

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078365.D
 Acq On : 23 Jun 2023 09:34
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

Quant Time: Jun 24 00:29:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	80756	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	448404	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	376070	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	180608	29.699	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.000%		
60) 4-Bromofluorobenzene	12.853	95	151592	28.611	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.367%		
63) Toluene-d8	10.571	98	569453	31.252	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	104.167%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	44428	9.083	ug/l	99
3) Chloromethane	2.371	50	58750	9.960	ug/l	99
4) Vinyl Chloride	2.524	62	73062	10.069	ug/l	98
5) Bromomethane	2.977	94	51044	8.654	ug/l	86
6) Chloroethane	3.130	64	52310	10.121	ug/l	100
7) Trichlorofluoromethane	3.506	101	109177	12.784	ug/l	96
8) Diethyl Ether	3.977	74	26791	9.398	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	43938	9.465	ug/l	88
10) 1,1-Dichloroethene	4.348	96	44011m	9.669	ug/l	
11) Methyl Iodide	4.600	142	58206	9.026	ug/l	95
12) Methyl Acetate	5.042	43	66205	9.378	ug/l	95
13) Acrolein	4.200	56	40368	45.654	ug/l	98
14) Acrylonitrile	5.730	53	92528	47.738	ug/l	86
15) Acetone	4.442	58	28769	53.001	ug/l	99
16) Carbon Disulfide	4.724	76	112698	9.061	ug/l #	94
17) Allyl chloride	5.036	41	53102	9.282	ug/l	96
18) Methylene Chloride	5.289	84	49709	9.216	ug/l	96
19) trans-1,2-Dichloroethene	5.794	96	44942	8.947	ug/l	86
20) Diisopropyl ether	6.677	45	126209	9.203	ug/l	97
21) 1,1-Dichloroethane	6.583	63	85017	9.346	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	53137	9.298	ug/l	97
23) tert-Butyl Alcohol	5.536	59	34275m	48.098	ug/l	
24) Methyl tert-Butyl Ether	5.806	73	129084	8.994	ug/l #	88
25) Chloroform	7.977	83	93274	9.703	ug/l	92
26) Cyclohexane	8.259	56	58833	9.037	ug/l #	98
29) 1,1-Dichloropropene	8.383	75	62404	8.978	ug/l	98
30) 2-Butanone	7.494	43	117766	48.335	ug/l	99
31) 2,2-Dichloropropane	7.500	77	72161	9.709	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	79023	9.330	ug/l	98
33) Carbon Tetrachloride	8.371	117	67410	9.128	ug/l	95
34) Benzene	8.612	78	191185	9.223	ug/l #	94
35) Methacrylonitrile	7.788	41	24666	8.822	ug/l	87
36) 1,2-Dichloroethane	8.683	62	66513	9.412	ug/l	100
37) Trichloroethene	9.359	130	50314	9.500	ug/l	96
38) Methylcyclohexane	9.606	83	52314	8.566	ug/l	96
39) 1,2-Dichloropropane	9.630	63	48568	9.354	ug/l	91
40) Dibromomethane	9.712	93	35350	9.435	ug/l	97
41) Bromodichloromethane	9.888	83	68455	9.404	ug/l #	76
42) Vinyl Acetate	6.612	43	349274	45.001	ug/l	100

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VSTDICC010

Manual Integrations

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Reviewed By : John Carlone 06/24/2023

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Quant Time: Jun 24 00:29:19 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M

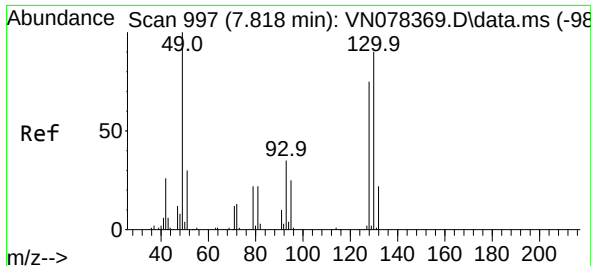
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Sat Jun 24 00:28:04 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	45160	9.037	ug/l	94
44) Isopropyl Acetate	8.694	43	87098	9.400	ug/l	96
45) 1,4-Dioxane	9.700	88	14540	182.173	ug/l	98
46) Methyl methacrylate	9.688	41	37090	8.993	ug/l	96
47) n-amyl Acetate	12.500	43	55910	8.209	ug/l	95
48) t-1,3-Dichloropropene	10.841	75	66702	8.927	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	75400	9.155	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	45417	9.042	ug/l #	87
51) Ethyl methacrylate	10.877	69	58774	8.553	ug/l	88
52) 1,3-Dichloropropane	11.165	76	80841	9.589	ug/l	94
53) Dibromochloromethane	11.359	129	47673	8.948	ug/l	97
54) 1,2-Dibromoethane	11.471	107	46533	9.191	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	120478	47.525	ug/l	98
56) Bromoform	12.582	173	29357	9.002	ug/l #	94
58) 4-Methyl-2-Pentanone	10.453	43	239994	47.788	ug/l	98
59) 2-Hexanone	11.200	43	156079	45.000	ug/l	98
61) Tetrachloroethene	11.106	164	39846	9.669	ug/l	95
62) Toluene	10.635	91	212038	9.688	ug/l	99
64) Chlorobenzene	11.894	112	121545	9.369	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	47493	9.494	ug/l	98
66) Ethyl Benzene	11.971	91	205467	9.226	ug/l	99
67) m/p-Xylenes	12.076	106	150482	17.870	ug/l	100
68) o-Xylene	12.406	106	74452	9.118	ug/l	97
69) Styrene	12.412	104	114160	8.830	ug/l	97
70) Isopropylbenzene	12.700	105	180228	8.982	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	63615	9.749	ug/l	96
72) 1,2,3-Trichloropropane	13.000	75	48607m	8.451	ug/l	
73) Bromobenzene	12.988	156	41361	8.622	ug/l	95
74) n-propylbenzene	13.041	91	192124	8.805	ug/l	98
75) 2-Chlorotoluene	13.129	91	127832	8.655	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	142406	8.559	ug/l	99
77) t-1,4-Dichloro-2-butene	12.747	75	14394	8.188	ug/l	87
78) 4-Chlorotoluene	13.229	91	113434	8.207	ug/l	99
79) tert-butylbenzene	13.441	119	109817	8.024	ug/l	93
80) 1,2,4-Trimethylbenzene	13.488	105	136644	8.692	ug/l	99
81) sec-Butylbenzene	13.618	105	147065	8.613	ug/l	100
82) p-Isopropyltoluene	13.735	119	112337	8.180	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	63732	8.382	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	61561	8.374	ug/l	97
85) n-Butylbenzene	14.059	91	75118	7.405	ug/l	99
86) Hexachloroethane	14.341	117	24050	9.098	ug/l	99
87) 1,2-Dichlorobenzene	14.117	146	67761	8.991	ug/l	91
88) 1,2-Dibromo-3-Chloropr...	14.717	75	8189	8.329	ug/l	93
89) 1,2,4-Trichlorobenzene	15.394	180	13765	5.990	ug/l #	91
90) Hexachlorobutadiene	15.506	225	11310	7.239	ug/l	93
91) Naphthalene	15.647	128	44026	5.847	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	17470	6.571	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



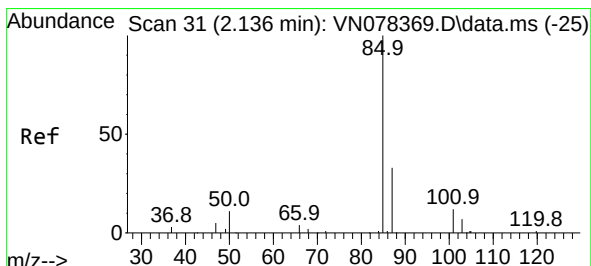
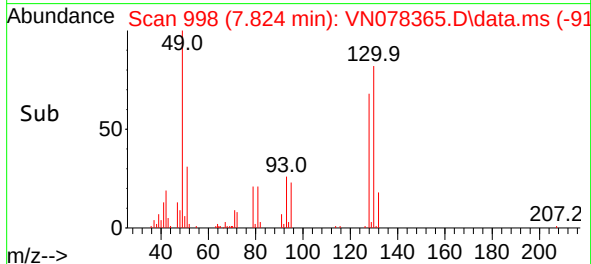
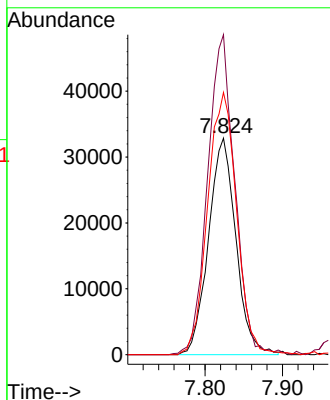
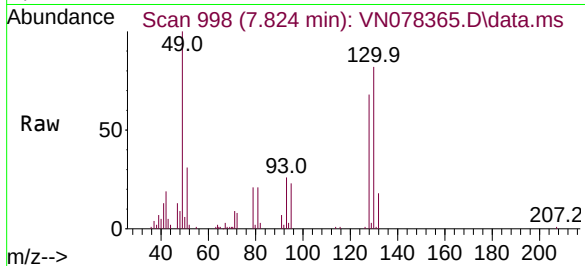
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 80750
Ion Ratio Lower Upper
128 100
49 145.9 0.0 370.8
130 128.2 0.0 307.0

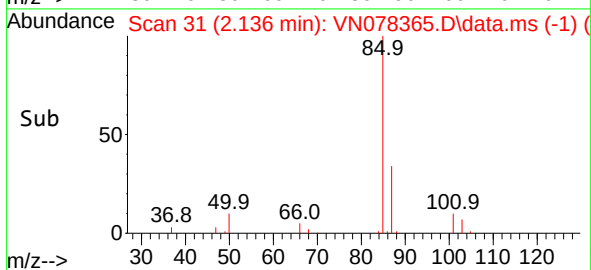
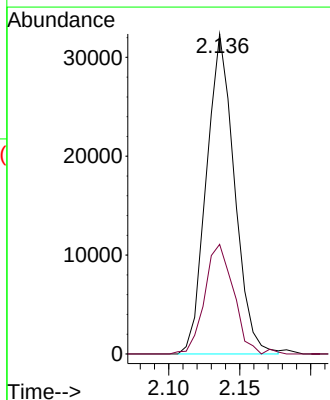
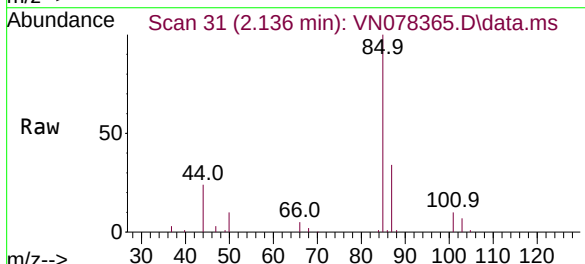
Manual Integrations
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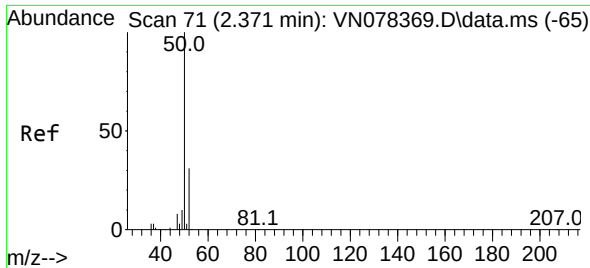
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 9.083 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

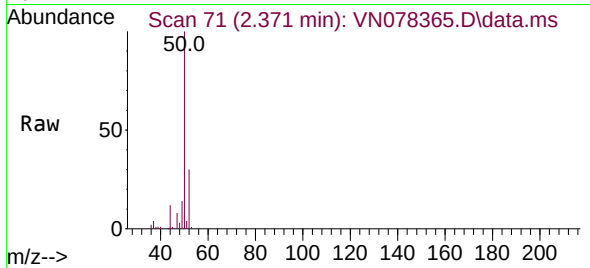
Tgt Ion: 85 Resp: 44428
Ion Ratio Lower Upper
85 100
87 33.7 16.4 49.4





#3
Chloromethane
Concen: 9.960 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

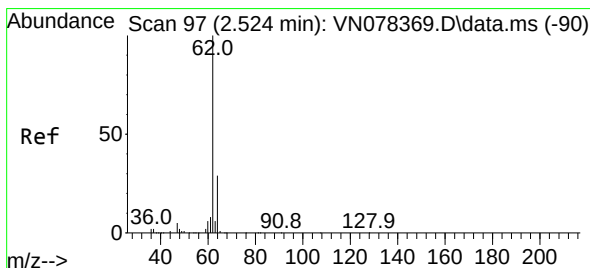
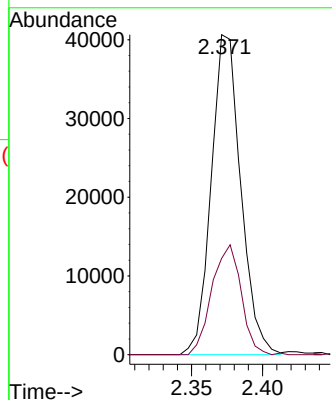
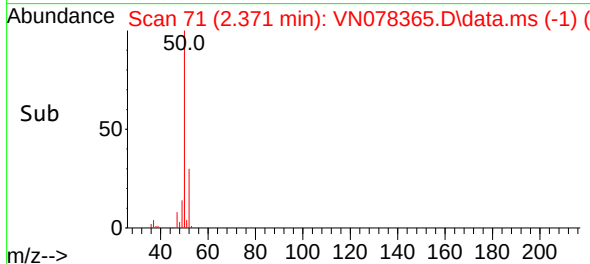
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 50 Resp: 58750
Ion Ratio Lower Upper
50 100
52 30.1 24.6 36.8

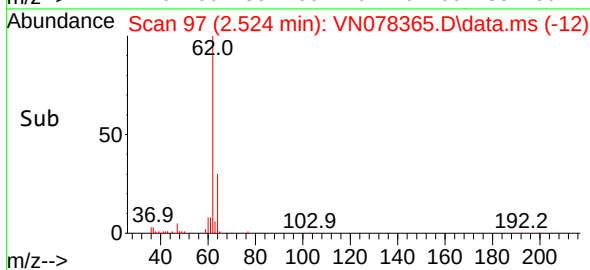
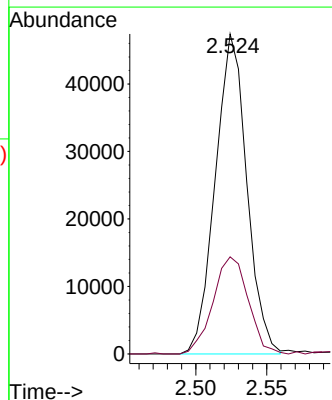
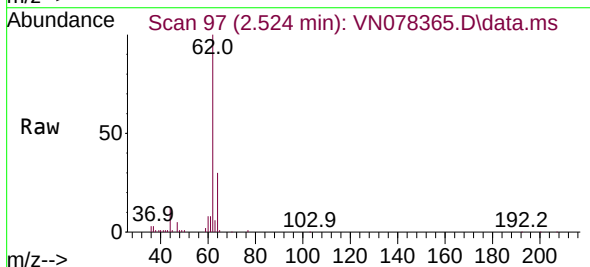
Manual Integrations
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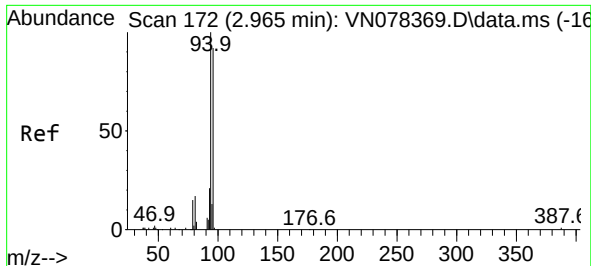
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#4
Vinyl Chloride
Concen: 10.069 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

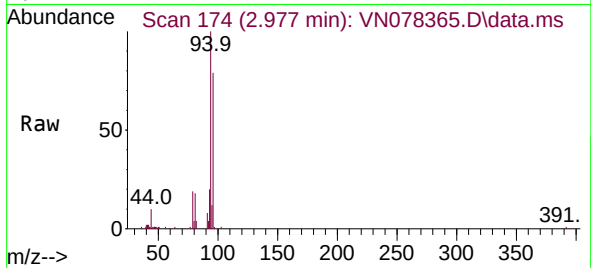
Tgt Ion: 62 Resp: 73062
Ion Ratio Lower Upper
62 100
64 30.3 23.3 34.9





#5
Bromomethane
Concen: 8.654 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

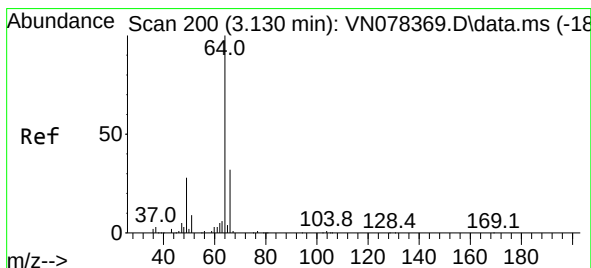
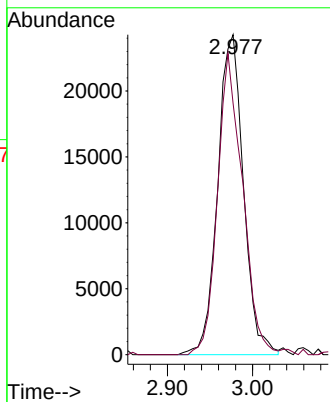
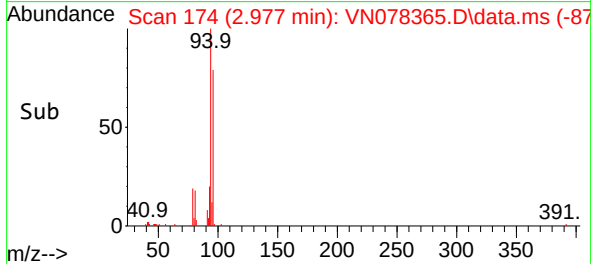
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 94 Resp: 5104
Ion Ratio Lower Upper
94 100
96 78.5 73.9 110.9

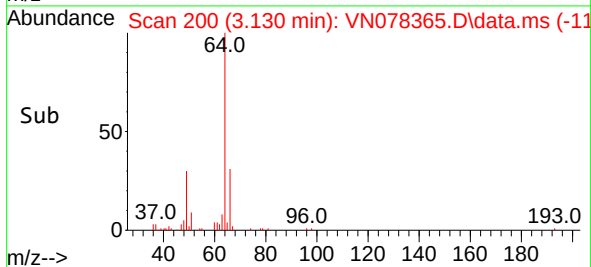
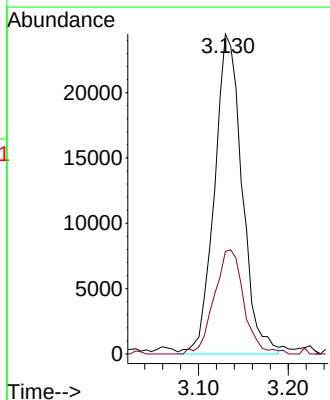
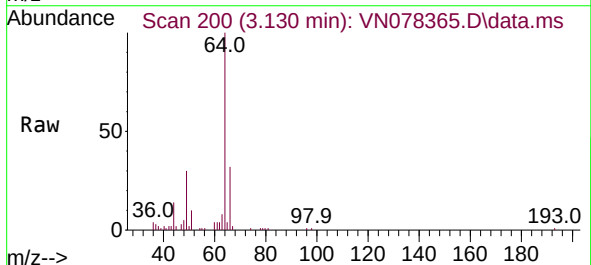
Manual Integrations
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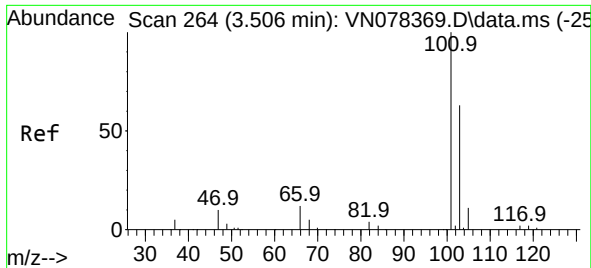
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#6
Chloroethane
Concen: 10.121 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

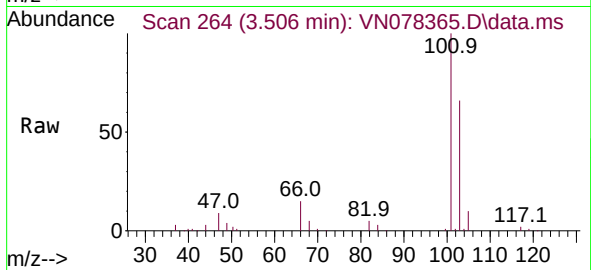
Tgt Ion: 64 Resp: 52310
Ion Ratio Lower Upper
64 100
66 32.3 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 12.784 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078365.D
 Acq: 23 Jun 2023 09:34

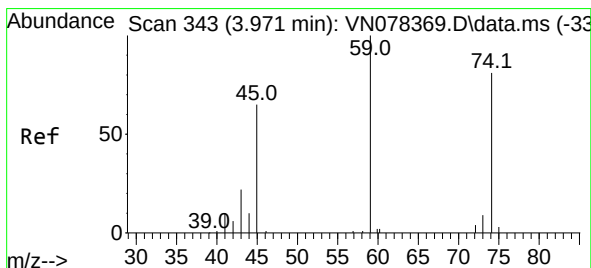
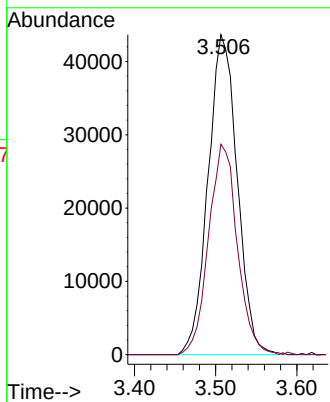
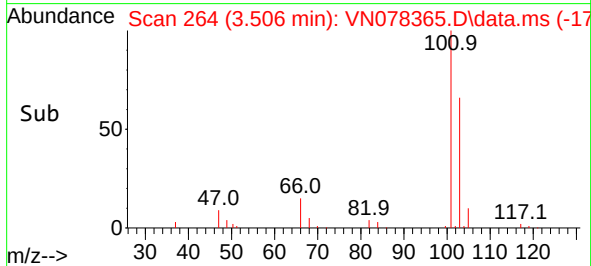
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



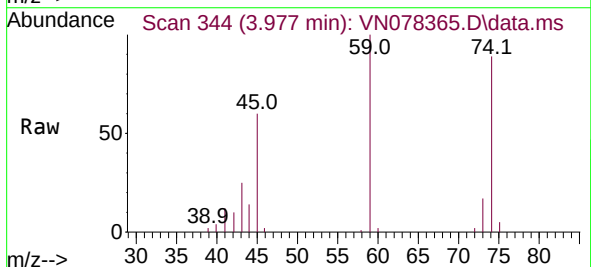
Tgt Ion:101 Resp: 10917
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.4 75.6

Manual Integrations
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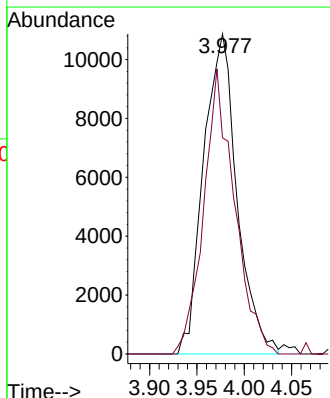
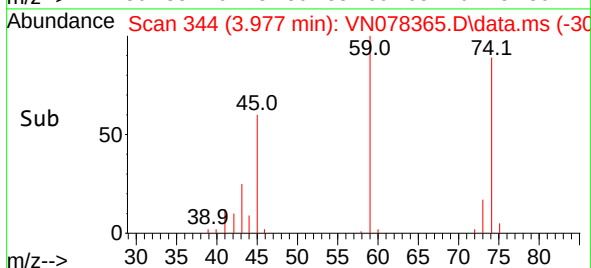
Reviewed By :John Carlone 06/24/2023
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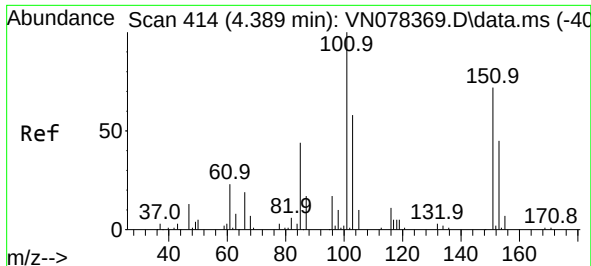


#8
 Diethyl Ether
 Concen: 9.398 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.006 min
 Lab File: VN078365.D
 Acq: 23 Jun 2023 09:34



Tgt Ion: 74 Resp: 26791
 Ion Ratio Lower Upper
 74 100
 45 81.8 16.3 146.5





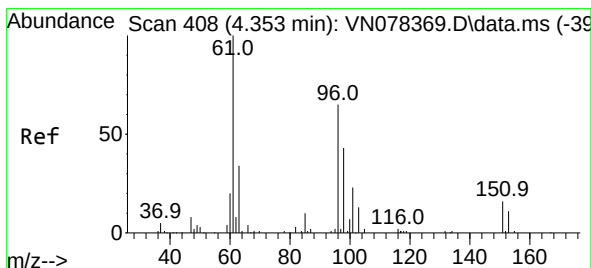
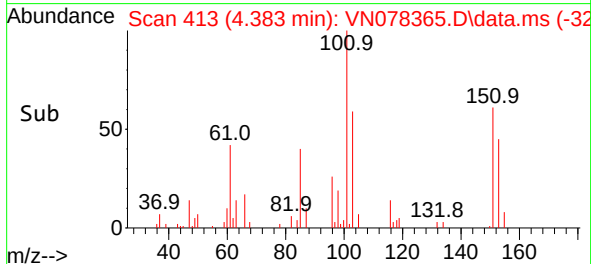
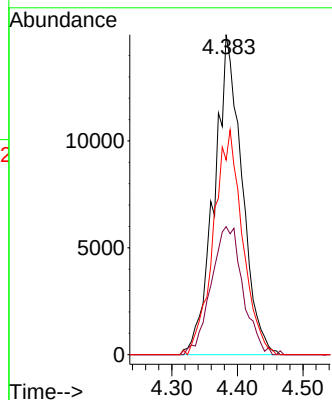
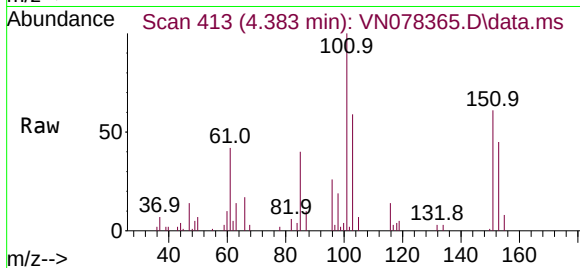
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1,1,2-Trichlorotrifluoroethane
Concen: 9.465 ug/l
RT: 4.383 min Scan# 414
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 43938
Ion Ratio Lower Upper
101 100
85 25.0 0.0 89.2
151 73.4 0.0 148.8

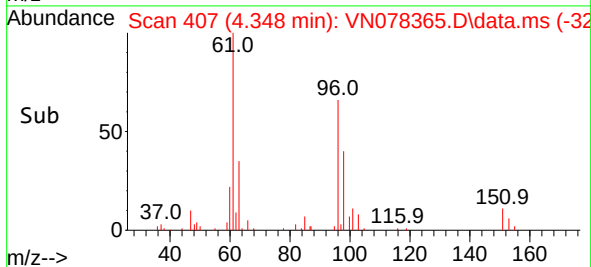
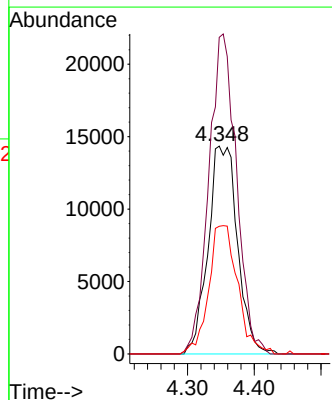
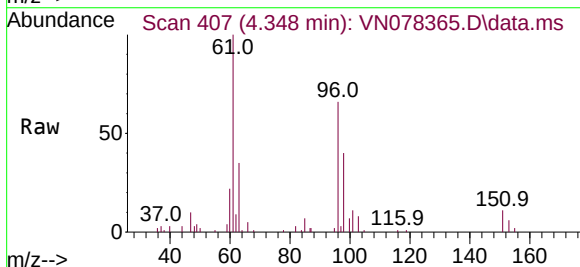
Manual Integrations
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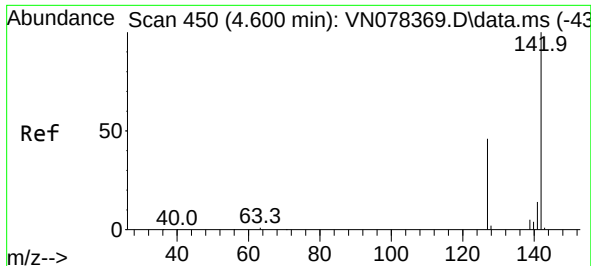
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#10
1,1-Dichloroethene
Concen: 9.669 ug/l m
RT: 4.348 min Scan# 407
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

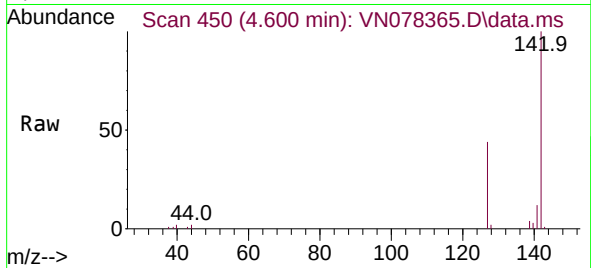
Tgt Ion: 96 Resp: 44011
Ion Ratio Lower Upper
96 100
61 152.4 123.4 185.2
98 61.5 53.7 80.5





#11
Methyl Iodide
Concen: 9.026 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

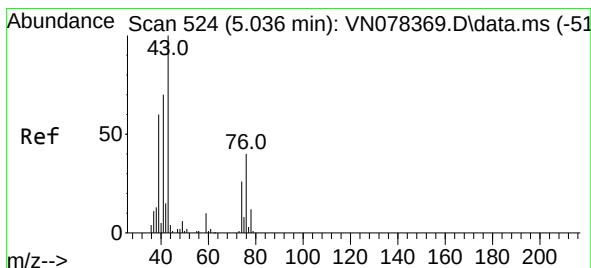
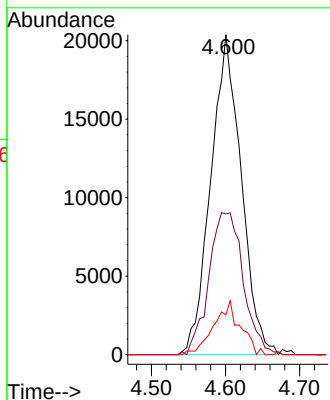
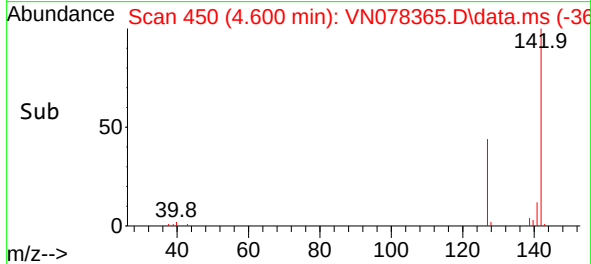
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:142 Resp: 58200
Ion Ratio Lower Upper
142 100
127 43.6 23.2 69.5
141 12.0 7.2 21.7

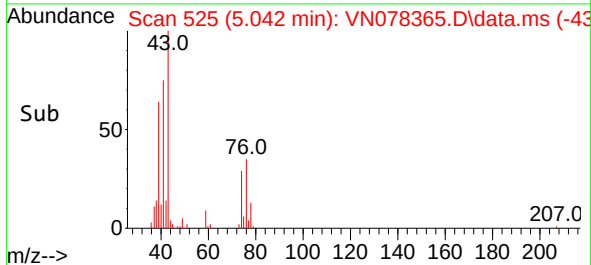
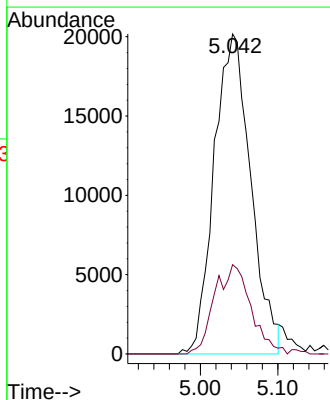
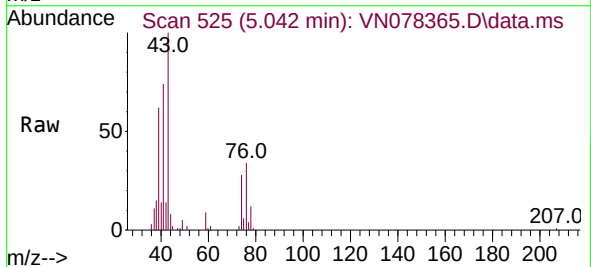
Manual Integrations
APPROVED

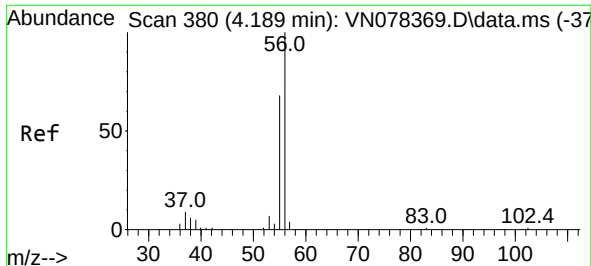
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
Methyl Acetate
Concen: 9.378 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

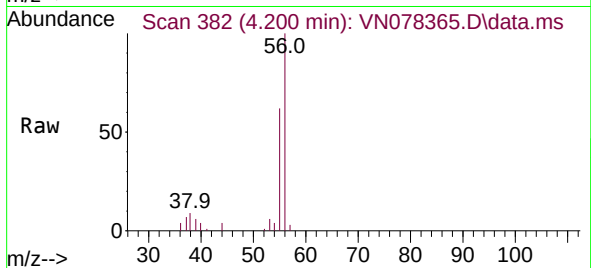
Tgt Ion: 43 Resp: 66205
Ion Ratio Lower Upper
43 100
74 28.3 20.5 30.7





#13
Acrolein
Concen: 45.654 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

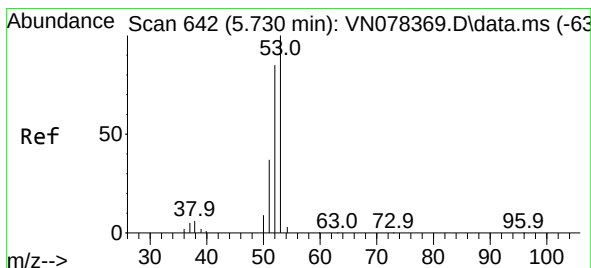
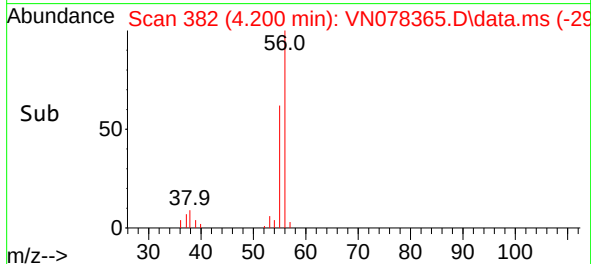
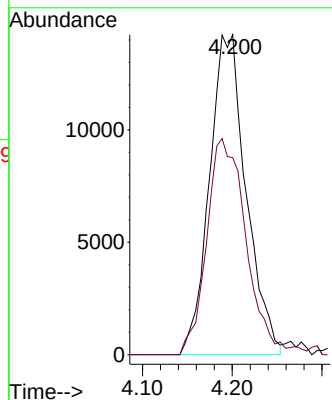
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 40368
Ion Ratio Lower Upper
56 100
55 71.8 59.0 88.4

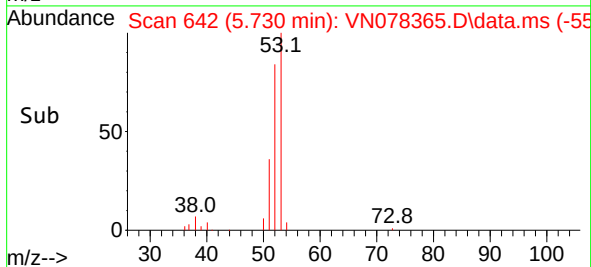
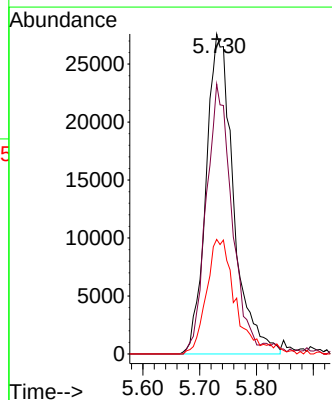
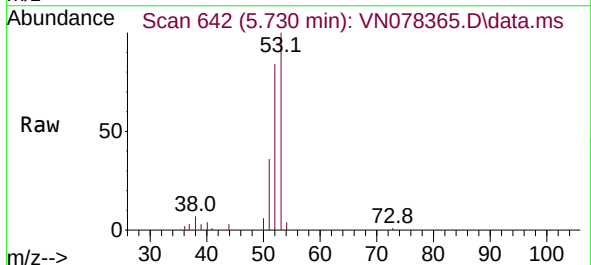
Manual Integrations
APPROVED

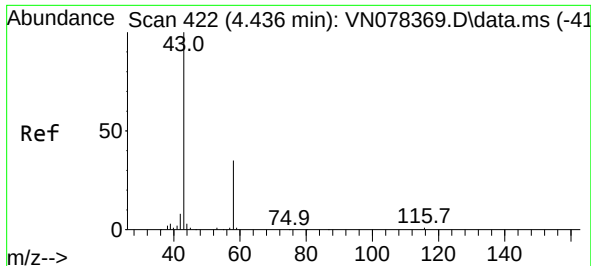
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#14
Acrylonitrile
Concen: 47.738 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 53 Resp: 92528
Ion Ratio Lower Upper
53 100
52 78.7 42.3 126.9
51 19.1 18.4 55.4





#15

Acetone

Concen: 53.001 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 58 Resp: 28769

Ion Ratio Lower Upper

58 100

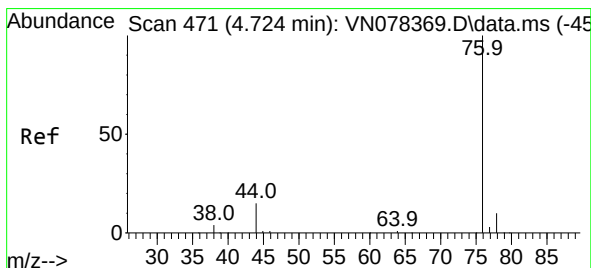
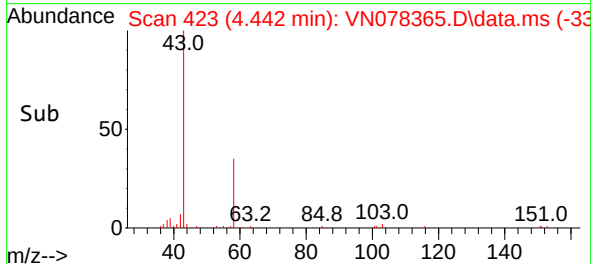
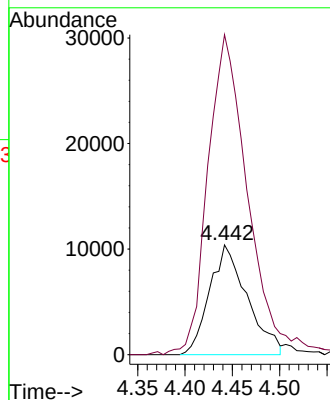
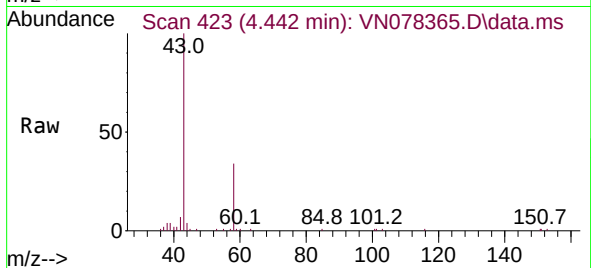
43 286.4 227.5 341.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#16

Carbon Disulfide

Concen: 9.061 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.000 min

Lab File: VN078365.D

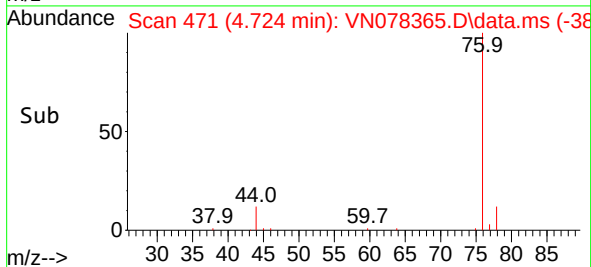
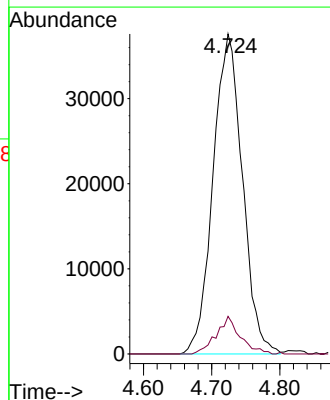
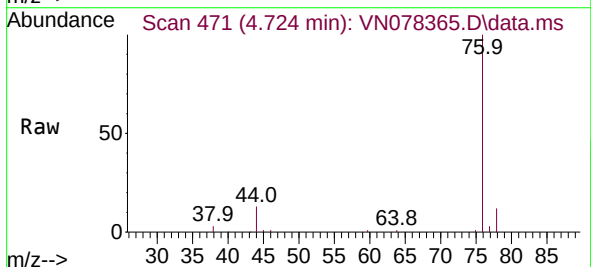
Acq: 23 Jun 2023 09:34

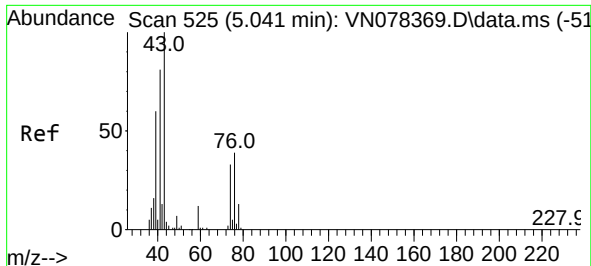
Tgt Ion: 76 Resp: 112698

Ion Ratio Lower Upper

76 100

78 11.7 7.7 11.5#





#17
 Allyl chloride
 Concen: 9.282 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN078365.D
 Acq: 23 Jun 2023 09:34

Instrument :

MSVOA_N

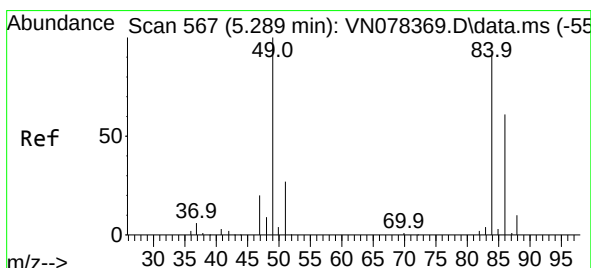
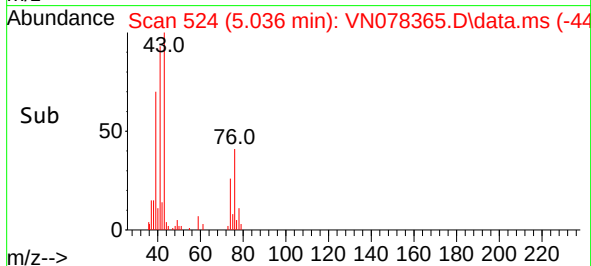
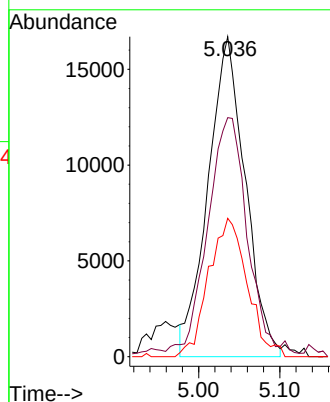
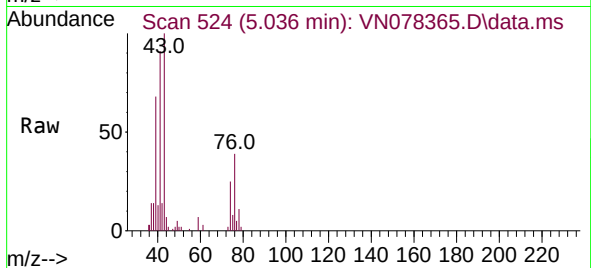
ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 5310
 Ion Ratio Lower Upper
 41 100
 39 73.3 37.6 112.8
 76 43.0 23.8 71.4

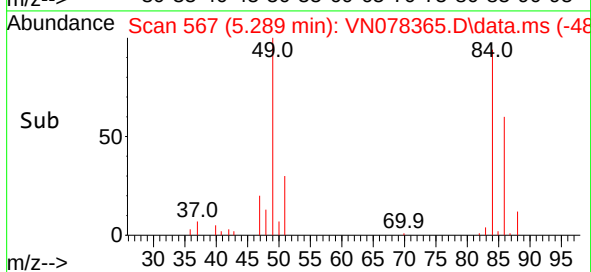
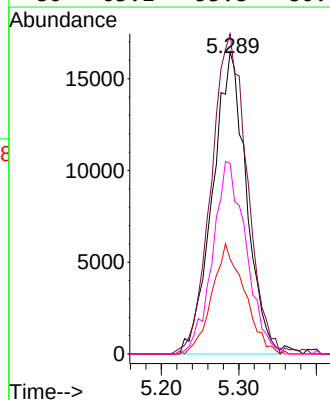
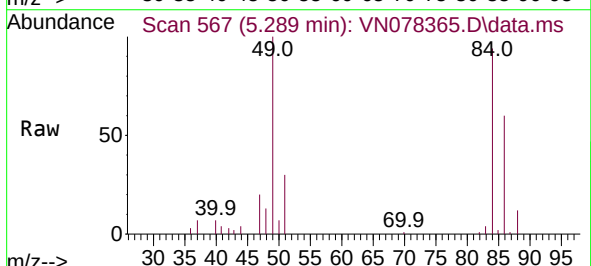
Manual Integrations
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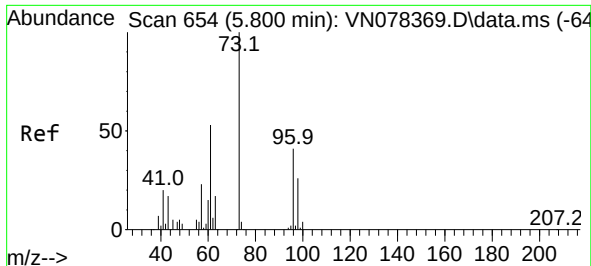
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#18
 Methylene Chloride
 Concen: 9.216 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.000 min
 Lab File: VN078365.D
 Acq: 23 Jun 2023 09:34

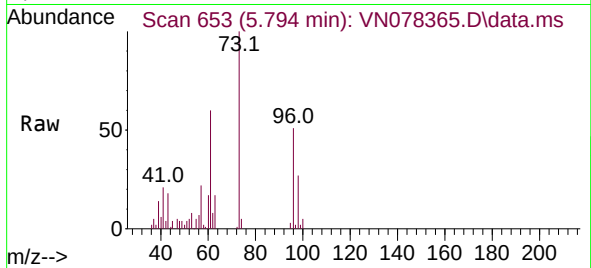
Tgt Ion: 84 Resp: 49709
 Ion Ratio Lower Upper
 84 100
 49 106.0 88.1 132.1
 51 31.4 24.0 36.0
 86 63.1 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 8.947 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

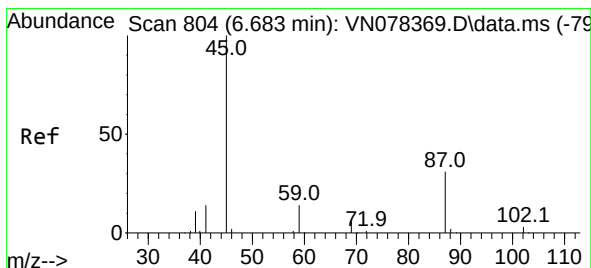
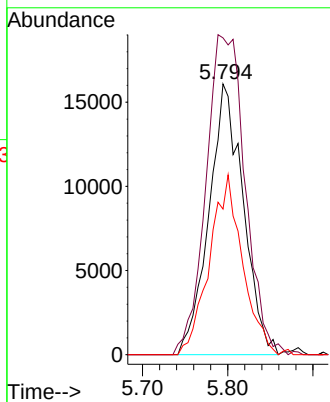
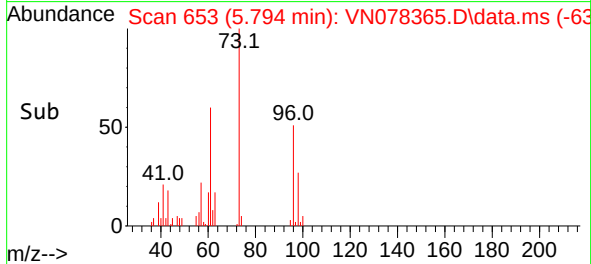
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 4494
Ion Ratio Lower Upper
96 100
61 113.2 105.2 157.8
98 53.8 50.5 75.7

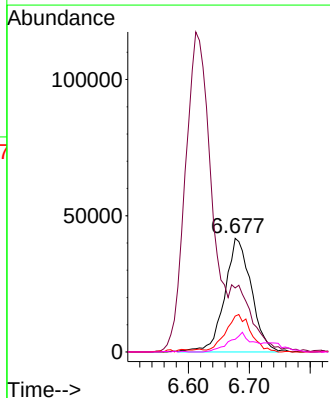
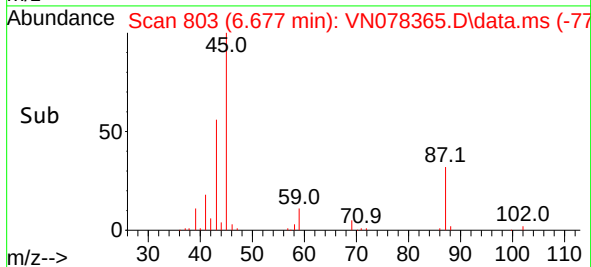
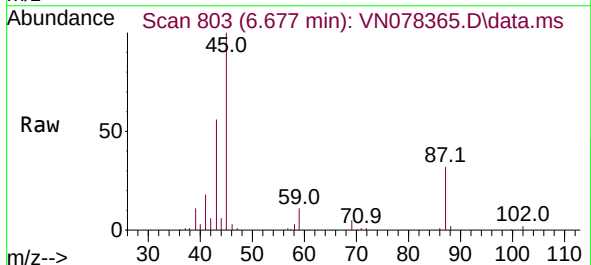
Manual Integrations
APPROVED

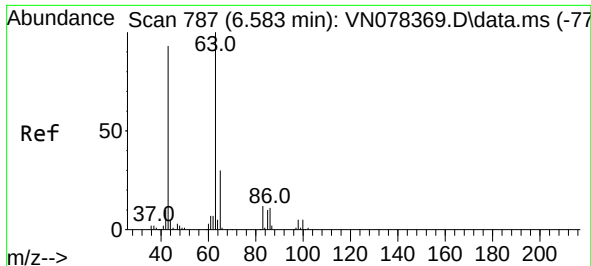
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#20
Diisopropyl ether
Concen: 9.203 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 45 Resp: 126209
Ion Ratio Lower Upper
45 100
43 51.8 43.6 65.4
87 31.7 25.8 38.6
59 11.2 10.6 16.0





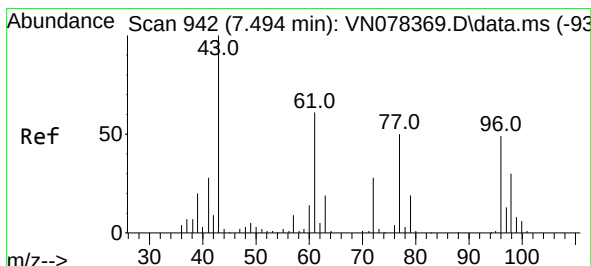
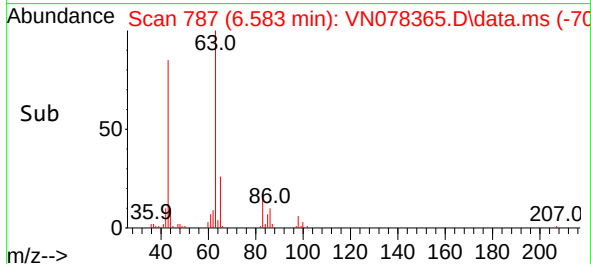
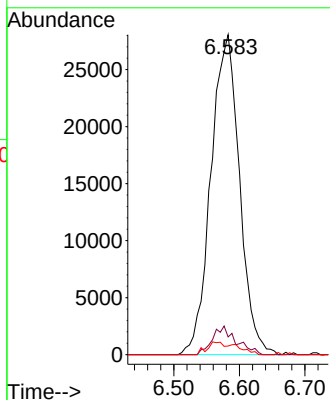
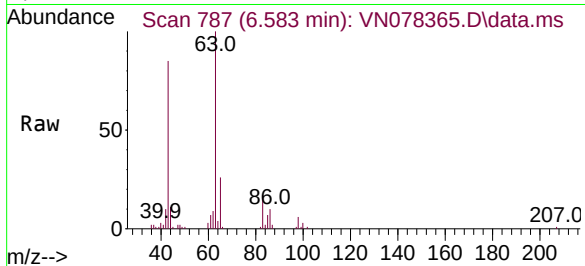
#21
1,1-Dichloroethane
Concen: 9.346 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 63 Resp: 8501
Ion Ratio Lower Upper
63 100
98 5.6 2.7 8.1
100 2.7 2.5 7.4

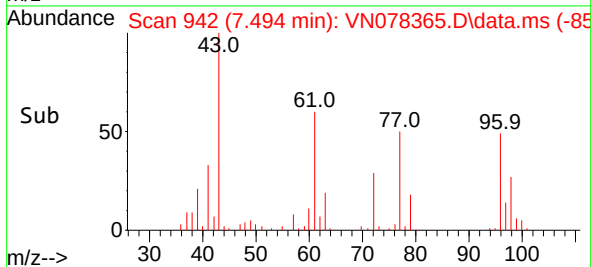
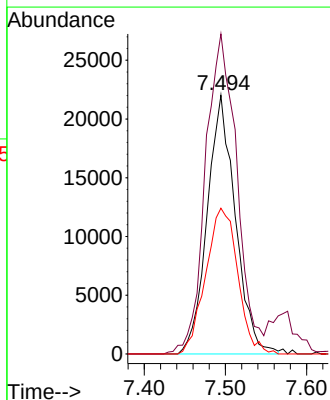
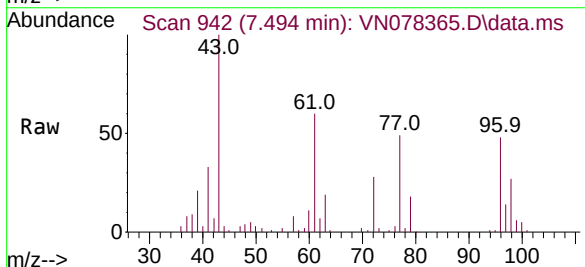
Manual Integrations
APPROVED

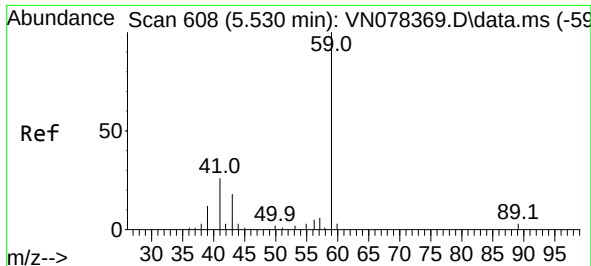
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#22
cis-1,2-Dichloroethene
Concen: 9.298 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

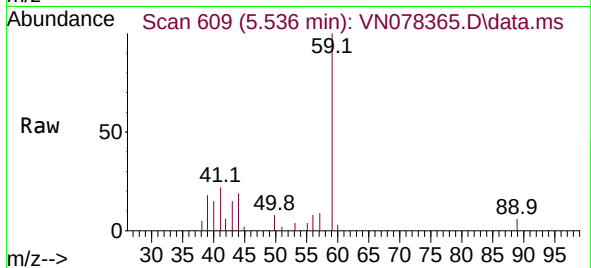
Tgt Ion: 96 Resp: 53137
Ion Ratio Lower Upper
96 100
61 137.7 113.8 170.6
98 64.2 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 48.098 ug/l m
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

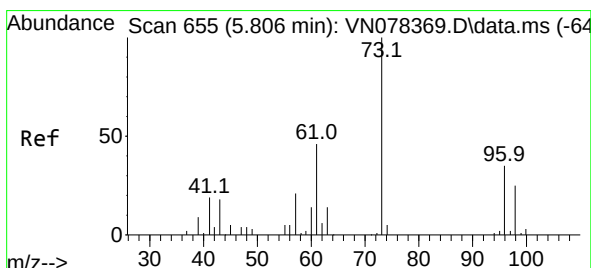
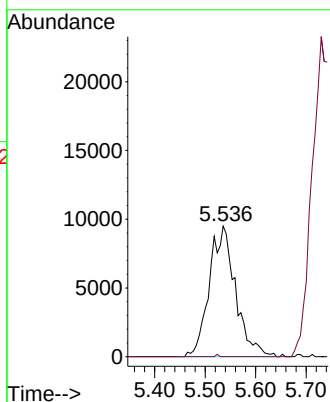
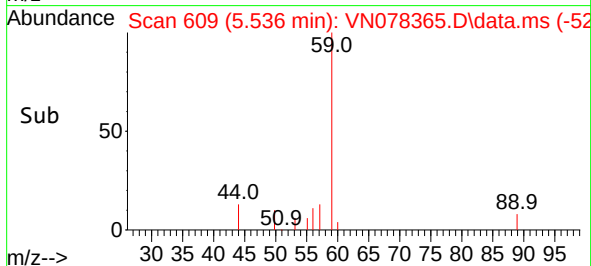
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 59 Resp: 34275
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

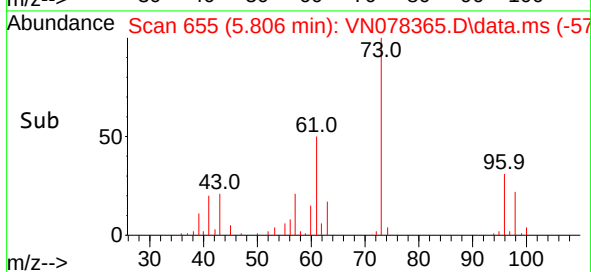
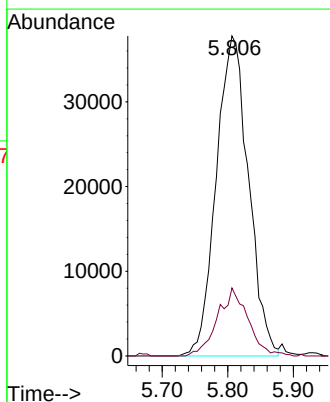
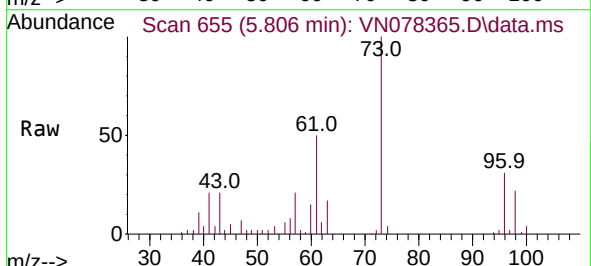
Manual Integrations
APPROVED

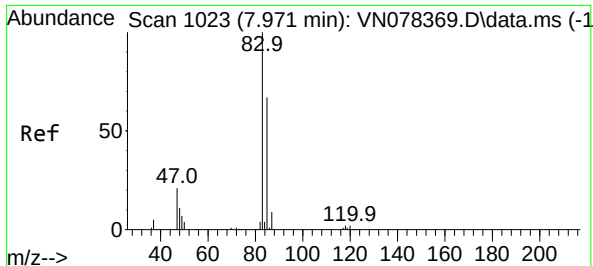
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#24
Methyl tert-Butyl Ether
Concen: 8.994 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 73 Resp: 129084
Ion Ratio Lower Upper
73 100
43 13.0 14.5 21.7#





#25

Chloroform

Concen: 9.703 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 93274

Ion Ratio Lower Upper

83 100

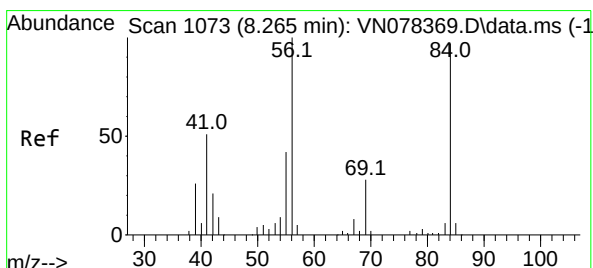
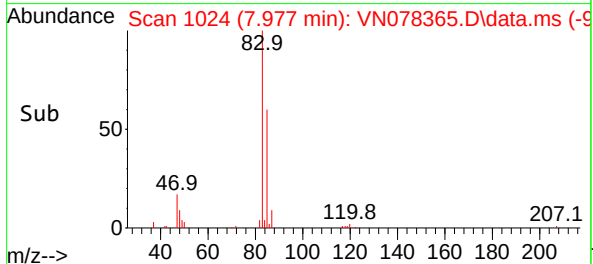
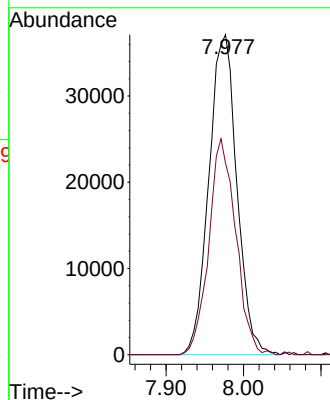
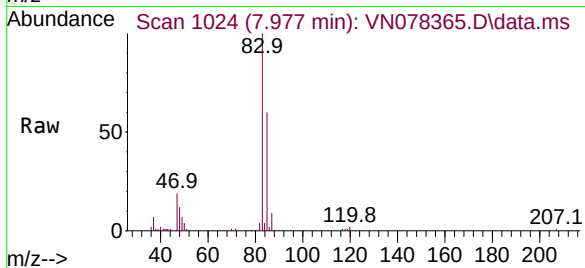
85 59.9 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#26

Cyclohexane

Concen: 9.037 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

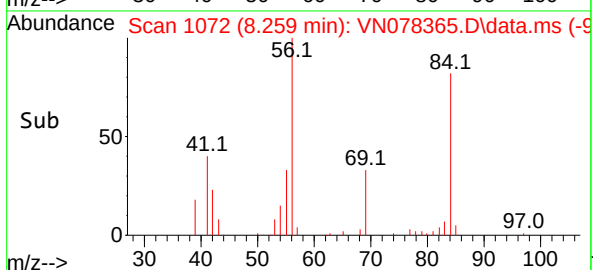
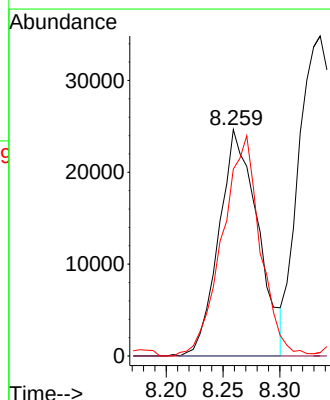
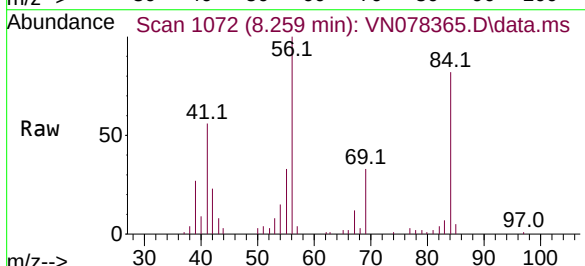
Tgt Ion: 56 Resp: 58833

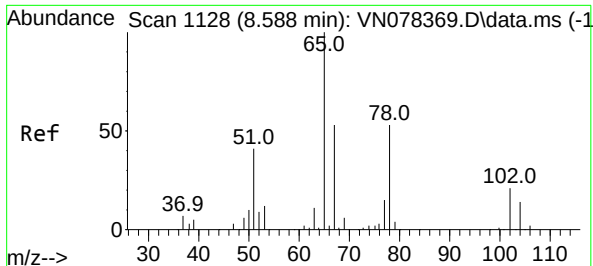
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.7 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 29.699 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 180608

Ion Ratio Lower Upper

65 100

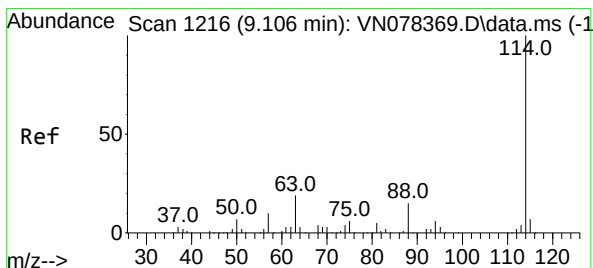
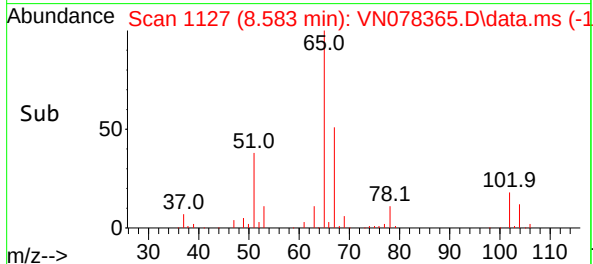
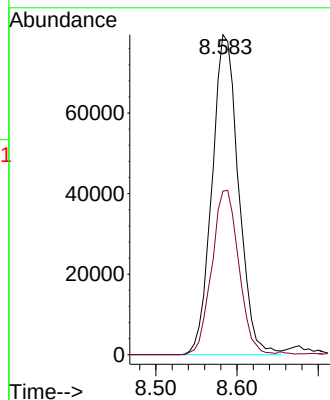
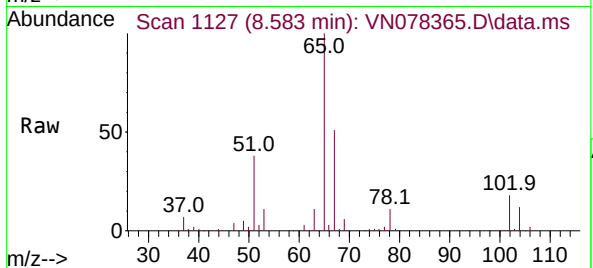
67 52.2 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

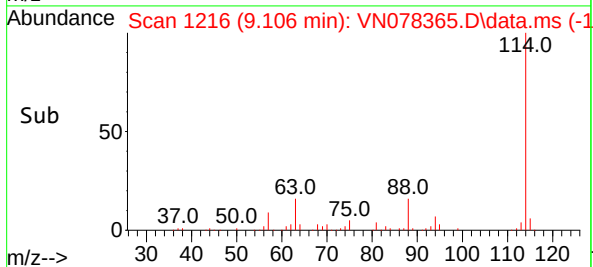
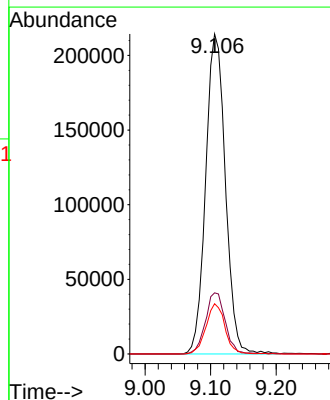
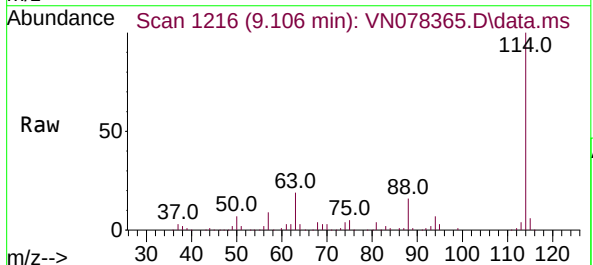
Tgt Ion:114 Resp: 448404

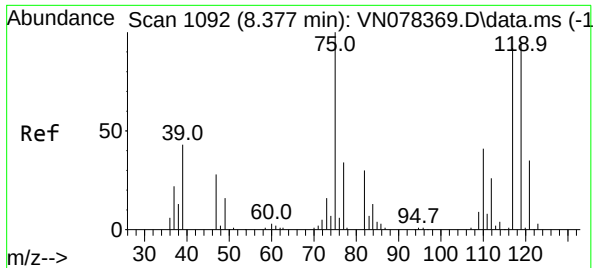
Ion Ratio Lower Upper

114 100

63 19.0 15.2 22.8

88 15.1 12.5 18.7





#29
1,1-Dichloropropene
Concen: 8.978 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

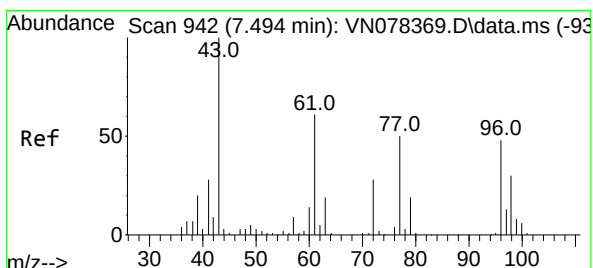
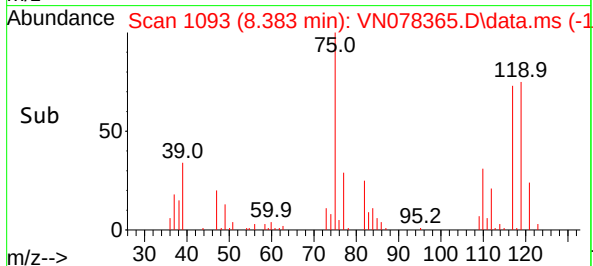
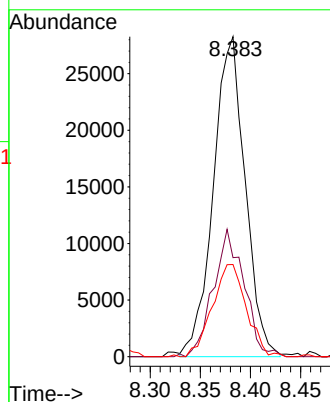
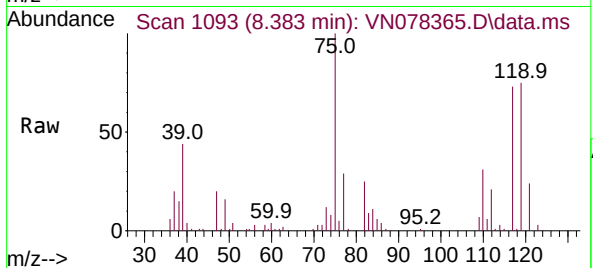
Tgt Ion: 75 Resp: 62404
Ion Ratio Lower Upper
75 100
110 38.0 0.0 72.2
77 30.5 0.0 62.8

Manual Integrations

APPROVED

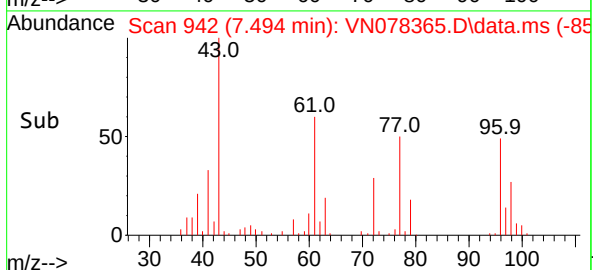
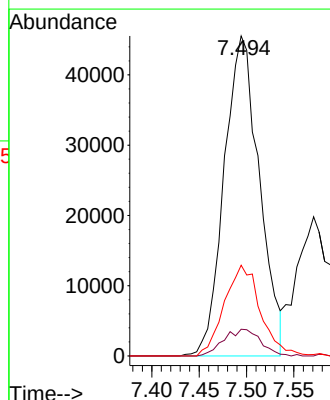
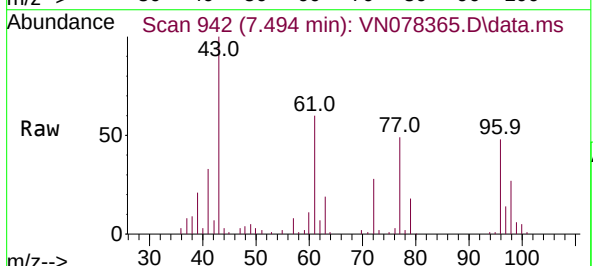
Reviewed By :John Carlone 06/24/2023

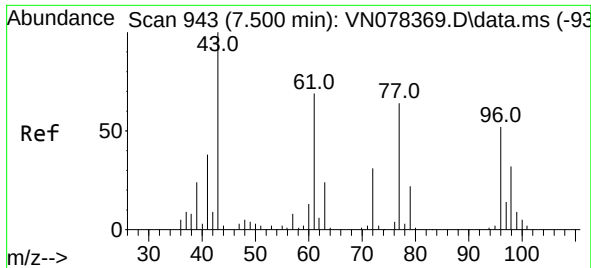
Supervised By :Mahesh Dadoda 06/26/2023



#30
2-Butanone
Concen: 48.335 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 43 Resp: 117766
Ion Ratio Lower Upper
43 100
57 8.7 6.8 10.2
72 29.0 23.8 35.6





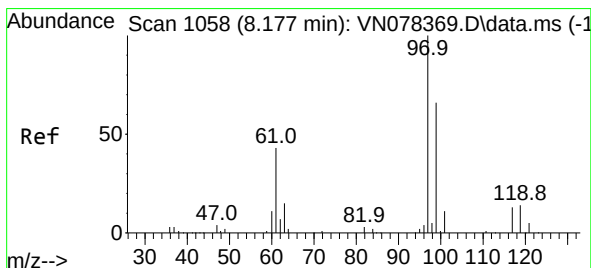
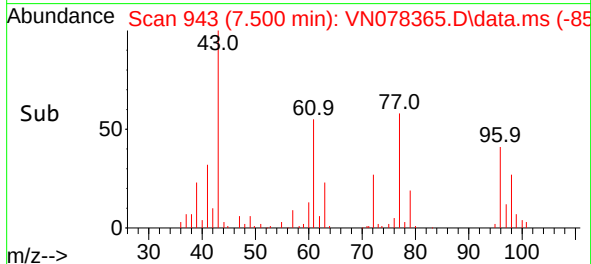
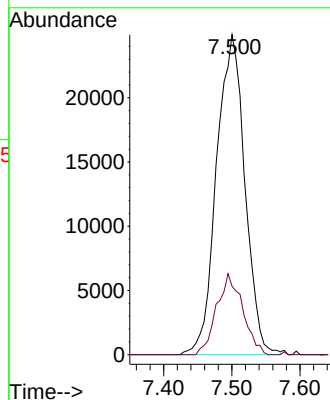
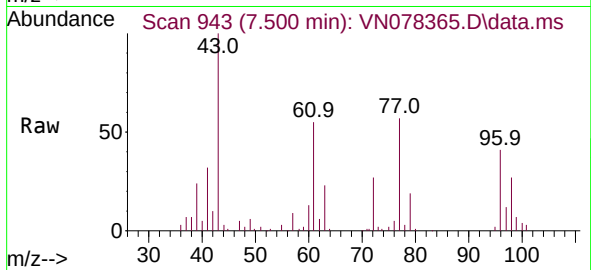
#31
2,2-Dichloropropane
Concen: 9.709 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 77 Resp: 7216
Ion Ratio Lower Upper
77 100
97 23.2 18.8 28.2

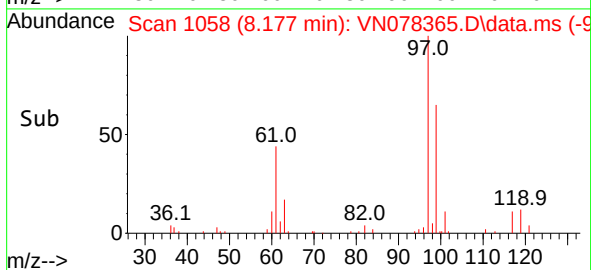
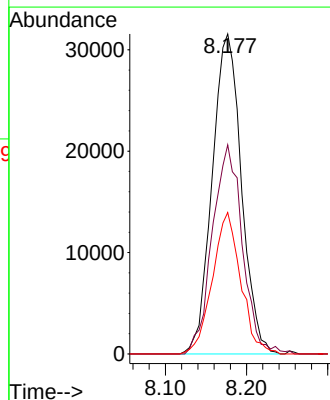
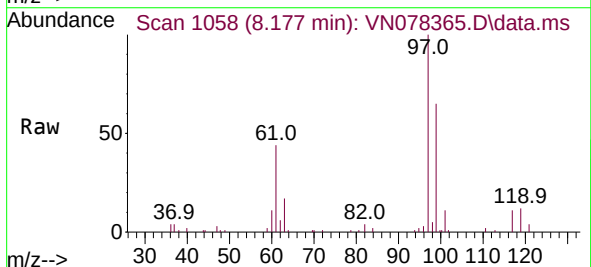
Manual Integrations
APPROVED

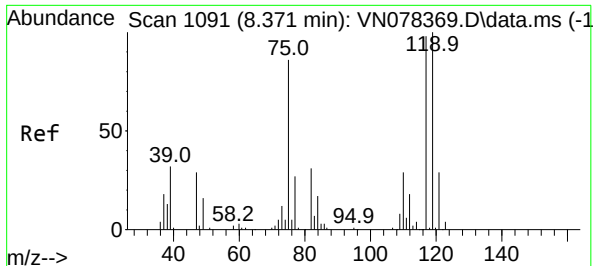
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#32
1,1,1-Trichloroethane
Concen: 9.330 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

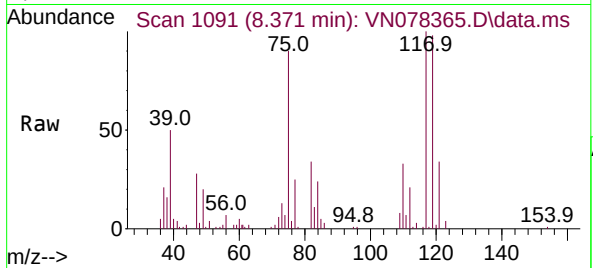
Tgt Ion: 97 Resp: 79023
Ion Ratio Lower Upper
97 100
99 67.0 51.3 76.9
61 42.9 34.6 52.0





#33
Carbon Tetrachloride
Concen: 9.128 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

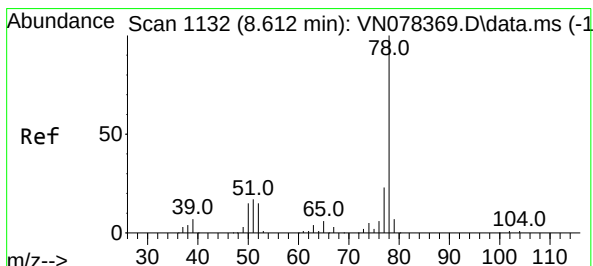
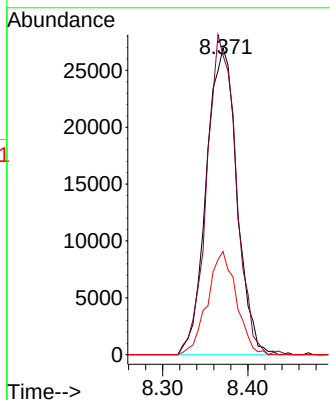
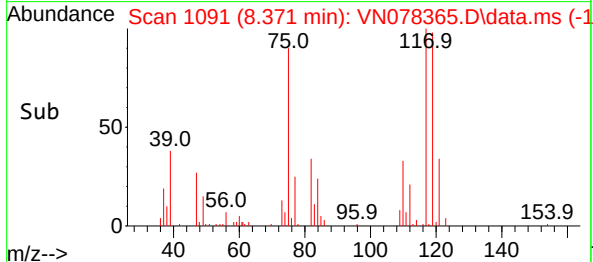
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 67410
Ion Ratio Lower Upper
117 100
119 97.6 81.4 122.0
121 33.6 23.6 35.4

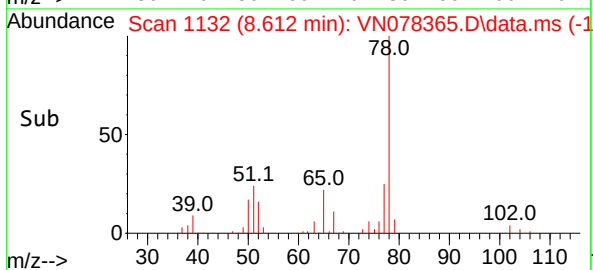
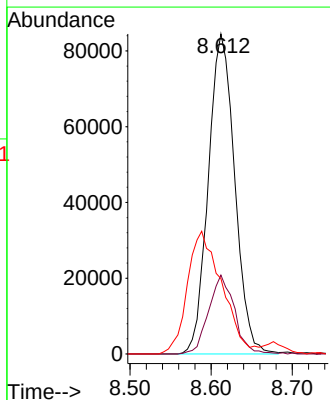
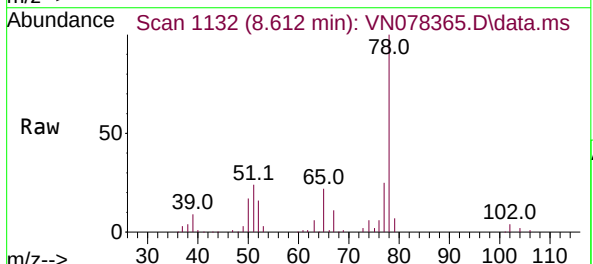
Manual Integrations
APPROVED

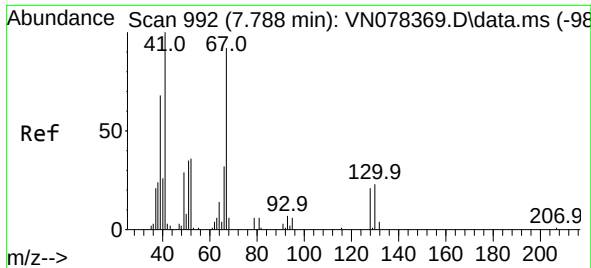
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#34
Benzene
Concen: 9.223 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

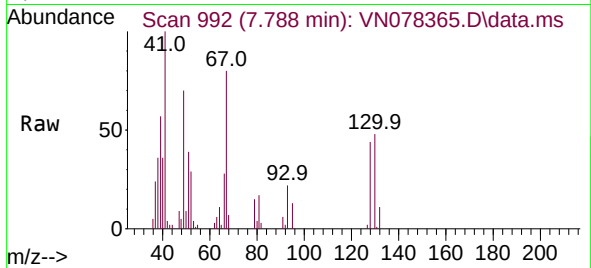
Tgt Ion: 78 Resp: 191185
Ion Ratio Lower Upper
78 100
77 24.7 18.3 27.5
51 20.7 13.7 20.5#





#35
Methacrylonitrile
Concen: 8.822 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

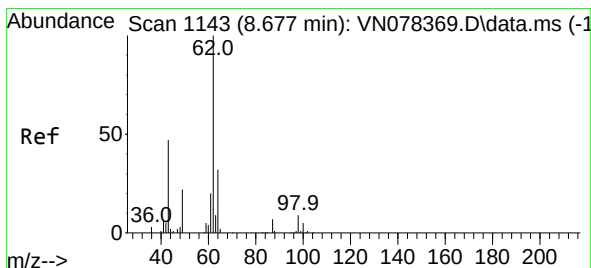
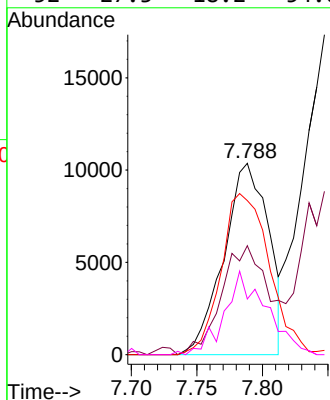
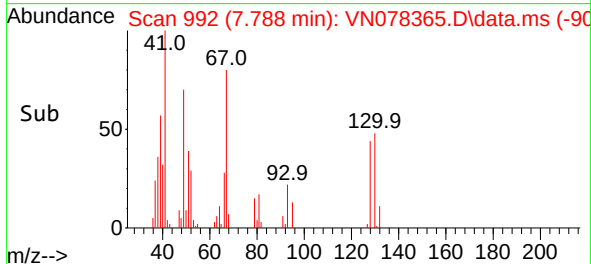
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 2466
Ion Ratio Lower Upper
41 100
39 56.9 33.9 101.6
67 80.5 45.9 137.6
52 27.3 18.2 54.6

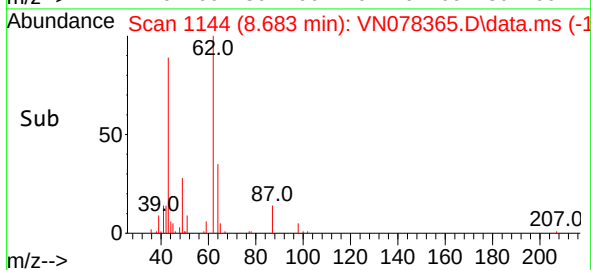
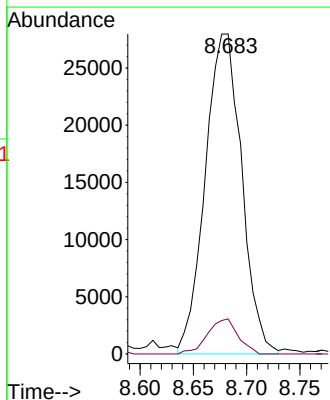
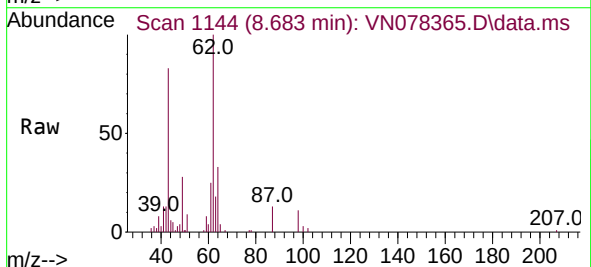
Manual Integrations
APPROVED

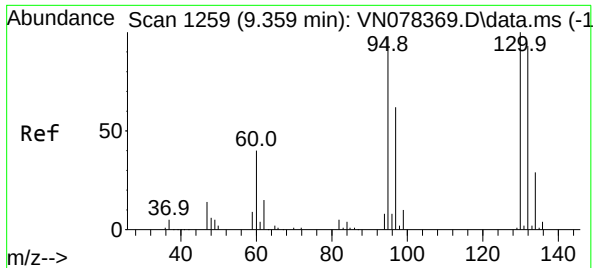
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#36
1,2-Dichloroethane
Concen: 9.412 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 62 Resp: 66513
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





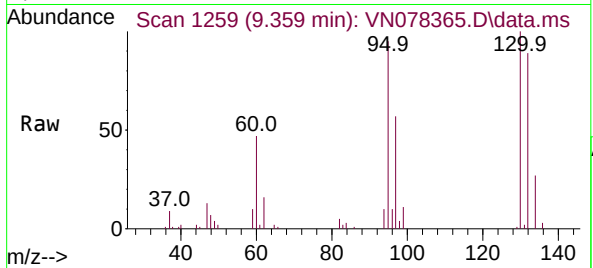
#37
Trichloroethene
Concen: 9.500 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

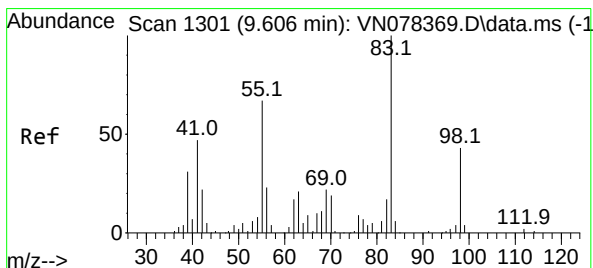
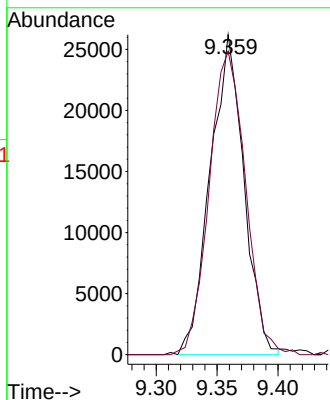
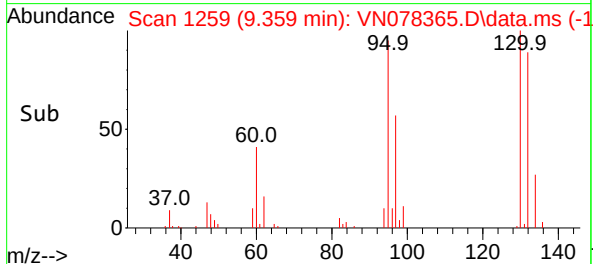


Tgt Ion:130 Resp: 50314
Ion Ratio Lower Upper
130 100
95 93.6 78.2 117.4

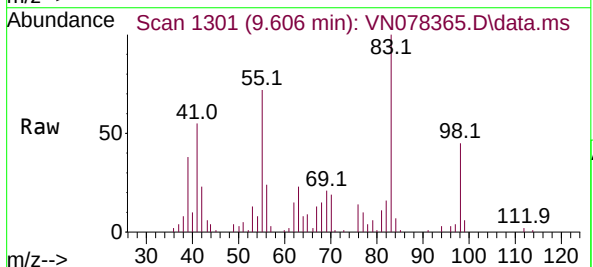
Manual Integrations

APPROVED

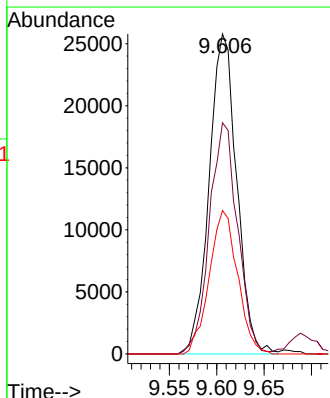
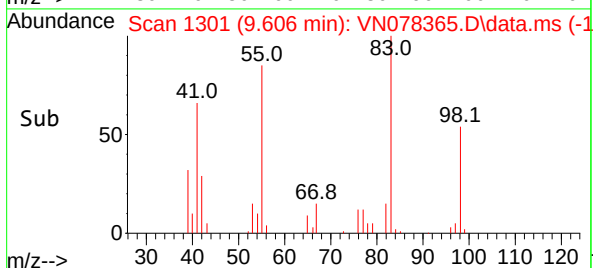
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

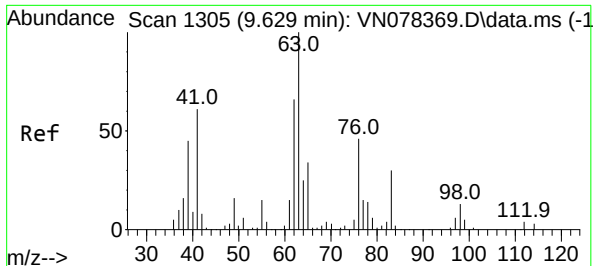


#38
Methylcyclohexane
Concen: 8.566 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34



Tgt Ion: 83 Resp: 52314
Ion Ratio Lower Upper
83 100
55 73.5 34.0 102.0
98 46.0 23.0 69.0





#39

1,2-Dichloropropane

Concen: 9.354 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 4856

Ion Ratio Lower Upper

63 100

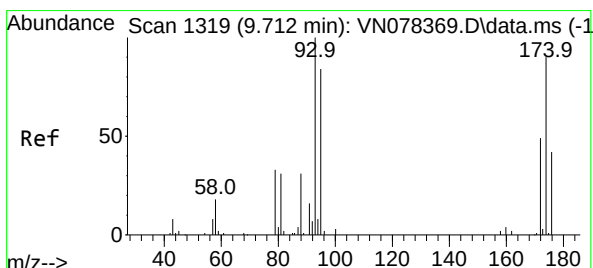
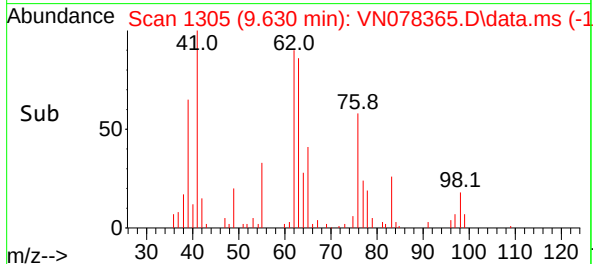
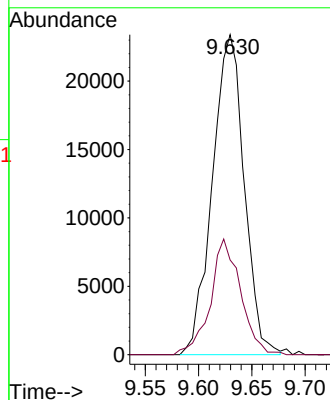
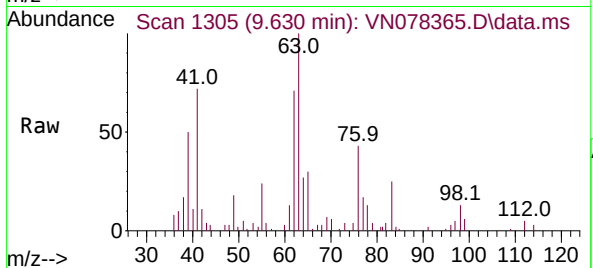
65 28.9 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#40

Dibromomethane

Concen: 9.435 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

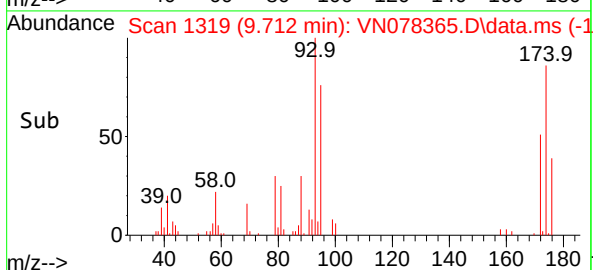
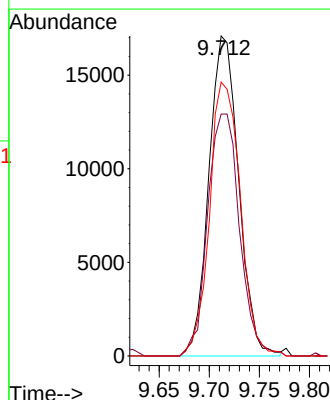
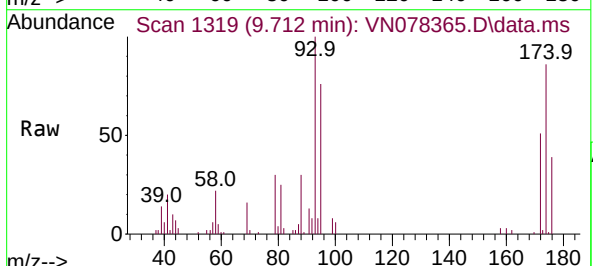
Tgt Ion: 93 Resp: 35350

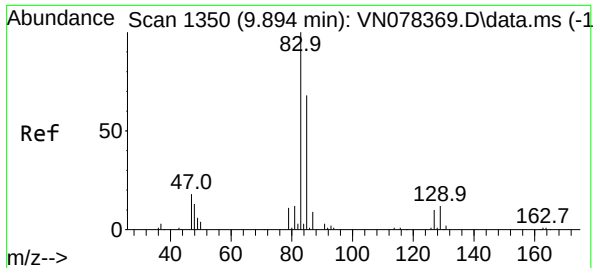
Ion Ratio Lower Upper

93 100

95 81.1 0.0 167.8

174 88.2 0.0 180.8





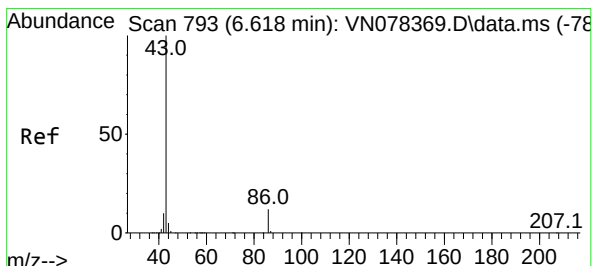
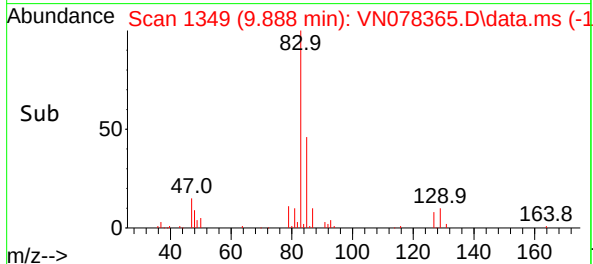
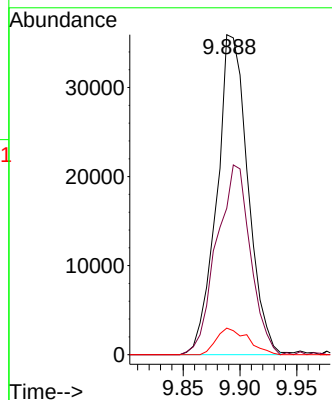
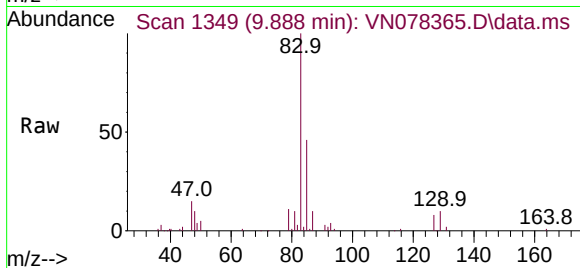
#41
Bromodichloromethane
Concen: 9.404 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 6845
Ion Ratio Lower Upper
83 100
85 45.7 54.1 81.1
127 8.3 7.8 11.6

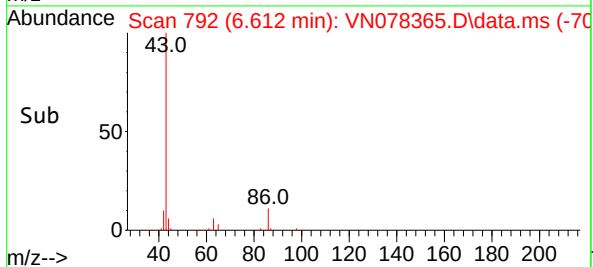
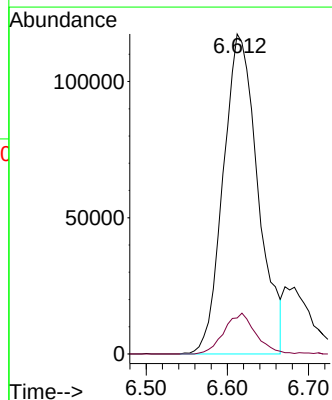
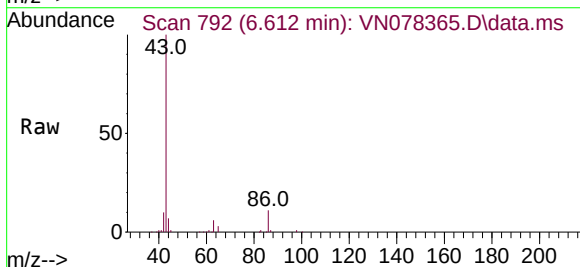
Manual Integrations
APPROVED

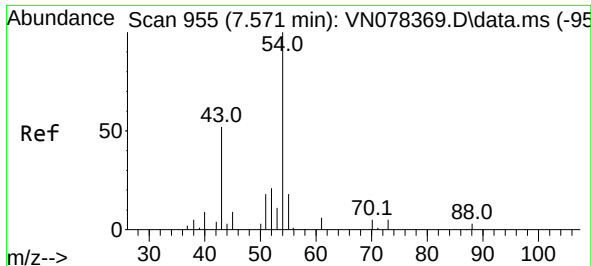
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#42
Vinyl Acetate
Concen: 45.001 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 43 Resp: 349274
Ion Ratio Lower Upper
43 100
86 11.6 9.4 14.0





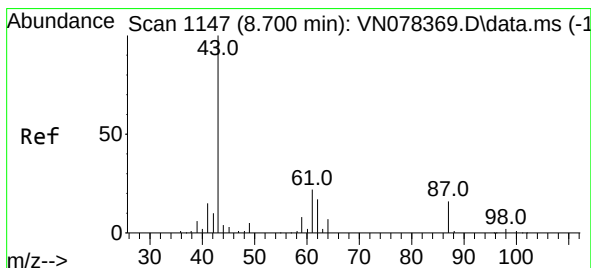
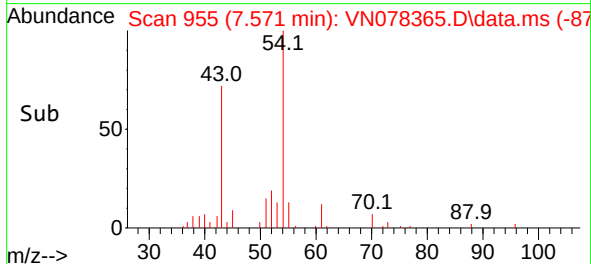
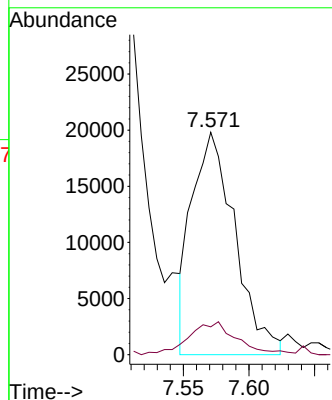
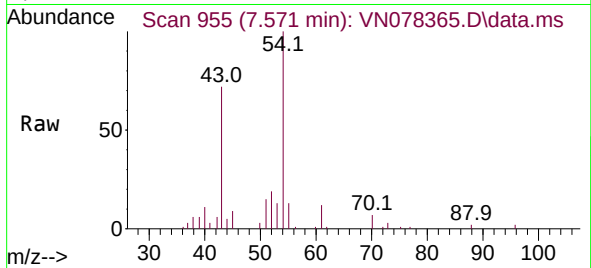
#43
Ethyl Acetate
Concen: 9.037 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 45160
Ion Ratio Lower Upper
43 100
45 16.1 10.9 16.3

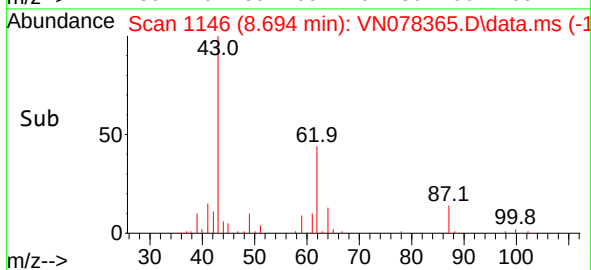
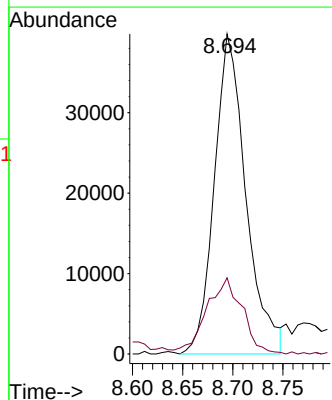
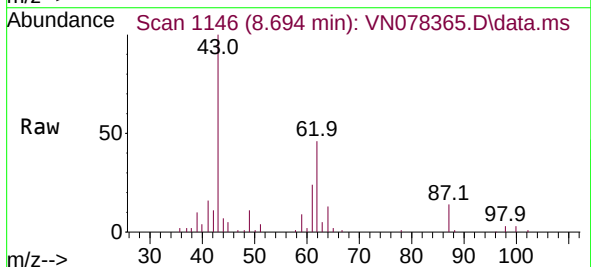
Manual Integrations
APPROVED

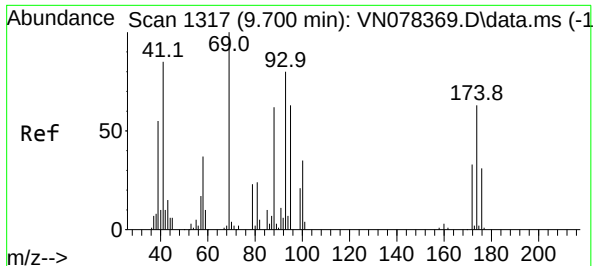
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#44
Isopropyl Acetate
Concen: 9.400 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 43 Resp: 87098
Ion Ratio Lower Upper
43 100
61 26.9 23.0 34.6





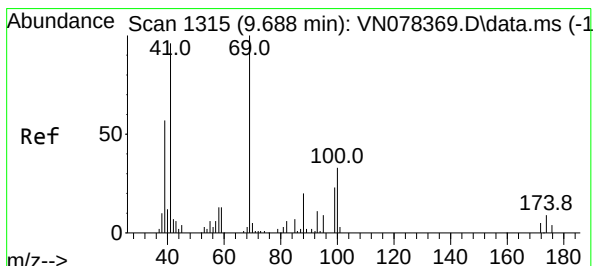
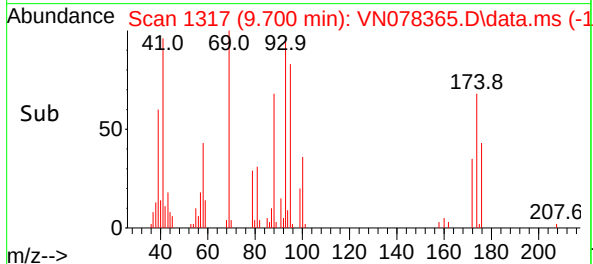
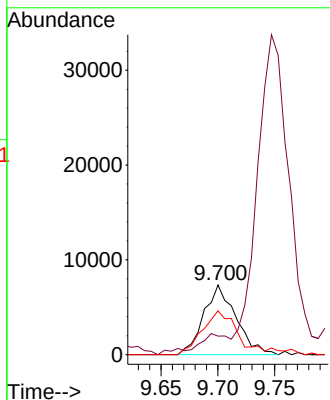
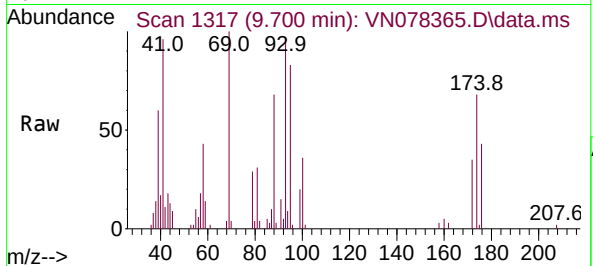
#45
1,4-Dioxane
Concen: 182.173 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 88 Resp: 14540
Ion Ratio Lower Upper
88 100
43 22.9 19.0 28.6
58 61.9 48.2 72.2

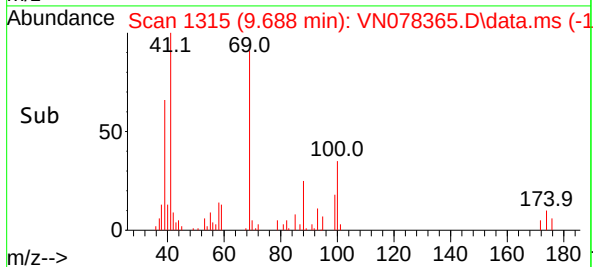
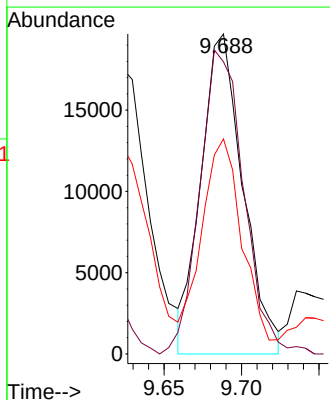
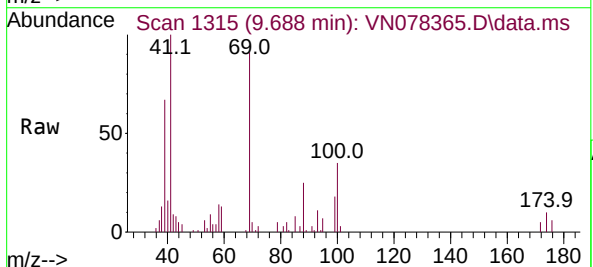
Manual Integrations
APPROVED

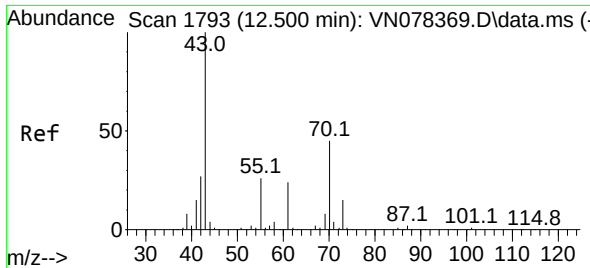
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#46
Methyl methacrylate
Concen: 8.993 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 41 Resp: 37090
Ion Ratio Lower Upper
41 100
69 94.2 49.0 147.0
39 67.4 31.6 94.8





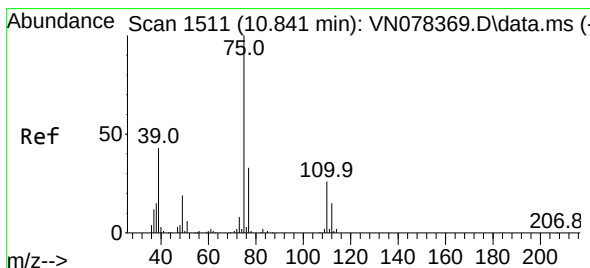
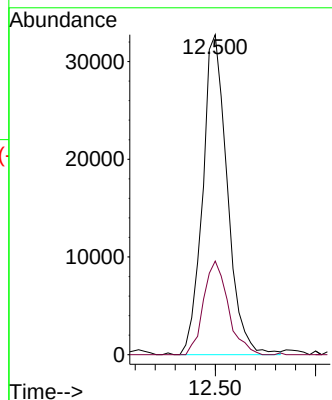
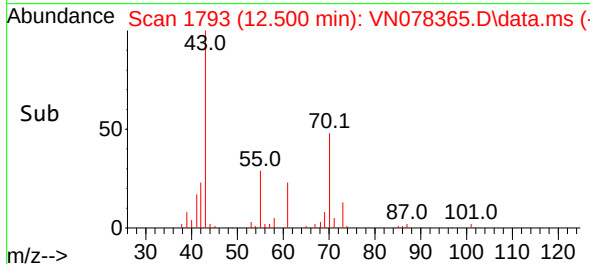
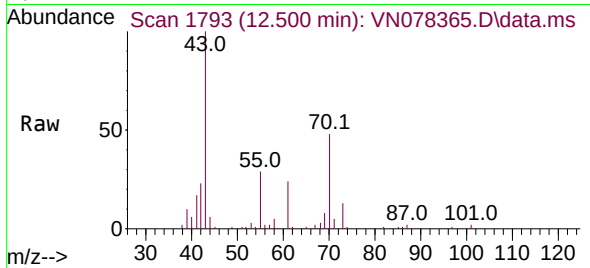
#47
n-amy1 Acetate
Concen: 8.209 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 55910
Ion Ratio Lower Upper
43 100
55 29.2 21.5 32.3

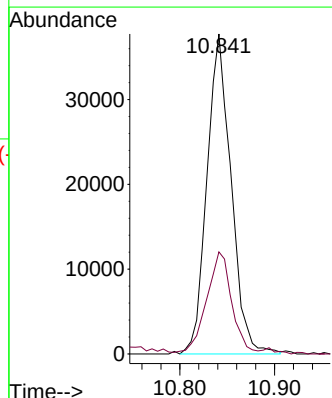
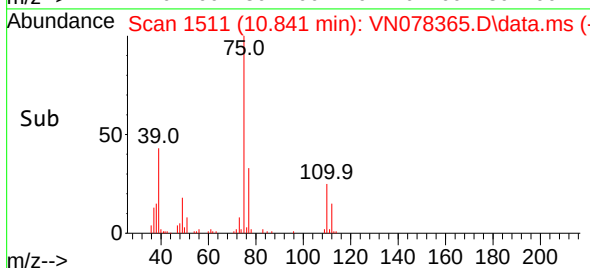
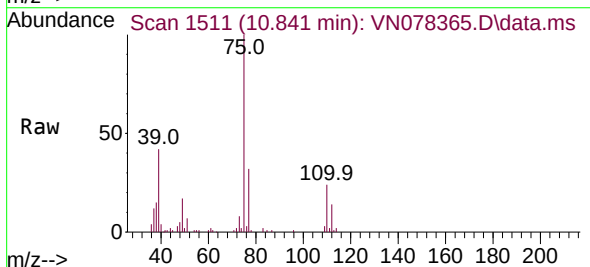
Manual Integrations
APPROVED

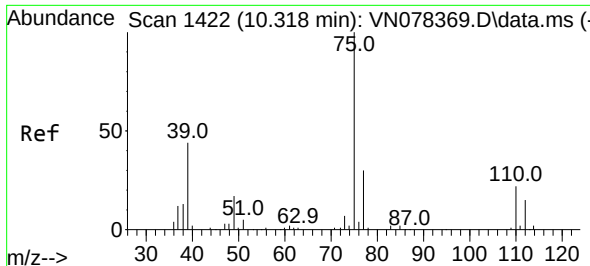
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#48
t-1,3-Dichloropropene
Concen: 8.927 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 75 Resp: 66702
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 9.155 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 75 Resp: 75400

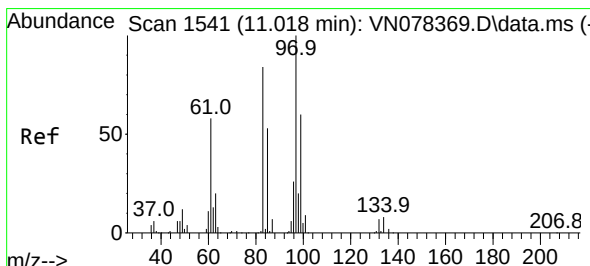
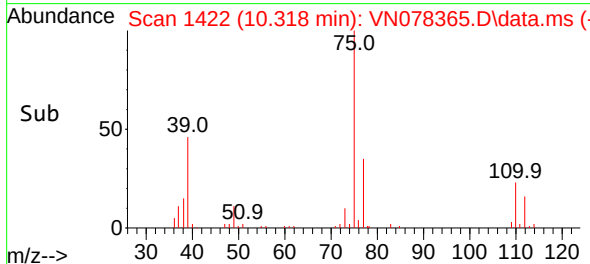
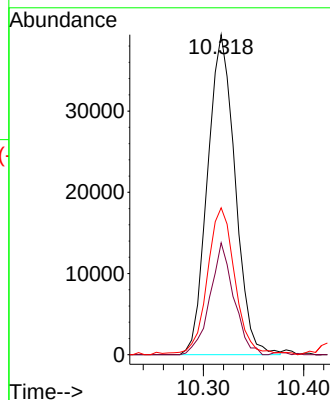
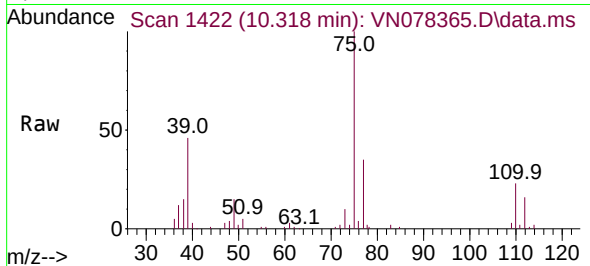
Ion	Ratio	Lower	Upper
75	100		
77	34.9	24.0	36.0
39	45.2	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#50

1,1,2-Trichloroethane

Concen: 9.042 ug/l

RT: 11.018 min Scan# 1541

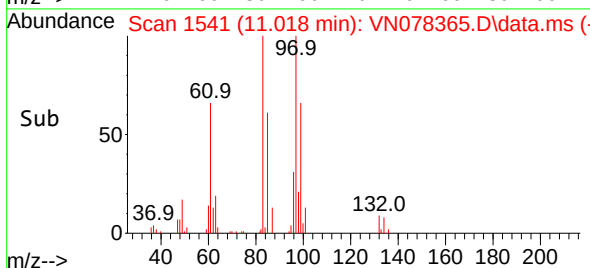
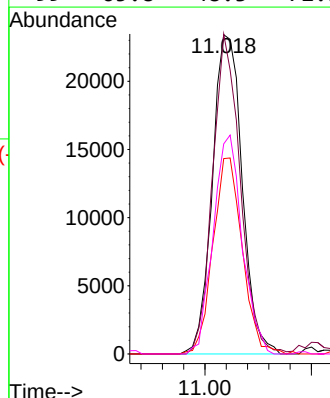
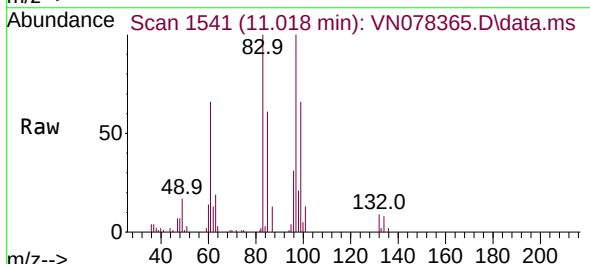
Delta R.T. 0.000 min

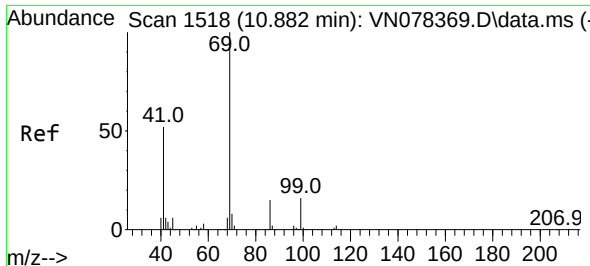
Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

Tgt Ion: 97 Resp: 45417

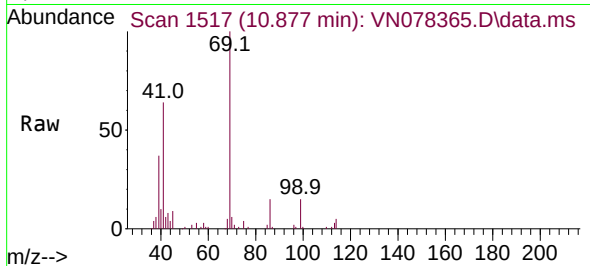
Ion	Ratio	Lower	Upper
97	100		
83	100.2	66.8	100.2
85	61.2	42.5	63.7
99	65.8	48.3	72.5





#51
Ethyl methacrylate
Concen: 8.553 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

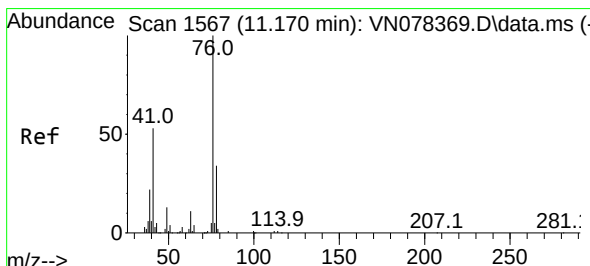
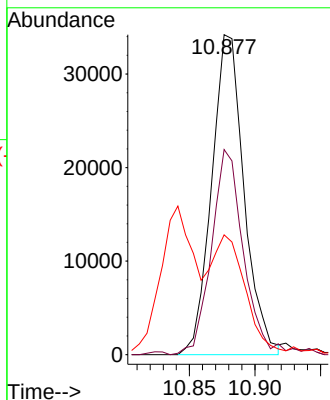
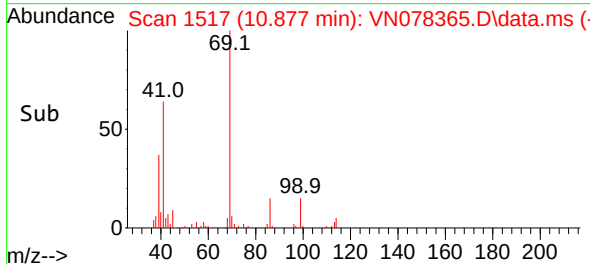
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 69 Resp: 58774
Ion Ratio Lower Upper
69 100
41 63.0 26.0 78.0
39 35.6 16.3 48.9

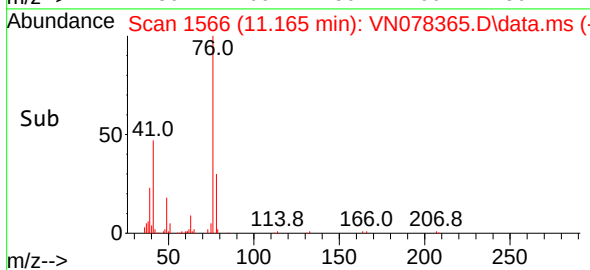
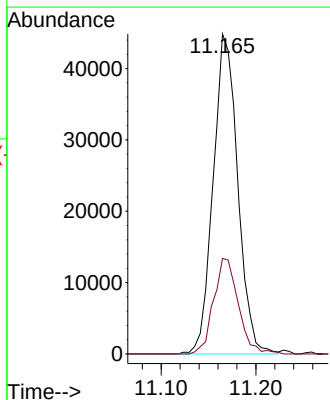
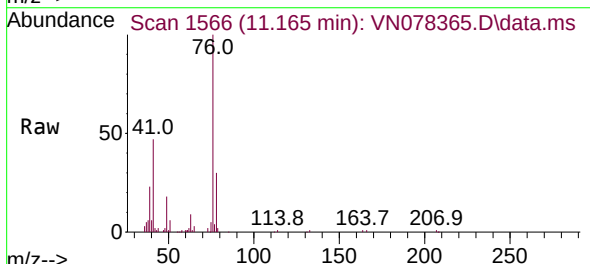
Manual Integrations
APPROVED

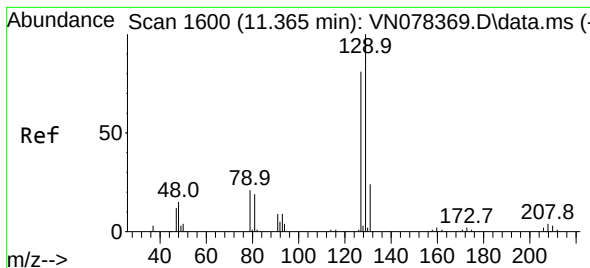
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
1,3-Dichloropropane
Concen: 9.589 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

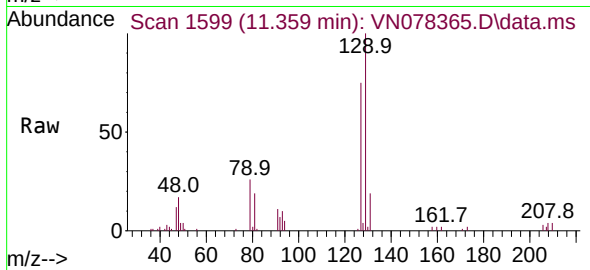
Tgt Ion: 76 Resp: 80841
Ion Ratio Lower Upper
76 100
78 29.6 0.0 66.2





#53
Dibromochloromethane
Concen: 8.948 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

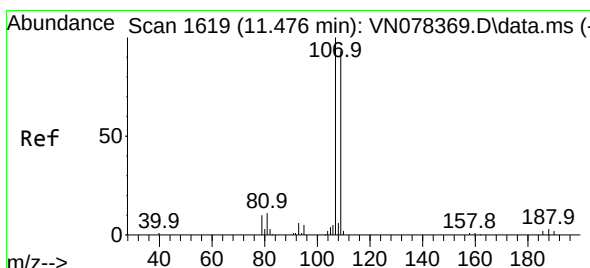
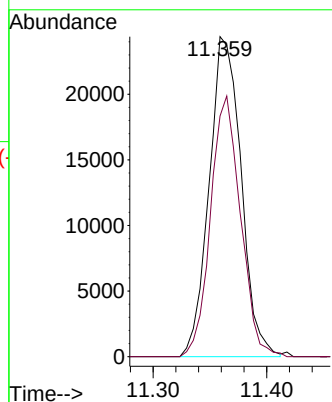
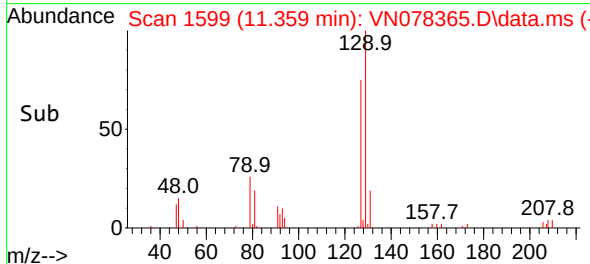
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



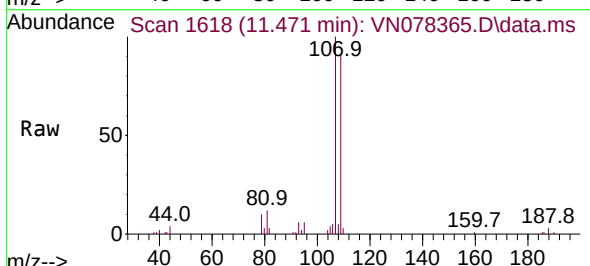
Tgt Ion:129 Resp: 47673
Ion Ratio Lower Upper
129 100
127 76.1 39.4 118.1

Manual Integrations
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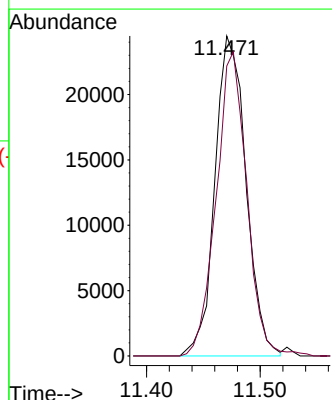
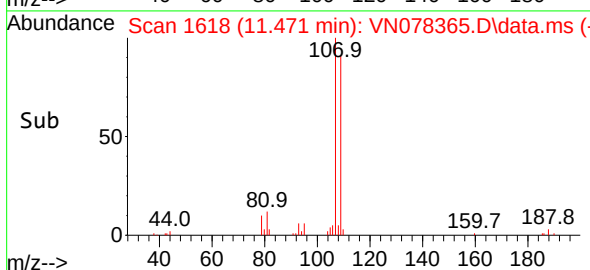
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

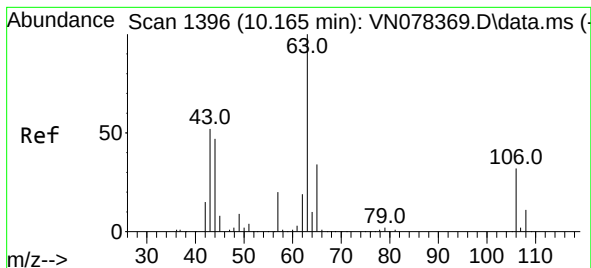


#54
1,2-Dibromoethane
Concen: 9.191 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34



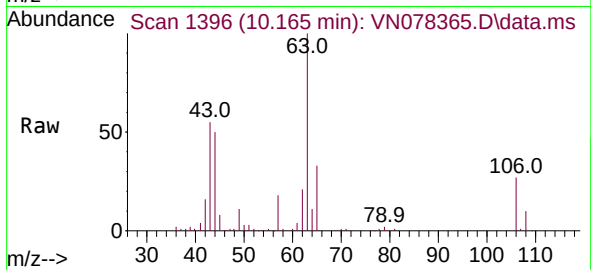
Tgt Ion:107 Resp: 46533
Ion Ratio Lower Upper
107 100
109 93.2 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 47.525 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

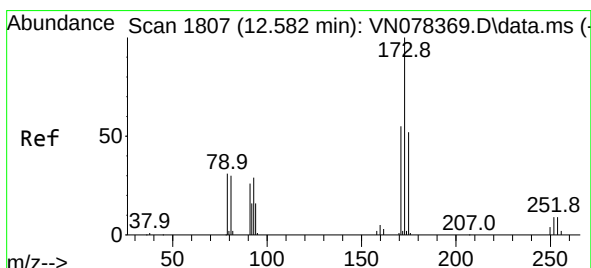
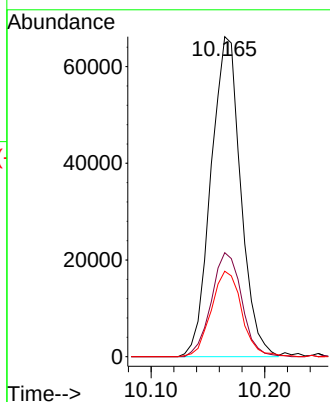
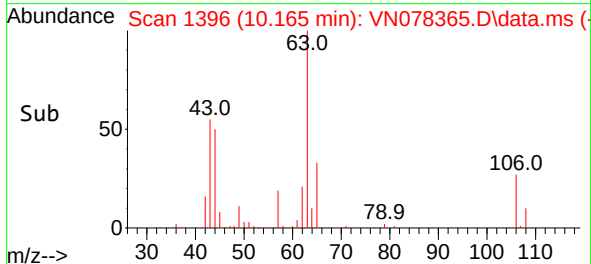
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 63 Resp: 120478
Ion Ratio Lower Upper
63 100
65 33.1 26.3 39.5
106 27.5 23.8 35.6

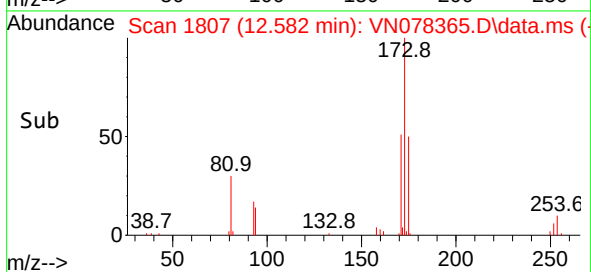
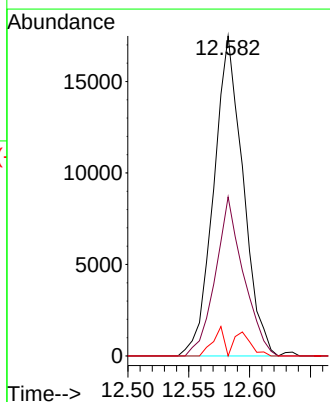
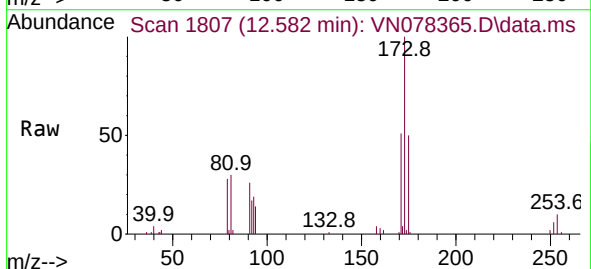
Manual Integrations
APPROVED

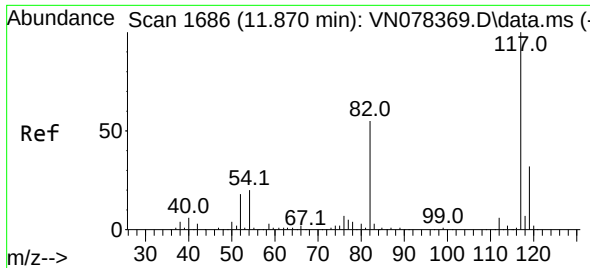
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#56
Bromoform
Concen: 9.002 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

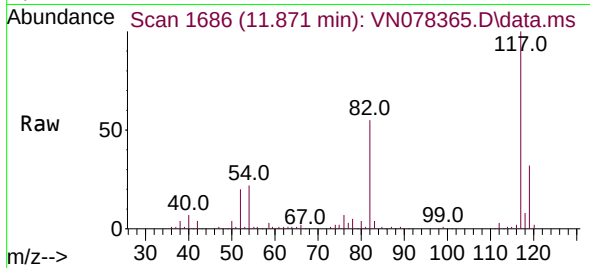
Tgt Ion:173 Resp: 29357
Ion Ratio Lower Upper
173 100
175 47.6 40.7 61.1
254 3.5 6.5 9.7#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

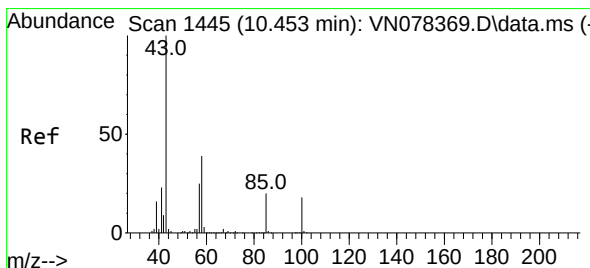
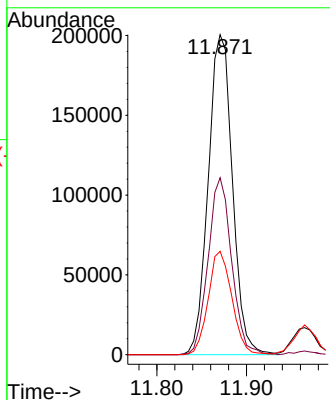
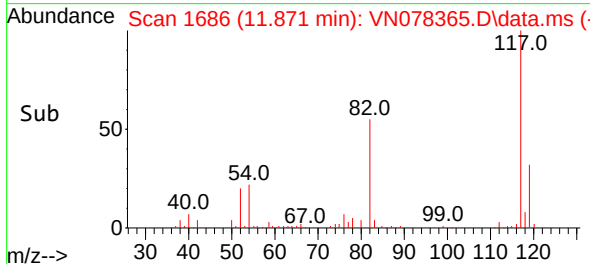
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:117 Resp: 376070
Ion Ratio Lower Upper
117 100
82 53.6 43.9 65.9
119 31.6 26.2 39.4

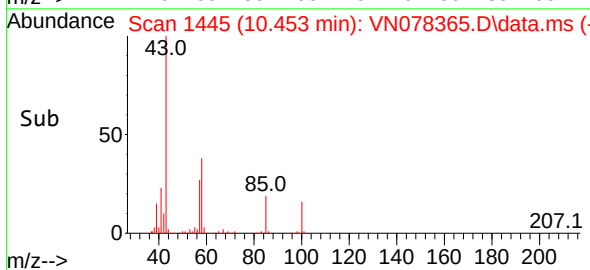
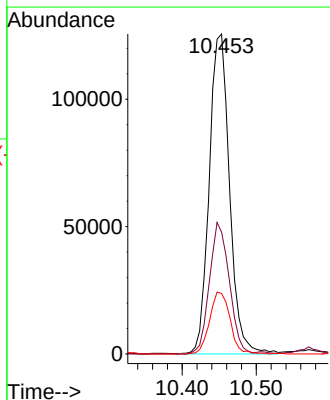
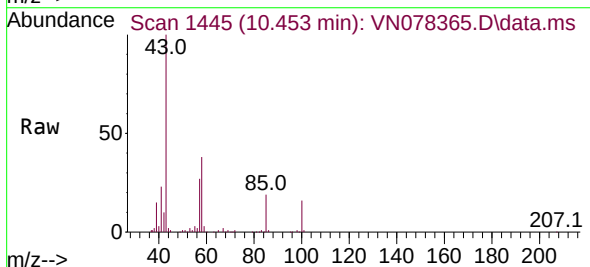
Manual Integrations
APPROVED

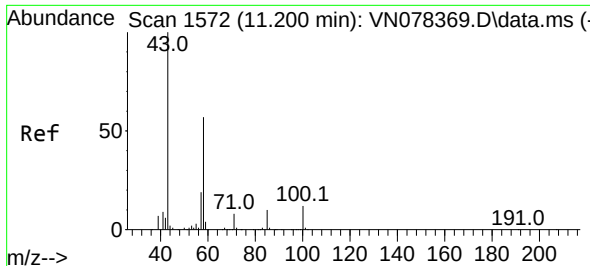
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#58
4-Methyl-2-Pentanone
Concen: 47.788 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 43 Resp: 239994
Ion Ratio Lower Upper
43 100
58 39.9 32.6 48.8
85 19.3 16.2 24.2





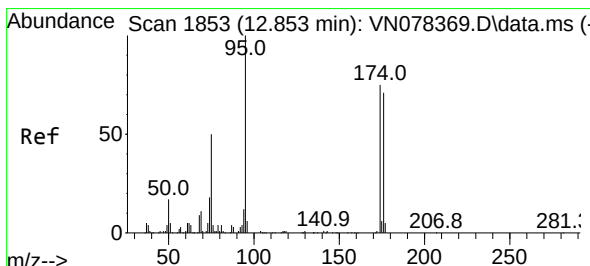
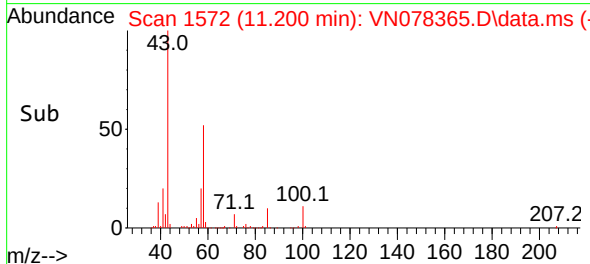
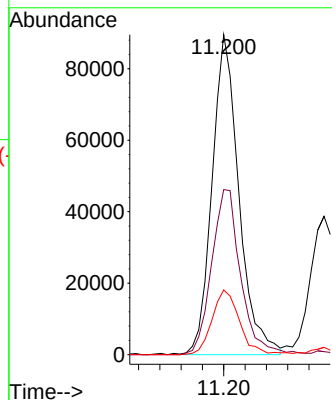
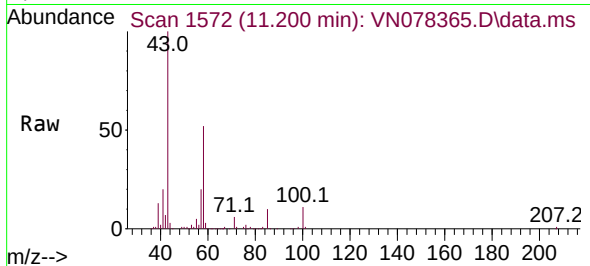
#59
2-Hexanone
Concen: 45.000 ug/l
RT: 11.200 min Scan# 156079
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 156079
Ion Ratio Lower Upper
43 100
58 56.1 45.9 68.9
57 20.5 15.8 23.6

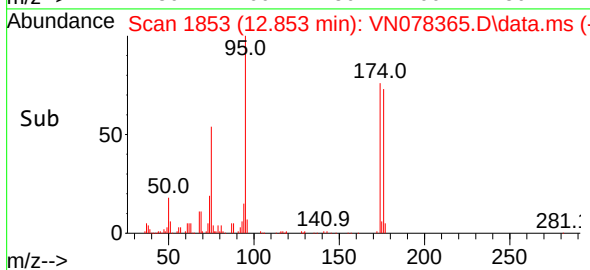
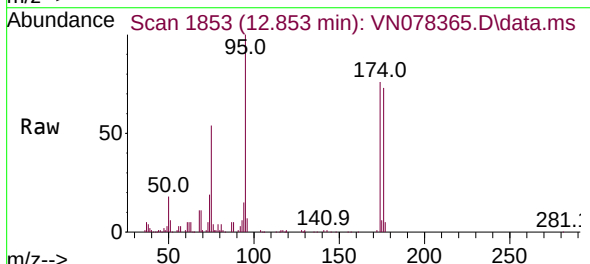
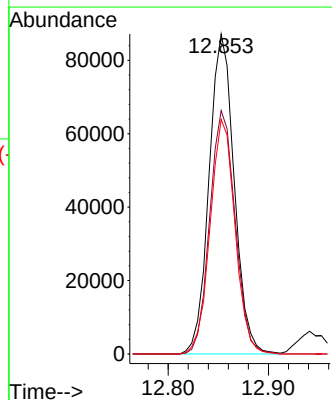
Manual Integrations
APPROVED

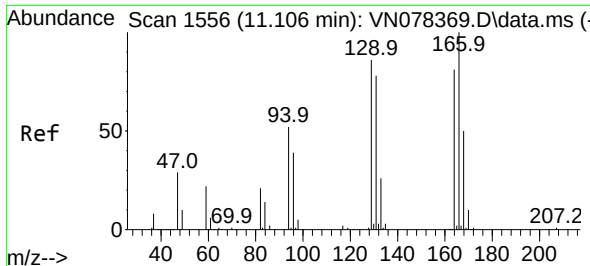
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
4-Bromofluorobenzene
Concen: 28.611 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

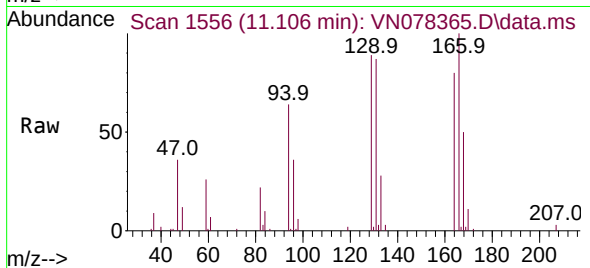
Tgt Ion: 95 Resp: 151592
Ion Ratio Lower Upper
95 100
174 76.7 61.7 92.5
176 72.5 58.1 87.1





#61
Tetrachloroethene
Concen: 9.669 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

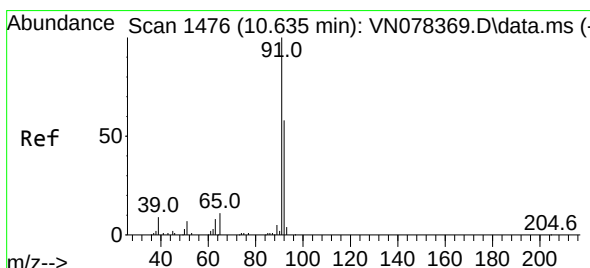
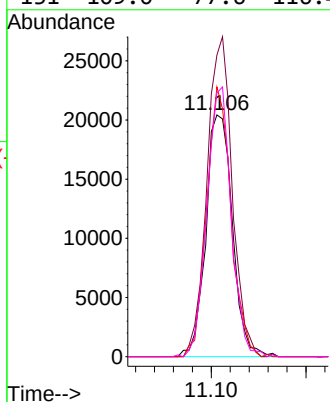
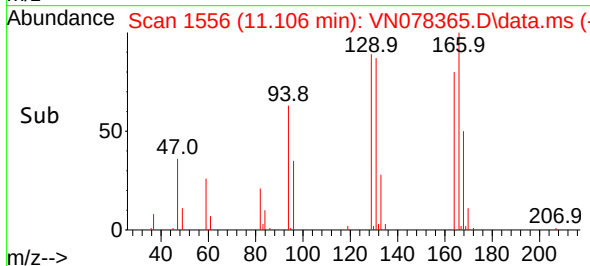
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:164 Resp: 39840
Ion Ratio Lower Upper
164 100
166 124.7 99.1 148.7
129 111.5 85.6 128.4
131 109.0 77.6 116.4

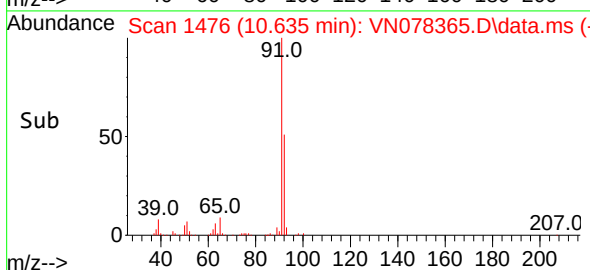
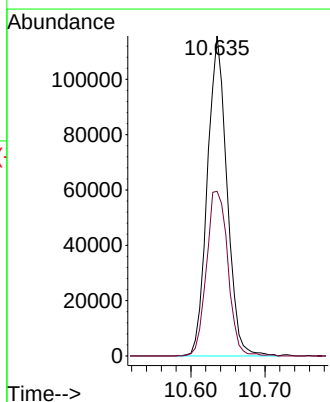
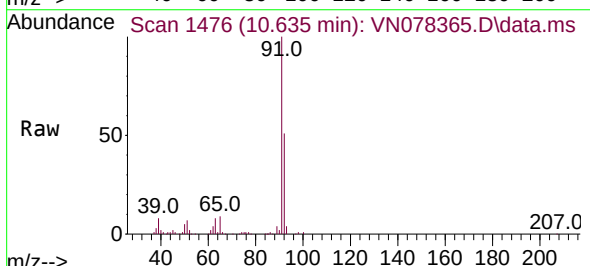
Manual Integrations
APPROVED

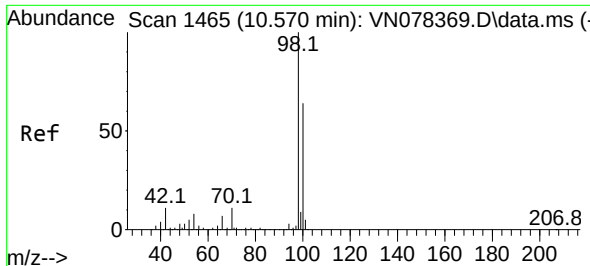
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#62
Toluene
Concen: 9.688 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

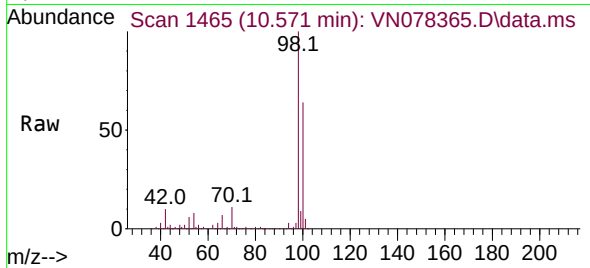
Tgt Ion: 91 Resp: 212038
Ion Ratio Lower Upper
91 100
92 56.0 45.2 67.8





#63
Toluene-d8
Concen: 31.252 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

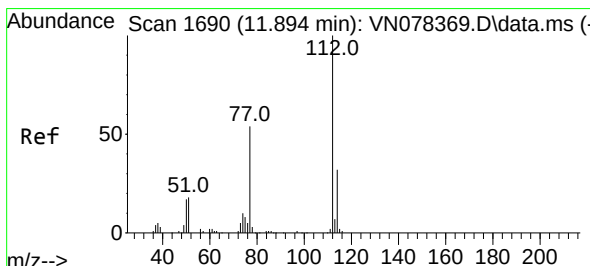
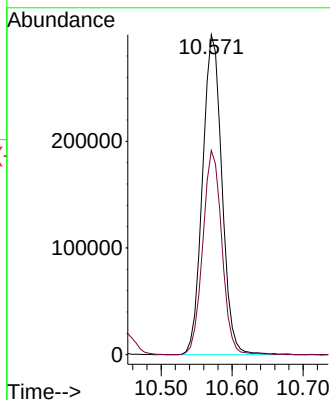
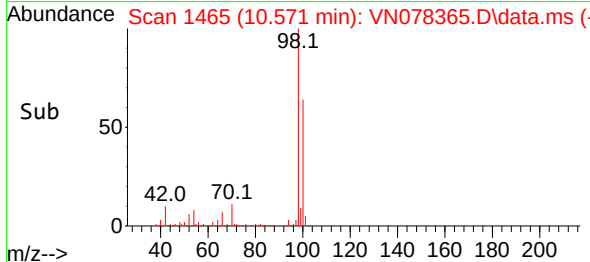
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 98 Resp: 56945
Ion Ratio Lower Upper
98 100
100 62.6 49.7 74.5

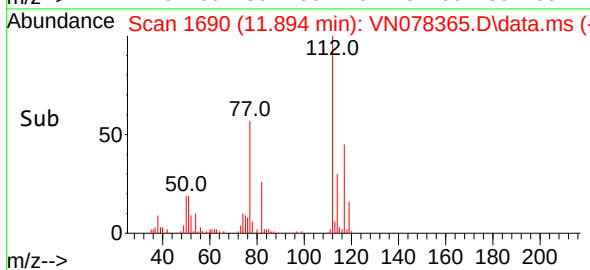
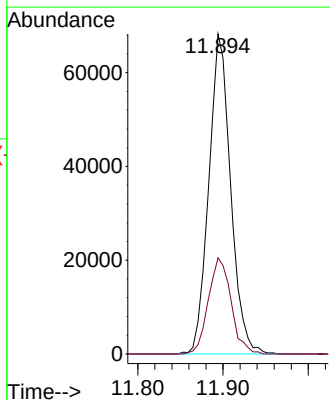
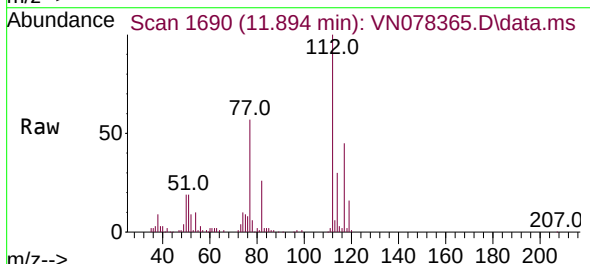
Manual Integrations
APPROVED

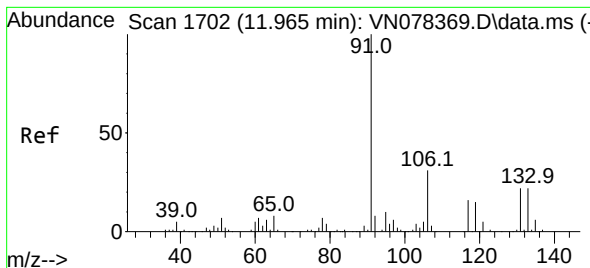
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#64
Chlorobenzene
Concen: 9.369 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

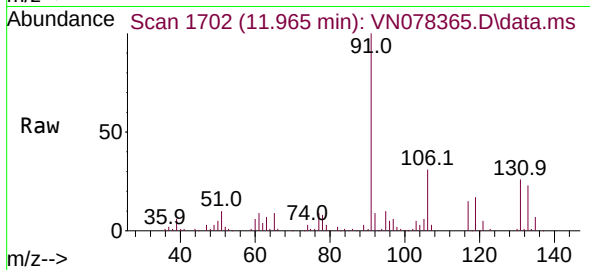
Tgt Ion:112 Resp: 121545
Ion Ratio Lower Upper
112 100
114 30.1 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 9.494 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

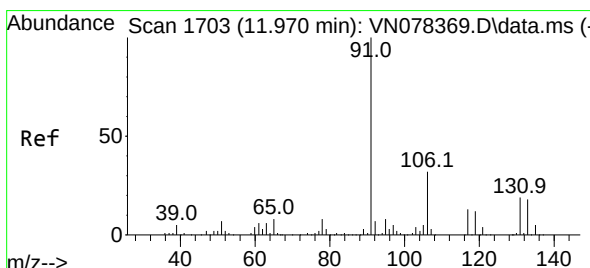
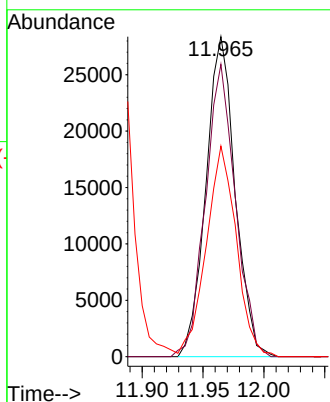
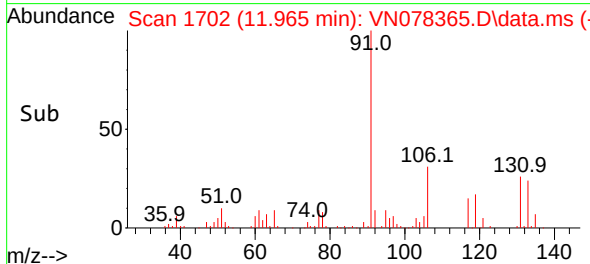
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



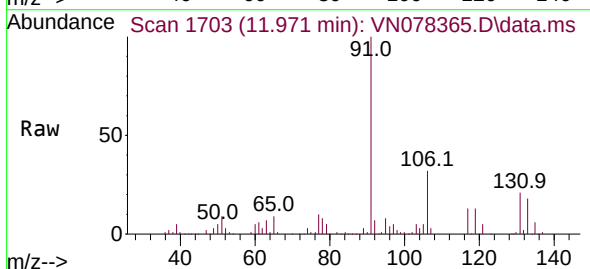
Tgt Ion:131 Resp: 4749
Ion Ratio Lower Upper
131 100
133 93.4 0.0 191.8
119 67.6 0.0 132.0

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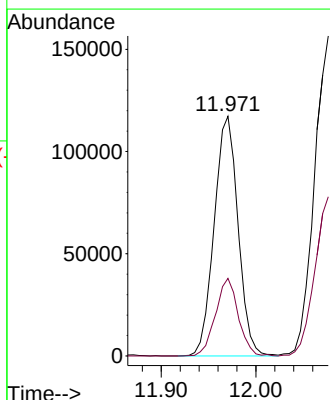
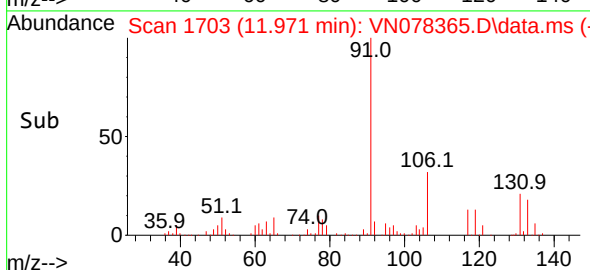
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

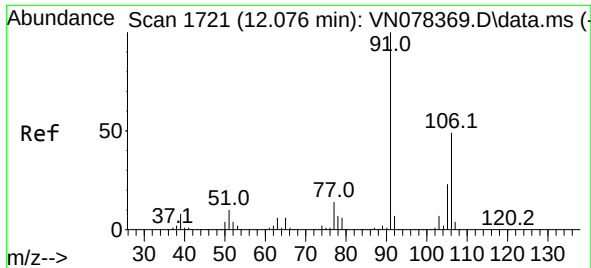


#66
Ethyl Benzene
Concen: 9.226 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34



Tgt Ion: 91 Resp: 205467
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4





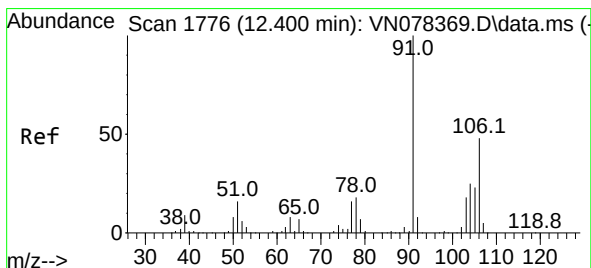
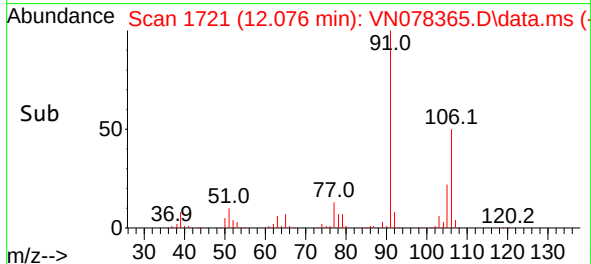
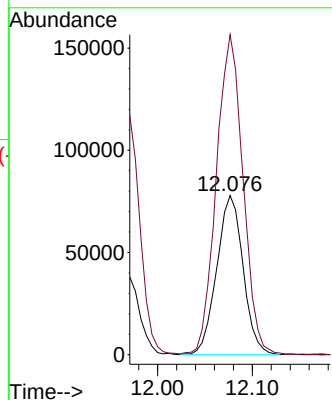
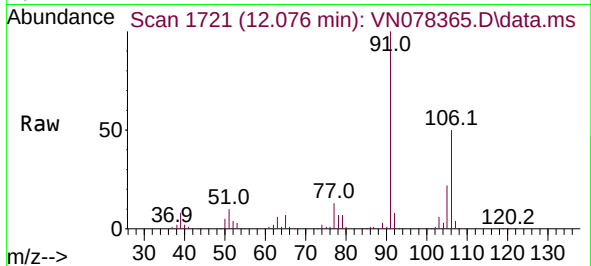
#67
m/p-Xylenes
Concen: 17.870 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 15048
Ion Ratio Lower Upper
106 100
91 203.9 162.5 243.7

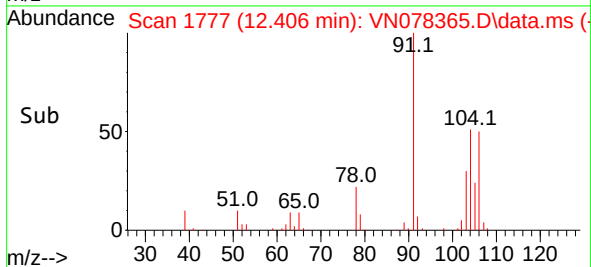
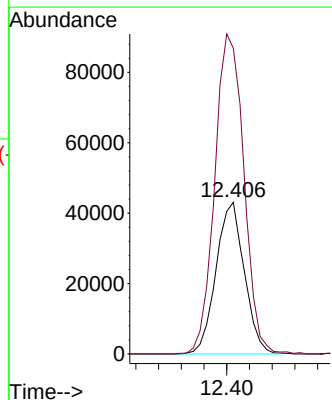
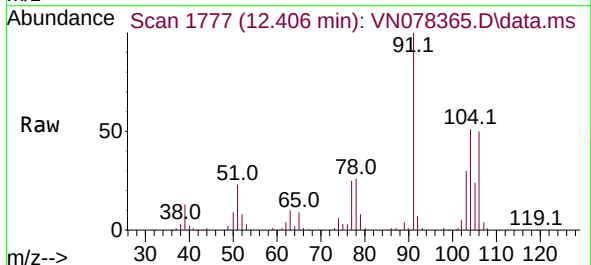
Manual Integrations
APPROVED

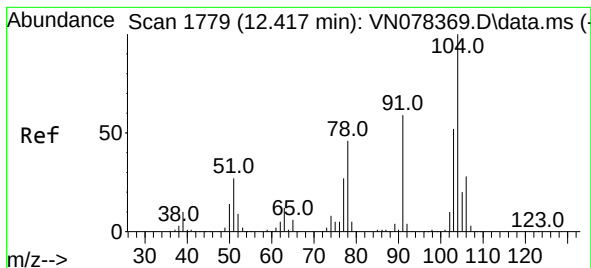
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#68
o-Xylene
Concen: 9.118 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion:106 Resp: 74452
Ion Ratio Lower Upper
106 100
91 217.3 106.1 318.3





#69

Styrene

Concen: 8.830 ug/l

RT: 12.412 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:104 Resp: 114160

Ion Ratio Lower Upper

104 100

78 48.2 40.1 60.1

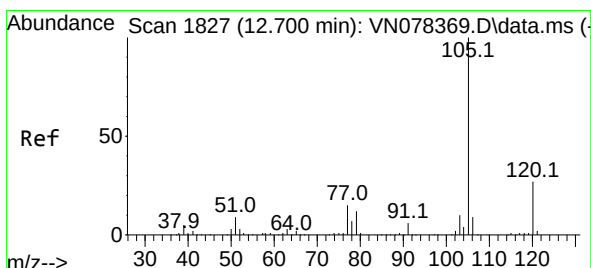
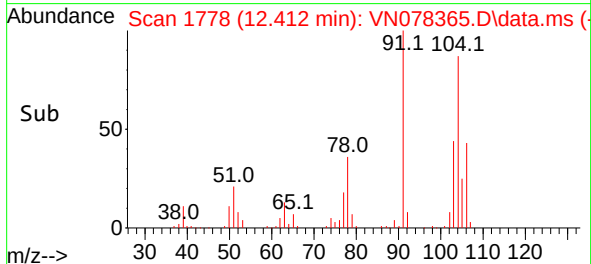
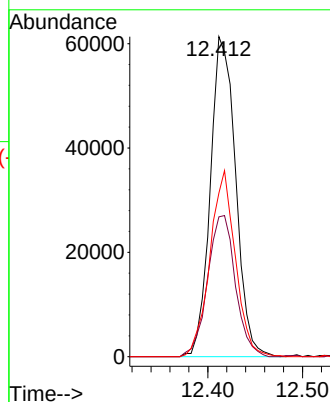
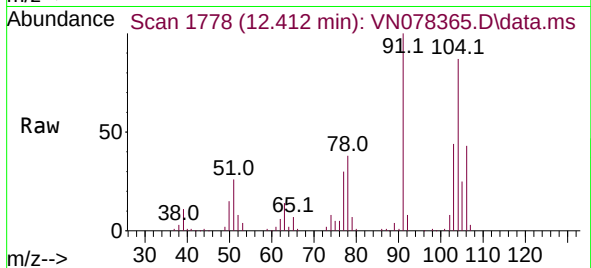
103 58.5 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#70

Isopropylbenzene

Concen: 8.982 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078365.D

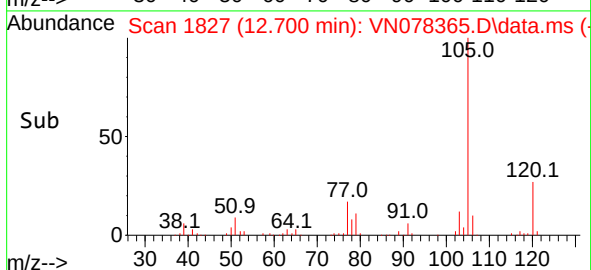
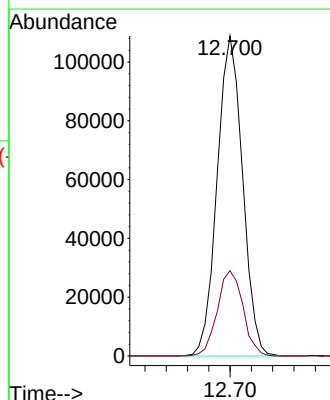
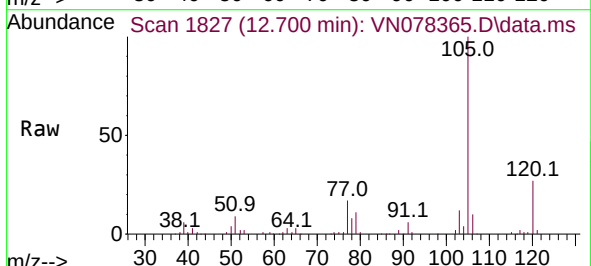
Acq: 23 Jun 2023 09:34

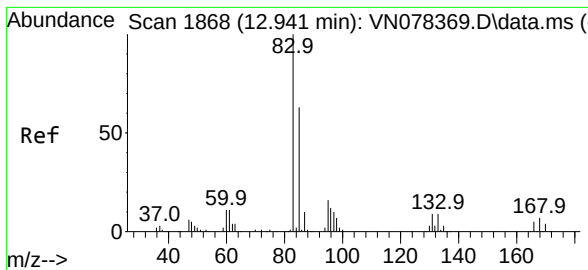
Tgt Ion:105 Resp: 180228

Ion Ratio Lower Upper

105 100

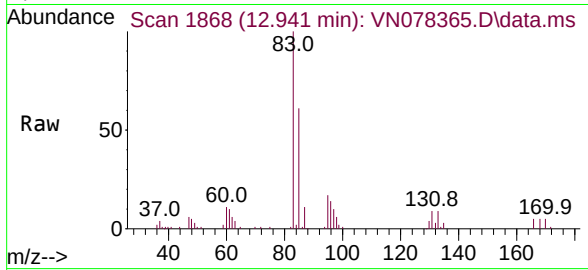
120 26.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 9.749 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

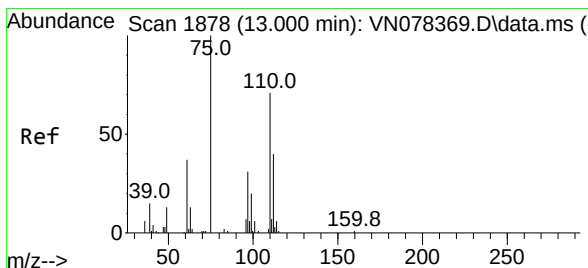
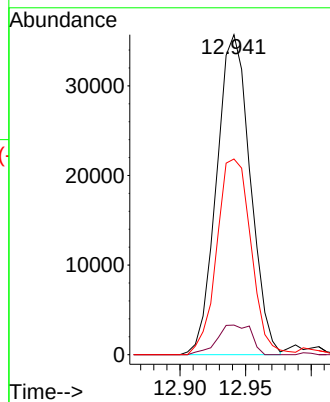
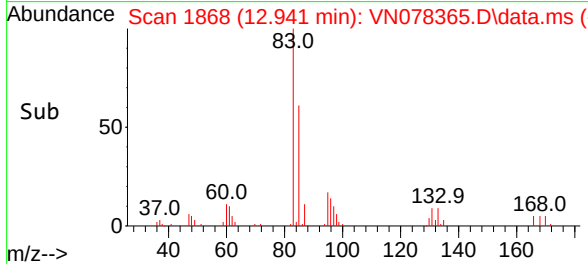
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



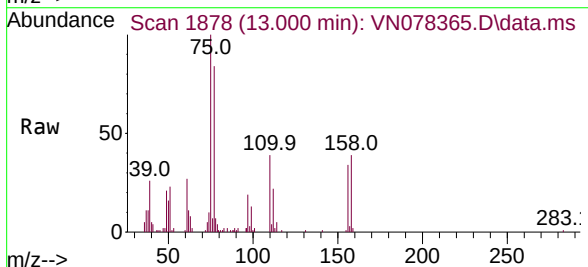
Tgt Ion: 83 Resp: 6361
Ion Ratio Lower Upper
83 100
131 7.2 4.8 14.4
85 62.3 32.6 98.0

Manual Integrations
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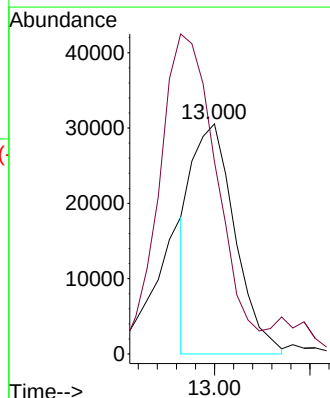
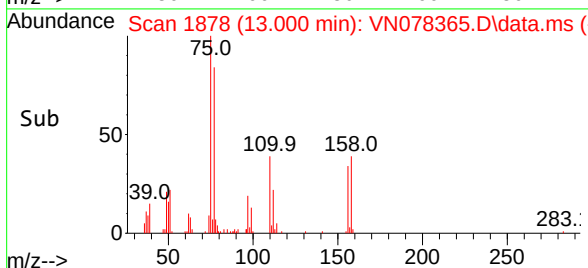
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

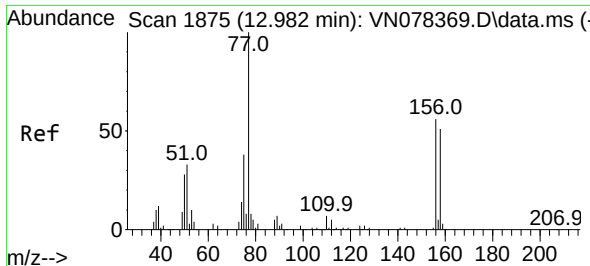


#72
1,2,3-Trichloropropane
Concen: 8.451 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34



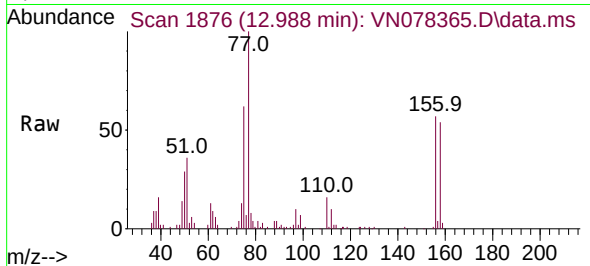
Tgt Ion: 75 Resp: 48607
Ion Ratio Lower Upper
75 100
77 184.0 0.0 387.4





#73
Bromobenzene
Concen: 8.622 ug/l
RT: 12.988 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

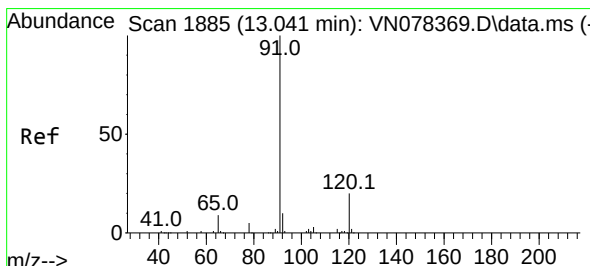
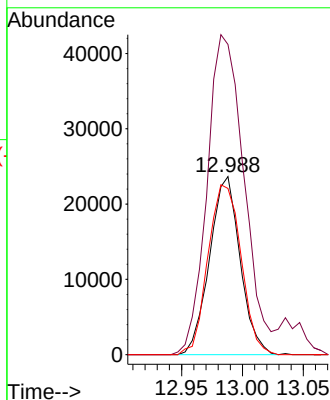
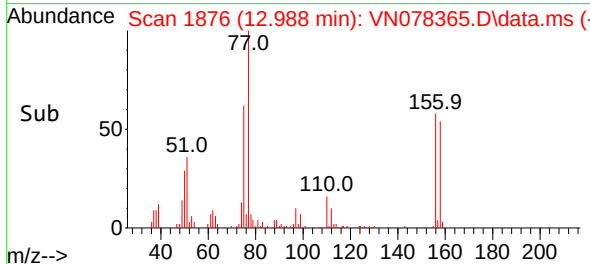
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:156 Resp: 4136
Ion Ratio Lower Upper
156 100
77 216.2 0.0 420.8
158 103.1 0.0 193.2

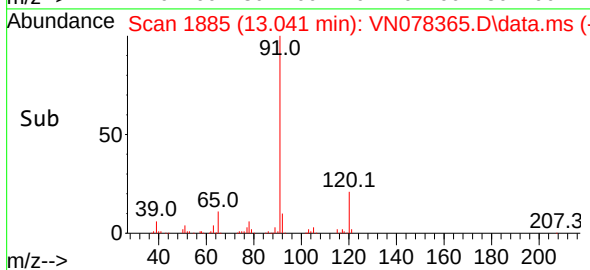
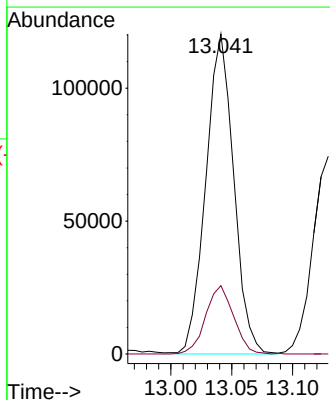
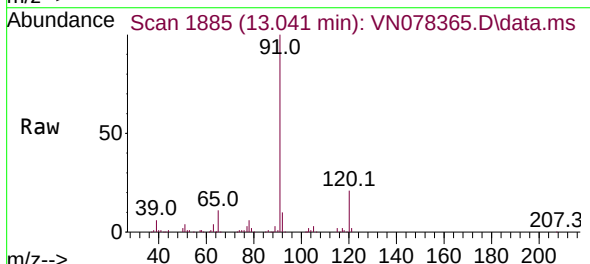
Manual Integrations
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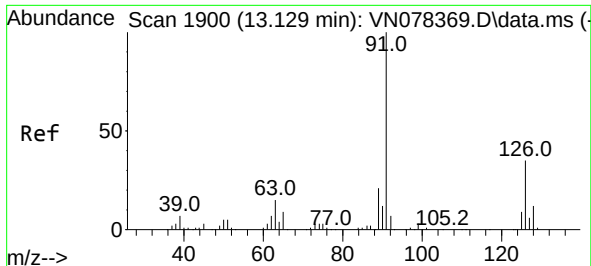
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#74
n-propylbenzene
Concen: 8.805 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 91 Resp: 192124
Ion Ratio Lower Upper
91 100
120 21.3 0.0 44.6





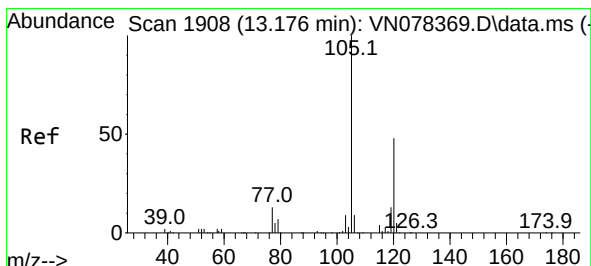
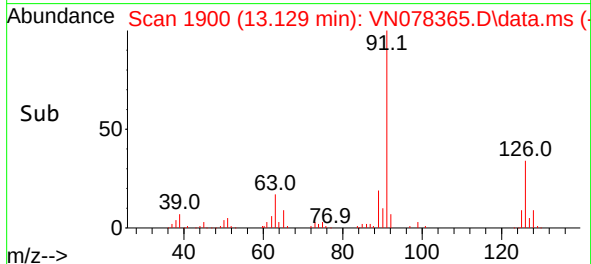
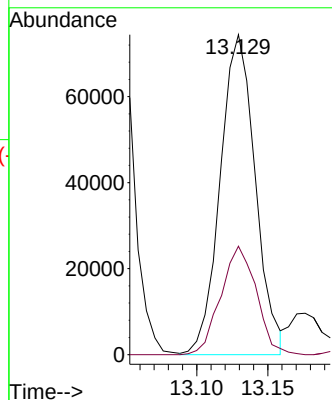
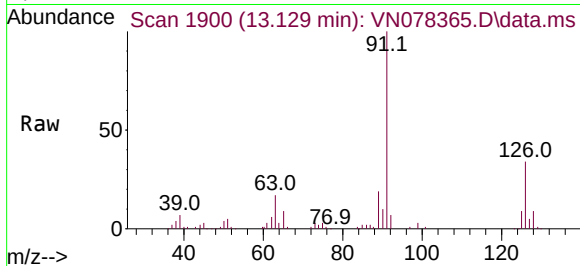
#75
2-Chlorotoluene
Concen: 8.655 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 12783
Ion Ratio Lower Upper
91 100
126 34.4 0.0 67.2

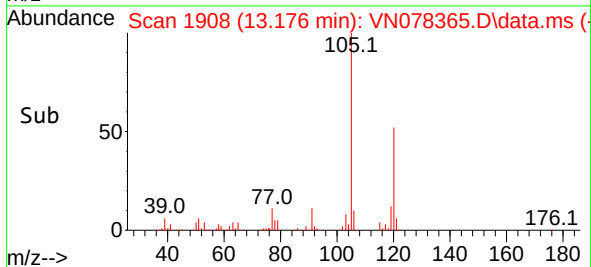
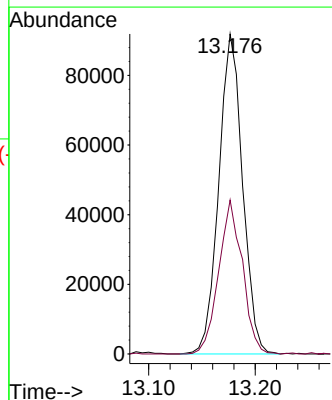
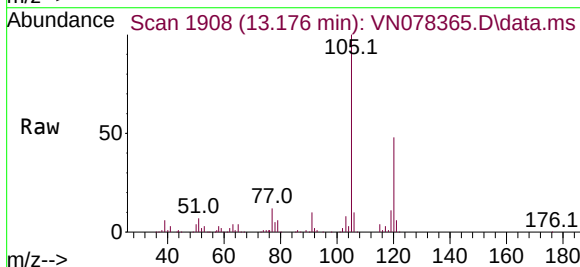
Manual Integrations
APPROVED

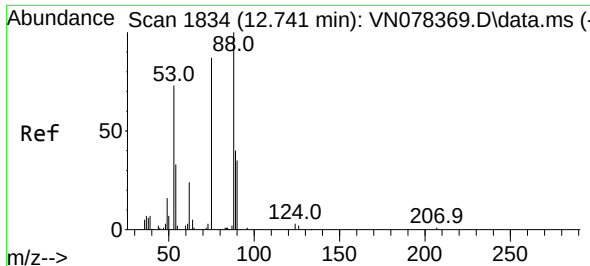
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 8.559 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

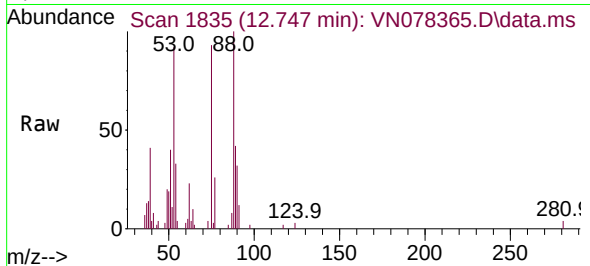
Tgt Ion:105 Resp: 142406
Ion Ratio Lower Upper
105 100
120 47.8 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 8.188 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

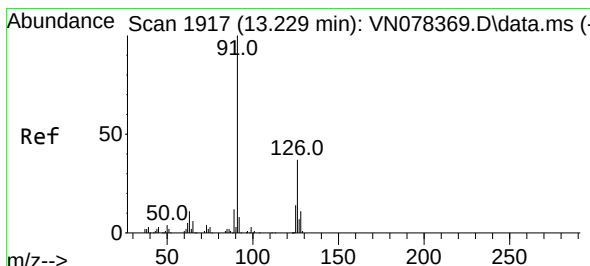
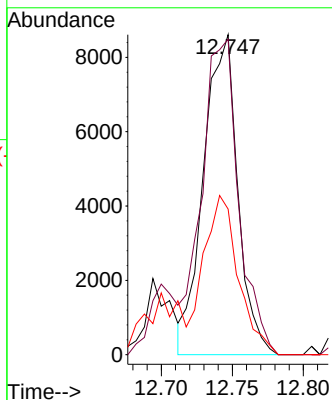
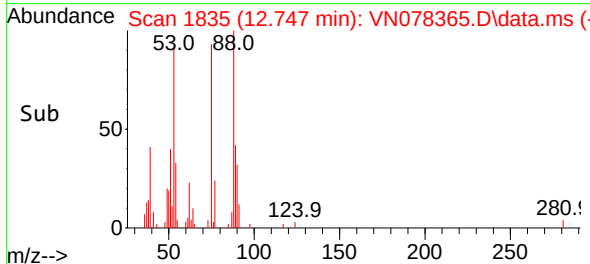
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 14394
Ion Ratio Lower Upper
75 100
53 98.6 41.6 124.9
89 45.5 25.1 75.4

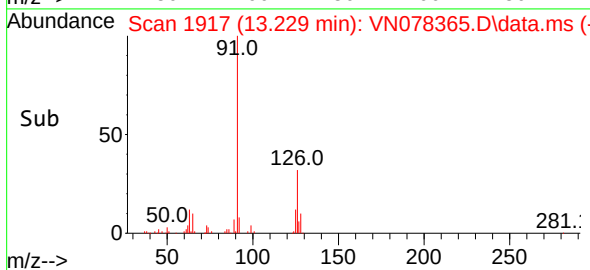
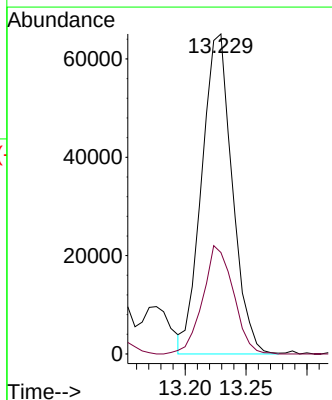
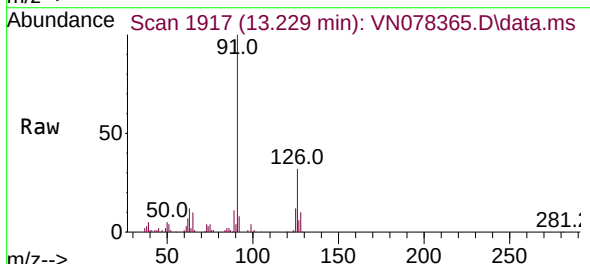
Manual Integrations
APPROVED

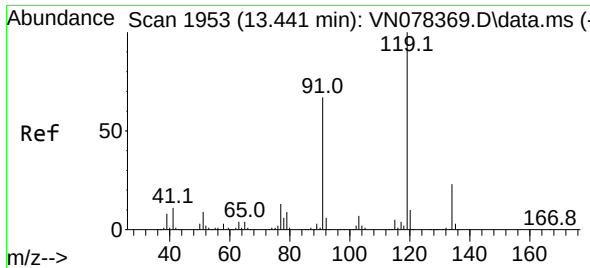
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#78
4-Chlorotoluene
Concen: 8.207 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion: 91 Resp: 113434
Ion Ratio Lower Upper
91 100
126 34.0 0.0 68.8





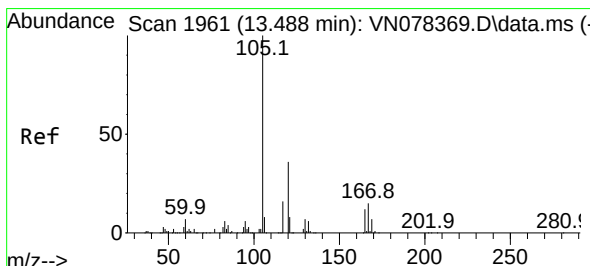
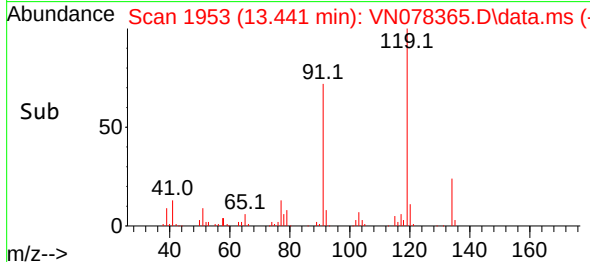
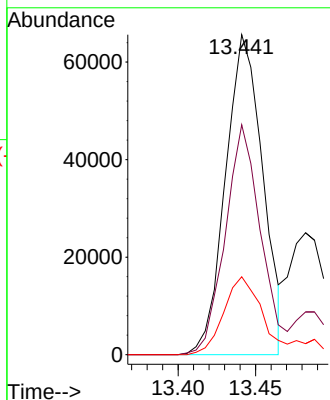
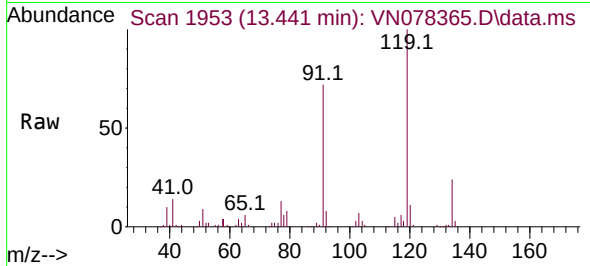
#79
tert-butylbenzene
Concen: 8.024 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 10981
Ion Ratio Lower Upper
119 100
91 68.6 0.0 126.6
134 24.8 0.0 44.0

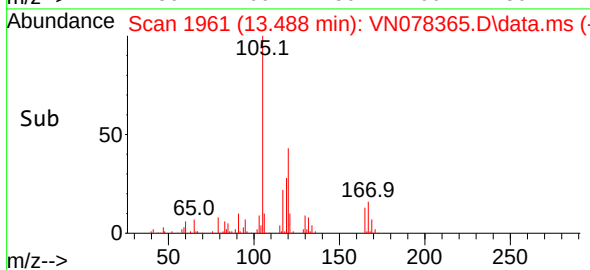
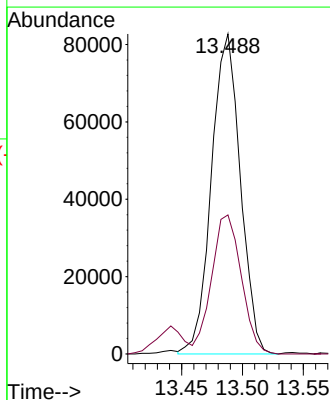
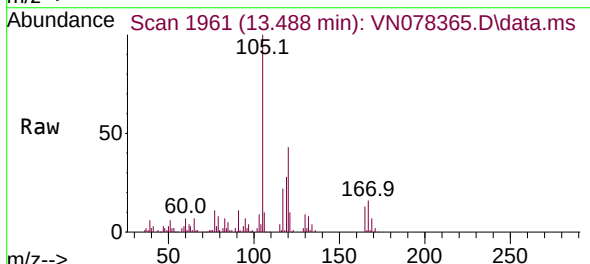
Manual Integrations
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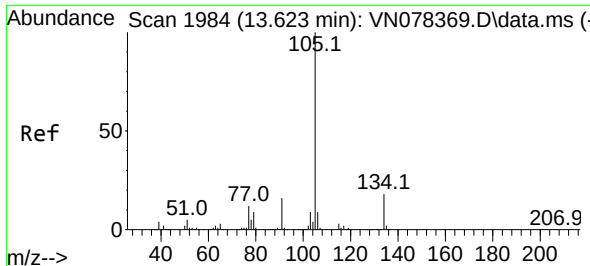
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 8.692 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

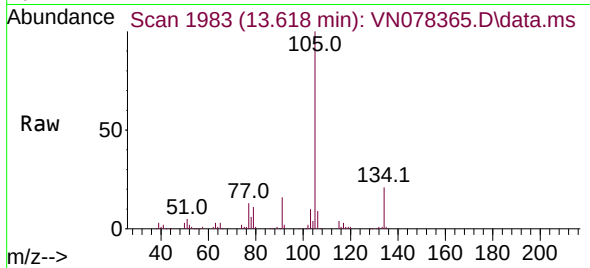
Tgt Ion:105 Resp: 136644
Ion Ratio Lower Upper
105 100
120 44.5 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 8.613 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078365.D
 Acq: 23 Jun 2023 09:34

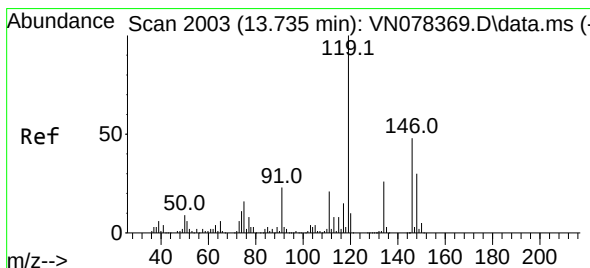
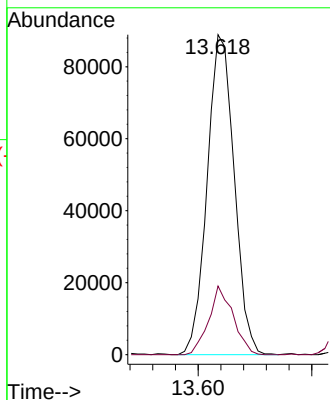
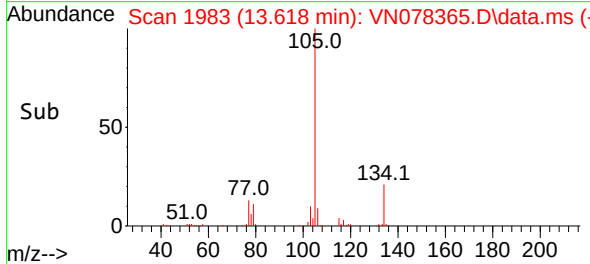
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion:105 Resp: 147065
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.6

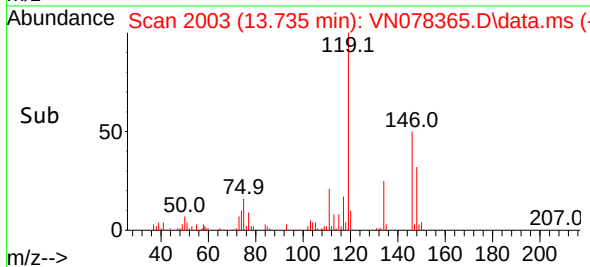
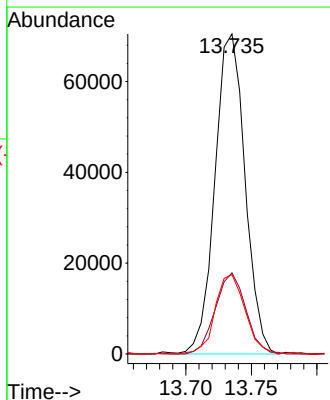
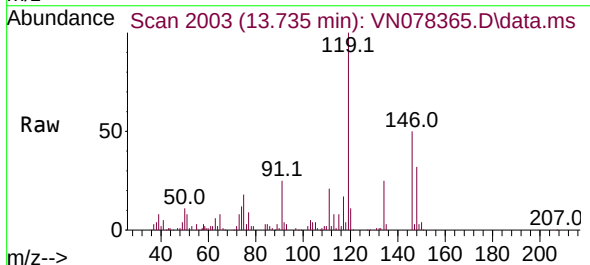
Manual Integrations
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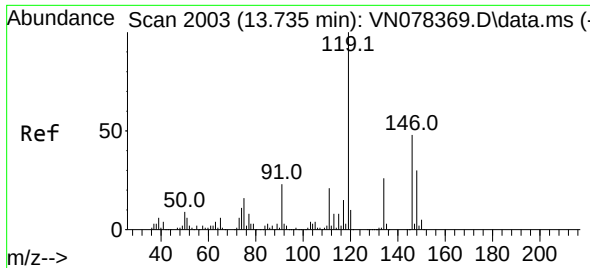
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#82
 p-Isopropyltoluene
 Concen: 8.180 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078365.D
 Acq: 23 Jun 2023 09:34

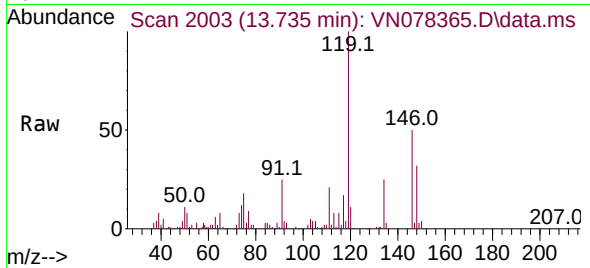
Tgt Ion:119 Resp: 112337
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 24.7 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 8.382 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

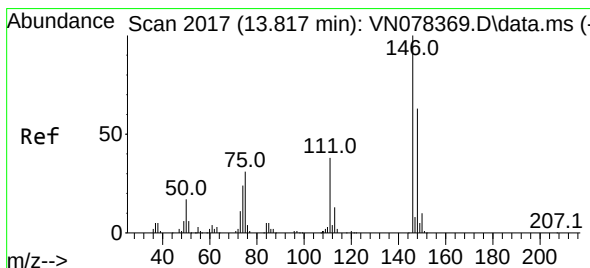
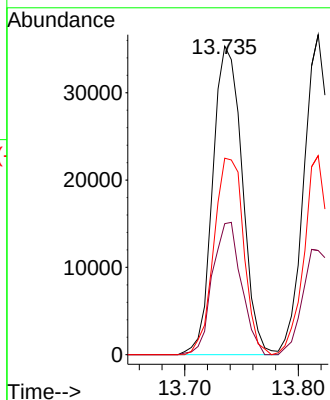
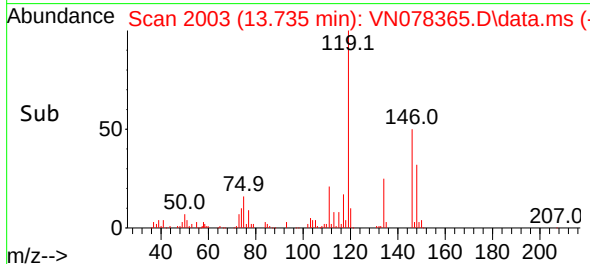
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



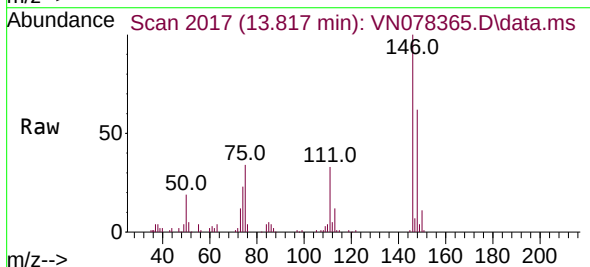
Tgt Ion:146 Resp: 63732
Ion Ratio Lower Upper
146 100
111 42.1 21.6 64.6
148 64.3 31.9 95.5

Manual Integrations
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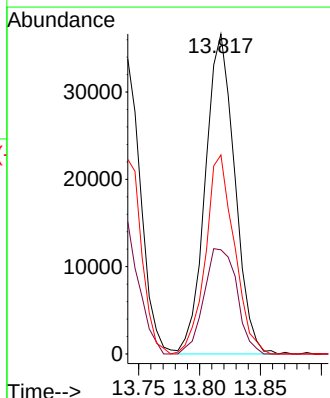
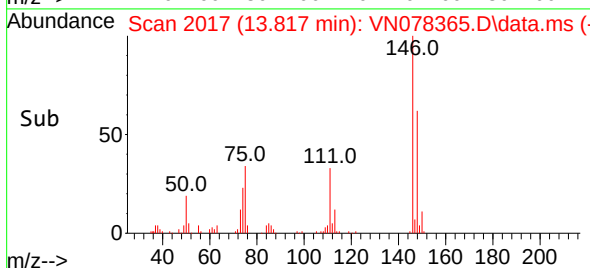
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

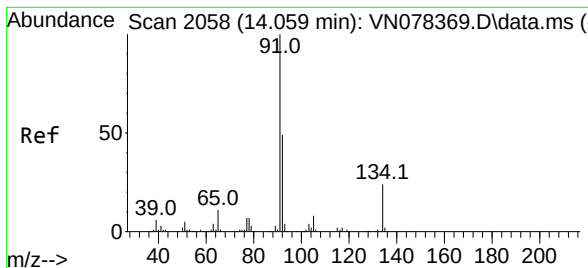


#84
1,4-Dichlorobenzene
Concen: 8.374 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34



Tgt Ion:146 Resp: 61561
Ion Ratio Lower Upper
146 100
111 36.7 19.4 58.2
148 60.9 31.4 94.3





#85

n-Butylbenzene

Concen: 7.405 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

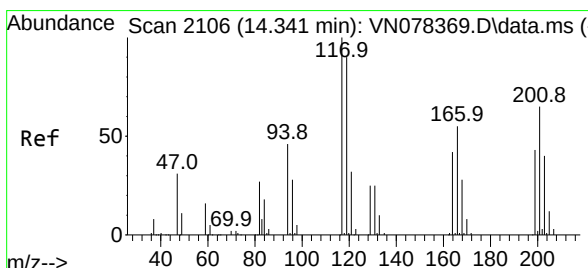
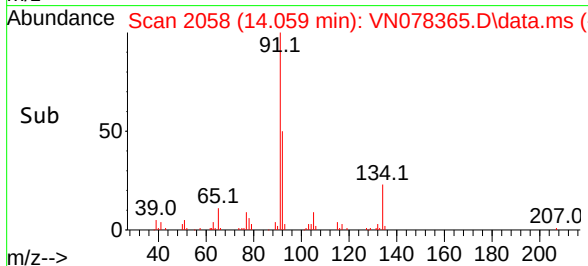
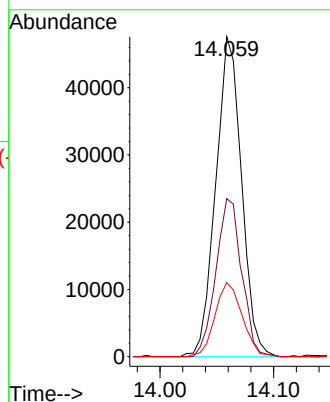
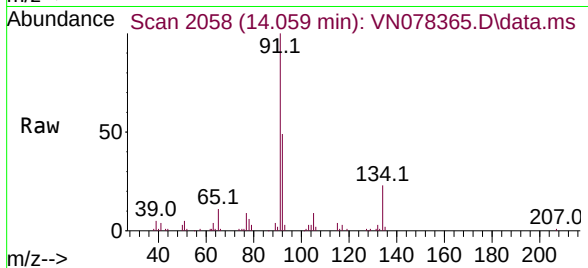
Tgt Ion:	91	Resp:	75118
Ion Ratio	Lower	Upper	
91	100		
92	49.2	0.0	99.6
134	24.3	0.0	50.0

Manual Integrations

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Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#86

Hexachloroethane

Concen: 9.098 ug/l

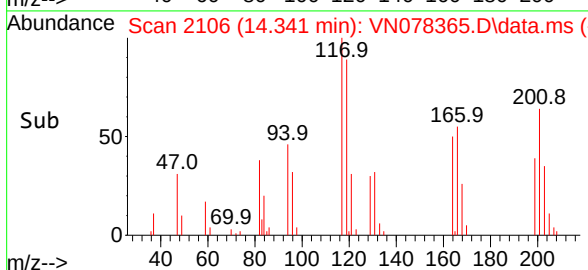
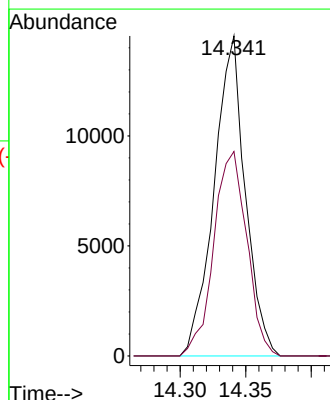
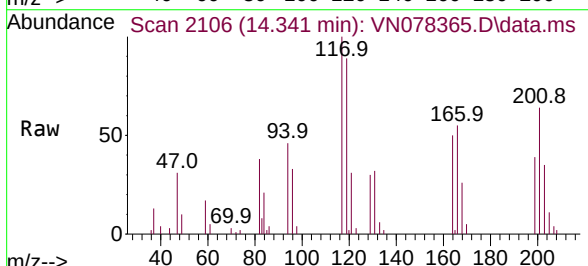
RT: 14.341 min Scan# 2106

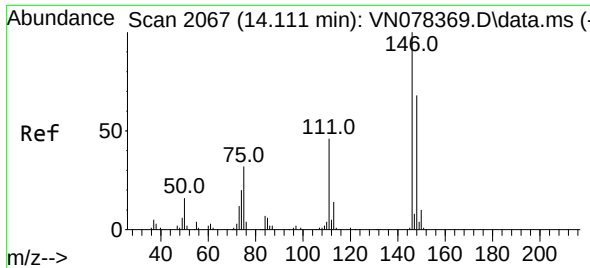
Delta R.T. 0.000 min

Lab File: VN078365.D

Acq: 23 Jun 2023 09:34

Tgt Ion:	117	Resp:	24050
Ion Ratio	Lower	Upper	
117	100		
201	67.7	34.2	102.6





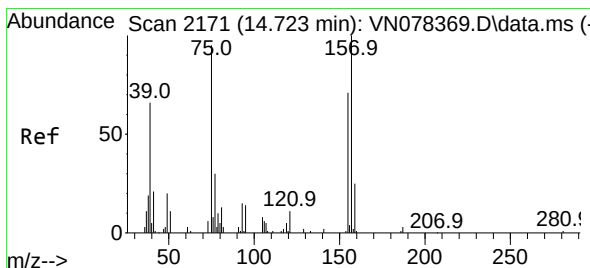
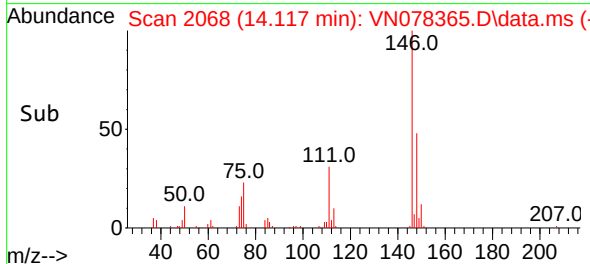
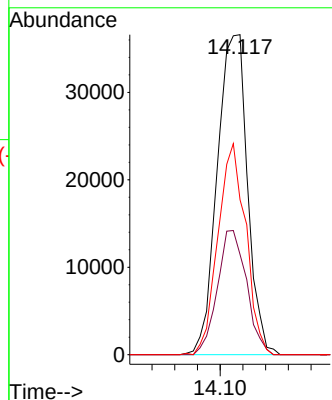
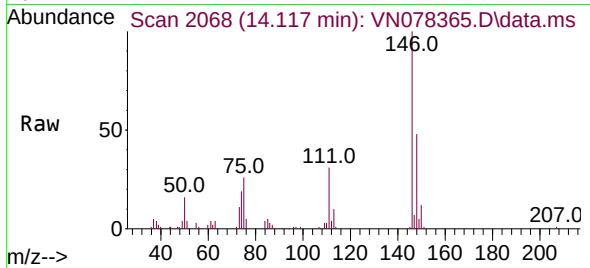
#87
1,2-Dichlorobenzene
Concen: 8.991 ug/l
RT: 14.117 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 6776
Ion Ratio Lower Upper
146 100
111 37.3 22.4 67.3
148 60.4 33.4 100.1

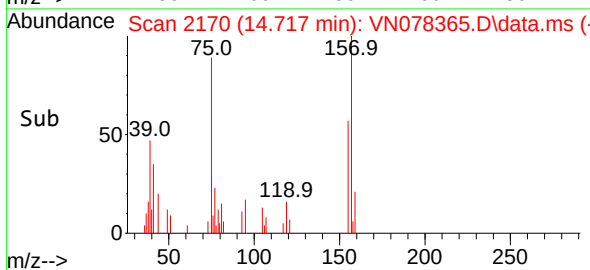
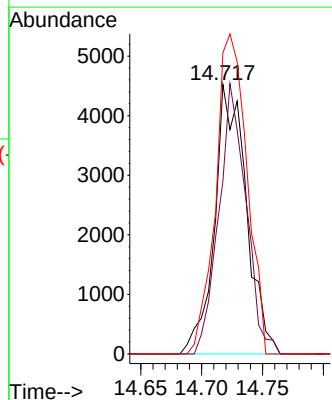
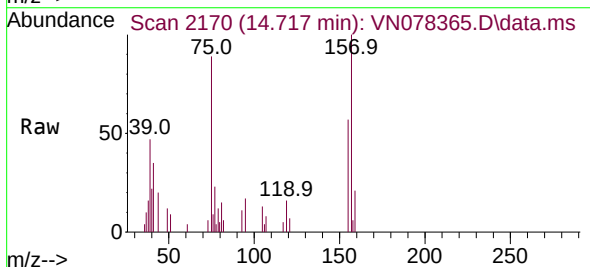
Manual Integrations
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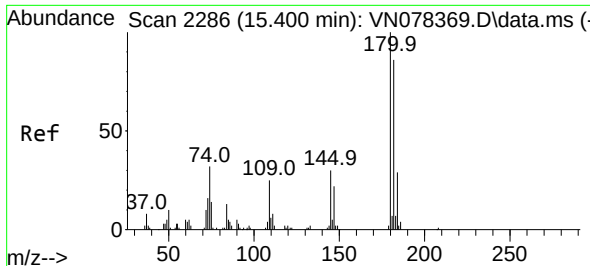
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 8.329 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

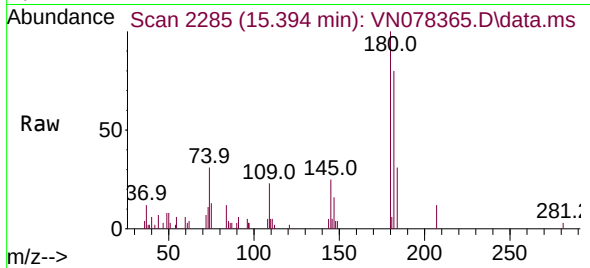
Tgt Ion: 75 Resp: 8189
Ion Ratio Lower Upper
75 100
155 86.1 68.2 102.2
157 117.4 84.7 127.1





#89
1,2,4-Trichlorobenzene
Concen: 5.990 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

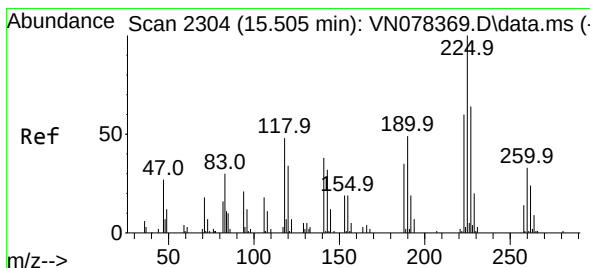
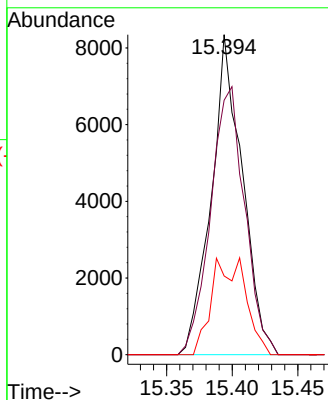
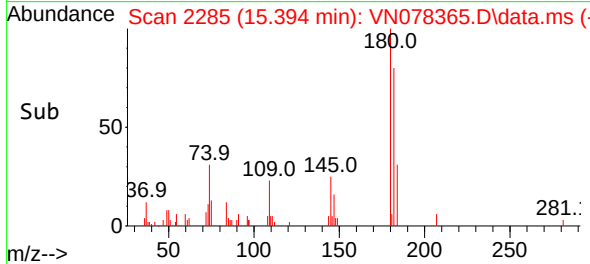
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



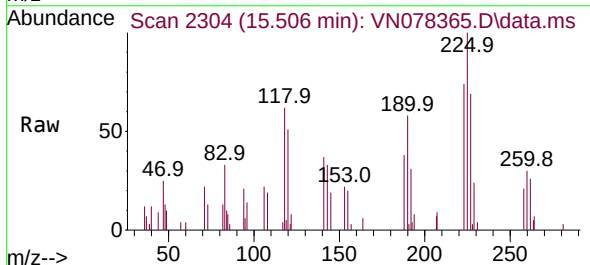
Tgt Ion:180 Resp: 1376
Ion Ratio Lower Upper
180 100
182 92.1 73.7 110.5
145 12.5 25.0 37.6

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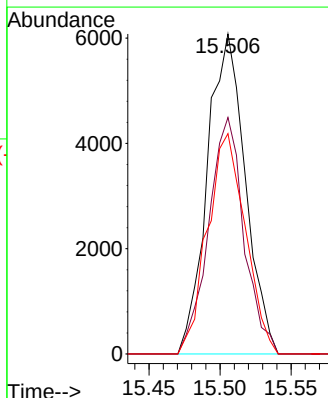
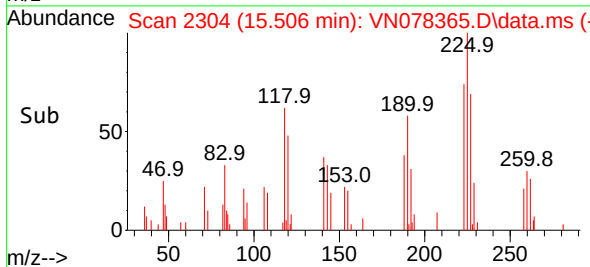
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

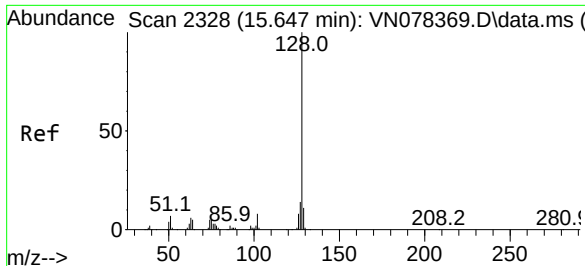


#90
Hexachlorobutadiene
Concen: 7.239 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34



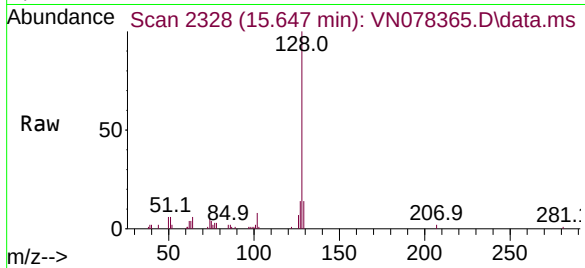
Tgt Ion:225 Resp: 11310
Ion Ratio Lower Upper
225 100
223 68.7 0.0 130.0
227 68.8 0.0 124.0





#91
Naphthalene
Concen: 5.847 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

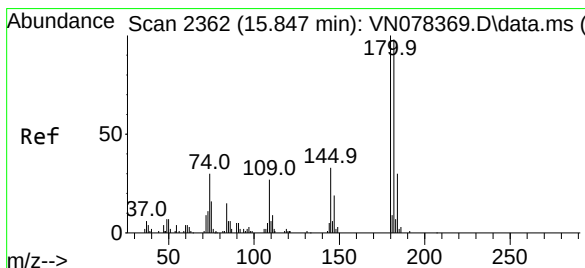
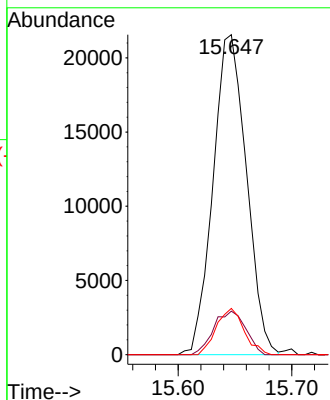
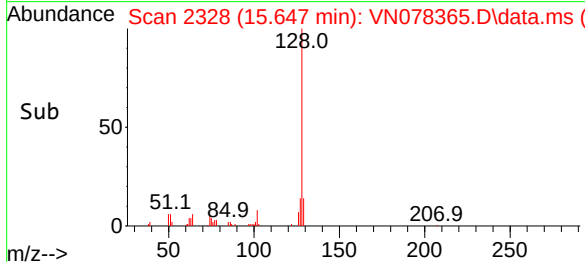
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:128 Resp: 44020
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 12.1 9.0 13.4

Manual Integrations
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Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#92
1,2,3-Trichlorobenzene
Concen: 6.571 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078365.D
Acq: 23 Jun 2023 09:34

Tgt Ion:180 Resp: 17470
Ion Ratio Lower Upper
180 100
182 98.9 0.0 196.4
145 40.2 0.0 71.0

