

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078371.D
 Acq On : 23 Jun 2023 11:58
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 00:36:04 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	76869	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	440134	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	363434	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	181305	31.321	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.400%			
60) 4-Bromofluorobenzene	12.853	95	141671	27.668	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.233%			
63) Toluene-d8	10.571	98	551884	31.341	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.467%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	24180	5.194	ug/l	96
3) Chloromethane	2.371	50	28656	5.104	ug/l	92
4) Vinyl Chloride	2.524	62	36724	5.317	ug/l	99
5) Bromomethane	2.959	94	34859	6.209	ug/l	98
6) Chloroethane	3.130	64	31512	6.406	ug/l	95
7) Trichlorofluoromethane	3.506	101	43757	5.383	ug/l	96
8) Diethyl Ether	3.965	74	13274	4.892	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.383	101	24378m	5.517	ug/l	
10) 1,1-Dichloroethene	4.353	96	23461	5.415	ug/l	82
11) Methyl Iodide	4.600	142	30597	4.985	ug/l	97
12) Methyl Acetate	5.041	43	36605	5.447	ug/l	95
13) Acrolein	4.194	56	23618	28.061	ug/l	95
14) Acrylonitrile	5.736	53	46114	24.995	ug/l	67
15) Acetone	4.447	58	13887m	26.877	ug/l	
16) Carbon Disulfide	4.724	76	64898	5.482	ug/l	96
17) Allyl chloride	5.036	41	29020	5.329	ug/l	97
18) Methylene Chloride	5.294	84	29626m	5.770	ug/l	
19) trans-1,2-Dichloroethene	5.794	96	26081	5.454	ug/l	88
20) Diisopropyl ether	6.688	45	70370	5.391	ug/l	95
21) 1,1-Dichloroethane	6.577	63	47980m	5.541	ug/l	
22) cis-1,2-Dichloroethene	7.488	96	28039	5.155	ug/l #	85
23) tert-Butyl Alcohol	5.536	59	20338	29.984	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	71887	5.262	ug/l #	82
25) Chloroform	7.971	83	47954	5.241	ug/l	95
26) Cyclohexane	8.271	56	30573	4.934	ug/l #	22
29) 1,1-Dichloropropene	8.382	75	34707	5.087	ug/l	98
30) 2-Butanone	7.500	43	61517	25.723	ug/l	98
31) 2,2-Dichloropropane	7.500	77	35412	4.854	ug/l #	57
32) 1,1,1-Trichloroethane	8.177	97	44118	5.307	ug/l	99
33) Carbon Tetrachloride	8.365	117	37491	5.172	ug/l #	78
34) Benzene	8.618	78	105730	5.197	ug/l	95
35) Methacrylonitrile	7.782	41	15251m	5.557	ug/l	
36) 1,2-Dichloroethane	8.677	62	36344	5.239	ug/l #	85
37) Trichloroethene	9.365	130	27031	5.200	ug/l	99
38) Methylcyclohexane	9.612	83	29624	4.942	ug/l	95
39) 1,2-Dichloropropane	9.624	63	26037	5.109	ug/l	93
40) Dibromomethane	9.718	93	19404	5.276	ug/l	95
41) Bromodichloromethane	9.894	83	36850	5.158	ug/l	90
42) Vinyl Acetate	6.612	43	186031	24.419	ug/l	100

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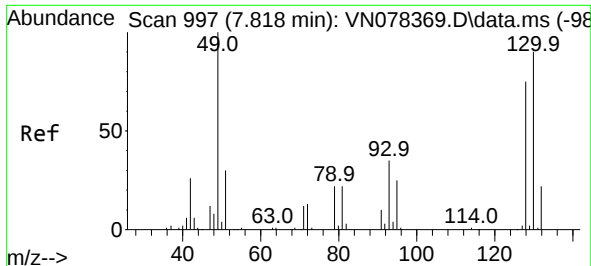
Manual Integrations
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Quant Time: Jun 24 00:36:04 2023
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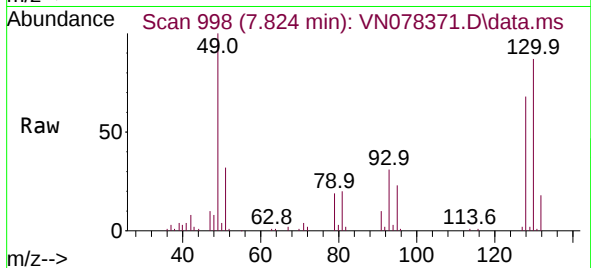
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	25563m	5.211	ug/l	
44) Isopropyl Acetate	8.694	43	51990	5.716	ug/l	95
45) 1,4-Dioxane	9.706	88	9412m	120.139	ug/l	
46) Methyl methacrylate	9.688	41	20202	4.990	ug/l	91
47) n-amyl Acetate	12.500	43	28943	4.329	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	35847	4.888	ug/l	93
49) cis-1,3-Dichloropropene	10.323	75	39466	4.882	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	25415	5.155	ug/l	95
51) Ethyl methacrylate	10.882	69	32572	4.829	ug/l	90
52) 1,3-Dichloropropane	11.171	76	43987	5.316	ug/l	98
53) Dibromochloromethane	11.365	129	25011	4.783	ug/l	94
54) 1,2-Dibromoethane	11.476	107	25611	5.154	ug/l	100
55) 2-Chloroethyl vinyl ether	10.165	63	55506	22.307	ug/l	96
56) Bromoform	12.582	173	14263	4.456	ug/l	98
58) 4-Methyl-2-Pentanone	10.453	43	129566	26.696	ug/l	98
59) 2-Hexanone	11.200	43	87113	25.989	ug/l	95
61) Tetrachloroethene	11.106	164	22499	5.650	ug/l	93
62) Toluene	10.635	91	111755	5.284	ug/l	98
64) Chlorobenzene	11.894	112	67617	5.394	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.970	131	26963	5.578	ug/l	91
66) Ethyl Benzene	11.970	91	108685	5.050	ug/l	97
67) m/p-Xylenes	12.076	106	80732	9.920	ug/l	100
68) o-Xylene	12.406	106	38357	4.861	ug/l	91
69) Styrene	12.417	104	56972	4.560	ug/l	96
70) Isopropylbenzene	12.700	105	95952	4.948	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	34126	5.412	ug/l	96
72) 1,2,3-Trichloropropane	13.000	75	26664m	4.797	ug/l	
73) Bromobenzene	12.988	156	23142	4.992	ug/l	98
74) n-propylbenzene	13.041	91	98970	4.694	ug/l	100
75) 2-Chlorotoluene	13.129	91	81968	5.743	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	89558	5.570	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	7426	4.371	ug/l	89
78) 4-Chlorotoluene	13.223	91	72721	5.444	ug/l	98
79) tert-butylbenzene	13.441	119	79439	6.006	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	74568	4.908	ug/l	99
81) sec-Butylbenzene	13.617	105	80577	4.883	ug/l	97
82) p-Isopropyltoluene	13.735	119	62977	4.745	ug/l	96
83) 1,3-Dichlorobenzene	13.741	146	32346	4.402	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	29946	4.215	ug/l	100
85) n-Butylbenzene	14.064	91	43146	4.401	ug/l	96
86) Hexachloroethane	14.335	117	13240	5.183	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	32308	4.436	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.723	75	4990	5.252	ug/l #	86
89) 1,2,4-Trichlorobenzene	15.394	180	7664	3.451	ug/l	95
90) Hexachlorobutadiene	15.500	225	8611	5.703	ug/l	94
91) Naphthalene	15.647	128	26583	3.653	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	9779	3.806	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: VN078371.D
Acq: 23 Jun 2023 11:58

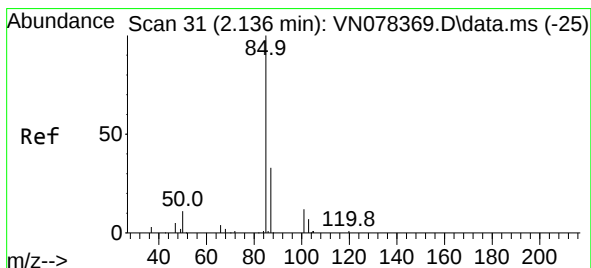
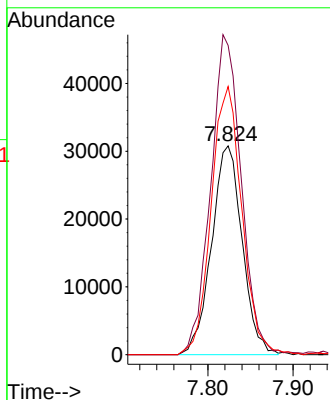
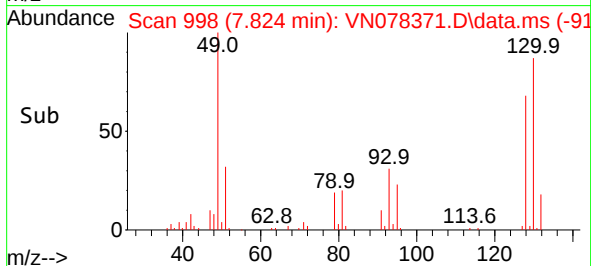
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 76869
Ion Ratio Lower Upper
128 100
49 152.8 0.0 370.8
130 129.0 0.0 307.0

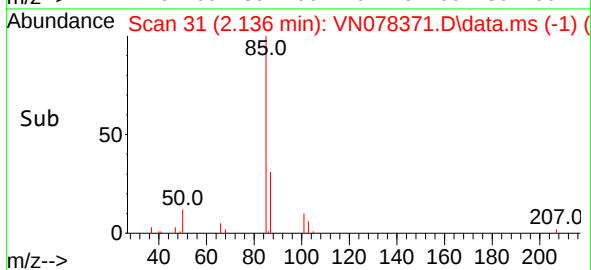
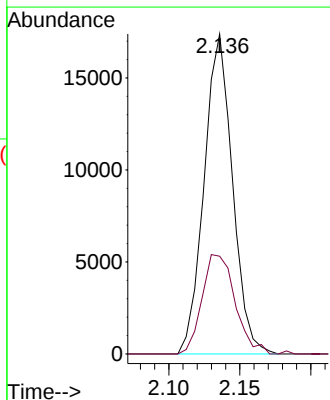
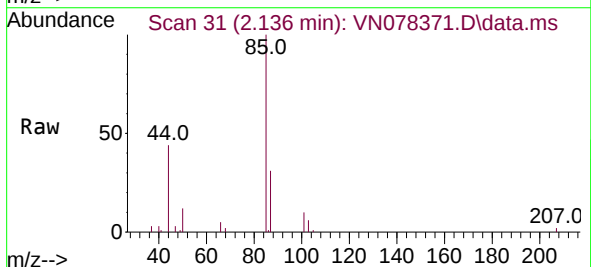
Manual Integrations
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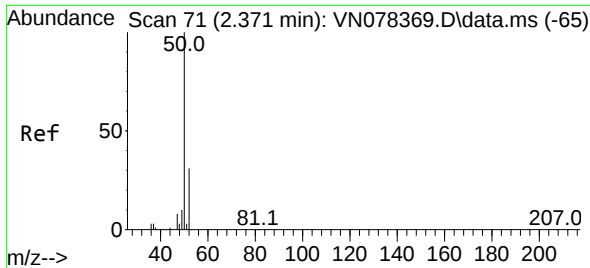
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 5.194 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

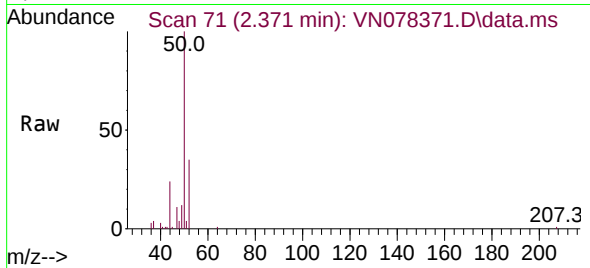
Tgt Ion: 85 Resp: 24180
Ion Ratio Lower Upper
85 100
87 30.6 16.4 49.4





#3
Chloromethane
Concen: 5.104 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

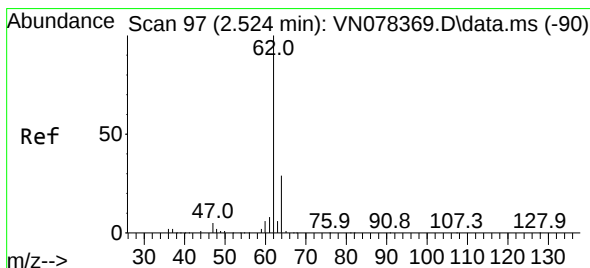
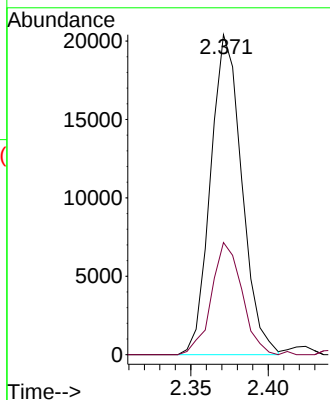
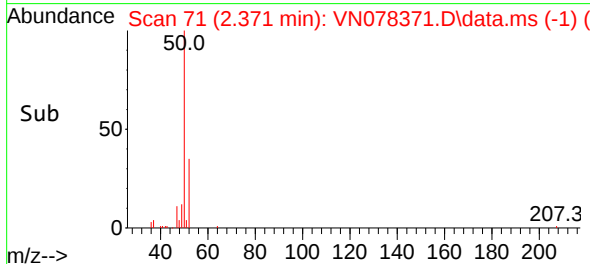
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



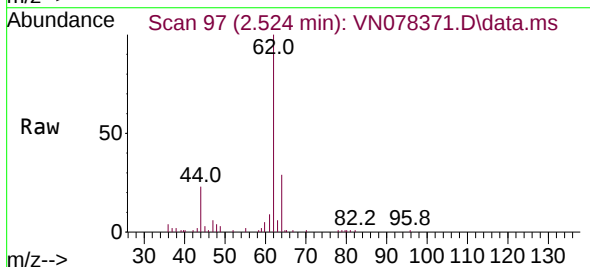
Tgt Ion: 50 Resp: 28650
Ion Ratio Lower Upper
50 100
52 35.0 24.6 36.8

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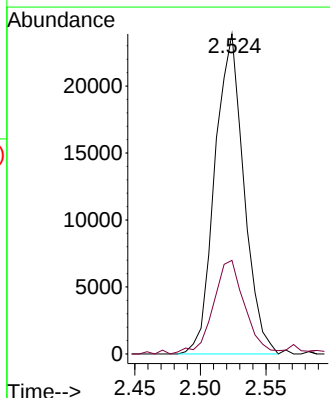
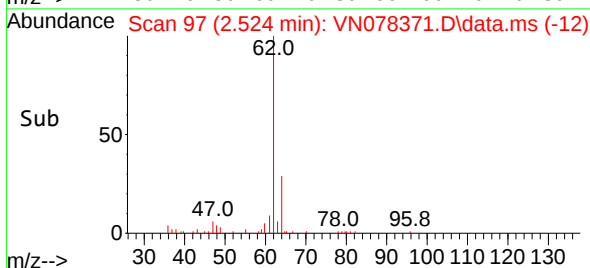
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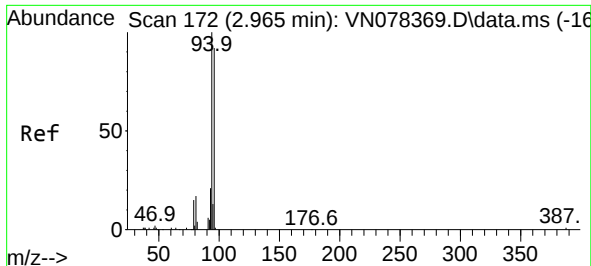


#4
Vinyl Chloride
Concen: 5.317 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58



Tgt Ion: 62 Resp: 36724
Ion Ratio Lower Upper
62 100
64 28.6 23.3 34.9





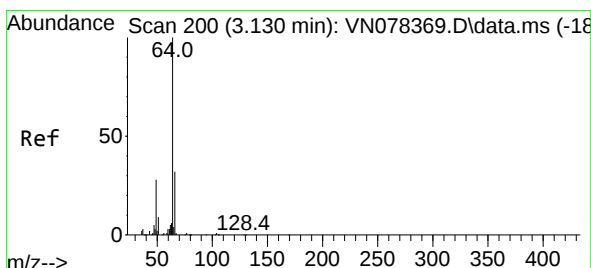
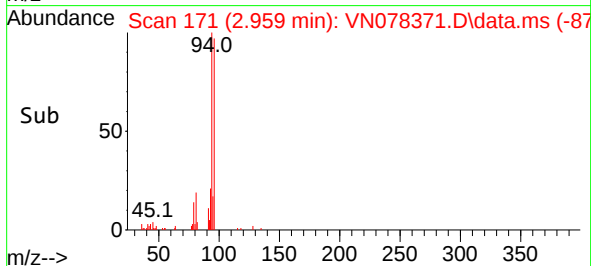
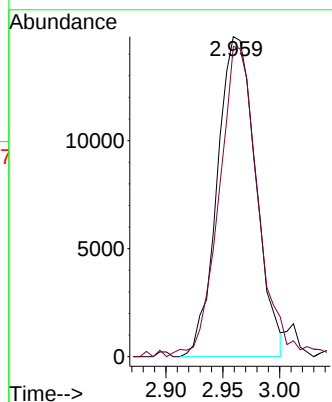
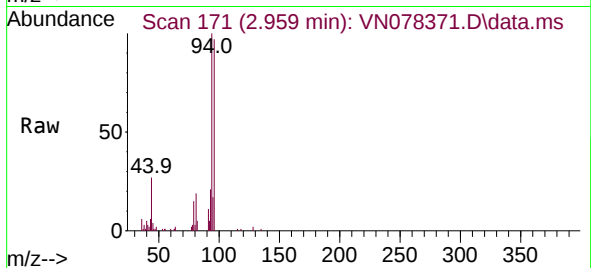
#5
Bromomethane
Concen: 6.209 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 3485
Ion Ratio Lower Upper
94 100
96 94.7 73.9 110.9

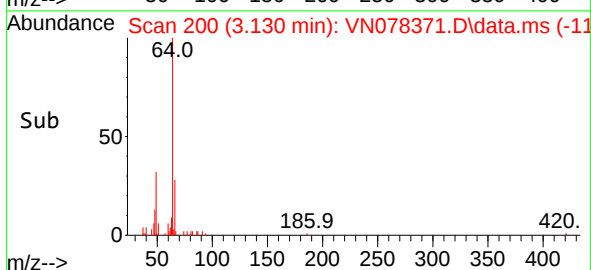
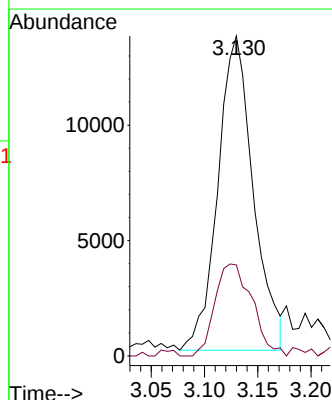
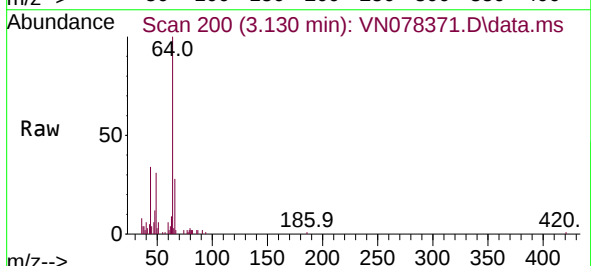
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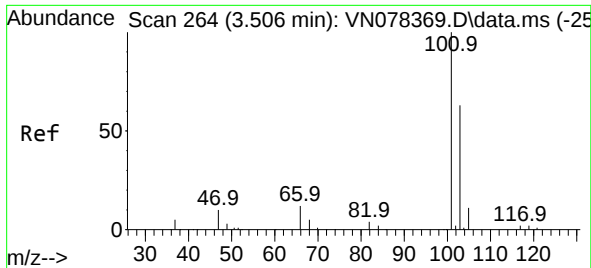
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#6
Chloroethane
Concen: 6.406 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

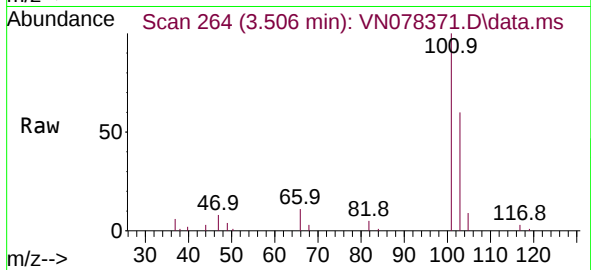
Tgt Ion: 64 Resp: 31512
Ion Ratio Lower Upper
64 100
66 29.5 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 5.383 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078371.D
 Acq: 23 Jun 2023 11:58

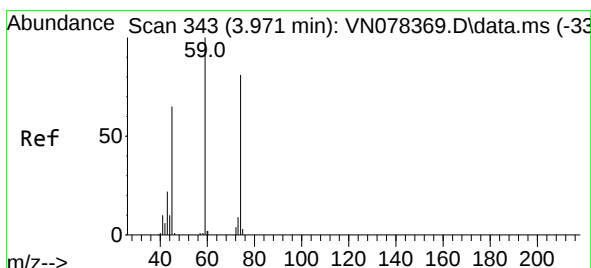
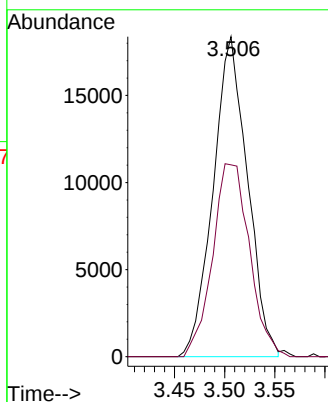
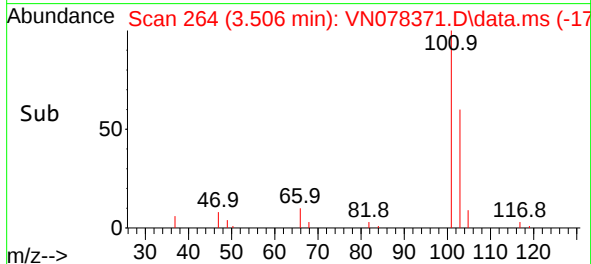
Instrument :
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 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 4375
 Ion Ratio Lower Upper
 101 100
 103 60.0 50.4 75.6

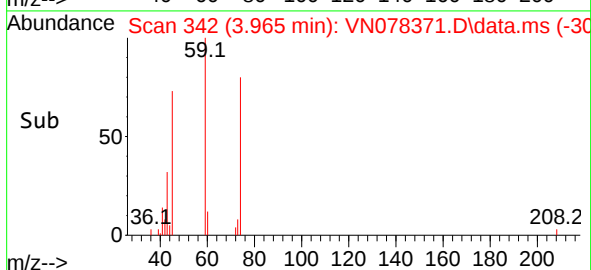
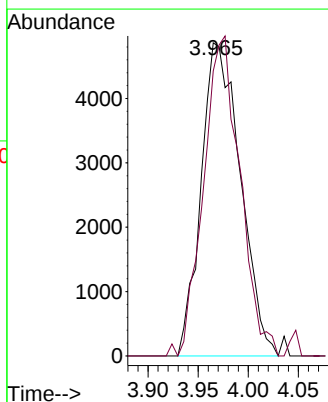
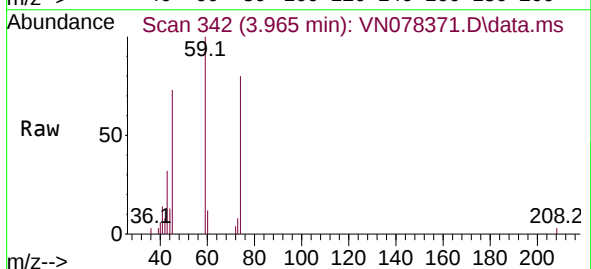
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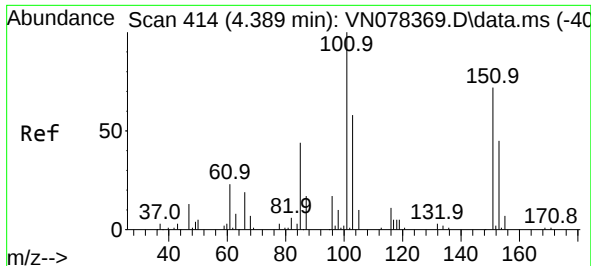
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#8
 Diethyl Ether
 Concen: 4.892 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
 Lab File: VN078371.D
 Acq: 23 Jun 2023 11:58

Tgt Ion: 74 Resp: 13274
 Ion Ratio Lower Upper
 74 100
 45 92.8 16.3 146.5





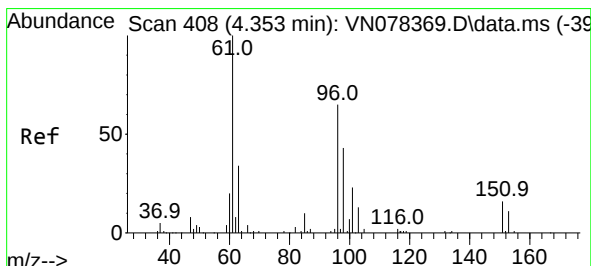
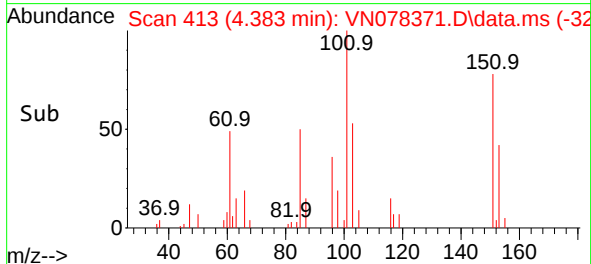
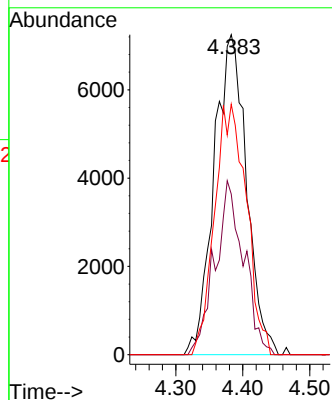
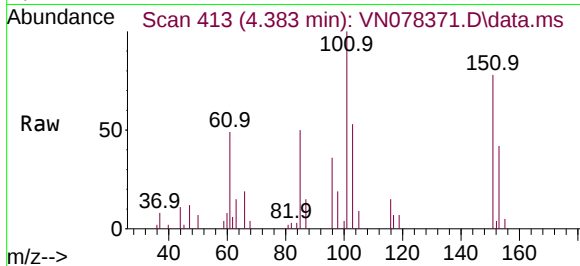
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1,1,2-Trichlorotrifluoroethane
Concen: 5.517 ug/l m
RT: 4.383 min Scan# 414
Delta R.T. -0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 24378
Ion Ratio Lower Upper
101 100
85 14.6 0.0 89.2
151 35.0 0.0 148.8

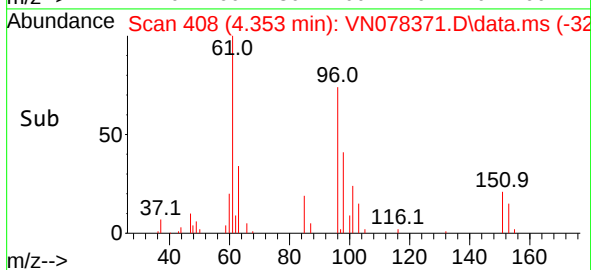
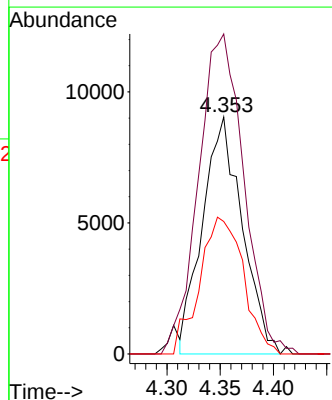
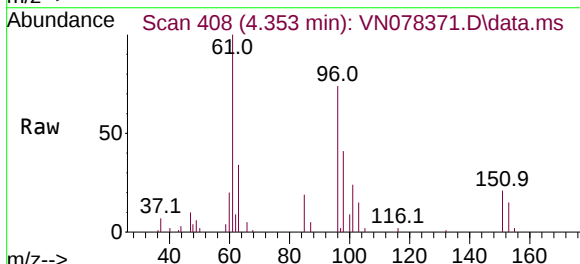
Manual Integrations
APPROVED

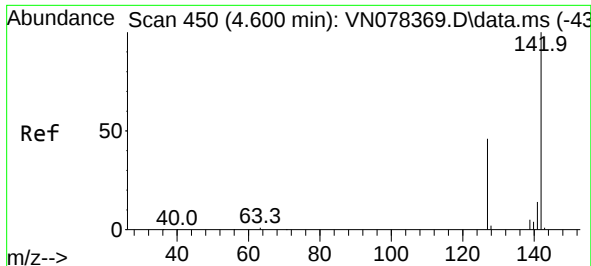
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#10
1,1-Dichloroethene
Concen: 5.415 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

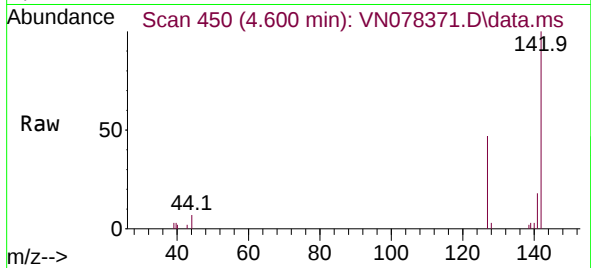
Tgt Ion: 96 Resp: 23461
Ion Ratio Lower Upper
96 100
61 129.4 123.4 185.2
98 55.9 53.7 80.5





#11
Methyl Iodide
Concen: 4.985 ug/l
RT: 4.600 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

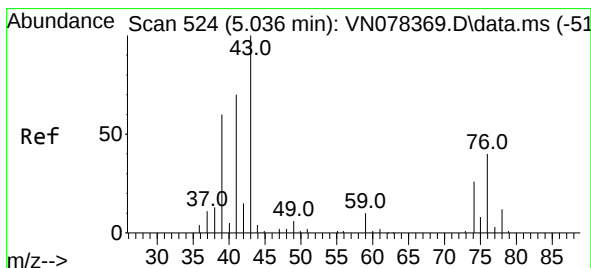
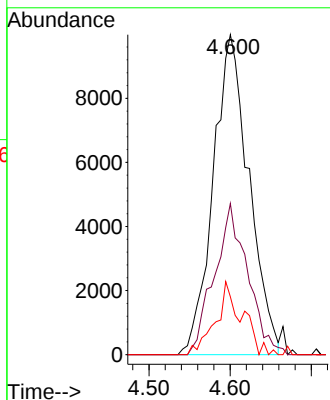
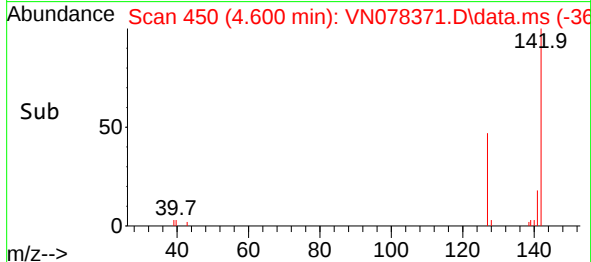
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:142 Resp: 3059
Ion Ratio Lower Upper
142 100
127 47.0 23.2 69.5
141 18.4 7.2 21.7

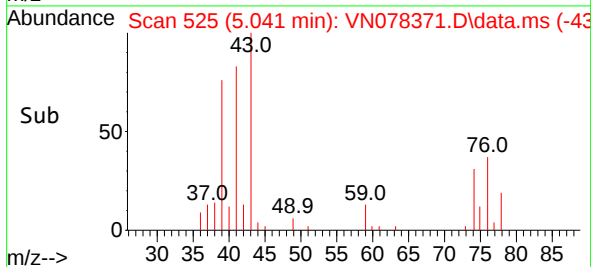
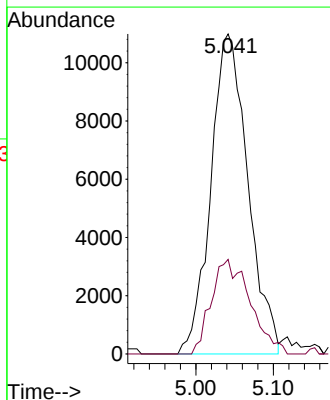
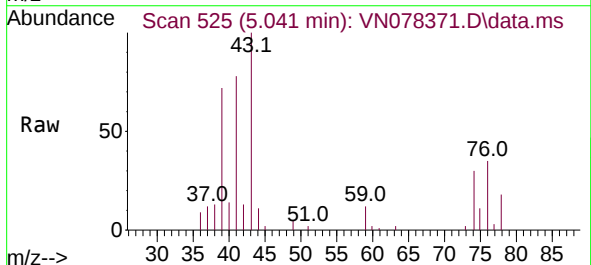
Manual Integrations
APPROVED

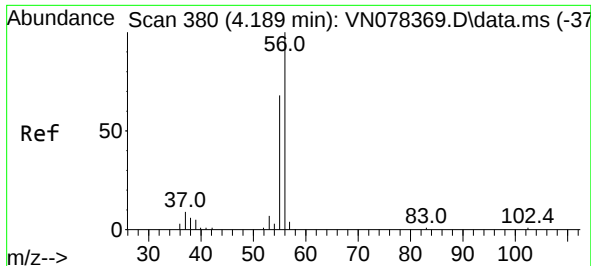
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
Methyl Acetate
Concen: 5.447 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

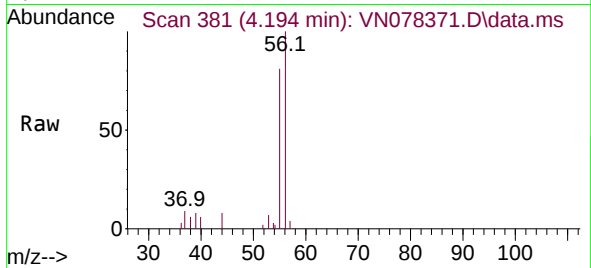
Tgt Ion: 43 Resp: 36605
Ion Ratio Lower Upper
43 100
74 28.2 20.5 30.7





#13
Acrolein
Concen: 28.061 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

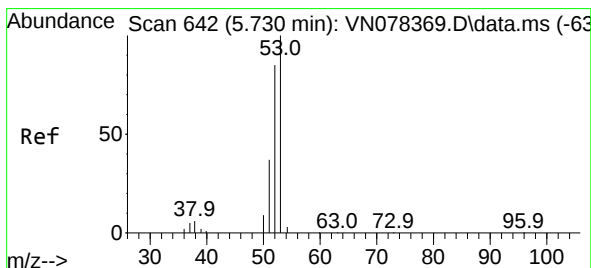
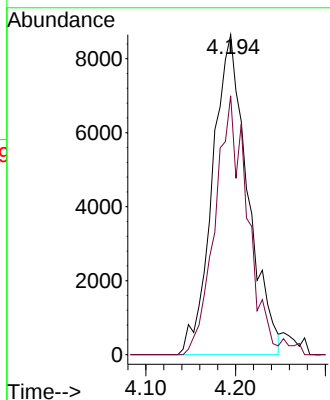
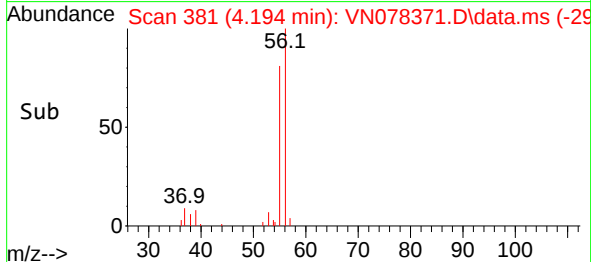
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



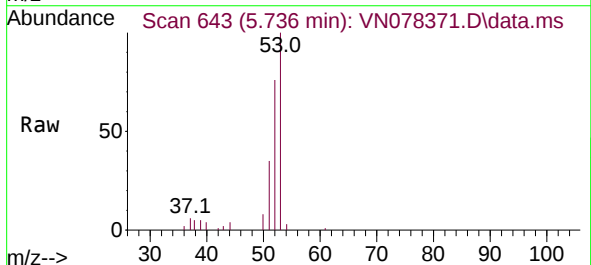
Tgt Ion: 56 Resp: 23618
Ion Ratio Lower Upper
56 100
55 69.8 59.0 88.4

Manual Integrations
APPROVED

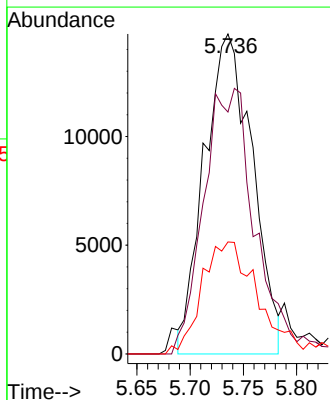
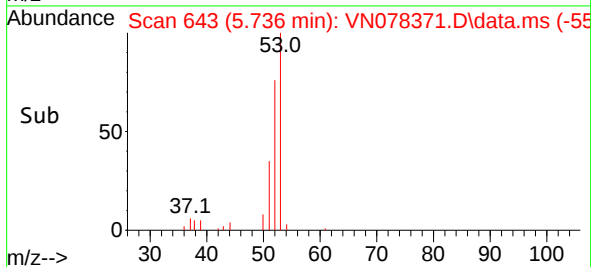
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

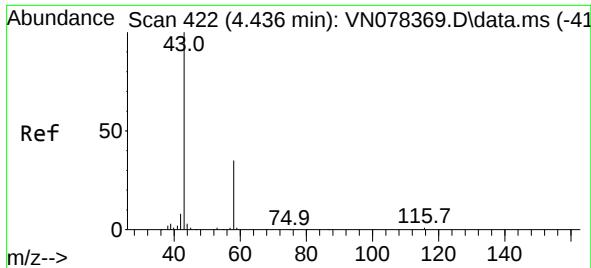


#14
Acrylonitrile
Concen: 24.995 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58



Tgt Ion: 53 Resp: 46114
Ion Ratio Lower Upper
53 100
52 45.9 42.3 126.9
51 30.1 18.4 55.4





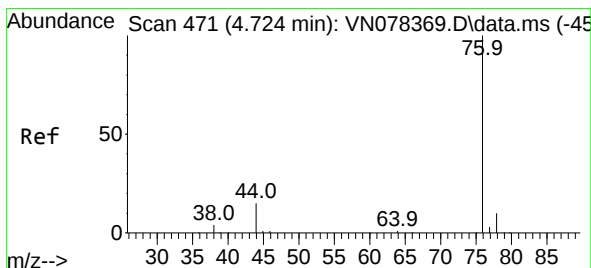
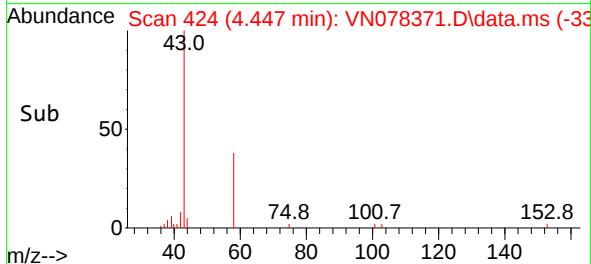
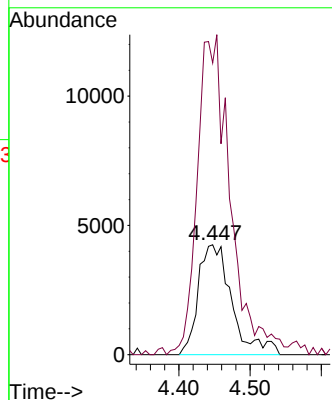
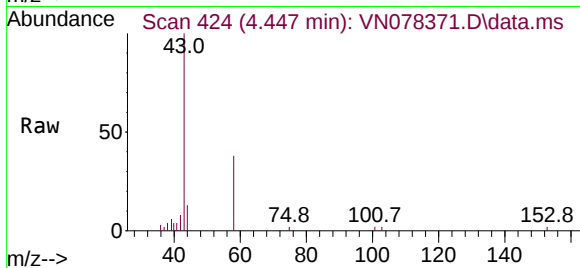
#15
Acetone
Concen: 26.877 ug/l m
RT: 4.447 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 58 Resp: 1388
Ion Ratio Lower Upper
58 100
43 265.4 227.5 341.3

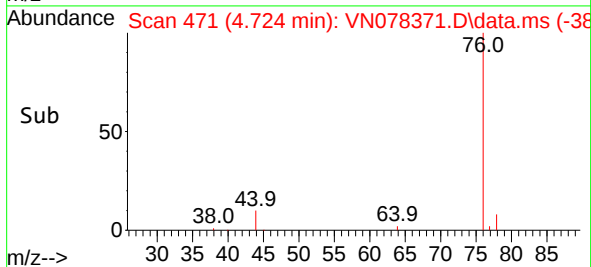
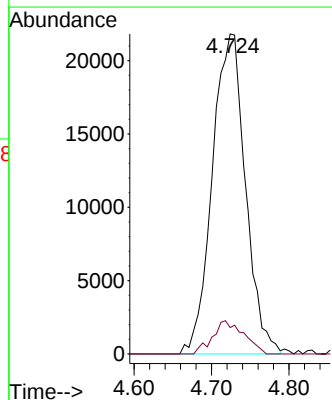
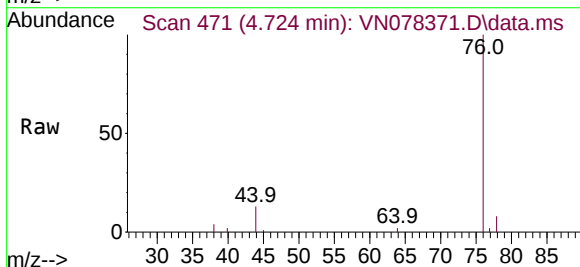
Manual Integrations
APPROVED

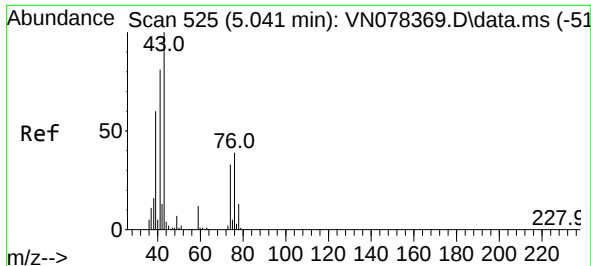
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#16
Carbon Disulfide
Concen: 5.482 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

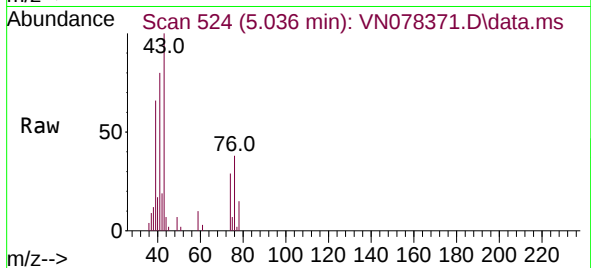
Tgt Ion: 76 Resp: 64898
Ion Ratio Lower Upper
76 100
78 8.3 7.7 11.5





#17
 Allyl chloride
 Concen: 5.329 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN078371.D
 Acq: 23 Jun 2023 11:58

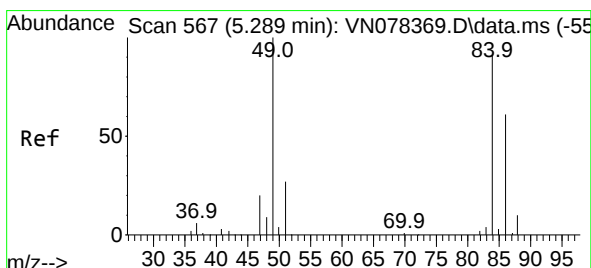
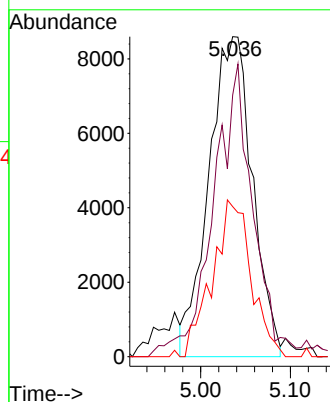
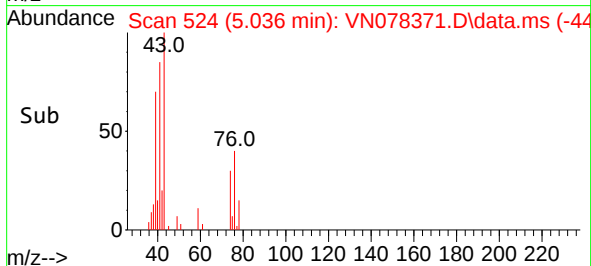
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:	41	Resp:	29020
Ion	Ratio	Lower	Upper
41	100		
39	78.2	37.6	112.8
76	48.4	23.8	71.4

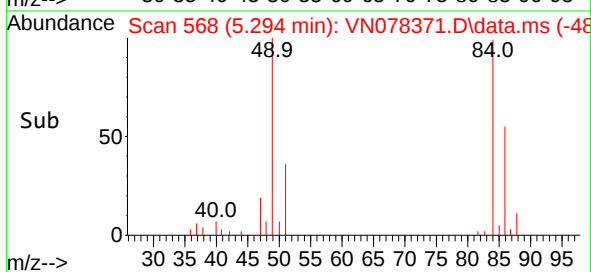
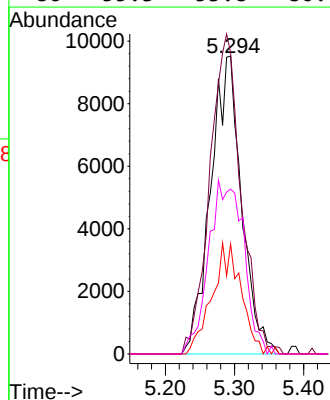
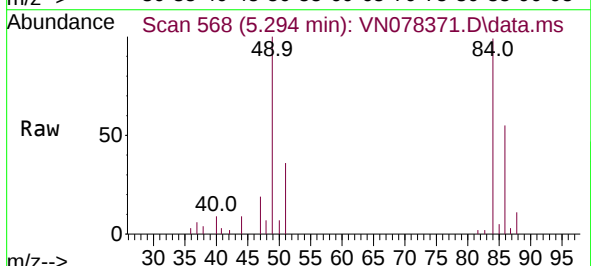
Manual Integrations
 APPROVED

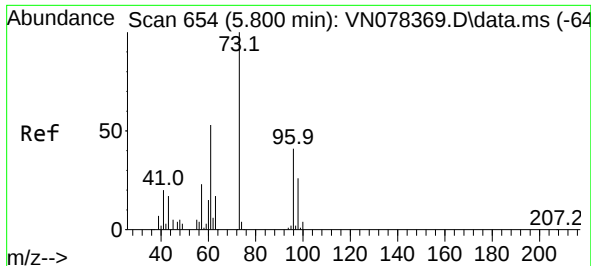
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#18
 Methylene Chloride
 Concen: 5.770 ug/l m
 RT: 5.294 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: VN078371.D
 Acq: 23 Jun 2023 11:58

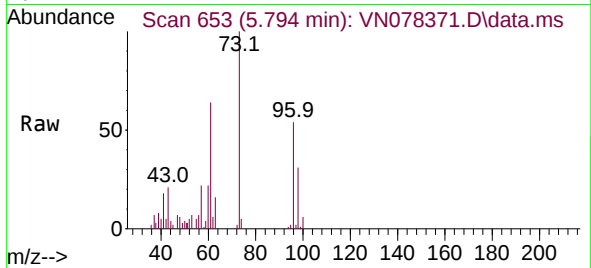
Tgt Ion:	84	Resp:	29626
Ion	Ratio	Lower	Upper
84	100		
49	101.1	88.1	132.1
51	36.9	24.0	36.0#
86	55.3	53.8	80.8





#19
trans-1,2-Dichloroethene
Concen: 5.454 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

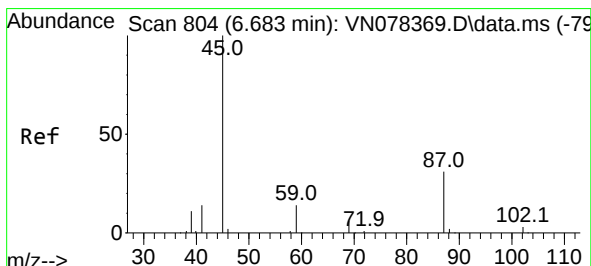
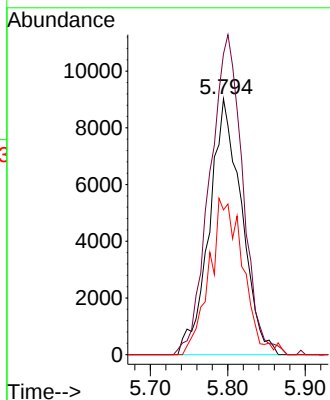
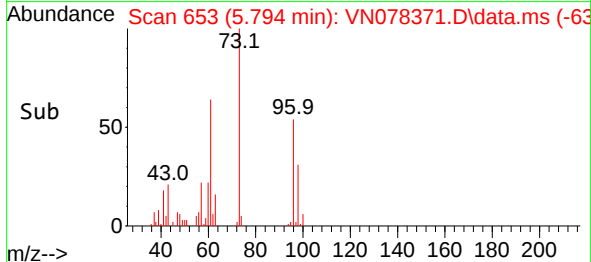
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 2608
Ion Ratio Lower Upper
96 100
61 115.5 105.2 157.8
98 56.6 50.5 75.7

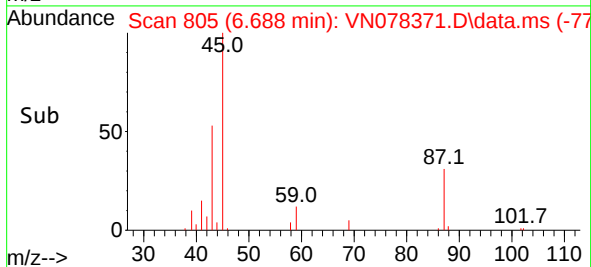
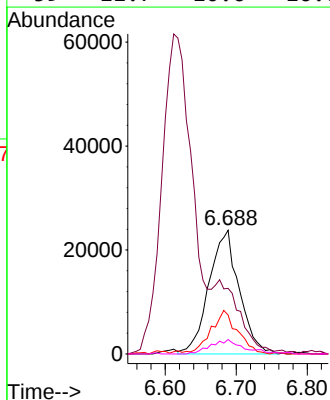
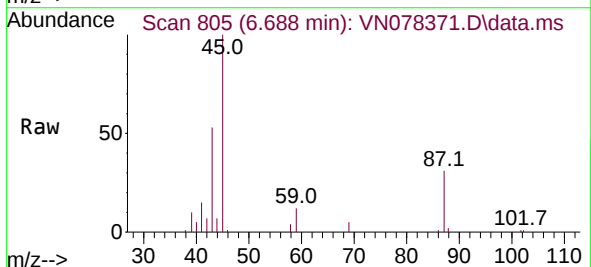
Manual Integrations
APPROVED

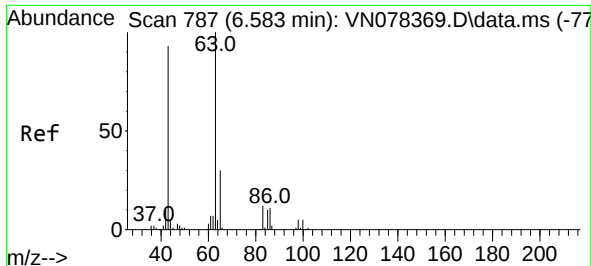
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#20
Diisopropyl ether
Concen: 5.391 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 45 Resp: 70370
Ion Ratio Lower Upper
45 100
43 50.4 43.6 65.4
87 30.5 25.8 38.6
59 11.7 10.6 16.0





#21

1,1-Dichloroethane

Concen: 5.541 ug/l m

RT: 6.577 min Scan# 7

Delta R.T. -0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

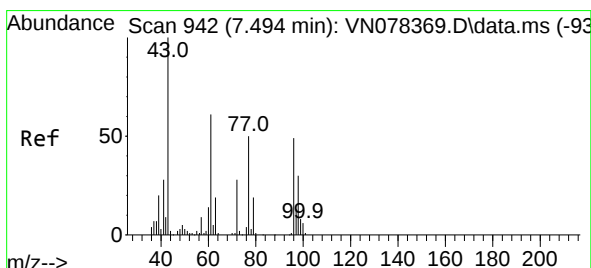
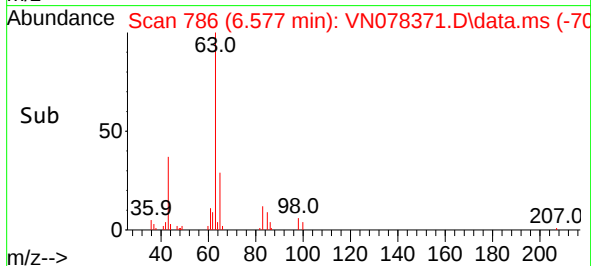
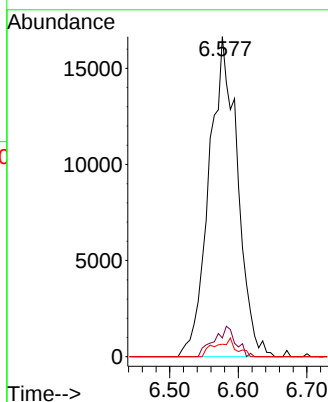
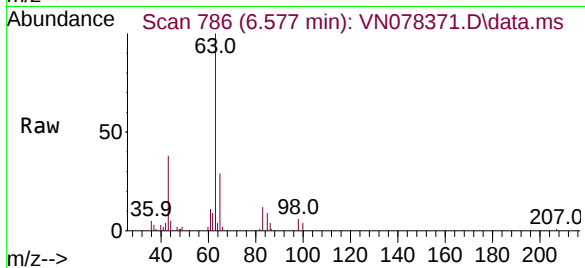
Tgt Ion: 63 Resp: 47980
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.7 8.1
 100 3.9 2.5 7.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#22

cis-1,2-Dichloroethene

Concen: 5.155 ug/l

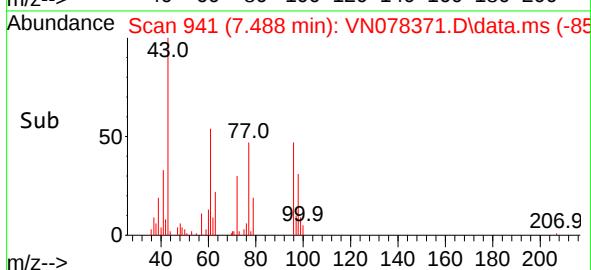
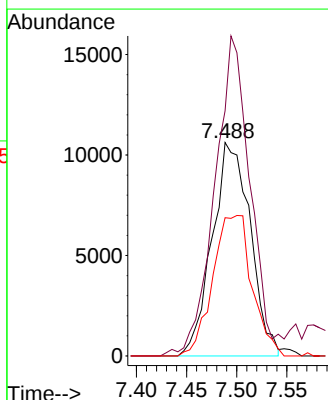
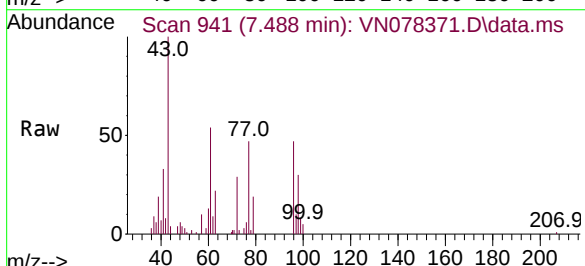
RT: 7.488 min Scan# 941

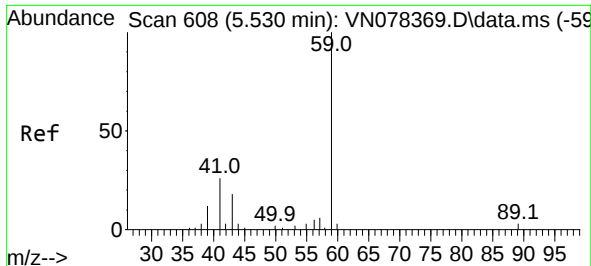
Delta R.T. -0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

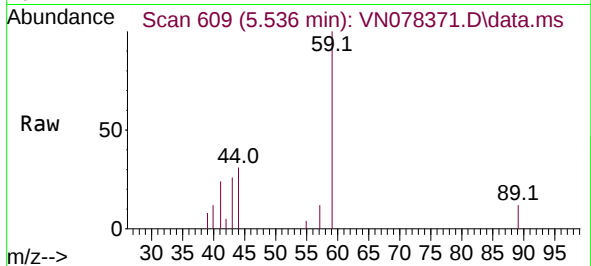
Tgt Ion: 96 Resp: 28039
 Ion Ratio Lower Upper
 96 100
 61 136.6 113.8 170.6
 98 36.1 52.2 78.4#





#23
tert-Butyl Alcohol
Concen: 29.984 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

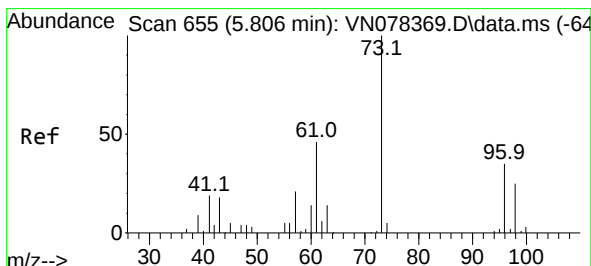
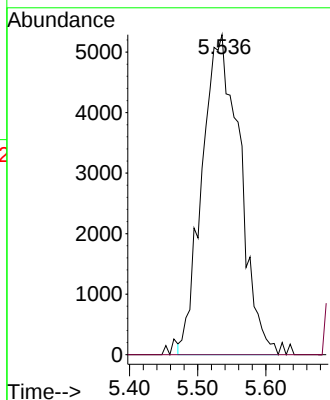
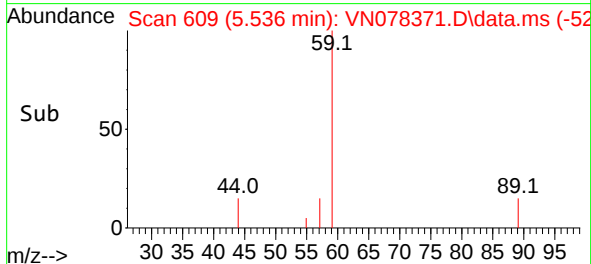
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 20338
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

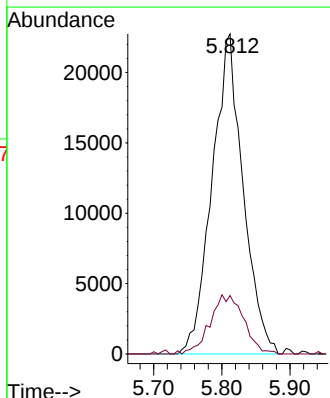
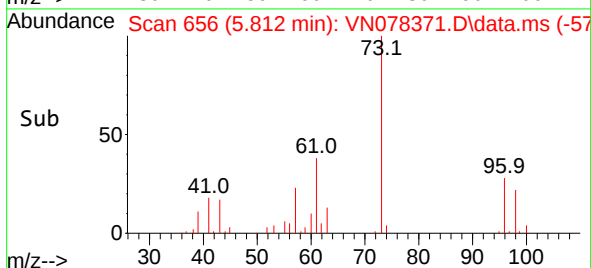
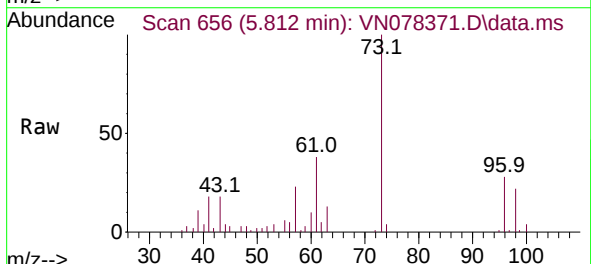
Manual Integrations
APPROVED

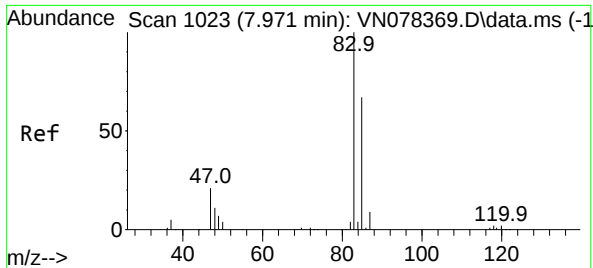
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#24
Methyl tert-Butyl Ether
Concen: 5.262 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 73 Resp: 71887
Ion Ratio Lower Upper
73 100
43 10.3 14.5 21.7#





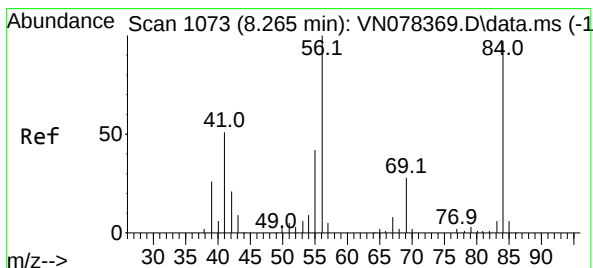
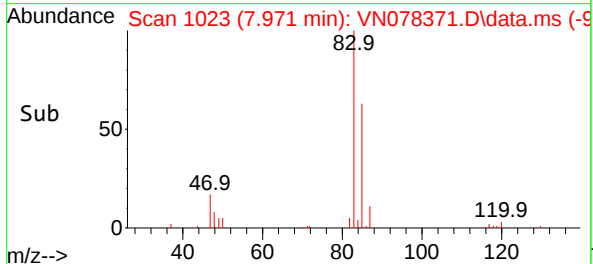
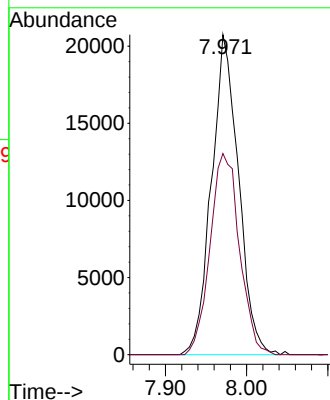
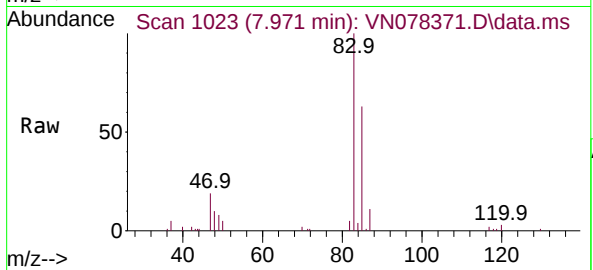
#25
Chloroform
Concen: 5.241 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 47954
Ion Ratio Lower Upper
83 100
85 62.8 53.4 80.0

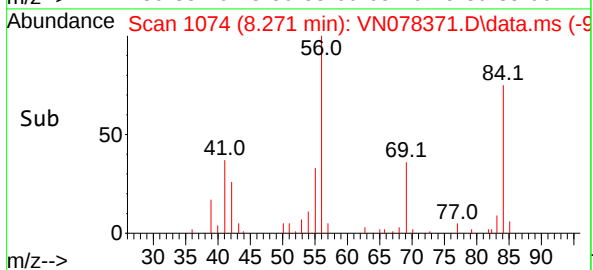
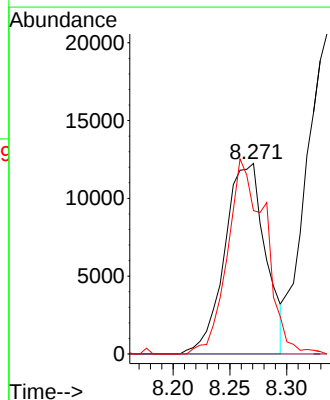
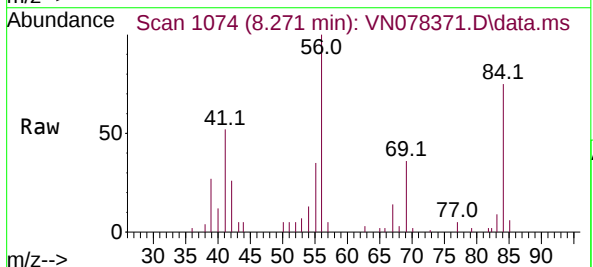
Manual Integrations
APPROVED

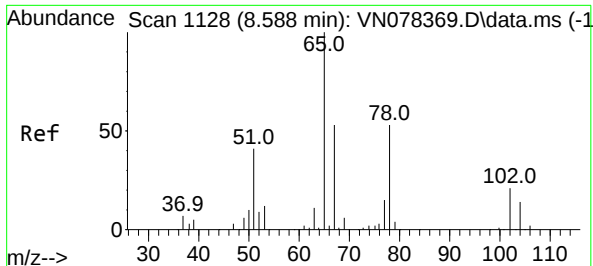
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#26
Cyclohexane
Concen: 4.934 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 56 Resp: 30573
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 18.5 74.2 111.4#





#27

1,2-Dichloroethane-d4

Concen: 31.321 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 18130

Ion Ratio Lower Upper

65 100

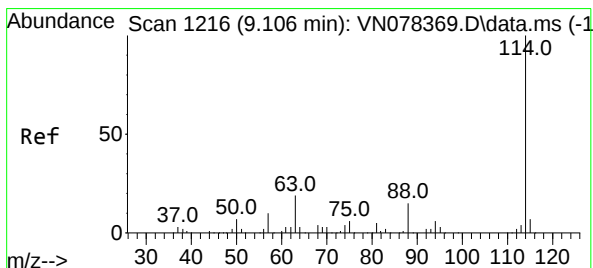
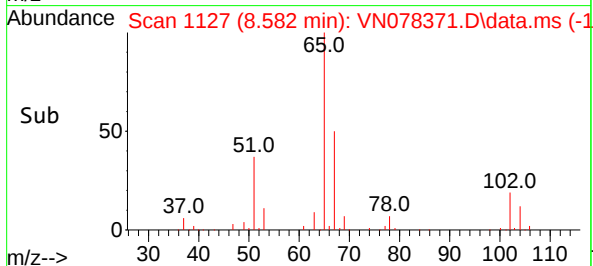
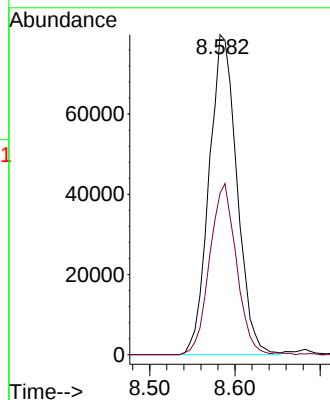
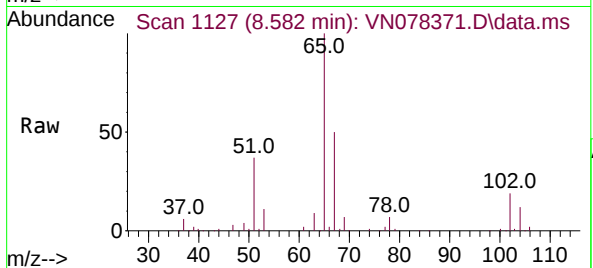
67 51.1 42.9 64.3

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: VN078371.D

Acq: 23 Jun 2023 11:58

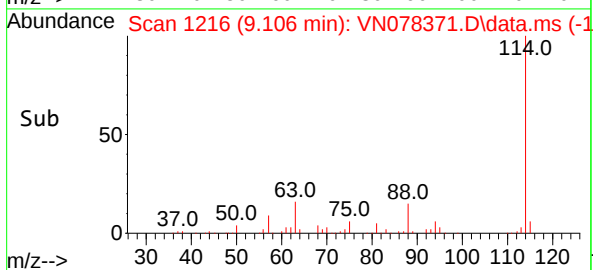
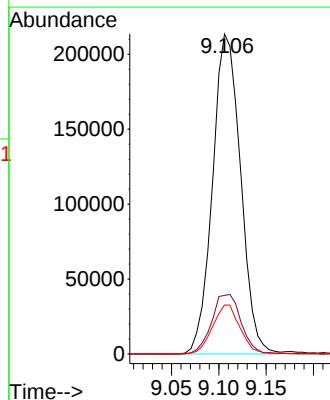
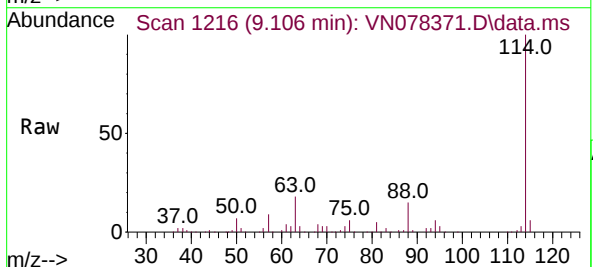
Tgt Ion:114 Resp: 440134

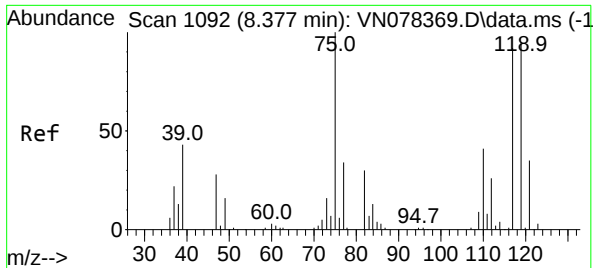
Ion Ratio Lower Upper

114 100

63 19.4 15.2 22.8

88 15.0 12.5 18.7





#29
1,1-Dichloropropene
Concen: 5.087 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

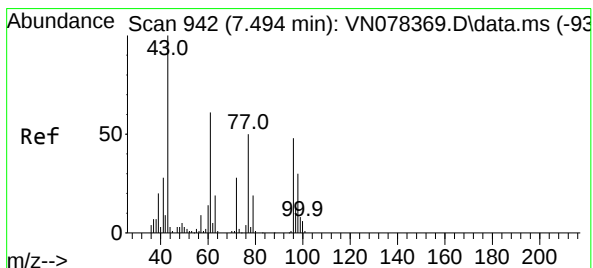
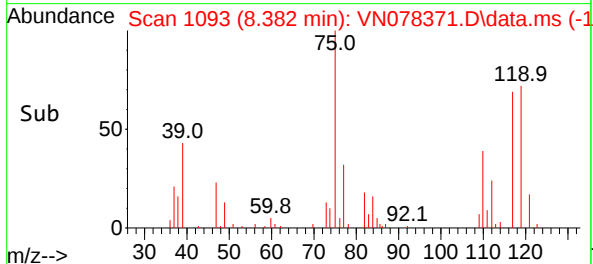
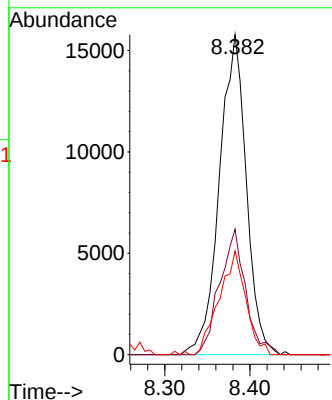
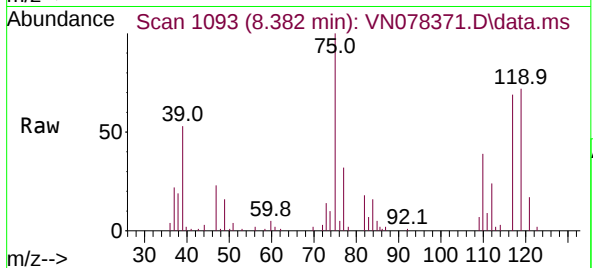
Tgt Ion: 75 Resp: 3470
Ion Ratio Lower Upper
75 100
110 37.9 0.0 72.2
77 32.0 0.0 62.8

Manual Integrations

APPROVED

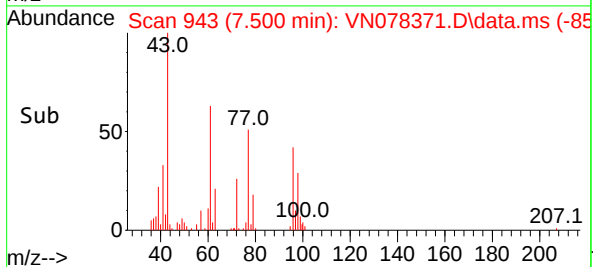
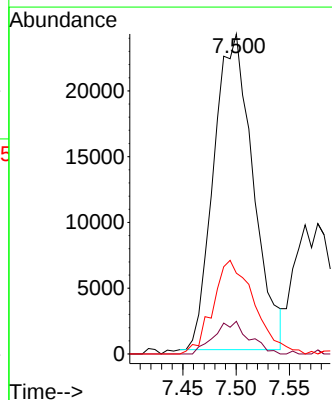
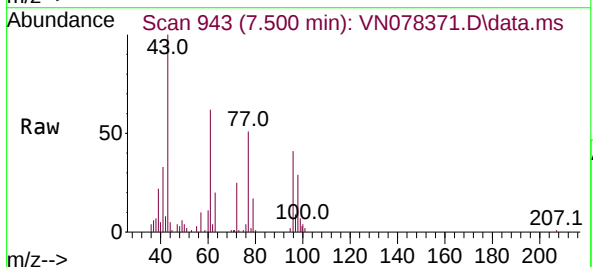
Reviewed By :John Carlone 06/24/2023

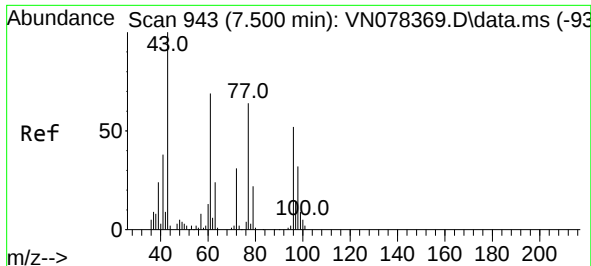
Supervised By :Mahesh Dadoda 06/26/2023



#30
2-Butanone
Concen: 25.723 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 43 Resp: 61517
Ion Ratio Lower Upper
43 100
57 9.1 6.8 10.2
72 31.2 23.8 35.6





#31

2,2-Dichloropropane

Concen: 4.854 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.000 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 77 Resp: 3541

Ion Ratio Lower Upper

77 100

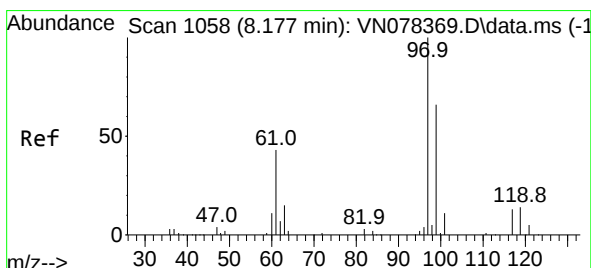
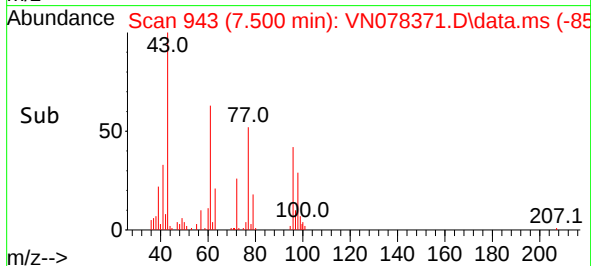
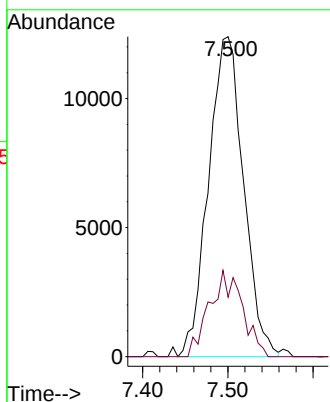
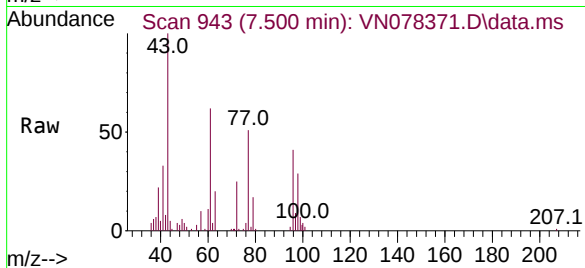
97 2.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#32

1,1,1-Trichloroethane

Concen: 5.307 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

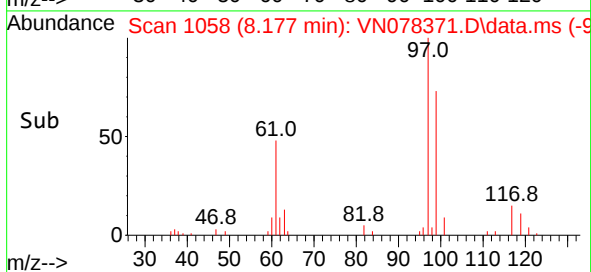
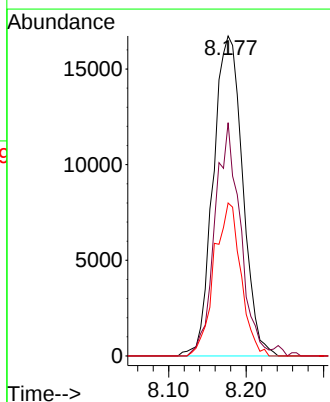
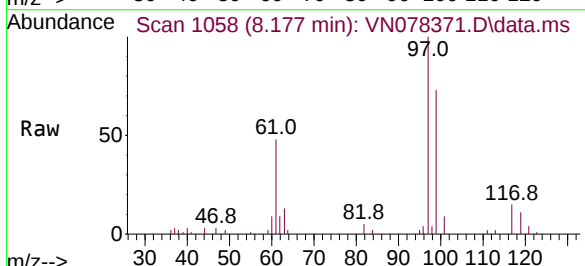
Tgt Ion: 97 Resp: 44118

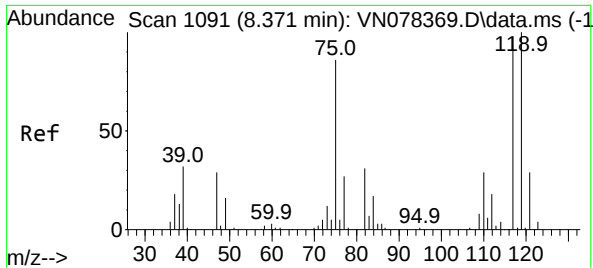
Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

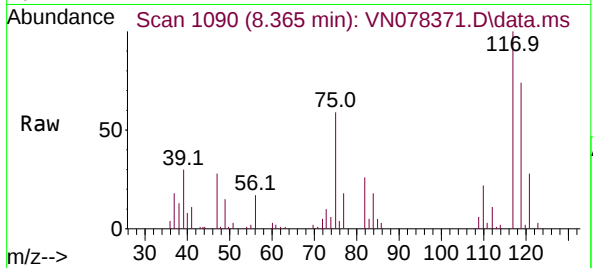
61 43.6 34.6 52.0





#33
Carbon Tetrachloride
Concen: 5.172 ug/l
RT: 8.365 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

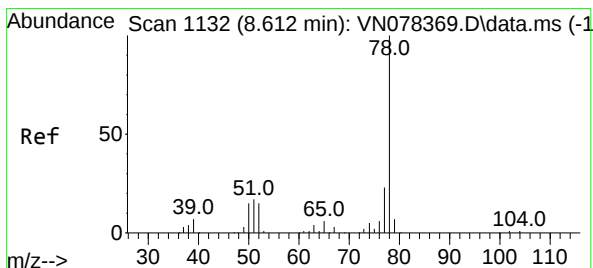
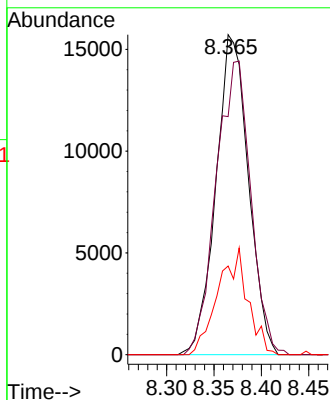
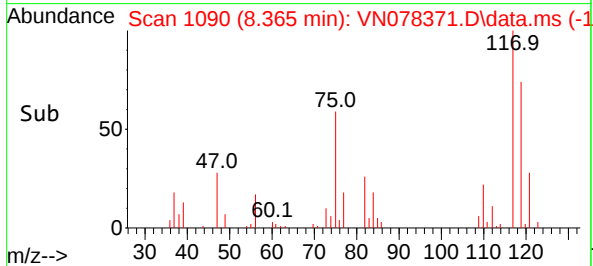
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 3749
Ion Ratio Lower Upper
117 100
119 74.4 81.4 122.0
121 27.7 23.6 35.4

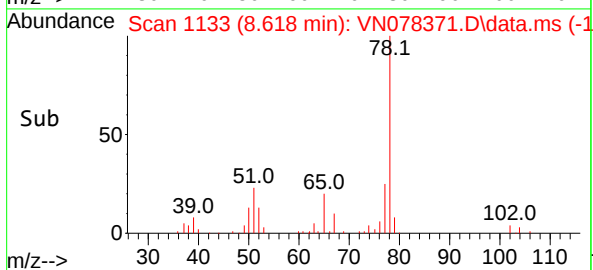
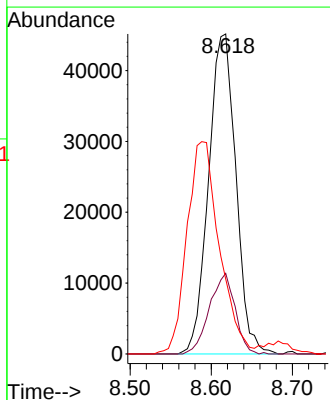
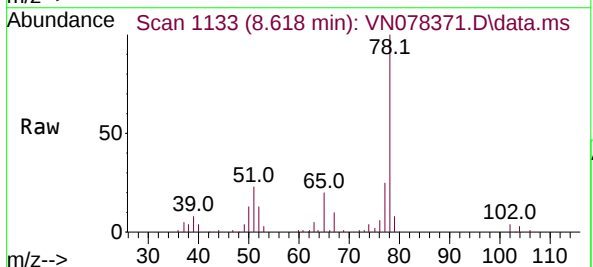
Manual Integrations
APPROVED

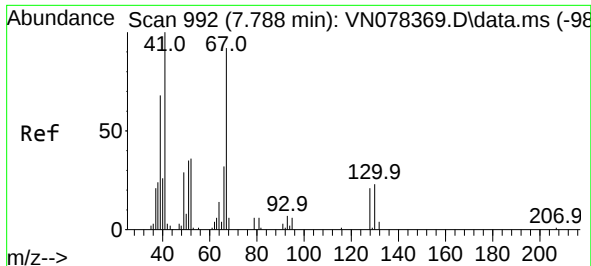
Reviewed By : John Carlone 06/24/2023
Supervised By : Mahesh Dadoda 06/26/2023



#34
Benzene
Concen: 5.197 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

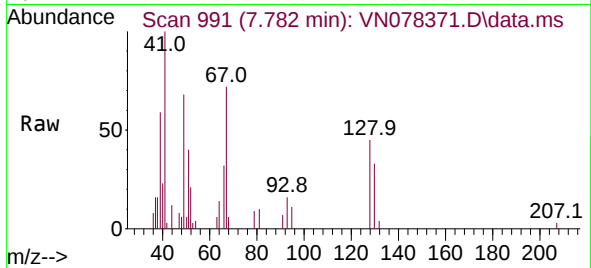
Tgt Ion: 78 Resp: 105730
Ion Ratio Lower Upper
78 100
77 25.2 18.3 27.5
51 19.4 13.7 20.5





#35
Methacrylonitrile
Concen: 5.557 ug/l m
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

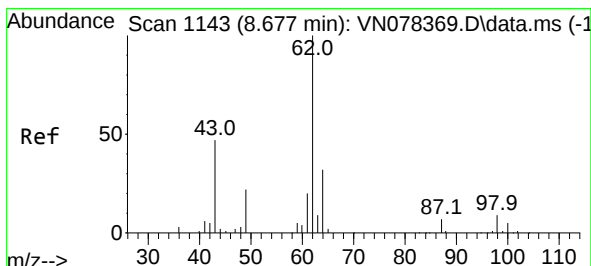
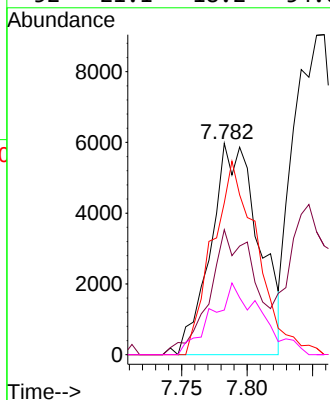
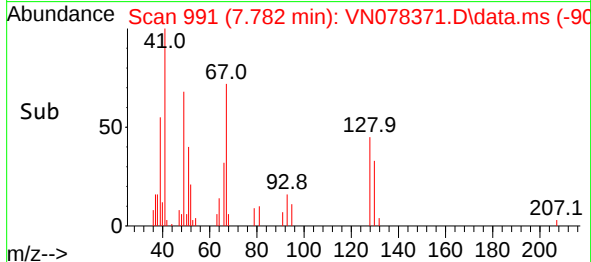
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 1525
Ion Ratio Lower Upper
41 100
39 59.1 33.9 101.6
67 71.9 45.9 137.6
52 21.1 18.2 54.6

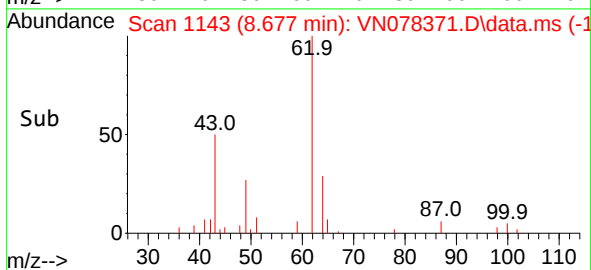
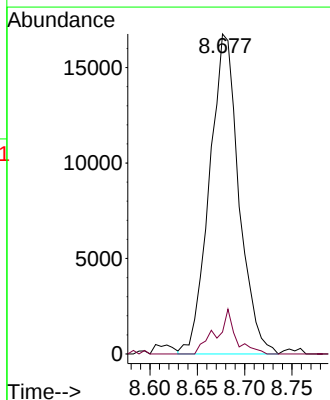
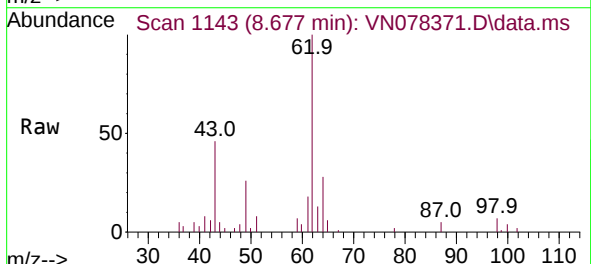
Manual Integrations
APPROVED

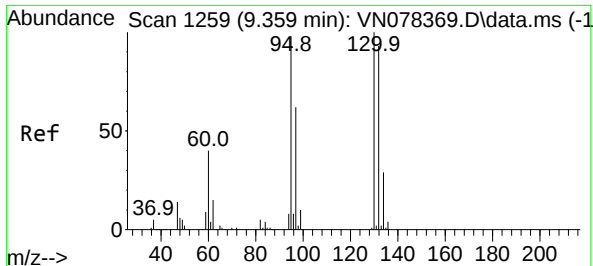
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#36
1,2-Dichloroethane
Concen: 5.239 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 62 Resp: 36344
Ion Ratio Lower Upper
62 100
98 3.8 7.4 11.0#





#37

Trichloroethene

Concen: 5.200 ug/l

RT: 9.365 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:130 Resp: 2703

Ion Ratio Lower Upper

130 100

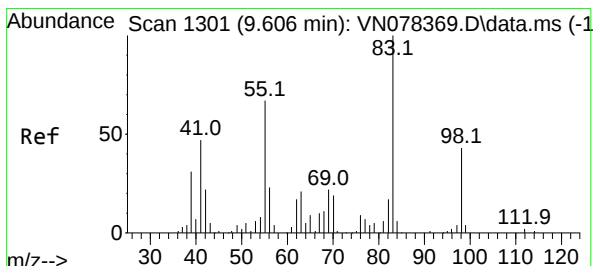
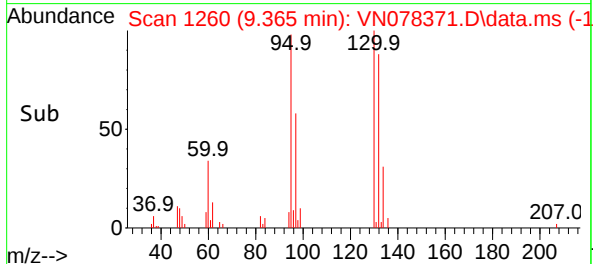
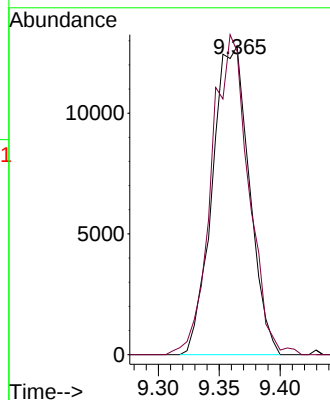
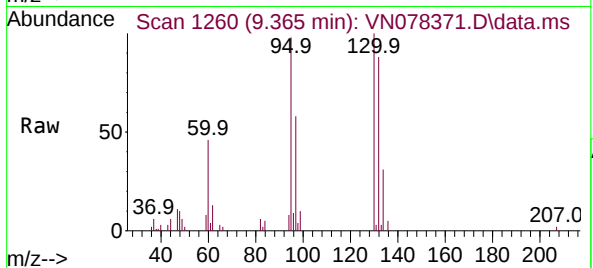
95 96.8 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#38

Methylcyclohexane

Concen: 4.942 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

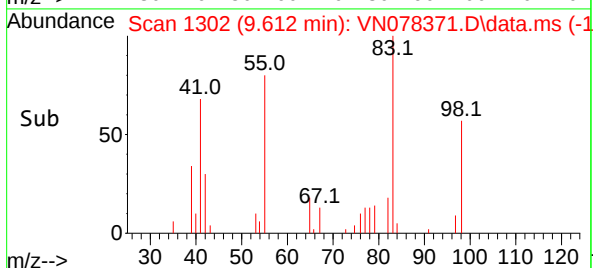
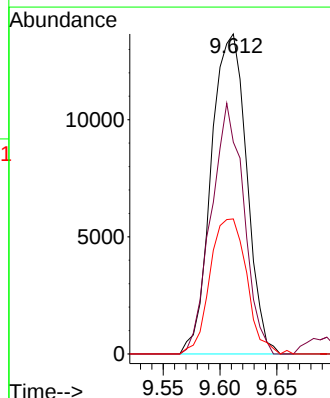
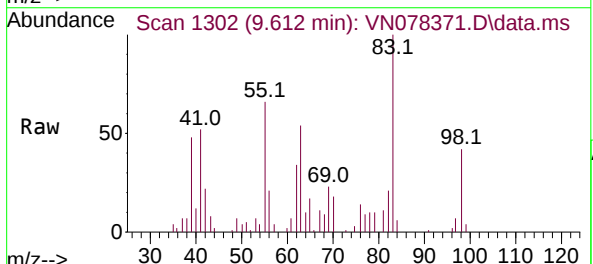
Tgt Ion: 83 Resp: 29624

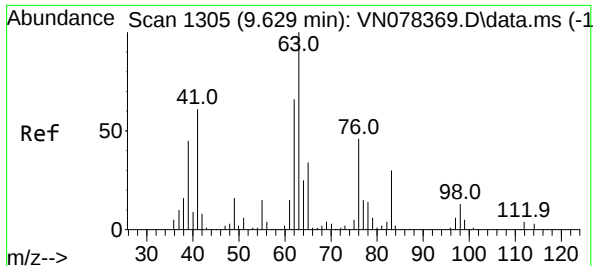
Ion Ratio Lower Upper

83 100

55 72.3 34.0 102.0

98 43.5 23.0 69.0





#39

1,2-Dichloropropane

Concen: 5.109 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 2603

Ion Ratio Lower Upper

63 100

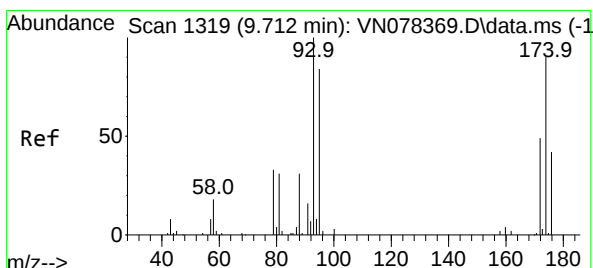
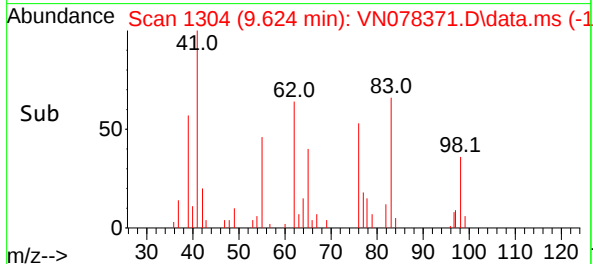
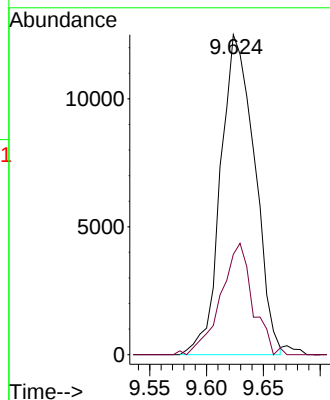
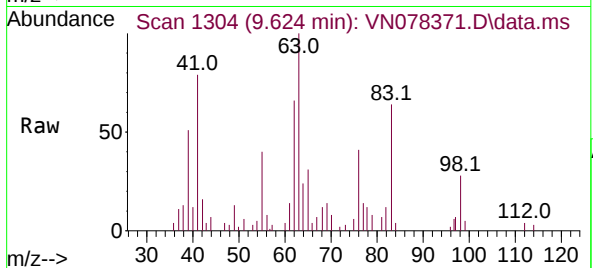
65 30.1 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#40

Dibromomethane

Concen: 5.276 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

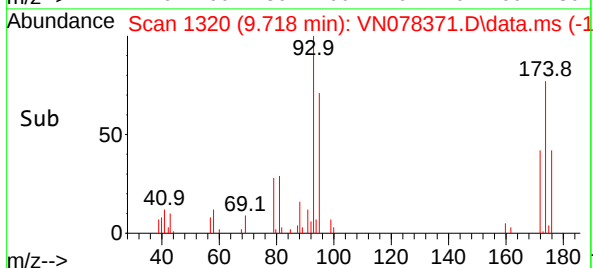
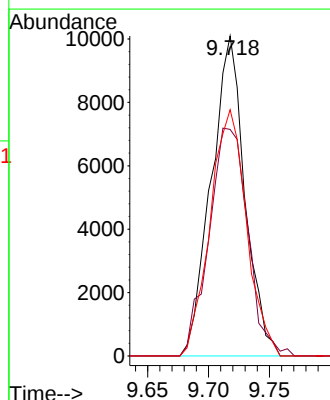
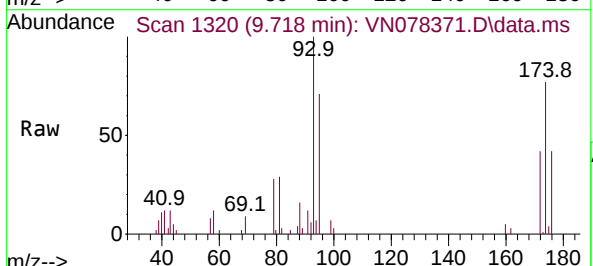
Tgt Ion: 93 Resp: 19404

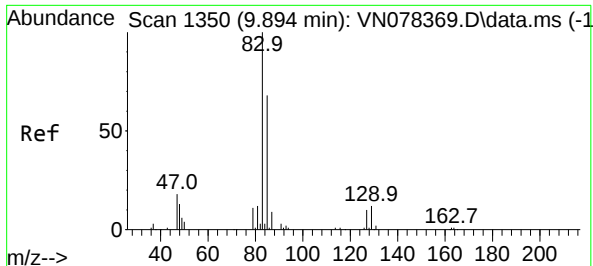
Ion Ratio Lower Upper

93 100

95 82.0 0.0 167.8

174 83.1 0.0 180.8





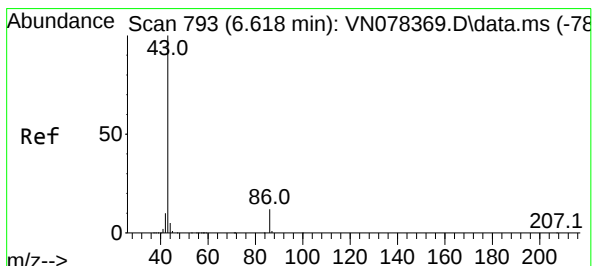
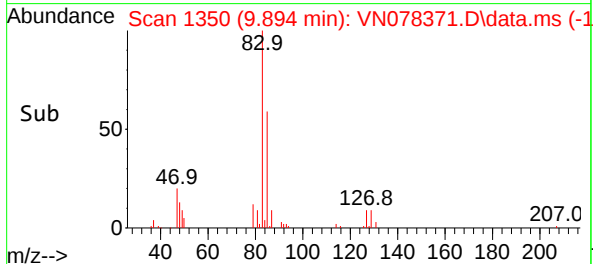
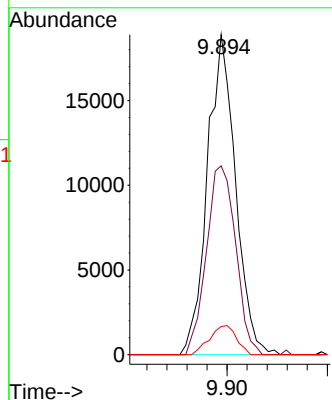
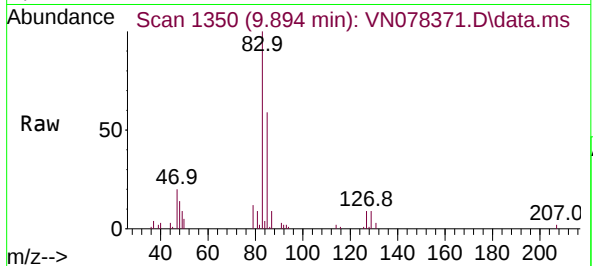
#41
Bromodichloromethane
Concen: 5.158 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 36850
Ion Ratio Lower Upper
83 100
85 59.0 54.1 81.1
127 8.8 7.8 11.6

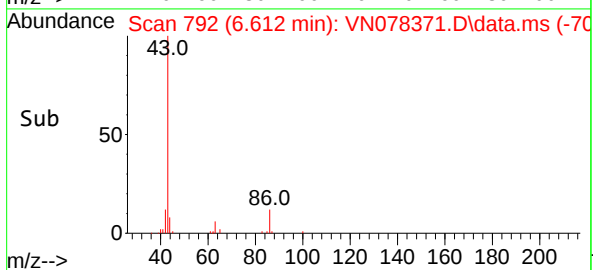
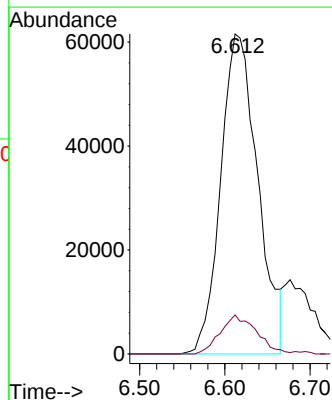
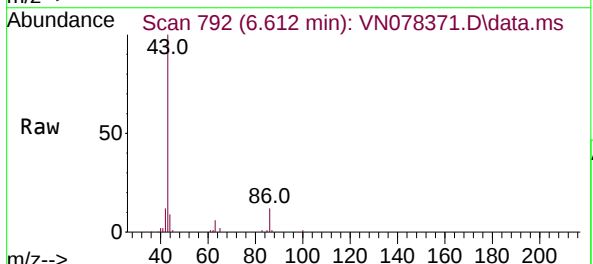
Manual Integrations
APPROVED

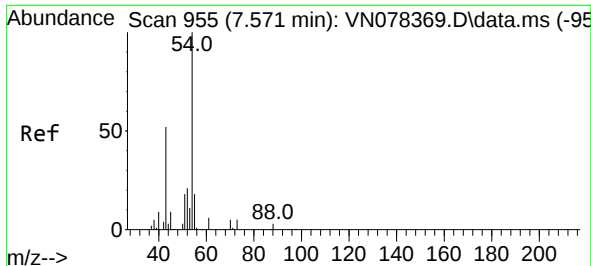
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#42
Vinyl Acetate
Concen: 24.419 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 43 Resp: 186031
Ion Ratio Lower Upper
43 100
86 11.9 9.4 14.0





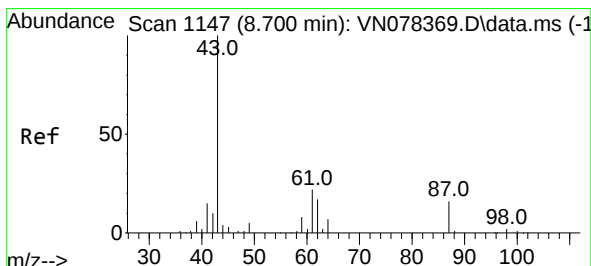
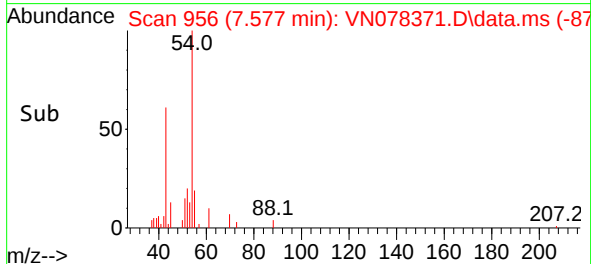
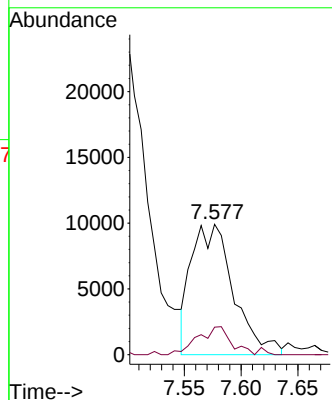
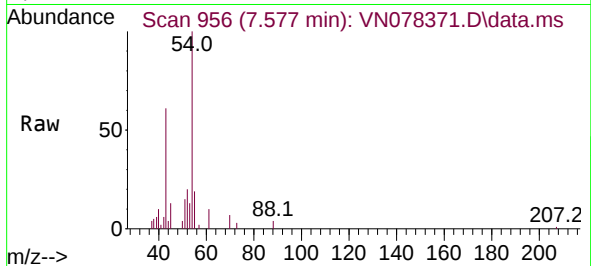
#43
Ethyl Acetate
Concen: 5.211 ug/l m
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2556
Ion Ratio Lower Upper
43 100
45 7.3 10.9 16.3

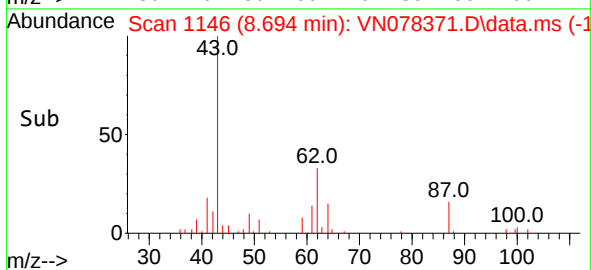
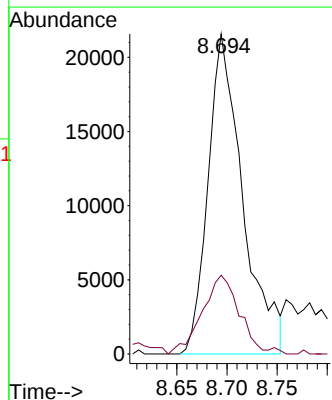
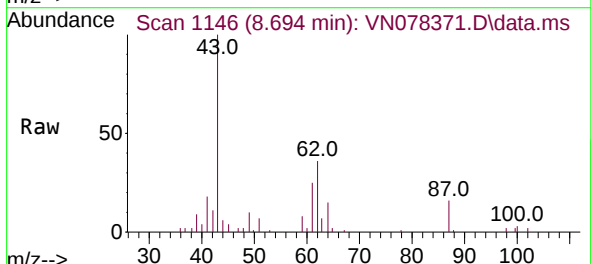
Manual Integrations
APPROVED

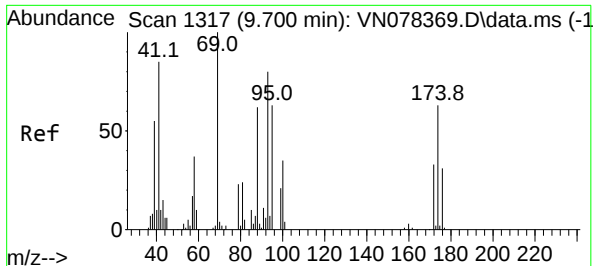
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#44
Isopropyl Acetate
Concen: 5.716 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

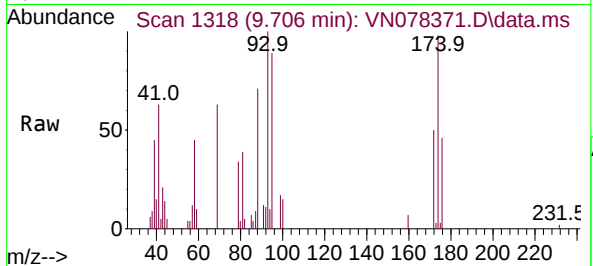
Tgt Ion: 43 Resp: 51990
Ion Ratio Lower Upper
43 100
61 26.0 23.0 34.6





#45
1,4-Dioxane
Concen: 120.139 ug/l m
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

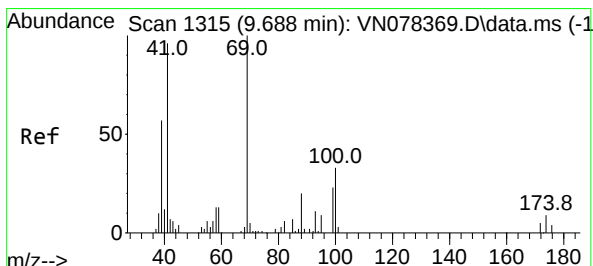
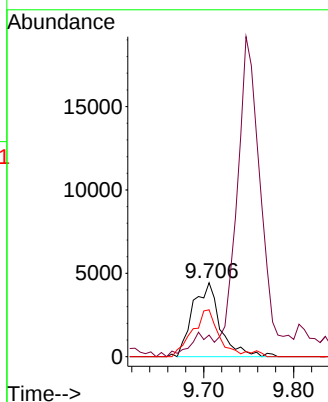
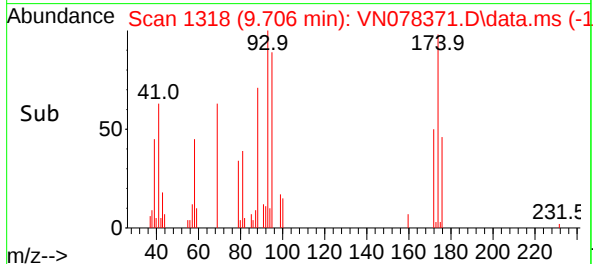
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 9412
Ion Ratio Lower Upper
88 100
43 26.3 19.0 28.6
58 0.0 48.2 72.2

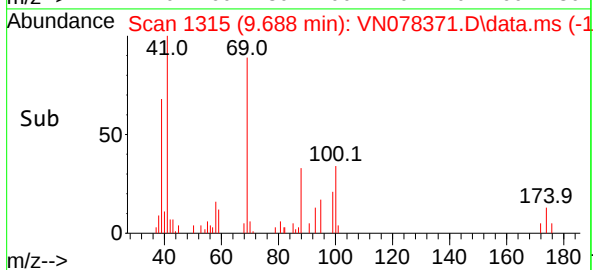
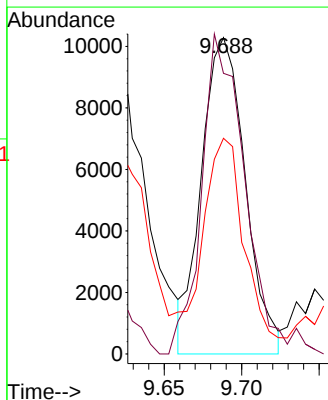
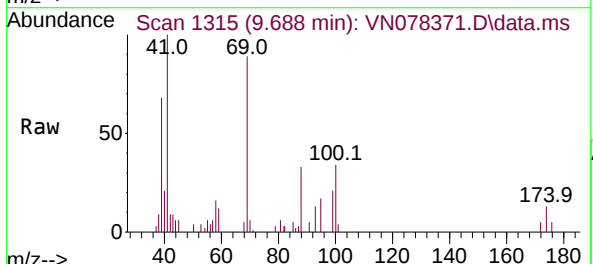
Manual Integrations
APPROVED

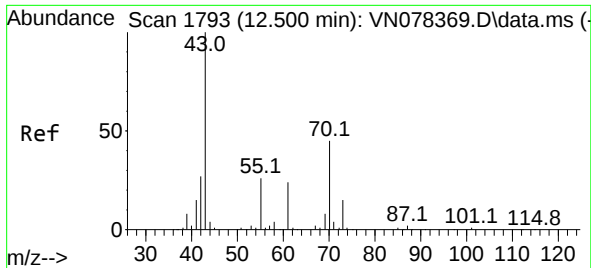
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#46
Methyl methacrylate
Concen: 4.990 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 41 Resp: 20202
Ion Ratio Lower Upper
41 100
69 86.8 49.0 147.0
39 67.9 31.6 94.8





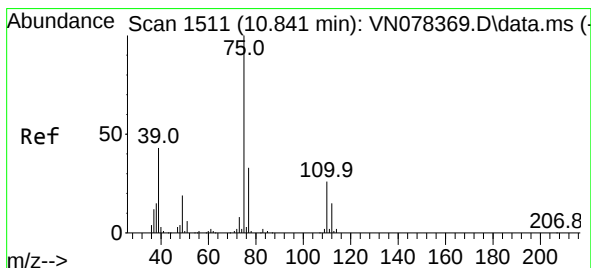
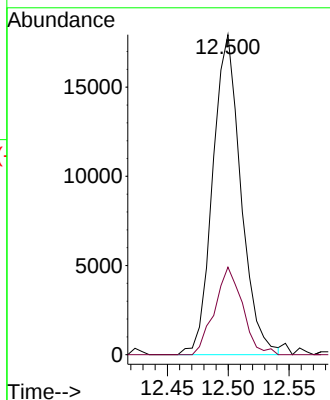
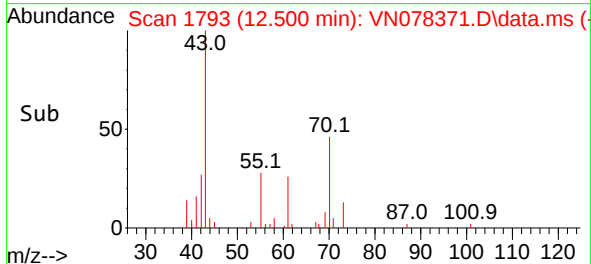
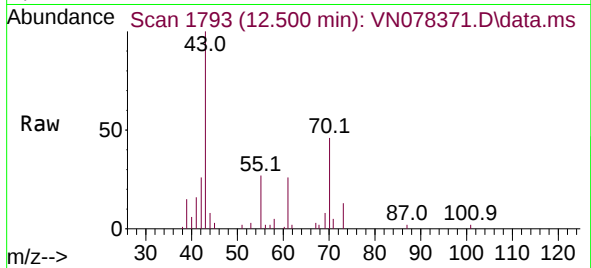
#47
n-amy1 Acetate
Concen: 4.329 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2894
Ion Ratio Lower Upper
43 100
55 26.6 21.5 32.3

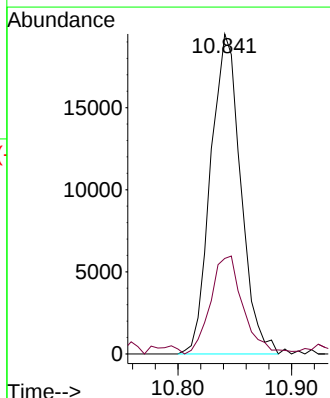
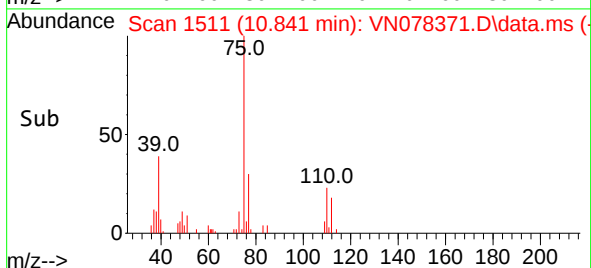
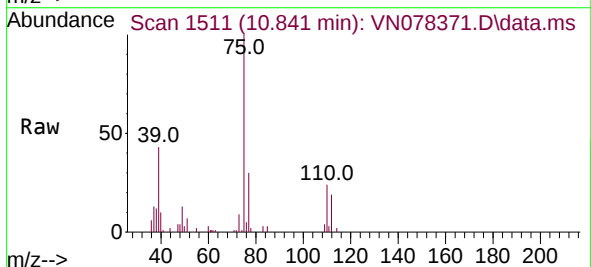
Manual Integrations
APPROVED

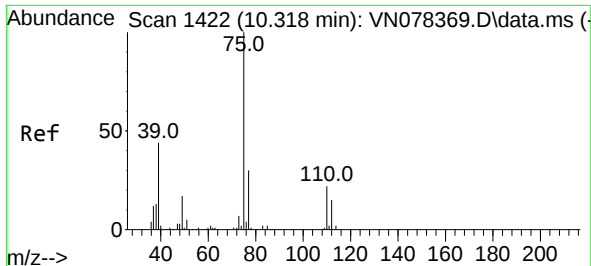
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#48
t-1,3-Dichloropropene
Concen: 4.888 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 75 Resp: 35847
Ion Ratio Lower Upper
75 100
77 28.6 26.1 39.1





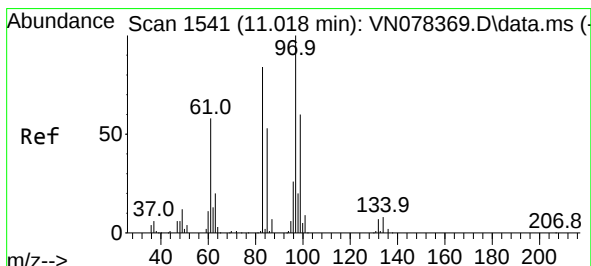
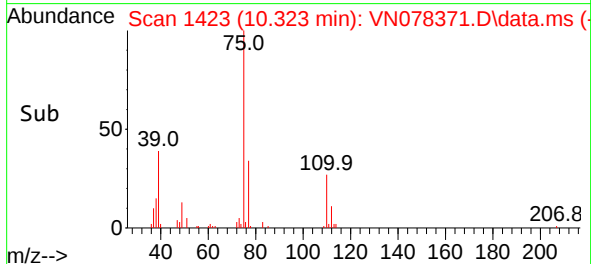
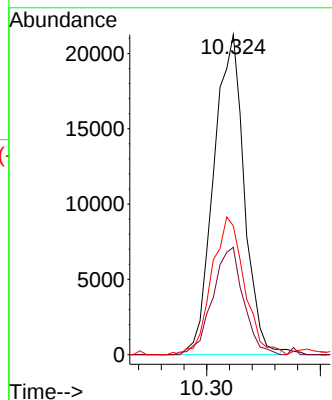
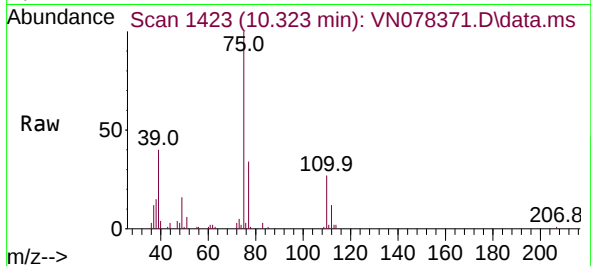
#49
cis-1,3-Dichloropropene
Concen: 4.882 ug/l
RT: 10.323 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3946
Ion Ratio Lower Upper
75 100
77 33.5 24.0 36.0
39 40.2 35.1 52.7

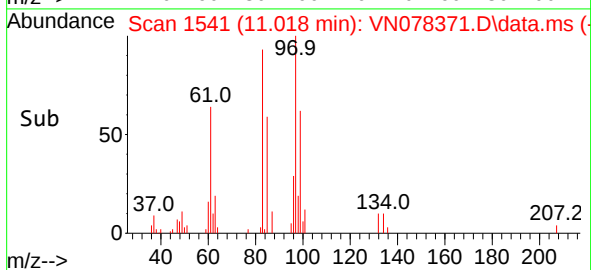
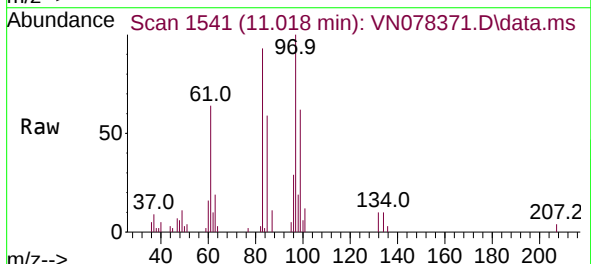
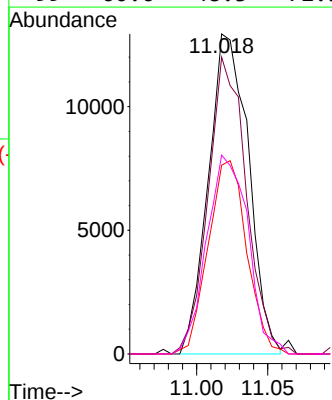
Manual Integrations
APPROVED

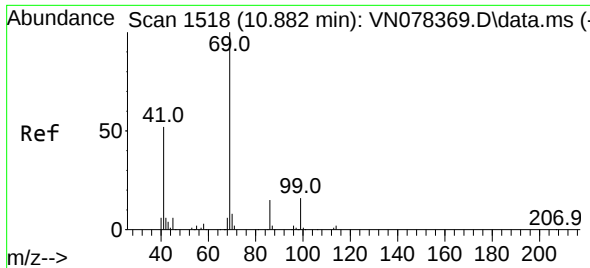
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#50
1,1,2-Trichloroethane
Concen: 5.155 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 97 Resp: 25415
Ion Ratio Lower Upper
97 100
83 91.2 66.8 100.2
85 57.7 42.5 63.7
99 60.6 48.3 72.5





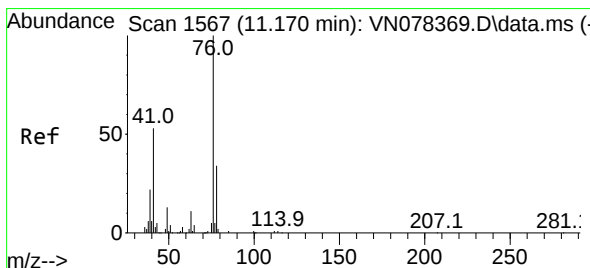
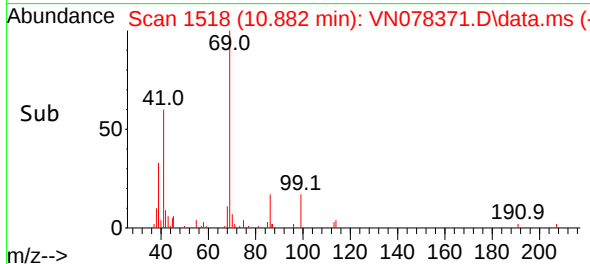
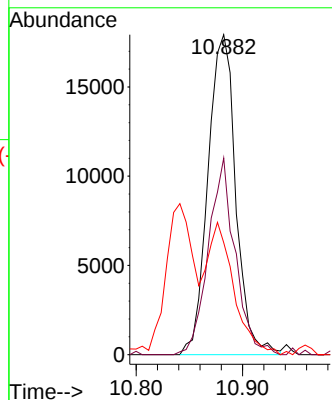
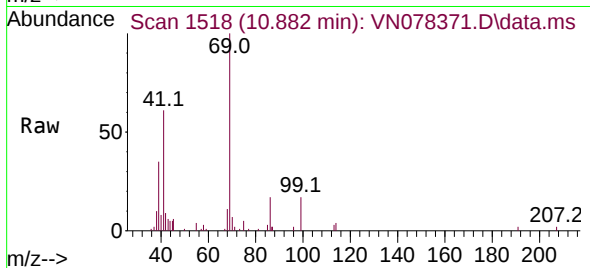
#51
Ethyl methacrylate
Concen: 4.829 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 69 Resp: 32572
Ion Ratio Lower Upper
69 100
41 61.5 26.0 78.0
39 35.0 16.3 48.9

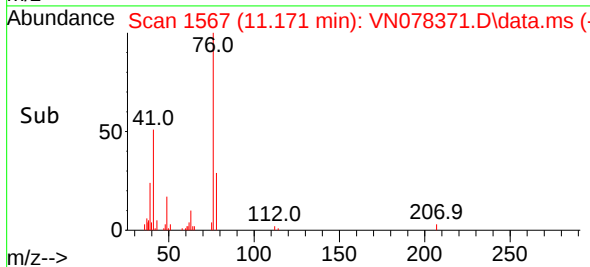
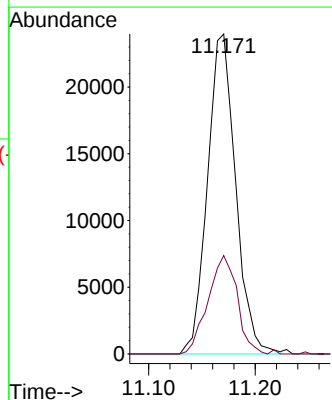
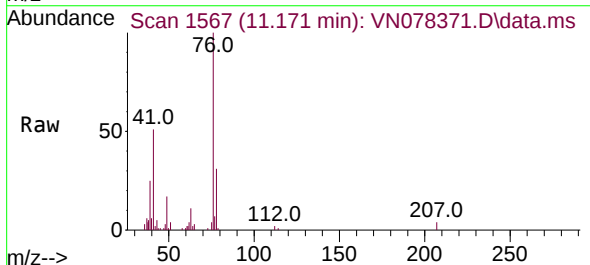
Manual Integrations
APPROVED

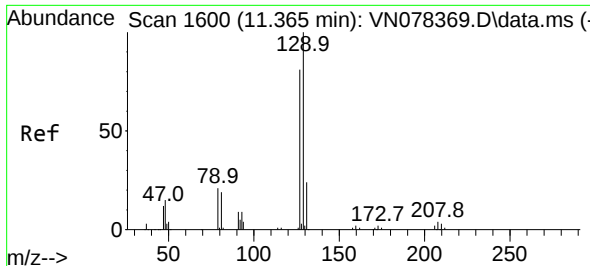
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
1,3-Dichloropropane
Concen: 5.316 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 76 Resp: 43987
Ion Ratio Lower Upper
76 100
78 31.8 0.0 66.2





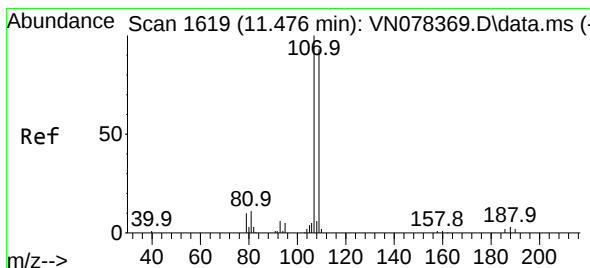
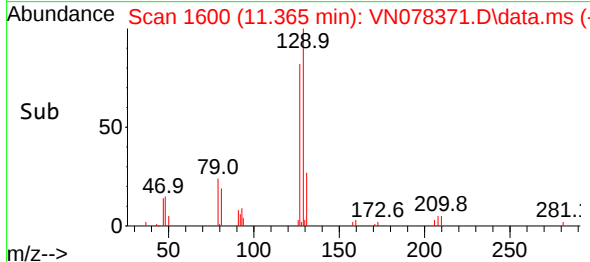
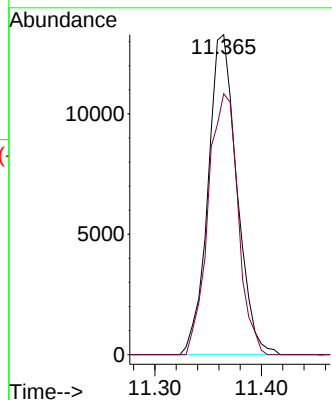
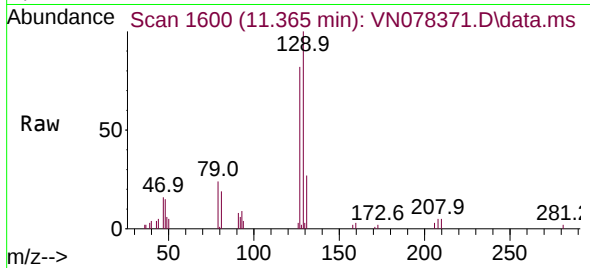
#53
Dibromochloromethane
Concen: 4.783 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 2501
Ion Ratio Lower Upper
129 100
127 84.4 39.4 118.1

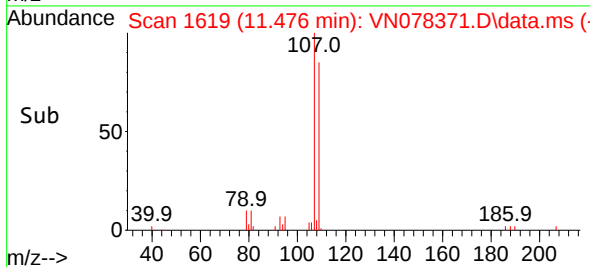
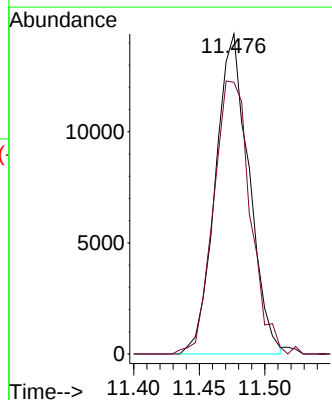
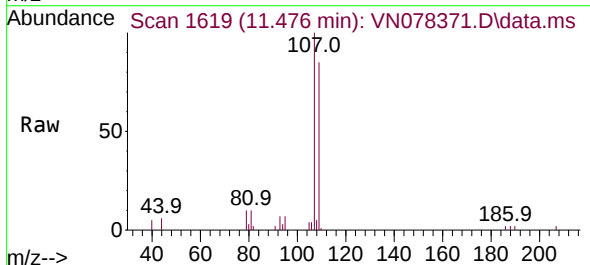
Manual Integrations
APPROVED

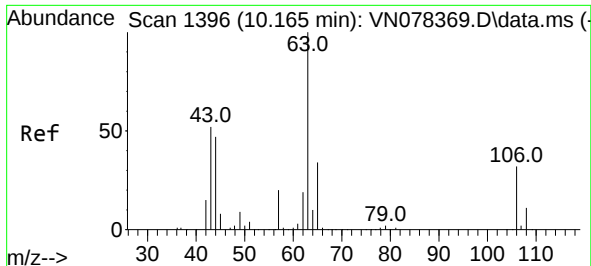
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#54
1,2-Dibromoethane
Concen: 5.154 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion:107 Resp: 25611
Ion Ratio Lower Upper
107 100
109 93.4 74.6 112.0





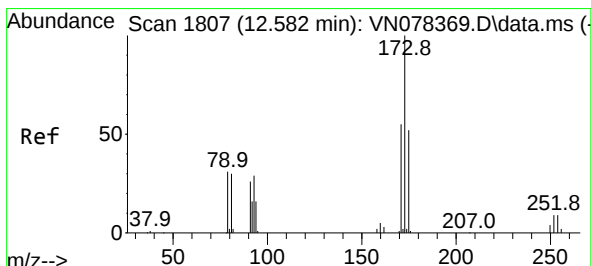
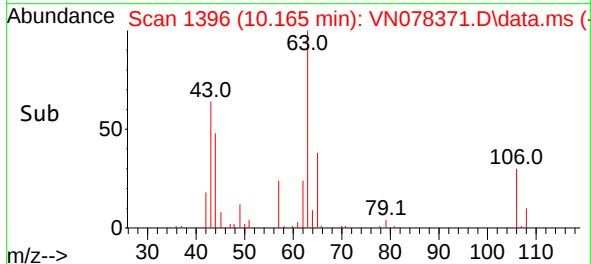
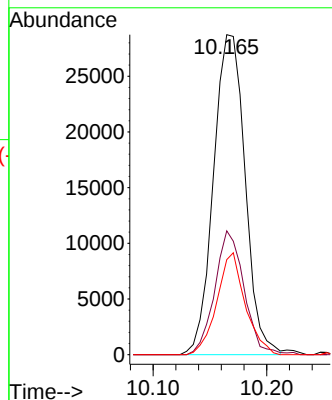
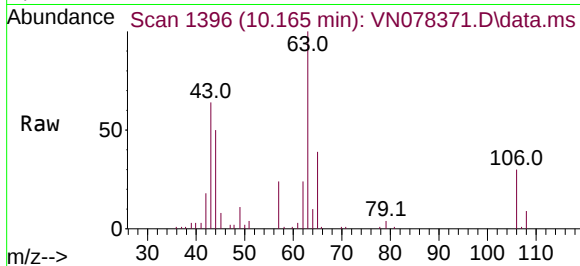
#55
2-Chloroethyl vinyl ether
Concen: 22.307 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 55500
Ion Ratio Lower Upper
63 100
65 35.9 26.3 39.5
106 28.6 23.8 35.6

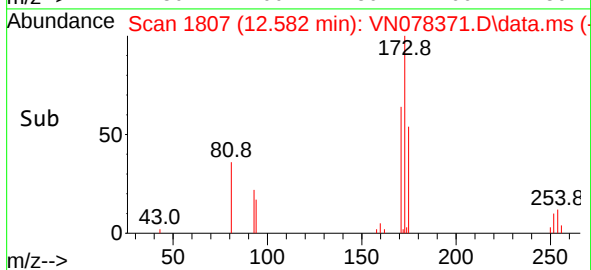
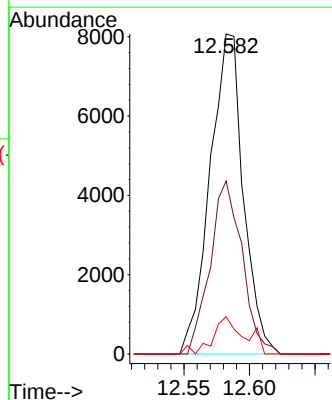
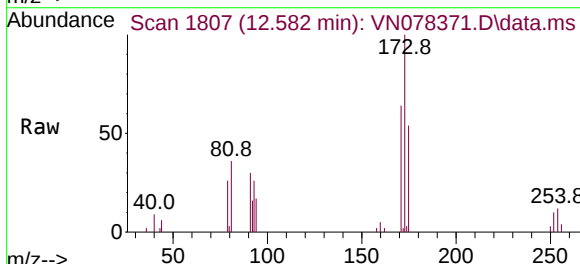
Manual Integrations
APPROVED

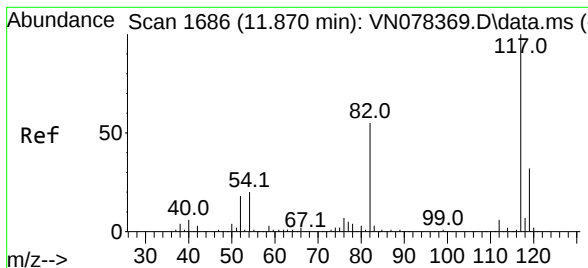
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#56
Bromoform
Concen: 4.456 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

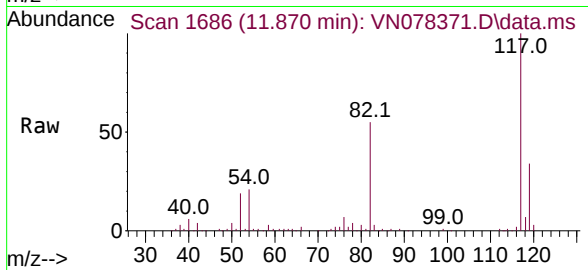
Tgt Ion:173 Resp: 14263
Ion Ratio Lower Upper
173 100
175 52.0 40.7 61.1
254 8.8 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

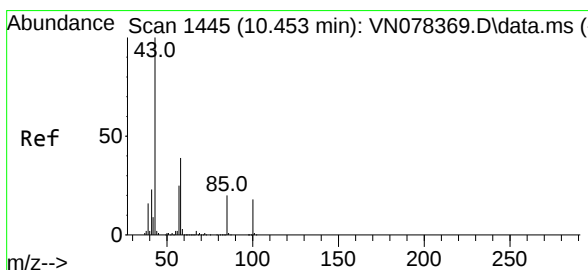
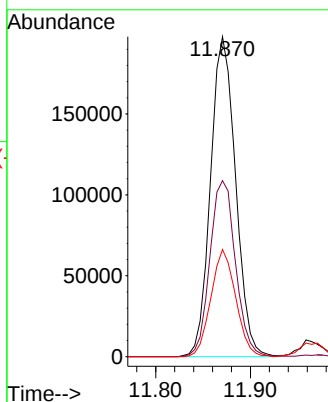
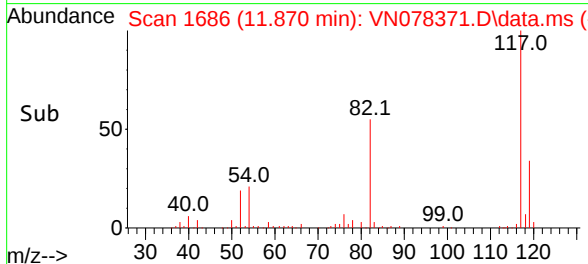
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 363434
Ion Ratio Lower Upper
117 100
82 56.4 43.9 65.9
119 33.1 26.2 39.4

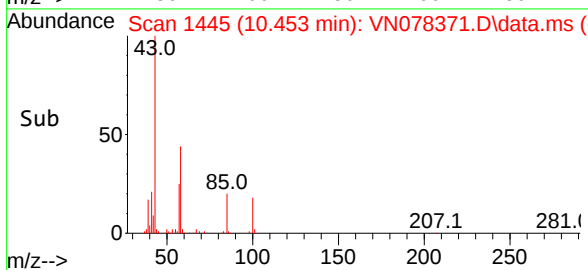
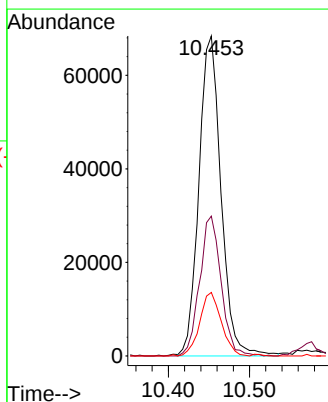
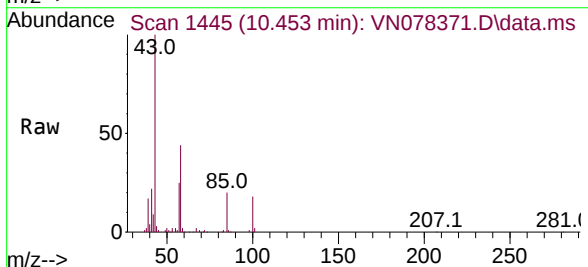
Manual Integrations
APPROVED

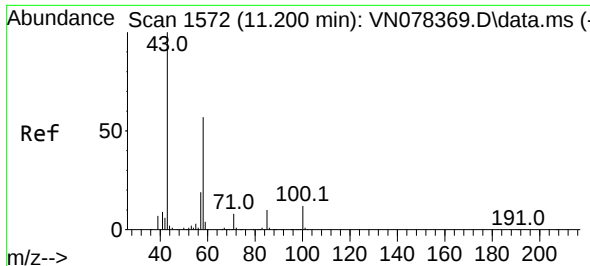
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#58
4-Methyl-2-Pentanone
Concen: 26.696 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 43 Resp: 129566
Ion Ratio Lower Upper
43 100
58 42.3 32.6 48.8
85 19.3 16.2 24.2





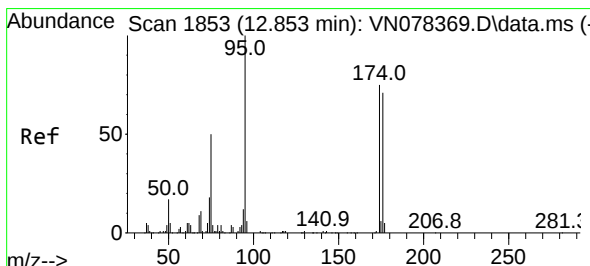
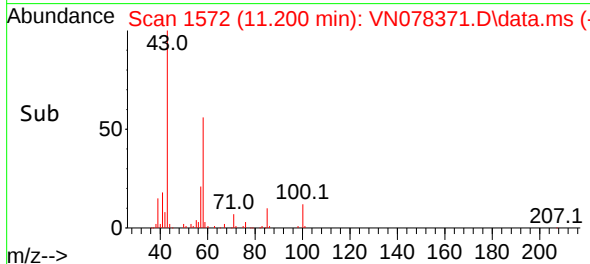
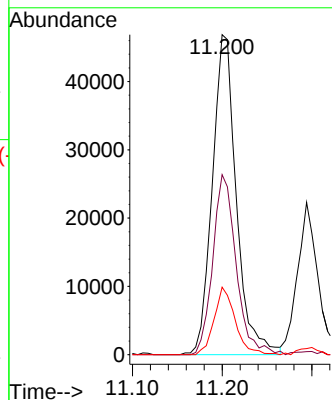
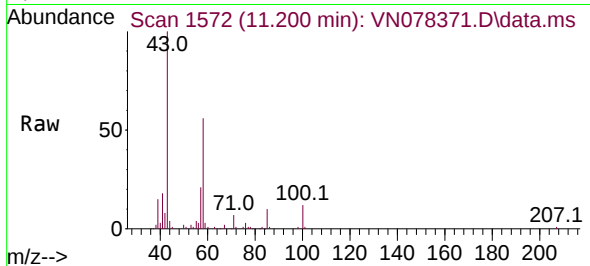
#59
2-Hexanone
Concen: 25.989 ug/l
RT: 11.200 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 87111
Ion Ratio Lower Upper
43 100
58 53.6 45.9 68.9
57 18.5 15.8 23.6

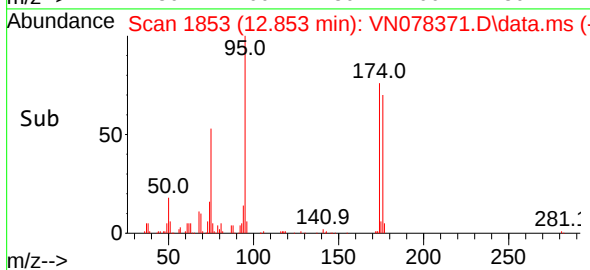
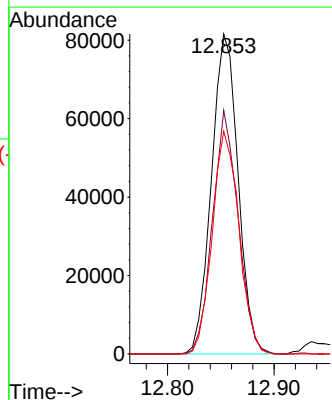
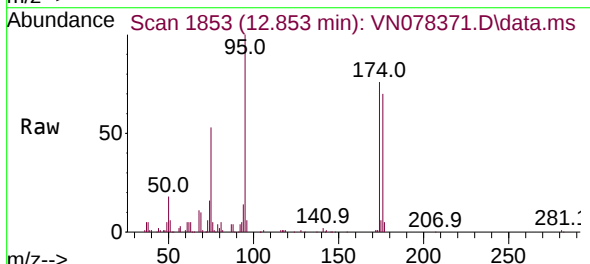
Manual Integrations
APPROVED

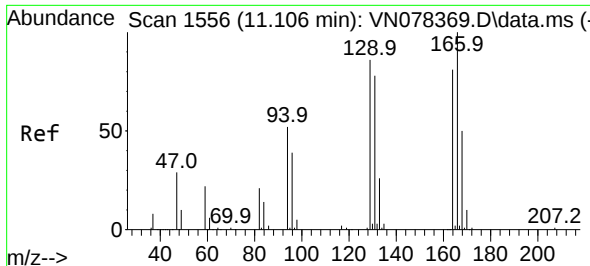
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
4-Bromofluorobenzene
Concen: 27.668 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

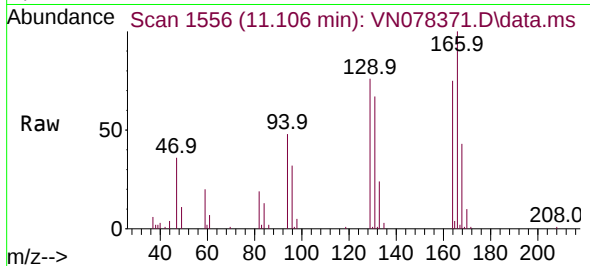
Tgt Ion: 95 Resp: 141671
Ion Ratio Lower Upper
95 100
174 73.2 61.7 92.5
176 69.9 58.1 87.1





#61
Tetrachloroethene
Concen: 5.650 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

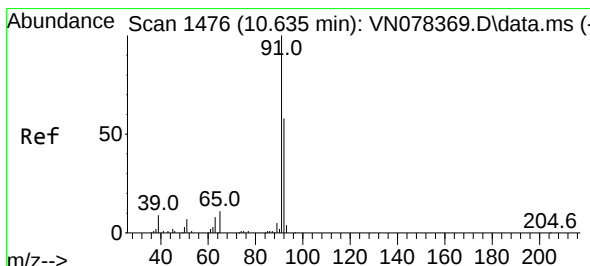
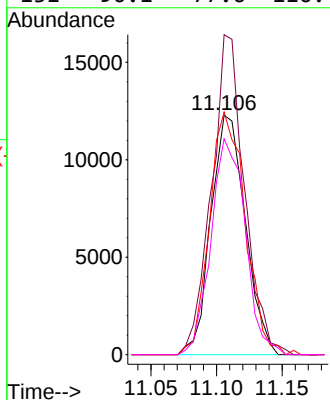
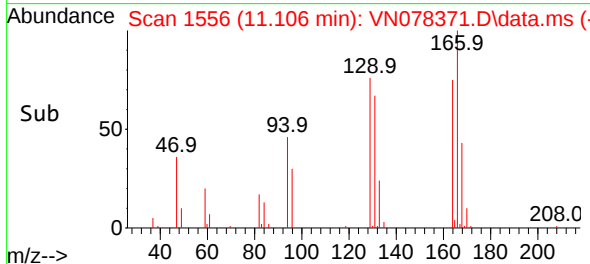
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



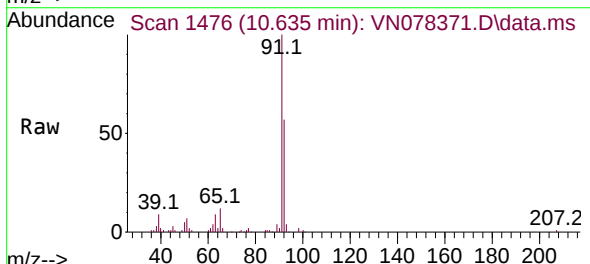
Tgt Ion:164 Resp: 22499
Ion Ratio Lower Upper
164 100
166 133.6 99.1 148.7
129 101.3 85.6 128.4
131 90.1 77.6 116.4

Manual Integrations
APPROVED

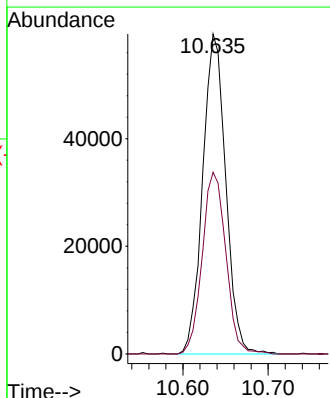
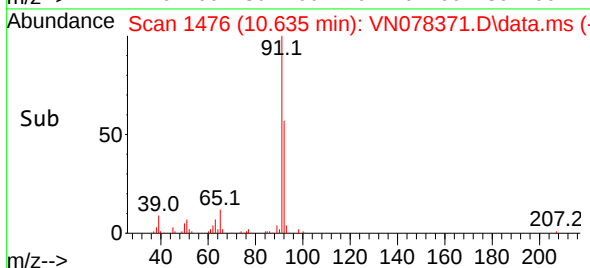
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

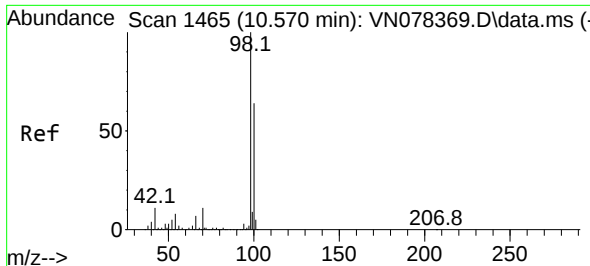


#62
Toluene
Concen: 5.284 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58



Tgt Ion: 91 Resp: 111755
Ion Ratio Lower Upper
91 100
92 58.2 45.2 67.8





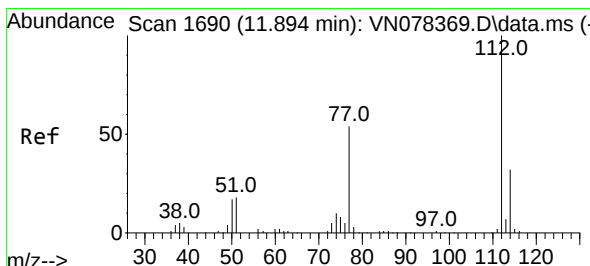
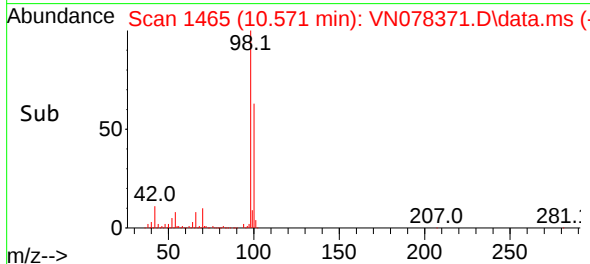
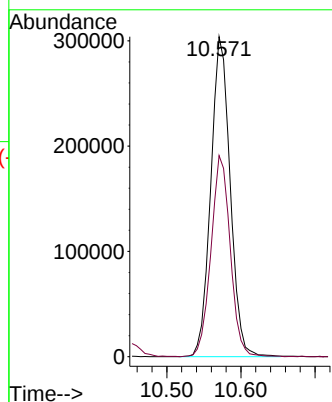
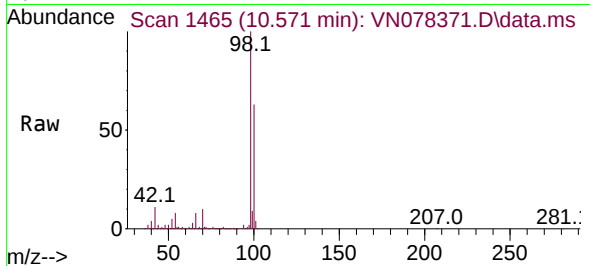
#63
Toluene-d8
Concen: 31.341 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 98 Resp: 551884
Ion Ratio Lower Upper
98 100
100 62.5 49.7 74.5

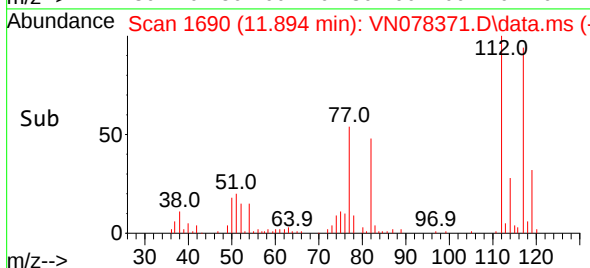
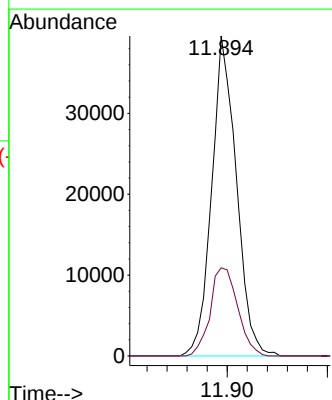
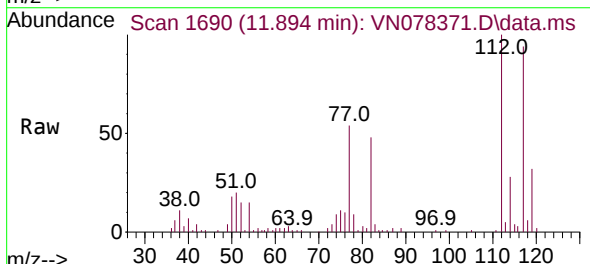
Manual Integrations
APPROVED

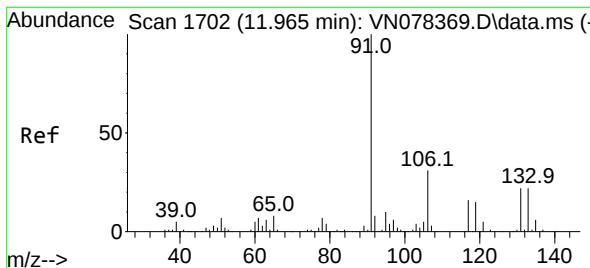
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#64
Chlorobenzene
Concen: 5.394 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion:112 Resp: 67617
Ion Ratio Lower Upper
112 100
114 27.5 25.9 38.9





#65

1,1,1,2-Tetrachloroethane

Concen: 5.578 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:131 Resp: 2696

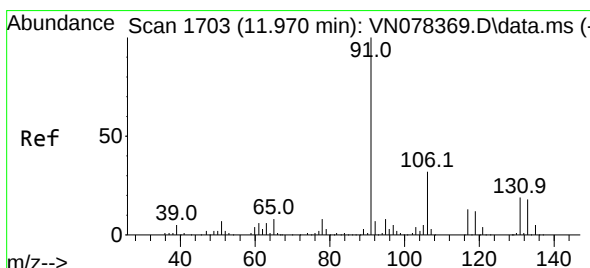
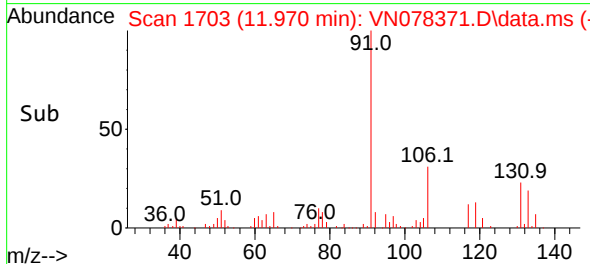
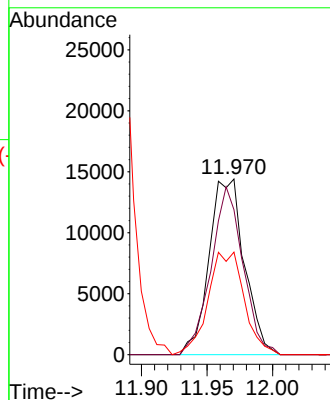
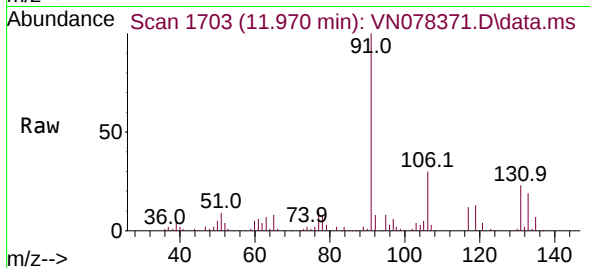
Ion	Ratio	Lower	Upper
131	100		
133	86.7	0.0	191.8
119	59.9	0.0	132.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#66

Ethyl Benzene

Concen: 5.050 ug/l

RT: 11.970 min Scan# 1703

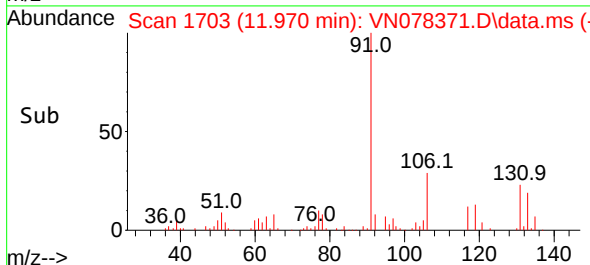
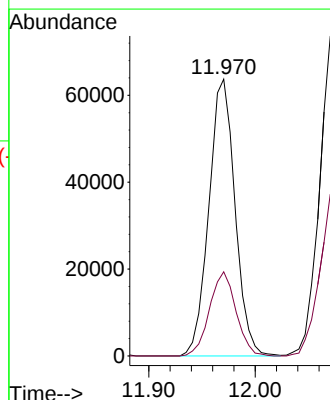
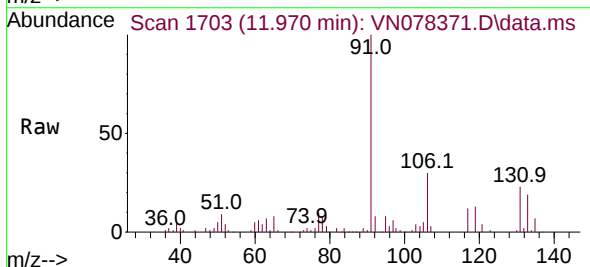
Delta R.T. 0.000 min

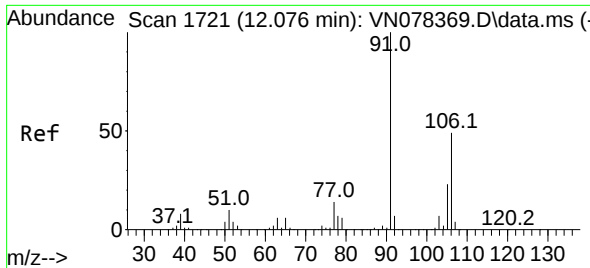
Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Tgt Ion: 91 Resp: 108685

Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.6	38.4





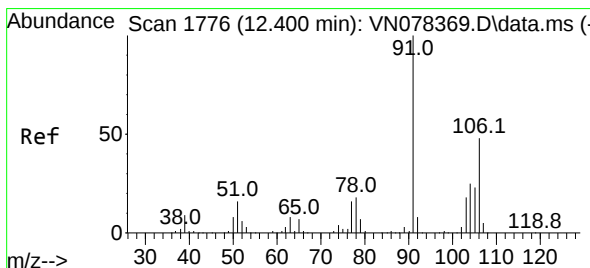
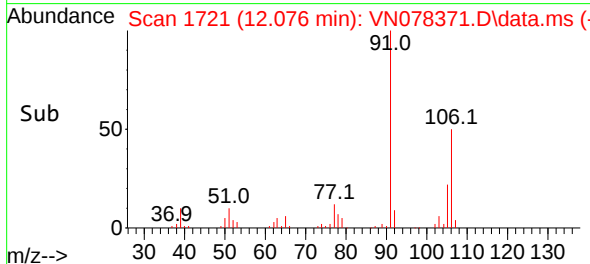
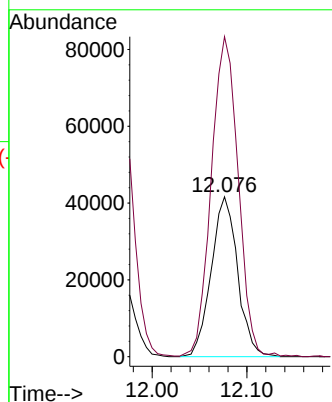
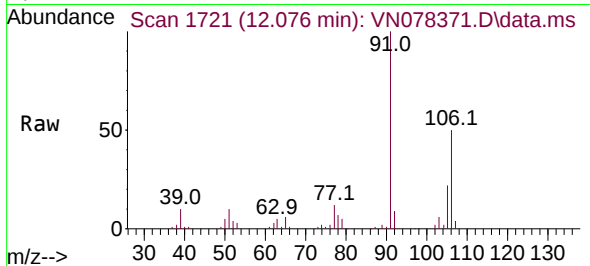
#67
m/p-Xylenes
Concen: 9.920 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 80732
Ion Ratio Lower Upper
106 100
91 202.4 162.5 243.7

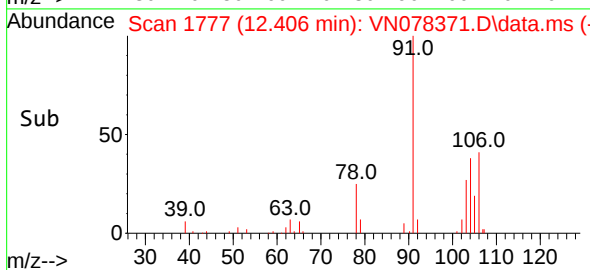
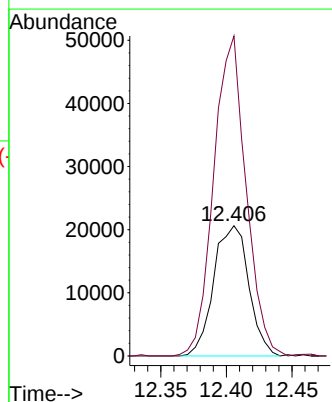
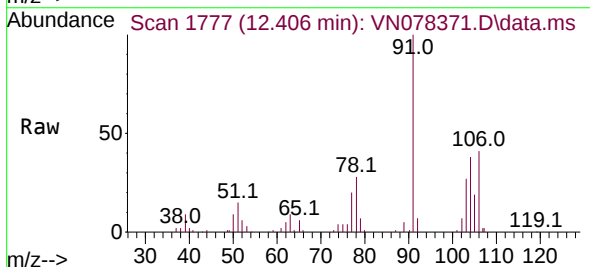
Manual Integrations
APPROVED

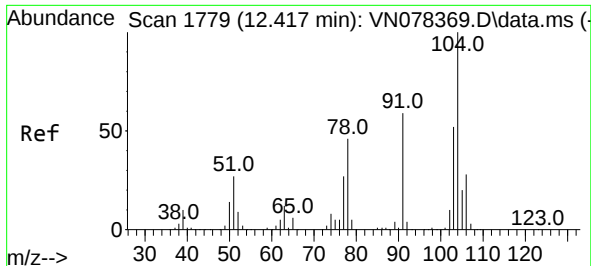
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#68
o-Xylene
Concen: 4.861 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion:106 Resp: 38357
Ion Ratio Lower Upper
106 100
91 226.2 106.1 318.3





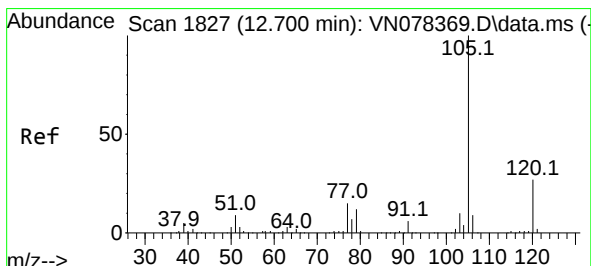
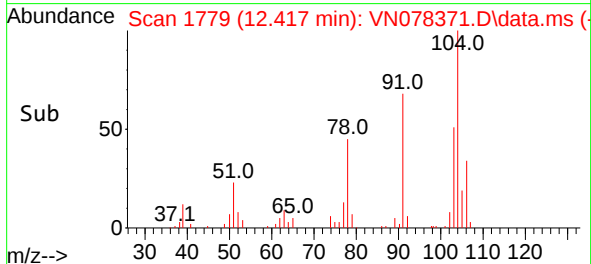
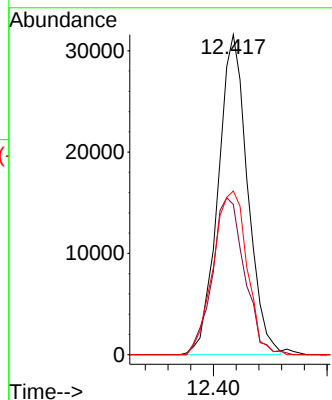
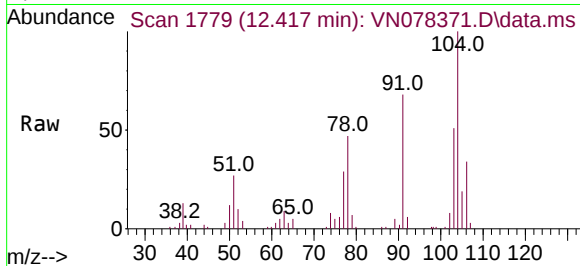
#69
Styrene
Concen: 4.560 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:104 Resp: 56972
Ion Ratio Lower Upper
104 100
78 53.5 40.1 60.1
103 58.5 45.1 67.7

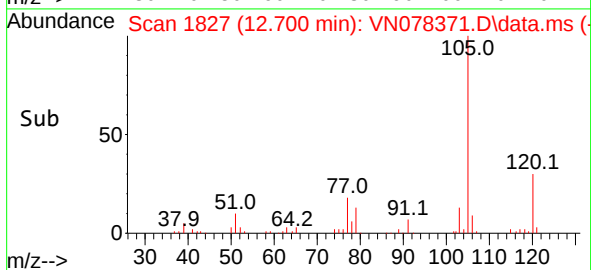
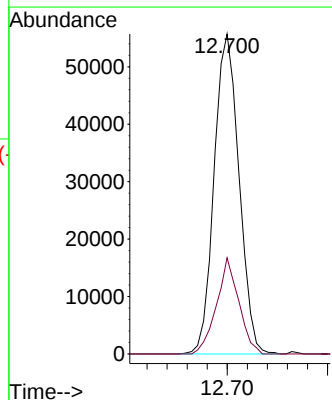
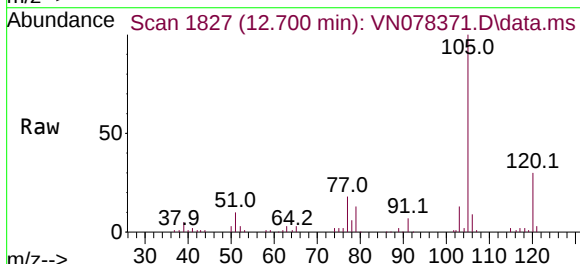
Manual Integrations
APPROVED

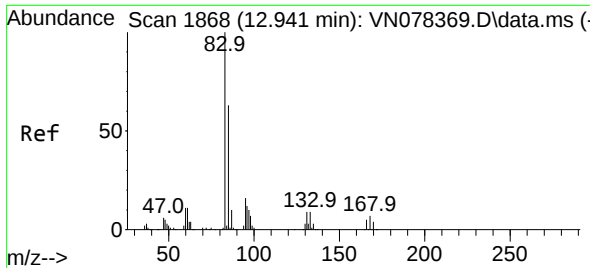
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#70
Isopropylbenzene
Concen: 4.948 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

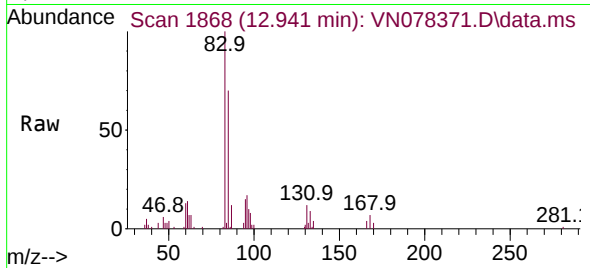
Tgt Ion:105 Resp: 95952
Ion Ratio Lower Upper
105 100
120 26.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.412 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

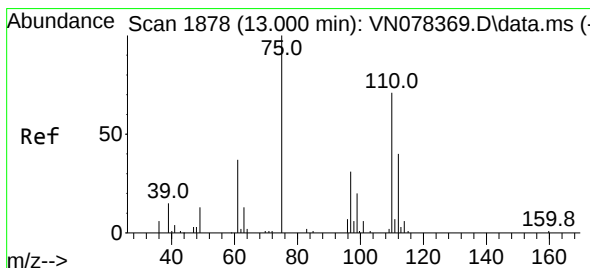
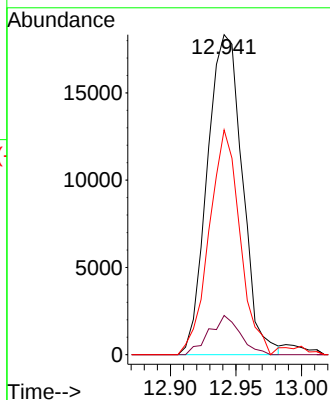
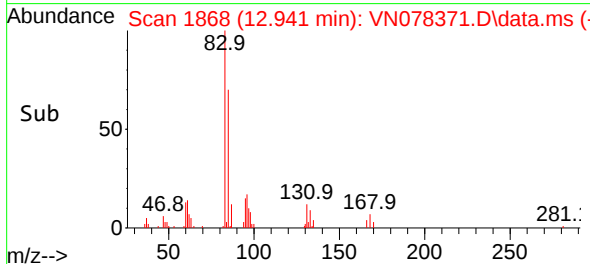
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 34120
Ion Ratio Lower Upper
83 100
131 10.7 4.8 14.4
85 61.6 32.6 98.0

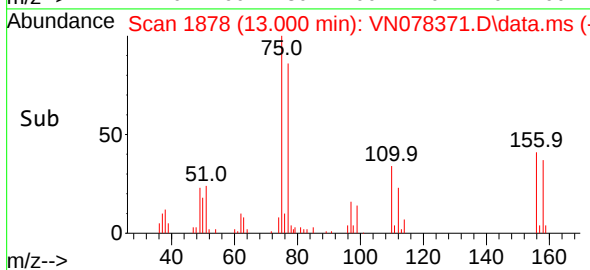
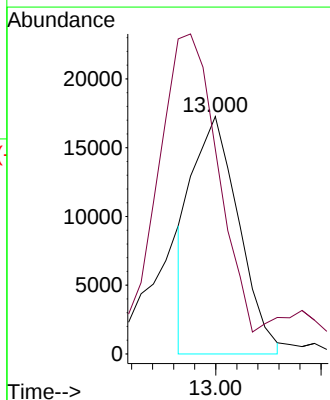
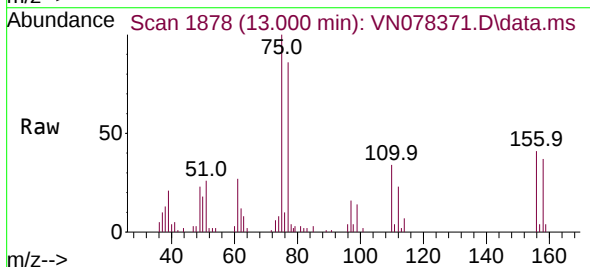
Manual Integrations
APPROVED

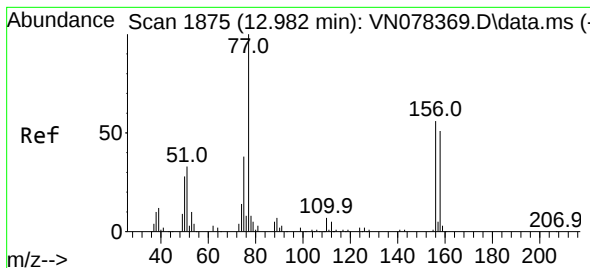
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#72
1,2,3-Trichloropropane
Concen: 4.797 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 75 Resp: 26664
Ion Ratio Lower Upper
75 100
77 179.4 0.0 387.4





#73

Bromobenzene

Concen: 4.992 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

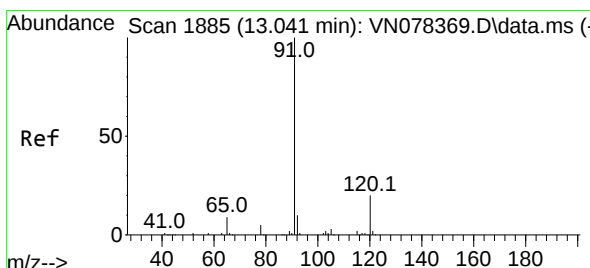
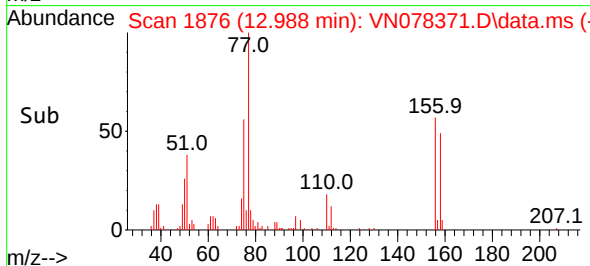
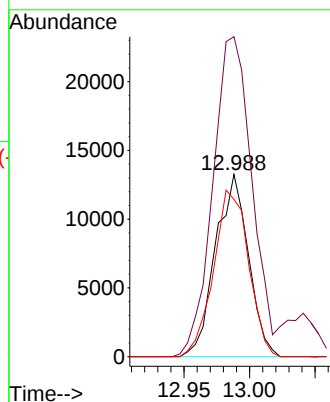
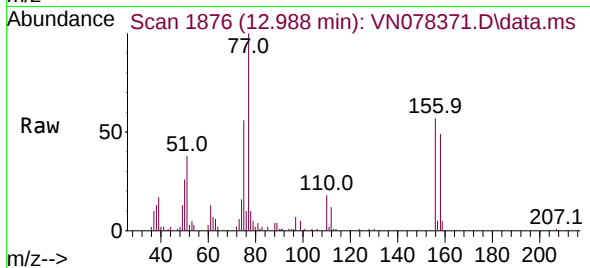
Tgt Ion:	156	Resp:	2314
Ion Ratio	Lower	Upper	
156	100		
77	206.7	0.0	420.8
158	97.1	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#74

n-propylbenzene

Concen: 4.694 ug/l

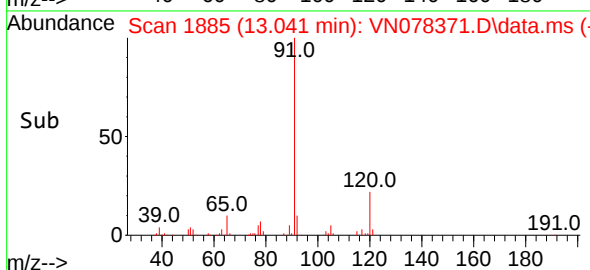
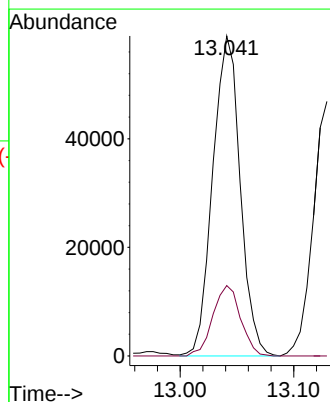
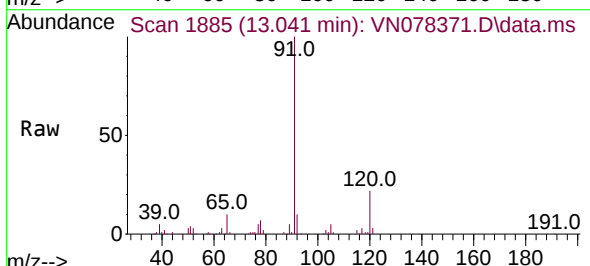
RT: 13.041 min Scan# 1885

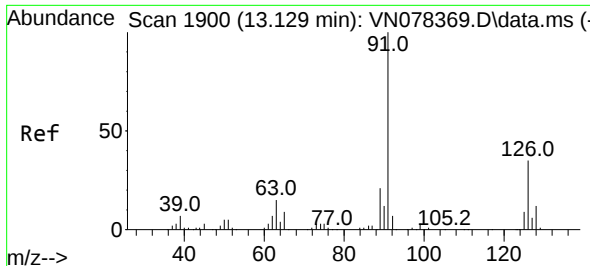
Delta R.T. 0.000 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Tgt Ion:	91	Resp:	98970
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	44.6





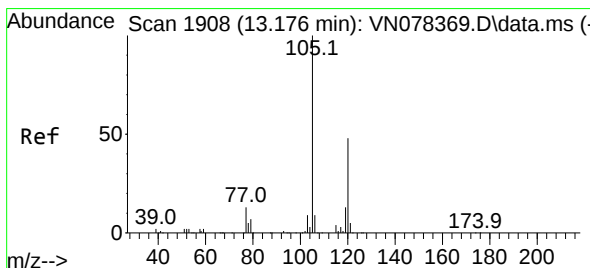
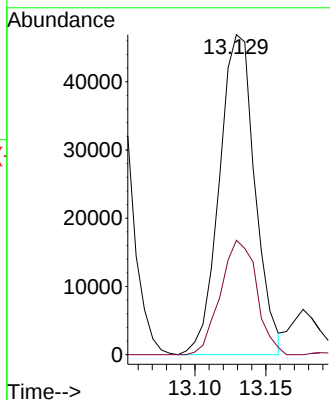
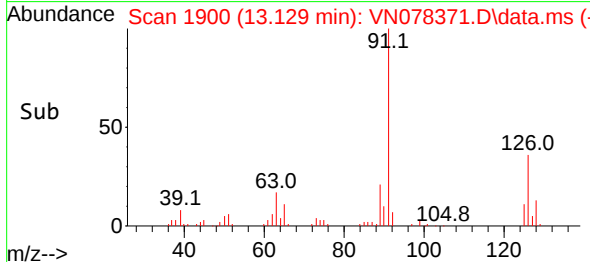
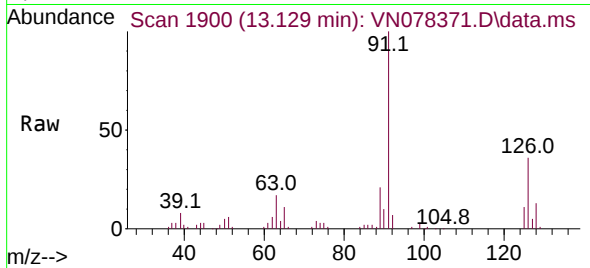
#75
2-Chlorotoluene
Concen: 5.743 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 81968
Ion Ratio Lower Upper
91 100
126 36.2 0.0 67.2

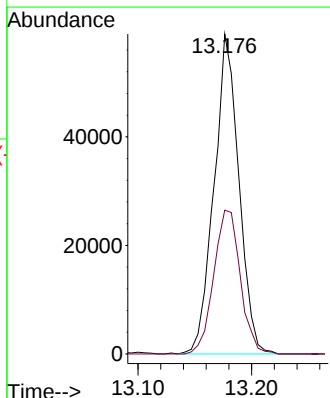
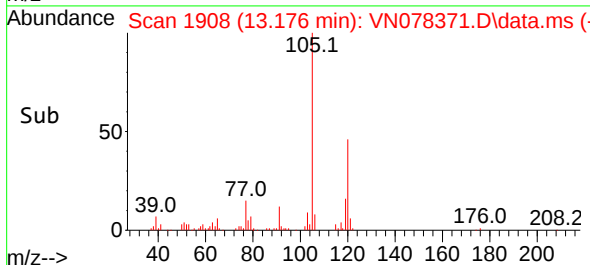
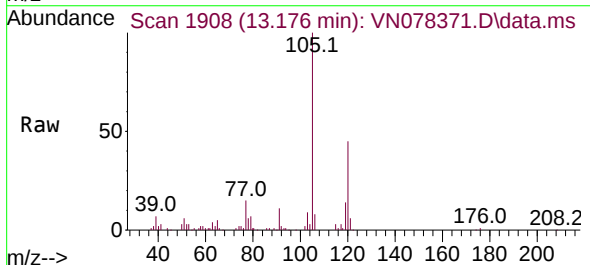
Manual Integrations
APPROVED

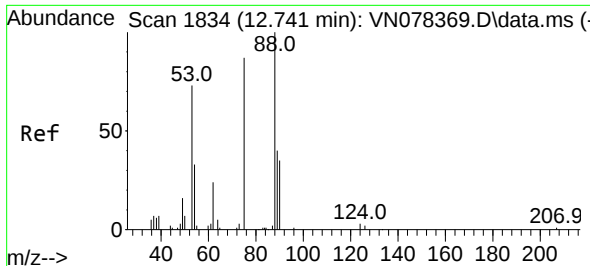
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 5.570 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

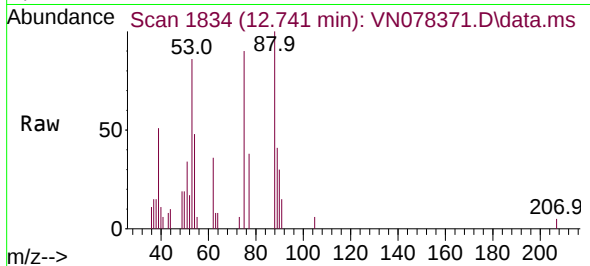
Tgt Ion:105 Resp: 89558
Ion Ratio Lower Upper
105 100
120 48.1 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 4.371 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

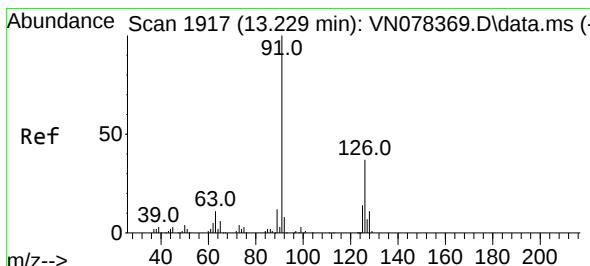
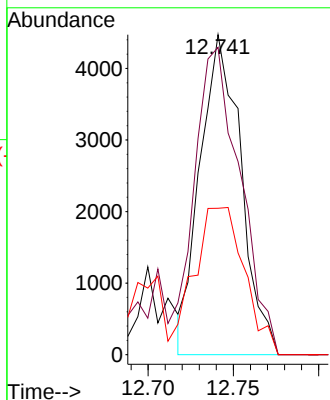
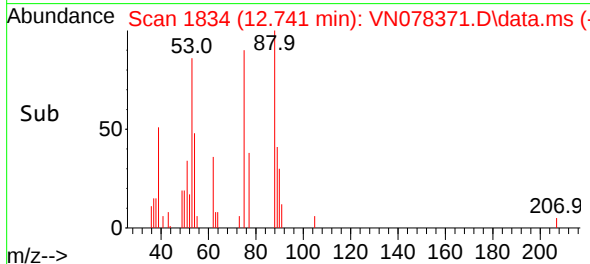
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 7420
Ion Ratio Lower Upper
75 100
53 96.0 41.6 124.9
89 45.7 25.1 75.4

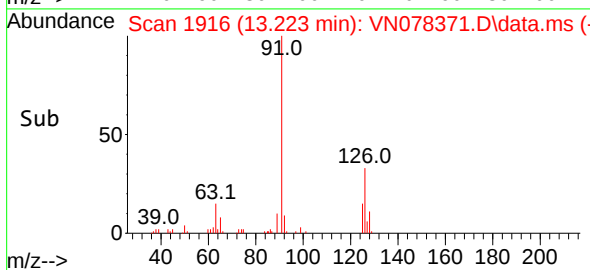
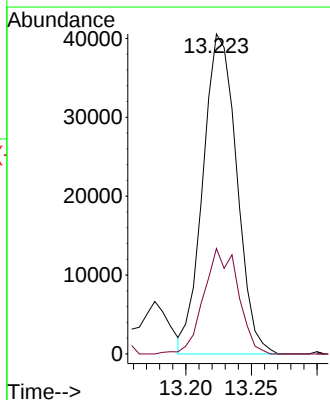
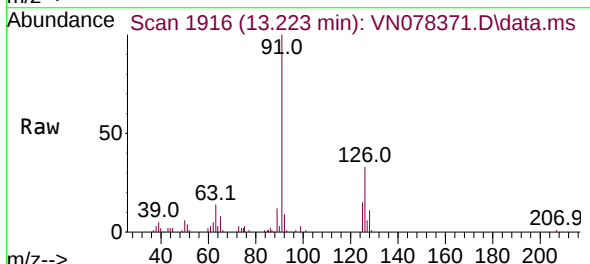
Manual Integrations
APPROVED

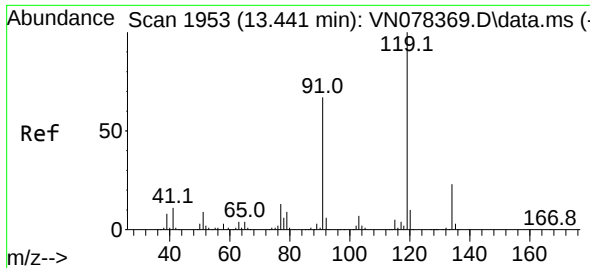
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#78
4-Chlorotoluene
Concen: 5.444 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion: 91 Resp: 72721
Ion Ratio Lower Upper
91 100
126 33.1 0.0 68.8





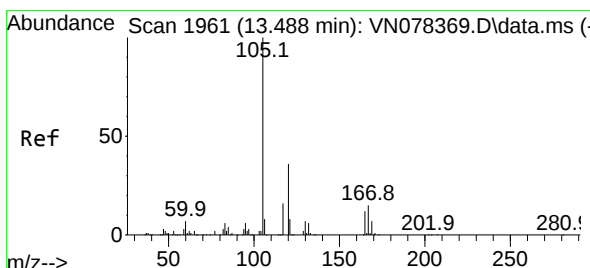
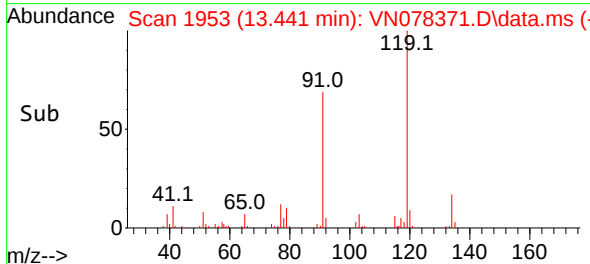
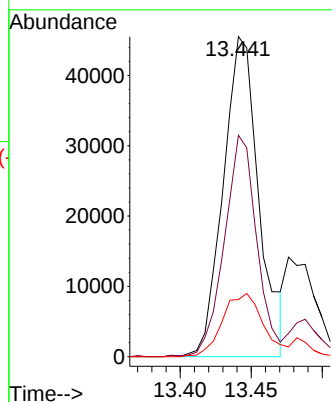
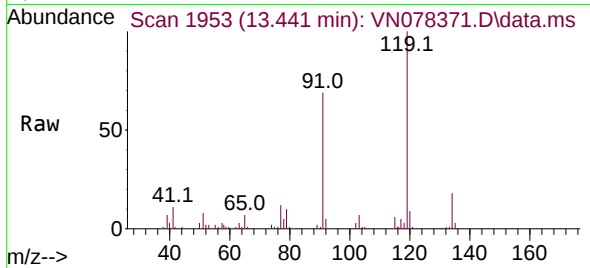
#79
tert-butylbenzene
Concen: 6.006 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 79439
Ion Ratio Lower Upper
119 100
91 62.8 0.0 126.6
134 22.7 0.0 44.0

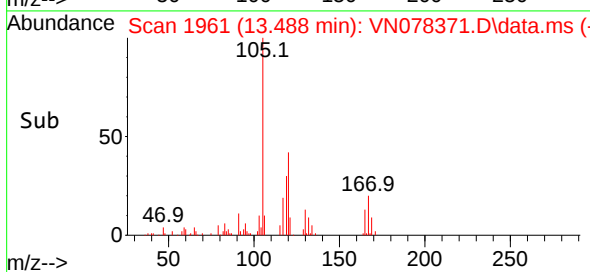
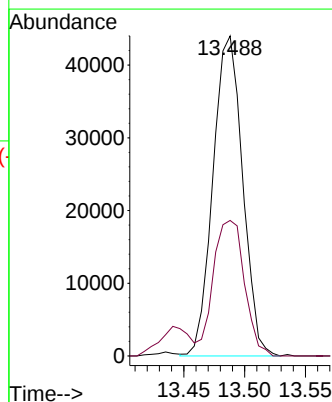
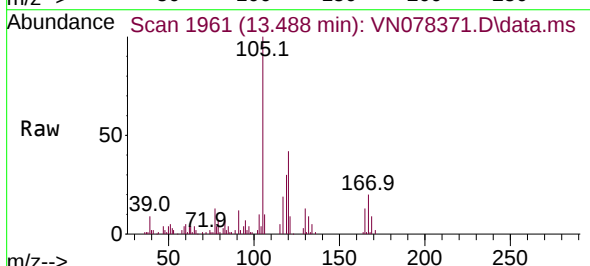
Manual Integrations
APPROVED

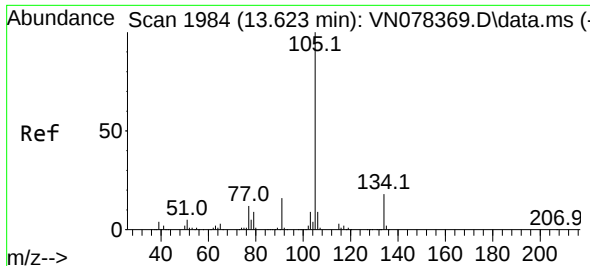
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#80
1,2,4-Trimethylbenzene
Concen: 4.908 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion:105 Resp: 74568
Ion Ratio Lower Upper
105 100
120 44.6 0.0 88.2





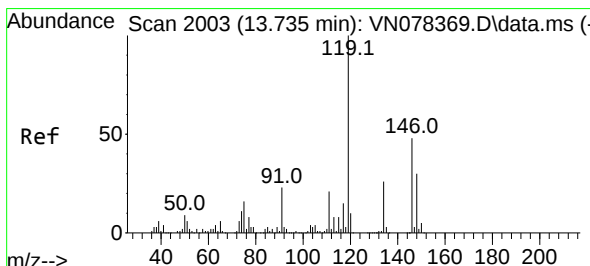
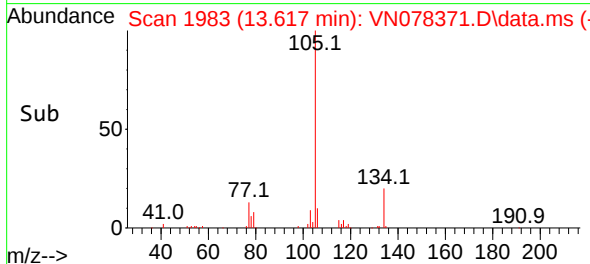
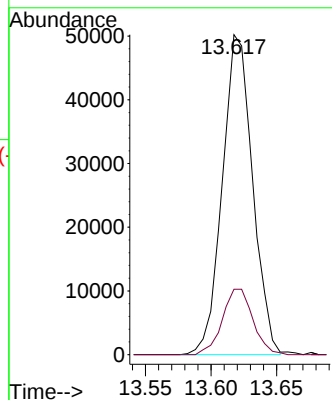
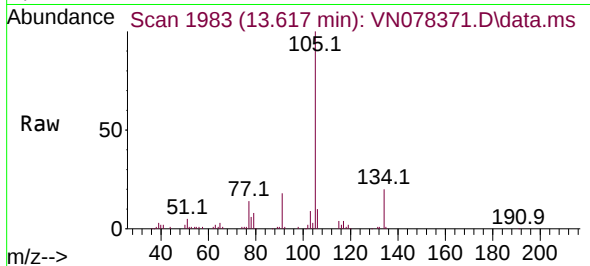
#81
 sec-Butylbenzene
 Concen: 4.883 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN078371.D
 Acq: 23 Jun 2023 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 8057
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 38.6

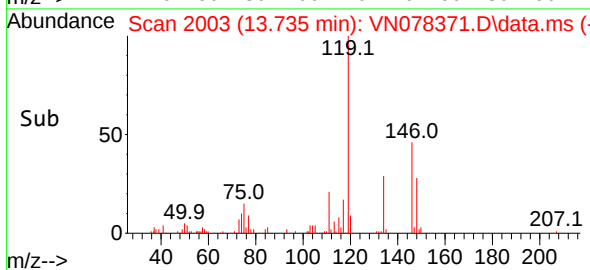
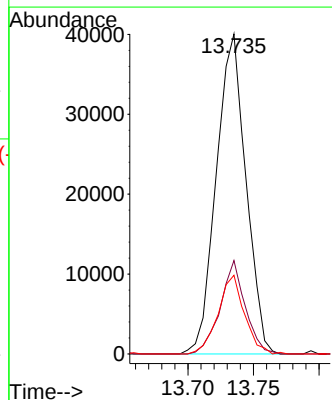
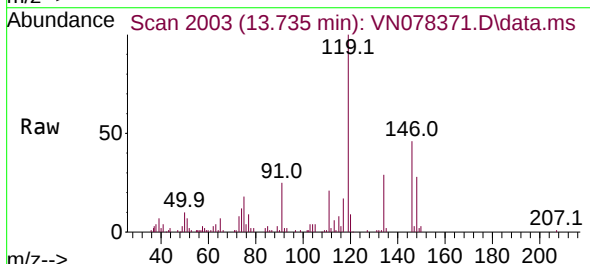
Manual Integrations
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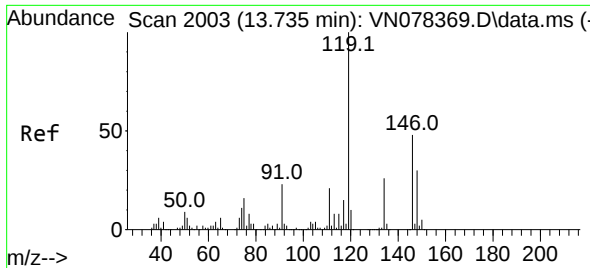
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#82
 p-Isopropyltoluene
 Concen: 4.745 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078371.D
 Acq: 23 Jun 2023 11:58

Tgt Ion:119 Resp: 62977
 Ion Ratio Lower Upper
 119 100
 134 24.6 0.0 52.4
 91 21.8 0.0 48.2





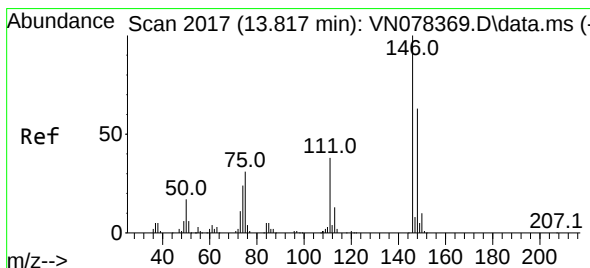
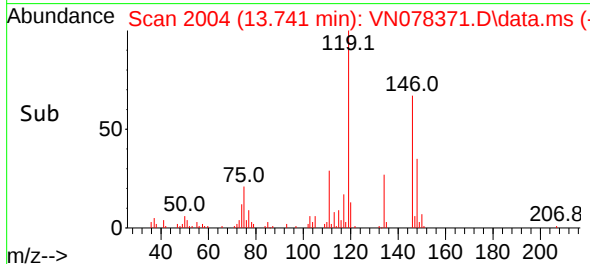
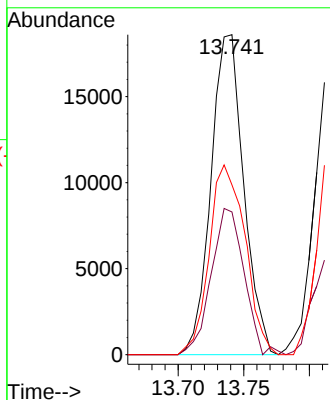
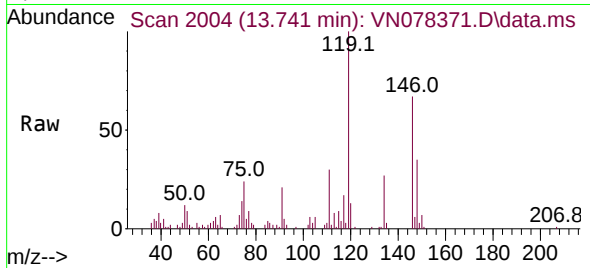
#83
1,3-Dichlorobenzene
Concen: 4.402 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 32340
Ion Ratio Lower Upper
146 100
111 45.1 21.6 64.6
148 65.0 31.9 95.5

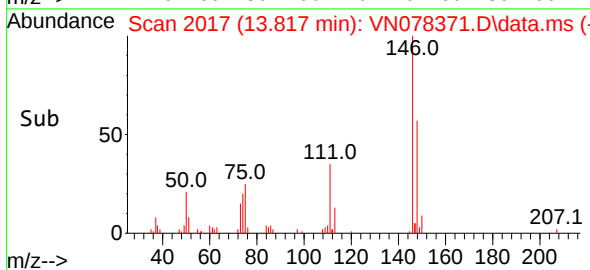
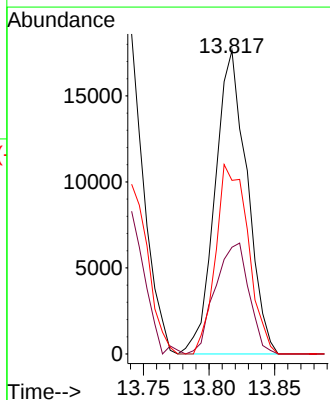
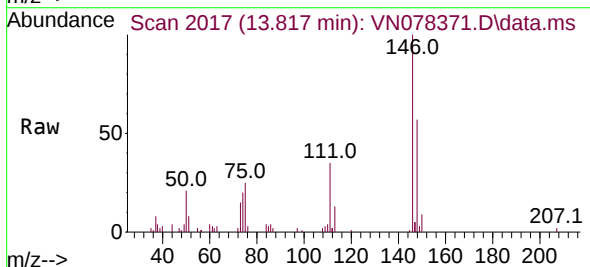
Manual Integrations
APPROVED

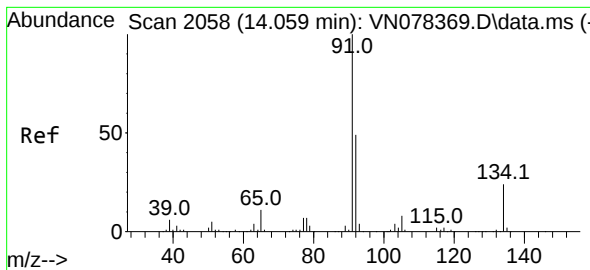
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#84
1,4-Dichlorobenzene
Concen: 4.215 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Tgt Ion:146 Resp: 29946
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 63.2 31.4 94.3





#85

n-Butylbenzene

Concen: 4.401 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

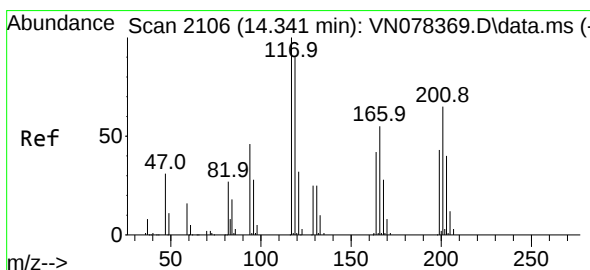
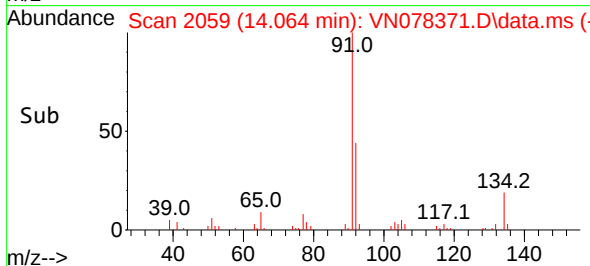
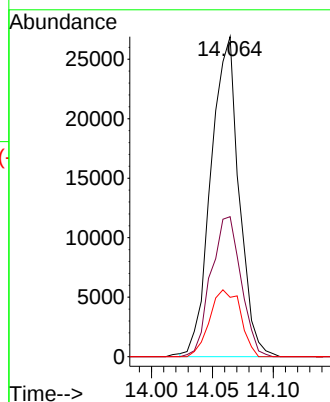
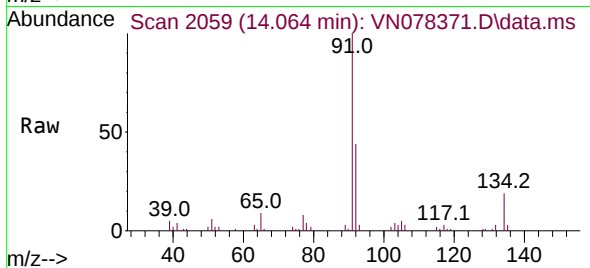
Tgt Ion: 91	Resp: 4314
Ion Ratio	Lower Upper
91 100	
92 46.7	0.0 99.6
134 23.0	0.0 50.0

Manual Integrations

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Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#86

Hexachloroethane

Concen: 5.183 ug/l

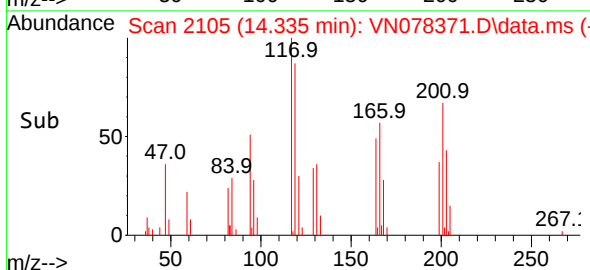
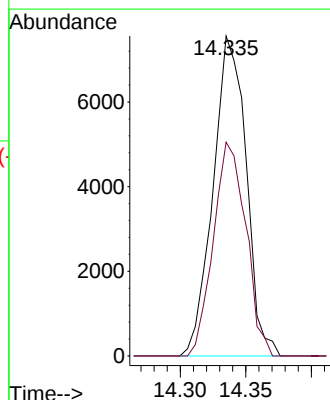
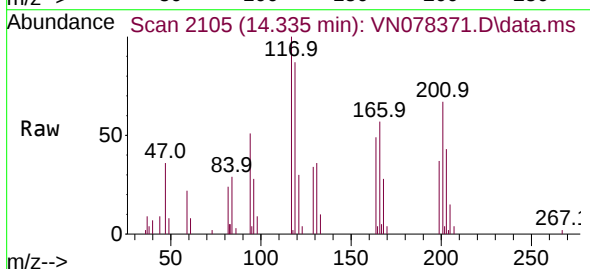
RT: 14.335 min Scan# 2105

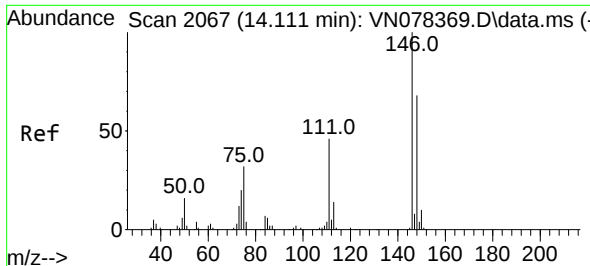
Delta R.T. -0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Tgt Ion: 117	Resp: 13240
Ion Ratio	Lower Upper
117 100	
201 65.7	34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 4.436 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

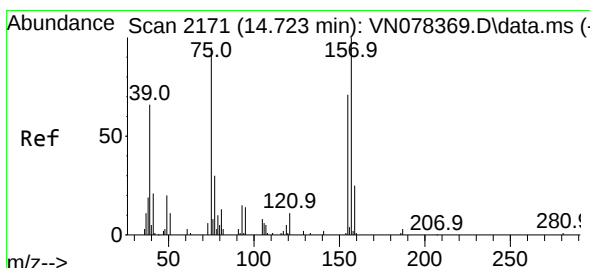
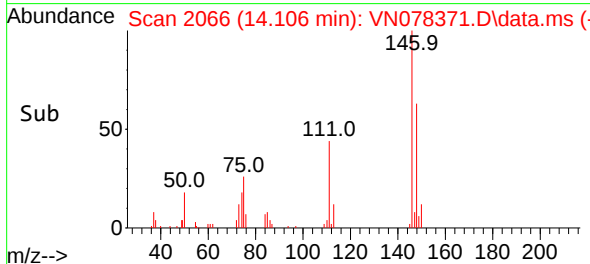
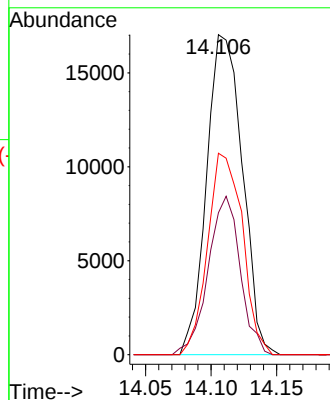
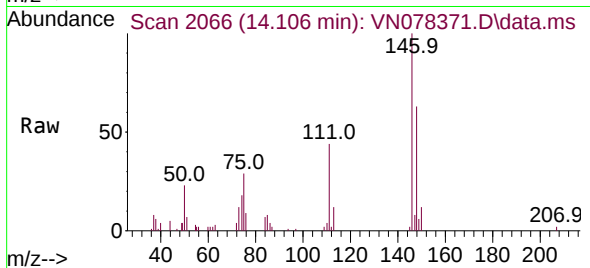
Tgt Ion:146 Resp: 32308
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.4 67.3
 148 61.3 33.4 100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.252 ug/l

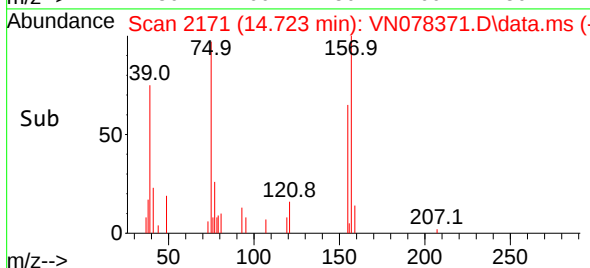
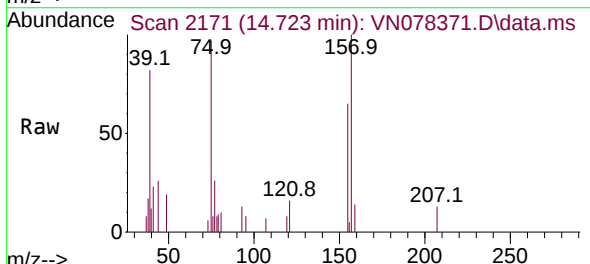
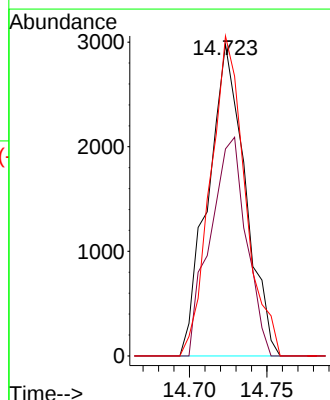
RT: 14.723 min Scan# 2171

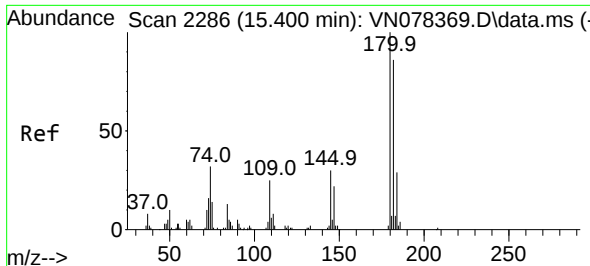
Delta R.T. 0.000 min

Lab File: VN078371.D

Acq: 23 Jun 2023 11:58

Tgt Ion: 75 Resp: 4990
 Ion Ratio Lower Upper
 75 100
 155 68.0 68.2 102.2#
 157 95.5 84.7 127.1





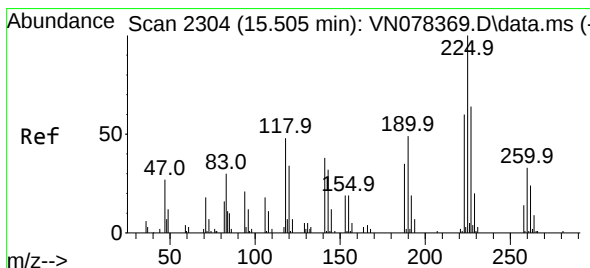
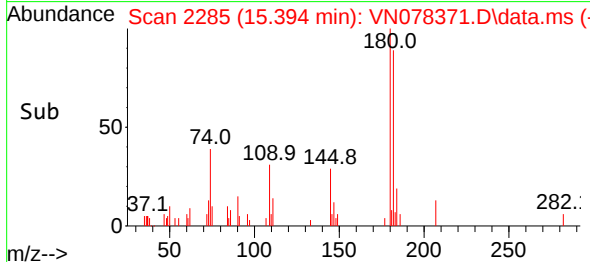
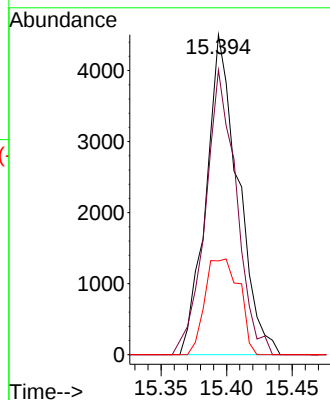
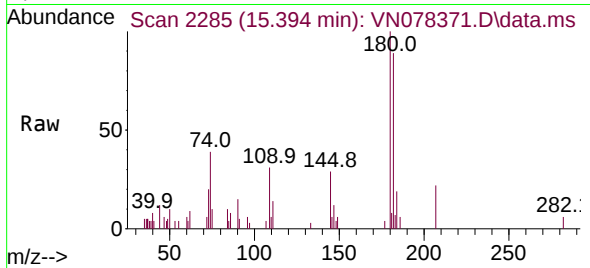
#89
1,2,4-Trichlorobenzene
Concen: 3.451 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 7664
Ion Ratio Lower Upper
180 100
182 85.9 73.7 110.5
145 32.2 25.0 37.6

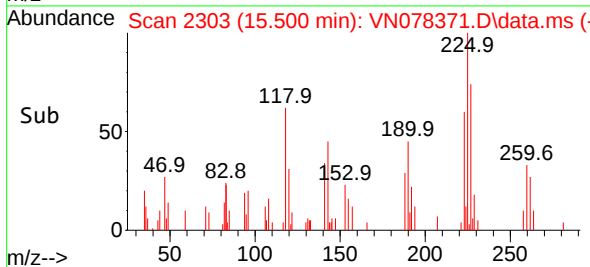
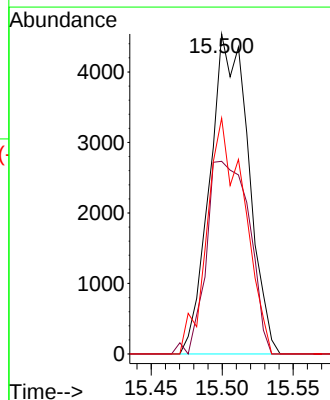
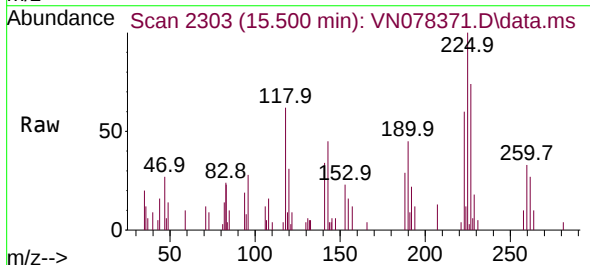
Manual Integrations
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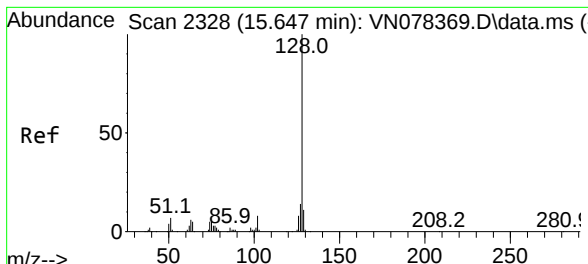
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#90
Hexachlorobutadiene
Concen: 5.703 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

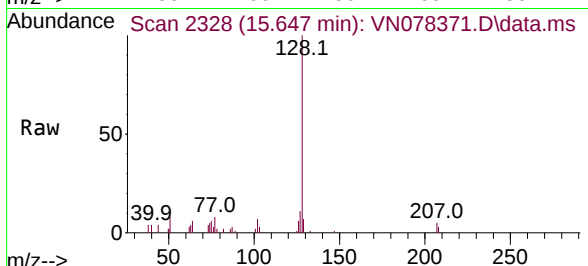
Tgt Ion:225 Resp: 8611
Ion Ratio Lower Upper
225 100
223 65.9 0.0 130.0
227 70.6 0.0 124.0





#91
Naphthalene
Concen: 3.653 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58

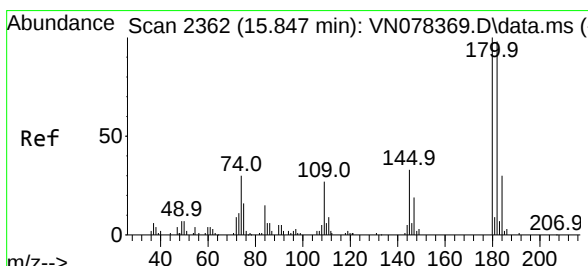
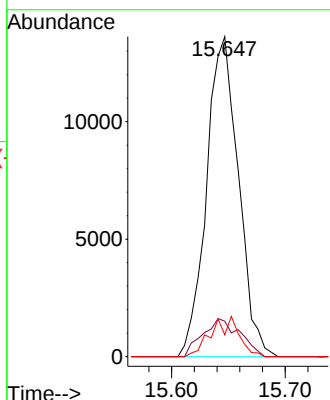
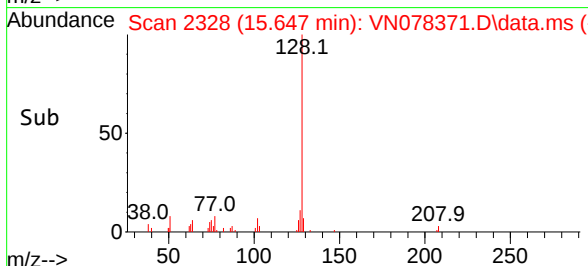
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



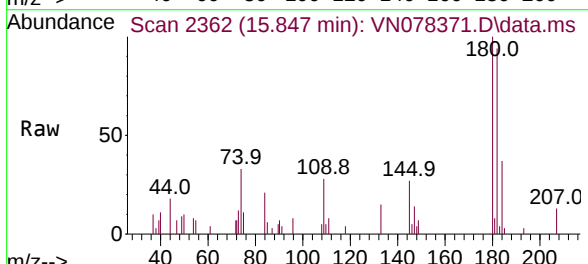
Tgt Ion:128 Resp: 2658
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 10.9 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 3.806 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078371.D
Acq: 23 Jun 2023 11:58



Tgt Ion:180 Resp: 9779
Ion Ratio Lower Upper
180 100
182 96.0 0.0 196.4
145 32.7 0.0 71.0

