82574	17.977	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	91313	18.486	ug/l	97
36) 1,1-Dichloropropene	8.377	75	70290	17.901	ug/l	98
37) Ethyl Acetate	7.565	43	58416	18.521	ug/l	99
38) Carbon Tetrachloride	8.365	117	79177	18.017	ug/l	93
39) Methylcyclohexane	9.606	83	89023	18.793	ug/l	99
40) Benzene	8.612	78	219592	18.126	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31389	19.147	ug/l	94
42) 1,2-Dichloroethane	8.677	62	75021	18.627	ug/l	98
43) Isopropyl Acetate	8.694	43	101652	19.538	ug/l	99
44) Trichloroethene	9.353	130	60711	17.788	ug/l	97
45) 1,2-Dichloropropane	9.630	63	54283	18.413	ug/l	99
46) Dibromomethane	9.712	93	40469	18.508	ug/l	99
47) Bromodichloromethane	9.888	83	78748	18.365	ug/l	96
48) Methyl methacrylate	9.683	41	45870	19.575	ug/l	95
49) 1,4-Dioxane	9.700	88	23076	400.574	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	317991	101.066	ug/l	100
52) Toluene	10.635	92	149611	18.962	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	76897	18.320	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	85927	18.645	ug/l	99
55) 1,1,2-Trichloroethane	11.024	97	59947	19.357	ug/l	94
56) Ethyl methacrylate	10.877	69	81804	19.887	ug/l	98
57) 1,3-Dichloropropane	11.165	76	94984	18.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	103894	79.329	ug/l	98
59) 2-Hexanone	11.200	43	234931	102.386	ug/l	100
60) Dibromochloromethane	11.365	129	62954	18.279	ug/l	97
61) 1,2-Dibromoethane	11.471	107	58080	18.533	ug/l	98
64) Tetrachloroethene	11.106	164	56403	19.101	ug/l	97
65) Chlorobenzene	11.894	112	161166	18.712	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	59649	18.697	ug/l	98
67) Ethyl Benzene	11.965	91	279967	19.259	ug/l	97
68) m/p-Xylenes	12.071	106	222665	38.700	ug/l	100
69) o-Xylene	12.400	106	110794	19.459	ug/l	99
70) Styrene	12.412	104	181166	20.011	ug/l	98
71) Bromoform	12.582	173	45328	19.526	ug/l #	99
73) Isopropylbenzene	12.700	105	286980	19.626	ug/l	99
74) N-amyl acetate	12.500	43	85193	19.860	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	85627	18.943	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	74911m	18.366	ug/l	
77) Bromobenzene	12.982	156	69829	18.870	ug/l	98
78) n-propylbenzene	13.041	91	321953	19.963	ug/l	98
79) 2-Chlorotoluene	13.129	91	191004	18.973	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	243306	19.881	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	22169	19.564	ug/l	95
82) 4-Chlorotoluene	13.129	91	191004	18.973	ug/l	99
83) tert-Butylbenzene	13.441	119	223152	20.681	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	243992	20.097	ug/l	100
85) sec-Butylbenzene	13.618	105	301065	20.215	ug/l	99
86) p-Isopropyltoluene	13.735	119	248047	20.016	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	128178	18.751	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	126231	18.077	ug/l	99
89) n-Butylbenzene	14.059	91	192220	19.147	ug/l	100
90) Hexachloroethane	14.335	117	42911	19.358	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	130868	19.437	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15265	19.031	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	60760	18.228	ug/l	99
94) Hexachlorobutadiene	15.500	225	34466	18.951	ug/l	99
95) Naphthalene	15.641	128	176565	17.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	58707	18.843	ug/l	100

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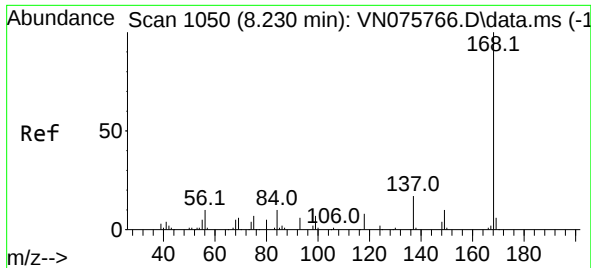
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



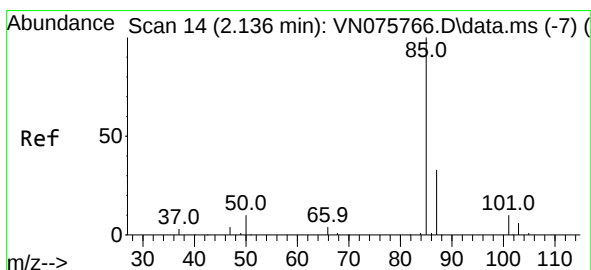
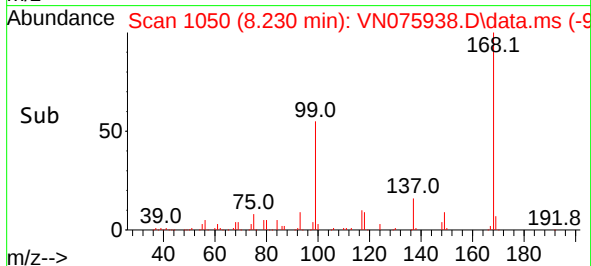
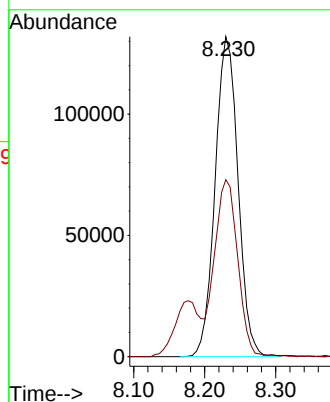
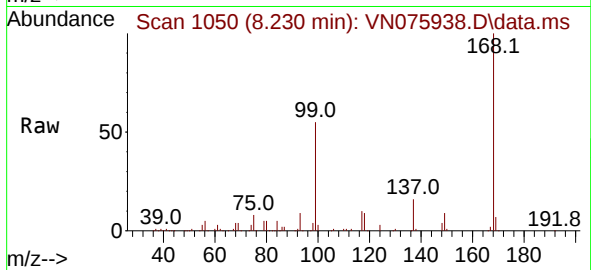
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075938.D
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ClientSampleId :
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Tgt Ion:168 Resp: 294810
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4

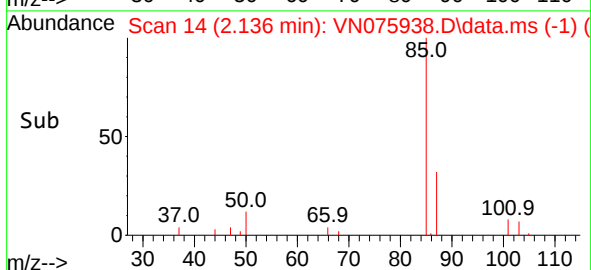
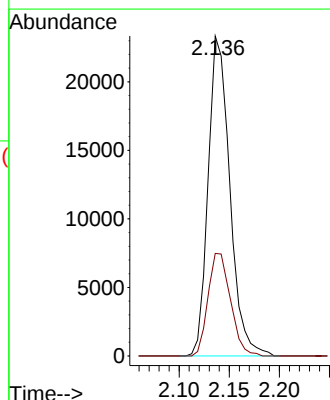
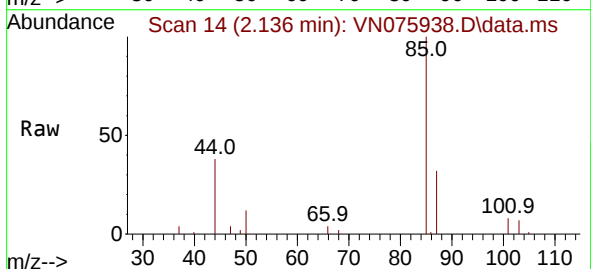
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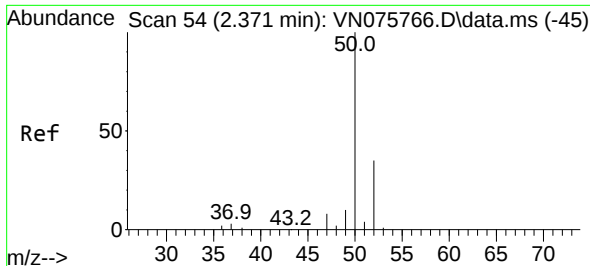
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#2
Dichlorodifluoromethane
Concen: 16.809 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 85 Resp: 35185
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





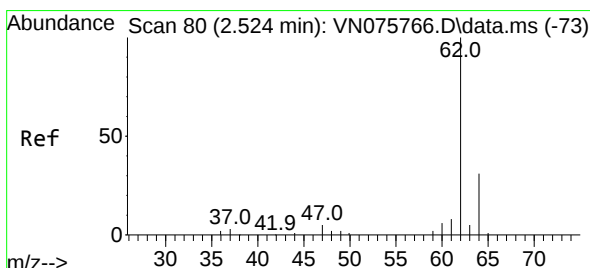
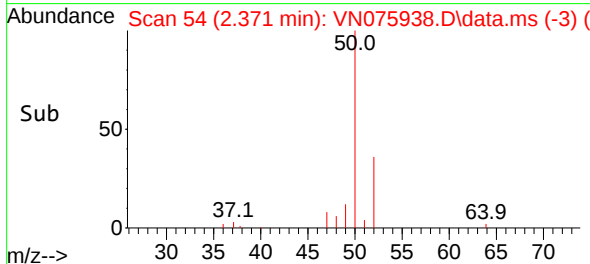
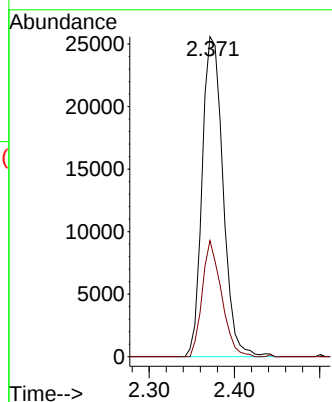
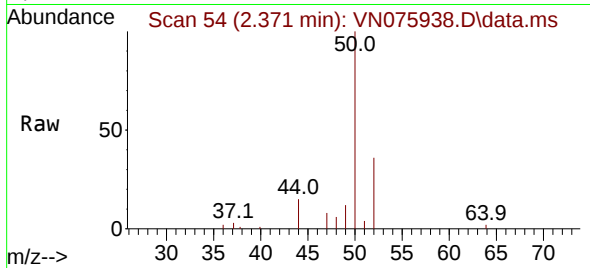
#3
Chloromethane
Concen: 16.730 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
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Tgt Ion: 50 Resp: 43540
Ion Ratio Lower Upper
50 100
52 36.3 27.7 41.5

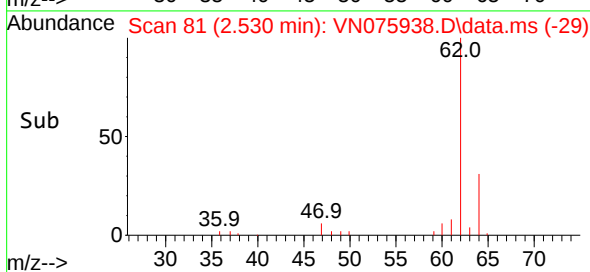
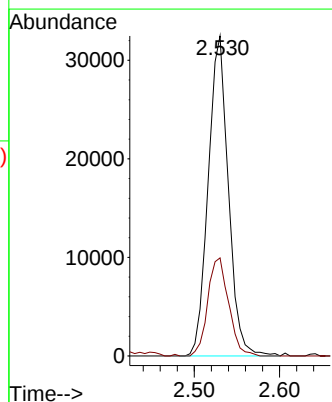
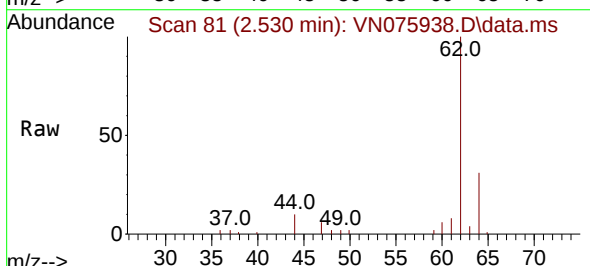
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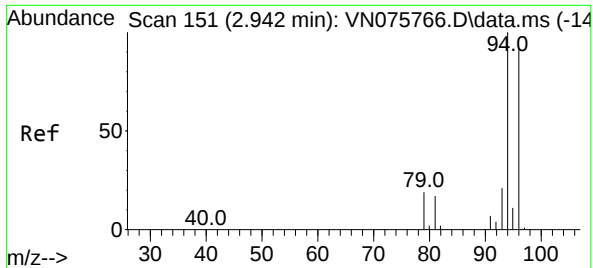
Reviewed By :John Carlone 12/27/2022
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#4
Vinyl Chloride
Concen: 17.181 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

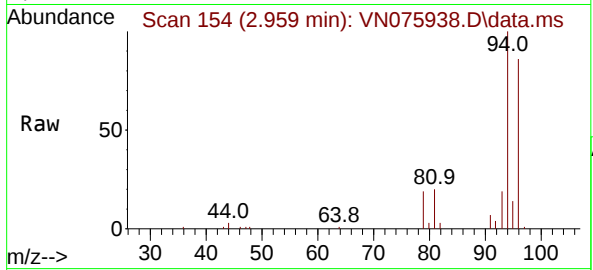
Tgt Ion: 62 Resp: 53344
Ion Ratio Lower Upper
62 100
64 30.6 24.9 37.3





#5
Bromomethane
Concen: 17.191 ug/l
RT: 2.959 min Scan# 151
Delta R.T. 0.018 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

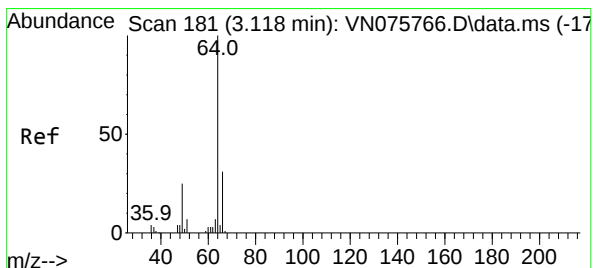
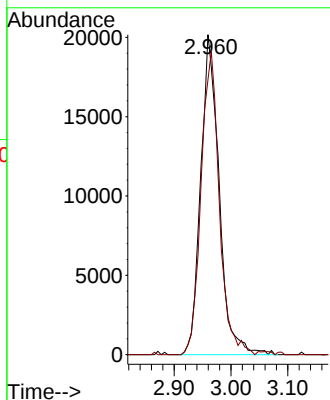
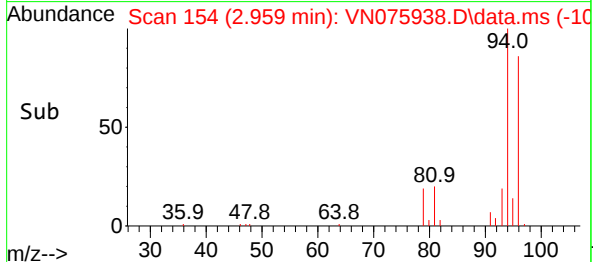
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Tgt Ion: 94 Resp: 45362
Ion Ratio Lower Upper
94 100
96 85.9 73.8 110.6

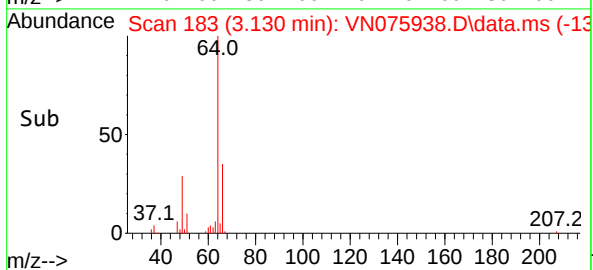
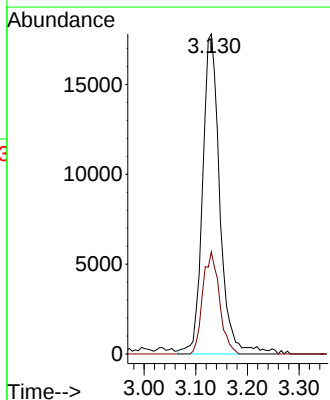
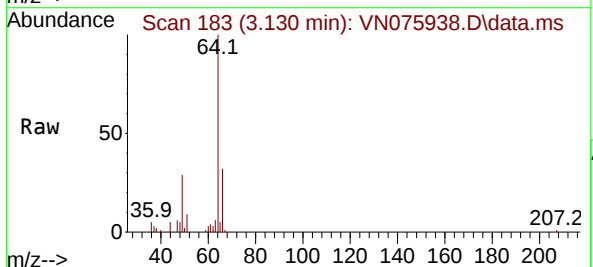
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#6
Chloroethane
Concen: 18.007 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

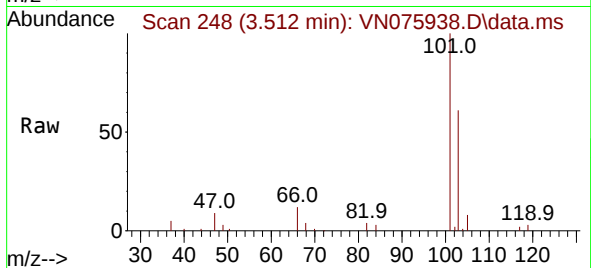
Tgt Ion: 64 Resp: 41402
Ion Ratio Lower Upper
64 100
66 31.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 17.761 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075938.D
 Acq: 22 Dec 2022 12:17

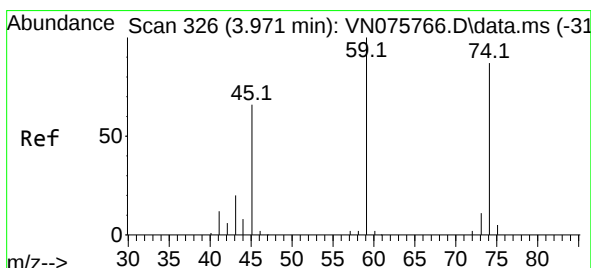
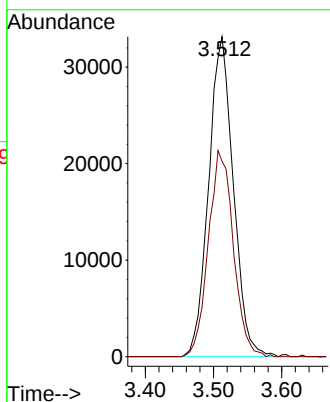
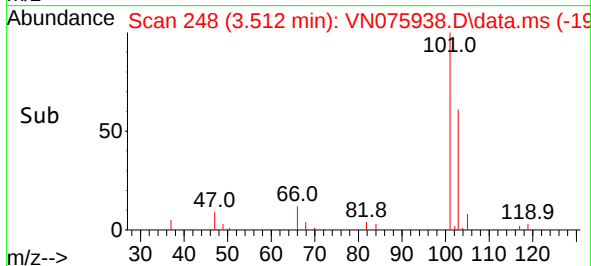
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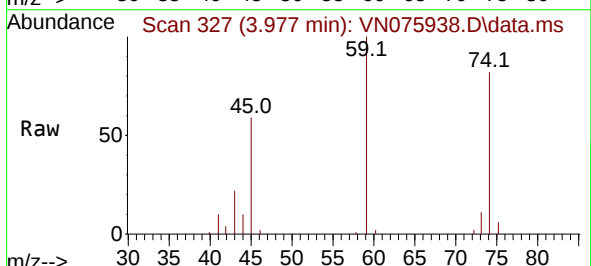
Tgt Ion:101 Resp: 8367
 Ion Ratio Lower Upper
 101 100
 103 61.1 53.4 80.2

Manual Integrations
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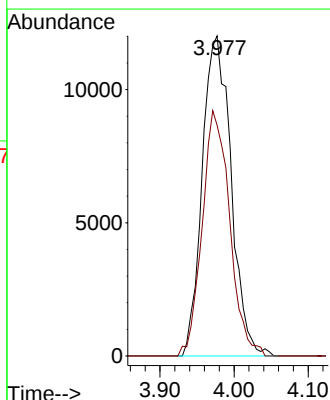
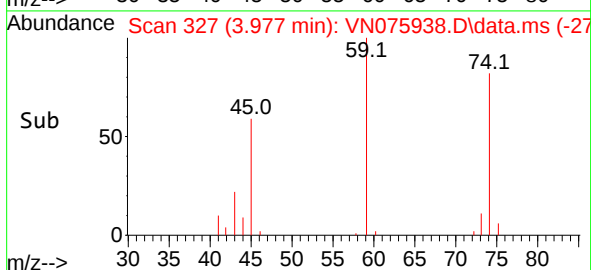
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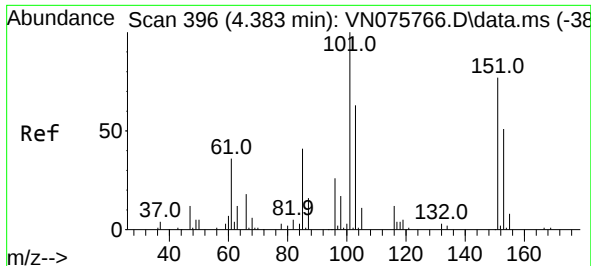


#8
 Diethyl Ether
 Concen: 18.860 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075938.D
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Tgt Ion: 74 Resp: 32454
 Ion Ratio Lower Upper
 74 100
 45 73.1 37.8 113.4





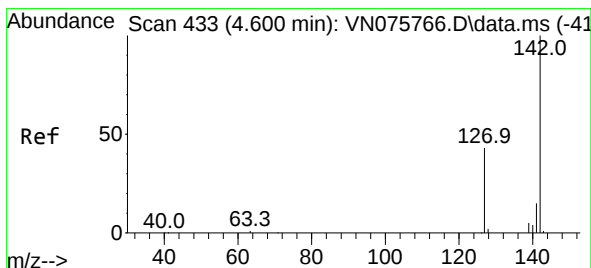
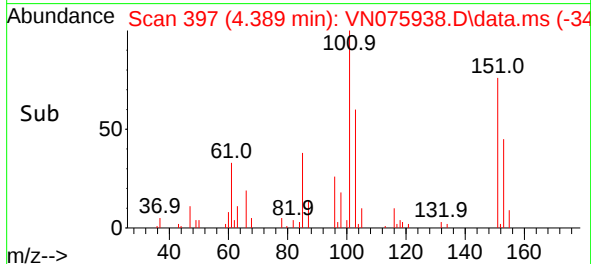
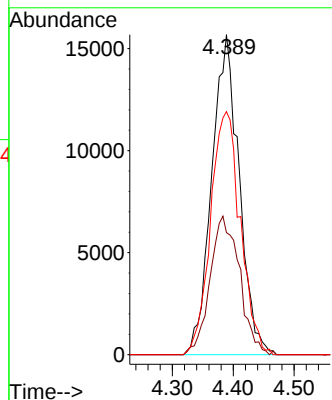
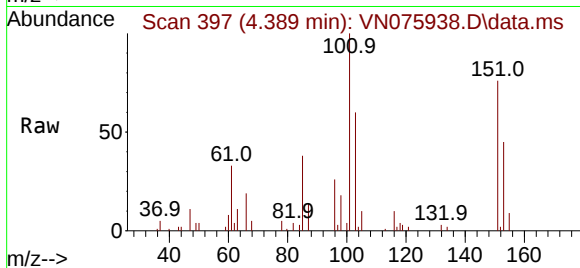
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1,1,2-Trichlorotrifluoroethane
Concen: 18.205 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075938.D
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ClientSampleId :
VN1222WBS01

Tgt Ion:101 Resp: 4897
Ion Ratio Lower Upper
101 100
85 46.6 35.3 52.9
151 82.7 65.6 98.4

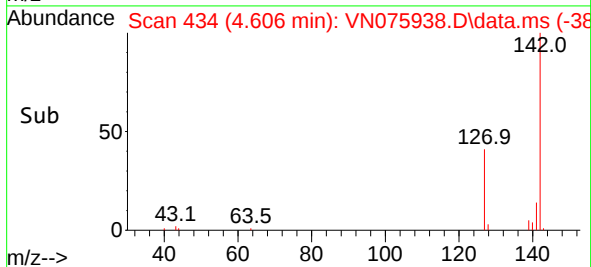
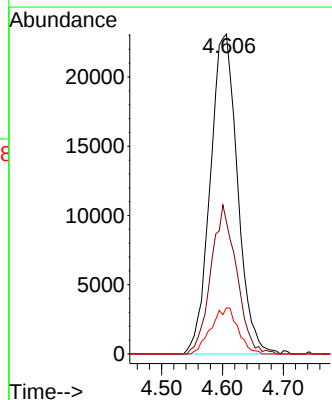
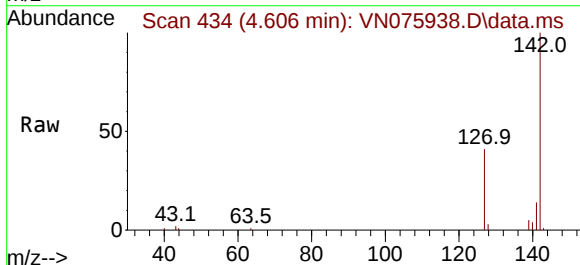
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#10
Methyl Iodide
Concen: 16.484 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

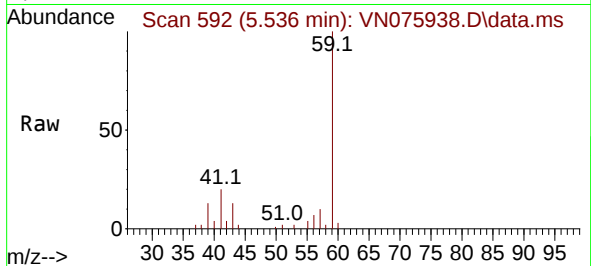
Tgt Ion:142 Resp: 71969
Ion Ratio Lower Upper
142 100
127 43.7 34.7 52.1
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 95.262 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

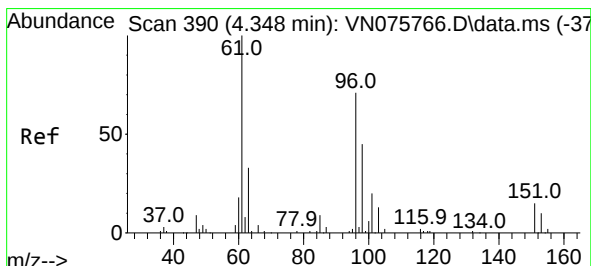
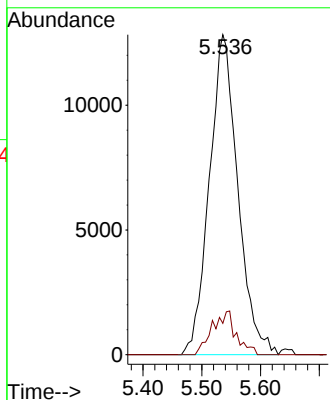
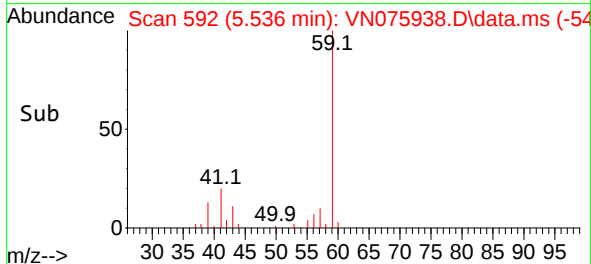
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



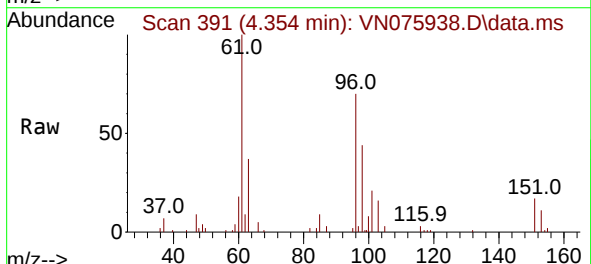
Tgt Ion: 59 Resp: 4323
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4

Manual Integrations
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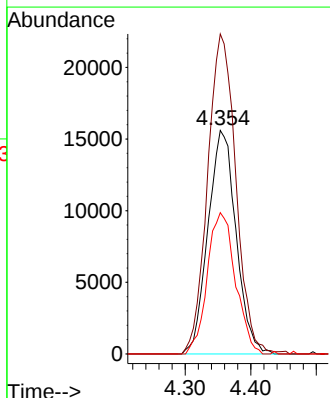
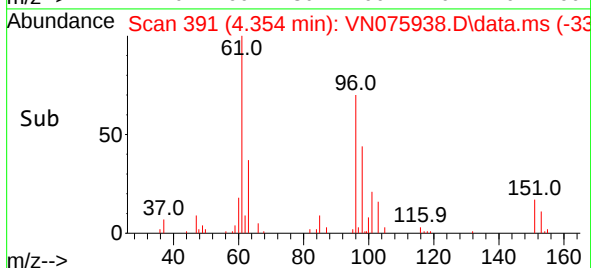
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#12
1,1-Dichloroethene
Concen: 17.753 ug/l
RT: 4.354 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17



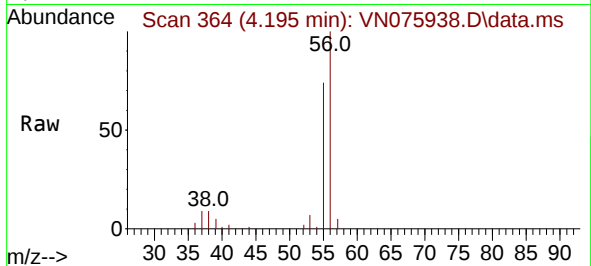
Tgt Ion: 96 Resp: 46387
Ion Ratio Lower Upper
96 100
61 143.1 113.3 169.9
98 63.2 50.9 76.3





#13
Acrolein
Concen: 125.008 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

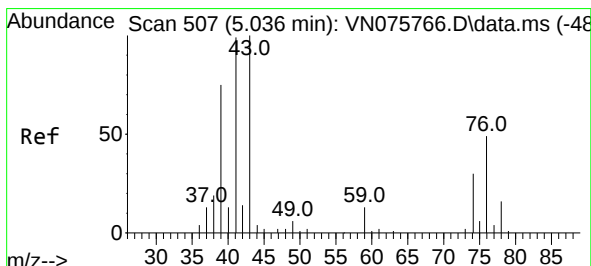
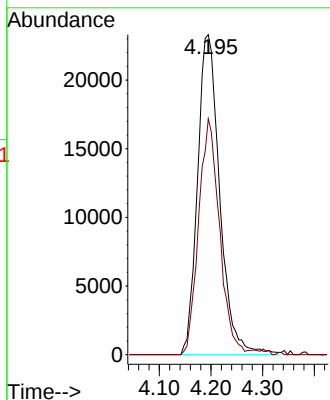
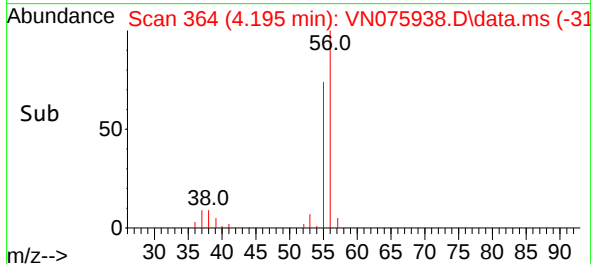
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



Tgt Ion: 56 Resp: 6955
Ion Ratio Lower Upper
56 100
55 69.3 54.8 82.2

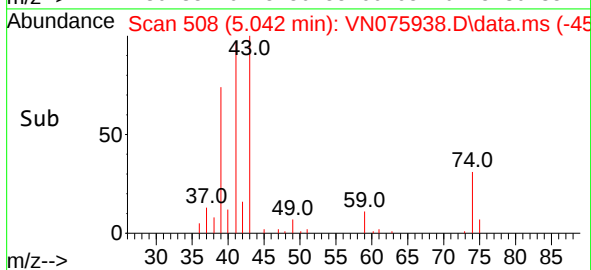
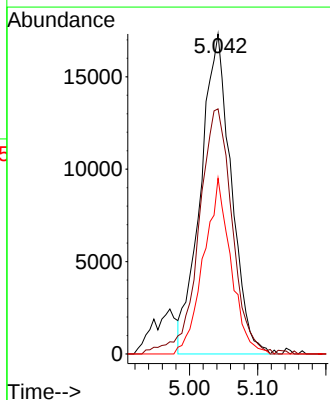
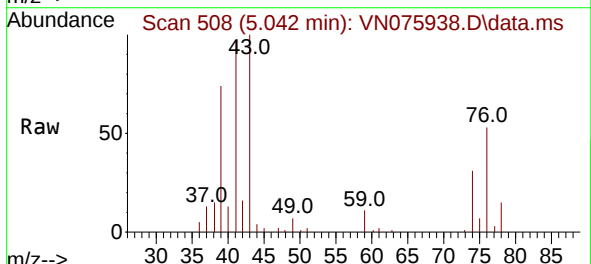
Manual Integrations
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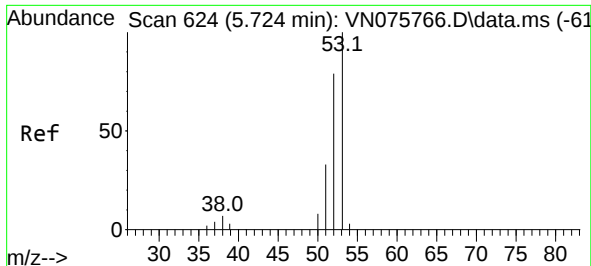
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#14
Allyl chloride
Concen: 17.735 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

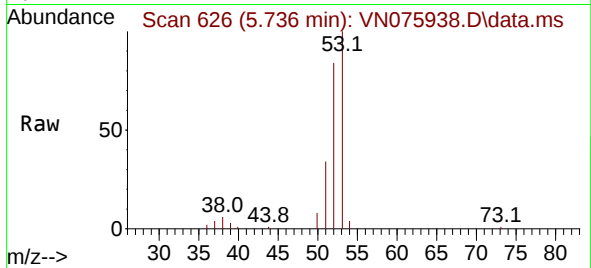
Tgt Ion: 41 Resp: 54170
Ion Ratio Lower Upper
41 100
39 83.0 58.3 87.5
76 48.9 35.8 53.6





#15
Acrylonitrile
Concen: 94.191 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

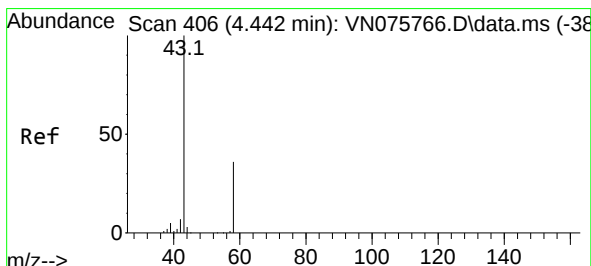
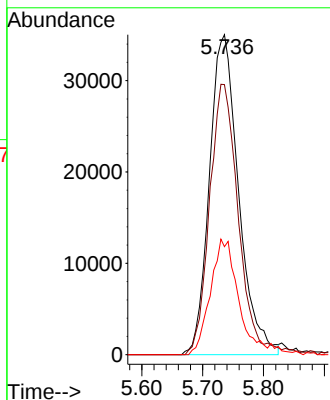
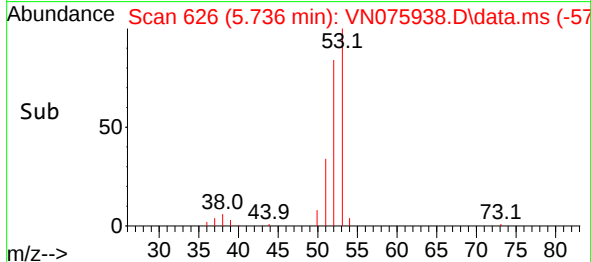
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



Tgt Ion: 53 Resp: 116651
Ion Ratio Lower Upper
53 100
52 83.5 65.4 98.0
51 34.3 28.9 43.3

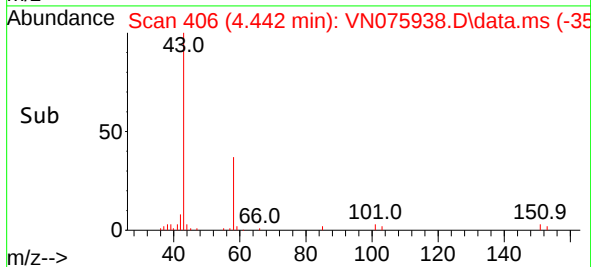
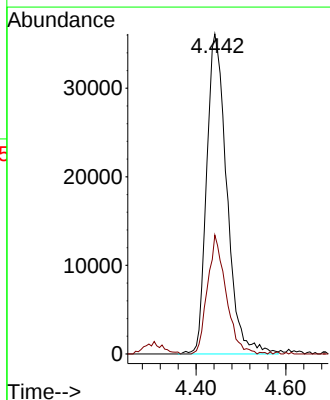
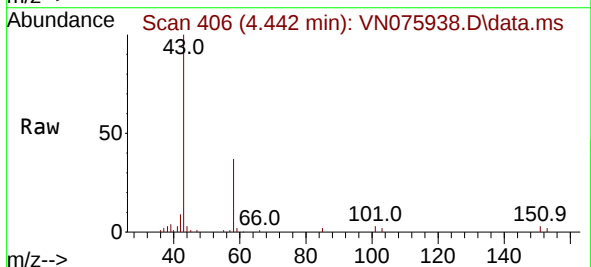
Manual Integrations
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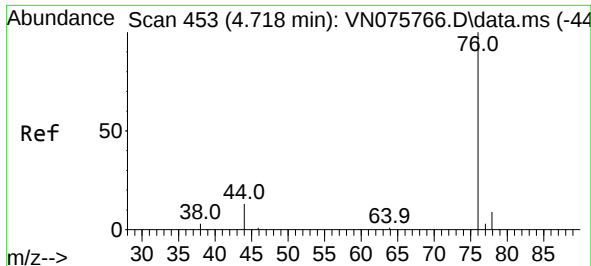
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#16
Acetone
Concen: 101.891 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 43 Resp: 112651
Ion Ratio Lower Upper
43 100
58 36.6 28.6 43.0





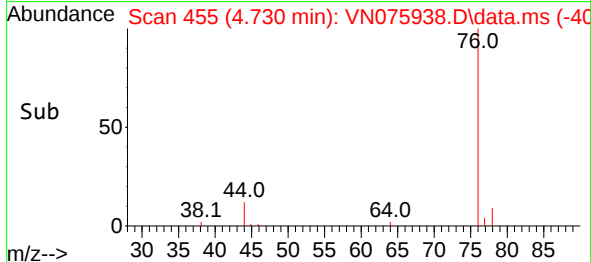
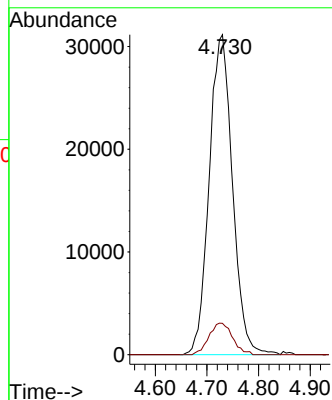
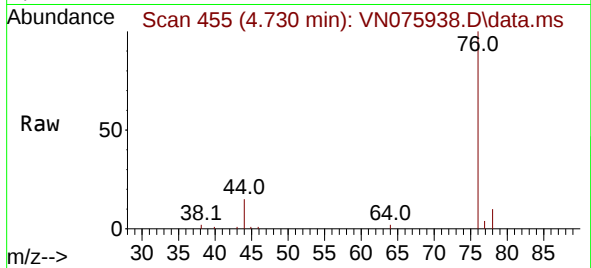
#17
Carbon Disulfide
Concen: 15.414 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion: 76 Resp: 9751
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2

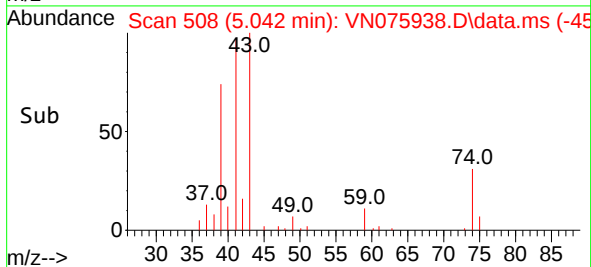
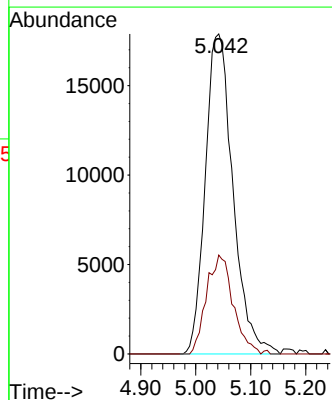
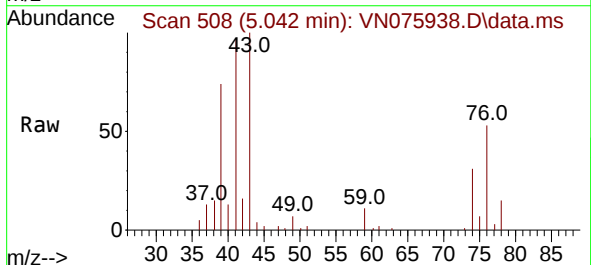
Manual Integrations
APPROVED

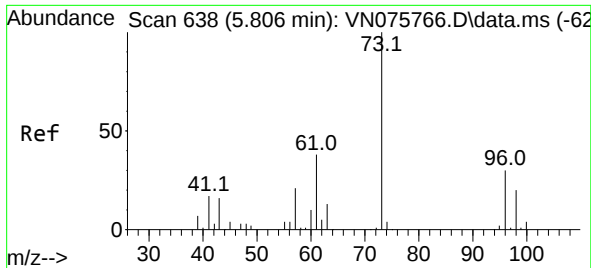
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#18
Methyl Acetate
Concen: 19.117 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 43 Resp: 62477
Ion Ratio Lower Upper
43 100
74 29.7 23.6 35.4





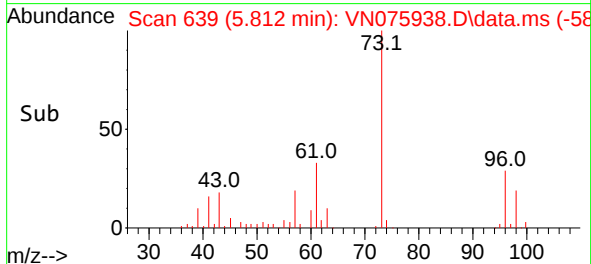
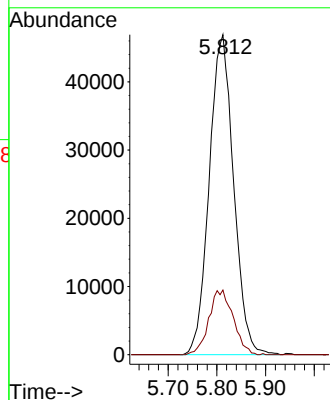
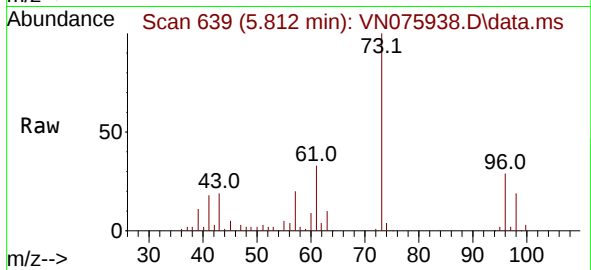
#19
Methyl tert-butyl Ether
Concen: 18.964 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion: 73 Resp: 163172
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7

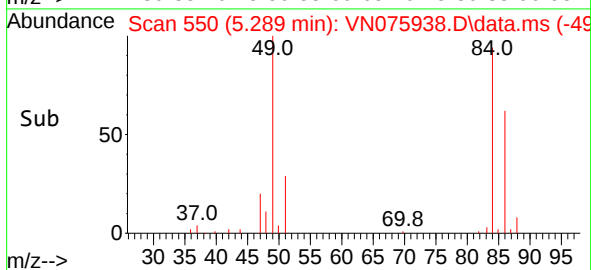
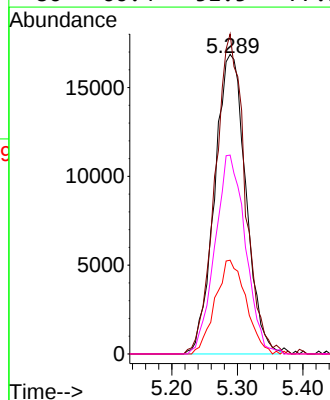
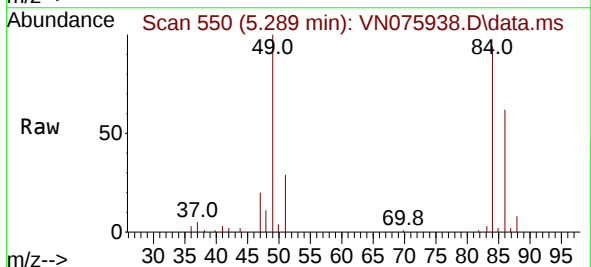
Manual Integrations
APPROVED

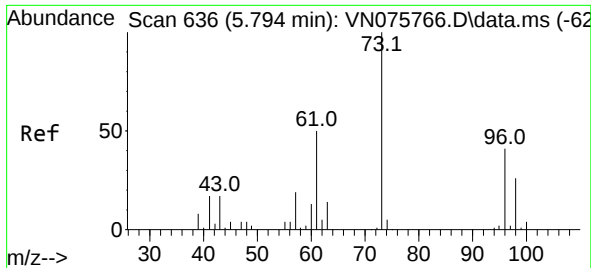
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#20
Methylene Chloride
Concen: 18.429 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 84 Resp: 55701
Ion Ratio Lower Upper
84 100
49 106.8 81.8 122.6
51 31.3 26.7 40.1
86 66.4 51.5 77.3





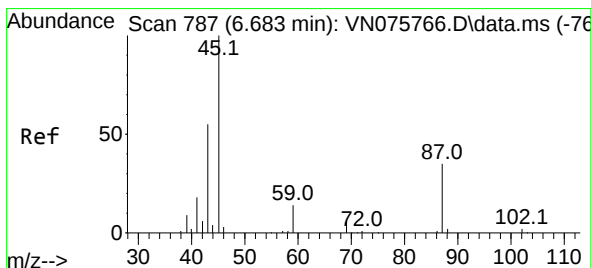
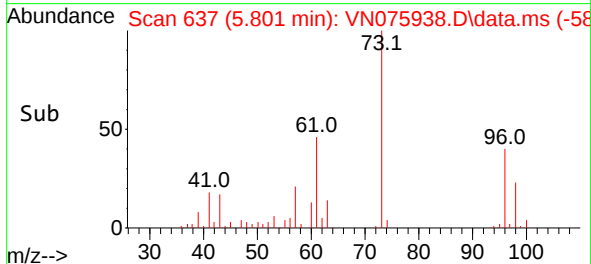
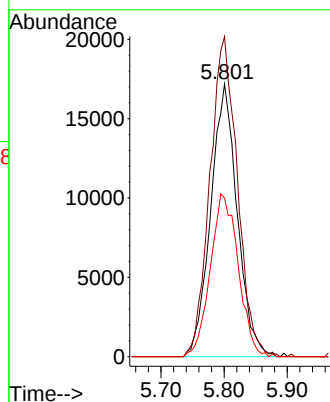
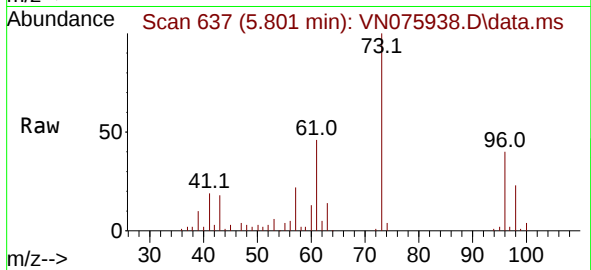
#21
trans-1,2-Dichloroethene
Concen: 17.568 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion: 96 Resp: 50270
Ion Ratio Lower Upper
96 100
61 117.4 98.1 147.1
98 58.1 51.4 77.2

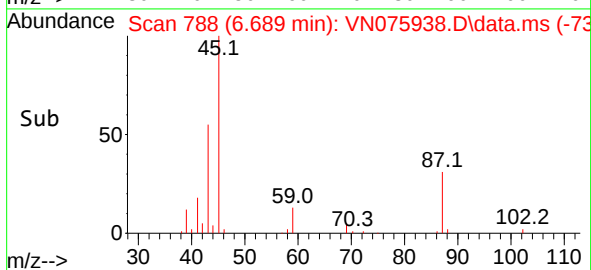
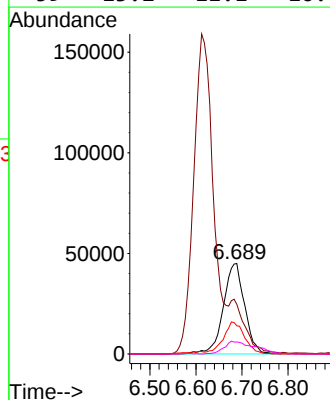
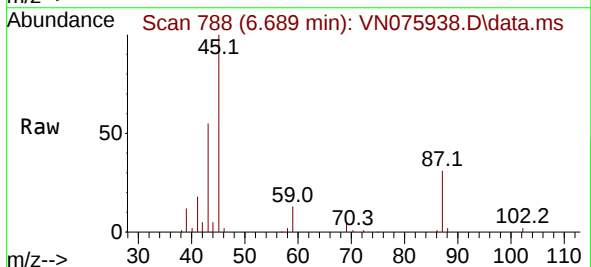
Manual Integrations
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Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#22
Diisopropyl ether
Concen: 19.421 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 45 Resp: 144100
Ion Ratio Lower Upper
45 100
43 53.7 44.2 66.4
87 31.2 28.3 42.5
59 13.2 11.1 16.7





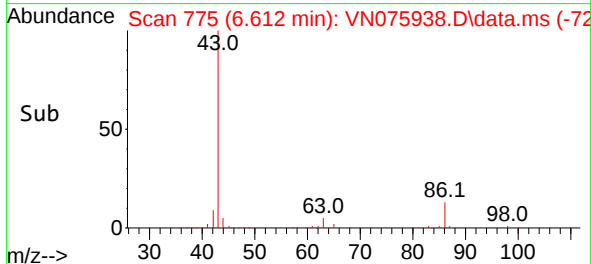
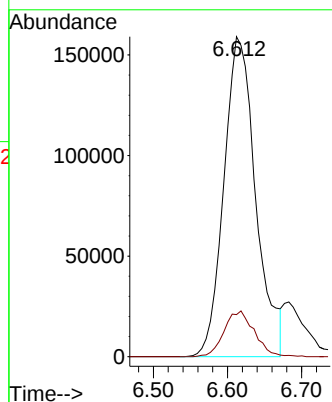
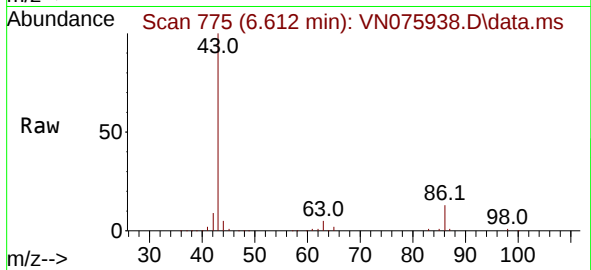
#23
 Vinyl Acetate
 Concen: 95.049 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075938.D
 Acq: 22 Dec 2022 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBS01

Tgt Ion: 43 Resp: 47469
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.4 17.2

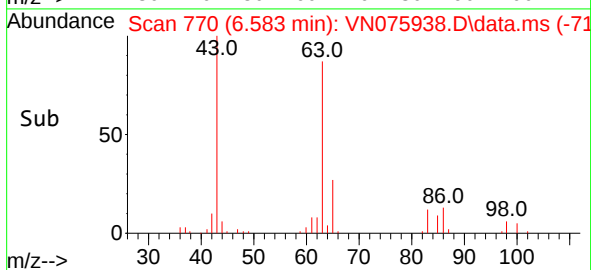
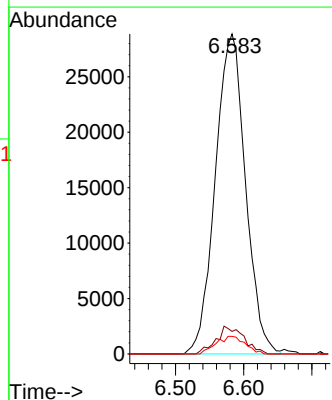
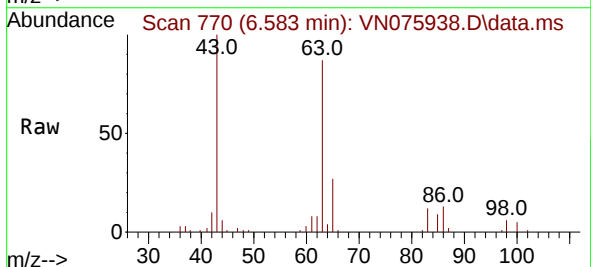
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#24
 1,1-Dichloroethane
 Concen: 17.971 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075938.D
 Acq: 22 Dec 2022 12:17

Tgt Ion: 63 Resp: 88932
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.5
 100 5.5 2.5 7.6





#25

2-Butanone

Concen: 101.526 ug/l

RT: 7.495 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBS01

Tgt Ion: 43 Resp: 15716

Ion Ratio Lower Upper

43 100

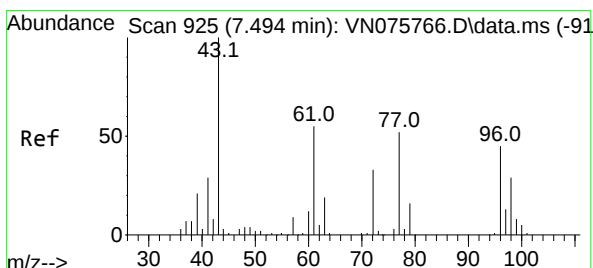
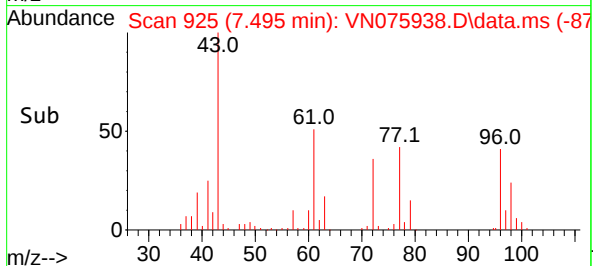
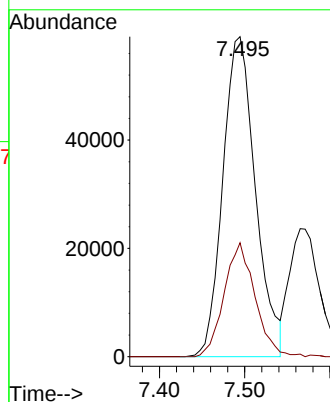
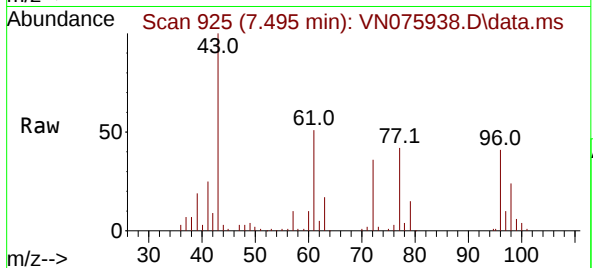
72 35.6 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#26

2,2-Dichloropropane

Concen: 18.363 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075938.D

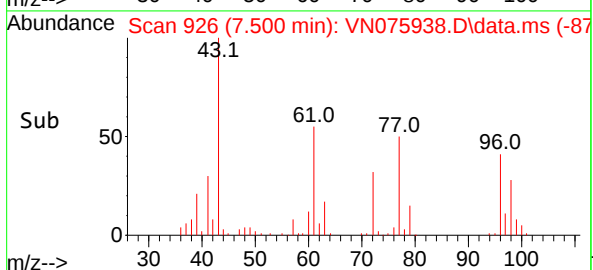
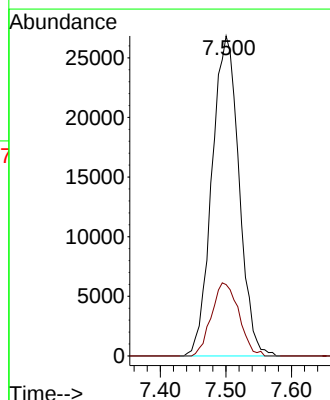
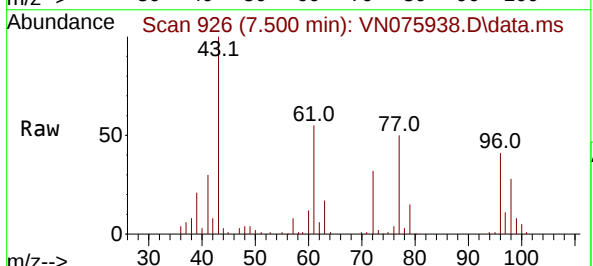
Acq: 22 Dec 2022 12:17

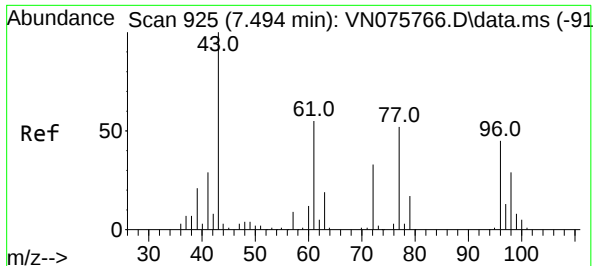
Tgt Ion: 77 Resp: 76953

Ion Ratio Lower Upper

77 100

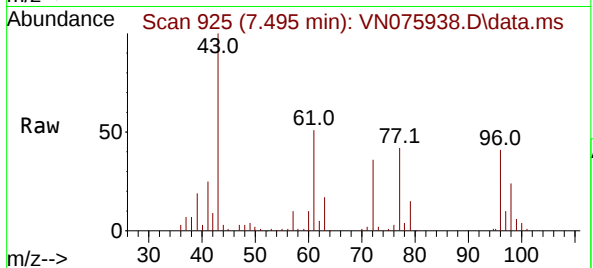
97 23.1 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.373 ug/l
 RT: 7.495 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075938.D
 Acq: 22 Dec 2022 12:17

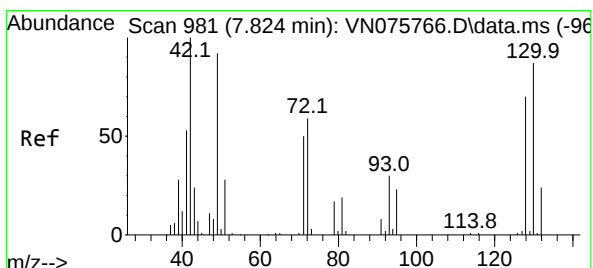
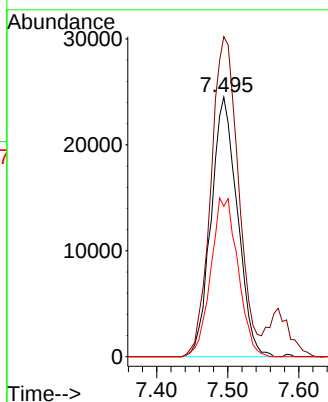
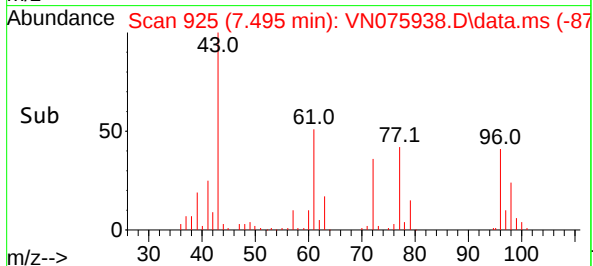
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBS01



Tgt Ion: 96 Resp: 62878
 Ion Ratio Lower Upper
 96 100
 61 129.6 0.0 247.8
 98 63.4 0.0 128.4

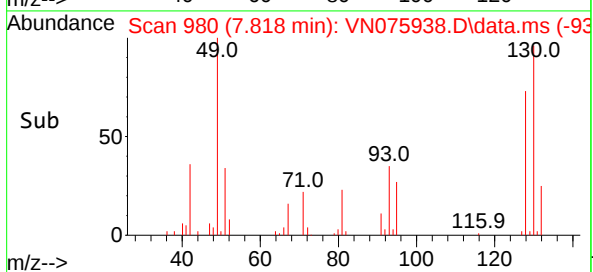
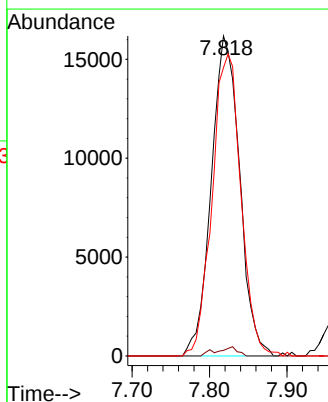
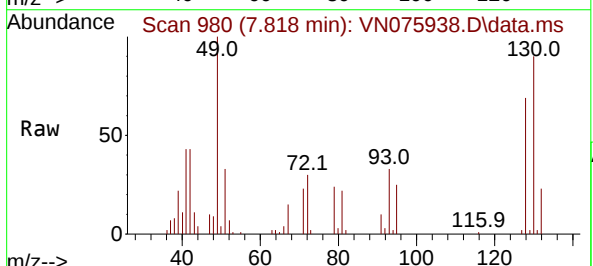
Manual Integrations
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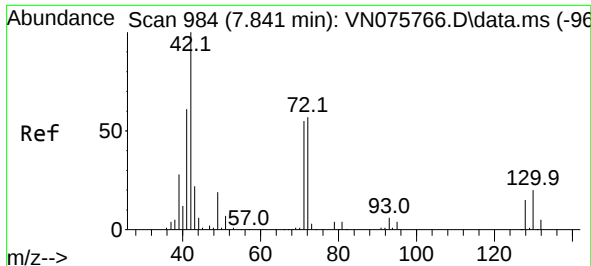
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#28
 Bromochloromethane
 Concen: 19.003 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN075938.D
 Acq: 22 Dec 2022 12:17

Tgt Ion: 49 Resp: 41216
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 5.0
 130 95.5 77.0 115.4





#29

Tetrahydrofuran

Concen: 94.533 ug/l

RT: 7.842 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

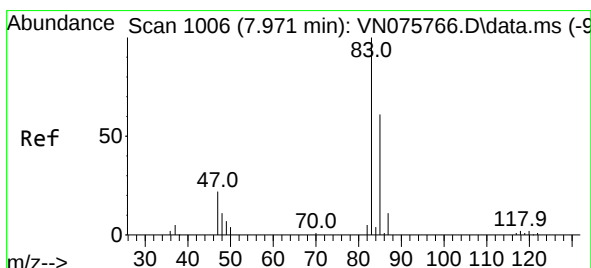
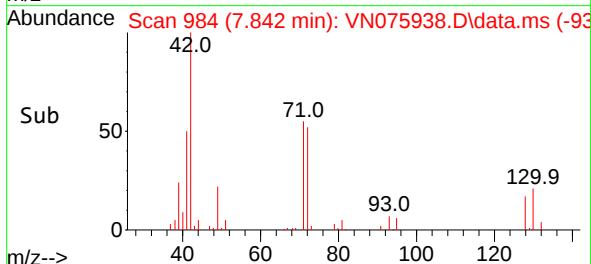
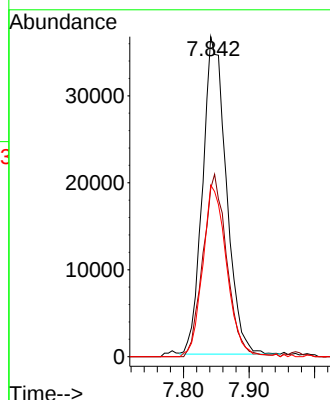
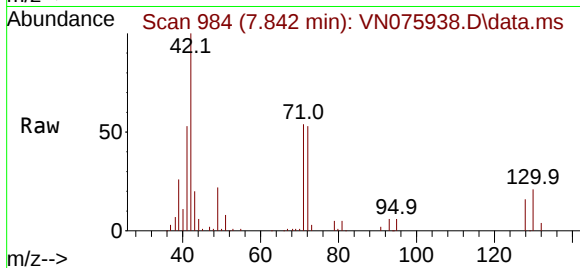
VN1222WBS01

Tgt Ion: 42 Resp: 91708
 Ion Ratio Lower Upper
 42 100
 72 57.8 44.5 66.7
 71 54.8 41.0 61.6

Manual Integrations

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Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#30

Chloroform

Concen: 18.321 ug/l

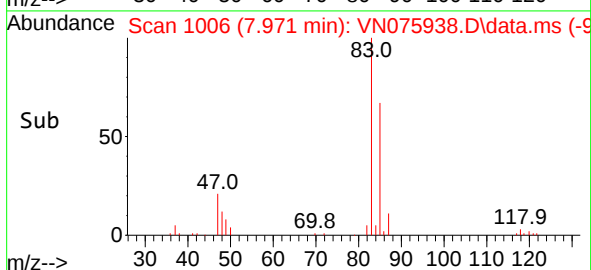
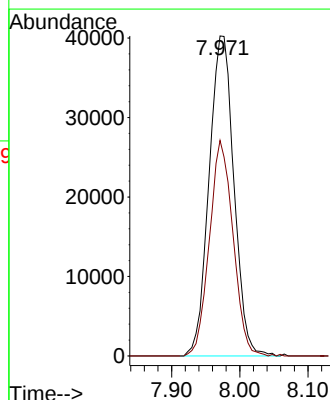
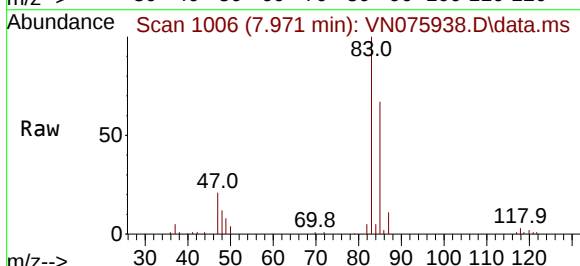
RT: 7.971 min Scan# 1006

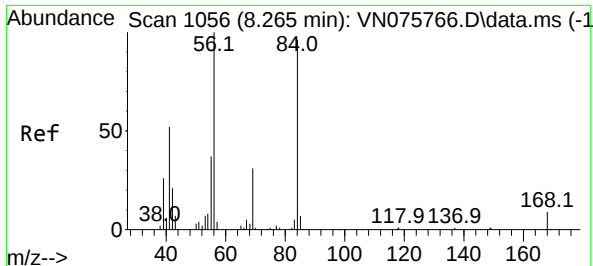
Delta R.T. 0.000 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

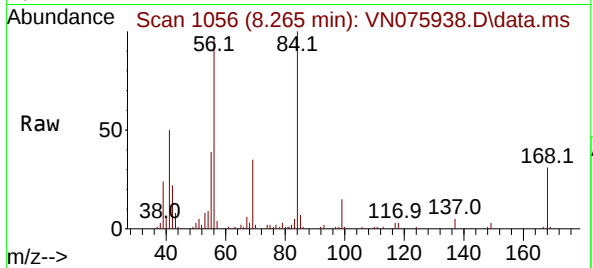
Tgt Ion: 83 Resp: 102078
 Ion Ratio Lower Upper
 83 100
 85 67.3 49.1 73.7





#31
Cyclohexane
Concen: 17.977 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

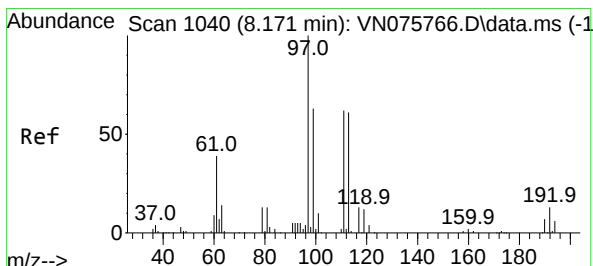
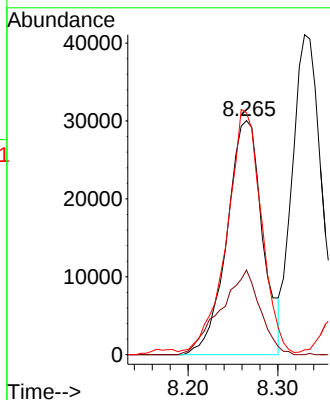
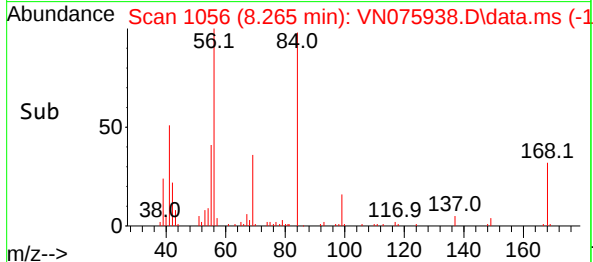
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



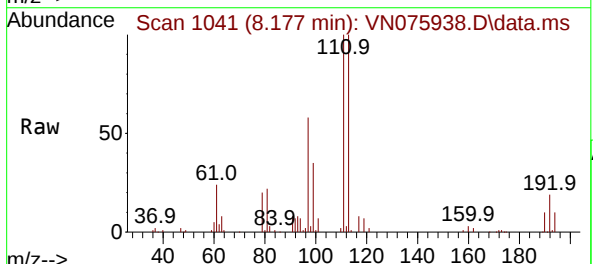
Tgt Ion: 56 Resp: 82574
Ion Ratio Lower Upper
56 100
69 36.1 24.7 37.1
84 102.1 76.5 114.7

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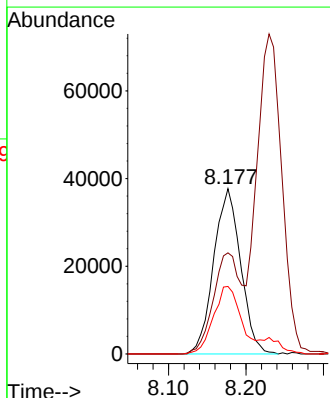
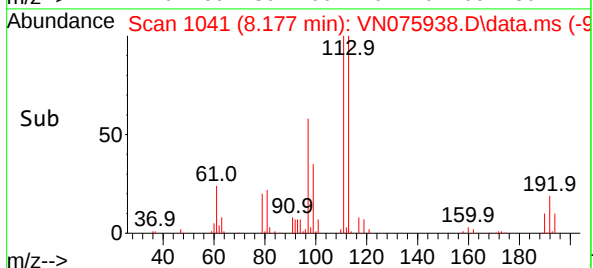
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#32
1,1,1-Trichloroethane
Concen: 18.486 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17



Tgt Ion: 97 Resp: 91313
Ion Ratio Lower Upper
97 100
99 65.0 50.2 75.2
61 41.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.444 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBS01

Tgt Ion: 65 Resp: 16820

Ion Ratio Lower Upper

65 100

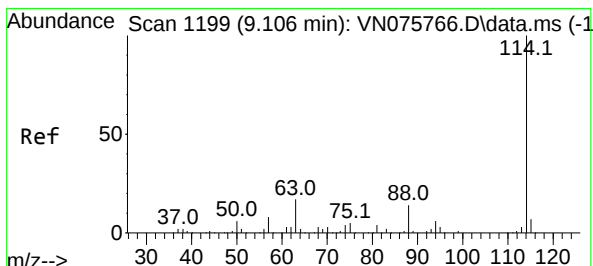
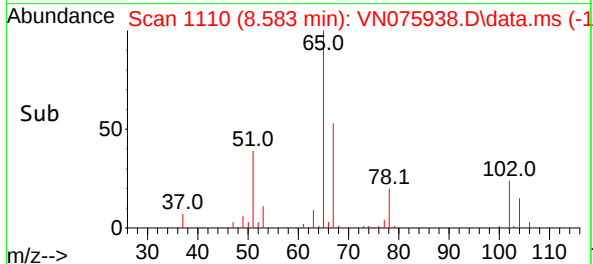
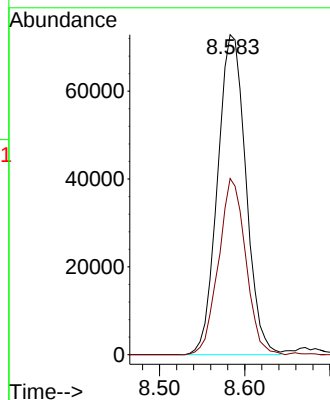
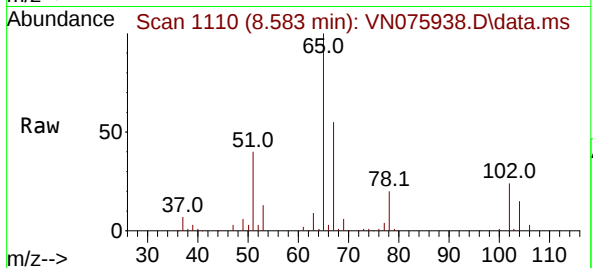
67 52.7 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

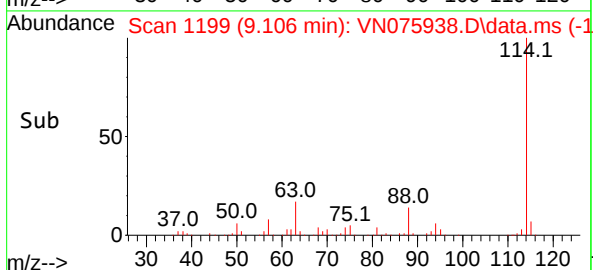
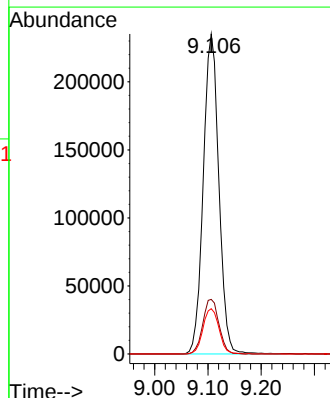
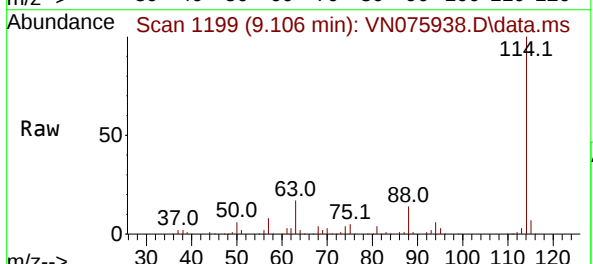
Tgt Ion:114 Resp: 477297

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.4

88 14.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.838 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBS01

Tgt Ion: 113 Resp: 156180

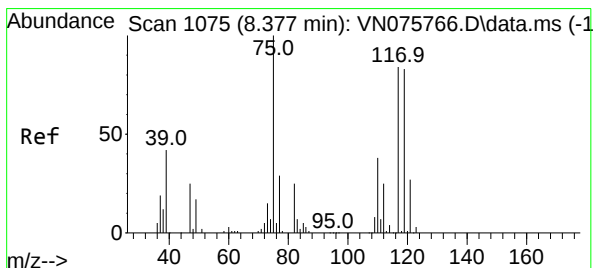
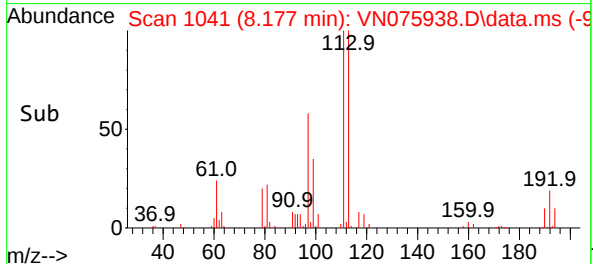
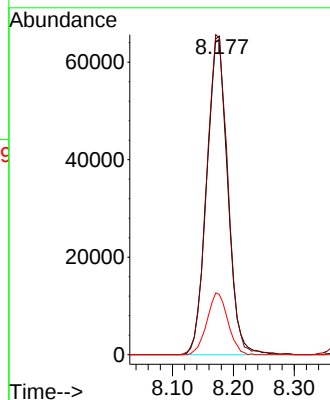
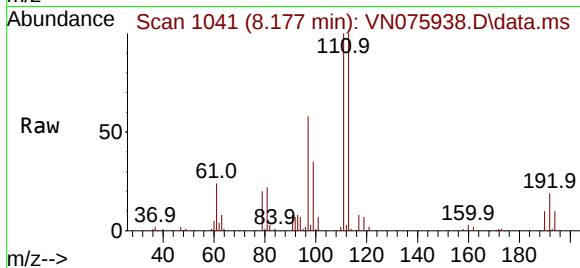
Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.4	125.2
192	19.3	16.1	24.1

Manual Integrations

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Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#36

1,1-Dichloropropene

Concen: 17.901 ug/l

RT: 8.377 min Scan# 1075

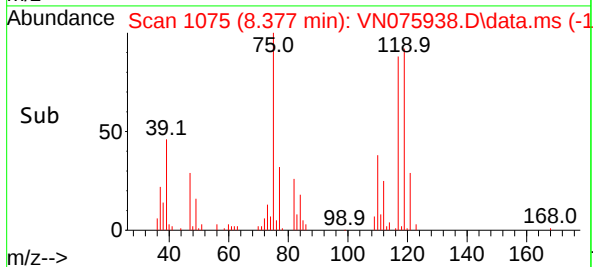
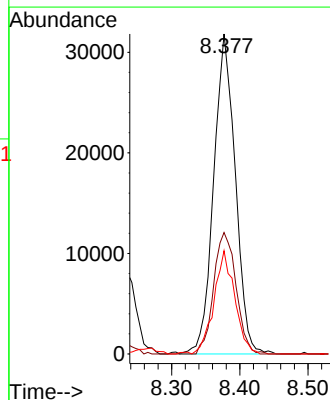
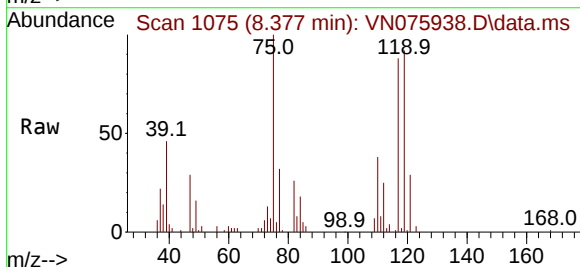
Delta R.T. 0.000 min

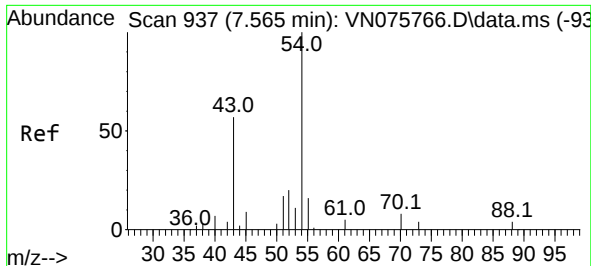
Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Tgt Ion: 75 Resp: 70290

Ion	Ratio	Lower	Upper
75	100		
110	39.4	18.8	56.4
77	30.9	24.1	36.1





#37

Ethyl Acetate

Concen: 18.521 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN122WBS01

Tgt Ion: 43 Resp: 58410

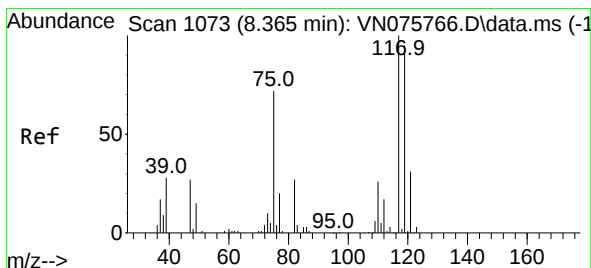
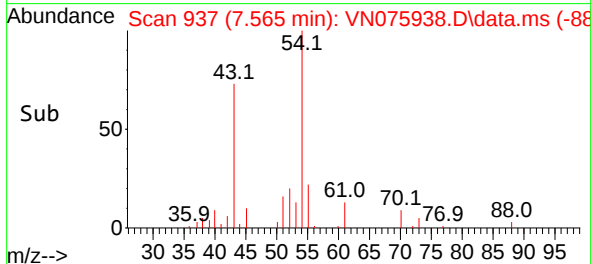
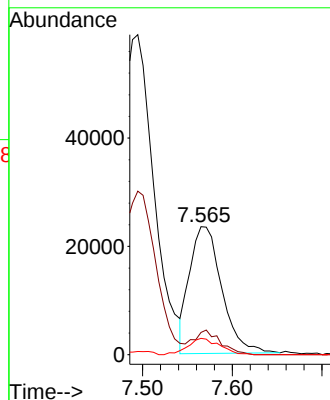
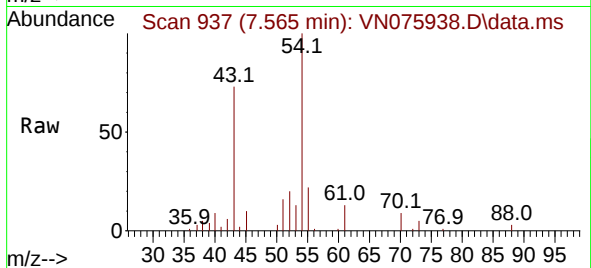
Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.0	19.4
70	12.7	9.4	14.0

Manual Integrations

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Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#38

Carbon Tetrachloride

Concen: 18.017 ug/l

RT: 8.365 min Scan# 1073

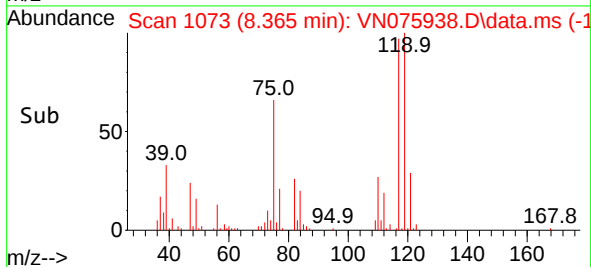
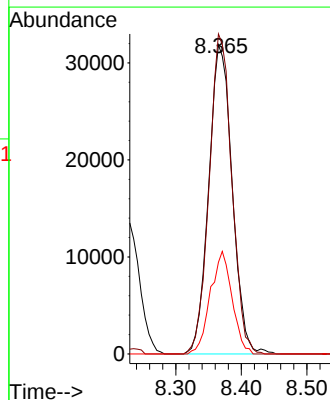
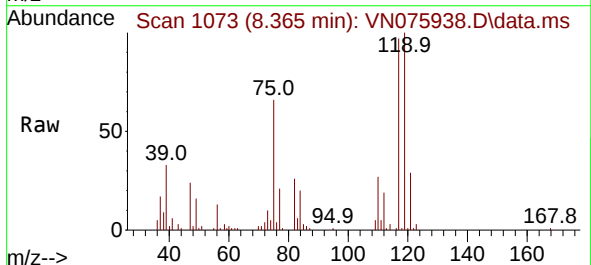
Delta R.T. 0.000 min

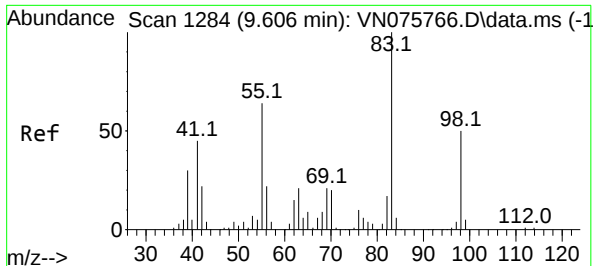
Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Tgt Ion:117 Resp: 79177

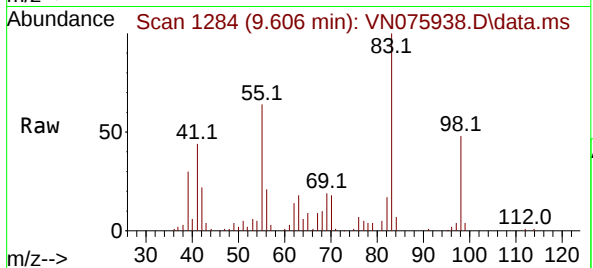
Ion	Ratio	Lower	Upper
117	100		
119	103.5	76.1	114.1
121	29.7	24.5	36.7





#39
Methylcyclohexane
Concen: 18.793 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

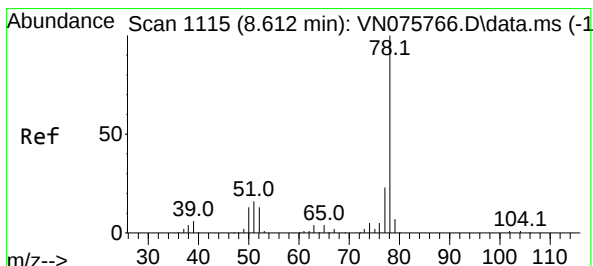
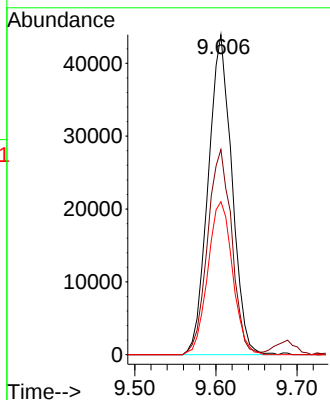
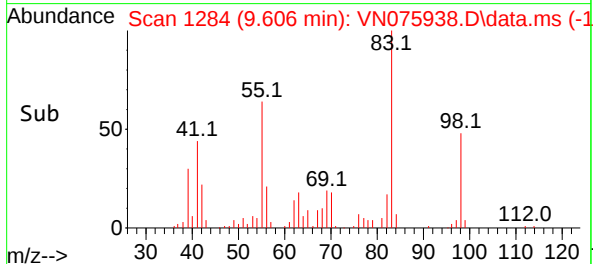
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



Tgt Ion: 83 Resp: 8902
Ion Ratio Lower Upper
83 100
55 64.1 51.4 77.0
98 47.8 39.8 59.8

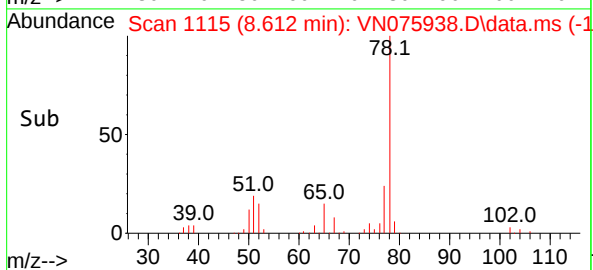
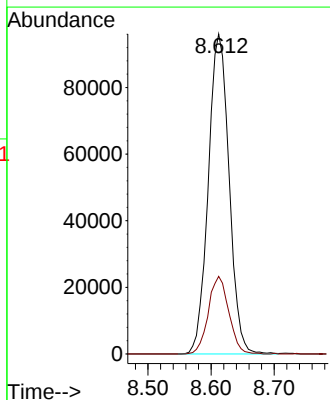
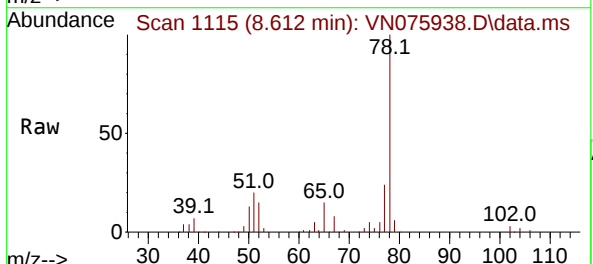
Manual Integrations
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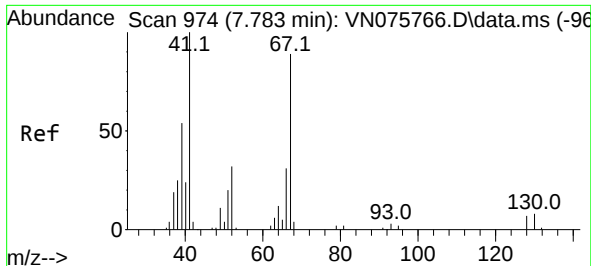
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#40
Benzene
Concen: 18.126 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

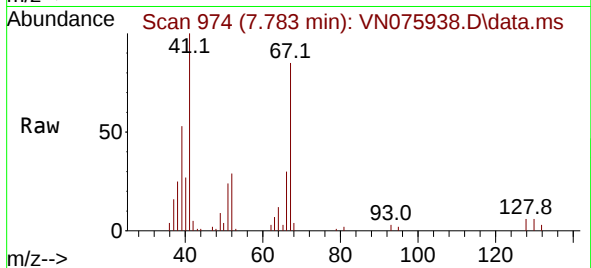
Tgt Ion: 78 Resp: 219592
Ion Ratio Lower Upper
78 100
77 24.3 18.5 27.7





#41
Methacrylonitrile
Concen: 19.147 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

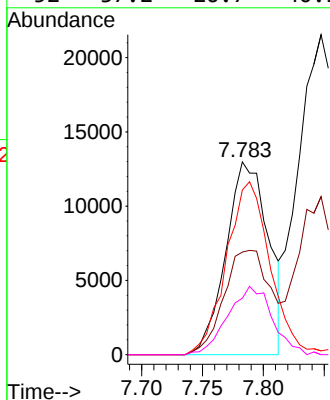
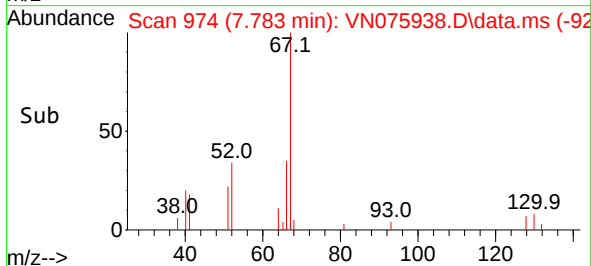
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



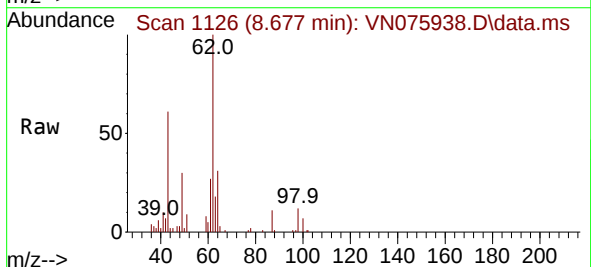
Tgt Ion: 41 Resp: 31389
Ion Ratio Lower Upper
41 100
39 58.5 43.1 64.7
67 93.0 70.7 106.1
52 37.2 26.7 40.1

Manual Integrations
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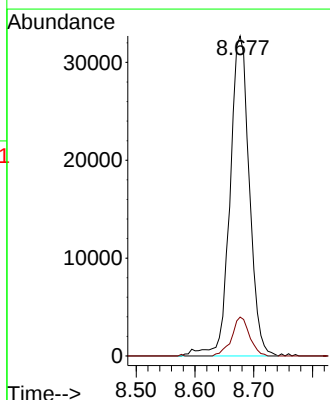
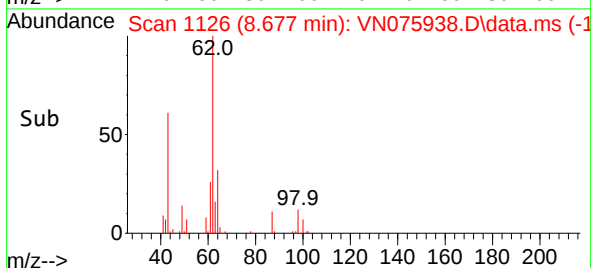
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

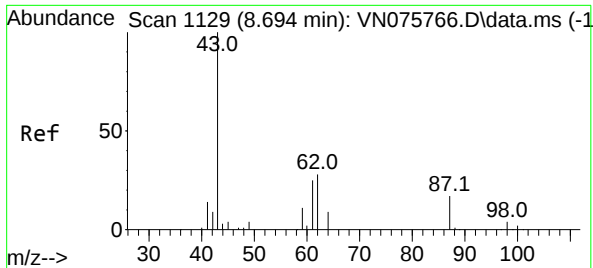


#42
1,2-Dichloroethane
Concen: 18.627 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17



Tgt Ion: 62 Resp: 75021
Ion Ratio Lower Upper
62 100
98 11.2 0.0 20.8





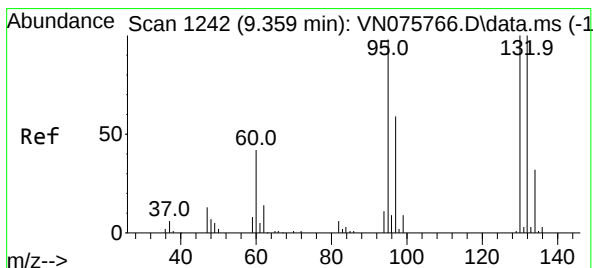
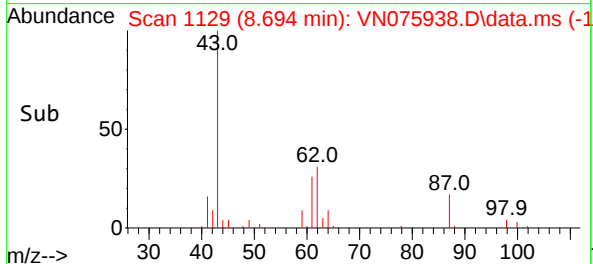
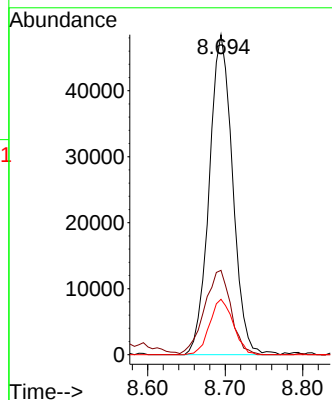
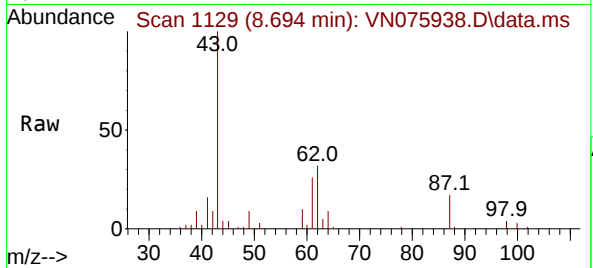
#43
Isopropyl Acetate
Concen: 19.538 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion: 43 Resp: 101652
Ion Ratio Lower Upper
43 100
61 29.8 24.2 36.4
87 17.4 13.3 19.9

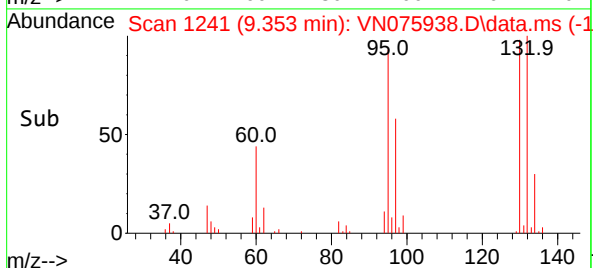
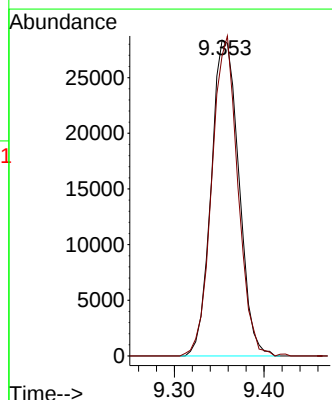
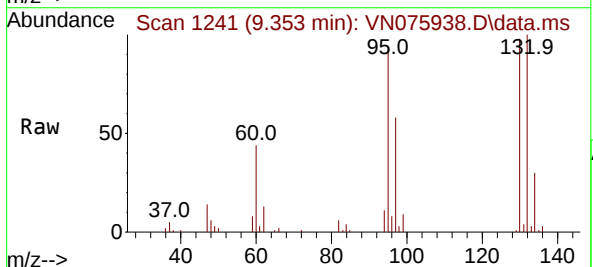
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#44
Trichloroethene
Concen: 17.788 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion:130 Resp: 60711
Ion Ratio Lower Upper
130 100
95 95.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.413 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBS01

Tgt Ion: 63 Resp: 5428

Ion Ratio Lower Upper

63 100

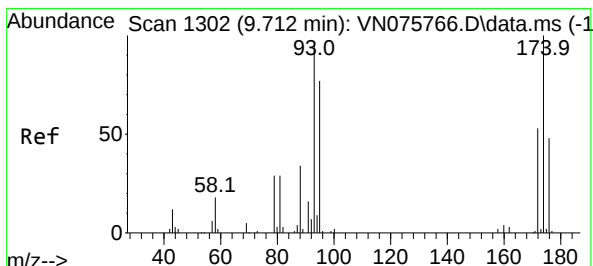
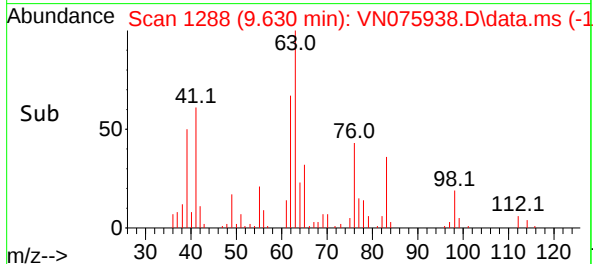
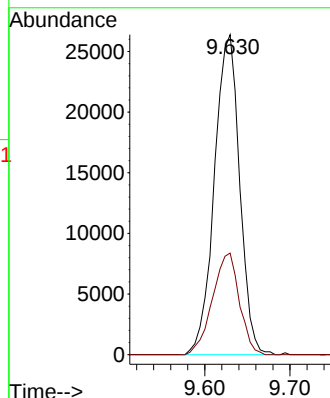
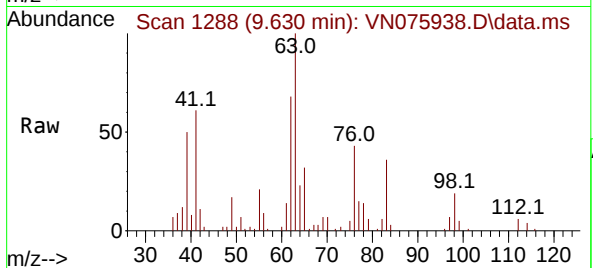
65 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#46

Dibromomethane

Concen: 18.508 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

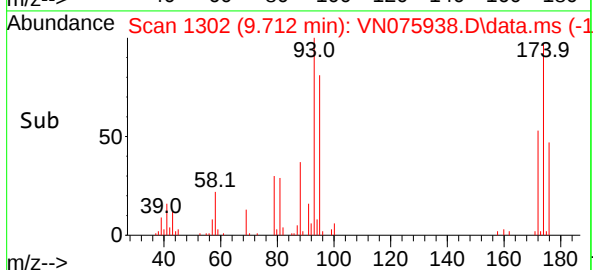
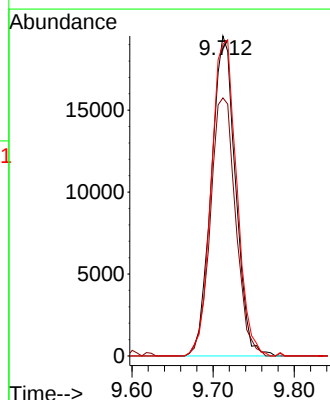
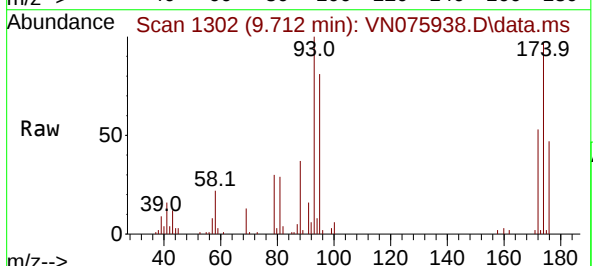
Tgt Ion: 93 Resp: 40469

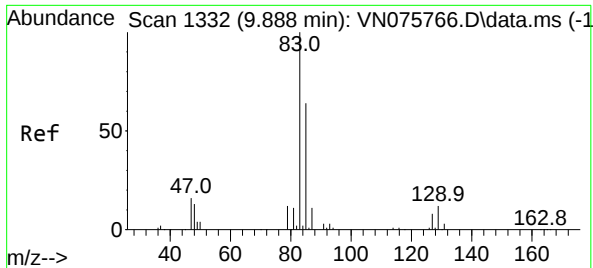
Ion Ratio Lower Upper

93 100

95 83.9 65.2 97.8

174 103.2 82.4 123.6





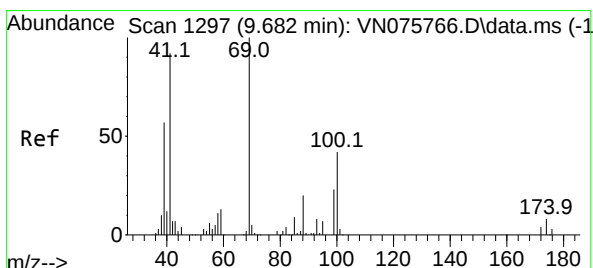
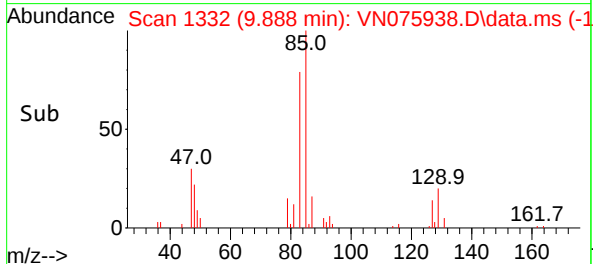
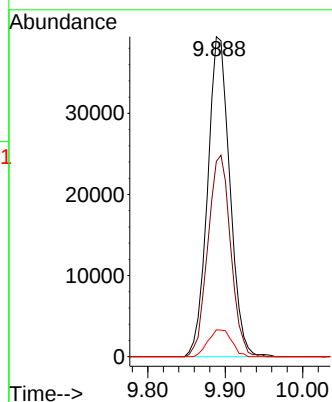
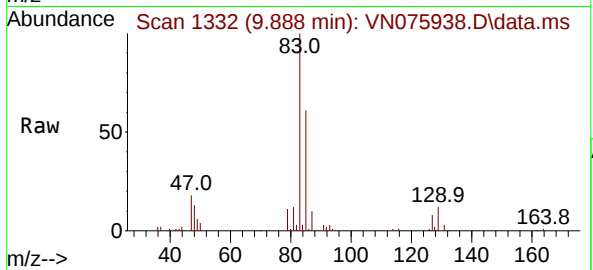
#47
Bromodichloromethane
Concen: 18.365 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion: 83 Resp: 78748
Ion Ratio Lower Upper
83 100
85 61.0 51.5 77.3
127 8.4 6.6 10.0

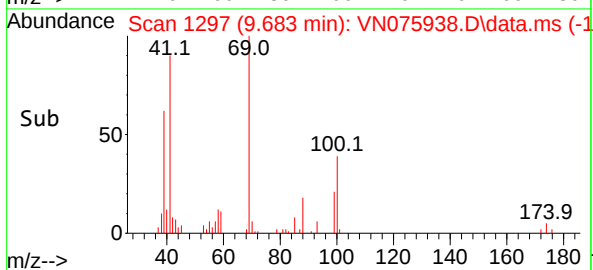
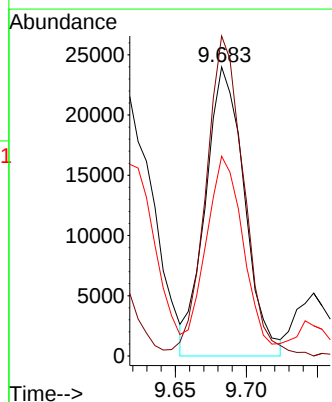
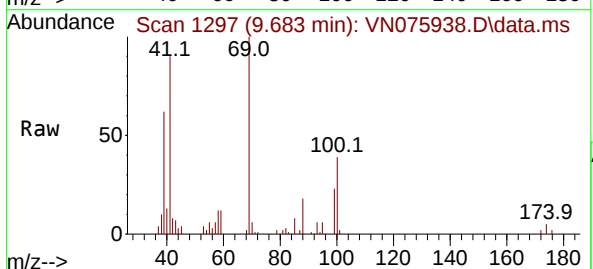
Manual Integrations
APPROVED

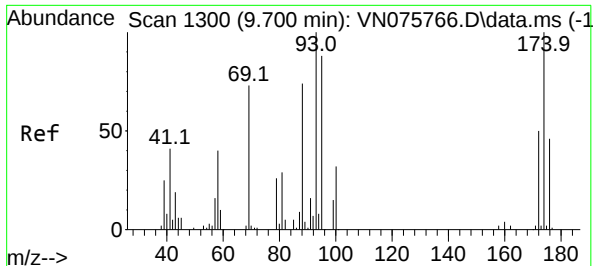
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#48
Methyl methacrylate
Concen: 19.575 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 41 Resp: 45870
Ion Ratio Lower Upper
41 100
69 107.3 81.9 122.9
39 68.2 51.6 77.4





#49

1,4-Dioxane

Concen: 400.574 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBS01

Tgt Ion: 88 Resp: 23070

Ion Ratio Lower Upper

88 100

43 25.3 17.1 25.7

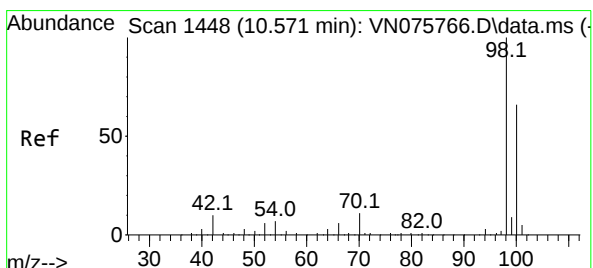
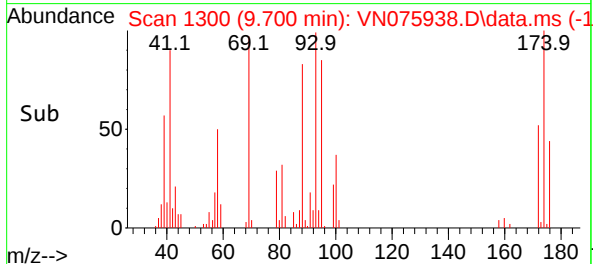
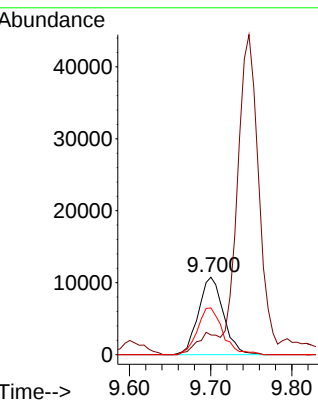
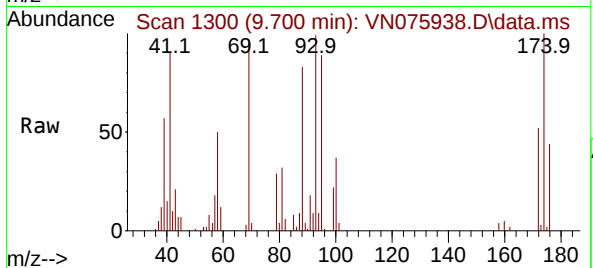
58 61.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#50

Toluene-d8

Concen: 52.245 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075938.D

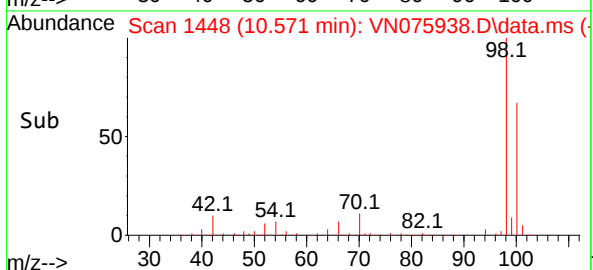
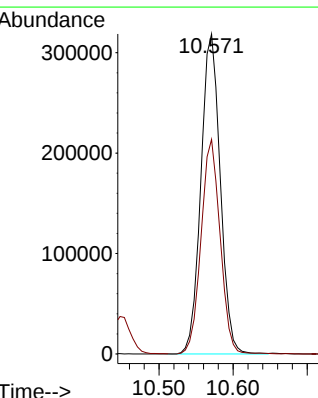
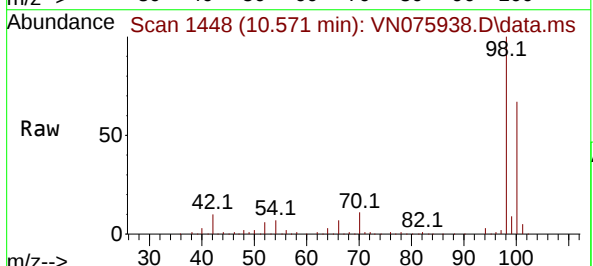
Acq: 22 Dec 2022 12:17

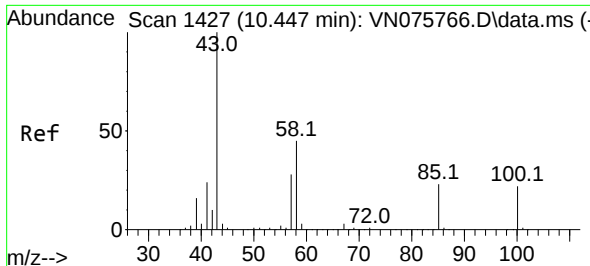
Tgt Ion: 98 Resp: 577391

Ion Ratio Lower Upper

98 100

100 66.0 52.1 78.1





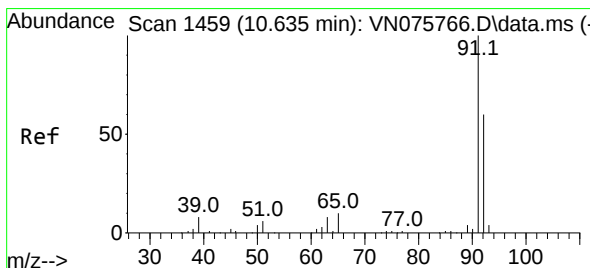
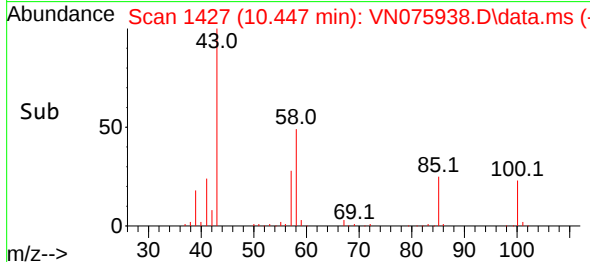
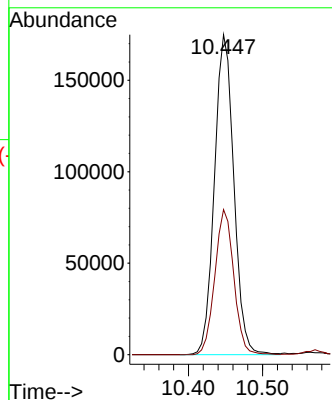
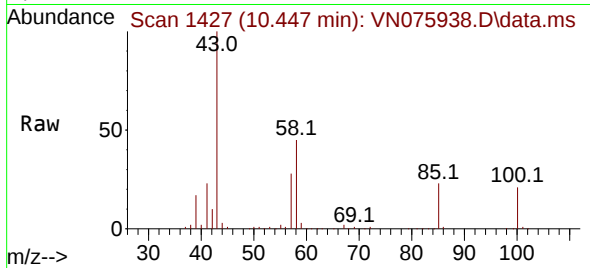
#51
4-Methyl-2-Pentanone
Concen: 101.066 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion: 43 Resp: 31799
Ion Ratio Lower Upper
43 100
58 44.4 35.5 53.3

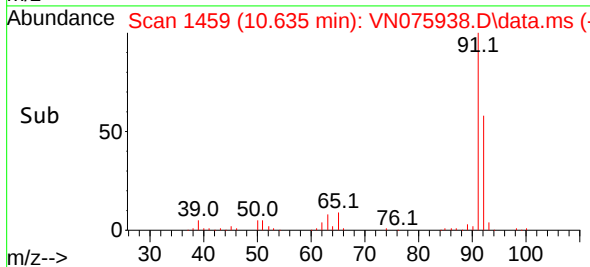
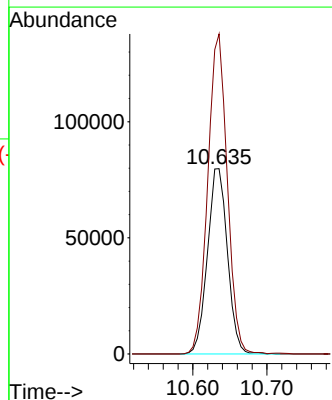
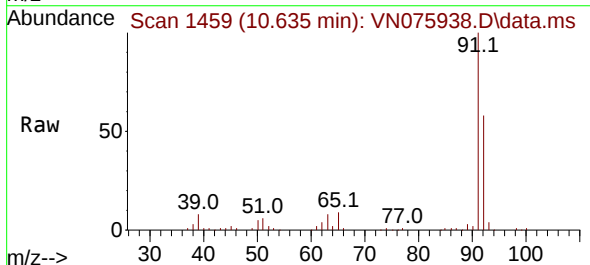
Manual Integrations
APPROVED

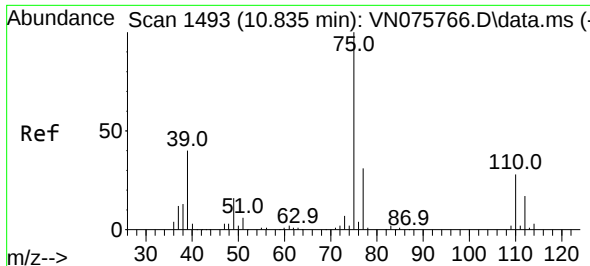
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#52
Toluene
Concen: 18.962 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

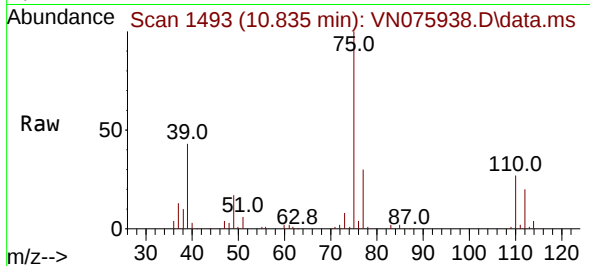
Tgt Ion: 92 Resp: 149611
Ion Ratio Lower Upper
92 100
91 168.4 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 18.320 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075938.D
 Acq: 22 Dec 2022 12:17

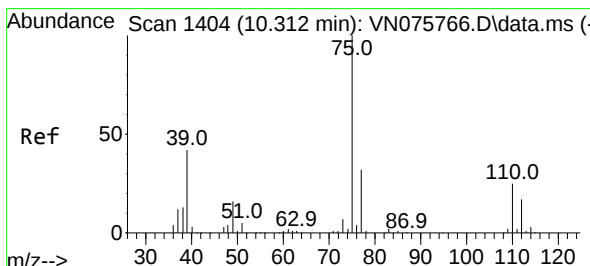
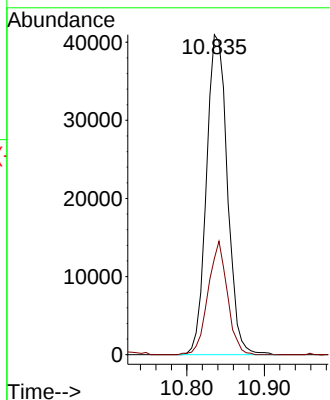
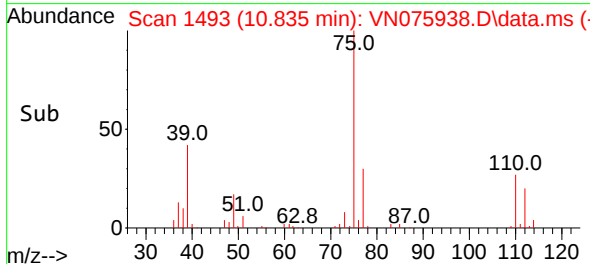
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBS01



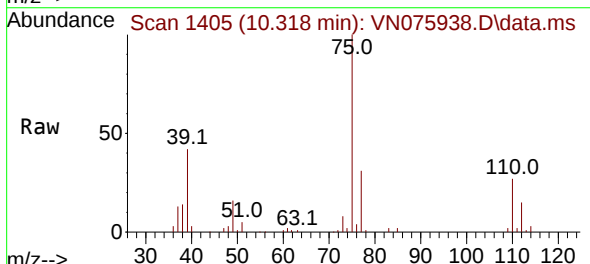
Tgt Ion: 75 Resp: 7689
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.9 37.3

Manual Integrations
 APPROVED

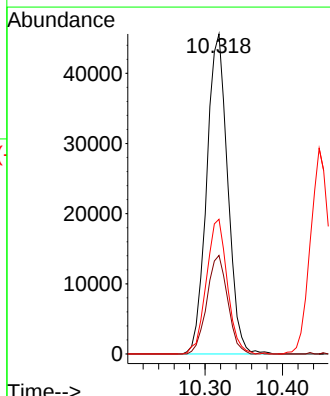
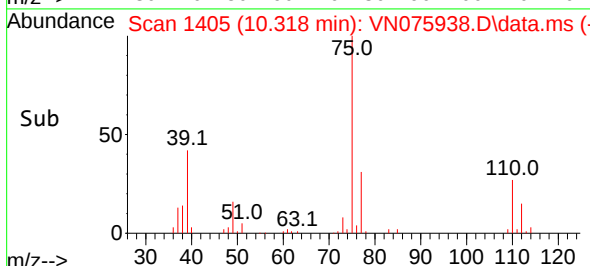
Reviewed By :John Carlone 12/27/2022
 Supervised By :Mahesh Dadoda 12/27/2022

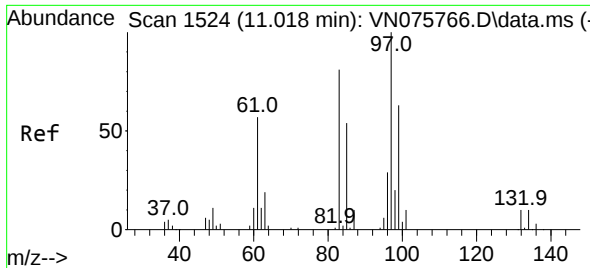


#54
 cis-1,3-Dichloropropene
 Concen: 18.645 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075938.D
 Acq: 22 Dec 2022 12:17



Tgt Ion: 75 Resp: 85927
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.8
 39 42.1 33.4 50.2





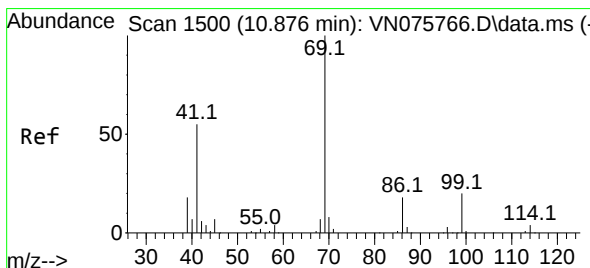
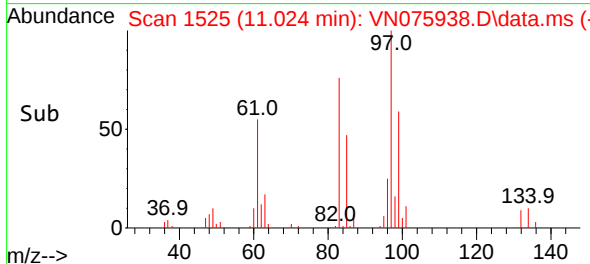
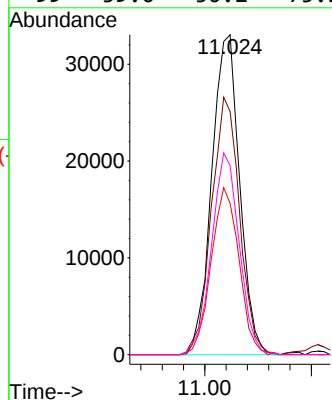
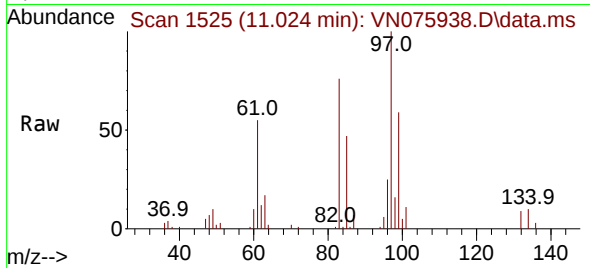
#55
1,1,2-Trichloroethane
Concen: 19.357 ug/l
RT: 11.024 min Scan# 11024
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion: 97	Resp: 5994
Ion Ratio	Lower Upper
97 100	
83 75.9	65.0 97.4
85 47.3	43.0 64.6
99 59.0	50.2 75.2

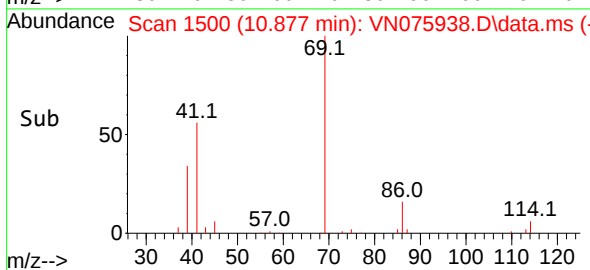
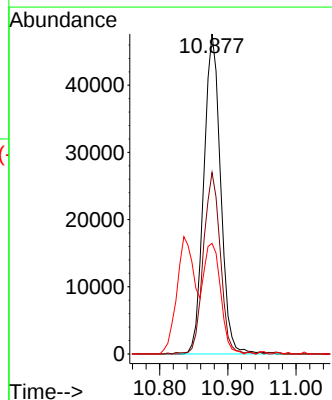
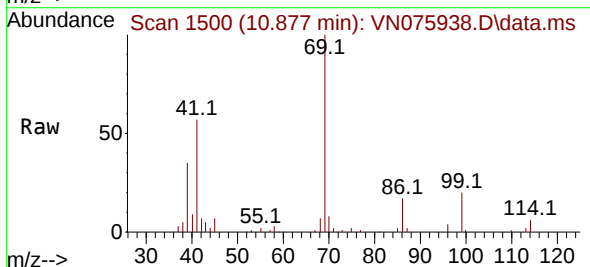
Manual Integrations
APPROVED

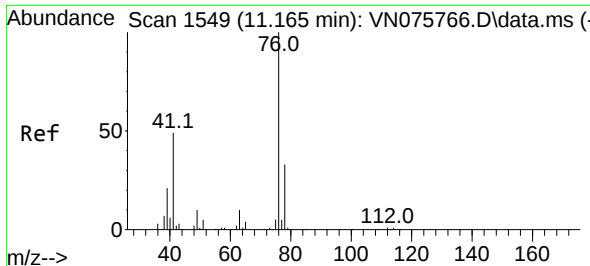
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#56
Ethyl methacrylate
Concen: 19.887 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

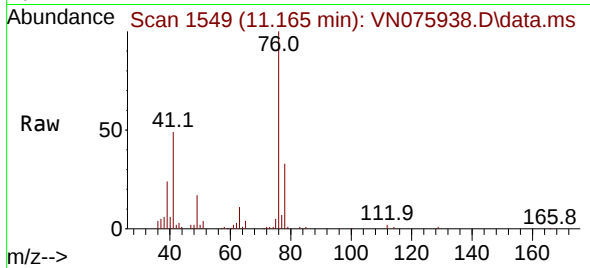
Tgt Ion: 69	Resp: 81804
Ion Ratio	Lower Upper
69 100	
41 56.8	44.2 66.4
39 33.8	26.4 39.6





#57
1,3-Dichloropropane
Concen: 18.698 ug/l
RT: 11.165 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

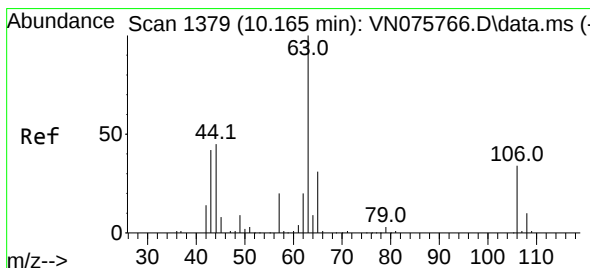
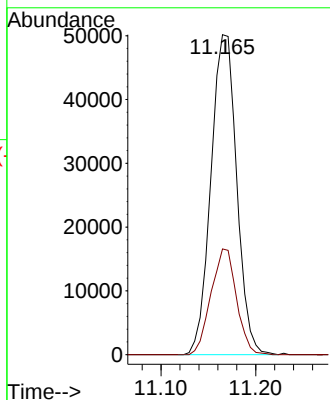
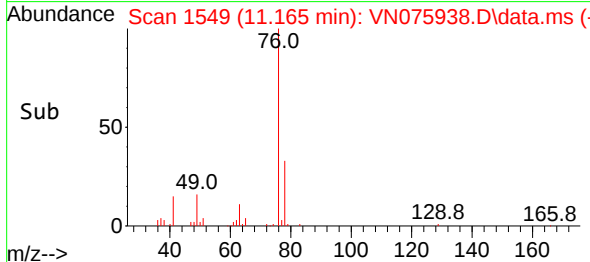
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



Tgt Ion: 76 Resp: 94984
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

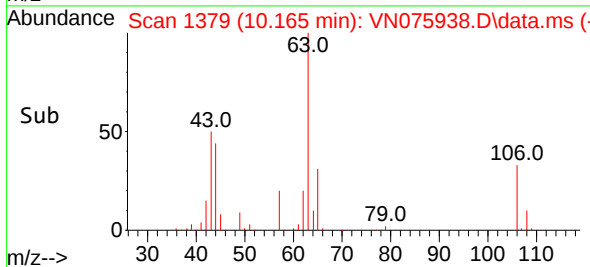
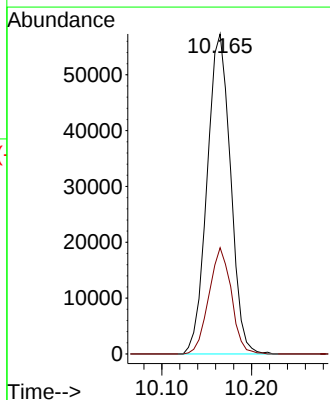
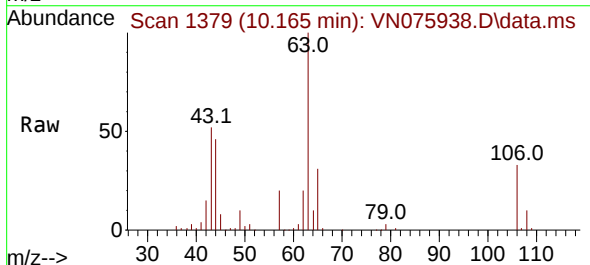
Manual Integrations
APPROVED

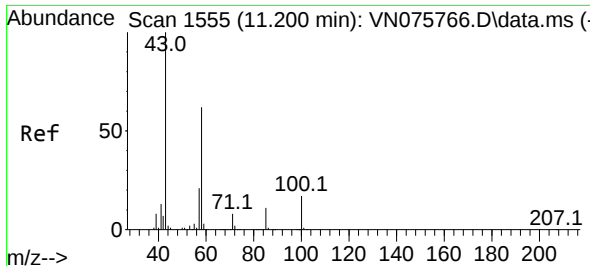
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#58
2-Chloroethyl Vinyl ether
Concen: 79.329 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

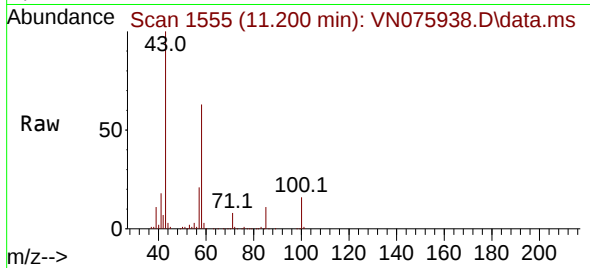
Tgt Ion: 63 Resp: 103894
Ion Ratio Lower Upper
63 100
106 31.8 26.4 39.6





#59
2-Hexanone
Concen: 102.386 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

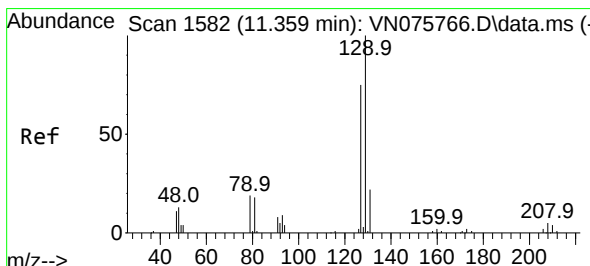
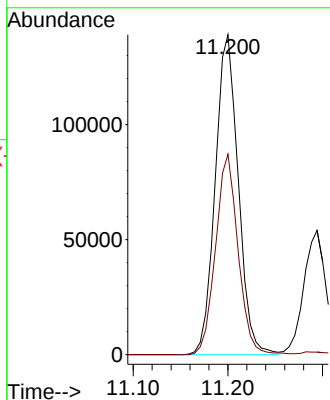
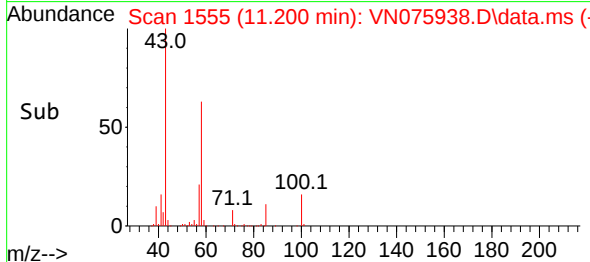
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



Tgt Ion: 43 Resp: 23493
Ion Ratio Lower Upper
43 100
58 61.3 30.6 92.0

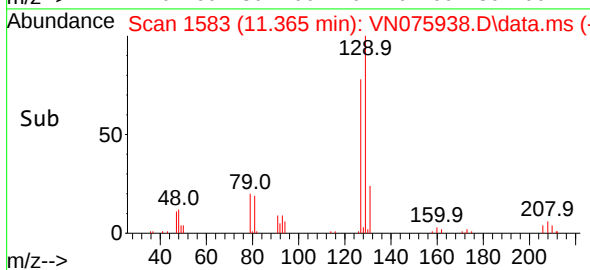
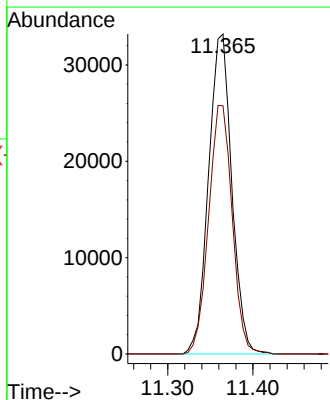
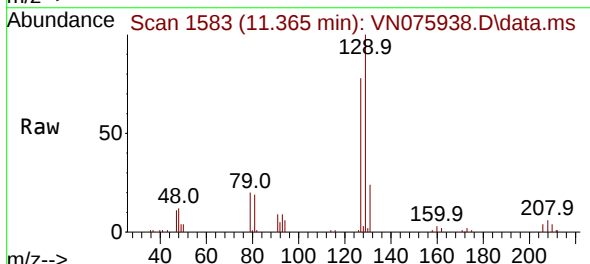
Manual Integrations
APPROVED

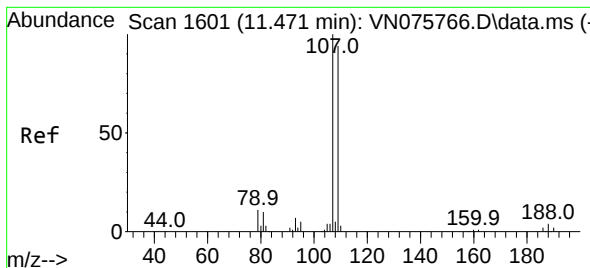
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#60
Dibromochloromethane
Concen: 18.279 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

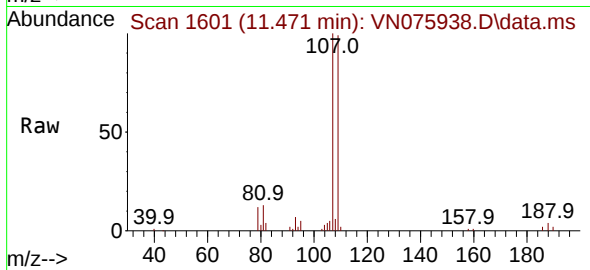
Tgt Ion:129 Resp: 62954
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9





#61
1,2-Dibromoethane
Concen: 18.533 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

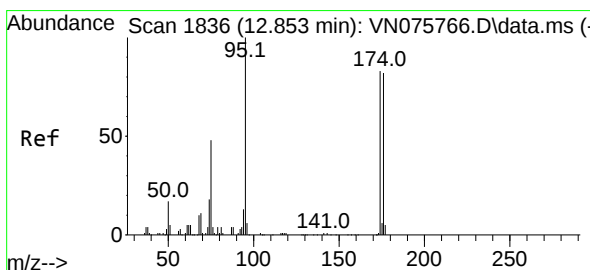
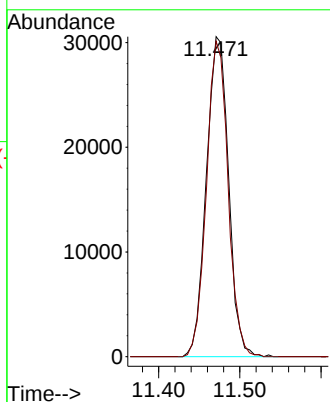
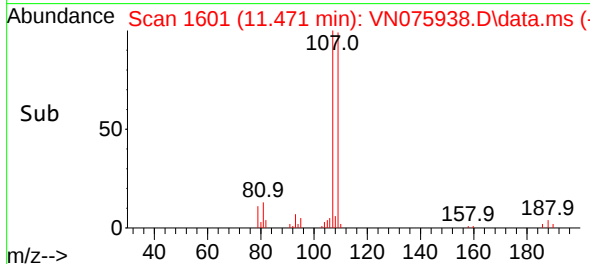
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



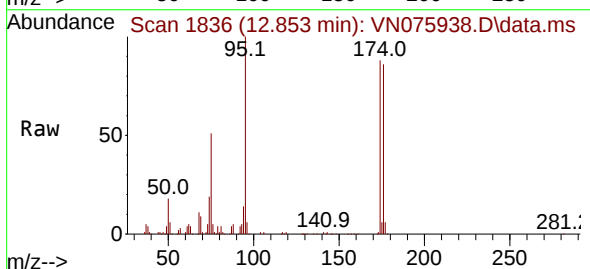
Tgt Ion:107 Resp: 58080
Ion Ratio Lower Upper
107 100
109 95.8 74.8 112.2

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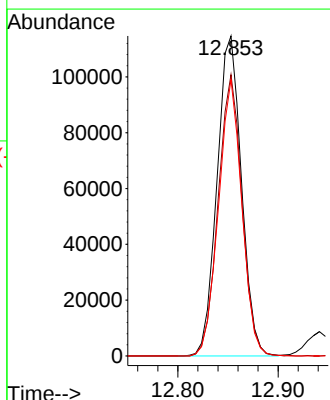
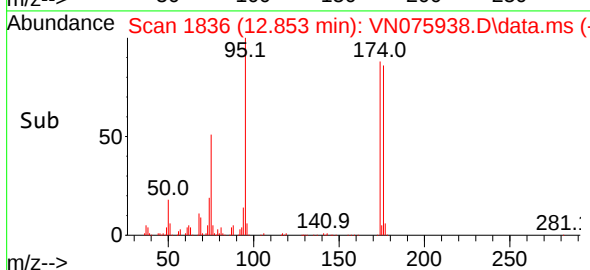
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

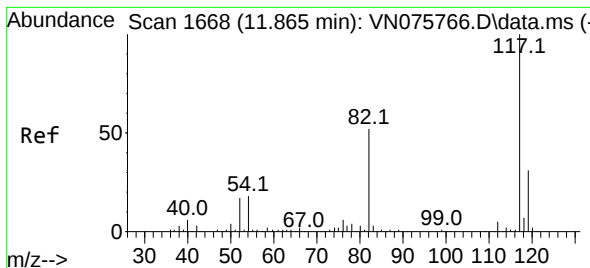


#62
4-Bromofluorobenzene
Concen: 52.921 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17



Tgt Ion: 95 Resp: 193711
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.6
176 82.6 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBS01

Tgt Ion:117 Resp: 41964

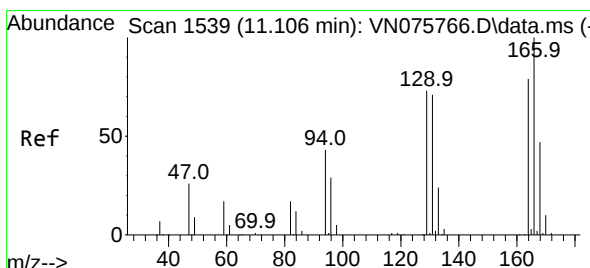
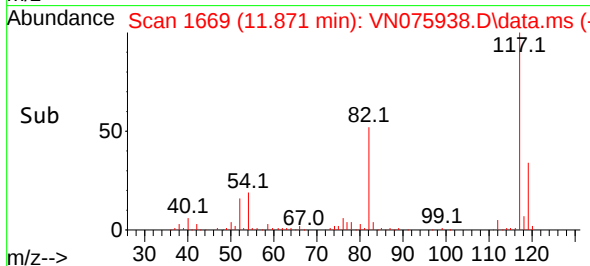
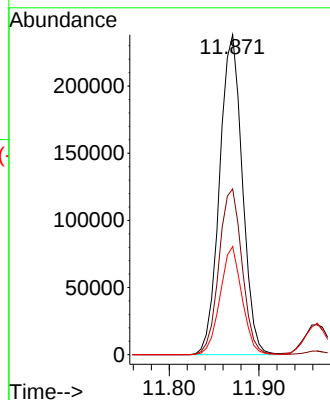
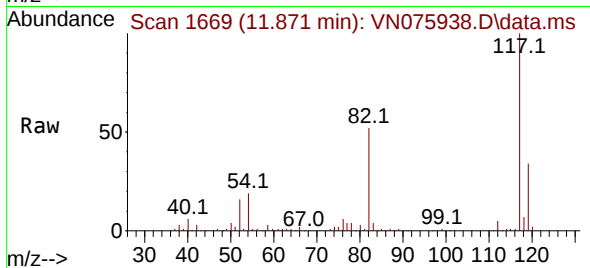
Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.3	61.9
119	33.8	24.6	37.0

Manual Integrations

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Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#64

Tetrachloroethene

Concen: 19.101 ug/l

RT: 11.106 min Scan# 1539

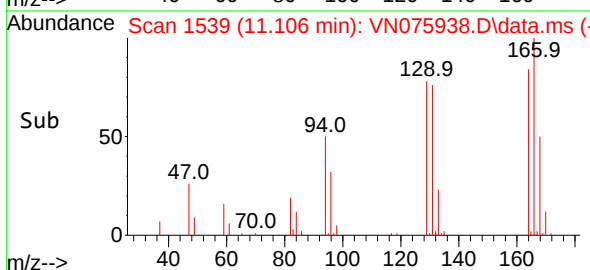
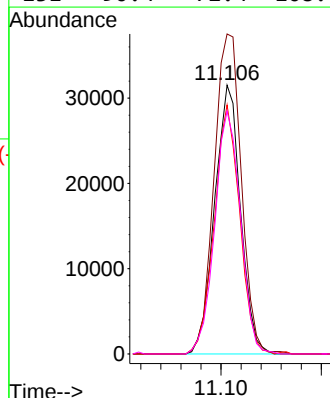
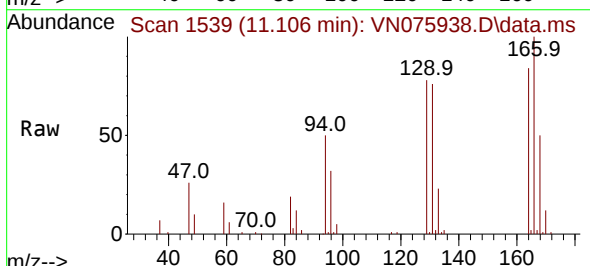
Delta R.T. 0.000 min

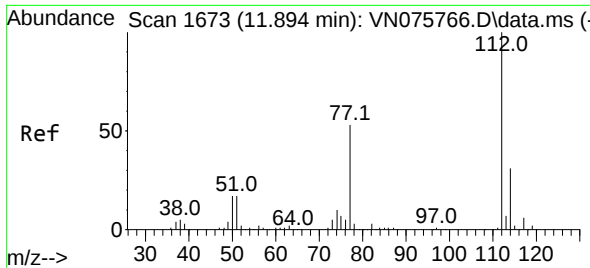
Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Tgt Ion:164 Resp: 56403

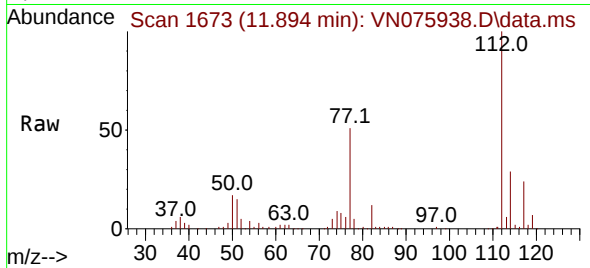
Ion	Ratio	Lower	Upper
164	100		
166	119.1	101.9	152.9
129	92.6	74.2	111.2
131	90.4	72.4	108.6





#65
Chlorobenzene
Concen: 18.712 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

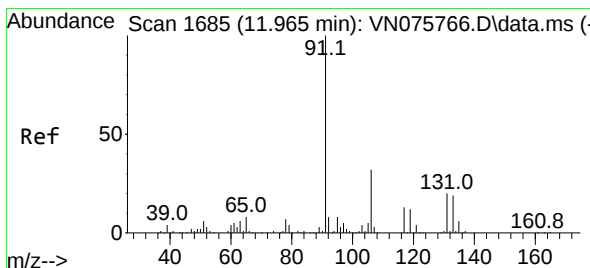
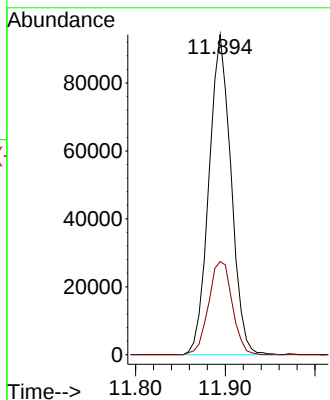
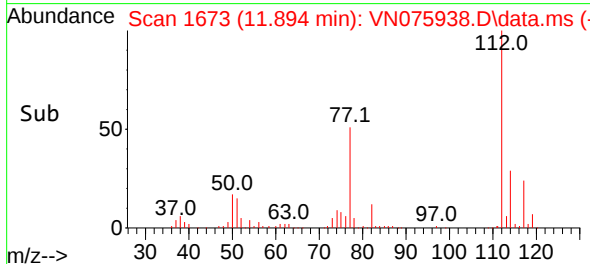
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



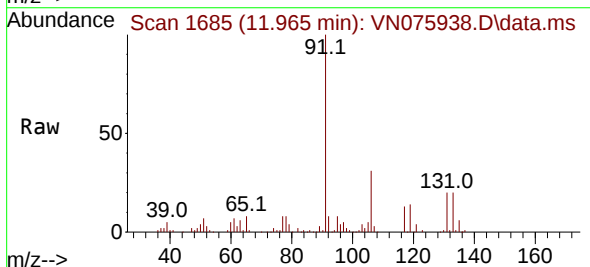
Tgt Ion:112 Resp: 161160
Ion Ratio Lower Upper
112 100
114 29.1 24.7 37.1

Manual Integrations
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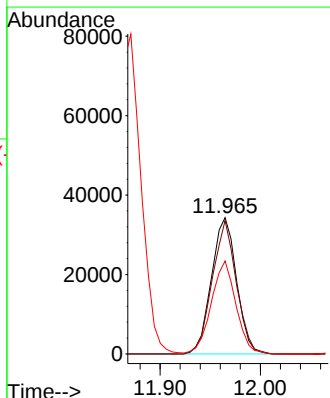
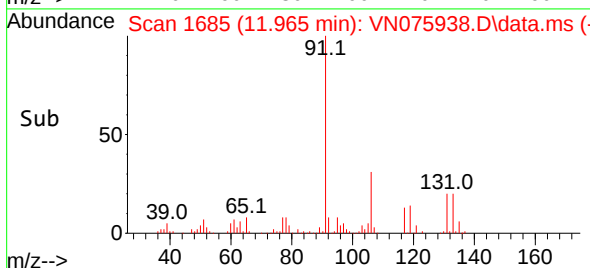
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

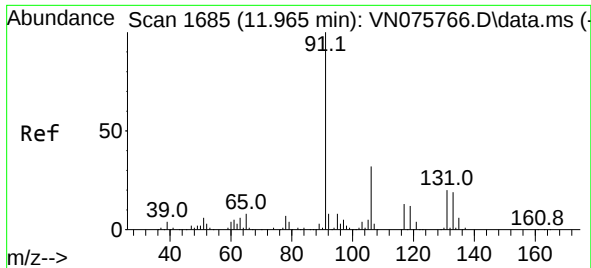


#66
1,1,1,2-Tetrachloroethane
Concen: 18.697 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17



Tgt Ion:131 Resp: 59649
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.5
119 66.9 31.9 95.7





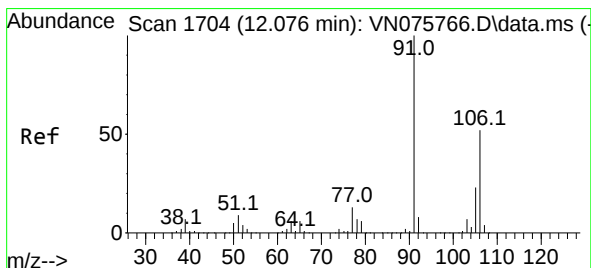
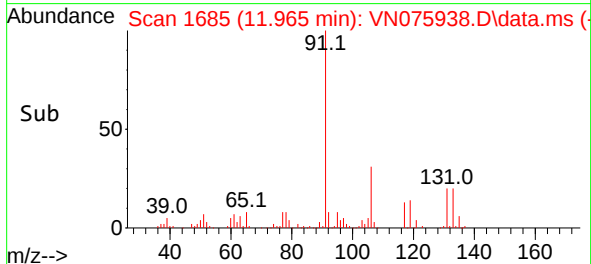
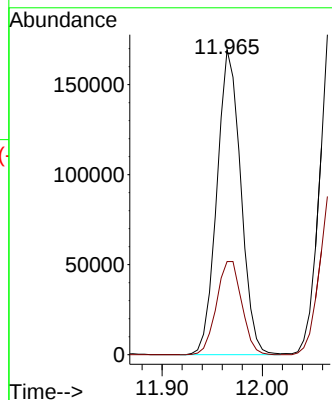
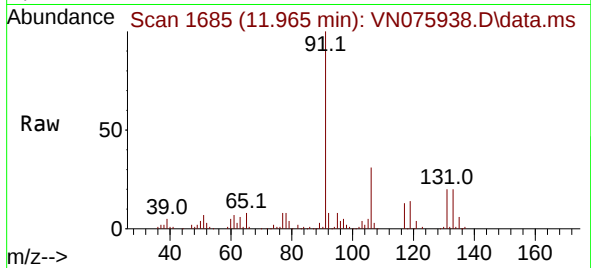
#67
Ethyl Benzene
Concen: 19.259 ug/l
RT: 11.965 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion: 91 Resp: 27996
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

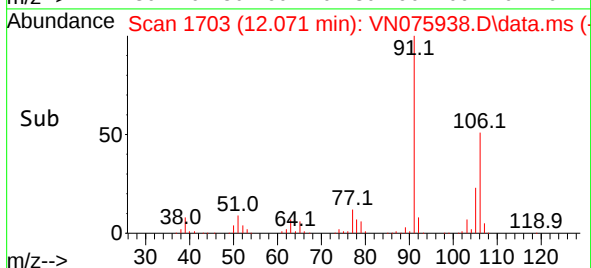
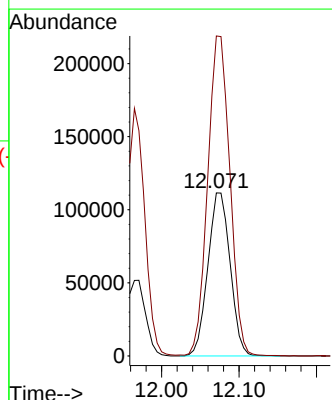
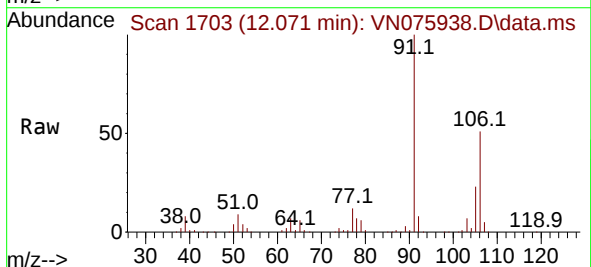
Manual Integrations
APPROVED

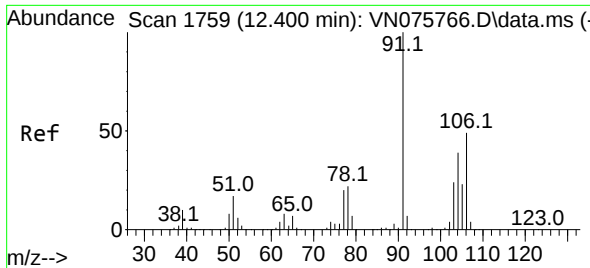
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#68
m/p-Xylenes
Concen: 38.700 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion:106 Resp: 222665
Ion Ratio Lower Upper
106 100
91 196.3 156.6 235.0





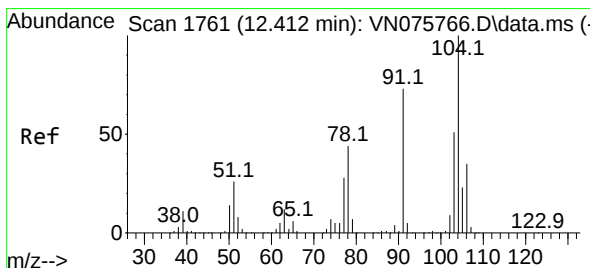
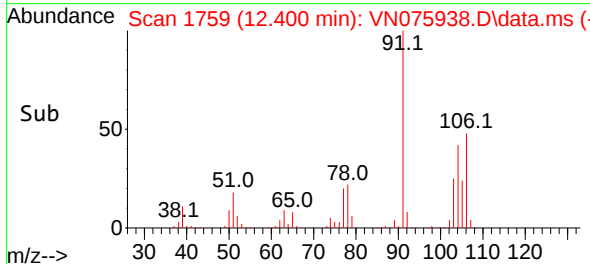
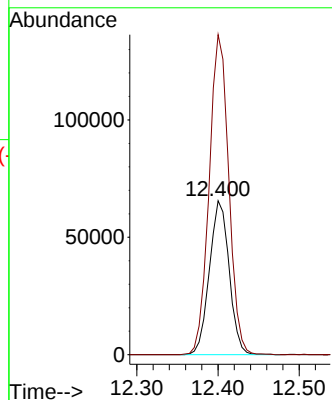
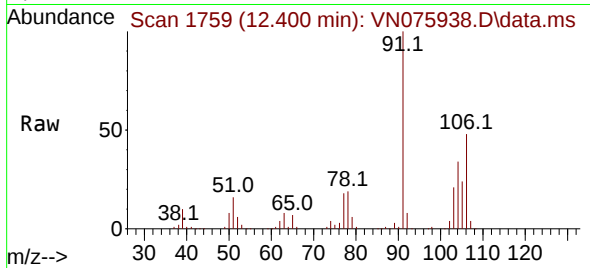
#69
o-Xylene
Concen: 19.459 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion:106 Resp: 110794
Ion Ratio Lower Upper
106 100
91 206.3 103.8 311.6

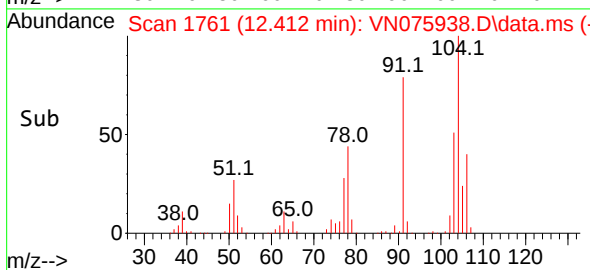
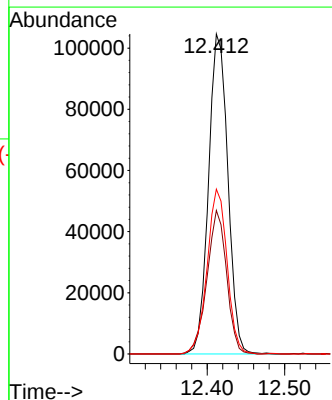
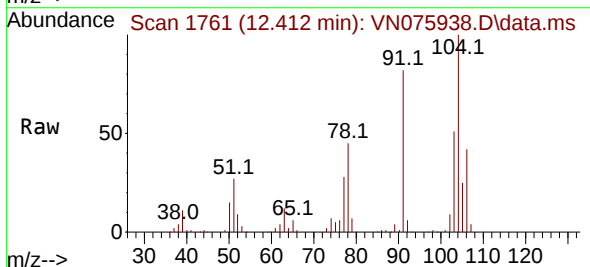
Manual Integrations
APPROVED

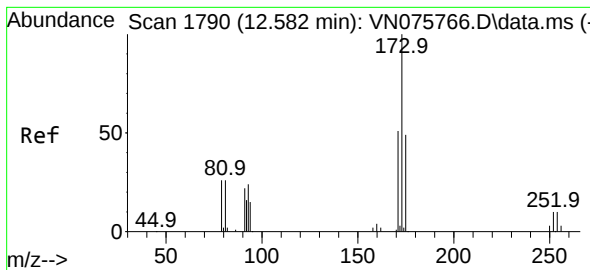
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#70
Styrene
Concen: 20.011 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion:104 Resp: 181166
Ion Ratio Lower Upper
104 100
78 45.6 37.5 56.3
103 53.2 43.5 65.3





#71

Bromoform

Concen: 19.526 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBS01

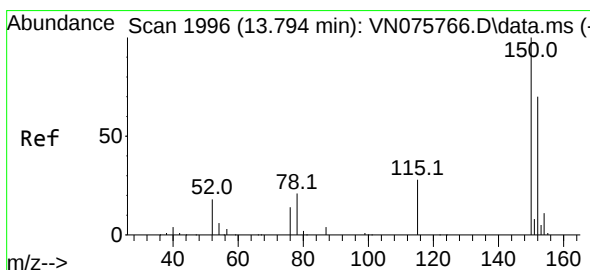
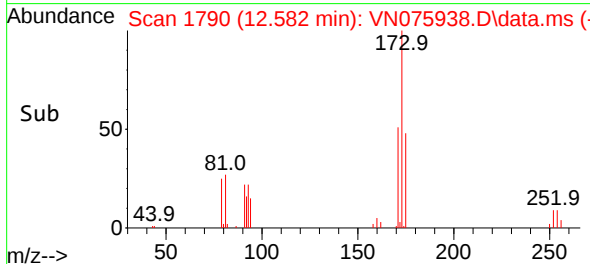
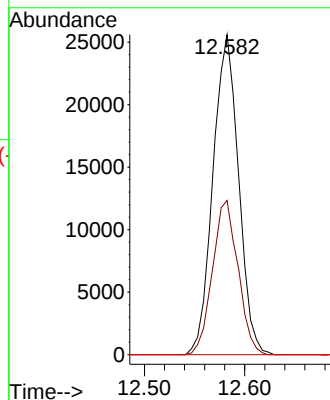
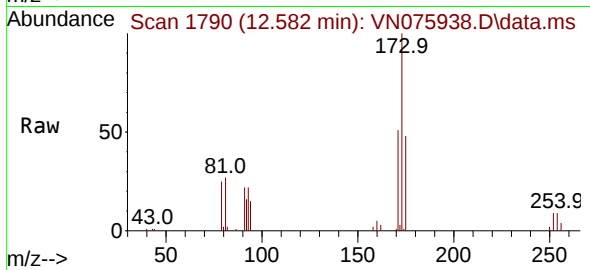
Tgt Ion:173 Resp: 45328
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.3 72.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

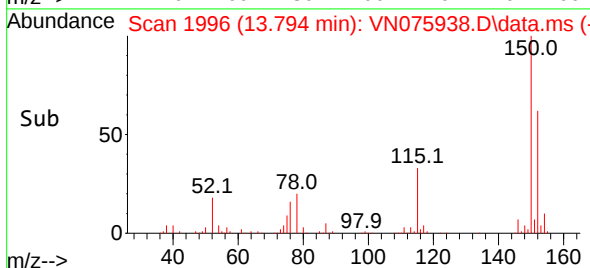
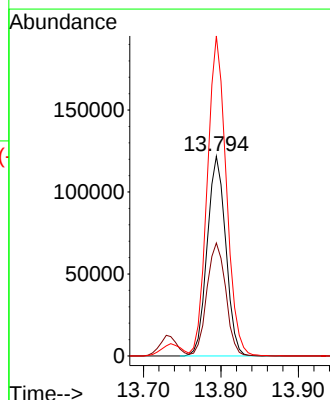
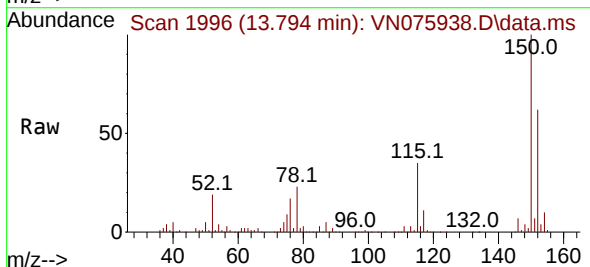
RT: 13.794 min Scan# 1996

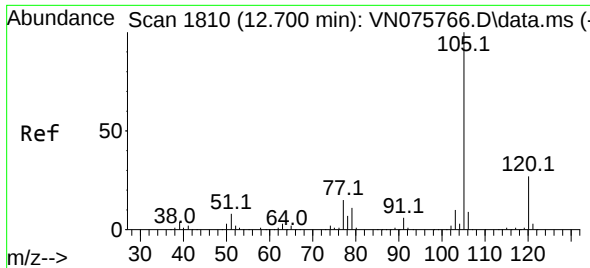
Delta R.T. 0.000 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

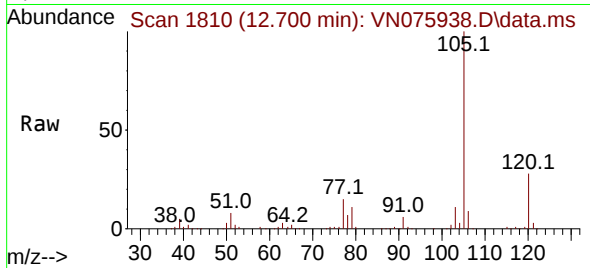
Tgt Ion:152 Resp: 202345
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.1 87.4
 150 163.9 0.0 347.0





#73
Isopropylbenzene
Concen: 19.626 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

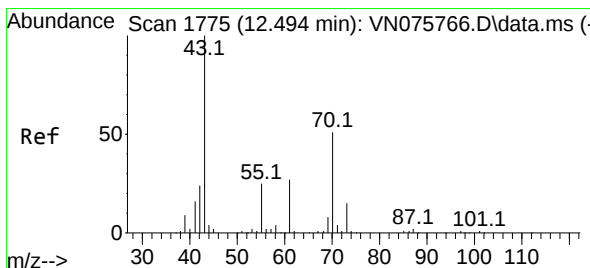
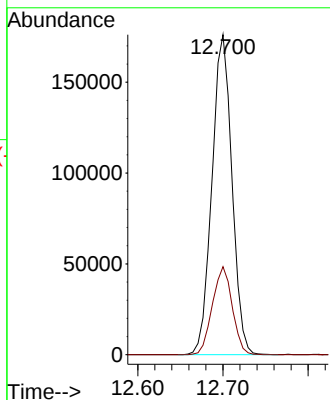
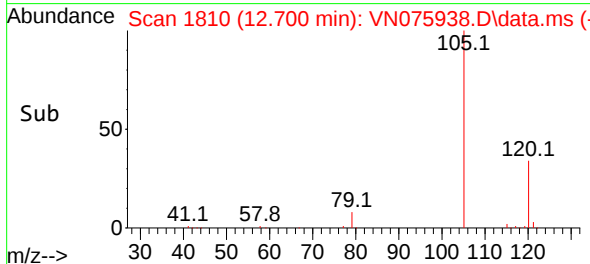
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



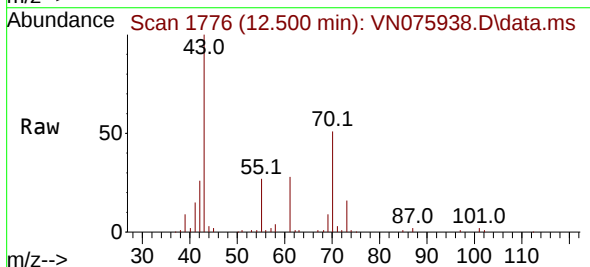
Tgt Ion:105 Resp: 286980
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

Manual Integrations
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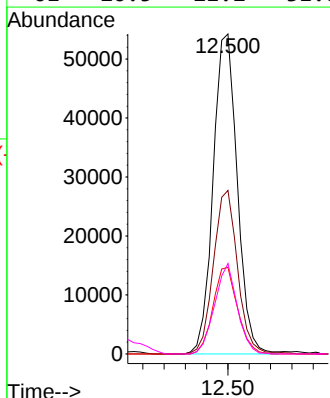
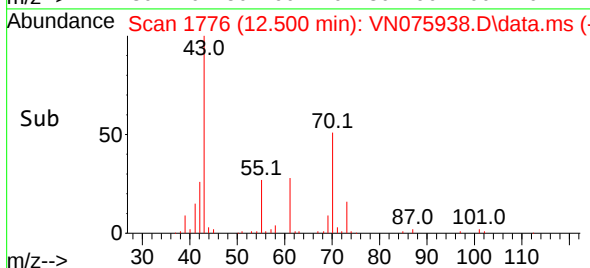
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

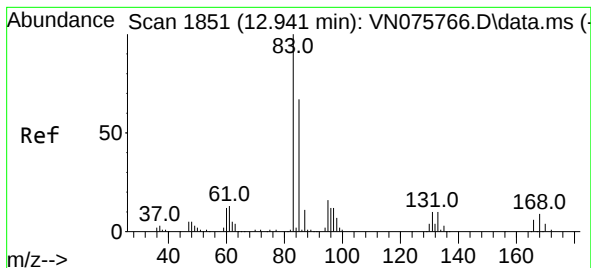


#74
N-ethyl acetate
Concen: 19.860 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17



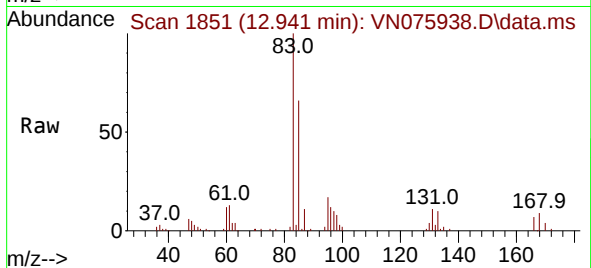
Tgt Ion: 43 Resp: 85193
Ion Ratio Lower Upper
43 100
70 51.3 41.4 62.0
55 27.5 21.3 31.9
61 26.5 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.943 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

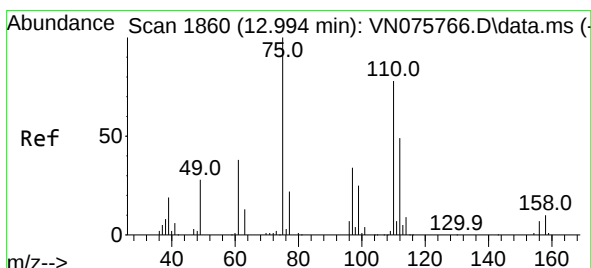
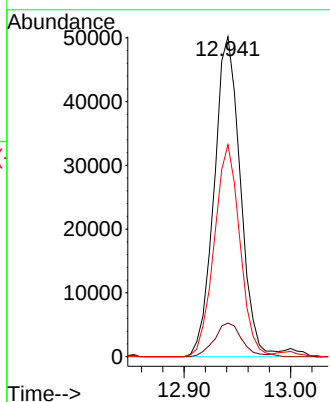
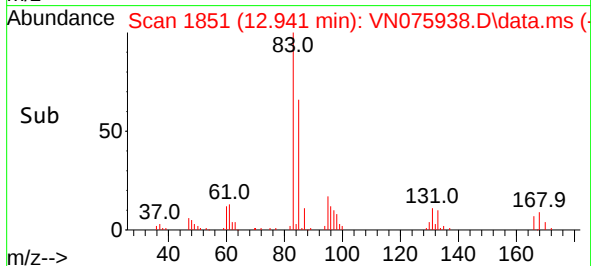
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



Tgt Ion: 83 Resp: 8562
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.7 32.6 98.0

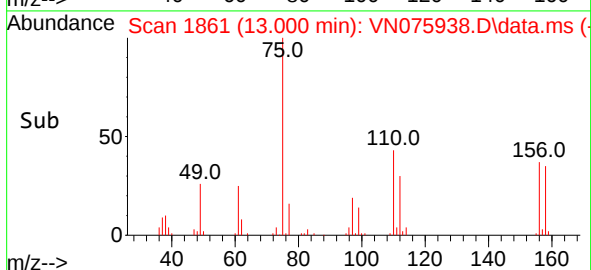
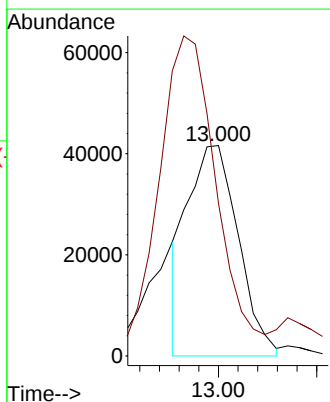
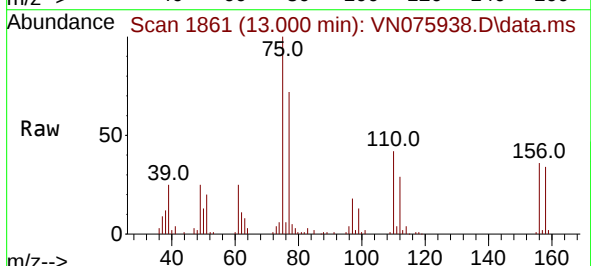
Manual Integrations
APPROVED

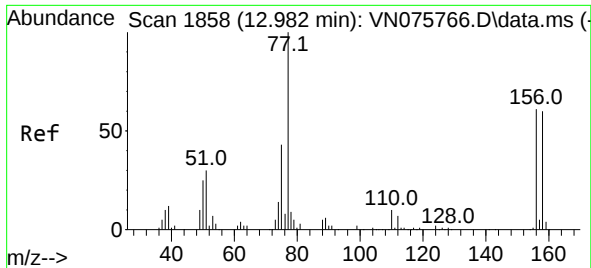
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#76
1,2,3-Trichloropropane
Concen: 18.366 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 75 Resp: 74911
Ion Ratio Lower Upper
75 100
77 172.6 82.6 247.8





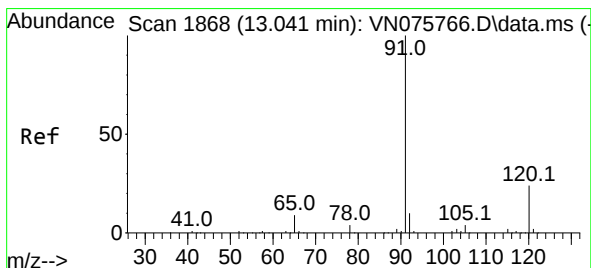
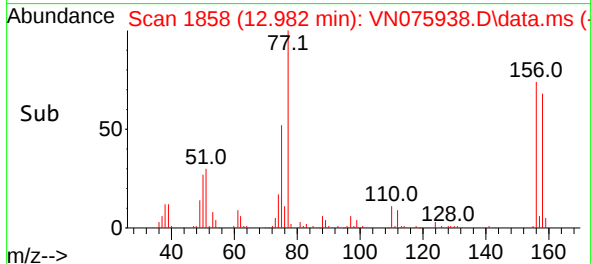
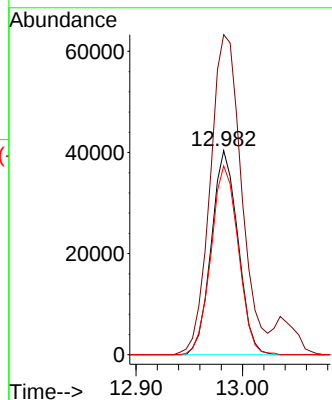
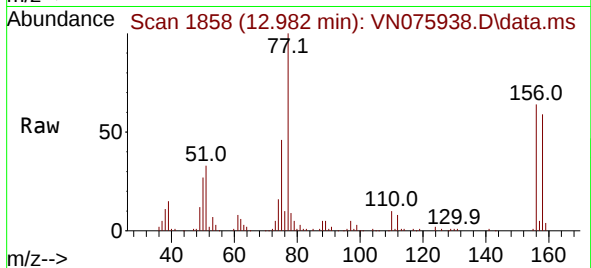
#77
Bromobenzene
Concen: 18.870 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion:156 Resp: 69829
Ion Ratio Lower Upper
156 100
77 185.2 93.8 281.3
158 95.1 48.9 146.6

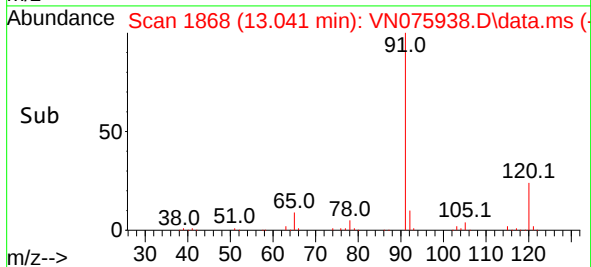
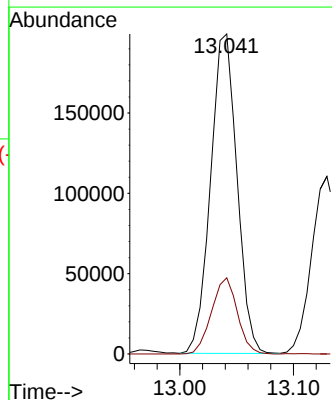
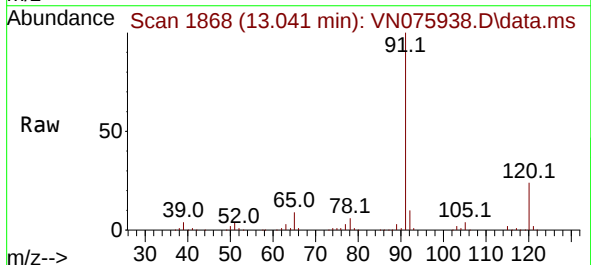
Manual Integrations
APPROVED

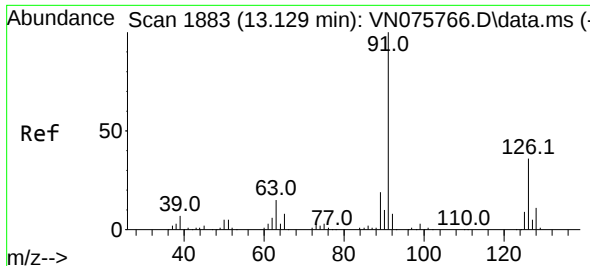
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#78
n-propylbenzene
Concen: 19.963 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion: 91 Resp: 321953
Ion Ratio Lower Upper
91 100
120 23.2 12.0 36.1





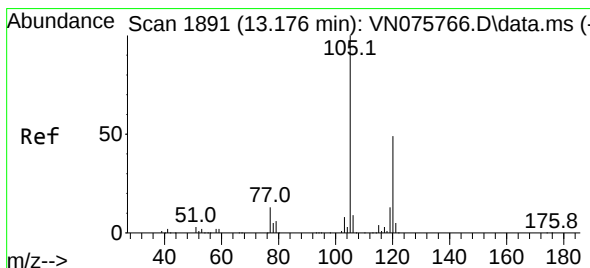
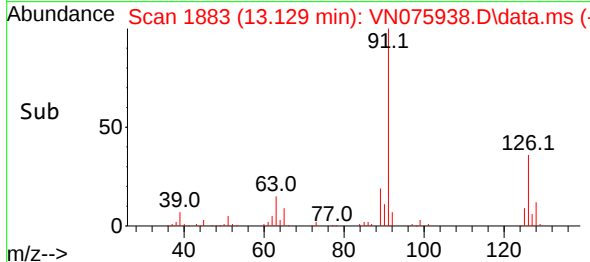
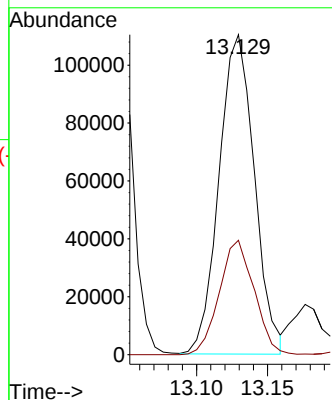
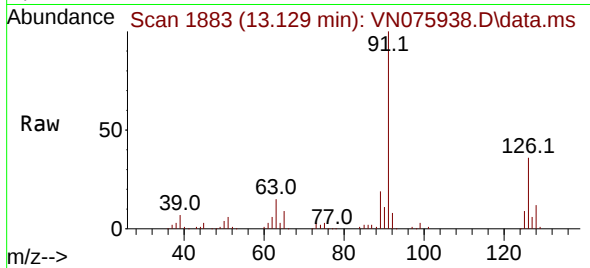
#79
2-Chlorotoluene
Concen: 18.973 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion: 91 Resp: 191004
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

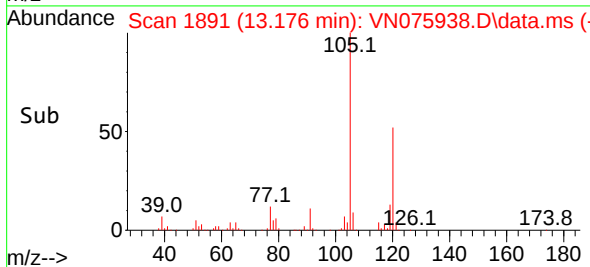
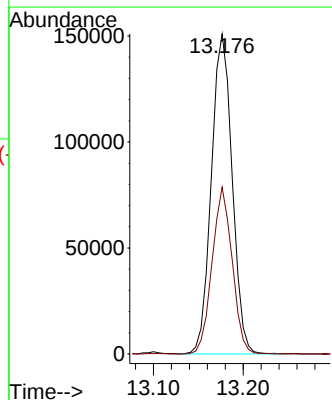
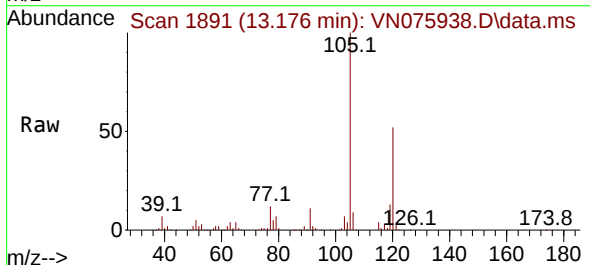
Manual Integrations
APPROVED

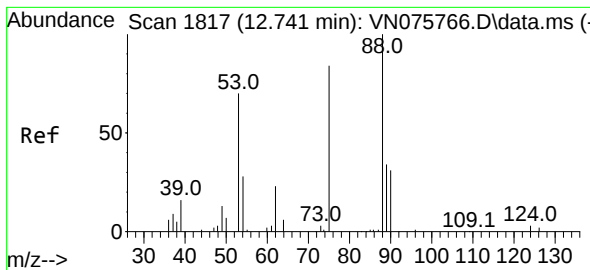
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.881 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

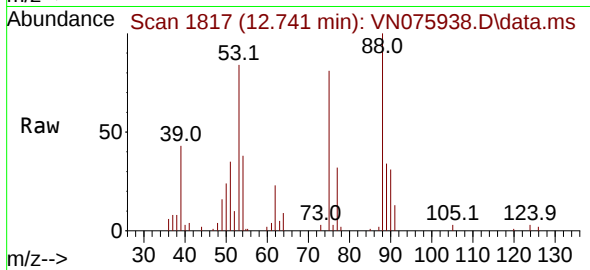
Tgt Ion:105 Resp: 243306
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.564 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

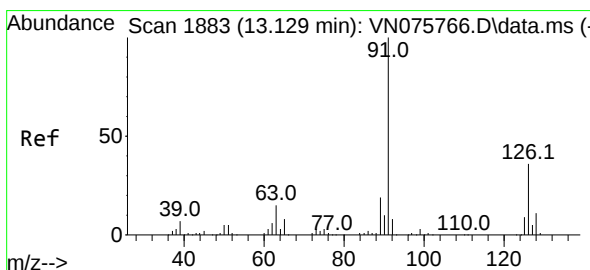
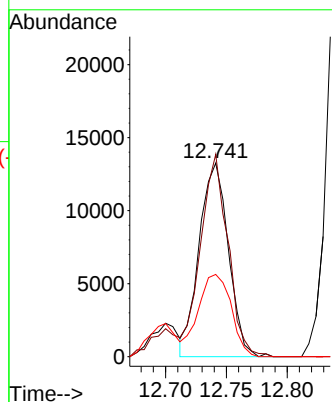
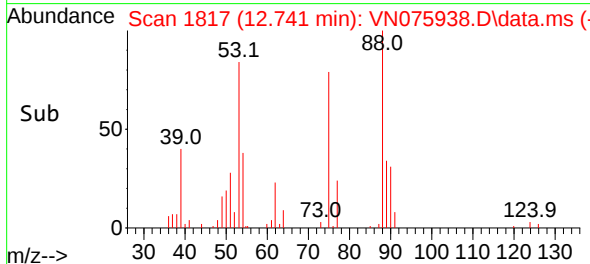
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



Tgt Ion: 75 Resp: 22169
Ion Ratio Lower Upper
75 100
53 98.2 73.8 110.6
89 47.9 39.5 59.3

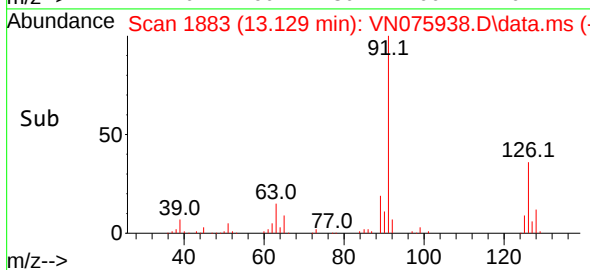
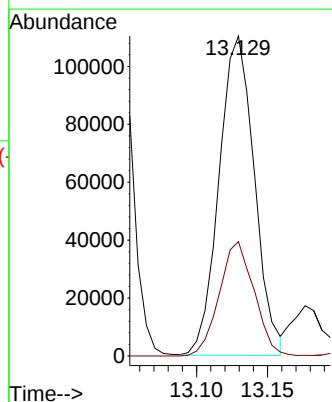
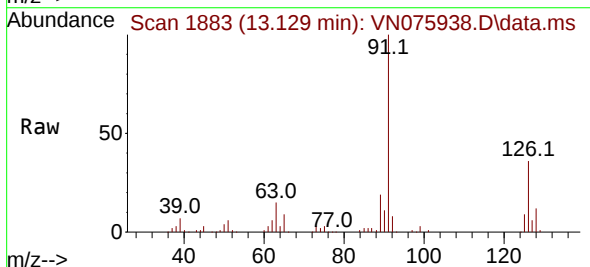
Manual Integrations
APPROVED

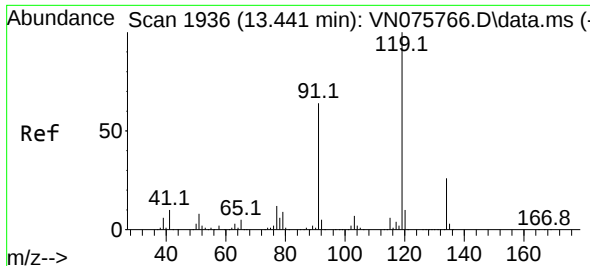
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#82
4-Chlorotoluene
Concen: 18.973 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

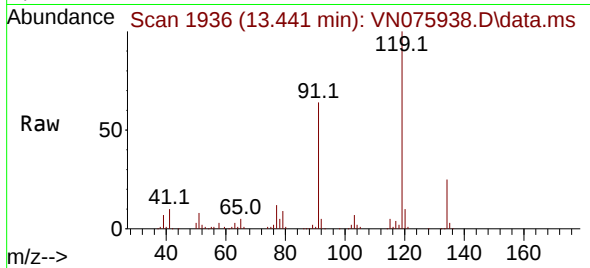
Tgt Ion: 91 Resp: 191004
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5





#83
tert-Butylbenzene
Concen: 20.681 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

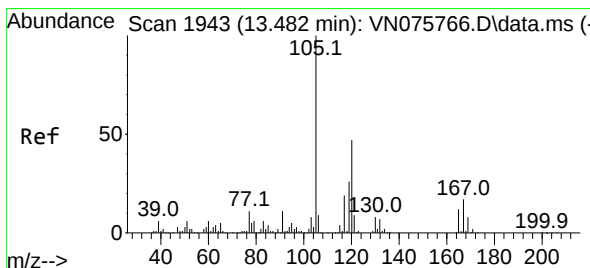
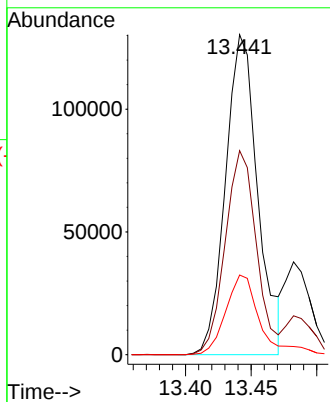
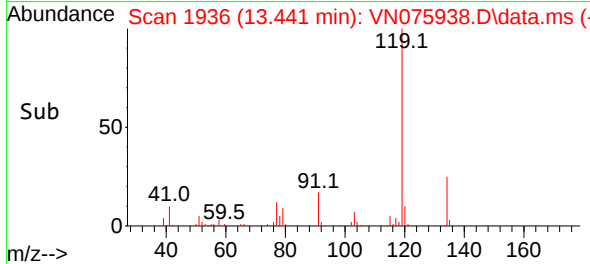
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



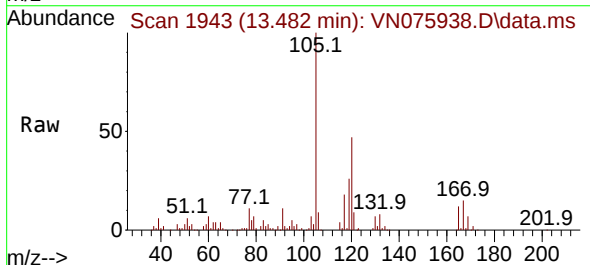
Tgt Ion:119 Resp: 223152
Ion Ratio Lower Upper
119 100
91 61.8 31.9 95.5
134 26.3 13.8 41.4

Manual Integrations
APPROVED

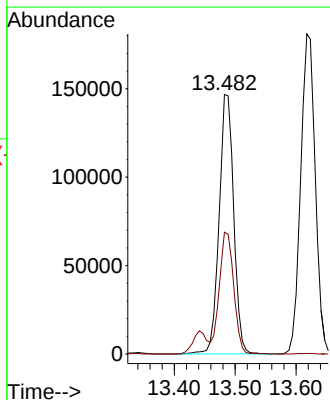
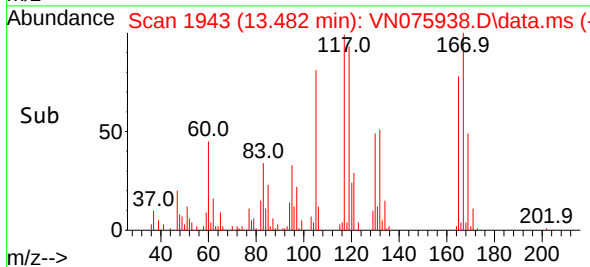
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

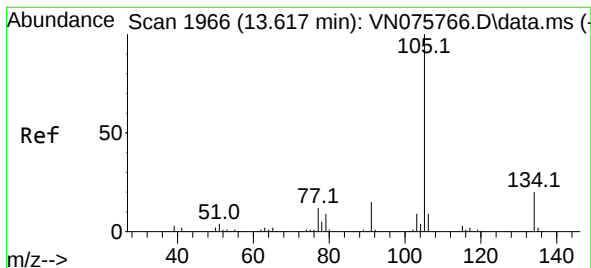


#84
1,2,4-Trimethylbenzene
Concen: 20.097 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17



Tgt Ion:105 Resp: 243992
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 20.215 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1222WBS01

Tgt Ion:105 Resp: 30106

Ion Ratio Lower Upper

105 100

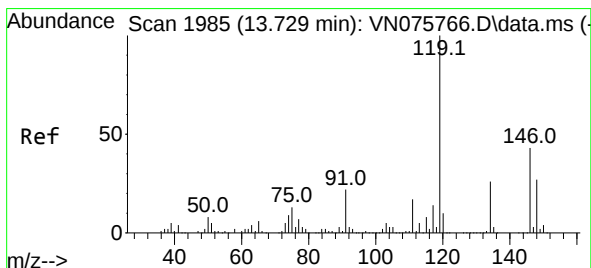
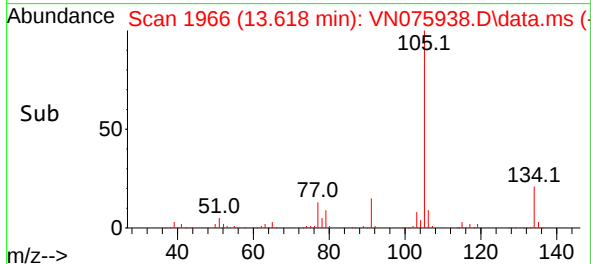
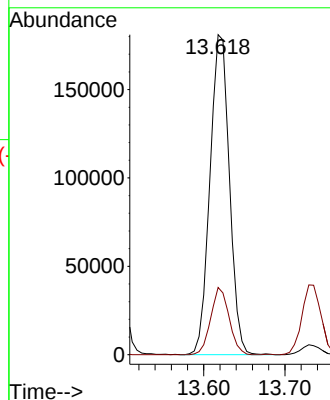
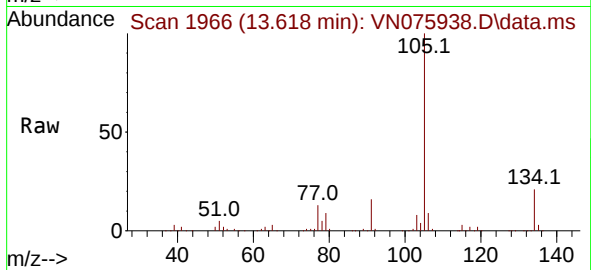
134 19.8 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2022

Supervised By :Mahesh Dadoda 12/27/2022



#86

p-Isopropyltoluene

Concen: 20.016 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN075938.D

Acq: 22 Dec 2022 12:17

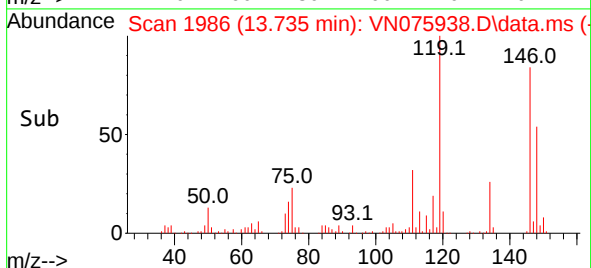
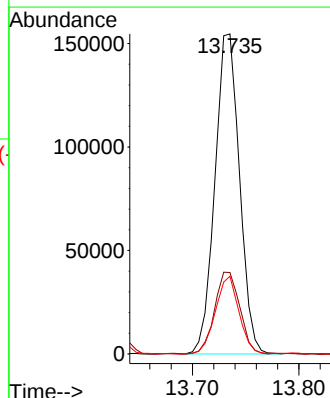
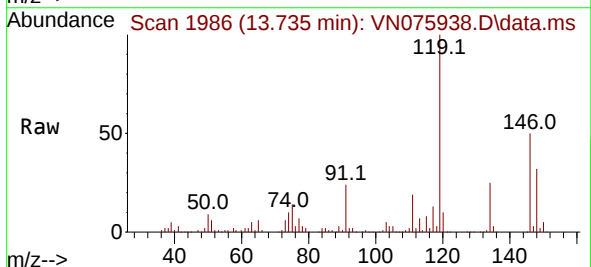
Tgt Ion:119 Resp: 248047

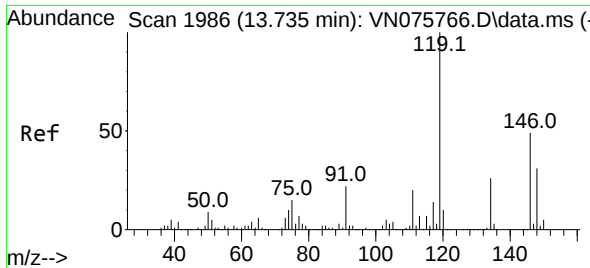
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

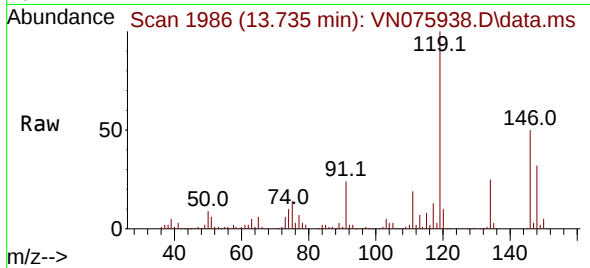
91 23.4 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 18.751 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

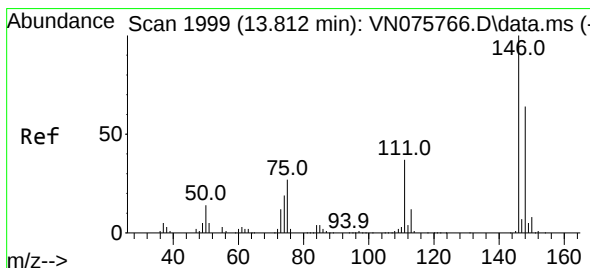
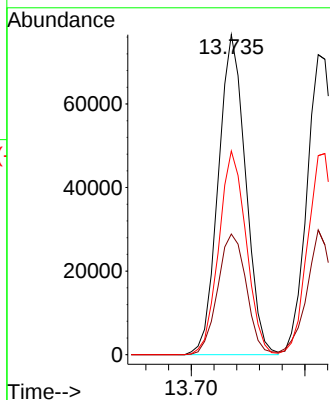
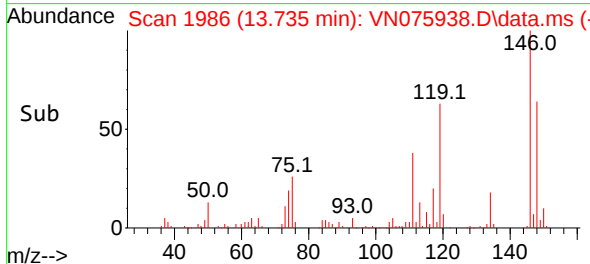
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



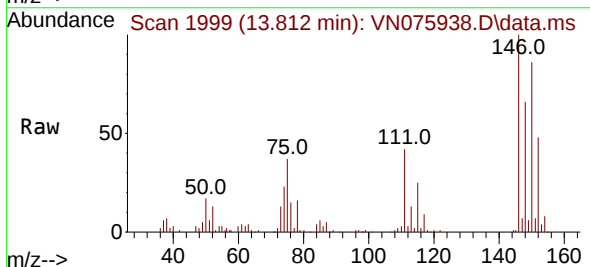
Tgt Ion:146 Resp: 128178
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 63.7 31.4 94.2

Manual Integrations
APPROVED

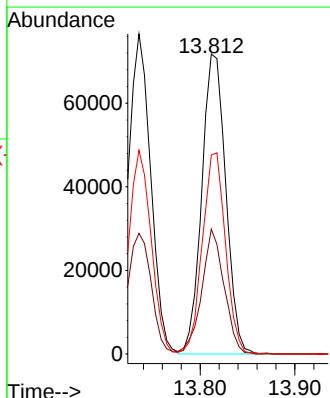
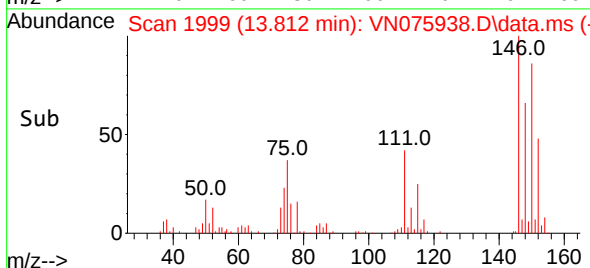
Reviewed By :John Carbone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

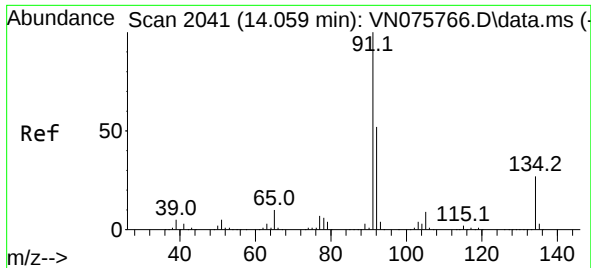


#88
1,4-Dichlorobenzene
Concen: 18.077 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17



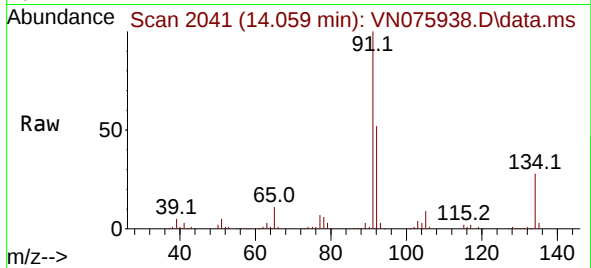
Tgt Ion:146 Resp: 126231
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 64.8 32.0 96.2





#89
n-Butylbenzene
Concen: 19.147 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

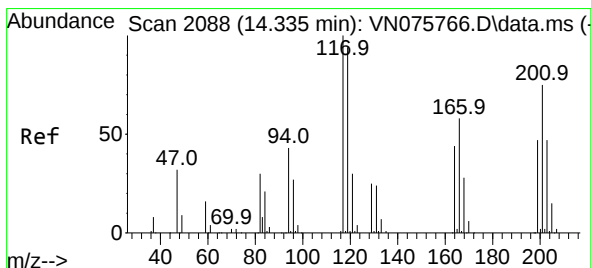
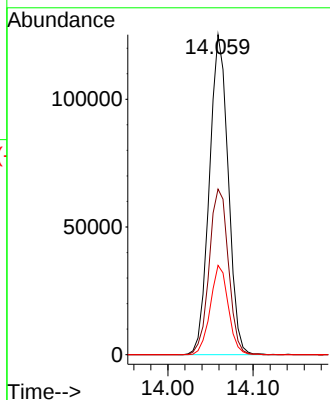
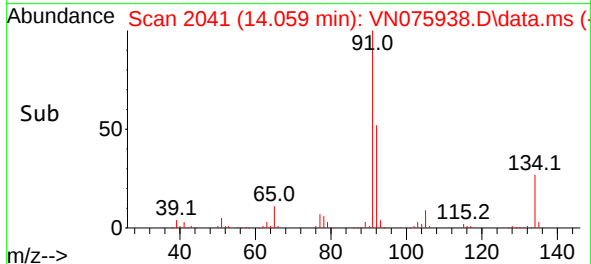
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



Tgt Ion: 91 Resp: 192220
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 26.8 13.4 40.2

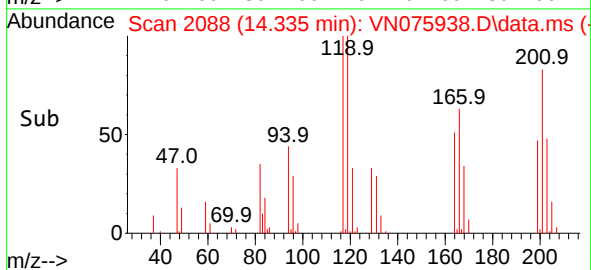
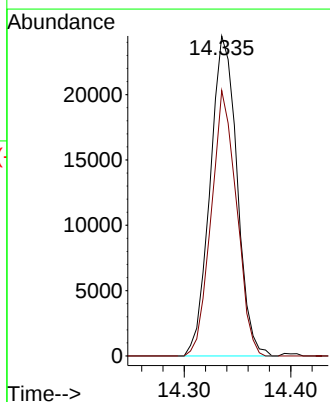
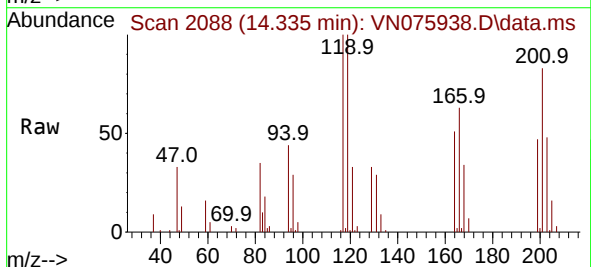
Manual Integrations
APPROVED

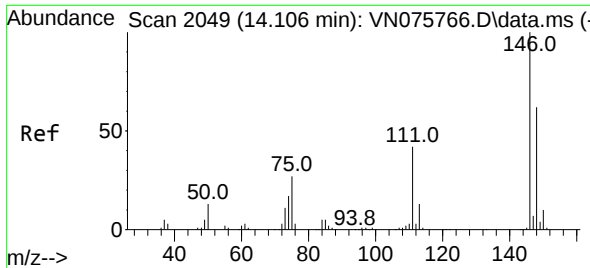
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#90
Hexachloroethane
Concen: 19.358 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

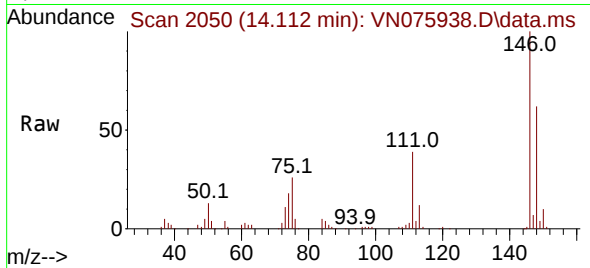
Tgt Ion:117 Resp: 42911
Ion Ratio Lower Upper
117 100
201 77.9 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 19.437 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

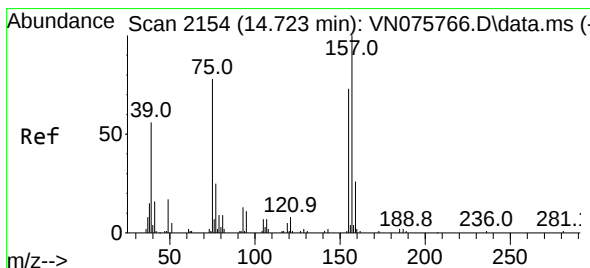
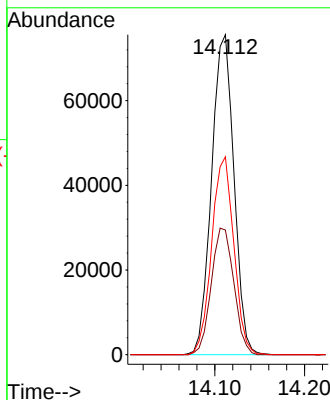
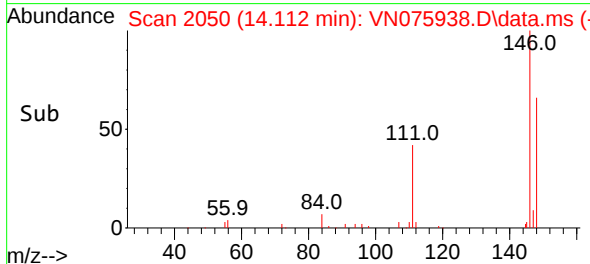
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



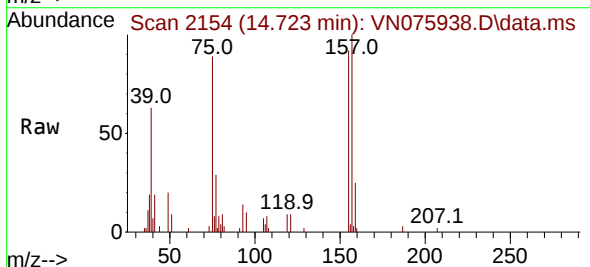
Tgt Ion:146 Resp: 13086
Ion Ratio Lower Upper
146 100
111 39.9 20.3 61.0
148 61.4 31.7 95.1

Manual Integrations
APPROVED

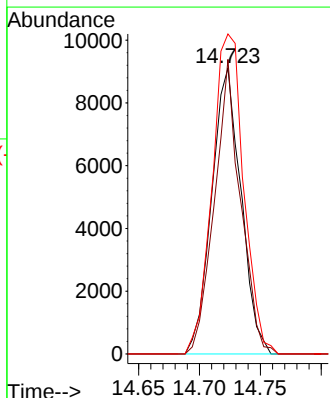
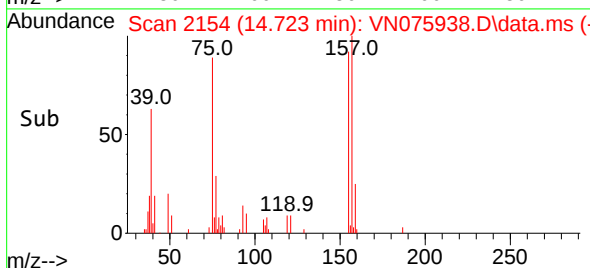
Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022

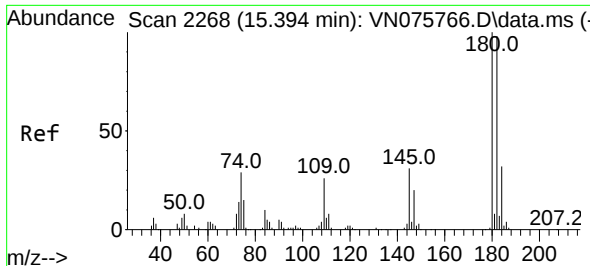


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.031 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17



Tgt Ion: 75 Resp: 15265
Ion Ratio Lower Upper
75 100
155 91.4 49.3 147.8
157 120.4 63.7 191.3





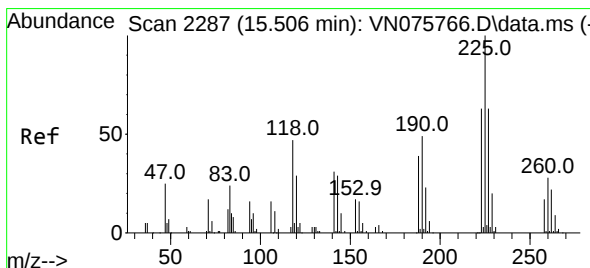
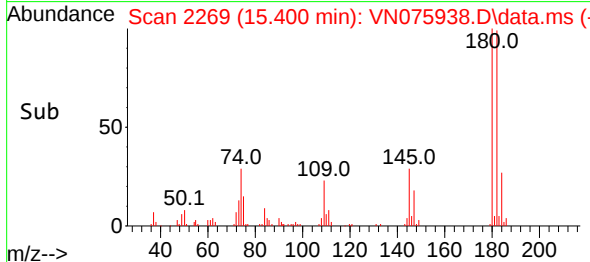
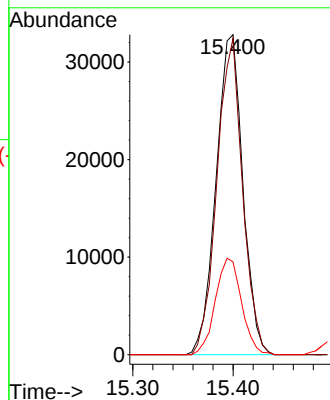
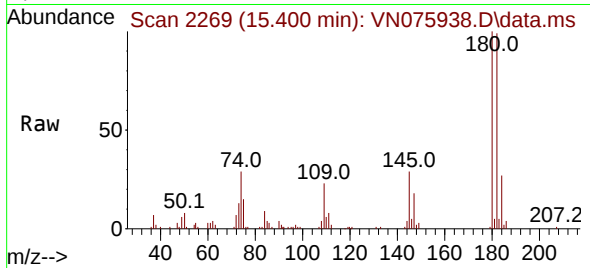
#93
1,2,4-Trichlorobenzene
Concen: 18.228 ug/l
RT: 15.400 min Scan# 2268
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01

Tgt Ion:180 Resp: 60760
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 29.5 15.3 45.8

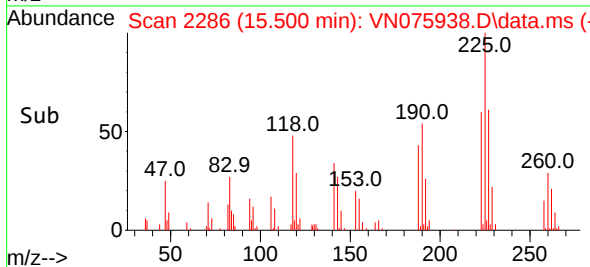
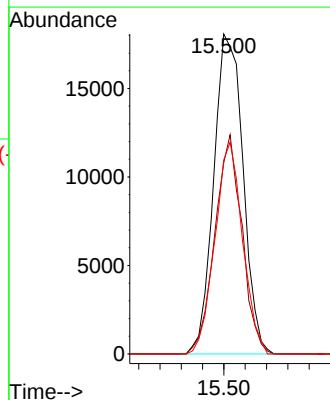
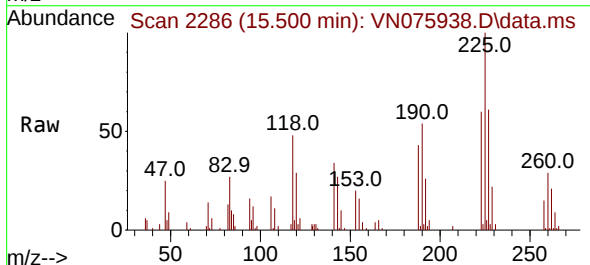
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#94
Hexachlorobutadiene
Concen: 18.951 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

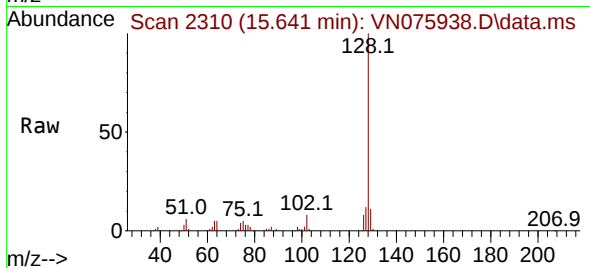
Tgt Ion:225 Resp: 34466
Ion Ratio Lower Upper
225 100
223 63.3 31.5 94.5
227 62.6 31.6 95.0





#95
Naphthalene
Concen: 17.513 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

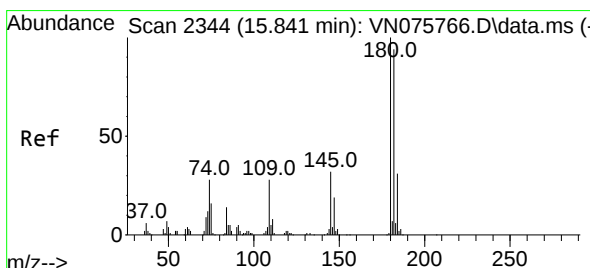
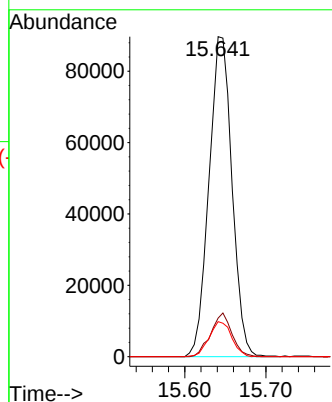
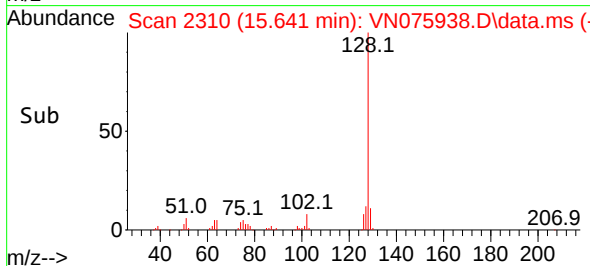
Instrument :
MSVOA_N
ClientSampleId :
VN1222WBS01



Tgt Ion:128 Resp: 17656
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/27/2022
Supervised By :Mahesh Dadoda 12/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.843 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075938.D
Acq: 22 Dec 2022 12:17

Tgt Ion:180 Resp: 58707
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 32.3 16.0 47.9

