

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075338.D
 Acq On : 21 Nov 2022 11:53
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2022
 Supervised By : Mahesh Dadoda 11/23/2022

Quant Time: Nov 22 04:47:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 04:47:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	145445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	7902	4.449	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	8.900%#		
35) Dibromofluoromethane	8.165	113	9368	6.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	13.400%#		
50) Toluene-d8	10.570	98	20388	3.969	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	7.940%#		
62) 4-Bromofluorobenzene	12.847	95	14295	7.355	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	14.720%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	11361	6.426	ug/l	89
3) Chloromethane	2.371	50	13925	7.317	ug/l	92
4) Vinyl Chloride	2.524	62	18298	6.838	ug/l	92
5) Bromomethane	2.936	94	15660	5.438	ug/l	99
6) Chloroethane	3.106	64	13624	7.043	ug/l	99
7) Trichlorofluoromethane	3.500	101	26055	9.125	ug/l	99
8) Diethyl Ether	3.977	74	8744	8.376	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	14826	9.375	ug/l	94
10) Methyl Iodide	4.594	142	22437	9.356	ug/l	97
11) Tert butyl alcohol	5.530	59	16997	38.847	ug/l #	87
12) 1,1-Dichloroethene	4.341	96	14054	9.288	ug/l	84
13) Acrolein	4.189	56	14996	41.668	ug/l	94
14) Allyl chloride	5.030	41	18549	8.664	ug/l	96
15) Acrylonitrile	5.730	53	38826	41.629	ug/l	99
16) Acetone	4.436	43	41567	51.056	ug/l	94
17) Carbon Disulfide	4.718	76	34671	9.096	ug/l #	94
18) Methyl Acetate	5.036	43	20964	8.108	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	49037	8.822	ug/l	92
20) Methylene Chloride	5.283	84	16974	9.389	ug/l	84
21) trans-1,2-Dichloroethene	5.794	96	15386	9.251	ug/l	97
22) Diisopropyl ether	6.671	45	41010	8.525	ug/l #	88
23) Vinyl Acetate	6.612	43	158708m	39.703	ug/l	
24) 1,1-Dichloroethane	6.571	63	26079	8.524	ug/l	99
25) 2-Butanone	7.488	43	52734	41.922	ug/l	95
26) 2,2-Dichloropropane	7.494	77	23790	8.461	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	17851	9.004	ug/l	98
28) Bromochloromethane	7.812	49	11322	8.895	ug/l #	88
29) Tetrahydrofuran	7.841	42	31574	39.108	ug/l	99
30) Chloroform	7.971	83	29667	8.935	ug/l	94
31) Cyclohexane	8.259	56	26735	9.446	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	27530	9.107	ug/l #	86
36) 1,1-Dichloropropene	8.377	75	20741	9.209	ug/l	97
37) Ethyl Acetate	7.571	43	19965	8.196	ug/l	98
38) Carbon Tetrachloride	8.365	117	22717	9.155	ug/l	96
39) Methylcyclohexane	9.606	83	26020	8.806	ug/l	94
40) Benzene	8.606	78	66098	9.588	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	10565	9.138	ug/l	99
42) 1,2-Dichloroethane	8.671	62	21779	8.804	ug/l	97
43) Isopropyl Acetate	8.688	43	30660	8.175	ug/l	97
44) Trichloroethene	9.353	130	17969	10.216	ug/l	89
45) 1,2-Dichloropropane	9.618	63	15993	9.782	ug/l	98
46) Dibromomethane	9.706	93	11397	8.929	ug/l	94
47) Bromodichloromethane	9.888	83	21969	8.889	ug/l	95
48) Methyl methacrylate	9.682	41	13820	7.981	ug/l	98
49) 1,4-Dioxane	9.694	88	8370	181.178	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	98620	40.792	ug/l	98
52) Toluene	10.629	92	41747	9.137	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	22276	8.599	ug/l	91
54) cis-1,3-Dichloropropene	10.312	75	24664	8.943	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	16773	9.251	ug/l	91
56) Ethyl methacrylate	10.876	69	22306	8.121	ug/l	99
57) 1,3-Dichloropropane	11.165	76	27121	8.975	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	41382	39.432	ug/l	95
59) 2-Hexanone	11.194	43	75798	41.277	ug/l	100
60) Dibromochloromethane	11.359	129	17774	9.192	ug/l	99
61) 1,2-Dibromoethane	11.470	107	16683	8.941	ug/l	97
64) Tetrachloroethene	11.106	164	16685	11.755	ug/l	92
65) Chlorobenzene	11.888	112	44472	9.352	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	16210	9.175	ug/l	97
67) Ethyl Benzene	11.965	91	77399	9.113	ug/l	98
68) m/p-Xylenes	12.070	106	62291	18.371	ug/l	99
69) o-Xylene	12.400	106	31292	9.318	ug/l	99
70) Styrene	12.412	104	49390	9.193	ug/l	98
71) Bromoform	12.582	173	12713	9.499	ug/l #	93
73) Isopropylbenzene	12.694	105	77968	9.352	ug/l	98
74) N-amyl acetate	12.494	43	23672	7.793	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	24230	7.622	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	21135m	9.740	ug/l	
77) Bromobenzene	12.976	156	18551	9.909	ug/l	91
78) n-propylbenzene	13.035	91	87655	9.350	ug/l	98
79) 2-Chlorotoluene	13.123	91	52383	9.191	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	65705	9.385	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	6213	7.350	ug/l	98
82) 4-Chlorotoluene	13.123	91	52383	9.191	ug/l	98
83) tert-Butylbenzene	13.441	119	59905	9.600	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	66322	9.375	ug/l	98
85) sec-Butylbenzene	13.617	105	80417	9.231	ug/l	100
86) p-Isopropyltoluene	13.729	119	66002	9.154	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	36269	9.974	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	34189	9.494	ug/l	98
89) n-Butylbenzene	14.059	91	54151	9.296	ug/l	99
90) Hexachloroethane	14.335	117	11395	8.656	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	35537	9.816	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	4353	7.845	ug/l	82
93) 1,2,4-Trichlorobenzene	15.388	180	17389	10.742	ug/l	94
94) Hexachlorobutadiene	15.500	225	9061	11.248	ug/l	96
95) Naphthalene	15.641	128	51231	8.575	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	16572	10.371	ug/l	97

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

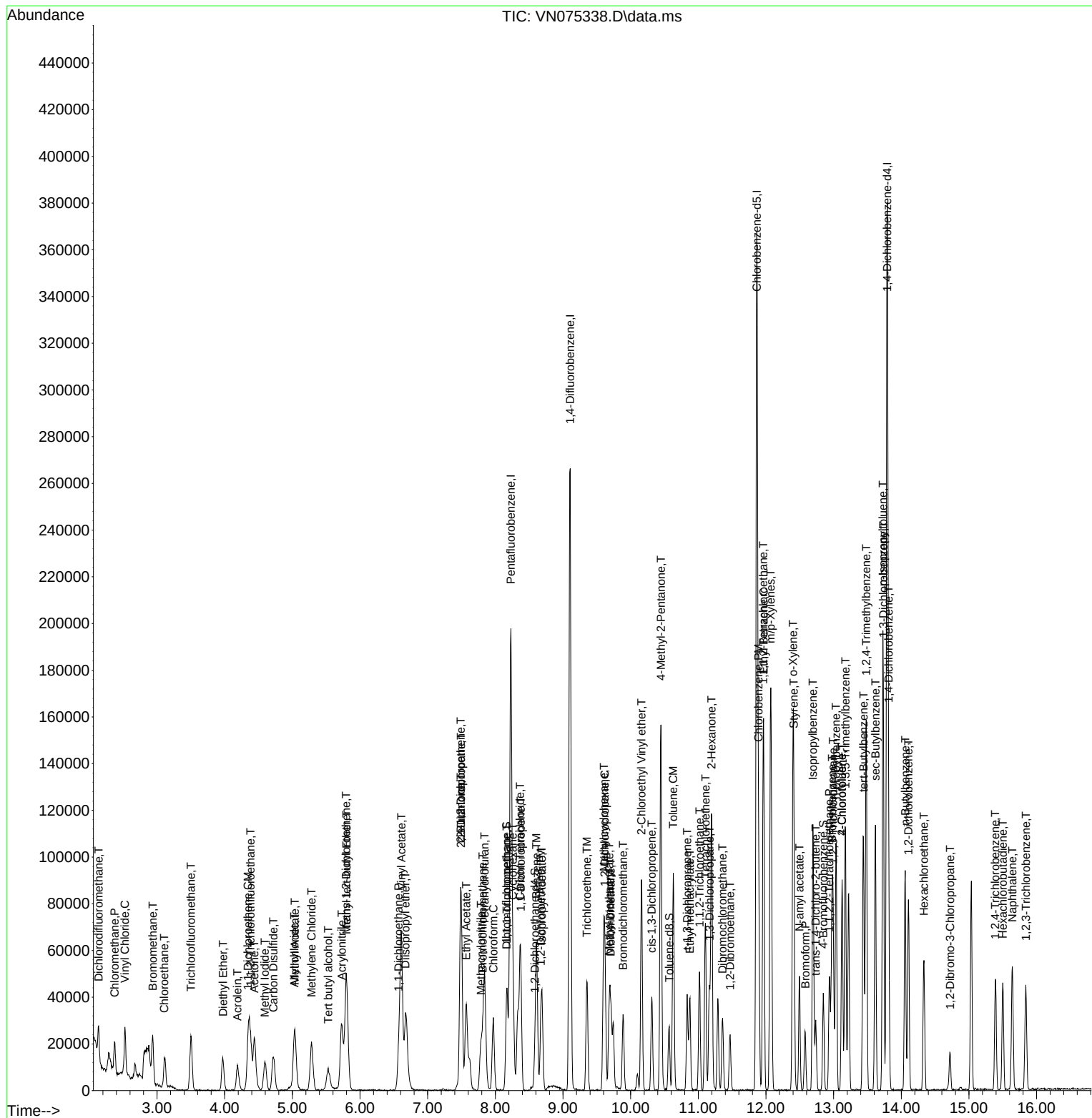
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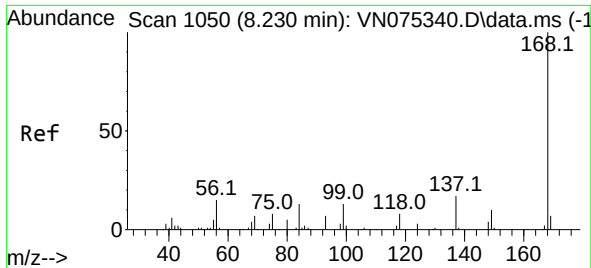
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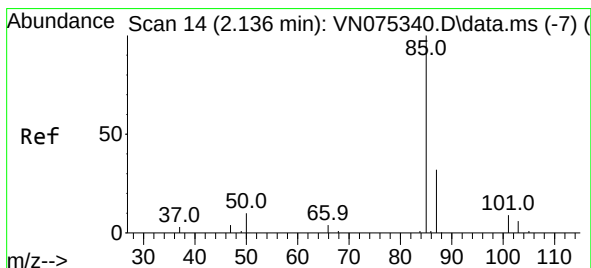
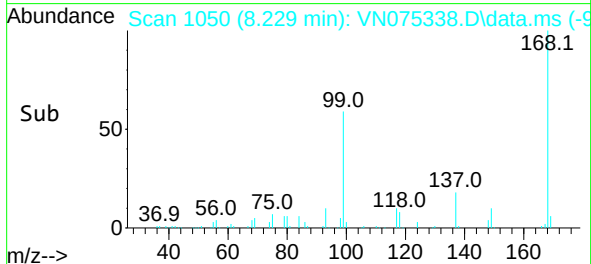
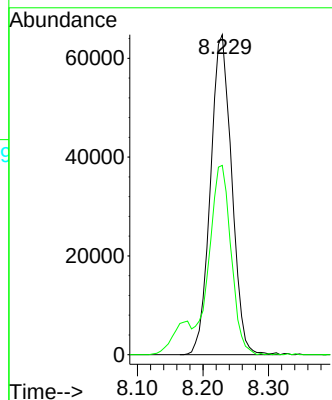
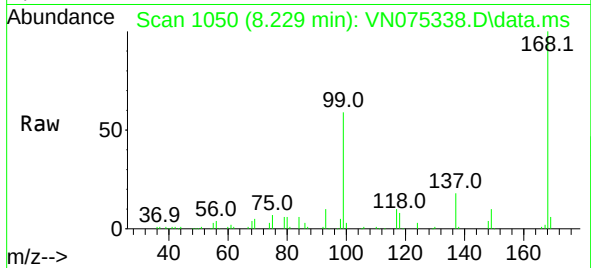
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075338.D
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ClientSampleId :
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Tgt Ion:168 Resp: 14544
Ion Ratio Lower Upper
168 100
99 59.1 51.6 77.4

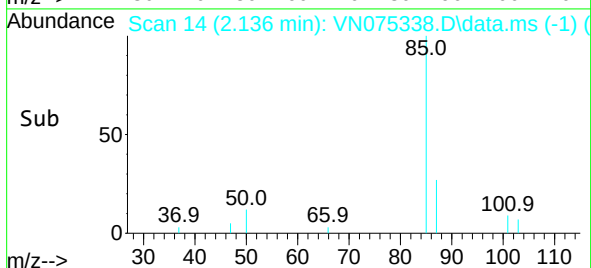
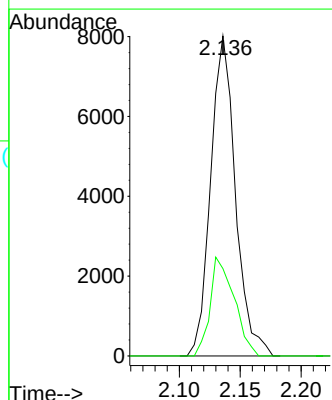
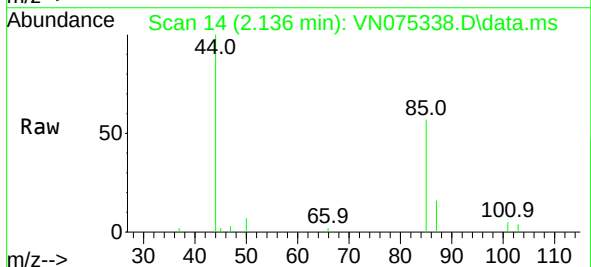
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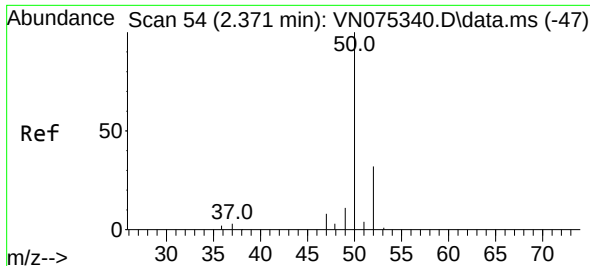
Reviewed By :John Carlone 11/22/2022
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#2
Dichlorodifluoromethane
Concen: 6.426 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

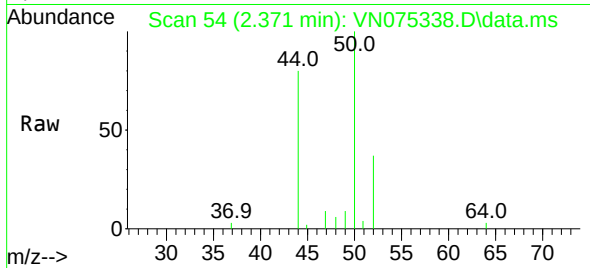
Tgt Ion: 85 Resp: 11361
Ion Ratio Lower Upper
85 100
87 27.3 16.7 50.0





#3
Chloromethane
Concen: 7.317 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

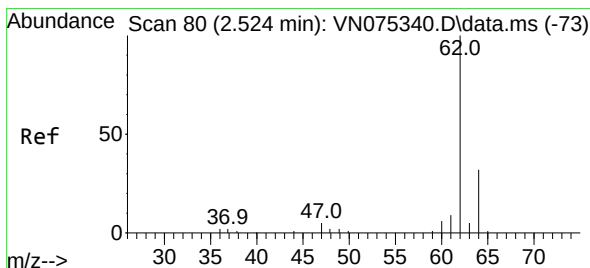
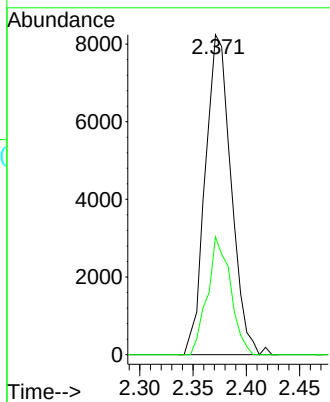
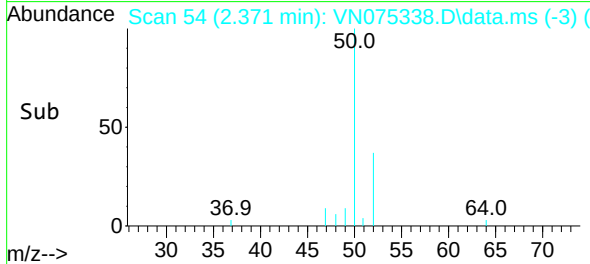
Instrument :
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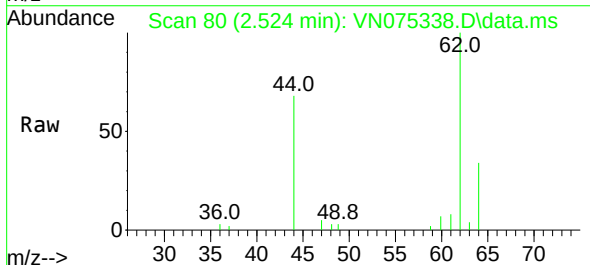
Tgt Ion: 50 Resp: 1392
Ion Ratio Lower Upper
50 100
52 36.8 25.8 38.6

Manual Integrations
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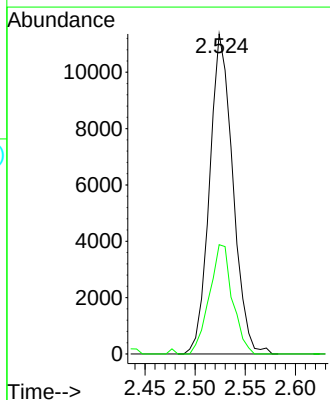
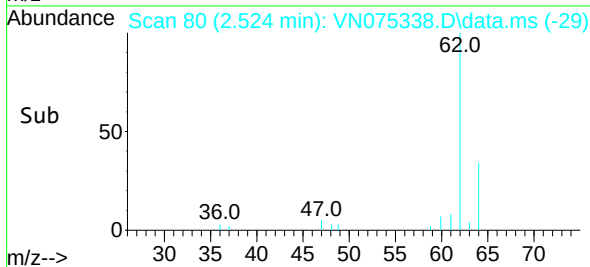
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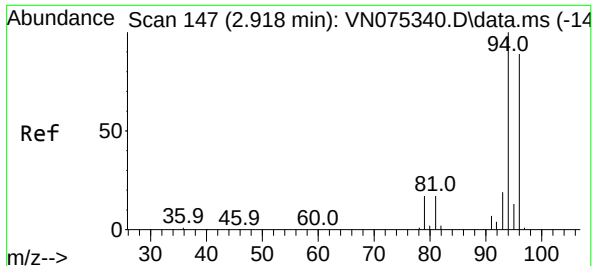


#4
Vinyl Chloride
Concen: 6.838 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



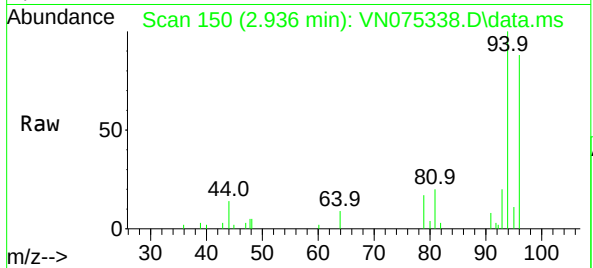
Tgt Ion: 62 Resp: 18298
Ion Ratio Lower Upper
62 100
64 34.1 24.0 36.0





#5
Bromomethane
Concen: 5.438 ug/l
RT: 2.936 min Scan# 150
Delta R.T. 0.017 min
Lab File: VN075338.D
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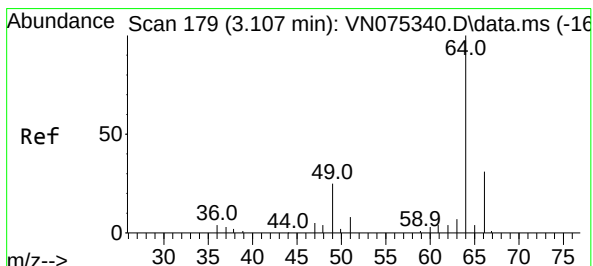
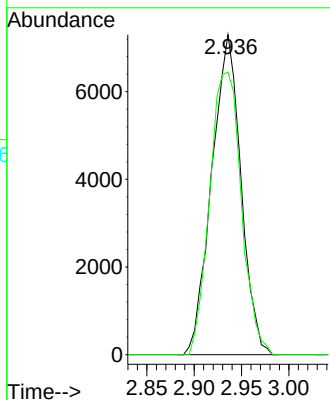
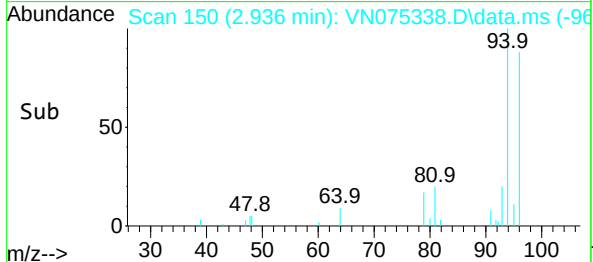
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Tgt Ion: 94 Resp: 1566
Ion Ratio Lower Upper
94 100
96 88.3 71.8 107.6

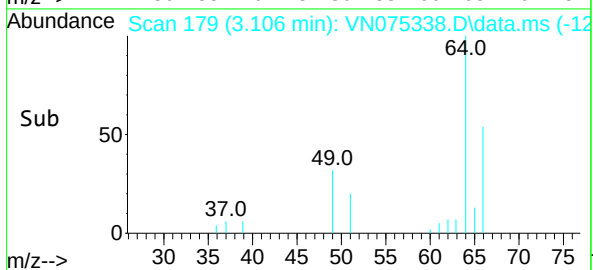
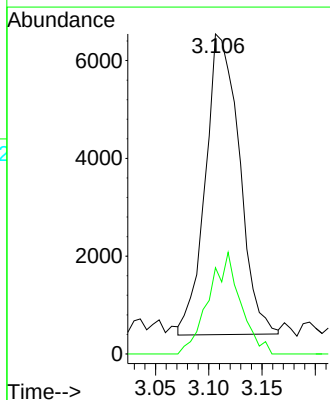
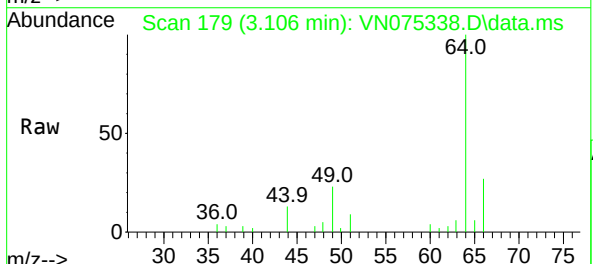
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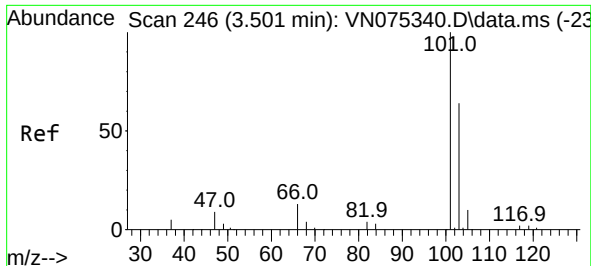
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#6
Chloroethane
Concen: 7.043 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.000 min
Lab File: VN075338.D
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Tgt Ion: 64 Resp: 13624
Ion Ratio Lower Upper
64 100
66 29.1 23.8 35.8





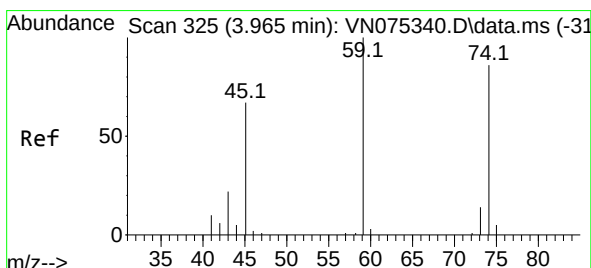
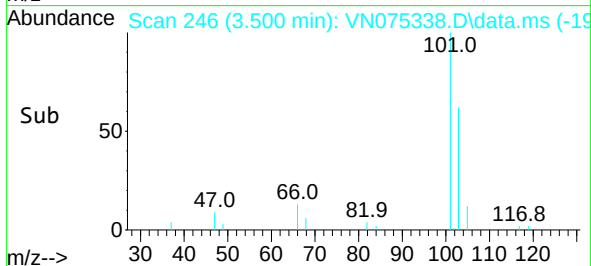
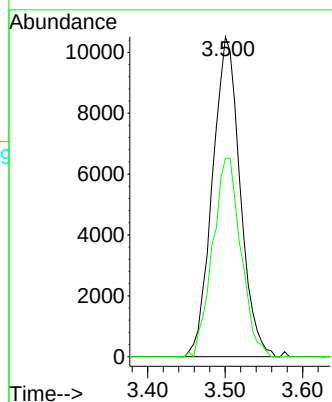
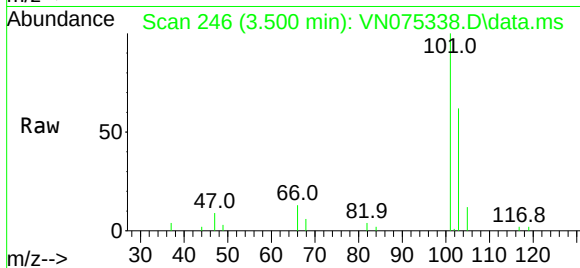
#7
Trichlorofluoromethane
Concen: 9.125 ug/l
RT: 3.500 min Scan# 246
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
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Tgt Ion:101 Resp: 2605
Ion Ratio Lower Upper
101 100
103 62.1 50.5 75.7

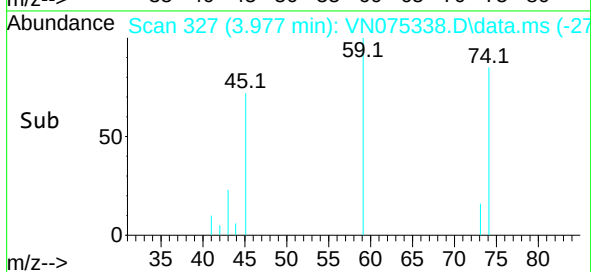
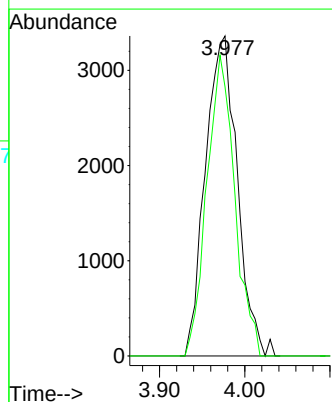
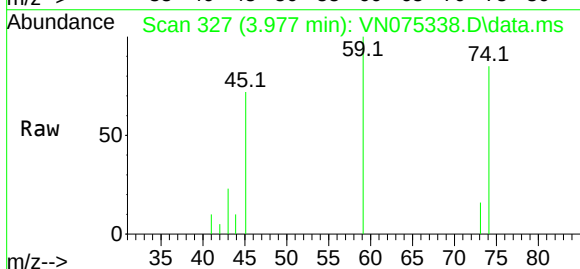
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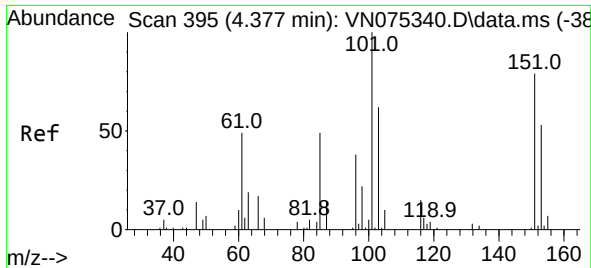
Reviewed By :John Carlone 11/22/2022
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#8
Diethyl Ether
Concen: 8.376 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 74 Resp: 8744
Ion Ratio Lower Upper
74 100
45 82.0 39.3 117.9





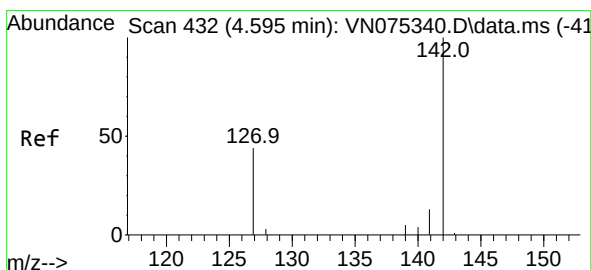
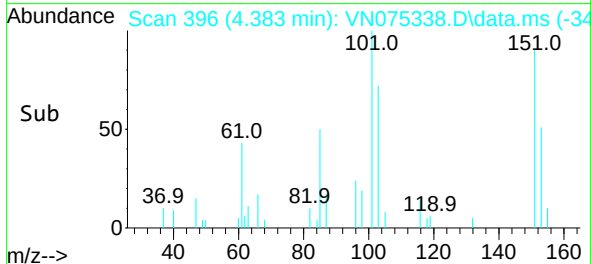
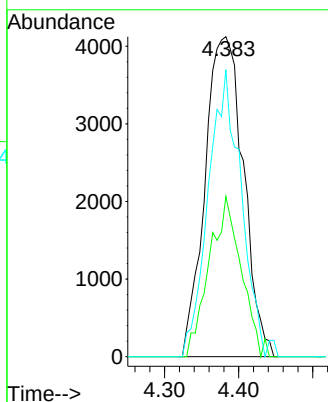
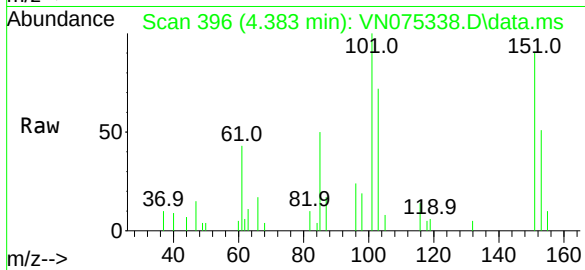
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.375 ug/l
RT: 4.383 min Scan# 395
Delta R.T. 0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 14820
Ion Ratio Lower Upper
101 100
85 41.7 37.6 56.4
151 76.3 58.3 87.5

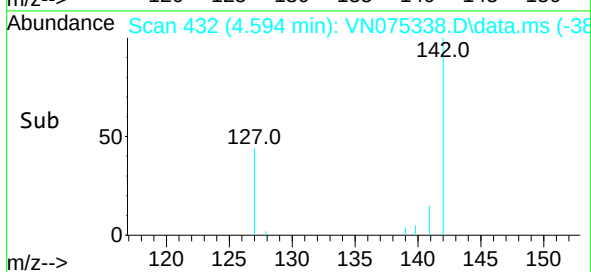
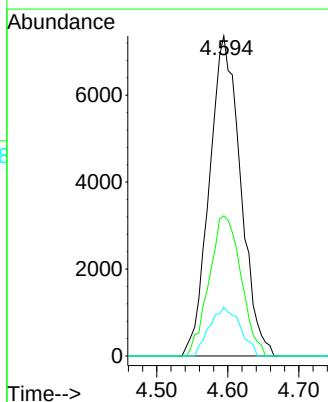
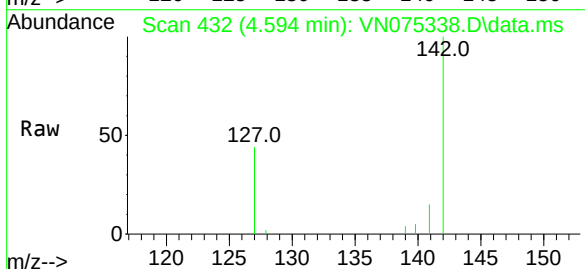
Manual Integrations
APPROVED

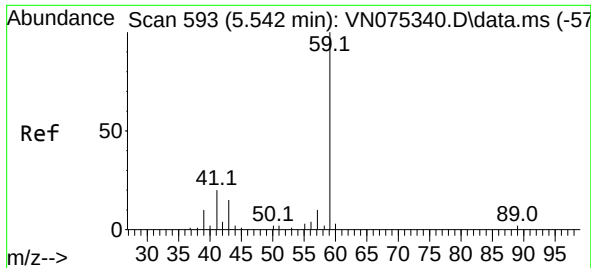
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#10
Methyl Iodide
Concen: 9.356 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion:142 Resp: 22437
Ion Ratio Lower Upper
142 100
127 44.7 38.0 57.0
141 14.9 12.2 18.4





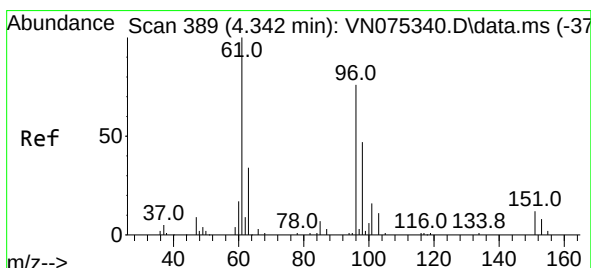
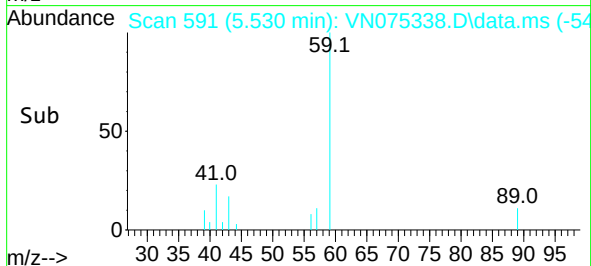
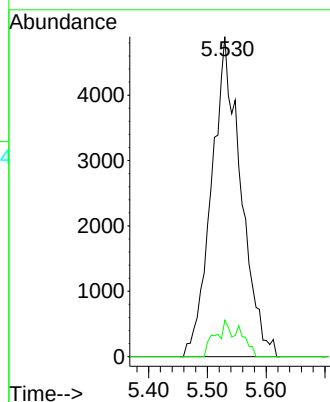
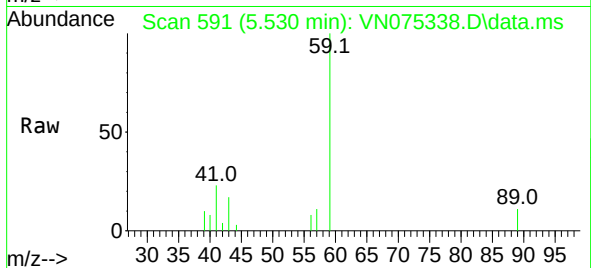
#11
Tert butyl alcohol
Concen: 38.847 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 1699
Ion Ratio Lower Upper
59 100
57 5.8 8.5 12.7

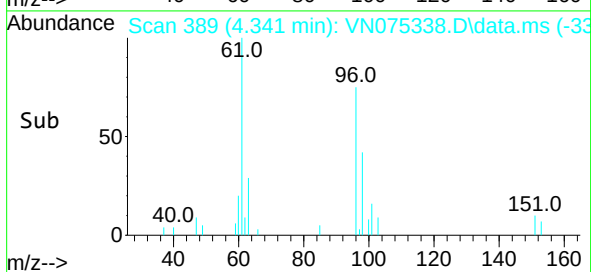
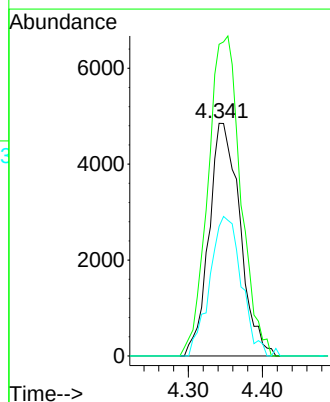
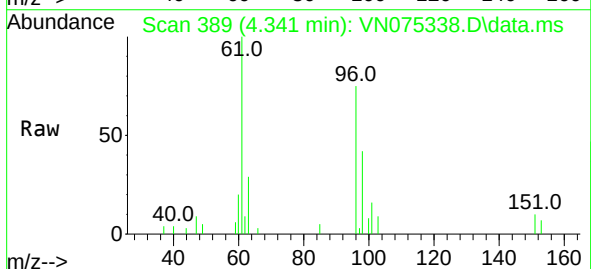
Manual Integrations
APPROVED

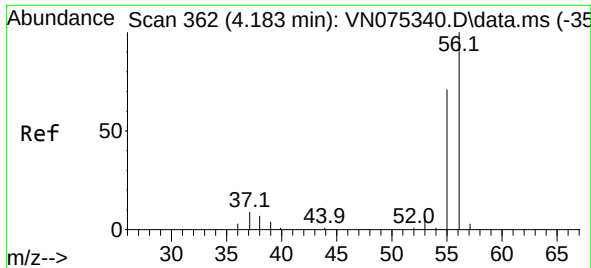
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#12
1,1-Dichloroethene
Concen: 9.288 ug/l
RT: 4.341 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 96 Resp: 14054
Ion Ratio Lower Upper
96 100
61 133.9 126.2 189.4
98 55.6 51.5 77.3





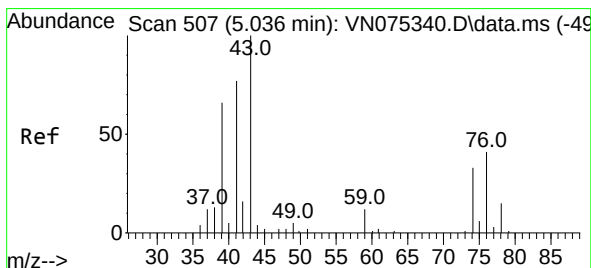
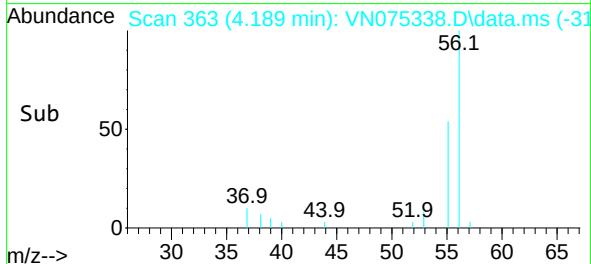
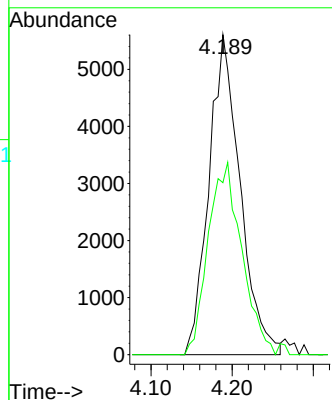
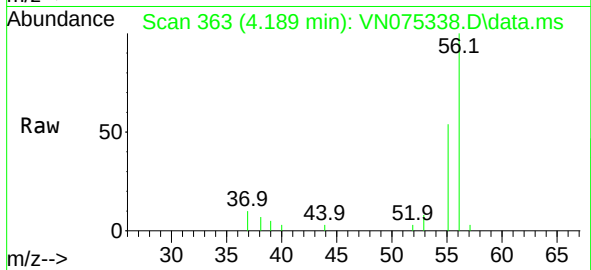
#13
Acrolein
Concen: 41.668 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 14990
Ion Ratio Lower Upper
56 100
55 64.5 55.2 82.8

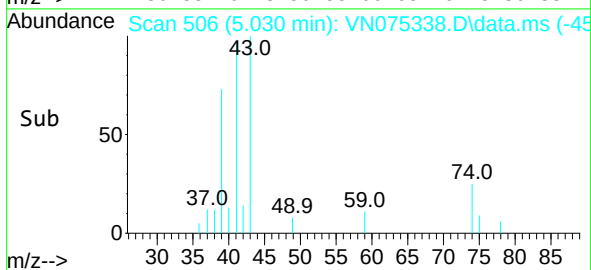
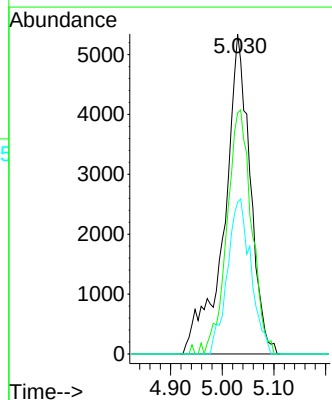
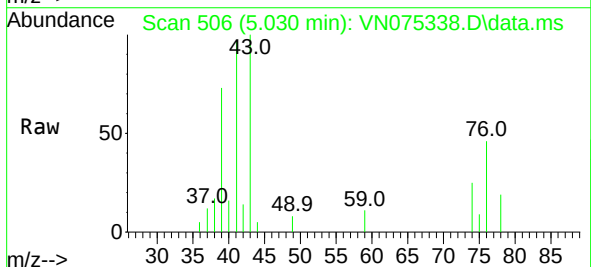
Manual Integrations
APPROVED

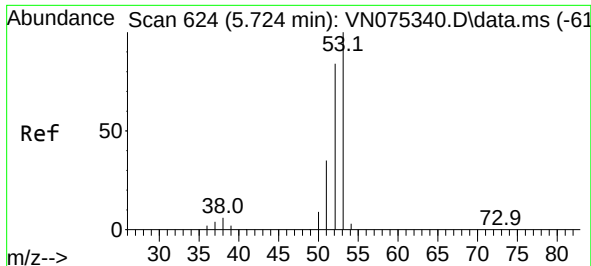
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#14
Allyl chloride
Concen: 8.664 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

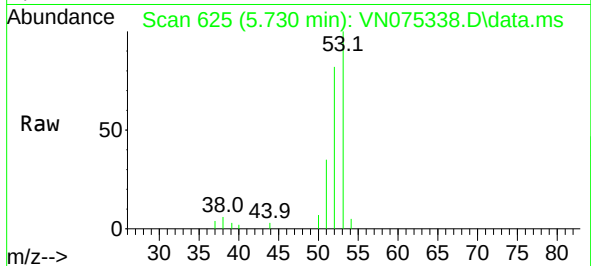
Tgt Ion: 41 Resp: 18549
Ion Ratio Lower Upper
41 100
39 72.9 61.0 91.4
76 44.0 33.4 50.0





#15
Acrylonitrile
Concen: 41.629 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

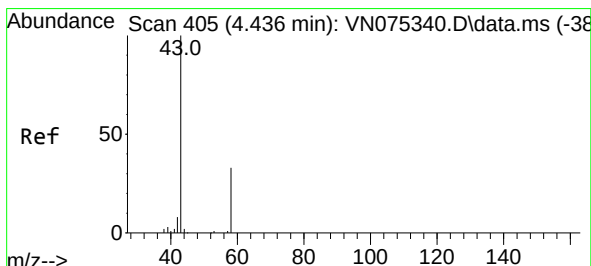
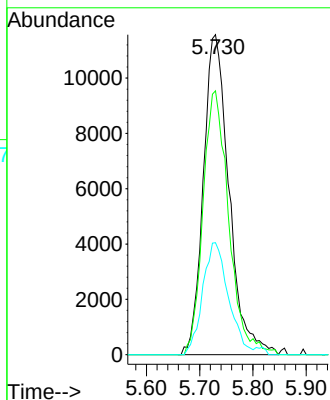
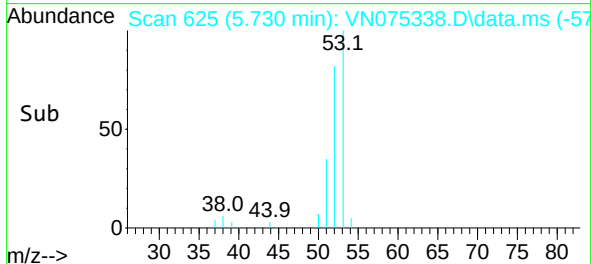
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 53 Resp: 38820
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 35.2 29.6 44.4

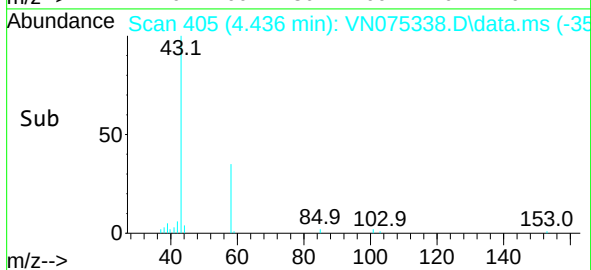
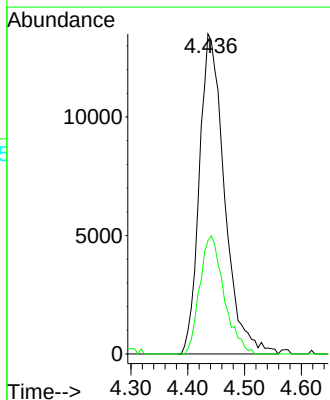
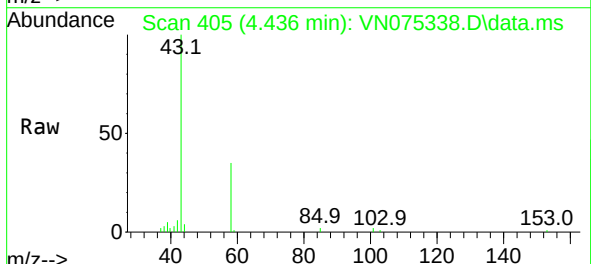
Manual Integrations
APPROVED

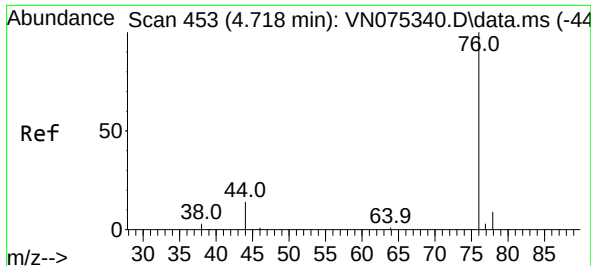
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#16
Acetone
Concen: 51.056 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

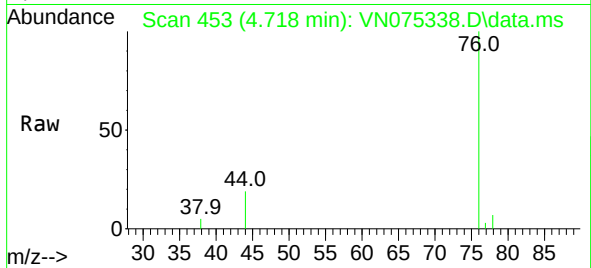
Tgt Ion: 43 Resp: 41567
Ion Ratio Lower Upper
43 100
58 35.4 25.5 38.3





#17
Carbon Disulfide
Concen: 9.096 ug/l
RT: 4.718 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

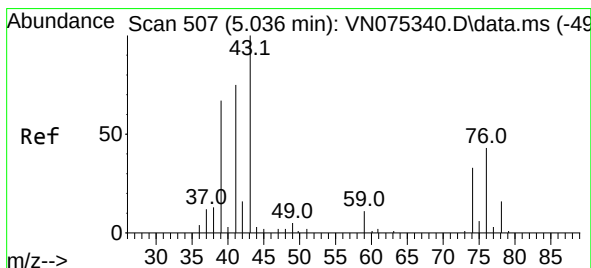
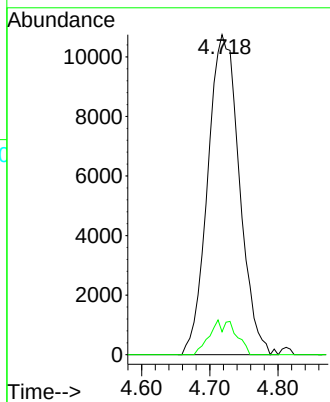
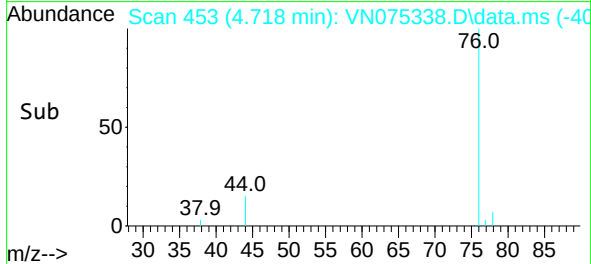
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



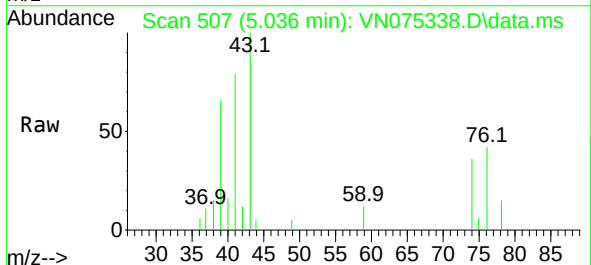
Tgt Ion: 76 Resp: 3467
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.2

Manual Integrations
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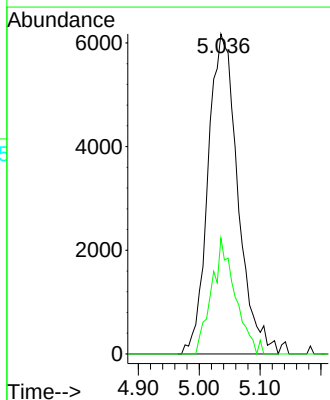
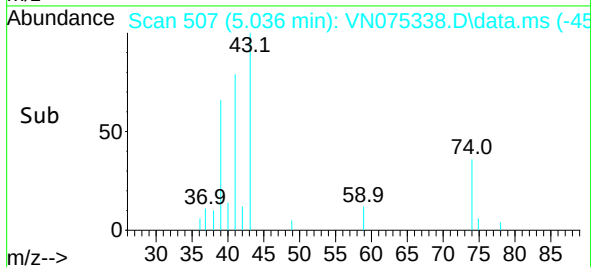
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

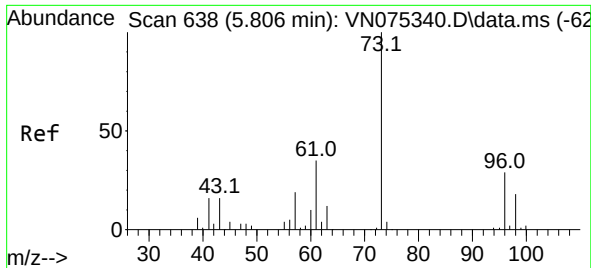


#18
Methyl Acetate
Concen: 8.108 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



Tgt Ion: 43 Resp: 20964
Ion Ratio Lower Upper
43 100
74 28.7 22.0 33.0





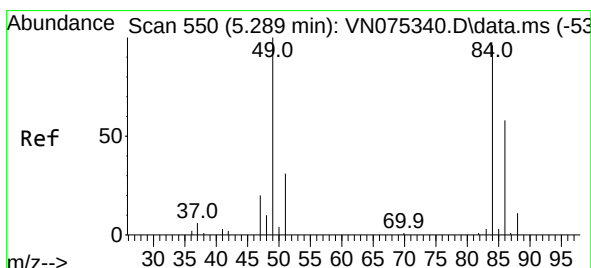
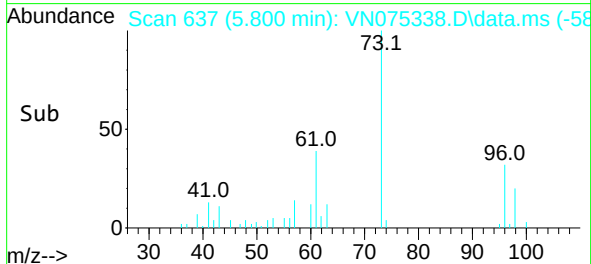
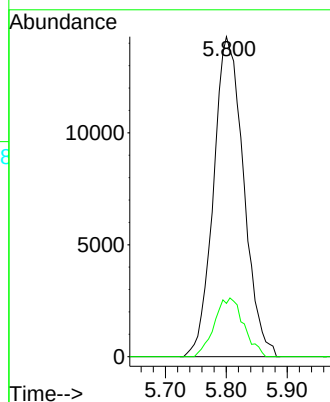
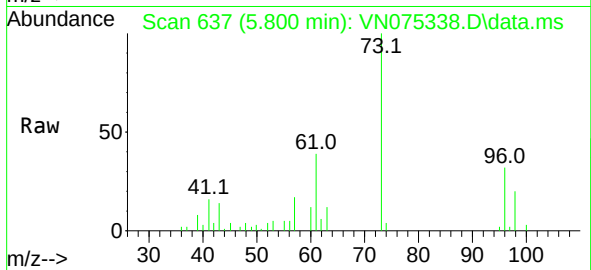
#19
Methyl tert-butyl Ether
Concen: 8.822 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 4903
Ion Ratio Lower Upper
73 100
57 16.7 16.3 24.5

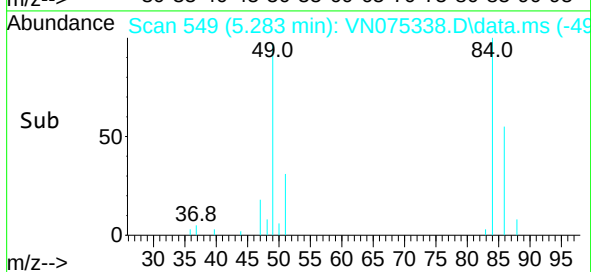
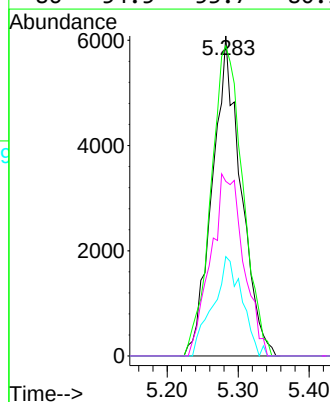
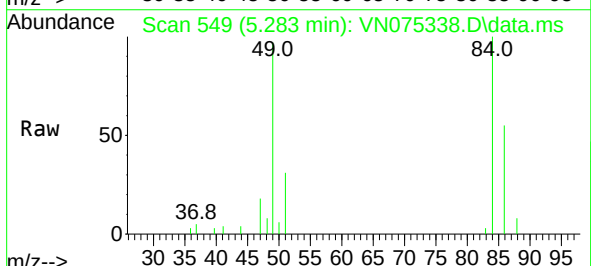
Manual Integrations
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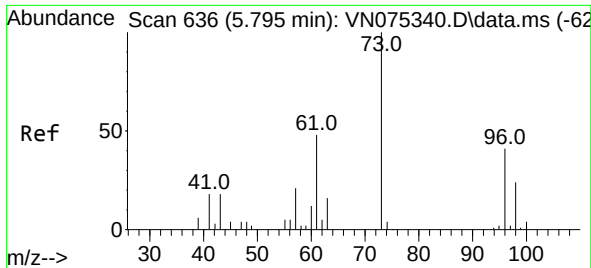
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#20
Methylene Chloride
Concen: 9.389 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 84 Resp: 16974
Ion Ratio Lower Upper
84 100
49 96.9 94.9 142.3
51 31.0 26.8 40.2
86 54.5 53.7 80.5





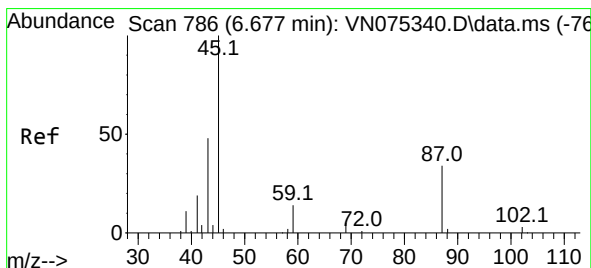
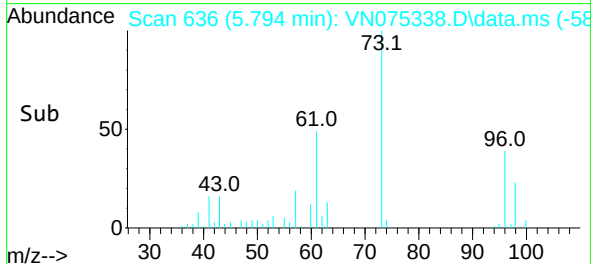
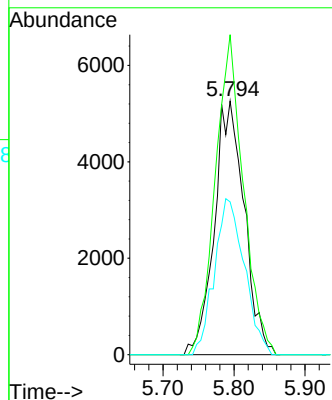
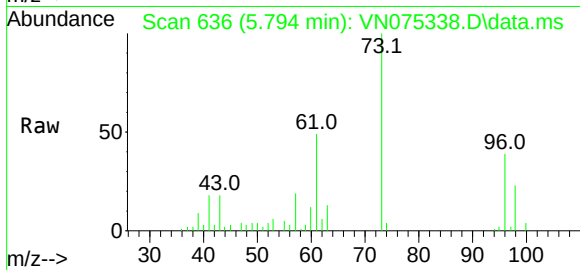
#21
trans-1,2-Dichloroethene
Concen: 9.251 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 1538
Ion Ratio Lower Upper
96 100
61 126.2 99.9 149.9
98 60.2 51.5 77.3

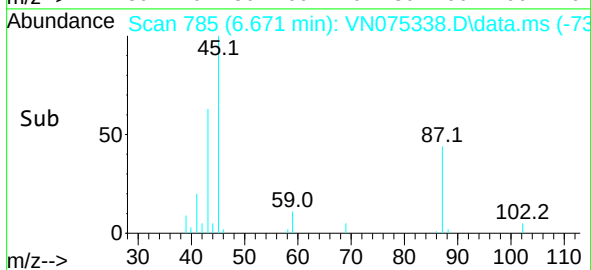
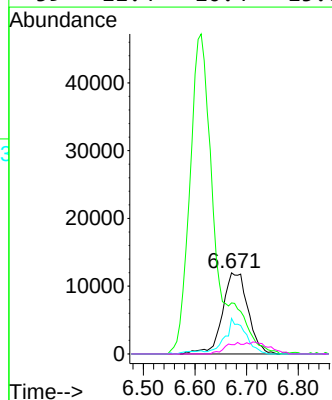
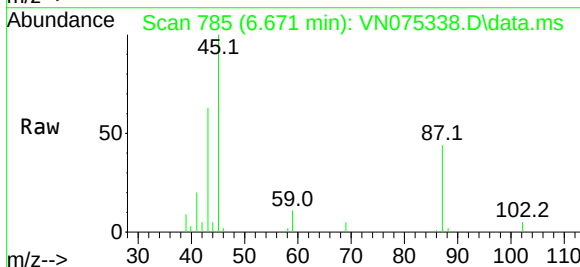
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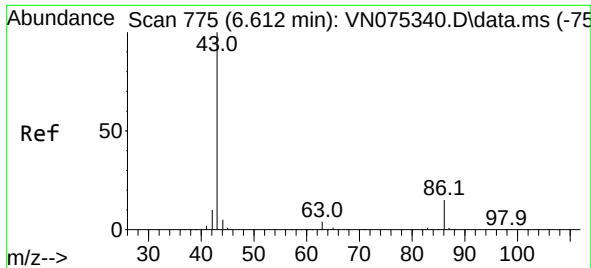
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#22
Diisopropyl ether
Concen: 8.525 ug/l
RT: 6.671 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 45 Resp: 41010
Ion Ratio Lower Upper
45 100
43 62.9 42.8 64.2
87 43.8 28.4 42.6
59 11.4 10.4 15.6





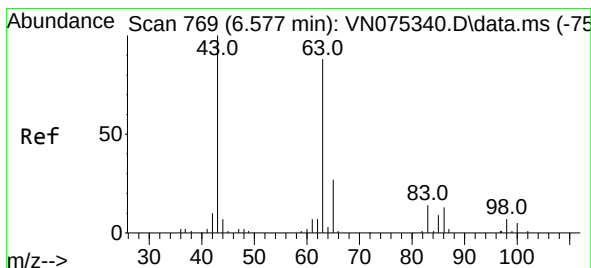
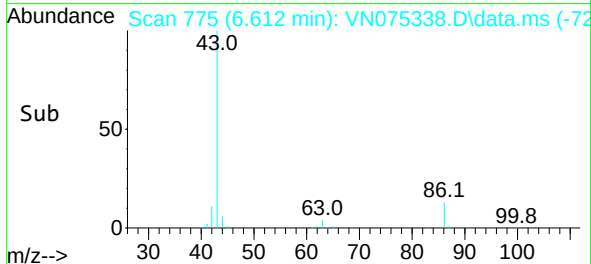
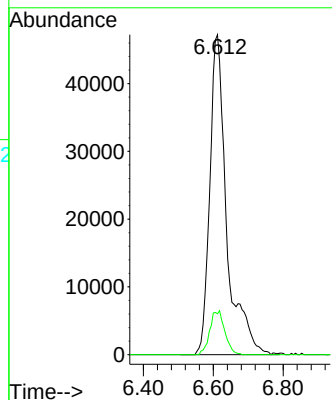
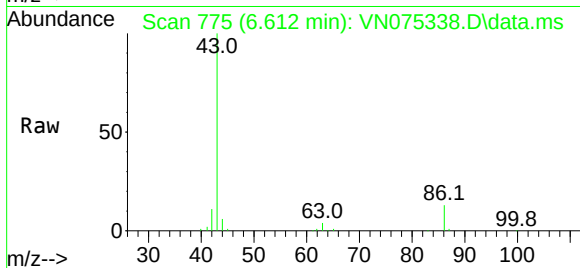
#23
 Vinyl Acetate
 Concen: 39.703 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075338.D
 Acq: 21 Nov 2022 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 158708
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.7 16.1

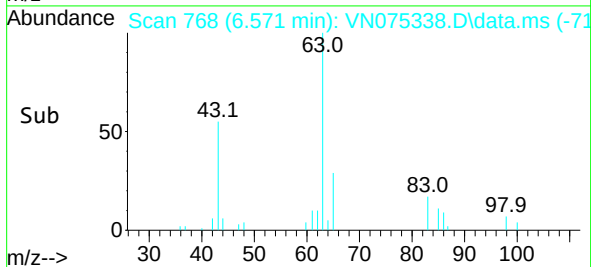
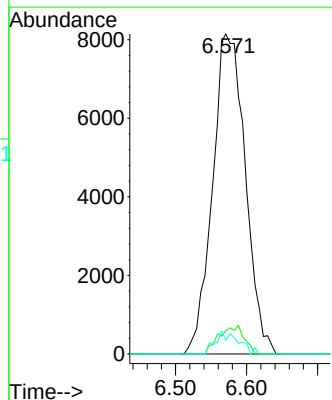
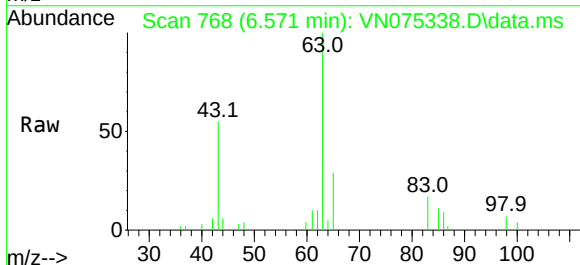
Manual Integrations
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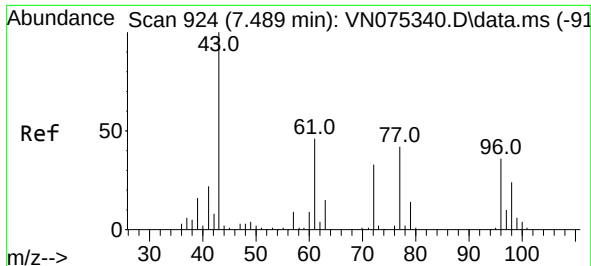
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#24
 1,1-Dichloroethane
 Concen: 8.524 ug/l
 RT: 6.571 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VN075338.D
 Acq: 21 Nov 2022 11:53

Tgt Ion: 63 Resp: 26079
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 41.922 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 52734

Ion Ratio Lower Upper

43 100

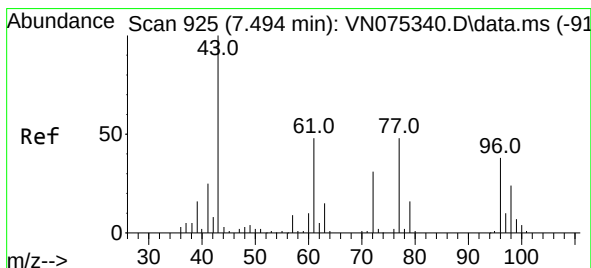
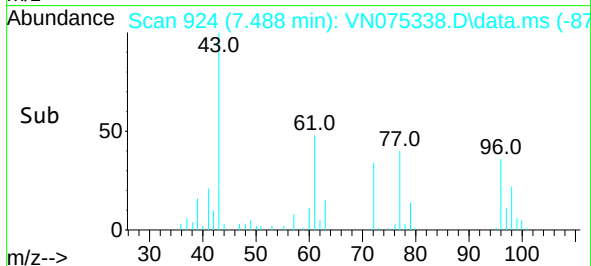
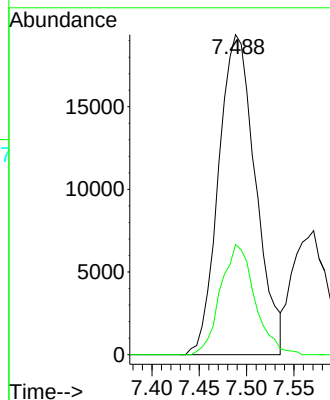
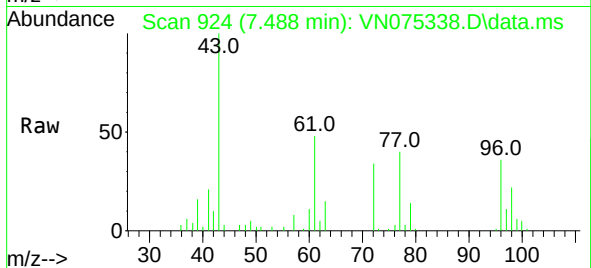
72 34.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#26

2,2-Dichloropropane

Concen: 8.461 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.000 min

Lab File: VN075338.D

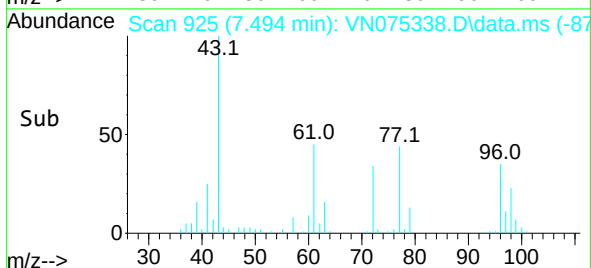
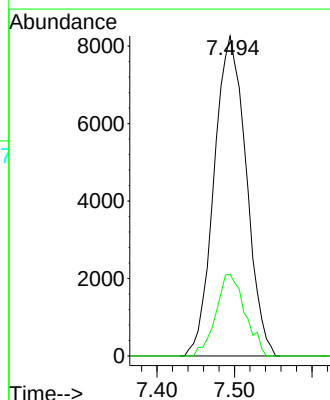
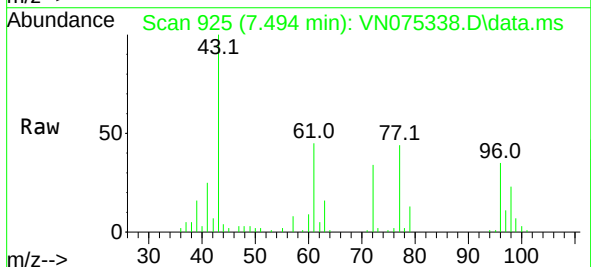
Acq: 21 Nov 2022 11:53

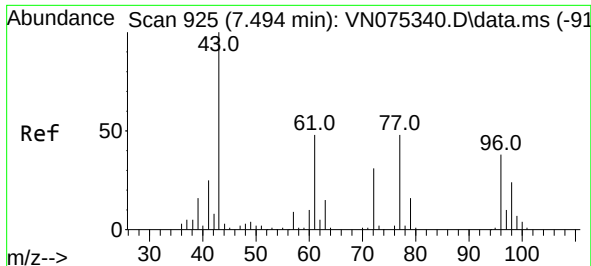
Tgt Ion: 77 Resp: 23790

Ion Ratio Lower Upper

77 100

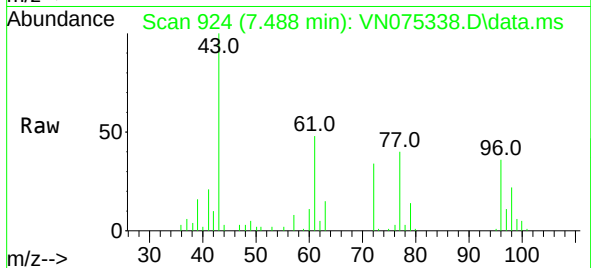
97 23.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 9.004 ug/l
 RT: 7.488 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN075338.D
 Acq: 21 Nov 2022 11:53

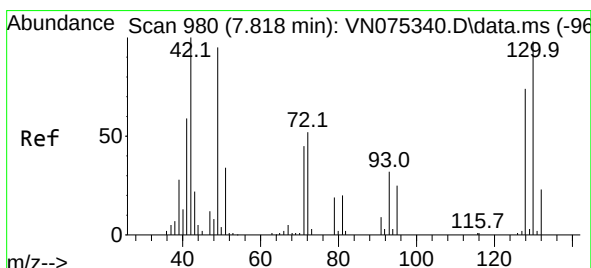
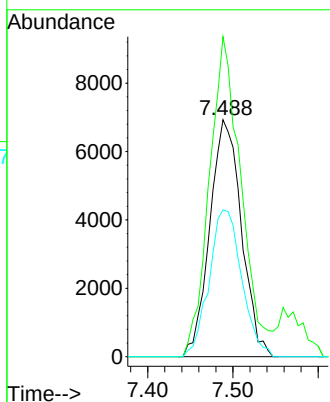
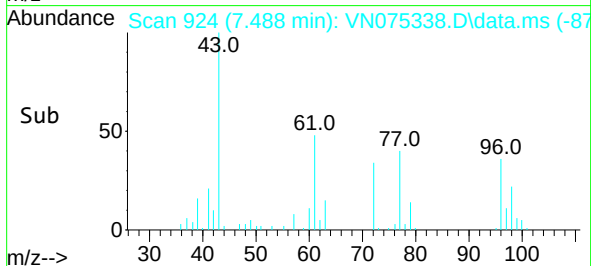
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 96 Resp: 1785
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 278.8
 98 63.9 0.0 128.4

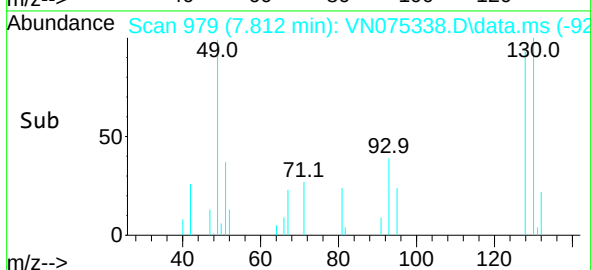
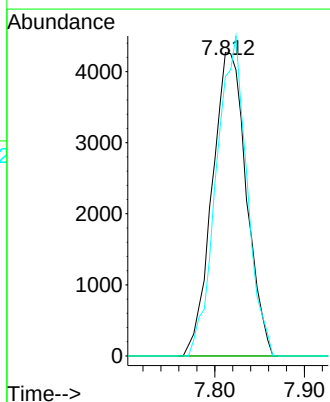
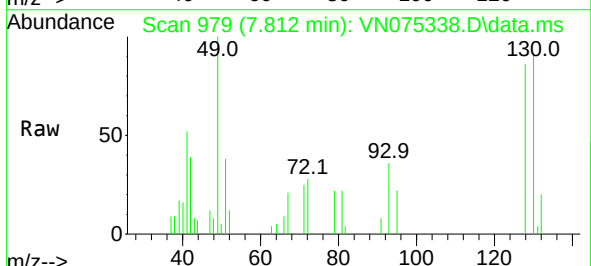
Manual Integrations
 APPROVED

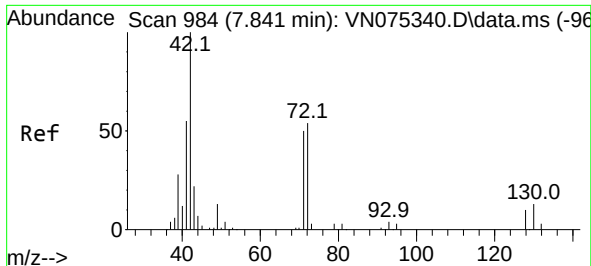
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#28
 Bromochloromethane
 Concen: 8.895 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VN075338.D
 Acq: 21 Nov 2022 11:53

Tgt Ion: 49 Resp: 11322
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 94.1 66.2 99.4





#29

Tetrahydrofuran

Concen: 39.108 ug/l

RT: 7.841 min Scan# 984

Delta R.T. -0.000 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

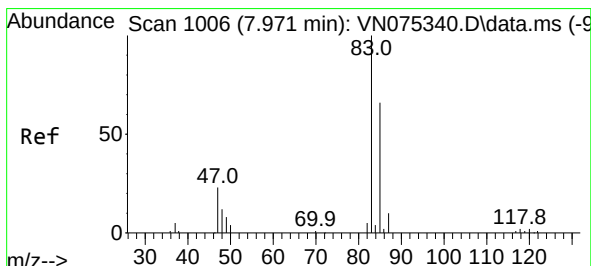
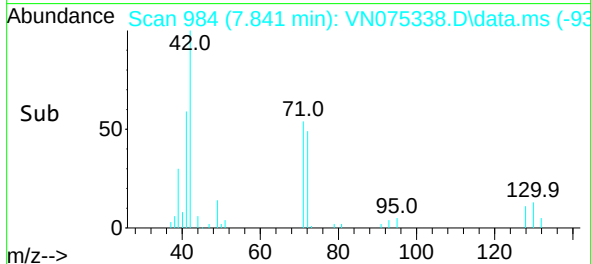
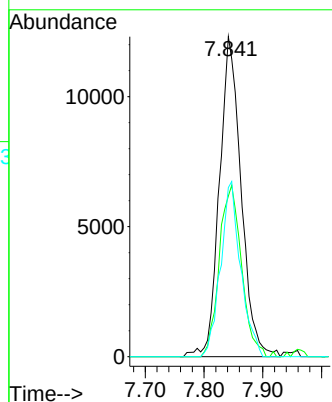
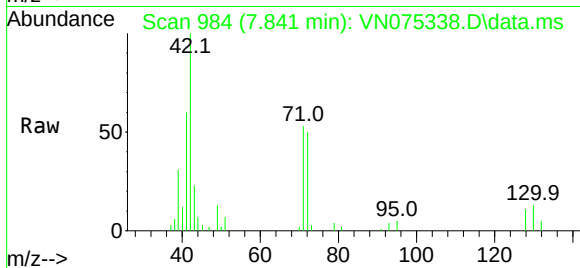
Tgt Ion:	42	Resp:	31574
Ion Ratio	Lower	Upper	
42	100		
72	54.8	43.0	64.6
71	50.6	39.9	59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#30

Chloroform

Concen: 8.935 ug/l

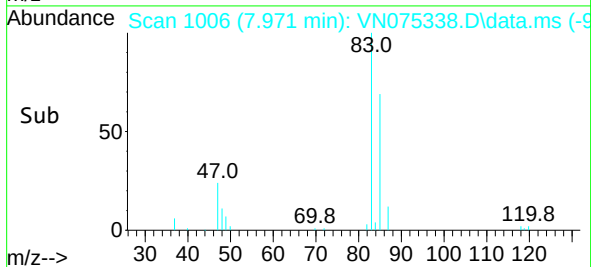
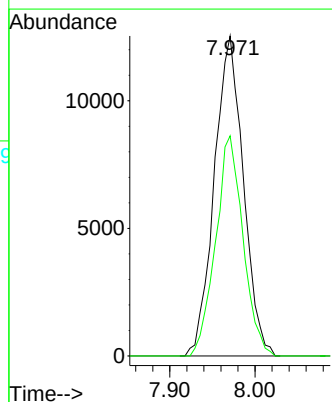
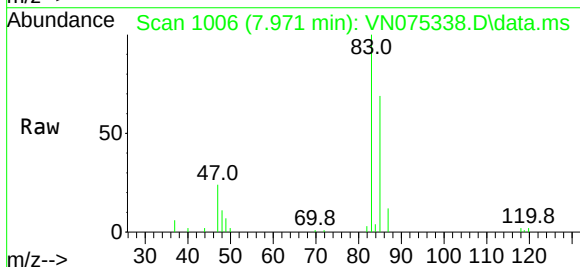
RT: 7.971 min Scan# 1006

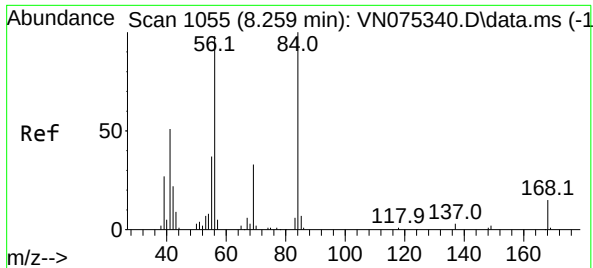
Delta R.T. -0.000 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

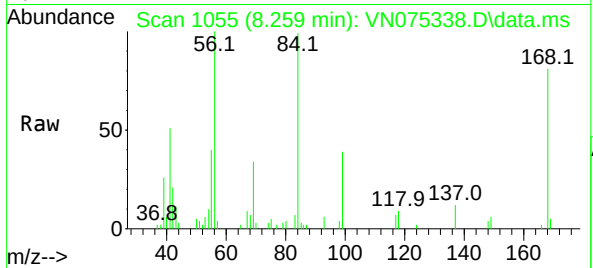
Tgt Ion:	83	Resp:	29667
Ion Ratio	Lower	Upper	
83	100		
85	68.8	51.4	77.0





#31
Cyclohexane
Concen: 9.446 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

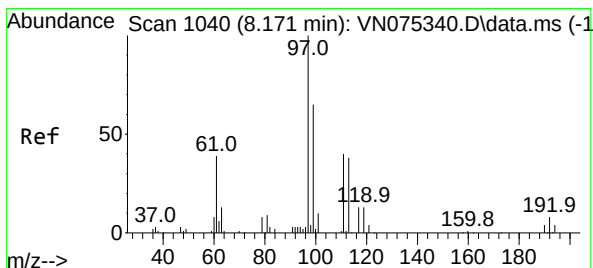
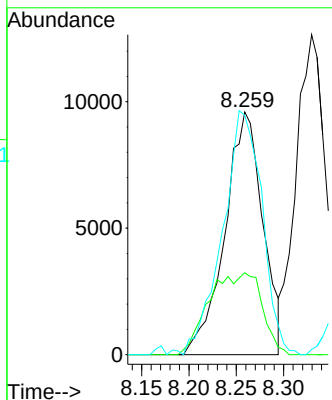
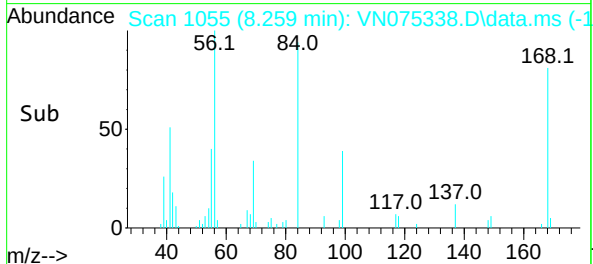
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



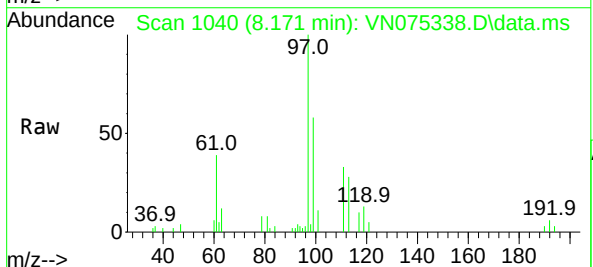
Tgt Ion: 56 Resp: 26738
Ion Ratio Lower Upper
56 100
69 33.8 25.2 37.8
84 97.1 77.8 116.8

Manual Integrations
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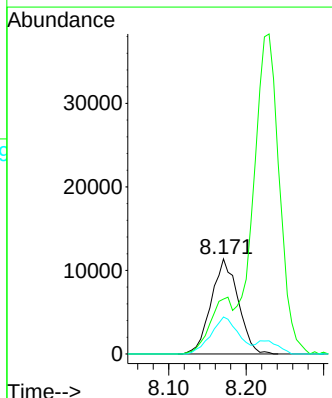
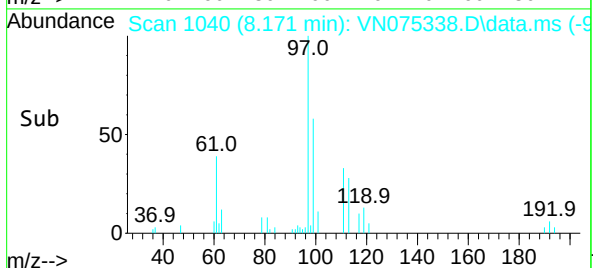
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

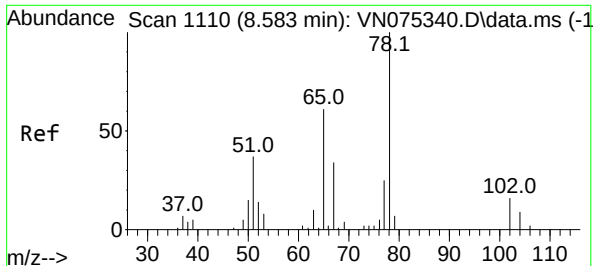


#32
1,1,1-Trichloroethane
Concen: 9.107 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



Tgt Ion: 97 Resp: 27530
Ion Ratio Lower Upper
97 100
99 49.0 50.2 75.2#
61 39.6 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 4.449 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 65 Resp: 790

Ion Ratio Lower Upper

65 100

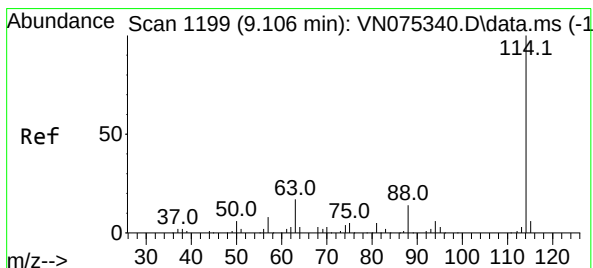
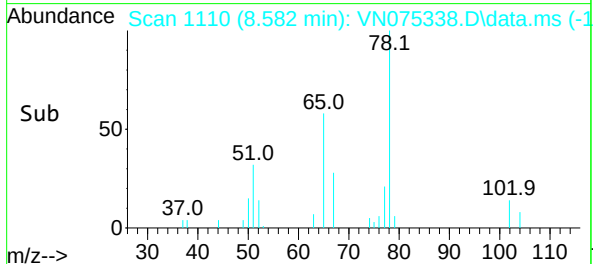
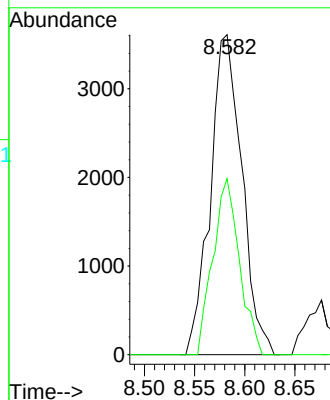
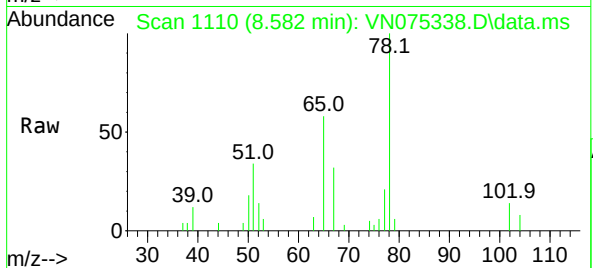
67 46.2 0.0 102.0

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

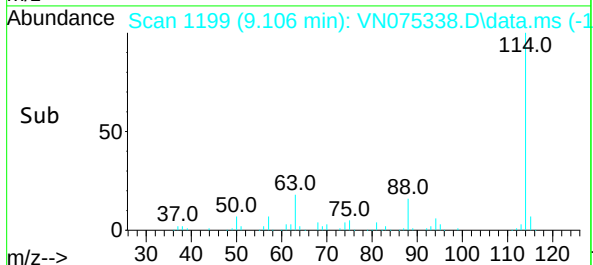
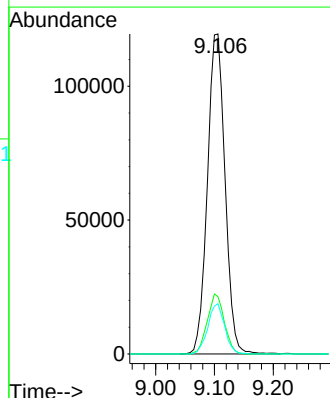
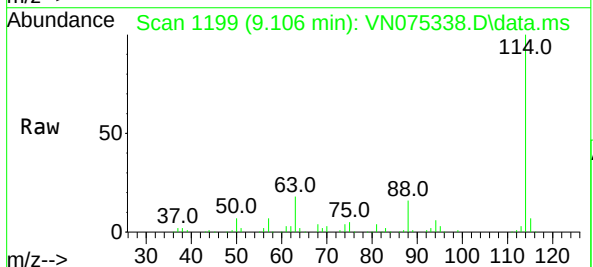
Tgt Ion:114 Resp: 249476

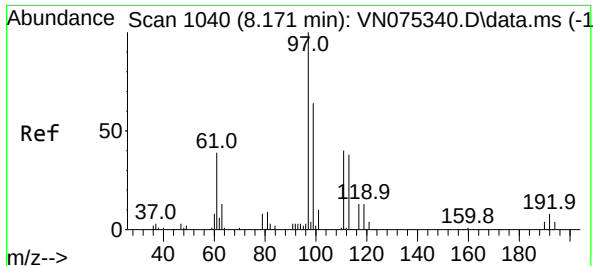
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 6.701 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 113 Resp: 936

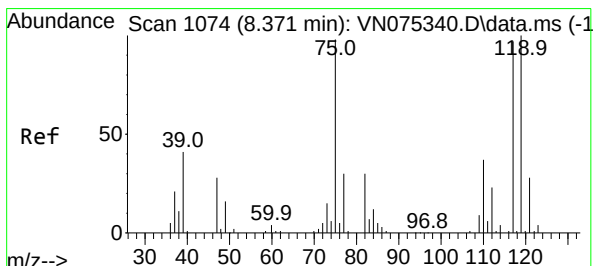
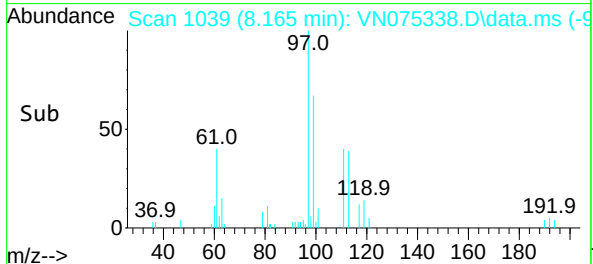
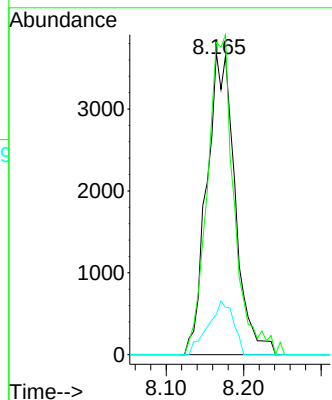
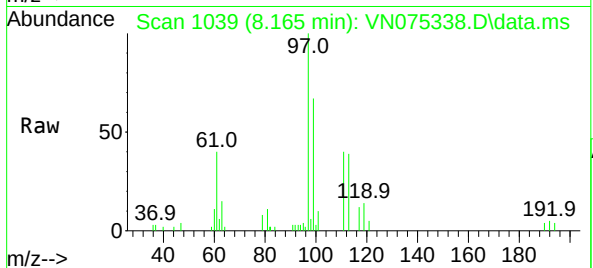
Ion	Ratio	Lower	Upper
113	100		
111	100.4	80.5	120.7
192	15.9	13.2	19.8

Manual Integrations

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Reviewed By : John Carlone 11/22/2022

Supervised By : Mahesh Dadoda 11/23/2022



#36

1,1-Dichloropropene

Concen: 9.209 ug/l

RT: 8.377 min Scan# 1075

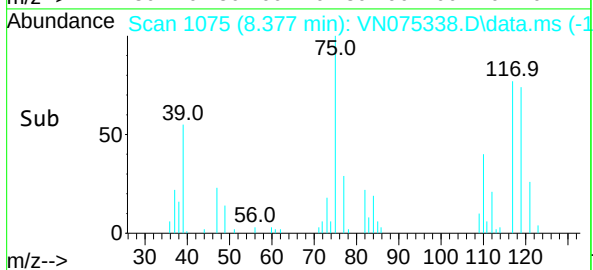
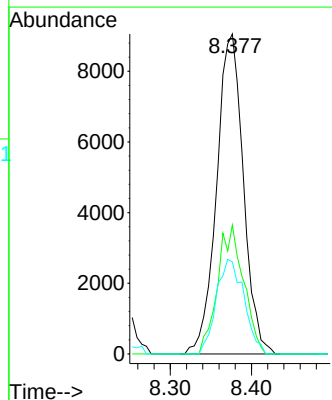
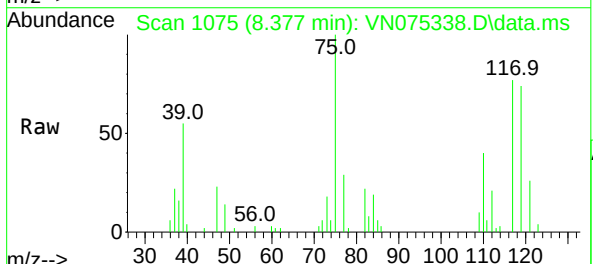
Delta R.T. 0.006 min

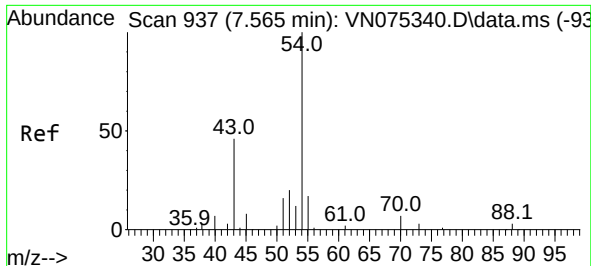
Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

Tgt Ion: 75 Resp: 20741

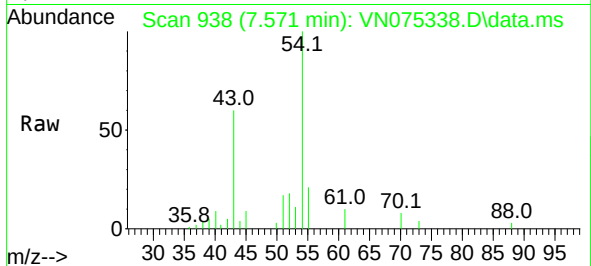
Ion	Ratio	Lower	Upper
75	100		
110	39.0	17.8	53.3
77	30.5	24.6	37.0





#37
Ethyl Acetate
Concen: 8.196 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

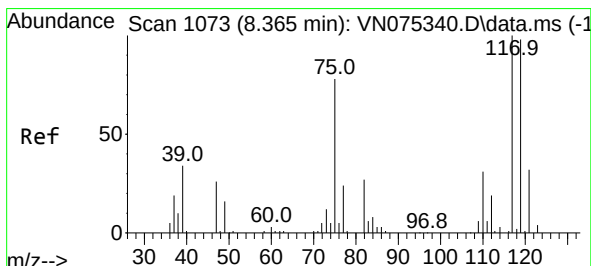
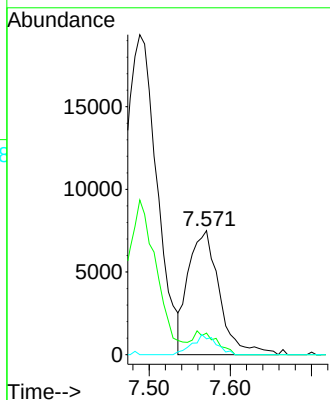
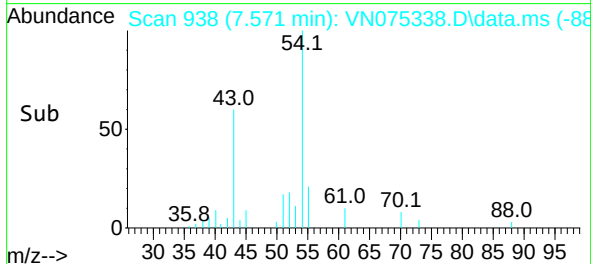
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



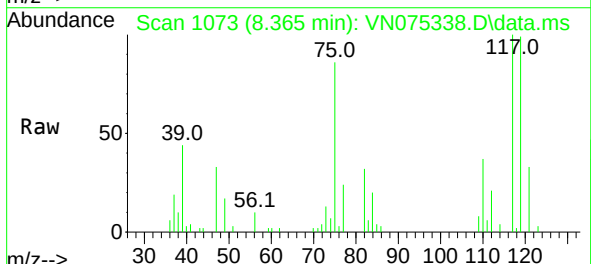
Tgt Ion: 43 Resp: 1996
Ion Ratio Lower Upper
43 100
61 13.9 12.2 18.4
70 12.3 9.4 14.2

Manual Integrations
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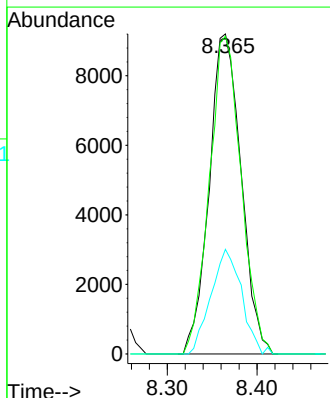
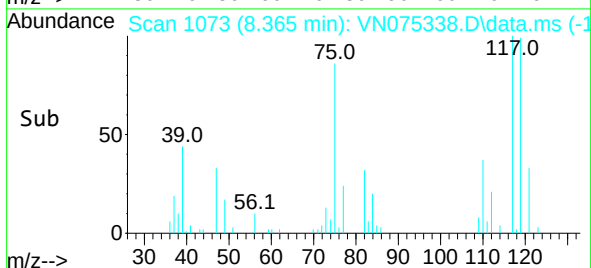
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

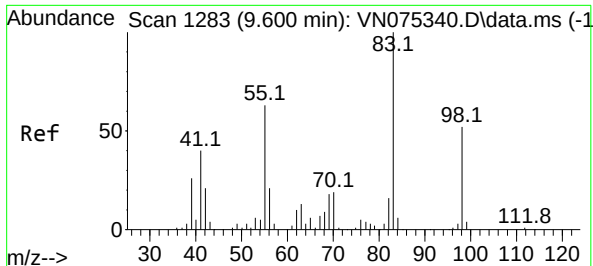


#38
Carbon Tetrachloride
Concen: 9.155 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



Tgt Ion:117 Resp: 22717
Ion Ratio Lower Upper
117 100
119 99.3 76.7 115.1
121 32.7 23.9 35.9





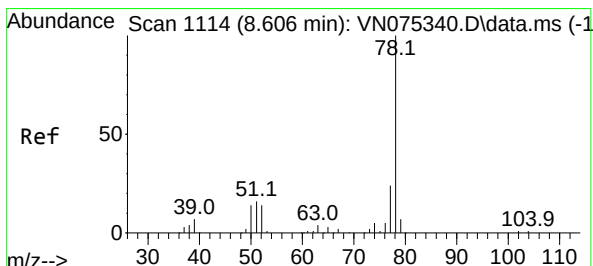
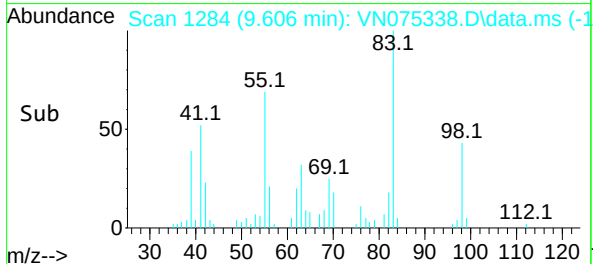
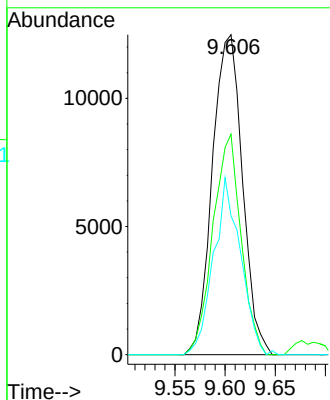
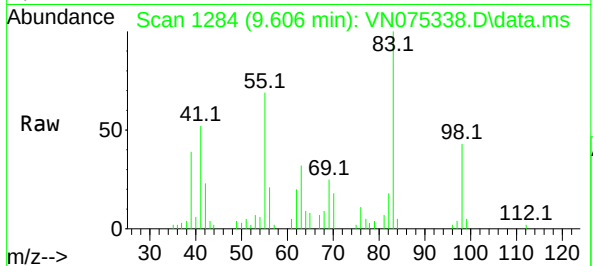
#39
Methylcyclohexane
Concen: 8.806 ug/l
RT: 9.606 min Scan# 11283
Delta R.T. 0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 26020
Ion Ratio Lower Upper
83 100
55 68.9 53.6 80.4
98 43.4 41.1 61.7

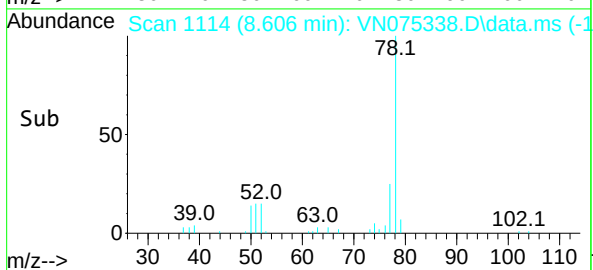
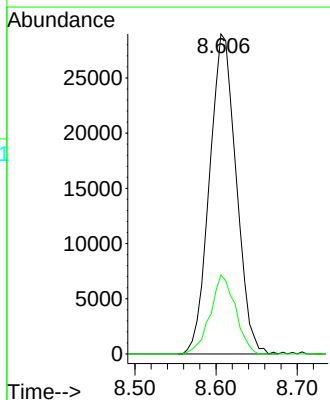
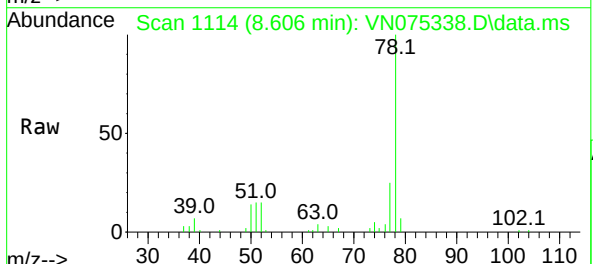
Manual Integrations
APPROVED

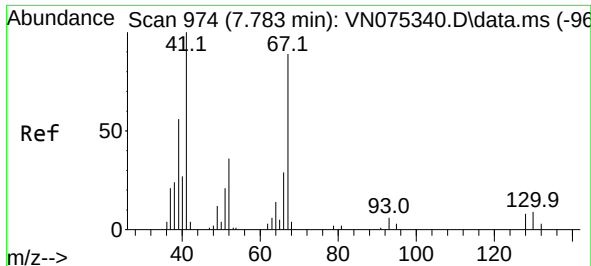
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#40
Benzene
Concen: 9.588 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 78 Resp: 66098
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0





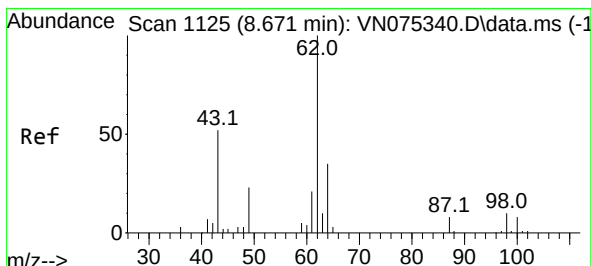
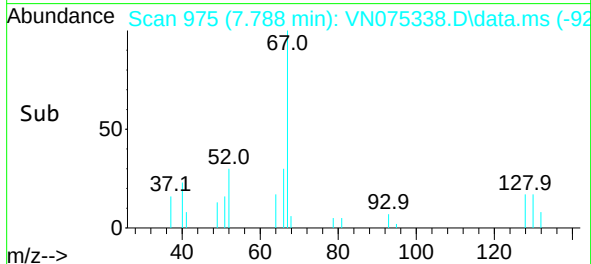
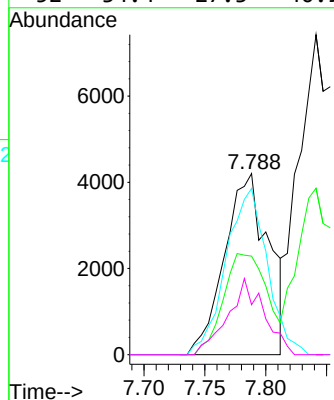
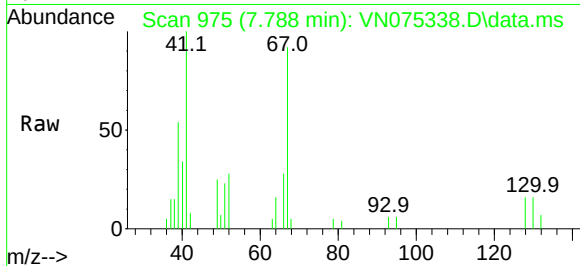
#41
Methacrylonitrile
Concen: 9.138 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 1056
Ion Ratio Lower Upper
41 100
39 55.6 44.4 66.6
67 86.2 69.8 104.6
52 34.4 27.3 40.9

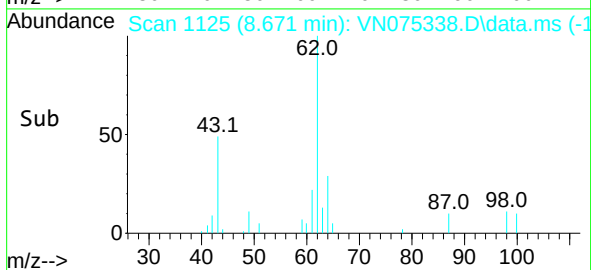
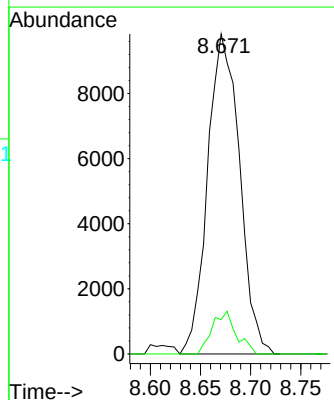
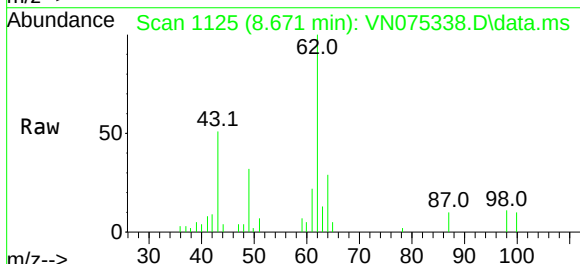
Manual Integrations
APPROVED

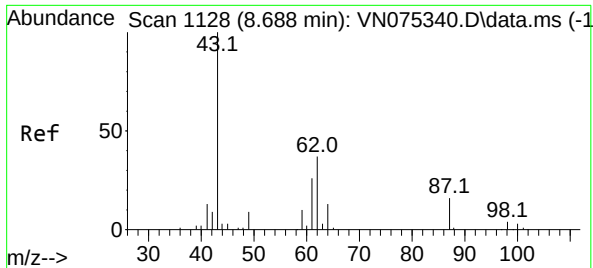
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#42
1,2-Dichloroethane
Concen: 8.804 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 62 Resp: 21779
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.2





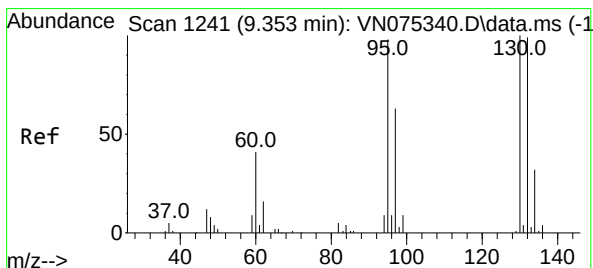
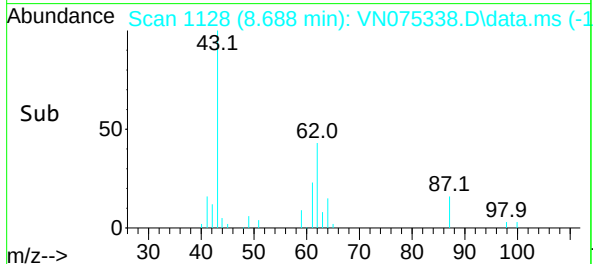
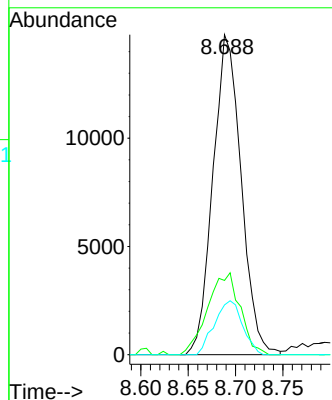
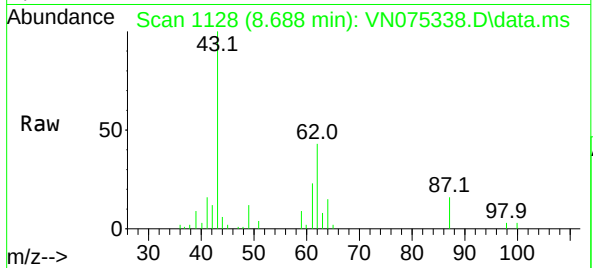
#43
Isopropyl Acetate
Concen: 8.175 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 30660
Ion Ratio Lower Upper
43 100
61 29.5 22.4 33.6
87 16.7 12.5 18.7

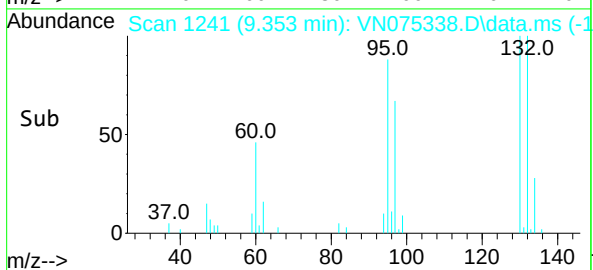
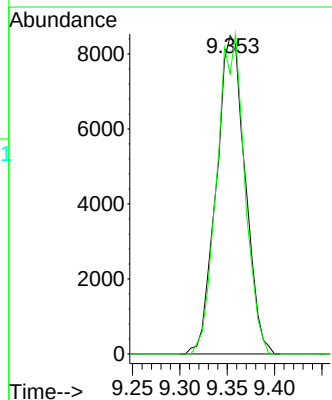
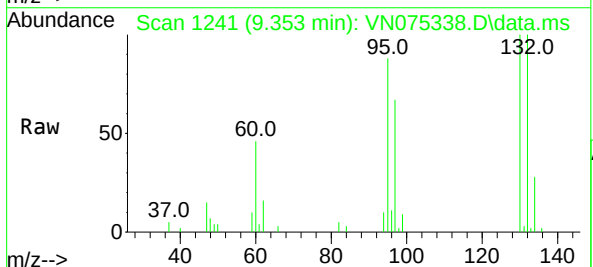
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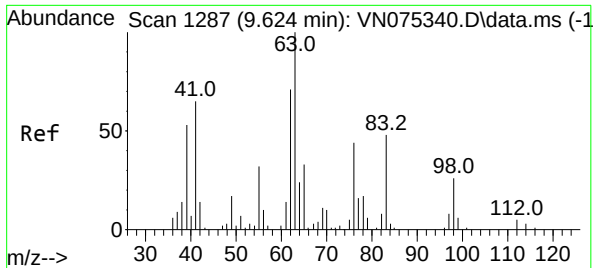
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#44
Trichloroethene
Concen: 10.216 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion:130 Resp: 17969
Ion Ratio Lower Upper
130 100
95 88.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 9.782 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 1599

Ion Ratio Lower Upper

63 100

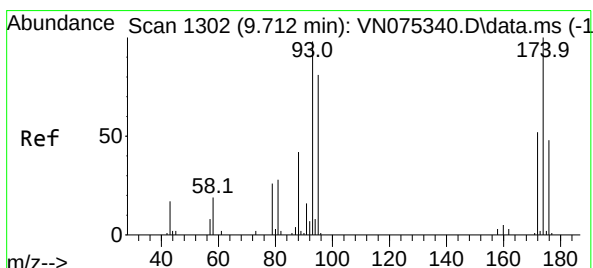
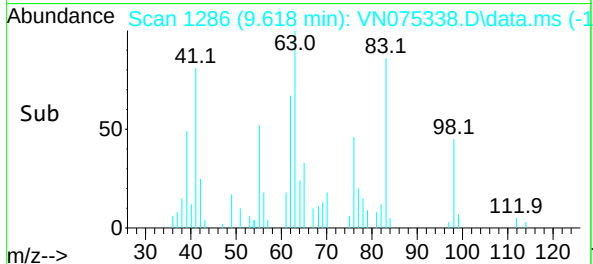
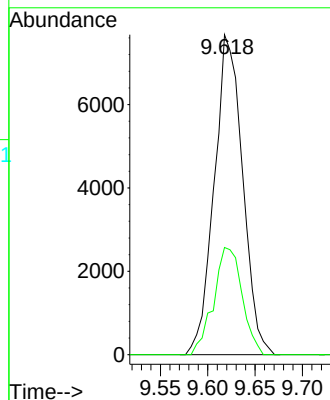
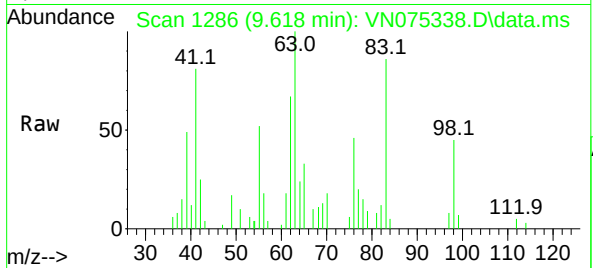
65 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#46

Dibromomethane

Concen: 8.929 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

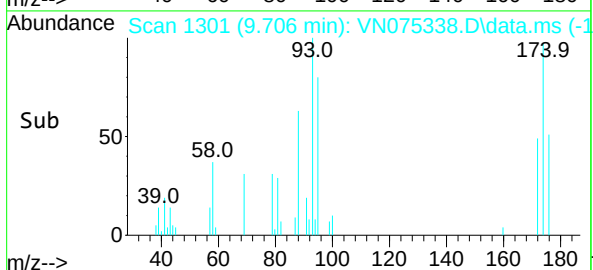
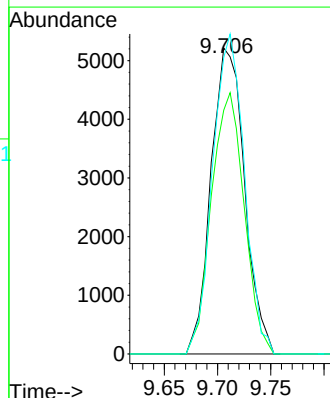
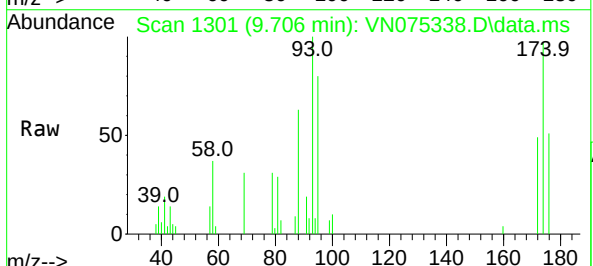
Tgt Ion: 93 Resp: 11397

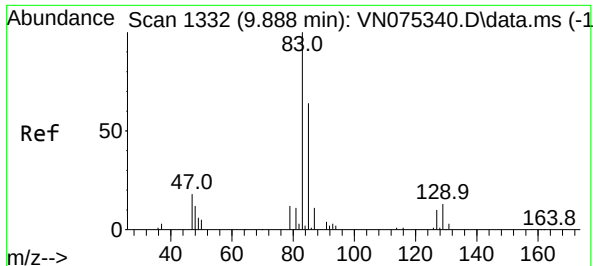
Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 99.2 70.3 105.5





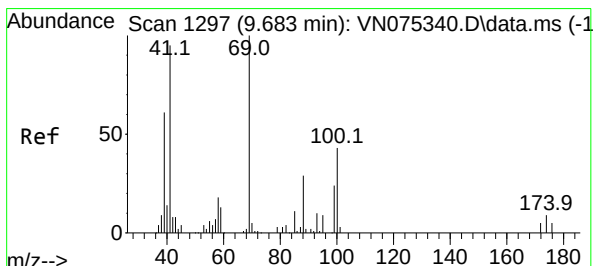
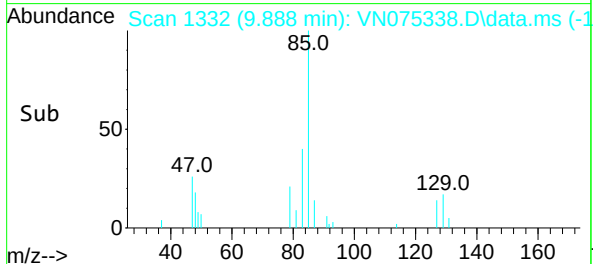
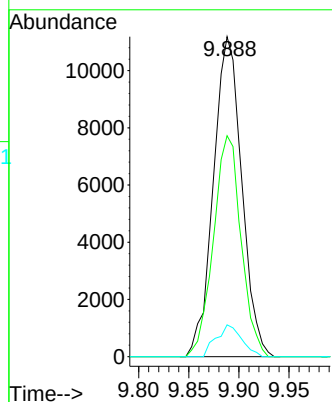
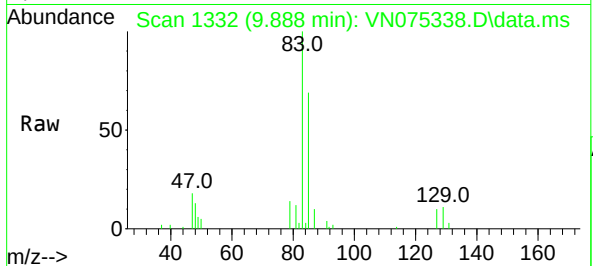
#47
Bromodichloromethane
Concen: 8.889 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 21969
Ion Ratio Lower Upper
83 100
85 69.0 52.1 78.1
127 9.9 6.6 10.0

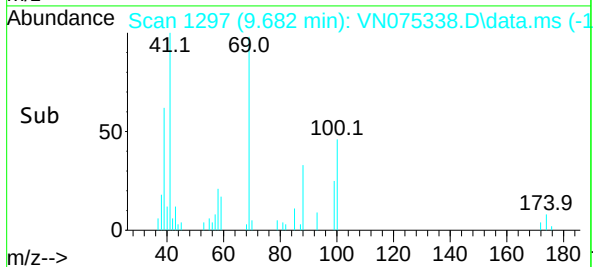
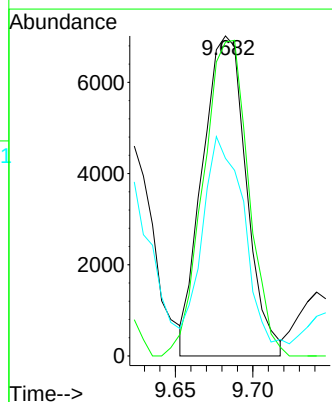
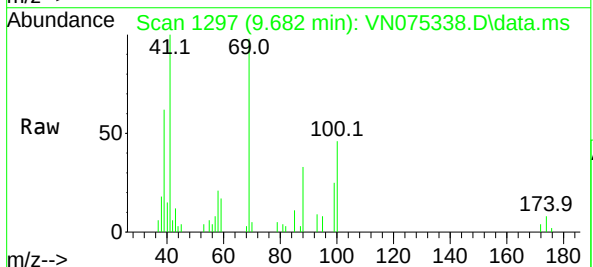
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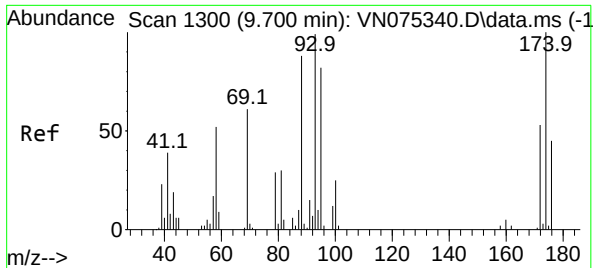
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#48
Methyl methacrylate
Concen: 7.981 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 41 Resp: 13820
Ion Ratio Lower Upper
41 100
69 101.6 80.2 120.2
39 67.4 56.2 84.2





#49

1,4-Dioxane

Concen: 181.178 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 8370

Ion Ratio Lower Upper

88 100

43 14.9 17.5 26.3

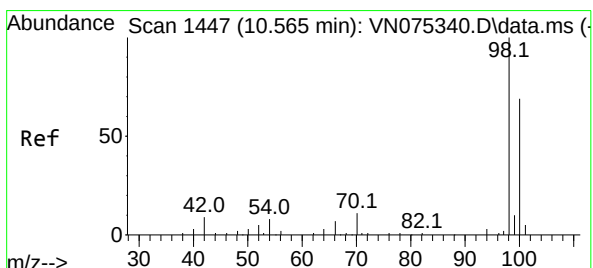
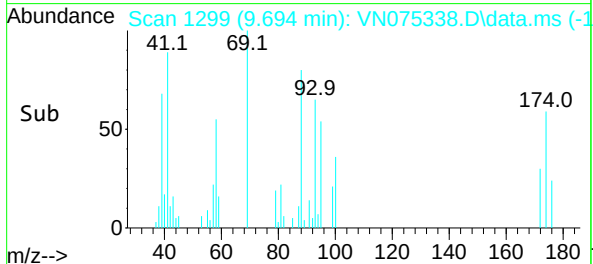
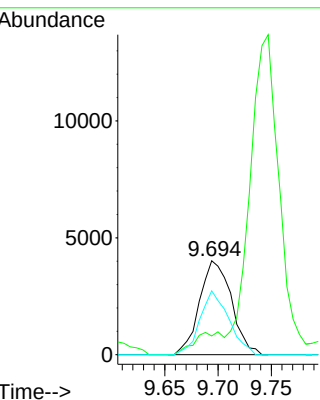
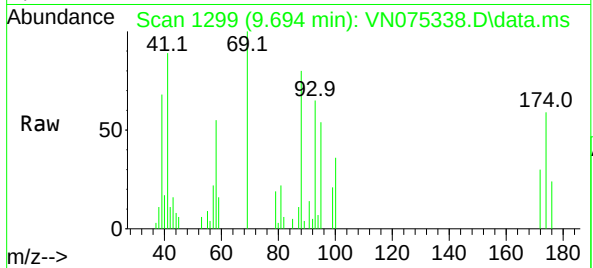
58 61.4 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#50

Toluene-d8

Concen: 3.969 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075338.D

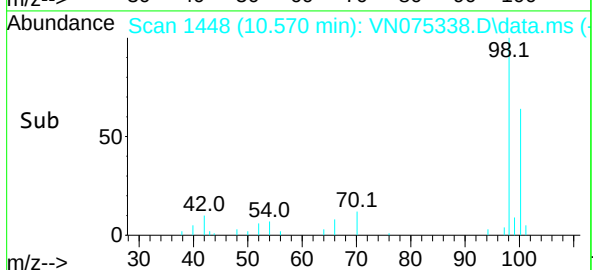
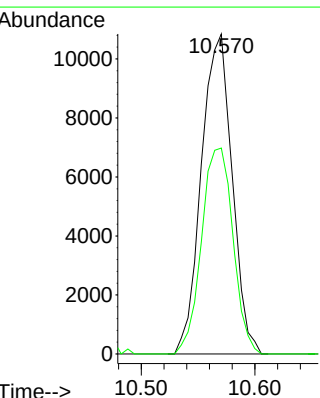
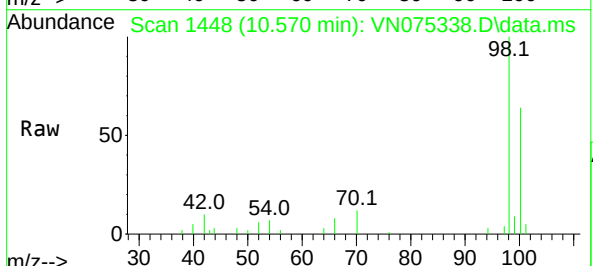
Acq: 21 Nov 2022 11:53

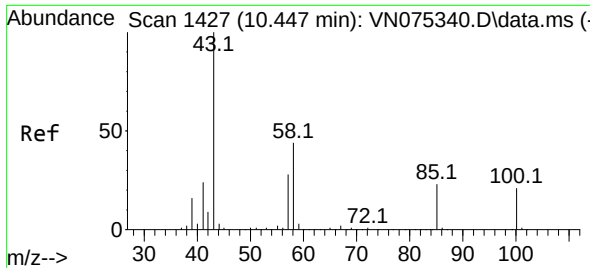
Tgt Ion: 98 Resp: 20388

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6





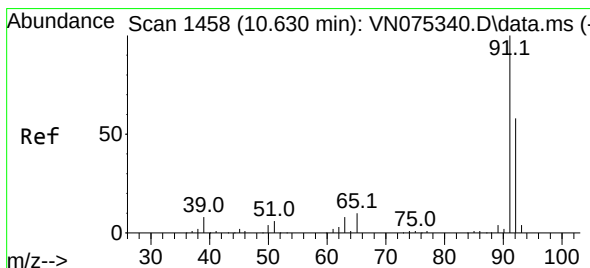
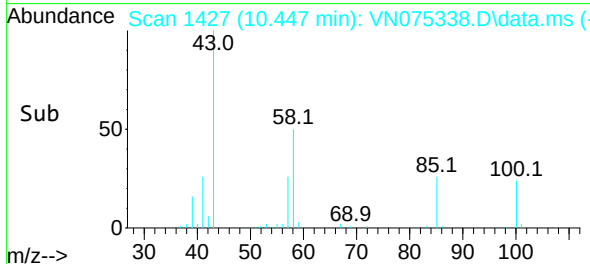
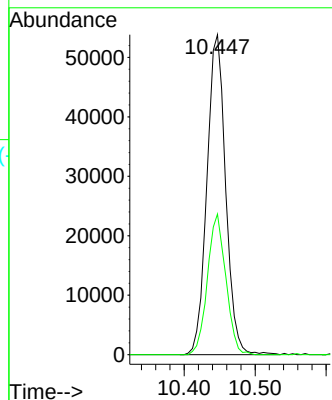
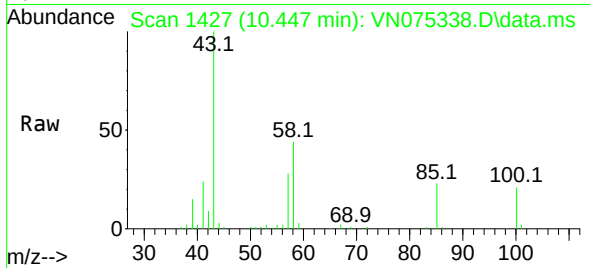
#51
4-Methyl-2-Pentanone
Concen: 40.792 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 98620
Ion Ratio Lower Upper
43 100
58 43.1 33.6 50.4

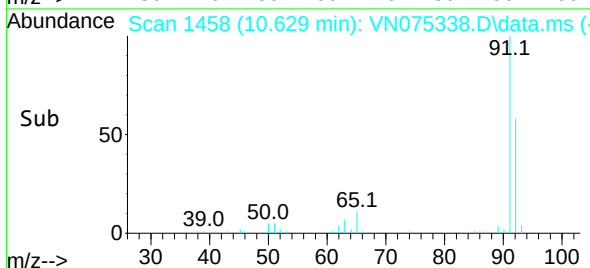
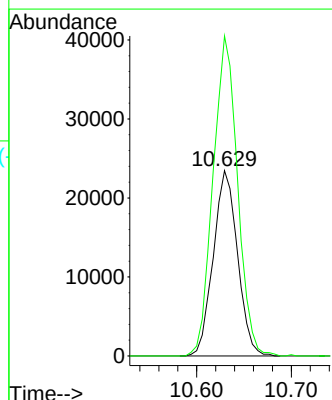
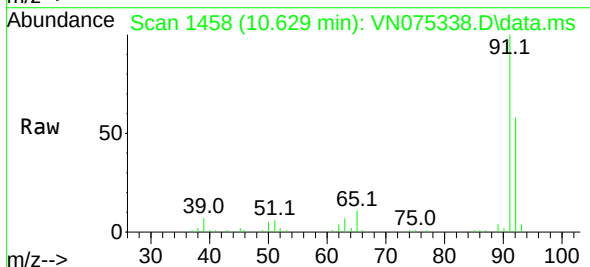
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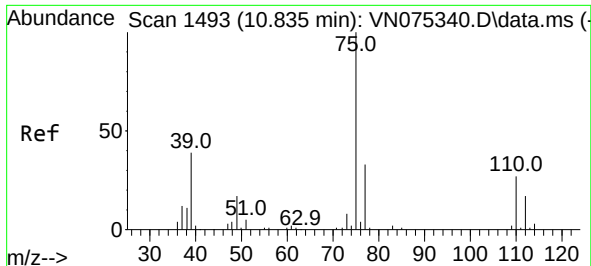
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#52
Toluene
Concen: 9.137 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

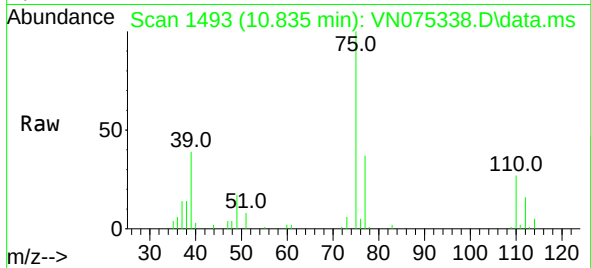
Tgt Ion: 92 Resp: 41747
Ion Ratio Lower Upper
92 100
91 174.4 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 8.599 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN075338.D
 Acq: 21 Nov 2022 11:53

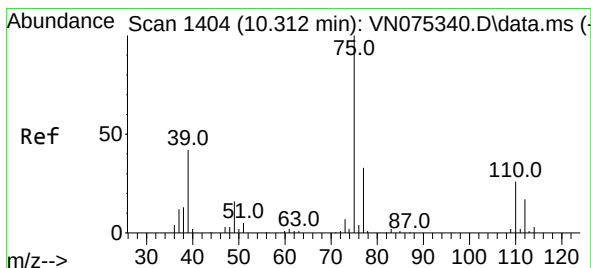
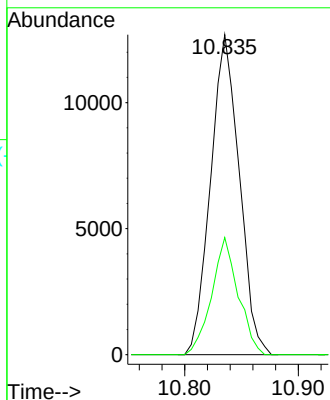
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion: 75 Resp: 22270
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.4 38.2

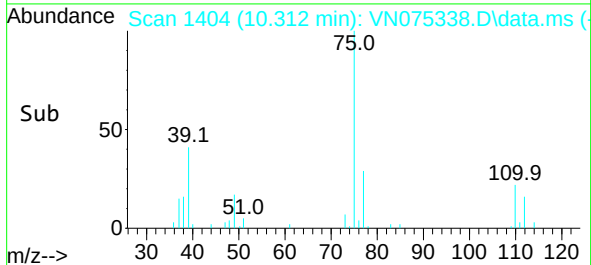
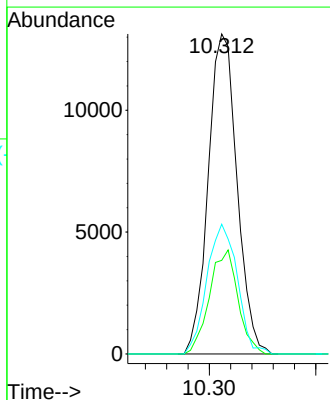
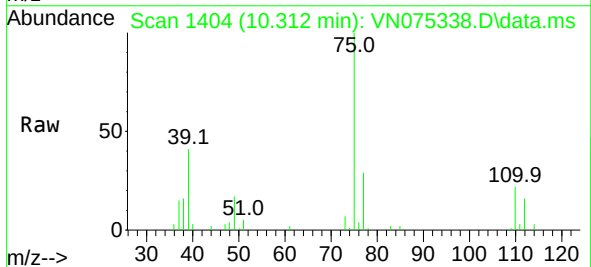
Manual Integrations
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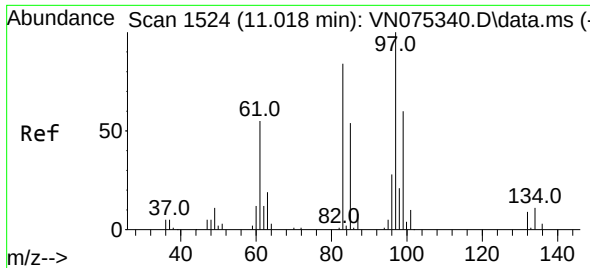
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#54
 cis-1,3-Dichloropropene
 Concen: 8.943 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075338.D
 Acq: 21 Nov 2022 11:53

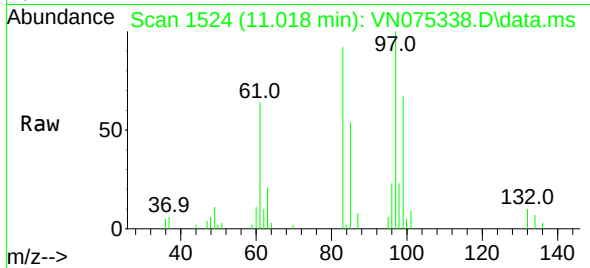
Tgt Ion: 75 Resp: 24664
 Ion Ratio Lower Upper
 75 100
 77 29.2 23.7 35.5
 39 40.6 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 9.251 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

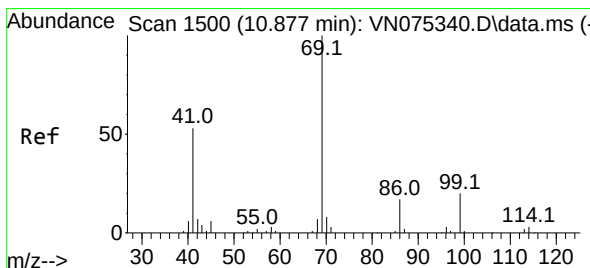
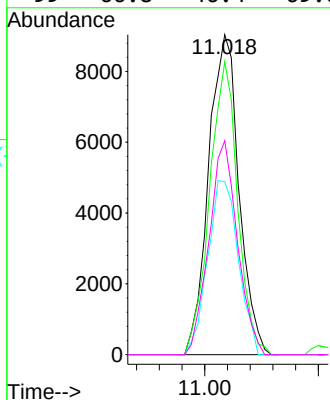
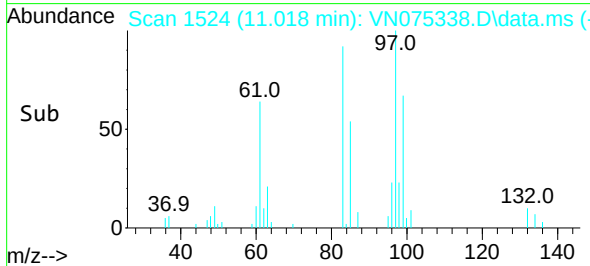
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



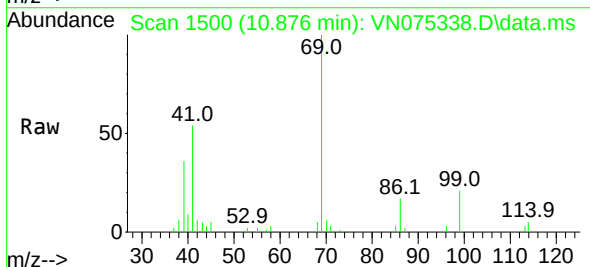
Tgt Ion:	97	Resp:	1677
Ion Ratio	Lower	Upper	
97	100		
83	91.5	65.9	98.9
85	54.1	40.4	60.6
99	66.8	46.4	69.6

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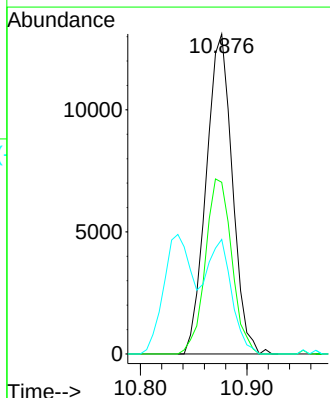
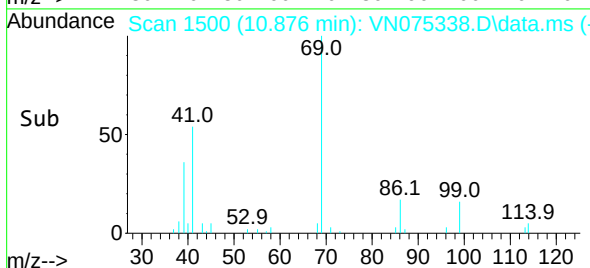
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

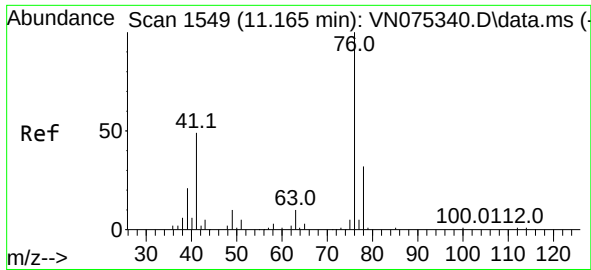


#56
Ethyl methacrylate
Concen: 8.121 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



Tgt Ion:	69	Resp:	22306
Ion Ratio	Lower	Upper	
69	100		
41	55.5	45.6	68.4
39	35.5	28.5	42.7





#57

1,3-Dichloropropane

Concen: 8.975 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 2712

Ion Ratio Lower Upper

76 100

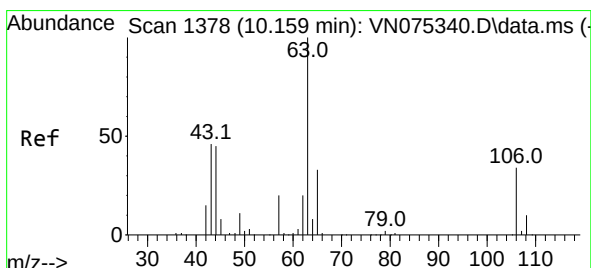
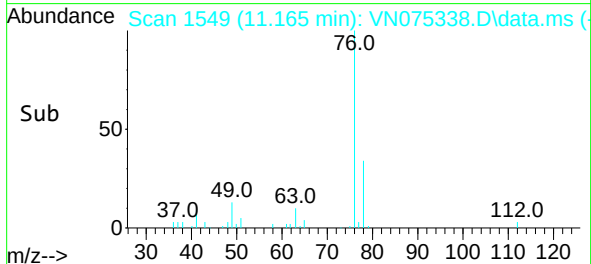
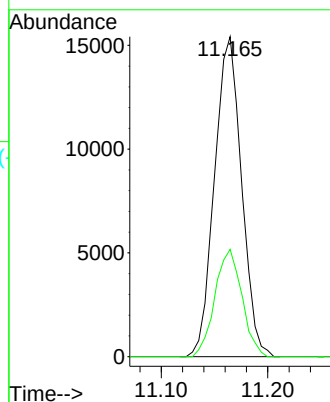
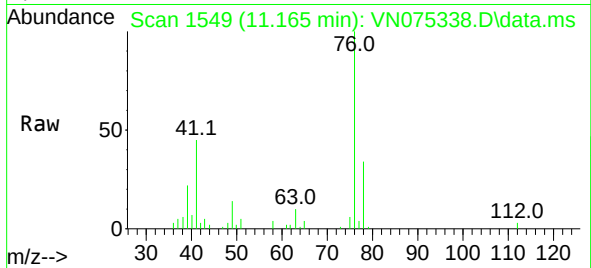
78 33.5 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 39.432 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075338.D

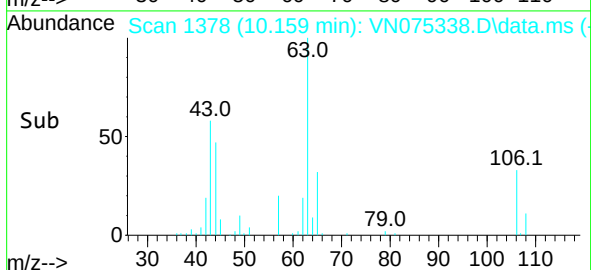
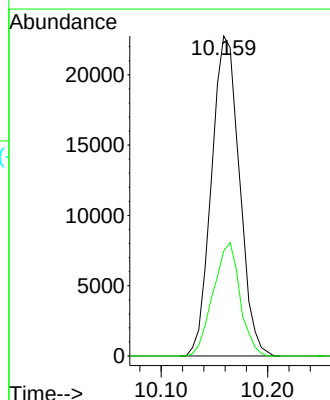
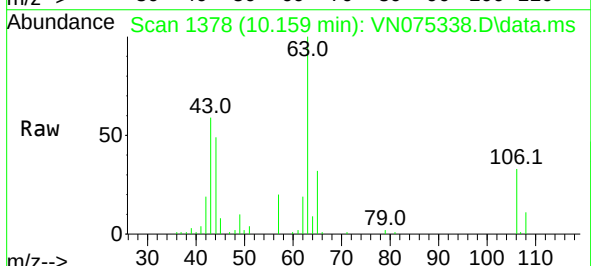
Acq: 21 Nov 2022 11:53

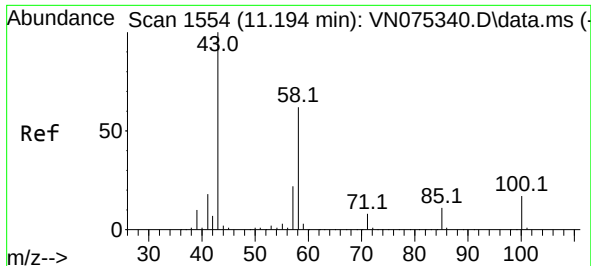
Tgt Ion: 63 Resp: 41382

Ion Ratio Lower Upper

63 100

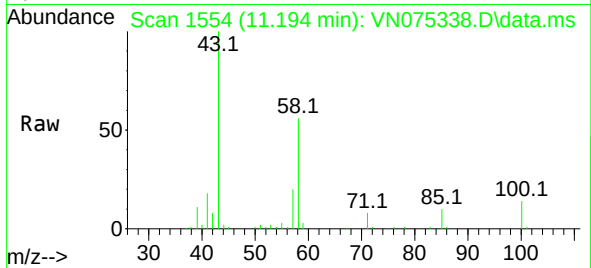
106 33.9 24.8 37.2





#59
2-Hexanone
Concen: 41.277 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

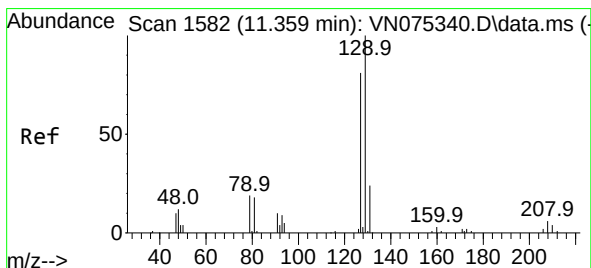
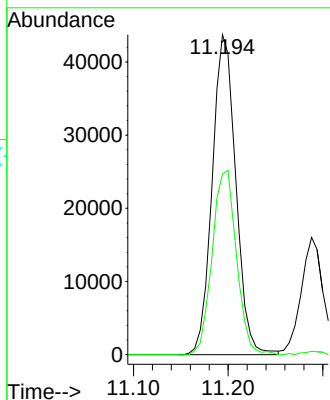
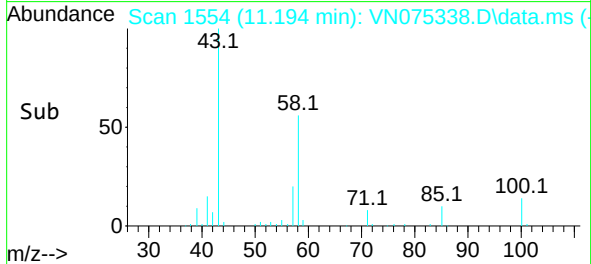
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



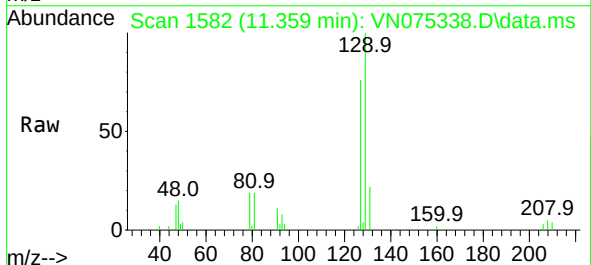
Tgt Ion: 43 Resp: 75798
Ion Ratio Lower Upper
43 100
58 59.2 29.6 88.8

Manual Integrations
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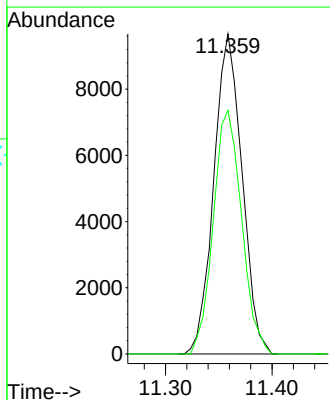
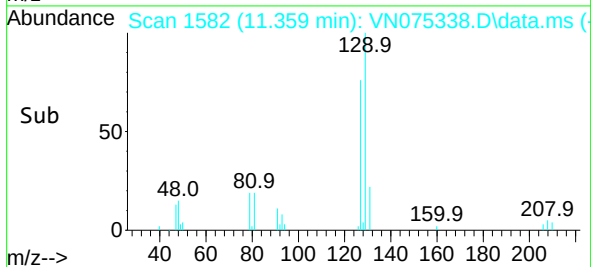
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

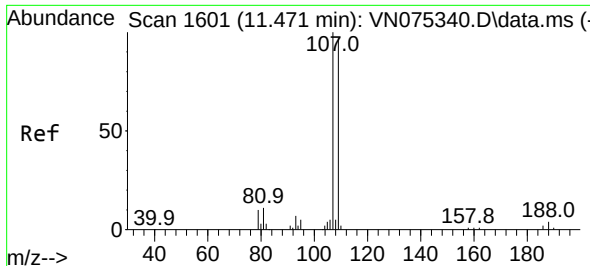


#60
Dibromochloromethane
Concen: 9.192 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



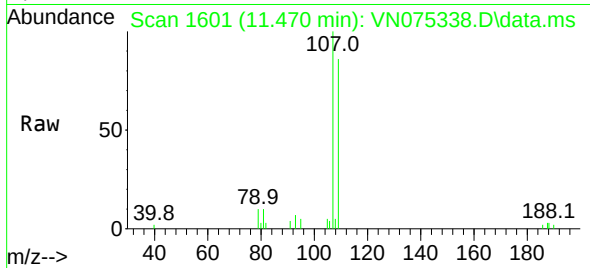
Tgt Ion:129 Resp: 17774
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 8.941 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

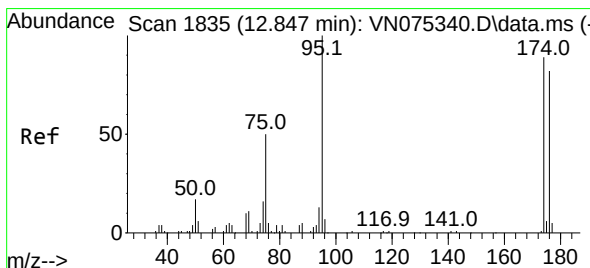
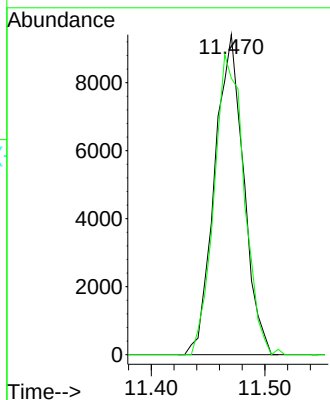
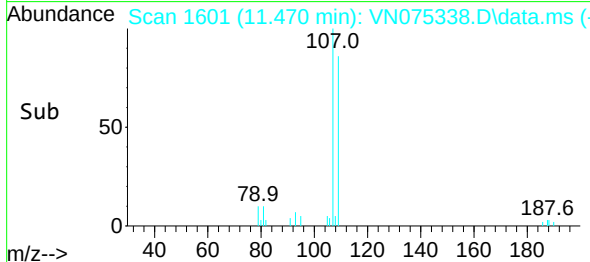
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



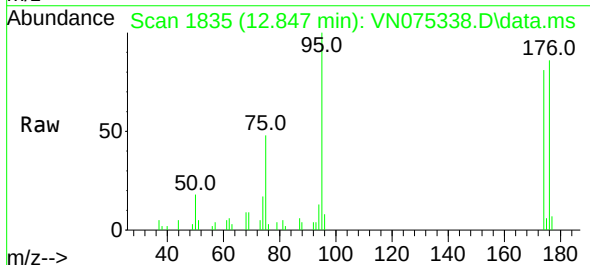
Tgt Ion:107 Resp: 1668
Ion Ratio Lower Upper
107 100
109 97.4 75.6 113.4

Manual Integrations
APPROVED

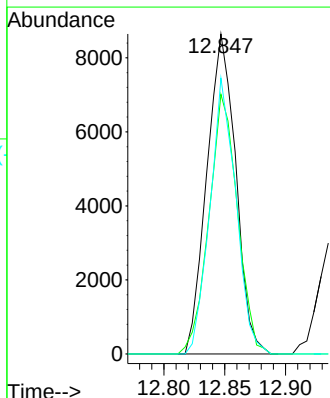
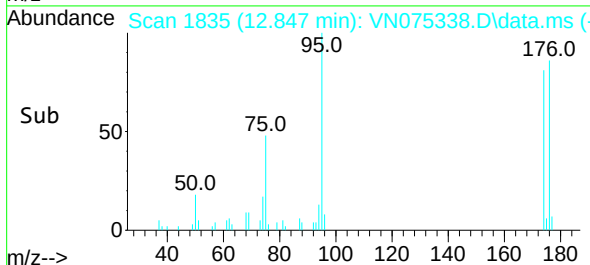
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

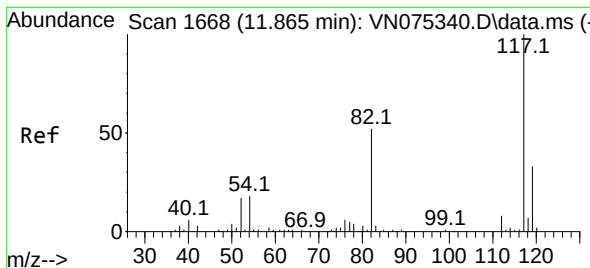


#62
4-Bromofluorobenzene
Concen: 7.355 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



Tgt Ion: 95 Resp: 14295
Ion Ratio Lower Upper
95 100
174 79.8 0.0 147.4
176 77.5 0.0 142.2





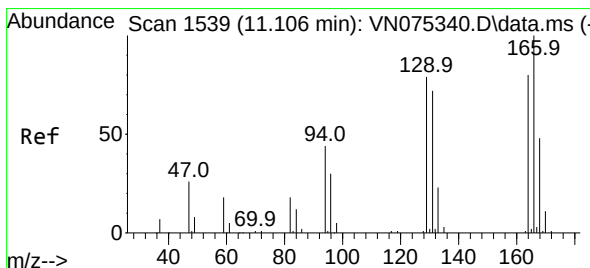
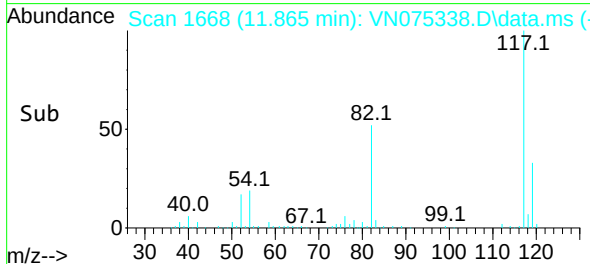
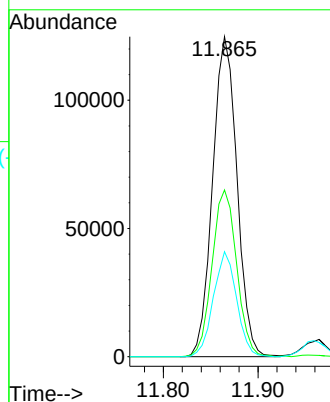
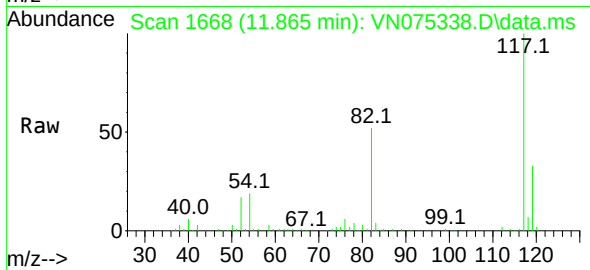
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:117 Resp: 222928
Ion Ratio Lower Upper
117 100
82 52.1 43.1 64.7
119 32.8 25.5 38.3

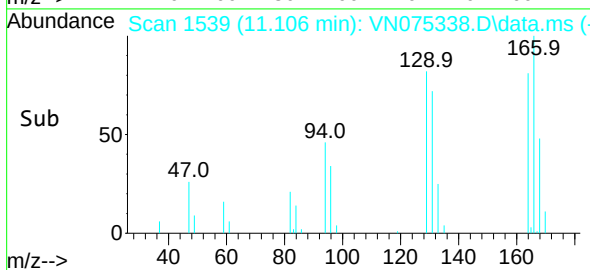
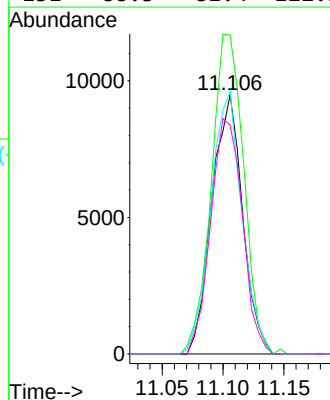
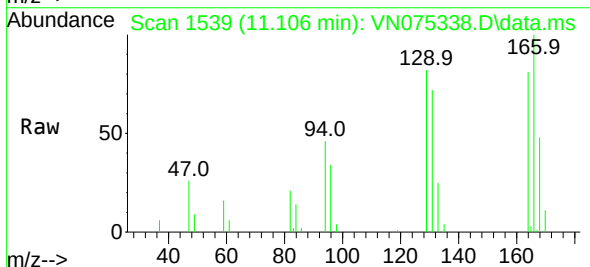
Manual Integrations
APPROVED

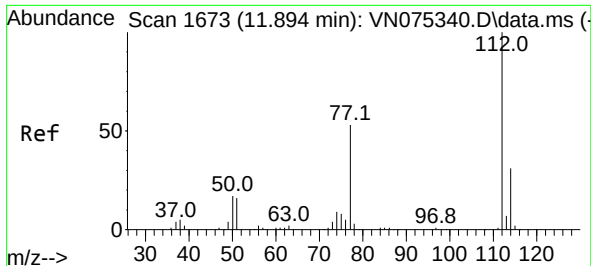
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#64
Tetrachloroethene
Concen: 11.755 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion:164 Resp: 16685
Ion Ratio Lower Upper
164 100
166 123.1 106.5 159.7
129 101.5 81.9 122.9
131 88.3 81.4 122.2





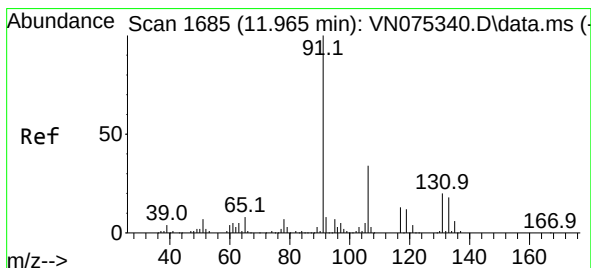
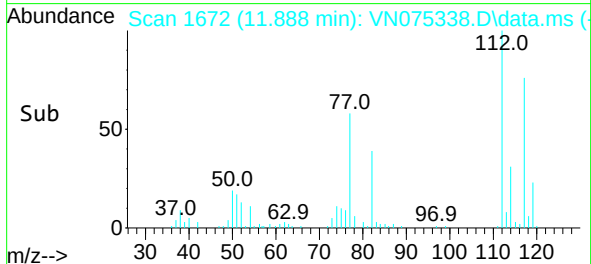
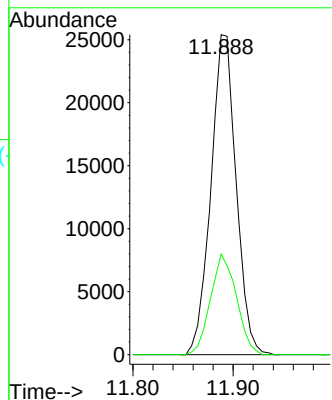
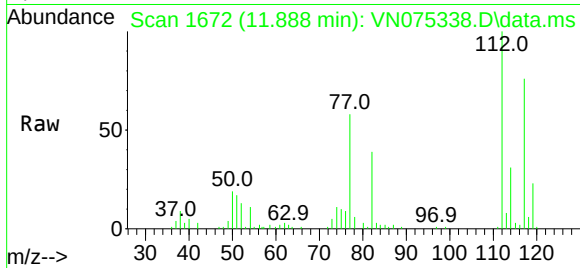
#65
Chlorobenzene
Concen: 9.352 ug/l
RT: 11.888 min Scan# 1188
Delta R.T. -0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 44472
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

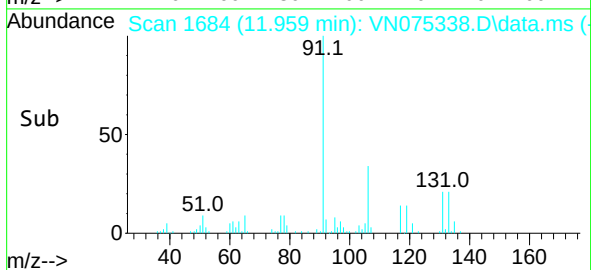
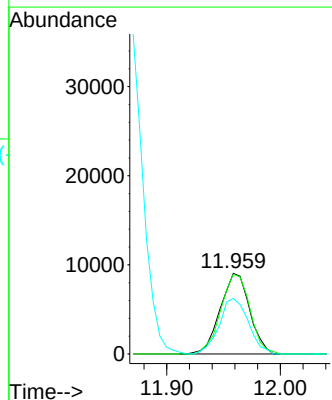
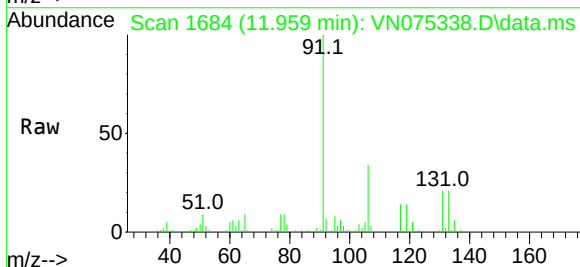
Manual Integrations
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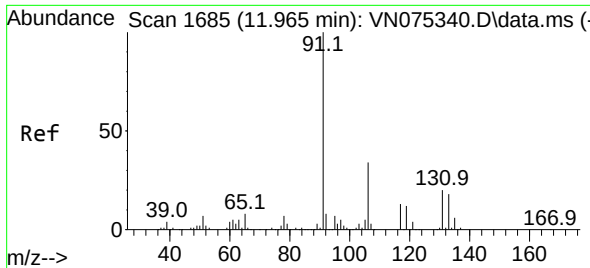
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 9.175 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

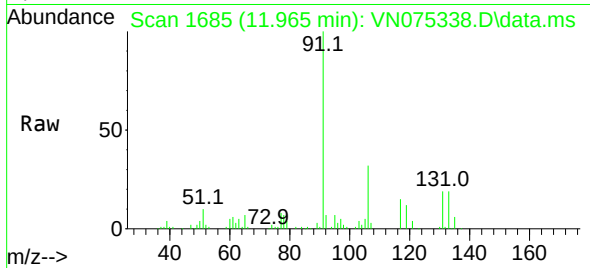
Tgt Ion:131 Resp: 16210
Ion Ratio Lower Upper
131 100
133 98.2 47.8 143.4
119 68.6 33.0 99.0





#67
Ethyl Benzene
Concen: 9.113 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

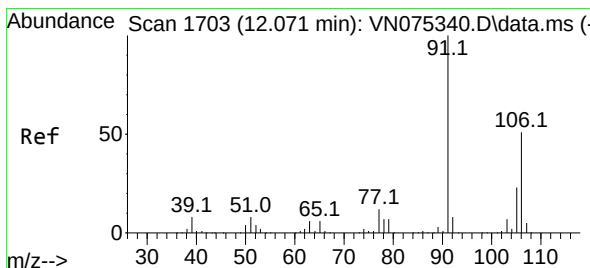
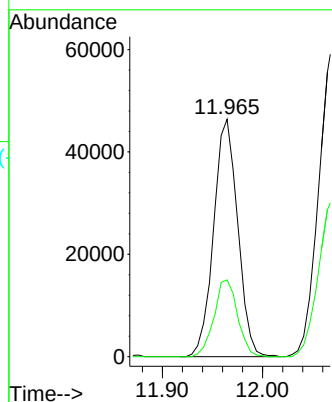
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



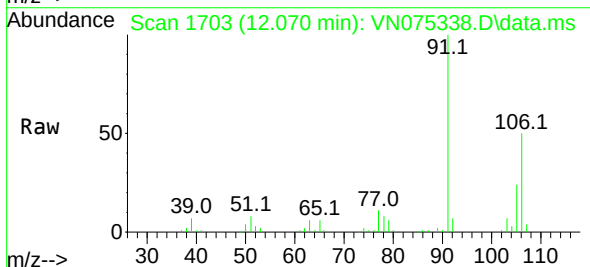
Tgt Ion: 91 Resp: 77399
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

Manual Integrations
APPROVED

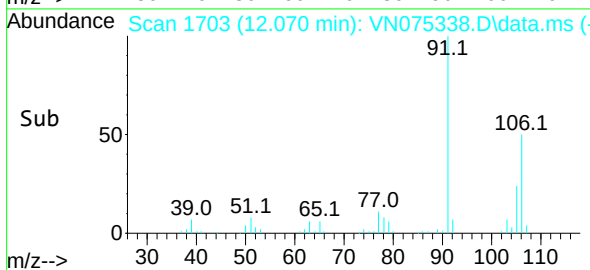
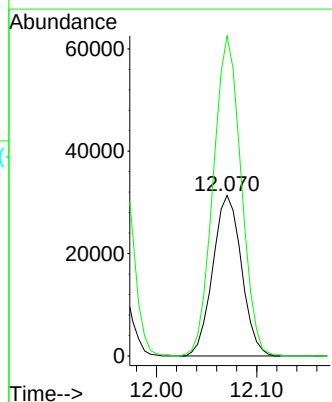
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

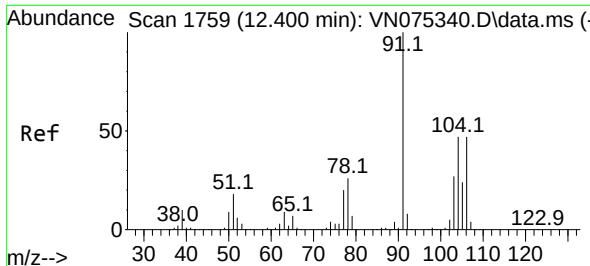


#68
m/p-Xylenes
Concen: 18.371 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



Tgt Ion:106 Resp: 62291
Ion Ratio Lower Upper
106 100
91 194.2 156.0 234.0





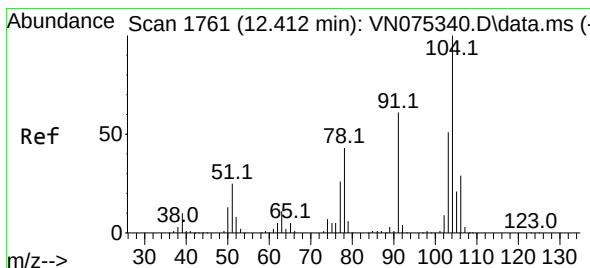
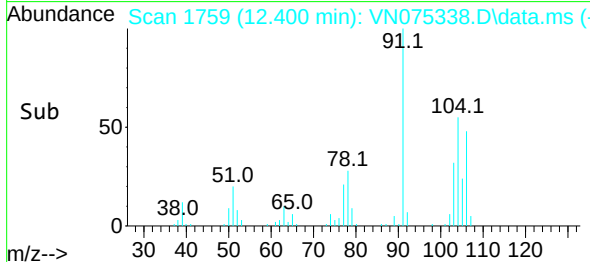
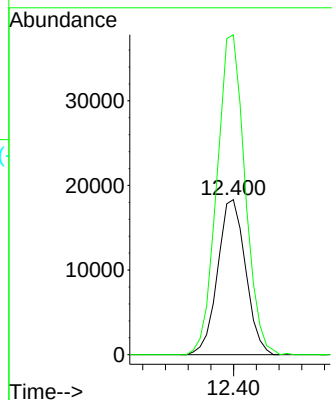
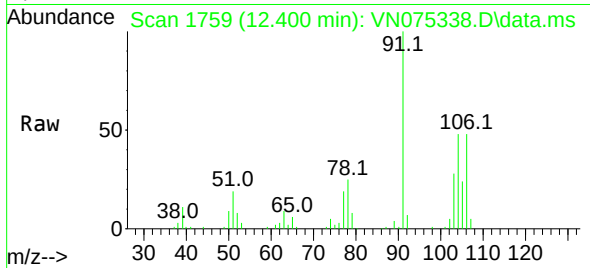
#69
o-Xylene
Concen: 9.318 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 31292
Ion Ratio Lower Upper
106 100
91 208.2 105.2 315.5

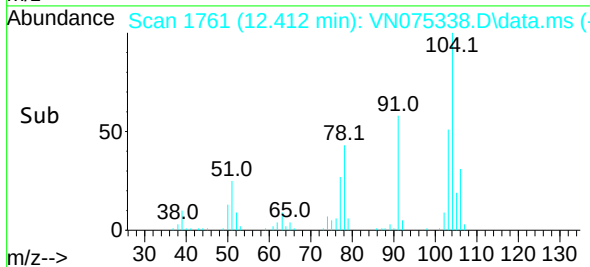
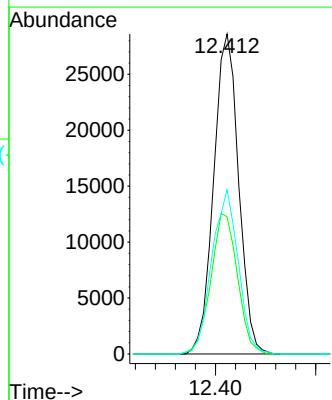
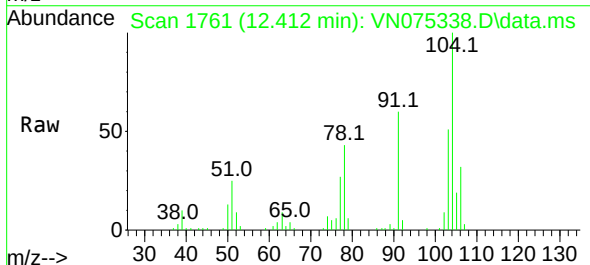
Manual Integrations
APPROVED

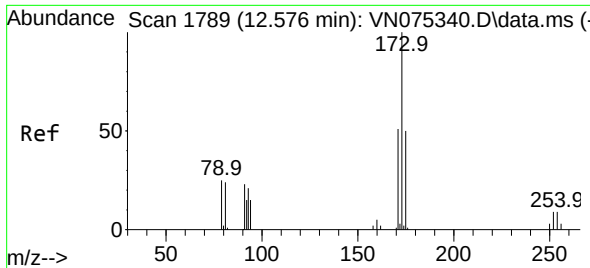
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#70
Styrene
Concen: 9.193 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion:104 Resp: 49390
Ion Ratio Lower Upper
104 100
78 46.9 38.1 57.1
103 54.2 44.6 66.8





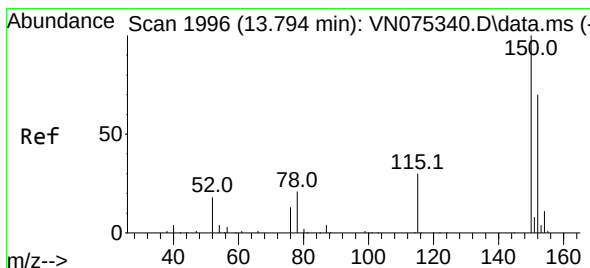
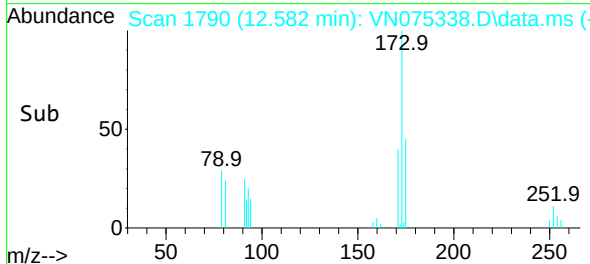
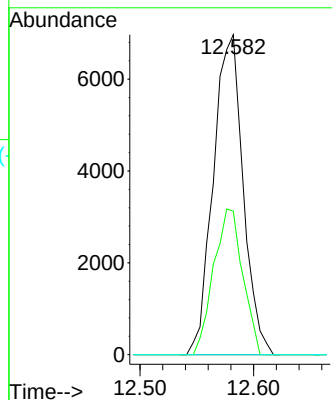
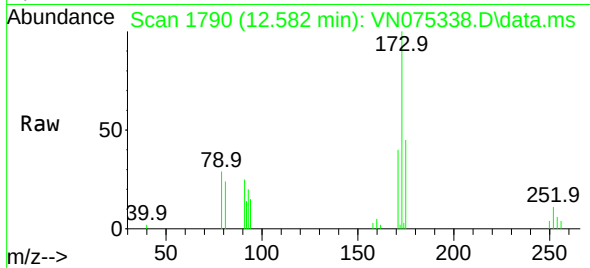
#71
Bromoform
Concen: 9.499 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 1271
Ion Ratio Lower Upper
173 100
175 44.4 24.6 74.0
254 0.0 0.0 0.0

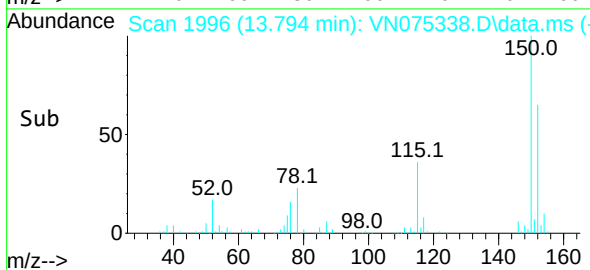
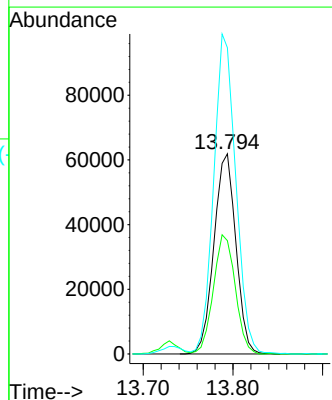
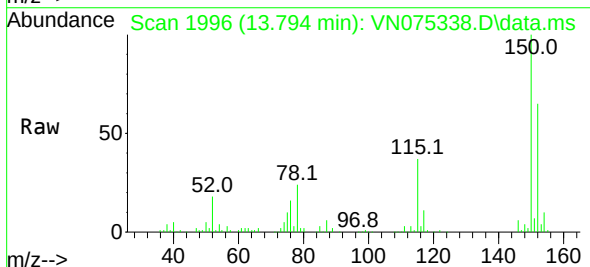
Manual Integrations
APPROVED

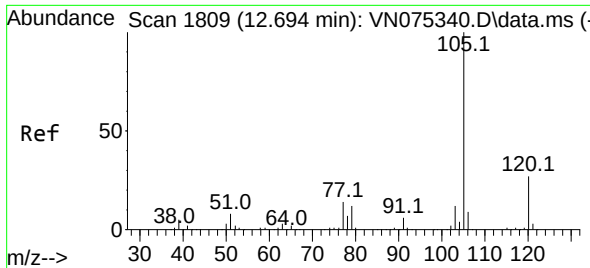
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion:152 Resp: 105054
Ion Ratio Lower Upper
152 100
115 59.4 30.2 90.6
150 161.0 0.0 348.4





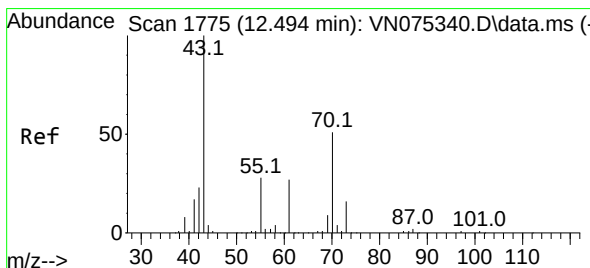
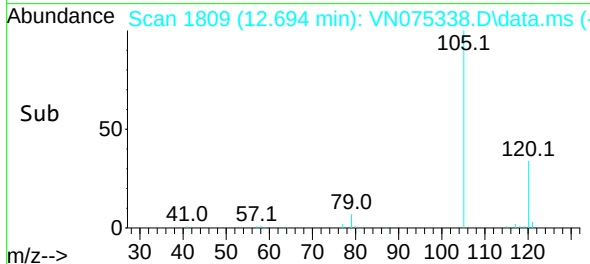
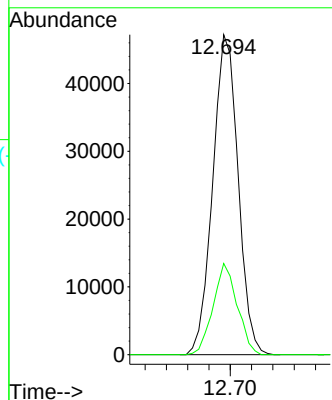
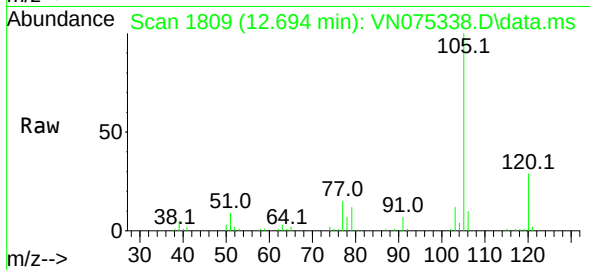
#73
Isopropylbenzene
Concen: 9.352 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 7796
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

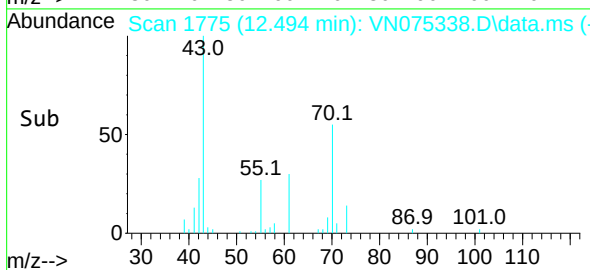
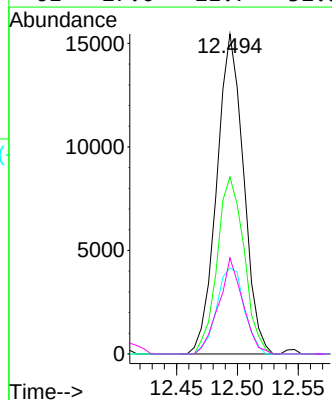
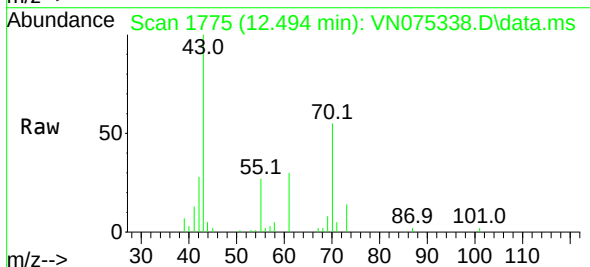
Manual Integrations
APPROVED

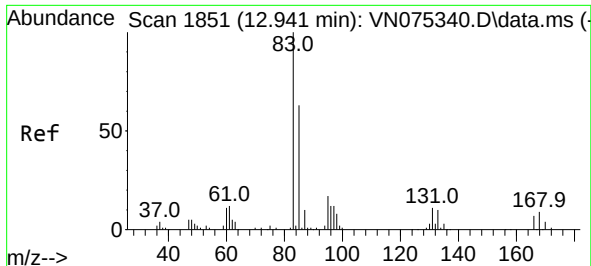
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#74
N-ethyl acetate
Concen: 7.793 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

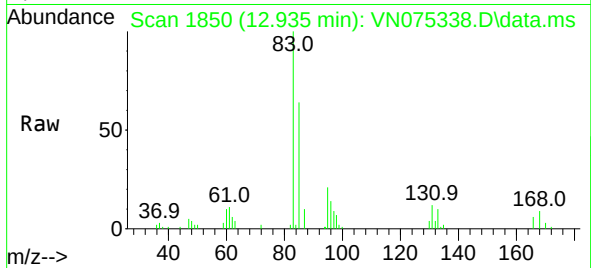
Tgt Ion: 43 Resp: 23672
Ion Ratio Lower Upper
43 100
70 55.5 39.8 59.8
55 27.7 19.9 29.9
61 27.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 7.622 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

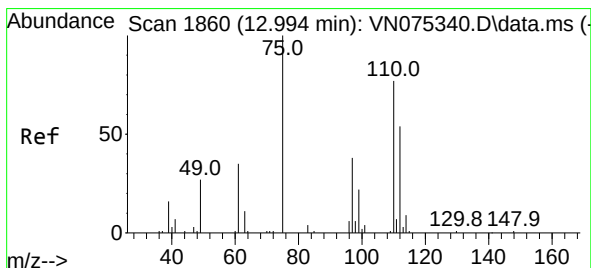
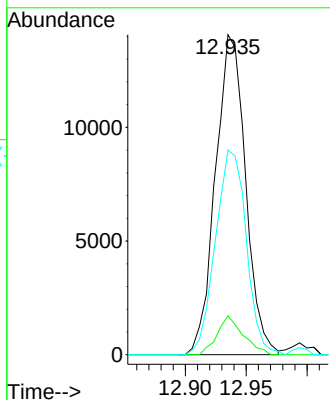
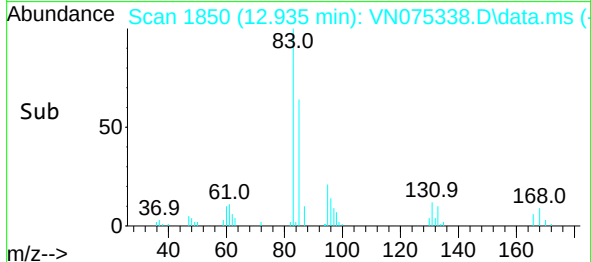
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



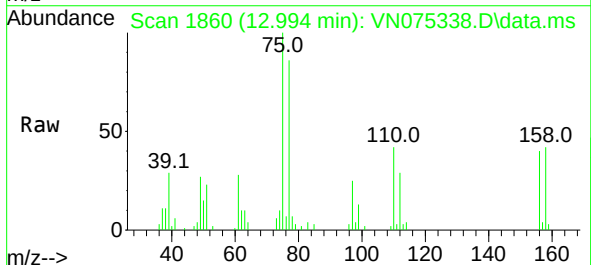
Tgt Ion: 83 Resp: 24230
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 65.5 31.6 94.7

Manual Integrations
APPROVED

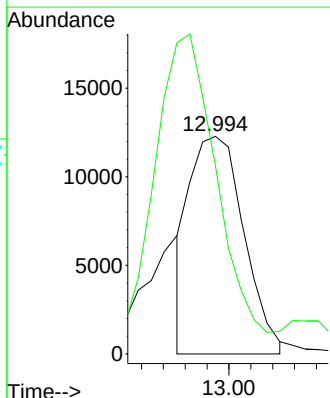
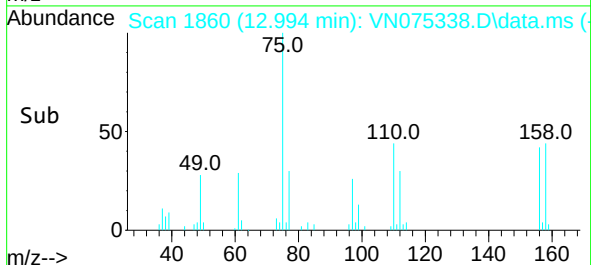
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

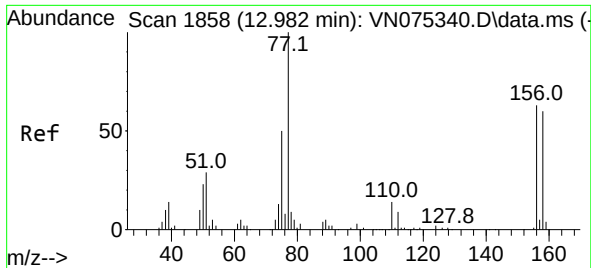


#76
1,2,3-Trichloropropane
Concen: 9.740 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



Tgt Ion: 75 Resp: 21135
Ion Ratio Lower Upper
75 100
77 173.7 75.6 226.8





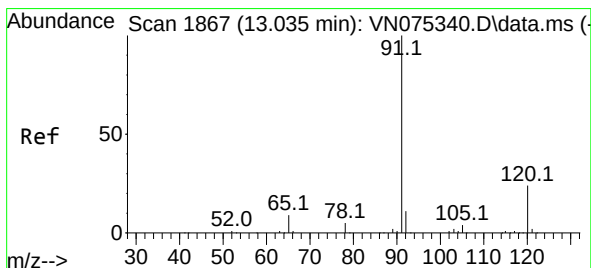
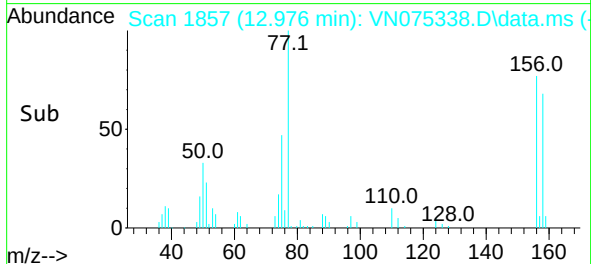
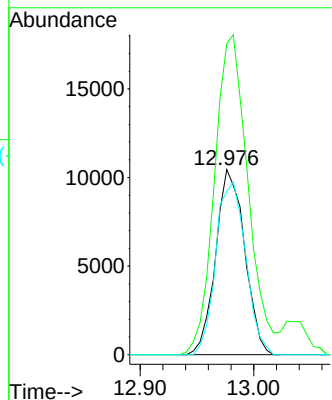
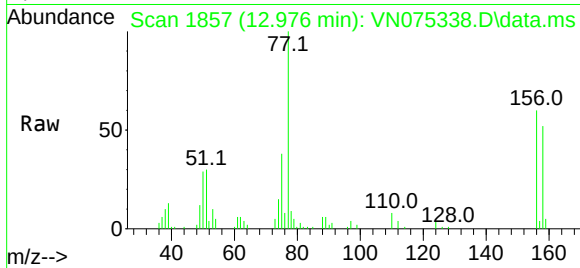
#77
Bromobenzene
Concen: 9.909 ug/l
RT: 12.976 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:156 Resp: 1855
Ion Ratio Lower Upper
156 100
77 197.8 108.5 325.5
158 96.1 47.7 143.1

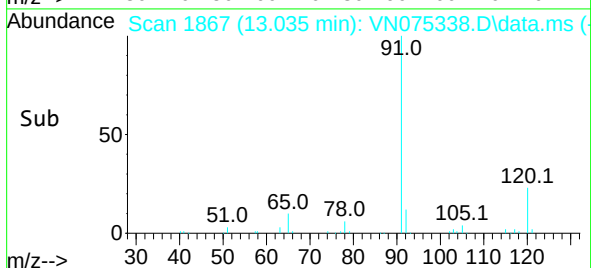
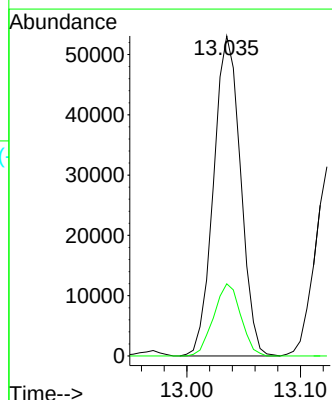
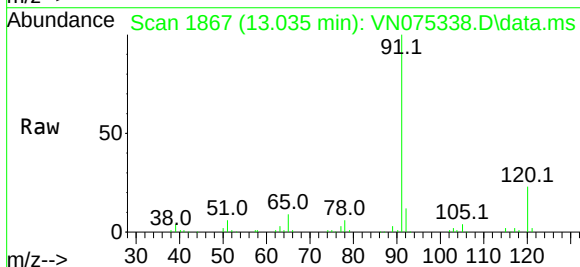
Manual Integrations
APPROVED

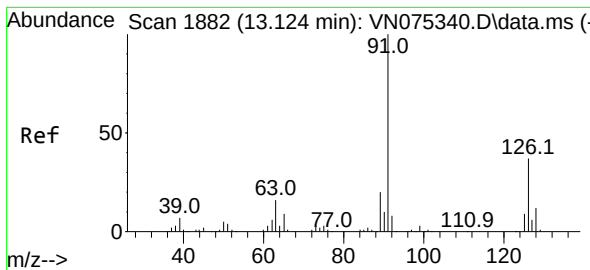
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#78
n-propylbenzene
Concen: 9.350 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 91 Resp: 87655
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5





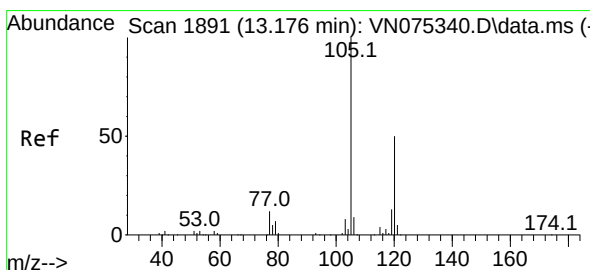
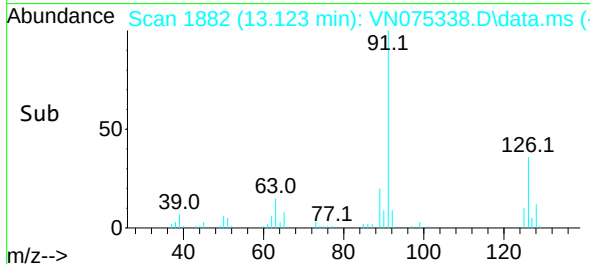
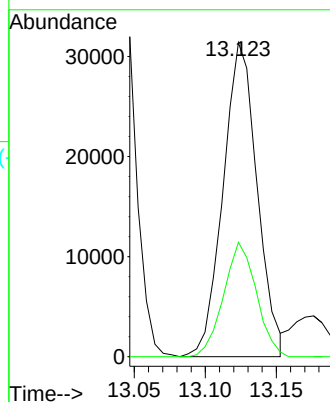
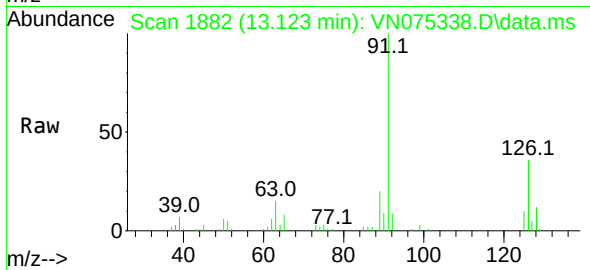
#79
2-Chlorotoluene
Concen: 9.191 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 5238
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.7

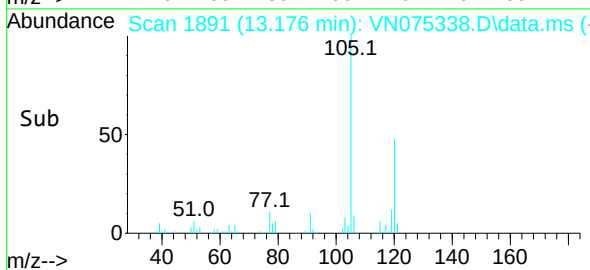
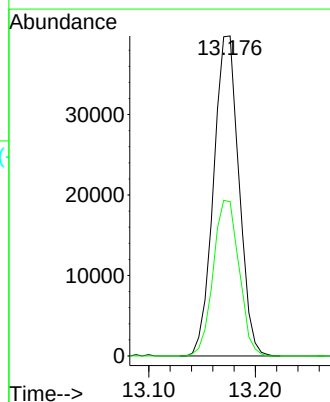
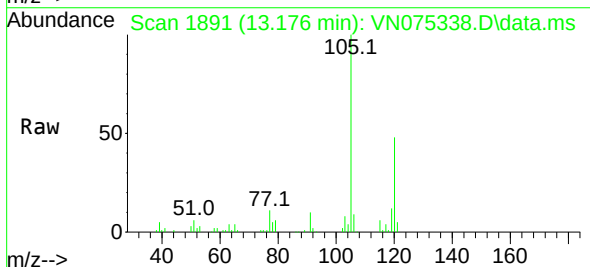
Manual Integrations
APPROVED

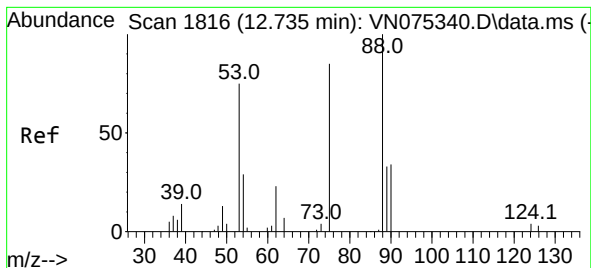
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 9.385 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

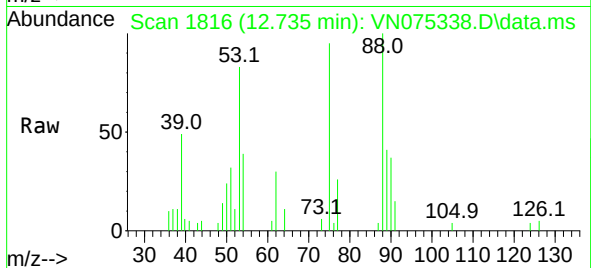
Tgt Ion:105 Resp: 65705
Ion Ratio Lower Upper
105 100
120 49.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 7.350 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

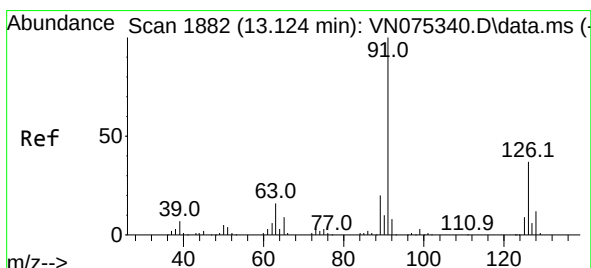
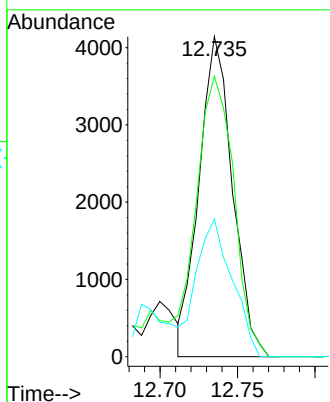
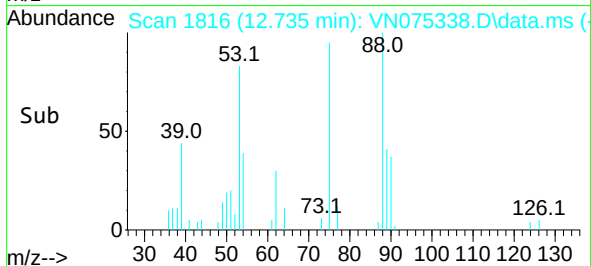
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



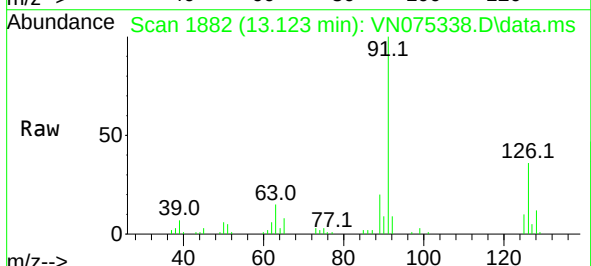
Tgt Ion: 75 Resp: 621
Ion Ratio Lower Upper
75 100
53 99.8 78.5 117.7
89 46.2 37.7 56.5

Manual Integrations
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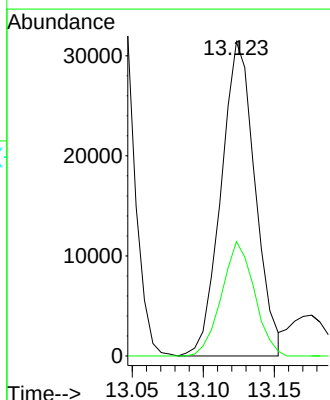
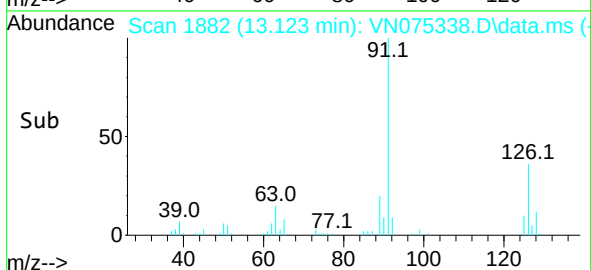
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

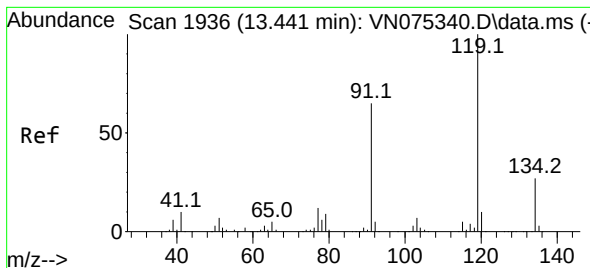


#82
4-Chlorotoluene
Concen: 9.191 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



Tgt Ion: 91 Resp: 52383
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.7





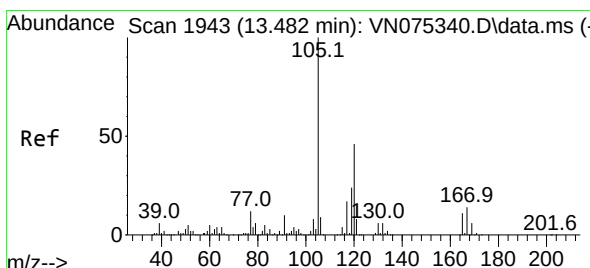
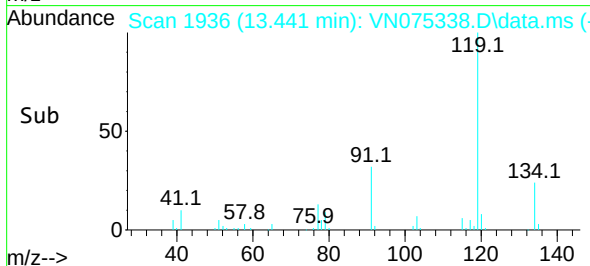
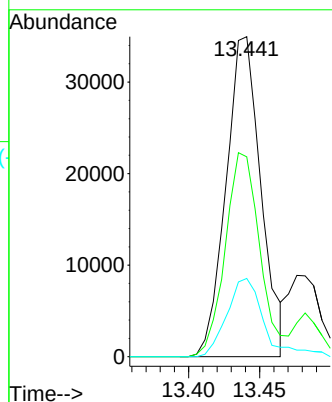
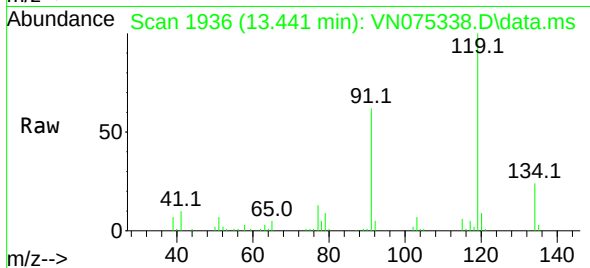
#83
tert-Butylbenzene
Concen: 9.600 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 5990
Ion Ratio Lower Upper
119 100
91 63.5 32.8 98.4
134 25.8 12.3 36.9

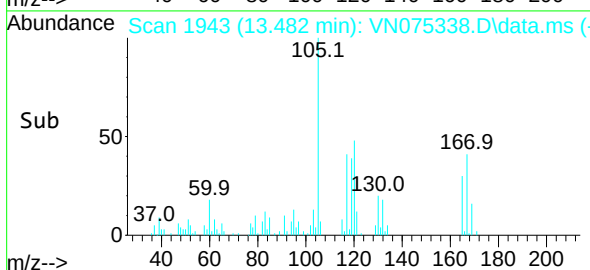
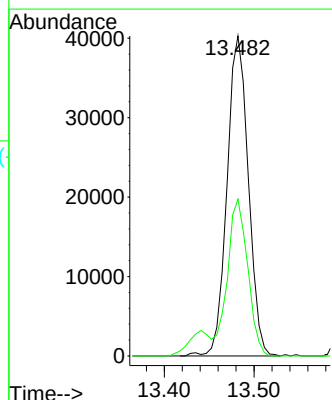
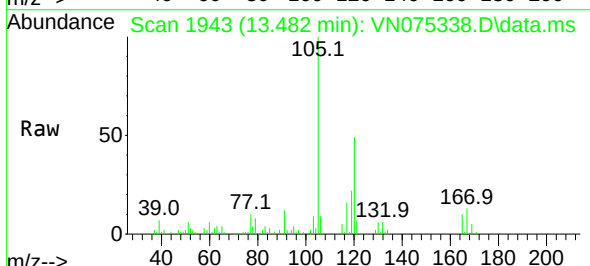
Manual Integrations
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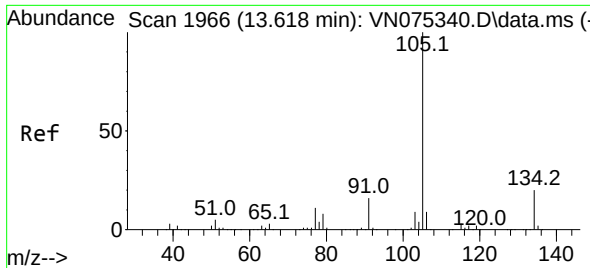
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 9.375 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion:105 Resp: 66322
Ion Ratio Lower Upper
105 100
120 46.9 22.7 68.1





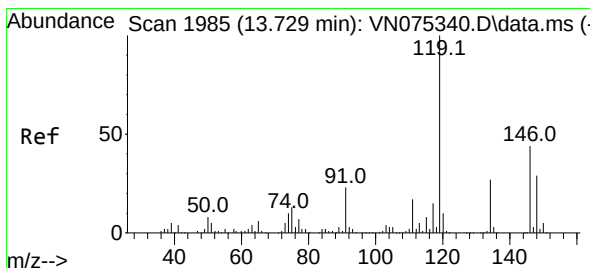
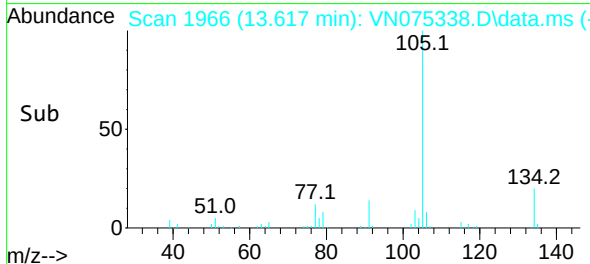
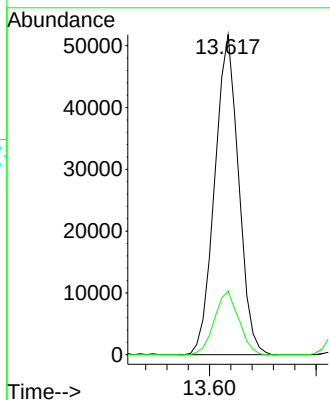
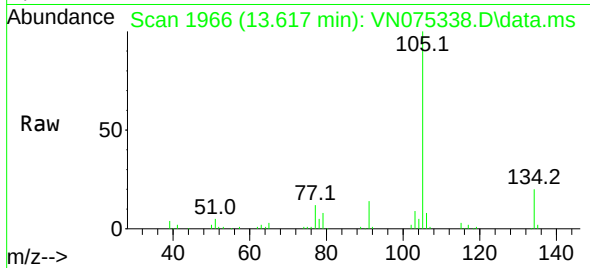
#85
 sec-Butylbenzene
 Concen: 9.231 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075338.D
 Acq: 21 Nov 2022 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 8041
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

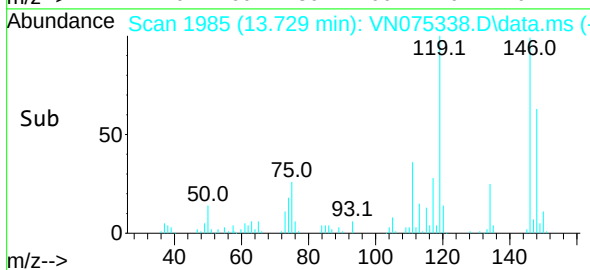
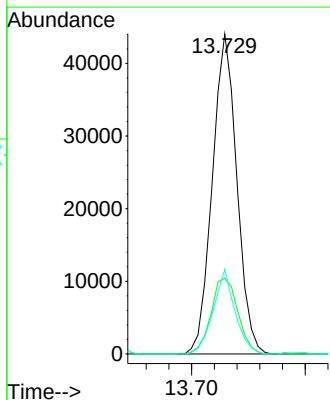
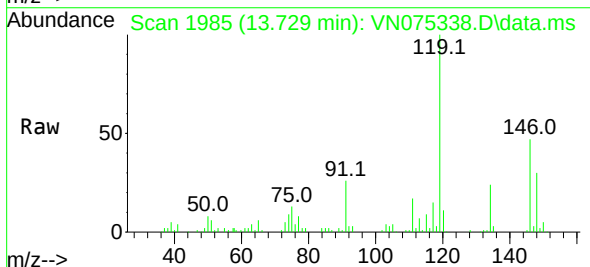
Manual Integrations
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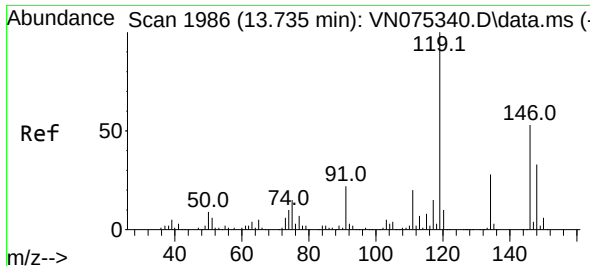
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#86
 p-Isopropyltoluene
 Concen: 9.154 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075338.D
 Acq: 21 Nov 2022 11:53

Tgt Ion:119 Resp: 66002
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.5 11.9 35.5





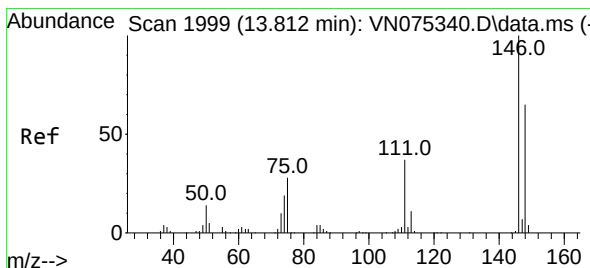
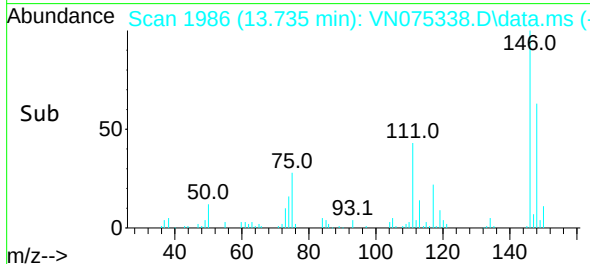
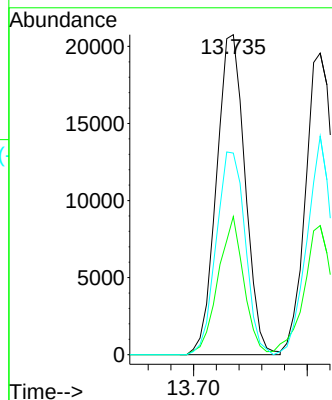
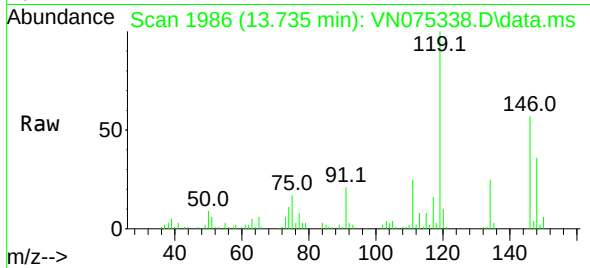
#87
1,3-Dichlorobenzene
Concen: 9.974 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument : MSVOA_N
ClientSampleId : VSTDIC010

Tgt Ion:146 Resp: 36269
Ion Ratio Lower Upper
146 100
111 38.9 20.8 62.5
148 64.0 31.1 93.5

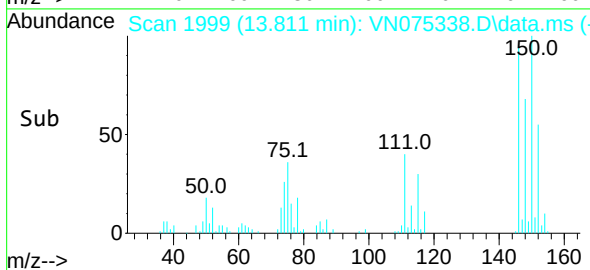
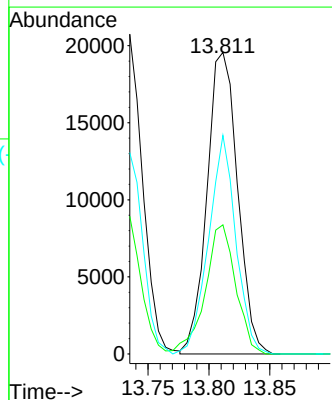
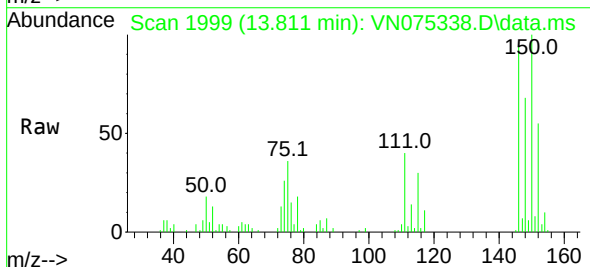
Manual Integrations
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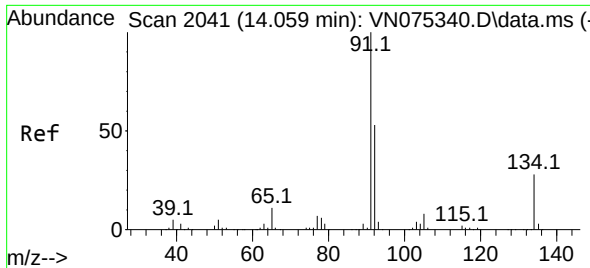
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#88
1,4-Dichlorobenzene
Concen: 9.494 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion:146 Resp: 34189
Ion Ratio Lower Upper
146 100
111 42.8 20.1 60.3
148 64.7 31.9 95.7





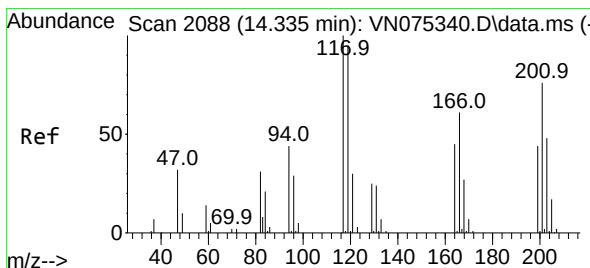
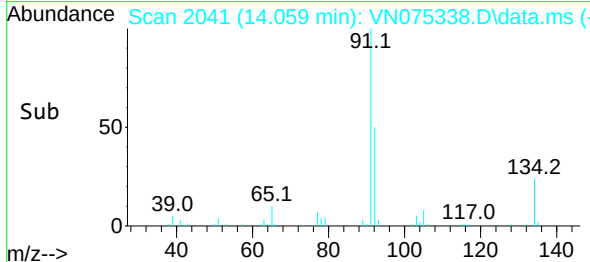
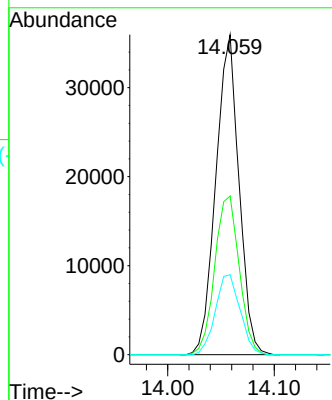
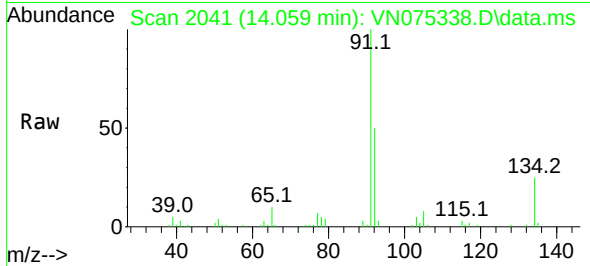
#89
n-Butylbenzene
Concen: 9.296 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 5415
Ion Ratio Lower Upper
91 100
92 52.6 26.5 79.4
134 26.8 13.0 39.0

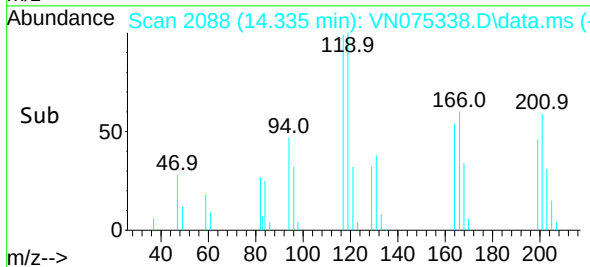
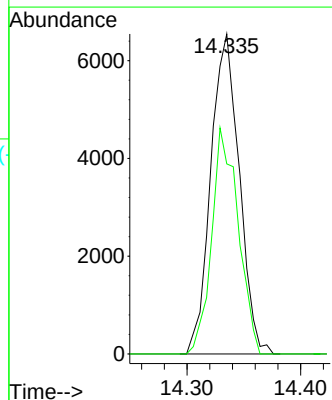
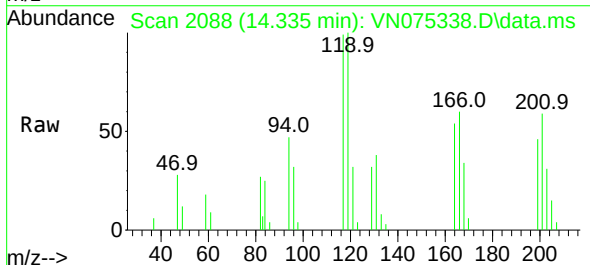
Manual Integrations
APPROVED

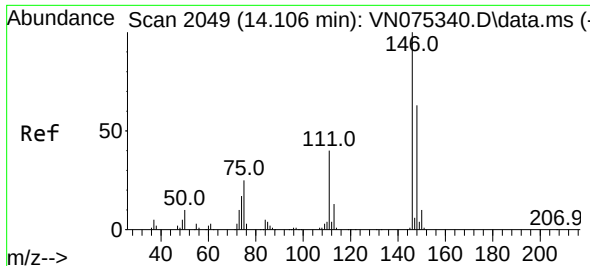
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#90
Hexachloroethane
Concen: 8.656 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion:117 Resp: 11395
Ion Ratio Lower Upper
117 100
201 65.6 31.5 94.5





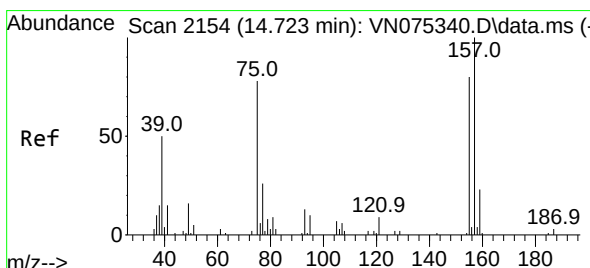
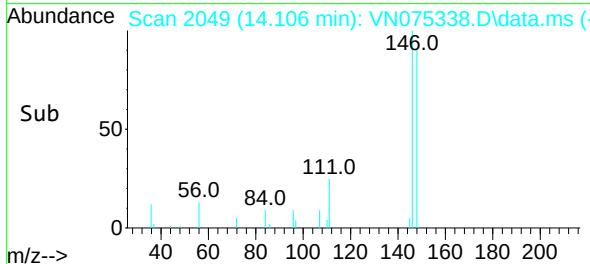
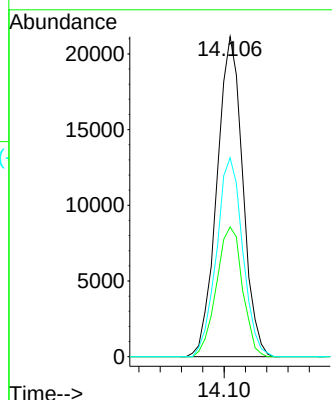
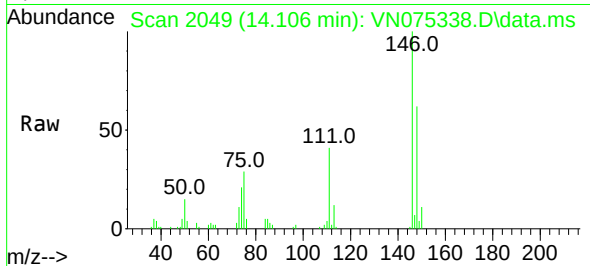
#91
1,2-Dichlorobenzene
Concen: 9.816 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 3553
Ion Ratio Lower Upper
146 100
111 40.9 21.3 63.9
148 63.0 31.4 94.2

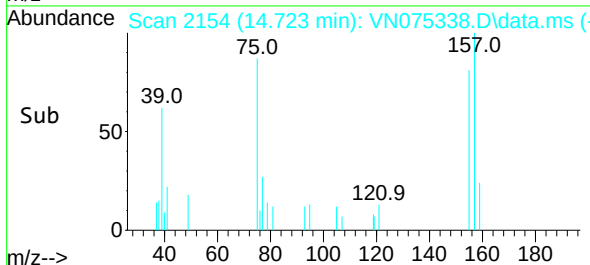
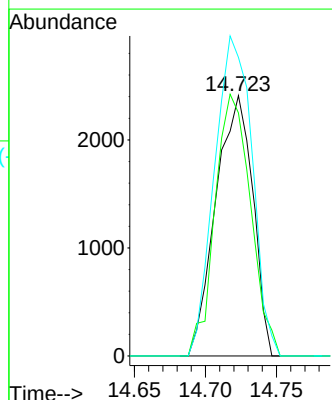
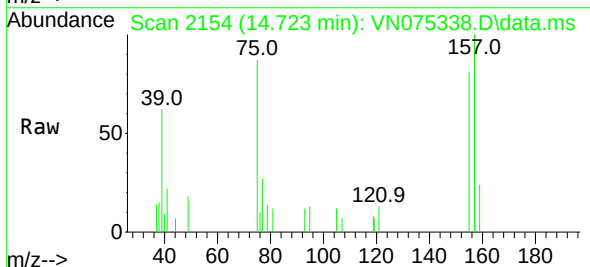
Manual Integrations
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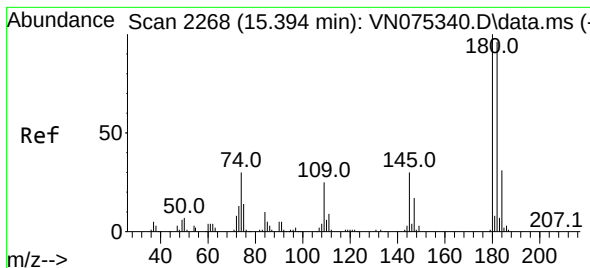
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.845 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

Tgt Ion: 75 Resp: 4353
Ion Ratio Lower Upper
75 100
155 97.2 42.1 126.3
157 125.5 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 10.742 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

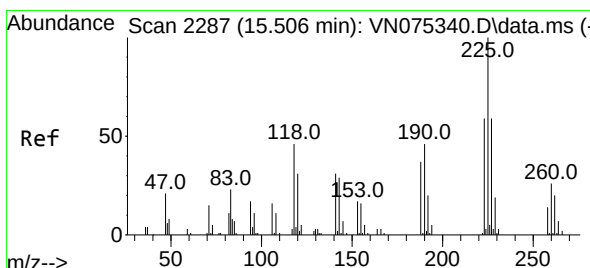
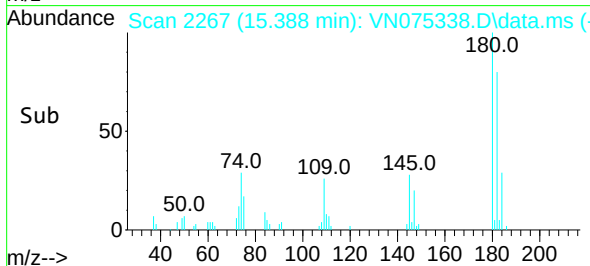
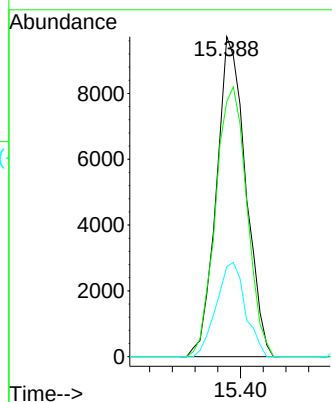
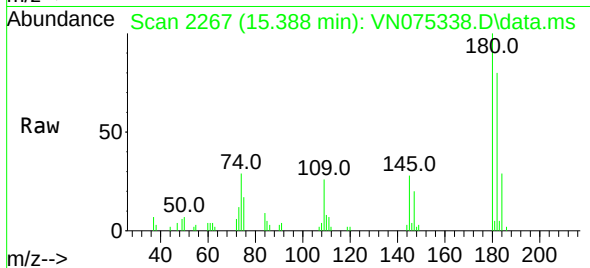
Tgt Ion:180	Resp:	17389
Ion Ratio	Lower	Upper
180	100	
182	89.9	47.8 143.4
145	29.1	16.8 50.3

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#94

Hexachlorobutadiene

Concen: 11.248 ug/l

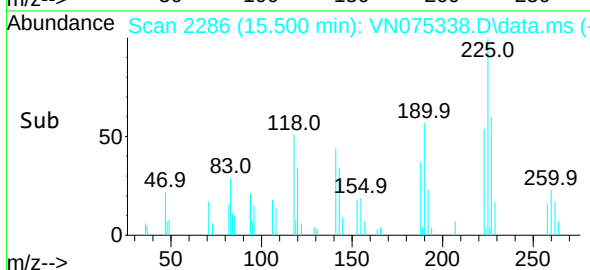
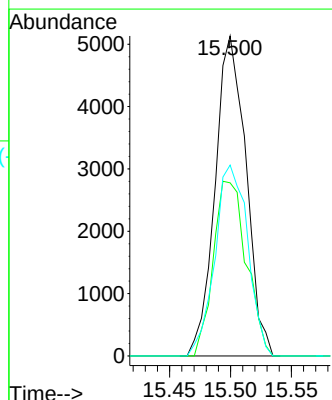
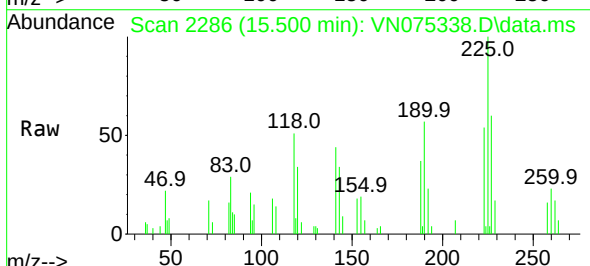
RT: 15.500 min Scan# 2286

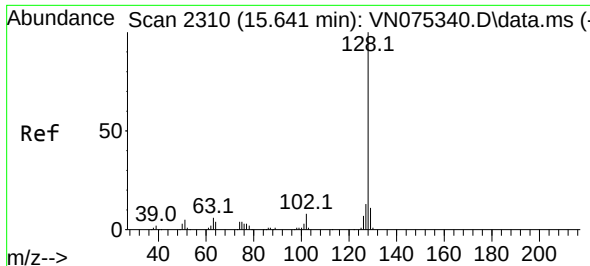
Delta R.T. -0.006 min

Lab File: VN075338.D

Acq: 21 Nov 2022 11:53

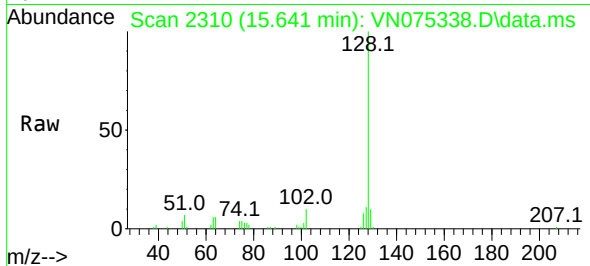
Tgt Ion:225	Resp:	9061
Ion Ratio	Lower	Upper
225	100	
223	58.4	32.3 96.9
227	63.2	32.0 96.2





#95
Naphthalene
Concen: 8.575 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53

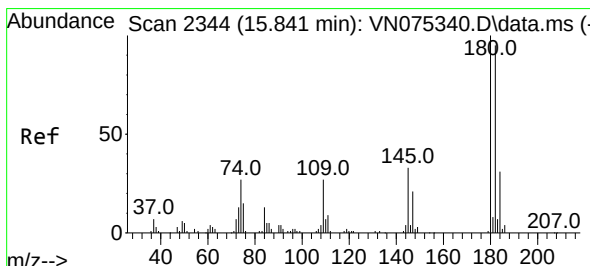
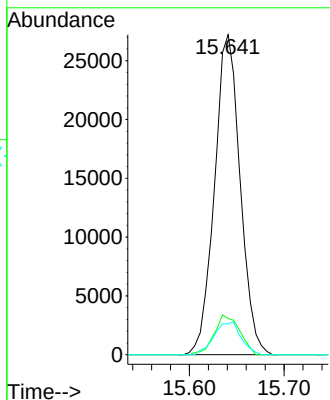
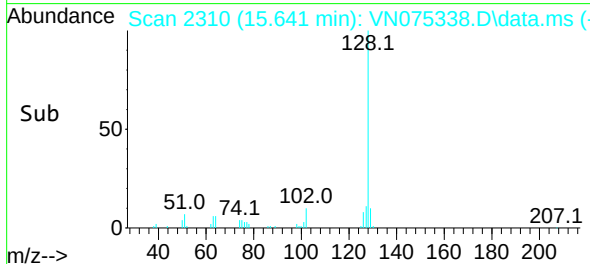
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



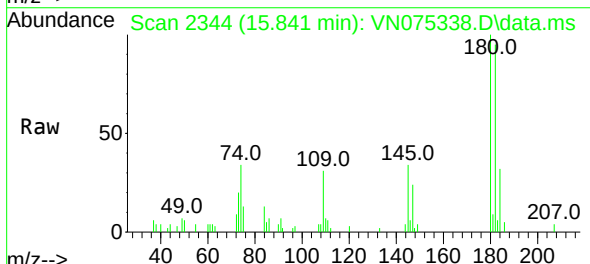
Tgt Ion:128 Resp: 5123
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 10.371 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075338.D
Acq: 21 Nov 2022 11:53



Tgt Ion:180 Resp: 16572
Ion Ratio Lower Upper
180 100
182 92.6 47.3 141.8
145 32.5 17.6 52.9

