

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078385.D
 Acq On : 23 Jun 2023 18:03
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 01:25:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	76469	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	440525	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	382813	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	173187	30.075	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.267%			
60) 4-Bromofluorobenzene	12.853	95	160885	29.830	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.433%			
63) Toluene-d8	10.571	98	543863	29.322	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.733%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	91139	19.678	ug/l	97
3) Chloromethane	2.371	50	113893	20.391	ug/l	98
4) Vinyl Chloride	2.518	62	139114	20.248	ug/l	100
5) Bromomethane	2.971	94	78534	14.060	ug/l	99
6) Chloroethane	3.124	64	87933	17.968	ug/l	96
7) Trichlorofluoromethane	3.506	101	220201	27.231	ug/l	97
8) Diethyl Ether	3.971	74	52334	19.388	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.383	101	85648	19.488	ug/l	75
10) 1,1-Dichloroethene	4.348	96	85922	19.935	ug/l	96
11) Methyl Iodide	4.595	142	89359	14.634	ug/l	97
12) Methyl Acetate	5.042	43	133144	19.912	ug/l	94
13) Acrolein	4.200	56	82548m	98.591	ug/l	
14) Acrylonitrile	5.742	53	184467	101.836	ug/l	100
15) Acetone	4.436	58	50129m	97.050	ug/l	
16) Carbon Disulfide	4.724	76	218240	18.530	ug/l	98
17) Allyl chloride	5.036	41	103706	19.183	ug/l	97
18) Methylene Chloride	5.283	84	99884m	19.557	ug/l	
19) trans-1,2-Dichloroethene	5.794	96	92843	19.518	ug/l	91
20) Diisopropyl ether	6.683	45	262324	20.201	ug/l	97
21) 1,1-Dichloroethane	6.577	63	168167	19.524	ug/l	96
22) cis-1,2-Dichloroethene	7.494	96	107648	19.893	ug/l	95
23) tert-Butyl Alcohol	5.542	59	62914	92.978	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	269991m	19.866	ug/l	
25) Chloroform	7.971	83	184744	20.295	ug/l	92
26) Cyclohexane	8.265	56	117193	19.011	ug/l #	99
29) 1,1-Dichloropropene	8.383	75	127388	18.654	ug/l	99
30) 2-Butanone	7.494	43	239802	100.184	ug/l	99
31) 2,2-Dichloropropane	7.500	77	131404	17.997	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	161127	19.364	ug/l	100
33) Carbon Tetrachloride	8.371	117	140400	19.352	ug/l	93
34) Benzene	8.612	78	395697	19.431	ug/l	95
35) Methacrylonitrile	7.783	41	56153	20.462	ug/l	86
36) 1,2-Dichloroethane	8.677	62	132142	19.033	ug/l	100
37) Trichloroethene	9.365	130	99441	19.113	ug/l	100
38) Methylcyclohexane	9.612	83	110128	18.356	ug/l	98
39) 1,2-Dichloropropane	9.624	63	99430	19.492	ug/l	90
40) Dibromomethane	9.712	93	71895	19.531	ug/l	96
41) Bromodichloromethane	9.894	83	140460	19.642	ug/l	95
42) Vinyl Acetate	6.618	43	743380	97.492	ug/l	99

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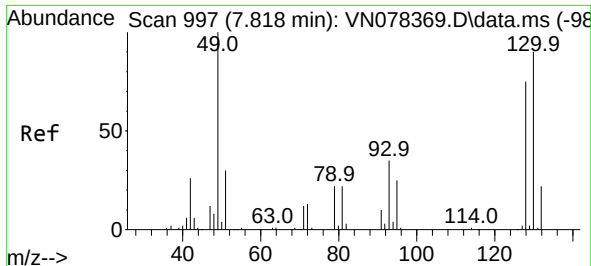
Manual Integrations
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Reviewed By : John Carlone 06/24/2023
 Supervised By : Mahesh Dadoda 06/26/2023

Quant Time: Jun 24 01:25:07 2023
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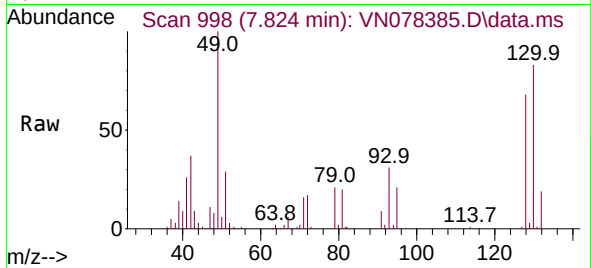
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	106613	21.154	ug/l	99
44) Isopropyl Acetate	8.694	43	186910	20.533	ug/l	98
45) 1,4-Dioxane	9.700	88	31185	388.319	ug/l #	88
46) Methyl methacrylate	9.688	41	78854	19.460	ug/l	100
47) n-amyl Acetate	12.500	43	133025	19.880	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	138442	18.858	ug/l	94
49) cis-1,3-Dichloropropene	10.318	75	153374	18.955	ug/l	96
50) 1,1,2-Trichloroethane	11.024	97	96675	19.591	ug/l #	90
51) Ethyl methacrylate	10.882	69	130853	19.384	ug/l	95
52) 1,3-Dichloropropane	11.171	76	164957	19.917	ug/l	98
53) Dibromochloromethane	11.365	129	102025	19.493	ug/l	99
54) 1,2-Dibromoethane	11.471	107	99404	19.986	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	275393	110.577	ug/l	97
56) Bromoform	12.582	173	62873	19.624	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	519851	101.690	ug/l	99
59) 2-Hexanone	11.200	43	366737	103.874	ug/l	98
61) Tetrachloroethene	11.112	164	79022	18.838	ug/l	95
62) Toluene	10.635	91	432997	19.435	ug/l	99
64) Chlorobenzene	11.894	112	256527	19.426	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	97317	19.112	ug/l	99
66) Ethyl Benzene	11.971	91	438867	19.359	ug/l	96
67) m/p-Xylenes	12.076	106	333743	38.935	ug/l	100
68) o-Xylene	12.400	106	165302	19.887	ug/l	99
69) Styrene	12.418	104	258190	19.618	ug/l	99
70) Isopropylbenzene	12.700	105	393307	19.256	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	137025	20.630	ug/l	95
72) 1,2,3-Trichloropropane	12.994	75	106514m	19.239	ug/l	
73) Bromobenzene	12.982	156	93388	19.124	ug/l	97
74) n-propylbenzene	13.041	91	421642	18.984	ug/l	98
75) 2-Chlorotoluene	13.129	91	285815	19.010	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	315788	18.646	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	30681	17.145	ug/l	95
78) 4-Chlorotoluene	13.229	91	259978	18.478	ug/l	100
79) tert-butylbenzene	13.441	119	270284	19.400	ug/l	100
80) 1,2,4-Trimethylbenzene	13.488	105	316213	19.759	ug/l	99
81) sec-Butylbenzene	13.618	105	333089	19.164	ug/l	99
82) p-Isopropyltoluene	13.735	119	277482	19.848	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	153233	19.798	ug/l	97
84) 1,4-Dichlorobenzene	13.818	146	142663	19.064	ug/l	98
85) n-Butylbenzene	14.059	91	192269	18.619	ug/l	100
86) Hexachloroethane	14.335	117	50940	18.931	ug/l	92
87) 1,2-Dichlorobenzene	14.112	146	154015	20.075	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.729	75	20108	20.092	ug/l	96
89) 1,2,4-Trichlorobenzene	15.394	180	39809	17.018	ug/l	98
90) Hexachlorobutadiene	15.506	225	28256	17.766	ug/l	96
91) Naphthalene	15.647	128	126603	16.516	ug/l	97
92) 1,2,3-Trichlorobenzene	15.847	180	49498	18.290	ug/l	95

(#) = 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: VN078385.D
Acq: 23 Jun 2023 18:03

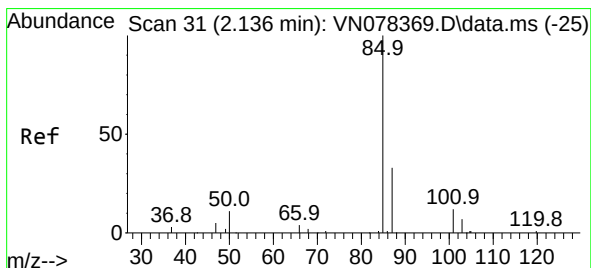
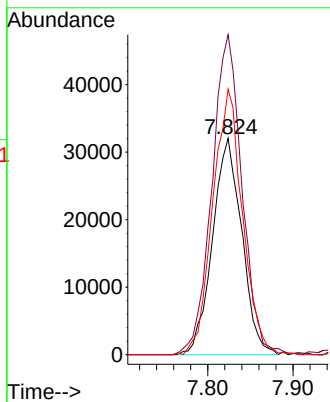
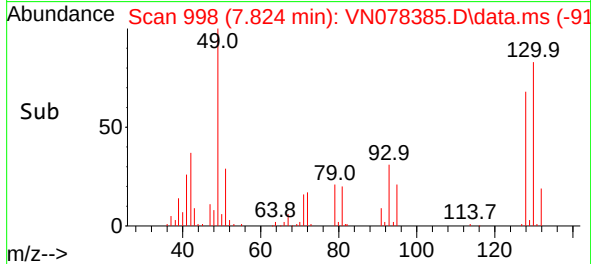
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 76469
Ion Ratio Lower Upper
128 100
49 151.9 0.0 370.8
130 124.6 0.0 307.0

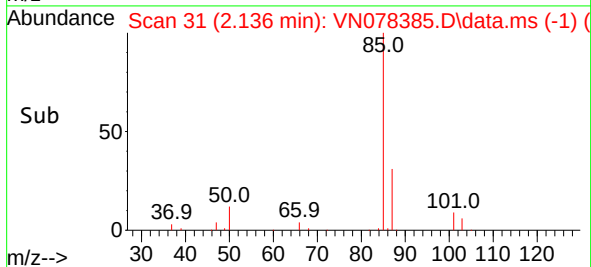
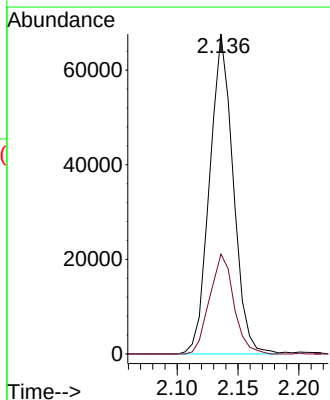
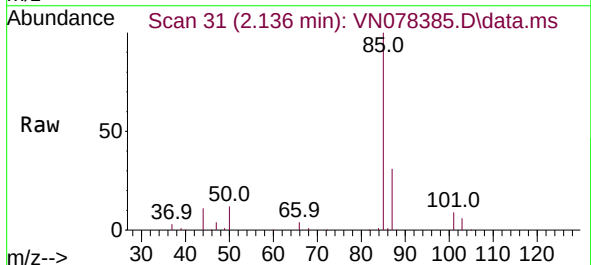
Manual Integrations
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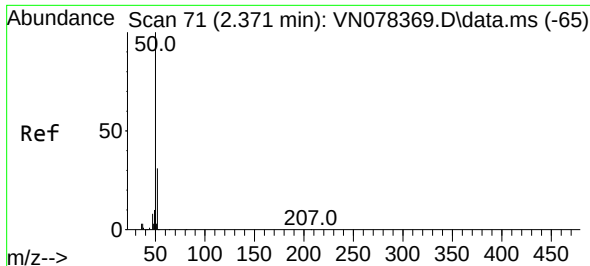
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#2
Dichlorodifluoromethane
Concen: 19.678 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

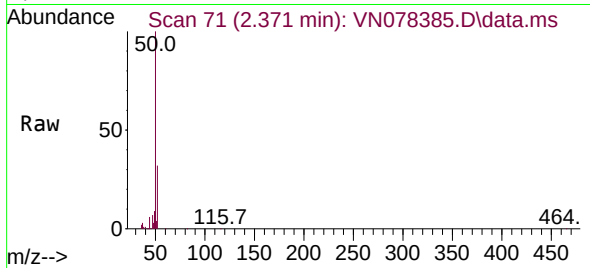
Tgt Ion: 85 Resp: 91139
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.4





#3
Chloromethane
Concen: 20.391 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

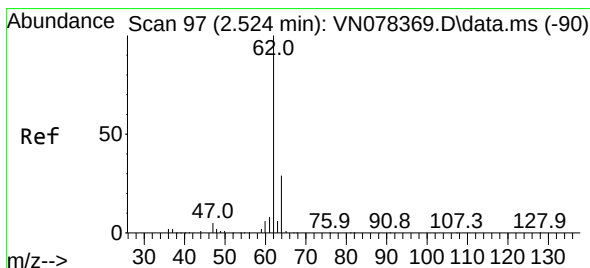
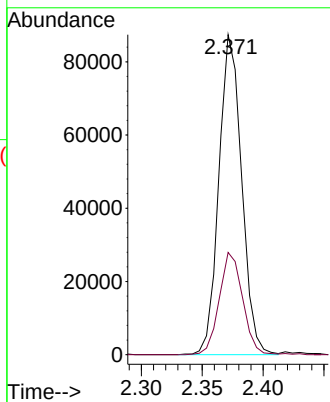
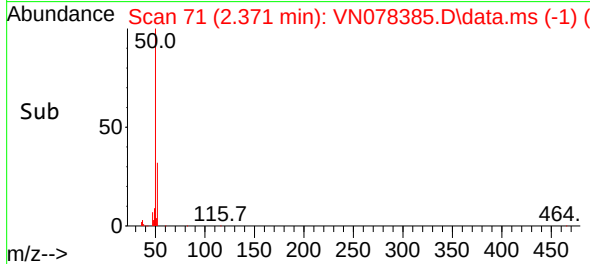
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 11389
Ion Ratio Lower Upper
50 100
52 32.0 24.6 36.8

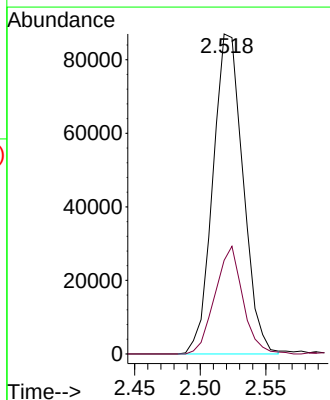
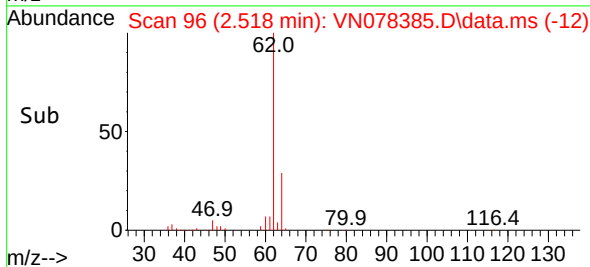
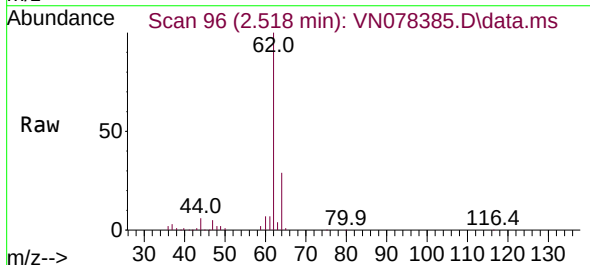
Manual Integrations
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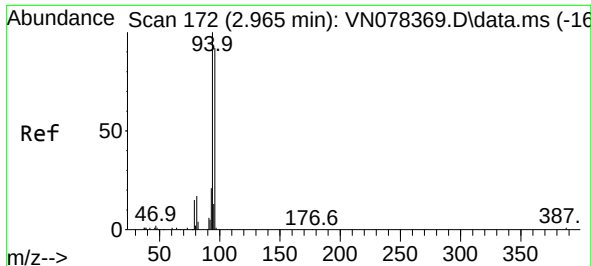
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#4
Vinyl Chloride
Concen: 20.248 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

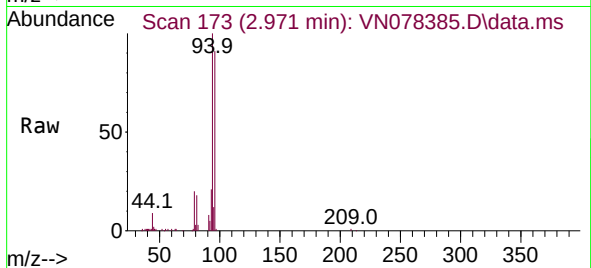
Tgt Ion: 62 Resp: 139114
Ion Ratio Lower Upper
62 100
64 29.3 23.3 34.9





#5
Bromomethane
Concen: 14.060 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

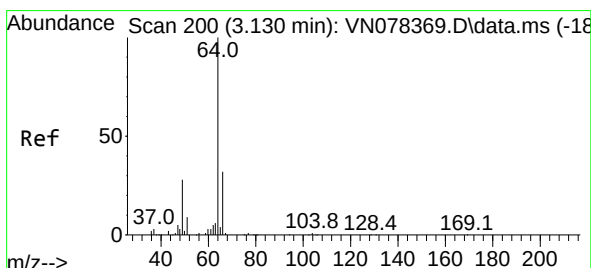
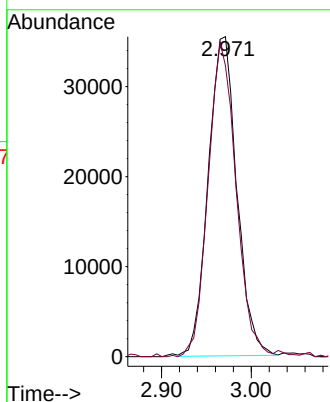
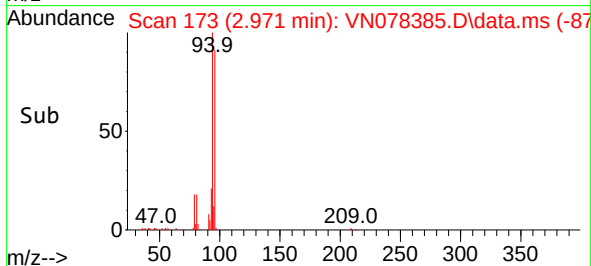
Instrument :
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ClientSampleId :
VSTDCCC020EC



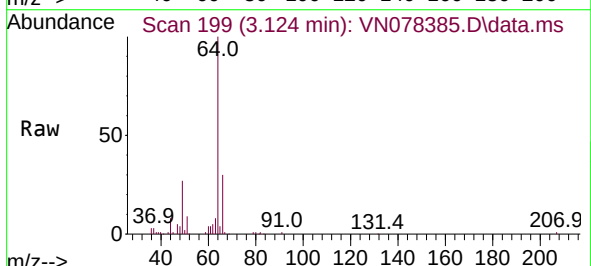
Tgt Ion: 94 Resp: 78534
Ion Ratio Lower Upper
94 100
96 91.4 73.9 110.9

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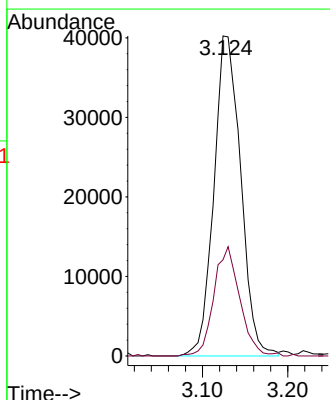
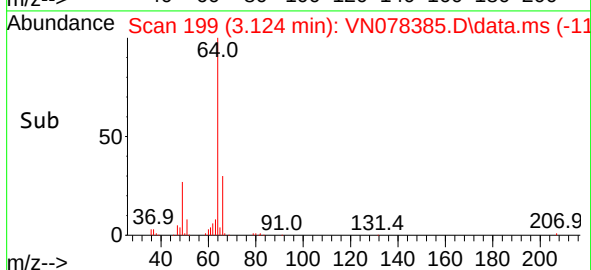
Reviewed By :John Carlone 06/24/2023
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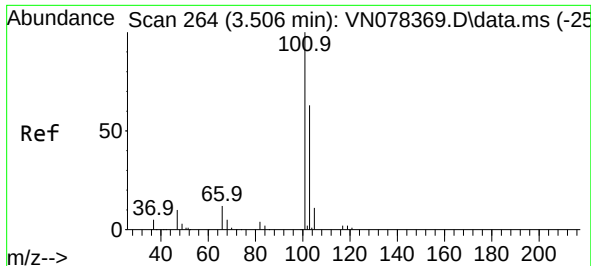


#6
Chloroethane
Concen: 17.968 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



Tgt Ion: 64 Resp: 87933
Ion Ratio Lower Upper
64 100
66 30.1 25.7 38.5





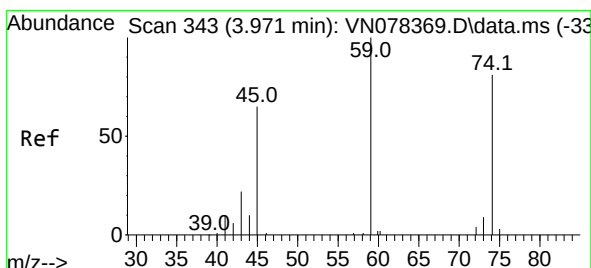
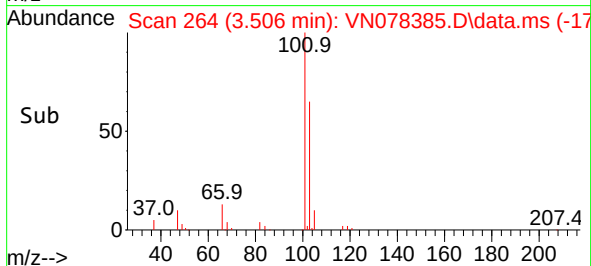
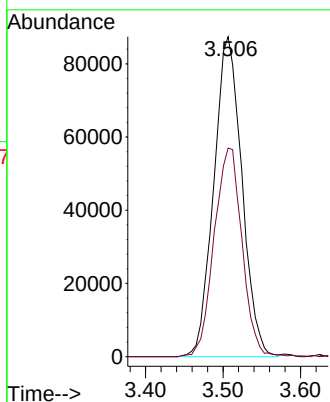
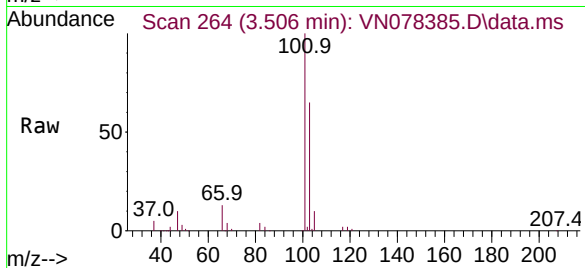
#7
Trichlorofluoromethane
Concen: 27.231 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
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Tgt Ion:101 Resp: 22020
Ion Ratio Lower Upper
101 100
103 65.2 50.4 75.6

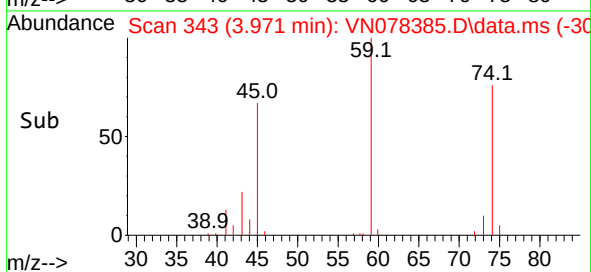
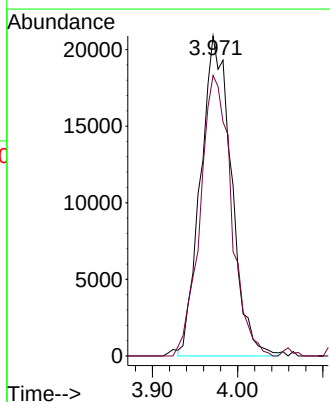
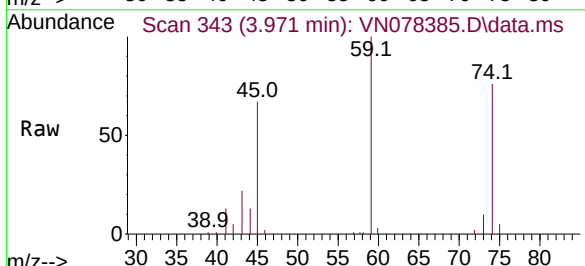
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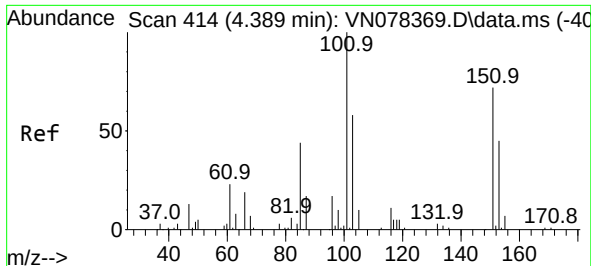
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#8
Diethyl Ether
Concen: 19.388 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

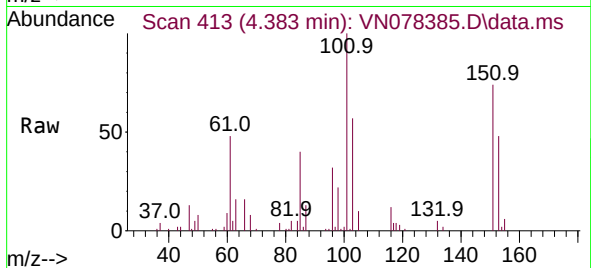
Tgt Ion: 74 Resp: 52334
Ion Ratio Lower Upper
74 100
45 88.7 16.3 146.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.488 ug/l
RT: 4.383 min Scan# 414
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

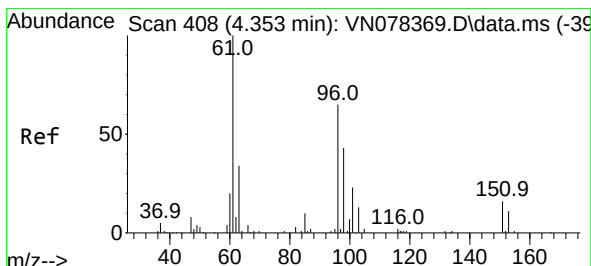
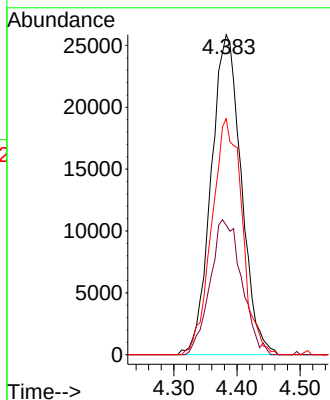
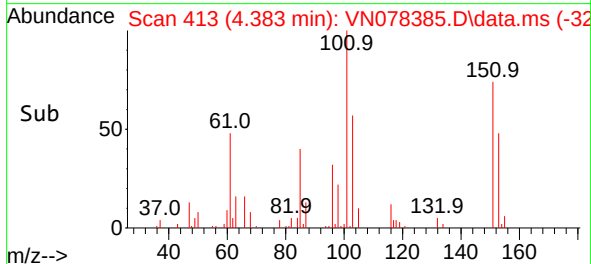
Instrument :
MSVOA_N
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VSTDCCC020EC



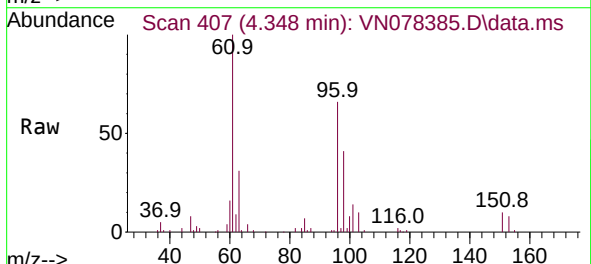
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Ion Ratio Lower Upper
101 100
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151 53.3 0.0 148.8

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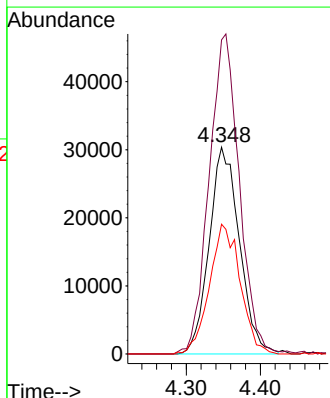
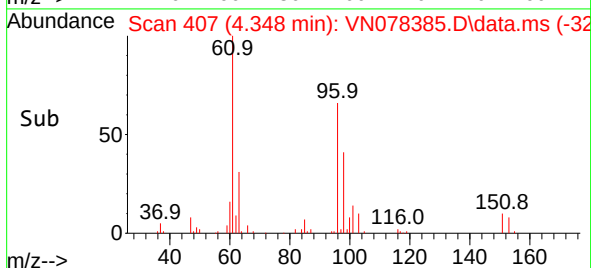
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

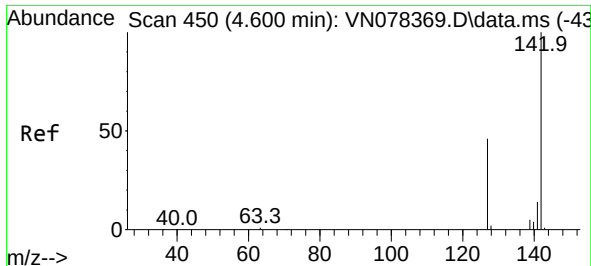


#10
1,1-Dichloroethene
Concen: 19.935 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



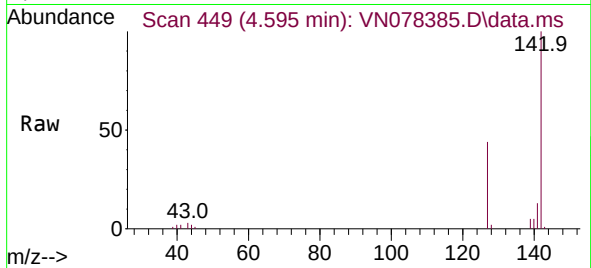
Tgt Ion: 96 Resp: 85922
Ion Ratio Lower Upper
96 100
61 150.8 123.4 185.2
98 62.8 53.7 80.5





#11
Methyl Iodide
Concen: 14.634 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

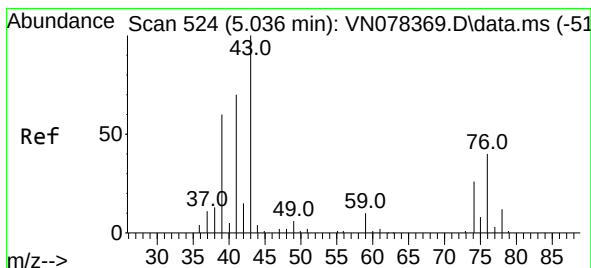
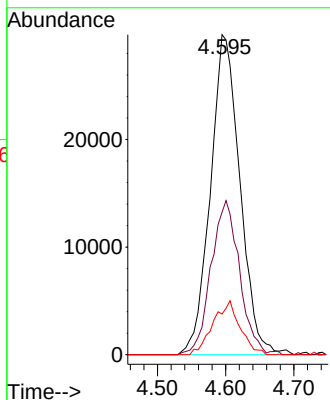
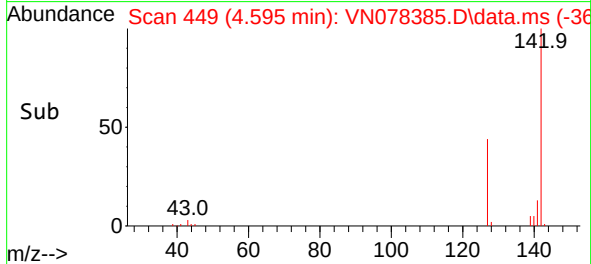
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 8935
Ion Ratio Lower Upper
142 100
127 44.2 23.2 69.5
141 12.8 7.2 21.7

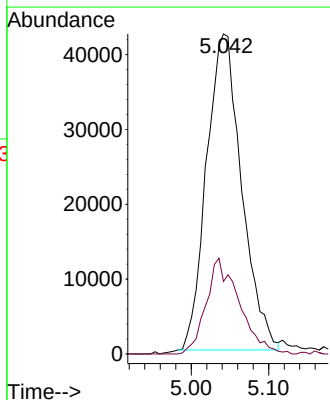
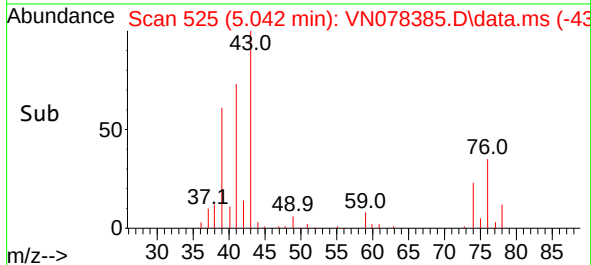
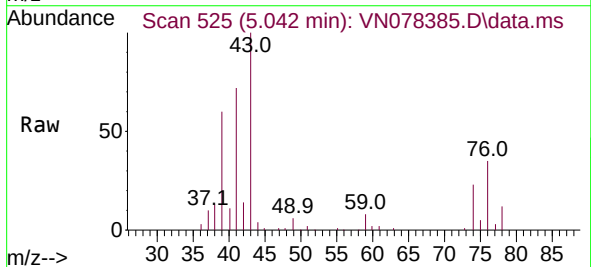
Manual Integrations
APPROVED

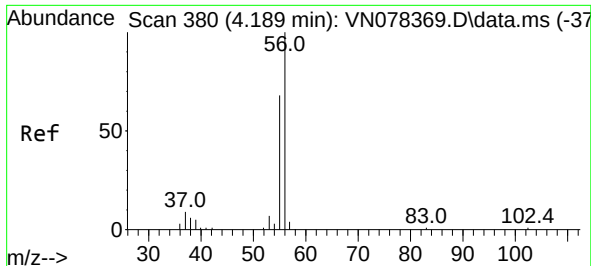
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#12
Methyl Acetate
Concen: 19.912 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

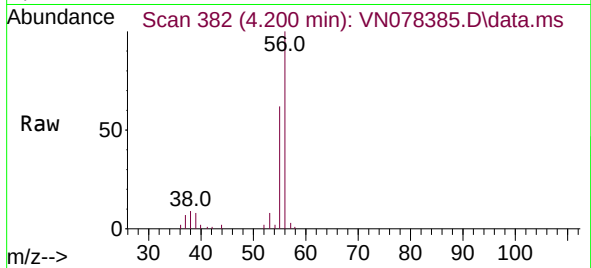
Tgt Ion: 43 Resp: 133144
Ion Ratio Lower Upper
43 100
74 22.8 20.5 30.7





#13
Acrolein
Concen: 98.591 ug/l m
RT: 4.200 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

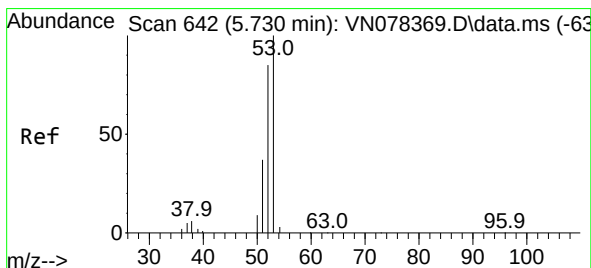
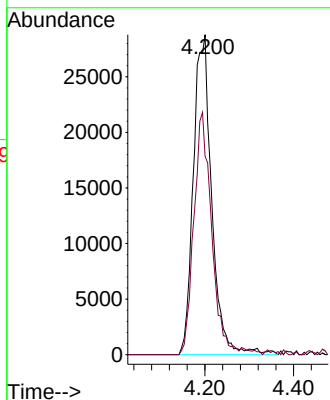
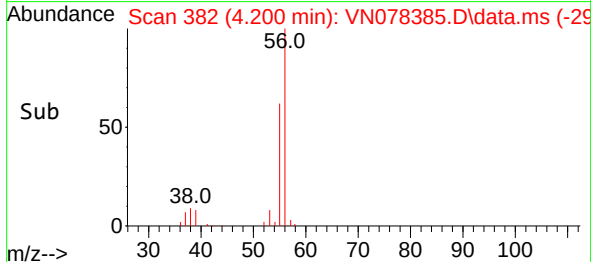
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



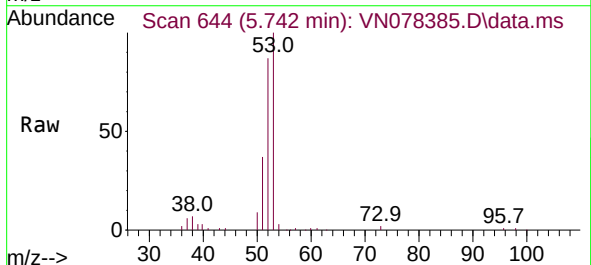
Tgt Ion: 56 Resp: 82548
Ion Ratio Lower Upper
56 100
55 0.4 59.0 88.4

Manual Integrations
APPROVED

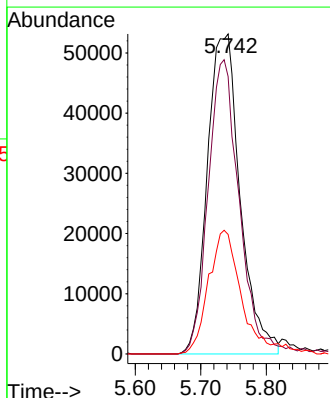
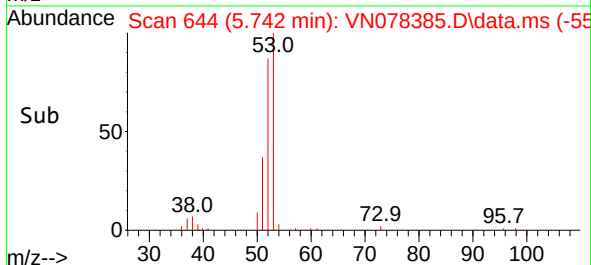
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

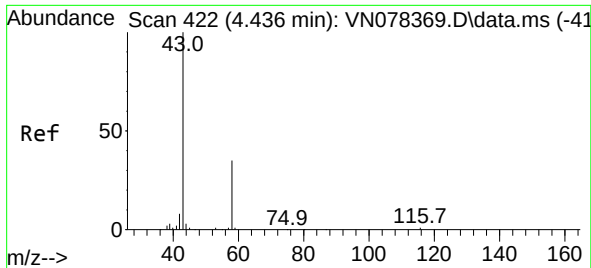


#14
Acrylonitrile
Concen: 101.836 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



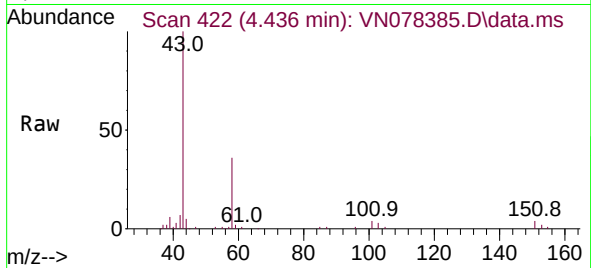
Tgt Ion: 53 Resp: 184467
Ion Ratio Lower Upper
53 100
52 84.8 42.3 126.9
51 37.6 18.4 55.4





#15
Acetone
Concen: 97.050 ug/l m
RT: 4.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

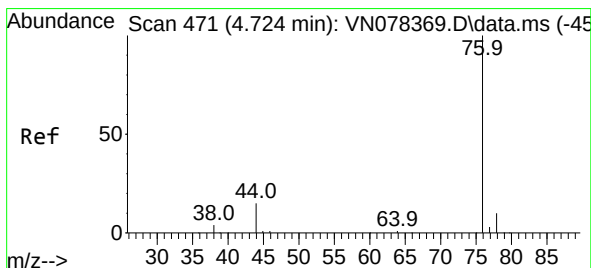
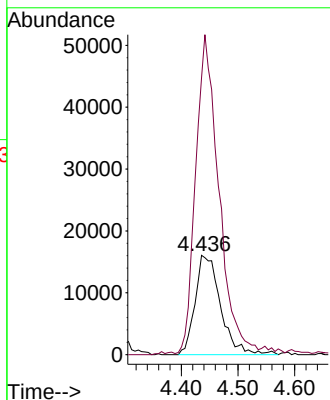
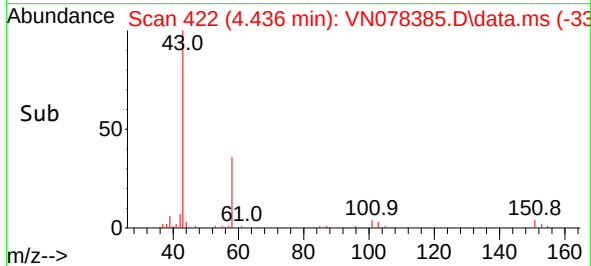
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 50129
Ion Ratio Lower Upper
58 100
43 279.0 227.5 341.3

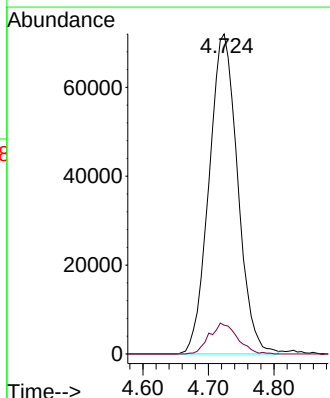
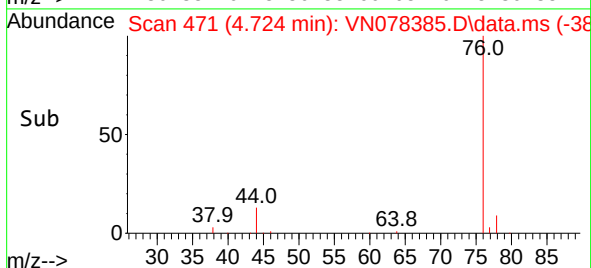
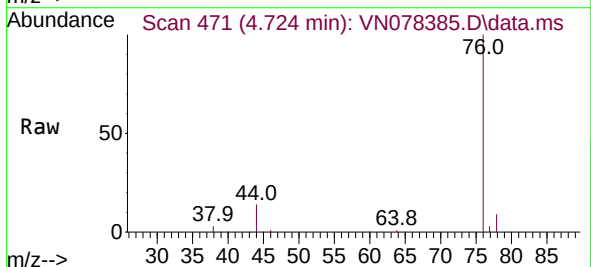
Manual Integrations
APPROVED

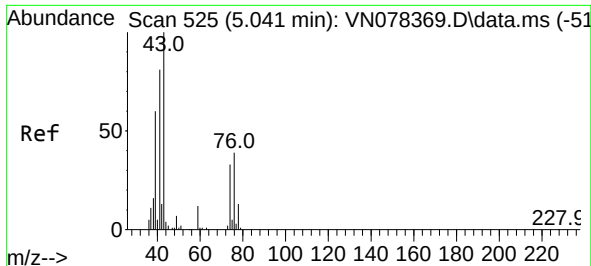
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#16
Carbon Disulfide
Concen: 18.530 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

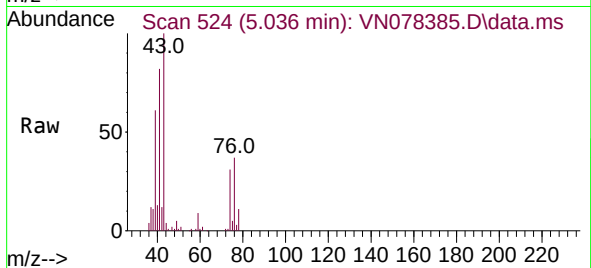
Tgt Ion: 76 Resp: 218240
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5





#17
 Allyl chloride
 Concen: 19.183 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN078385.D
 Acq: 23 Jun 2023 18:03

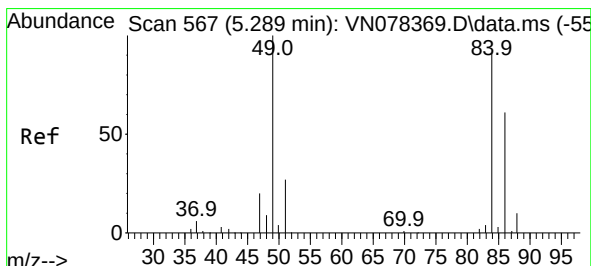
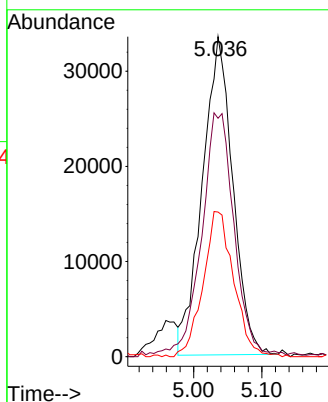
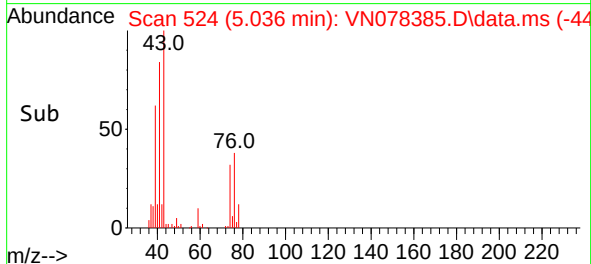
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 103700
 Ion Ratio Lower Upper
 41 100
 39 73.7 37.6 112.8
 76 44.8 23.8 71.4

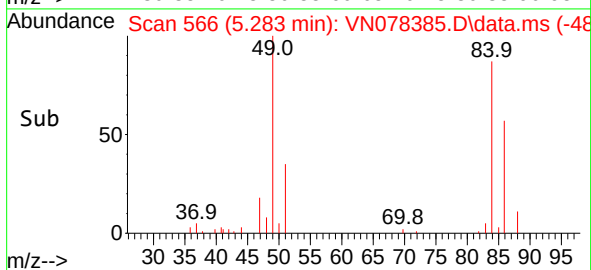
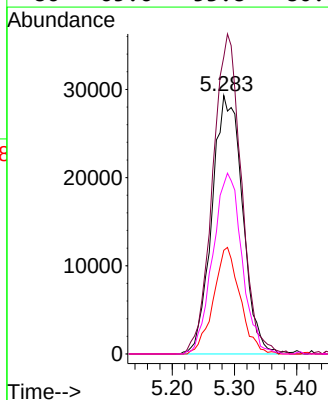
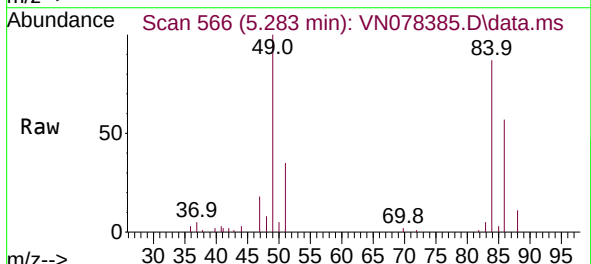
Manual Integrations
 APPROVED

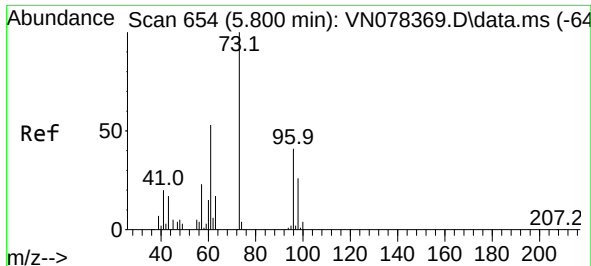
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#18
 Methylene Chloride
 Concen: 19.557 ug/l m
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN078385.D
 Acq: 23 Jun 2023 18:03

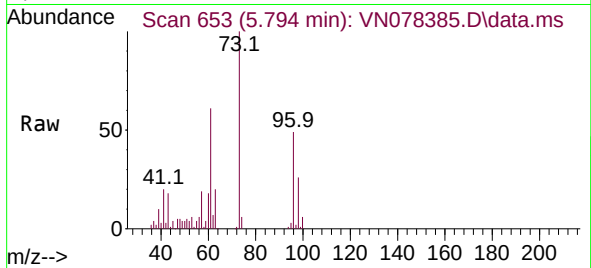
Tgt Ion: 84 Resp: 99884
 Ion Ratio Lower Upper
 84 100
 49 115.0 88.1 132.1
 51 40.1 24.0 36.0#
 86 65.6 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 19.518 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

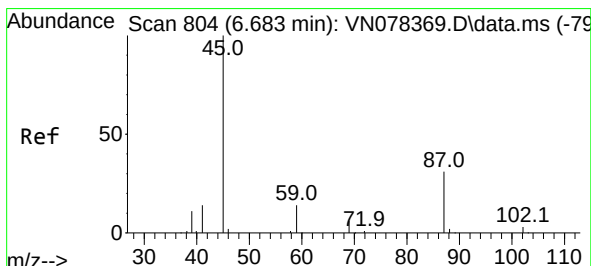
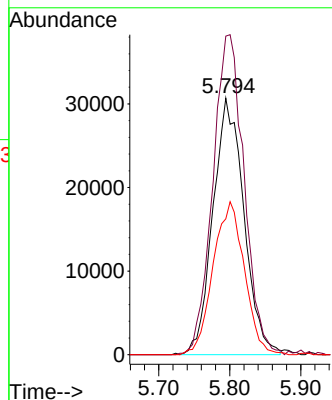
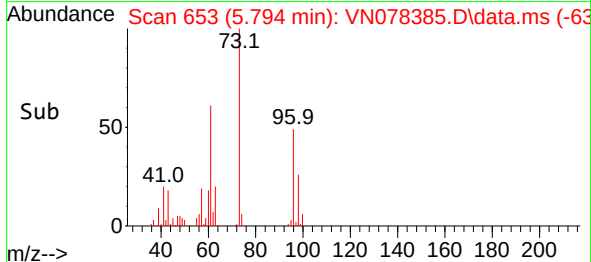
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 9284
Ion Ratio Lower Upper
96 100
61 123.7 105.2 157.8
98 53.0 50.5 75.7

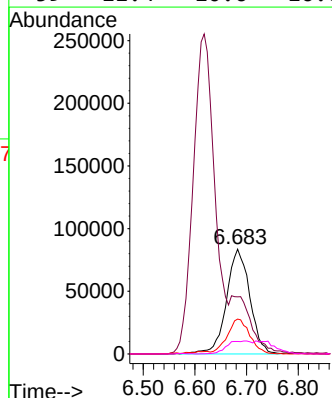
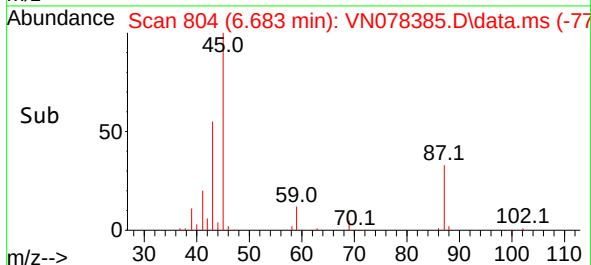
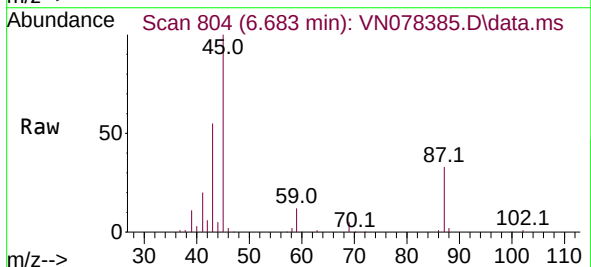
Manual Integrations
APPROVED

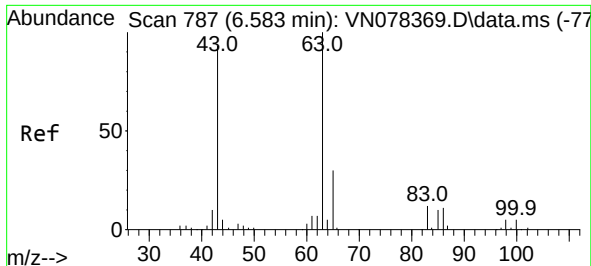
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#20
Diisopropyl ether
Concen: 20.201 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 45 Resp: 262324
Ion Ratio Lower Upper
45 100
43 51.6 43.6 65.4
87 32.8 25.8 38.6
59 11.4 10.6 16.0





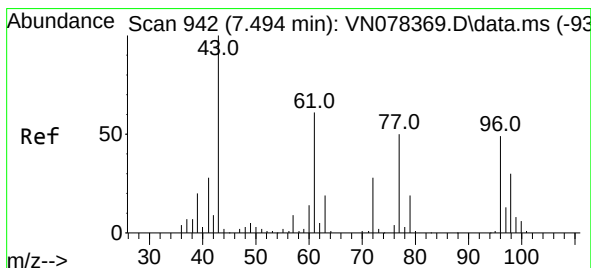
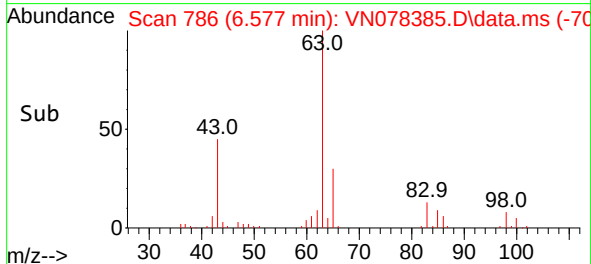
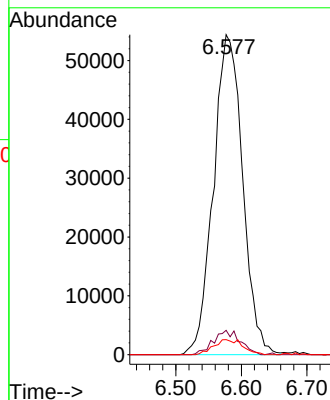
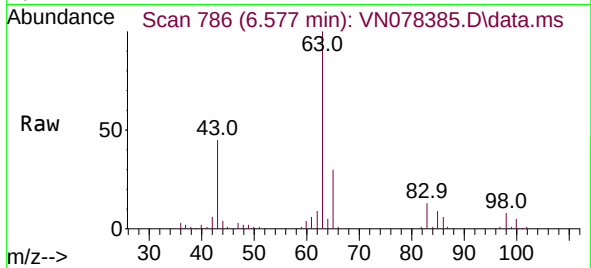
#21
1,1-Dichloroethane
Concen: 19.524 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 16816
Ion Ratio Lower Upper
63 100
98 7.6 2.7 8.1
100 4.7 2.5 7.4

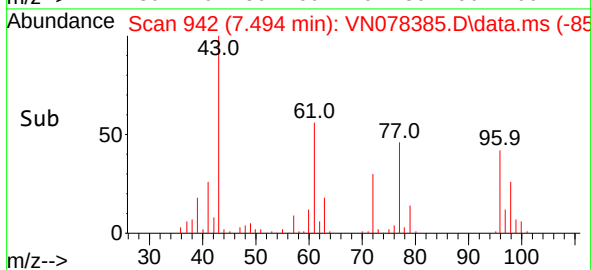
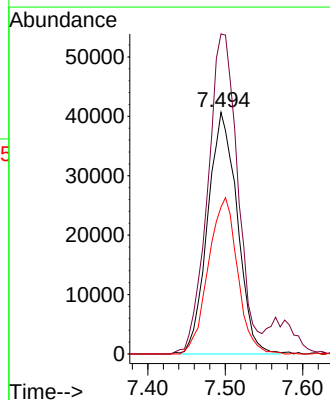
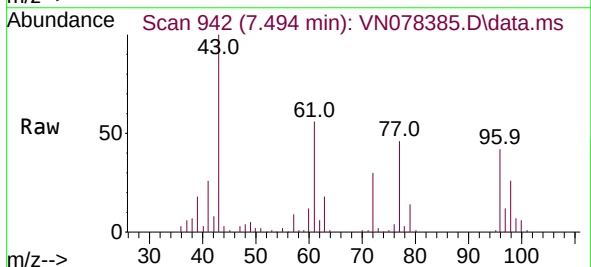
Manual Integrations
APPROVED

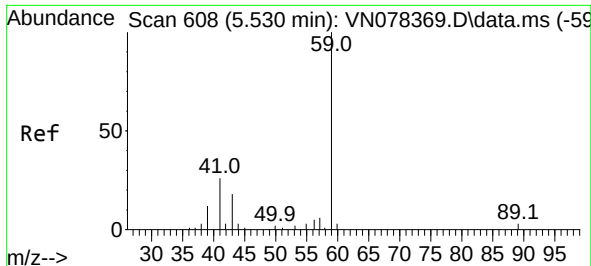
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#22
cis-1,2-Dichloroethene
Concen: 19.893 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

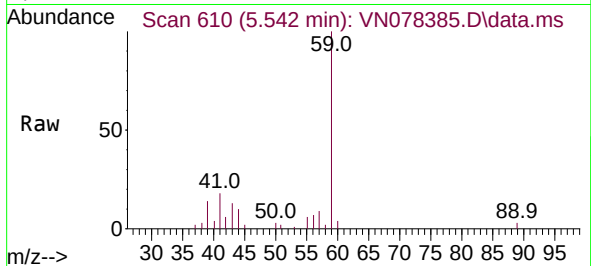
Tgt Ion: 96 Resp: 107648
Ion Ratio Lower Upper
96 100
61 135.0 113.8 170.6
98 63.6 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 92.978 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

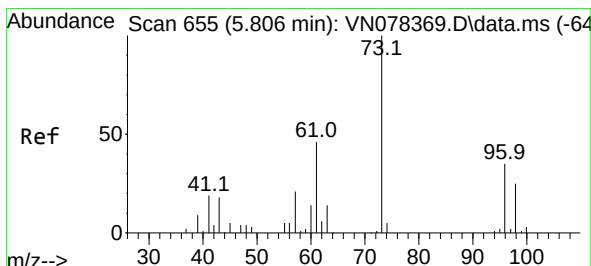
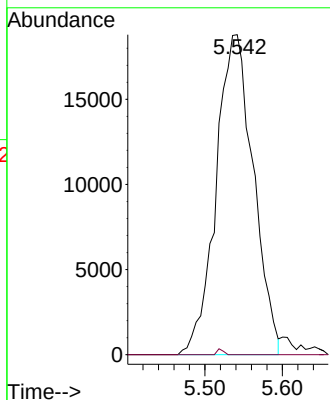
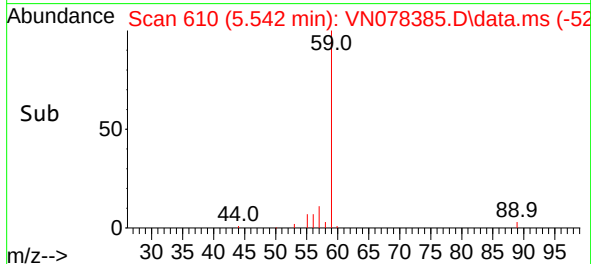
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 62914
Ion Ratio Lower Upper
59 100
52 0.3 0.1 0.1

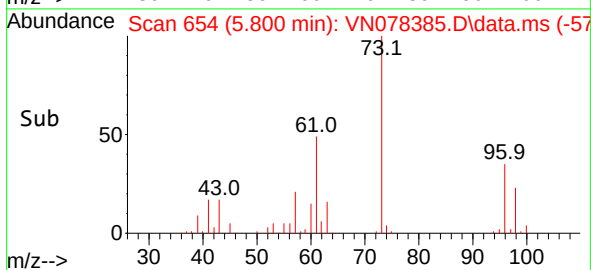
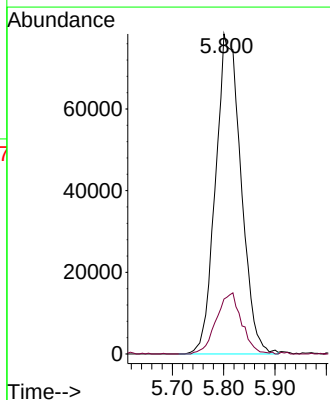
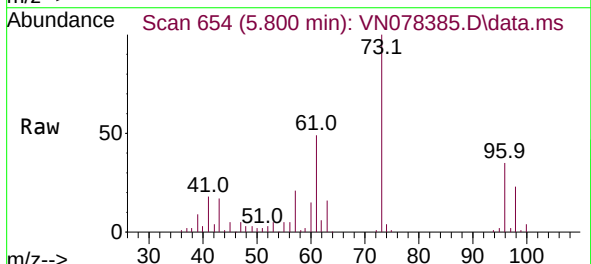
Manual Integrations
APPROVED

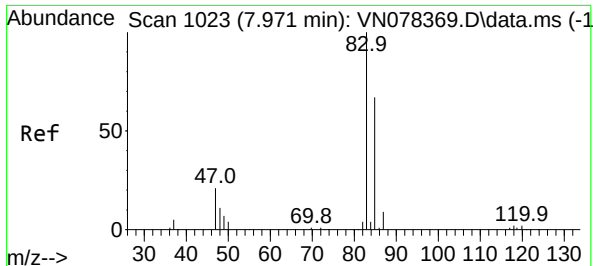
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#24
Methyl tert-Butyl Ether
Concen: 19.866 ug/l m
RT: 5.800 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 73 Resp: 269991
Ion Ratio Lower Upper
73 100
43 19.0 14.5 21.7





#25

Chloroform

Concen: 20.295 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 184744

Ion Ratio Lower Upper

83 100

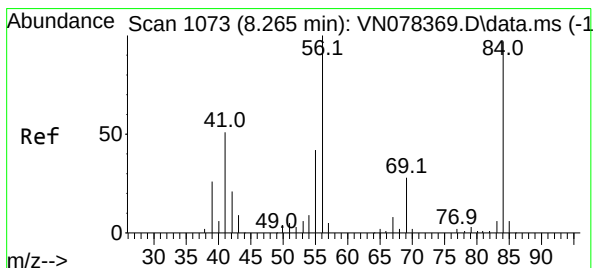
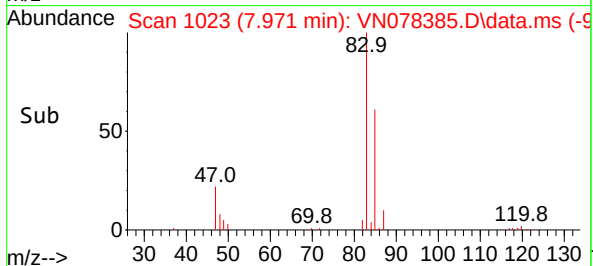
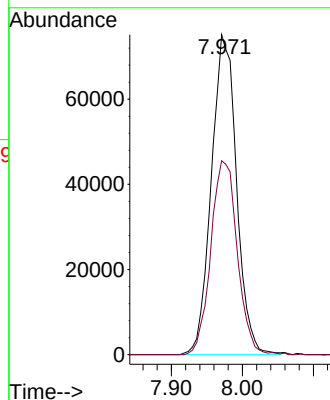
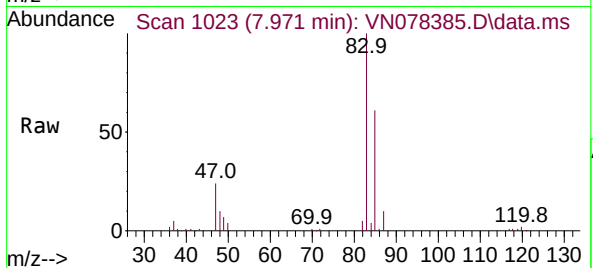
85 60.6 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#26

Cyclohexane

Concen: 19.011 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

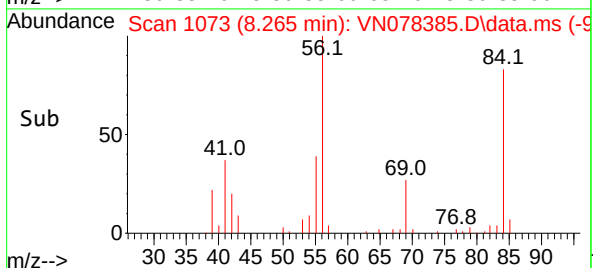
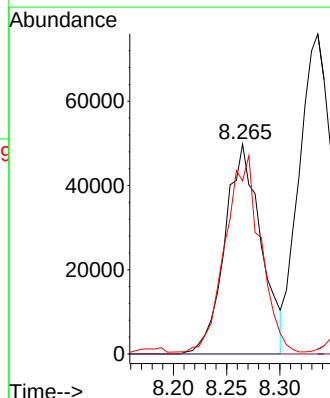
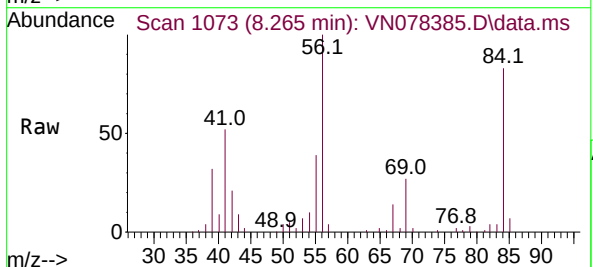
Tgt Ion: 56 Resp: 117193

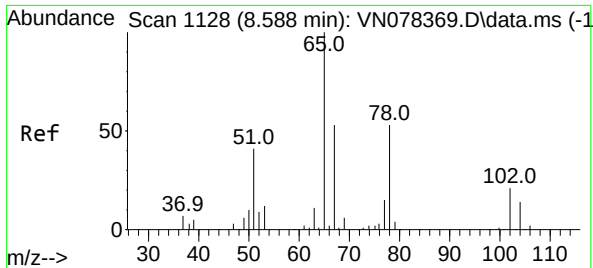
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 93.9 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 30.075 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

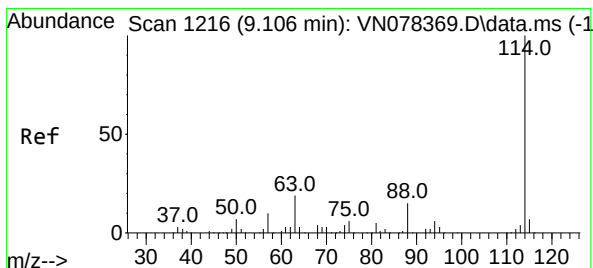
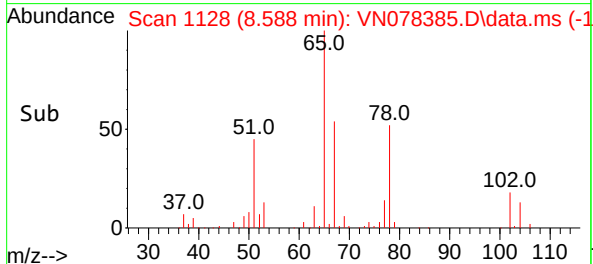
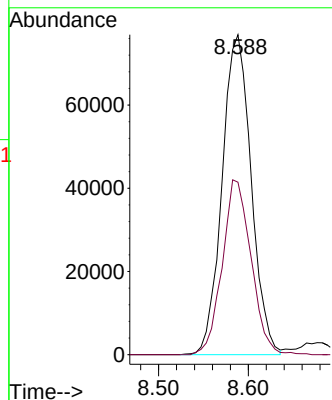
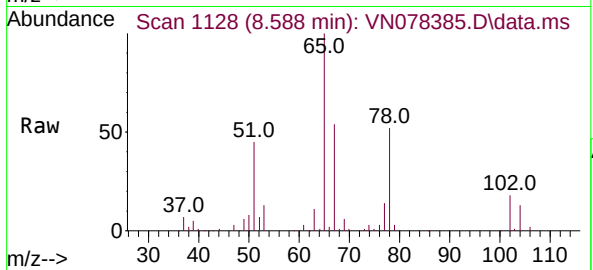
VSTDCCC020EC

Tgt Ion: 65 Resp: 17318
Ion Ratio Lower Upper
65 100
67 54.0 42.9 64.3

Manual Integrations

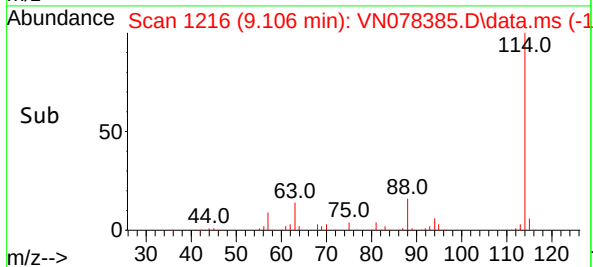
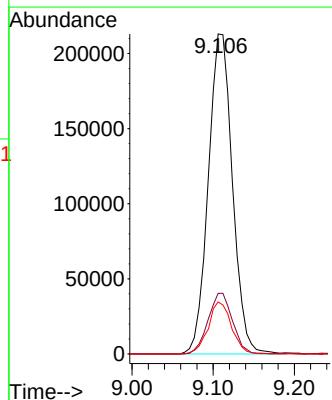
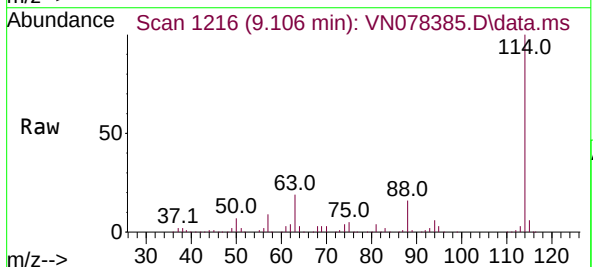
APPROVED

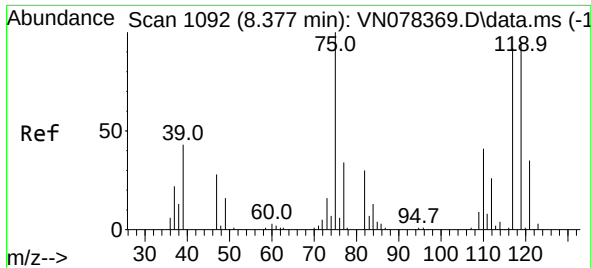
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:114 Resp: 440525
Ion Ratio Lower Upper
114 100
63 19.1 15.2 22.8
88 15.7 12.5 18.7





#29

1,1-Dichloropropene

Concen: 18.654 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 127388

Ion Ratio Lower Upper

75 100

110 37.0 0.0 72.2

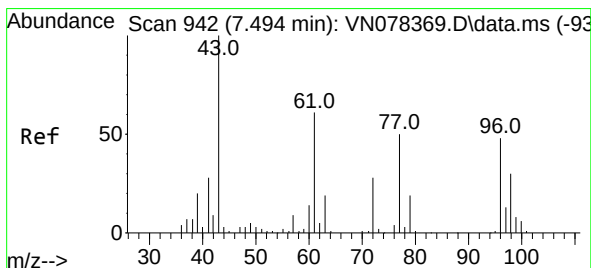
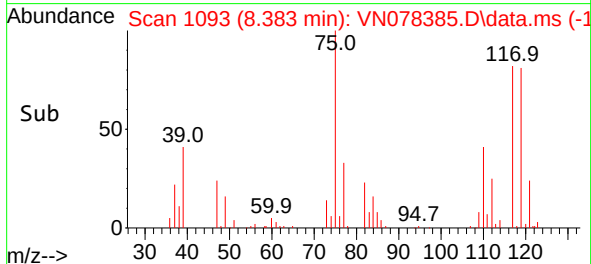
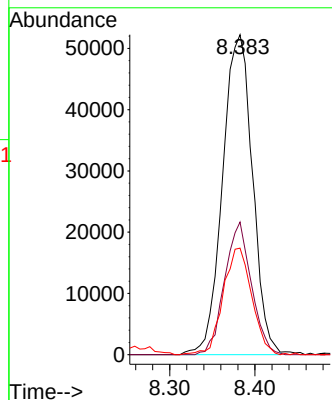
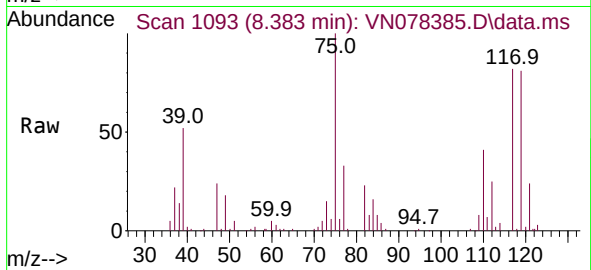
77 31.4 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#30

2-Butanone

Concen: 100.184 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

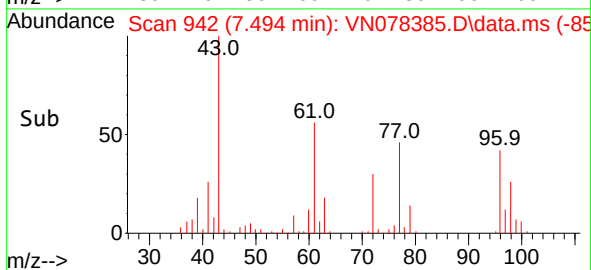
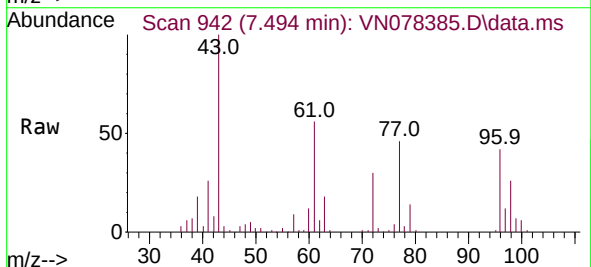
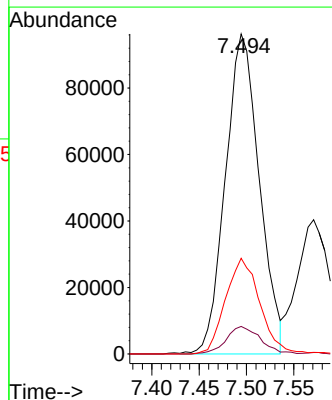
Tgt Ion: 43 Resp: 239802

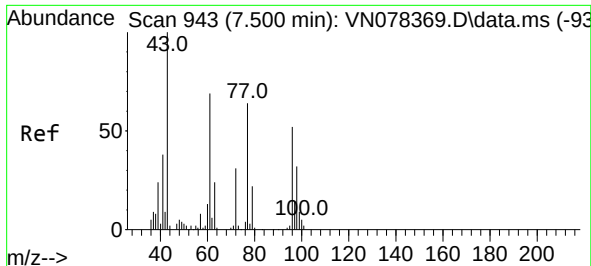
Ion Ratio Lower Upper

43 100

57 8.5 6.8 10.2

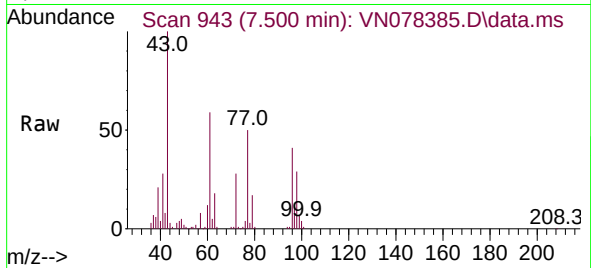
72 30.2 23.8 35.6





#31
2,2-Dichloropropane
Concen: 17.997 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

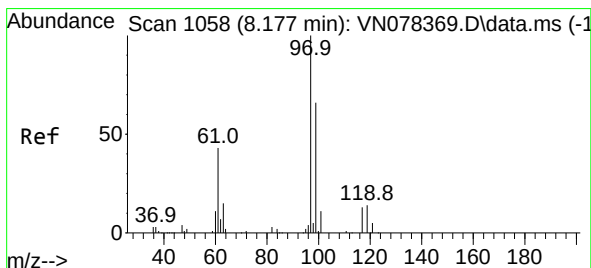
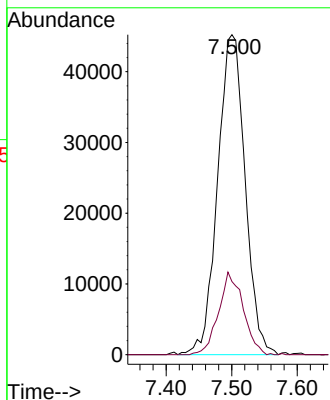
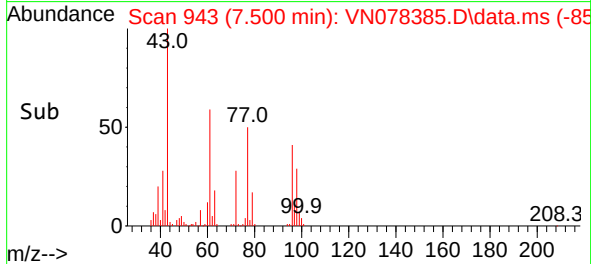
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 131404
Ion Ratio Lower Upper
77 100
97 23.1 18.8 28.2

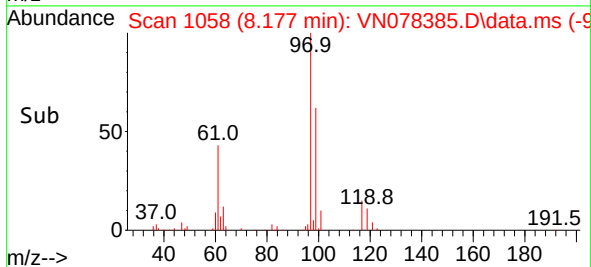
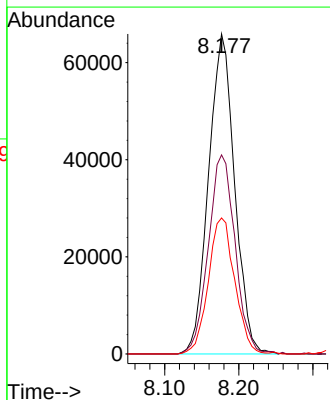
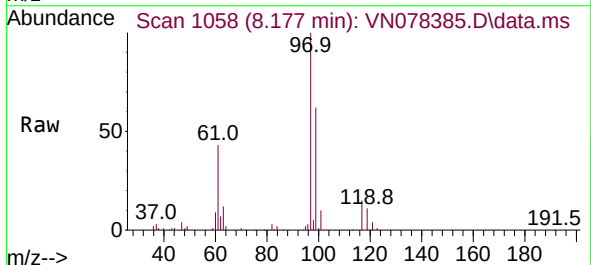
Manual Integrations
APPROVED

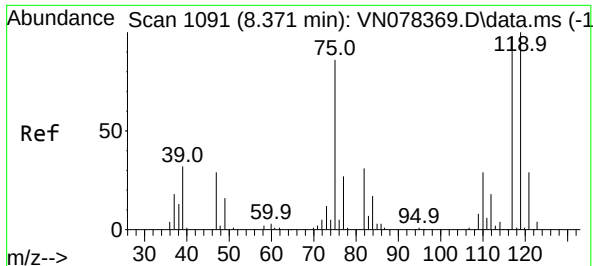
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#32
1,1,1-Trichloroethane
Concen: 19.364 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

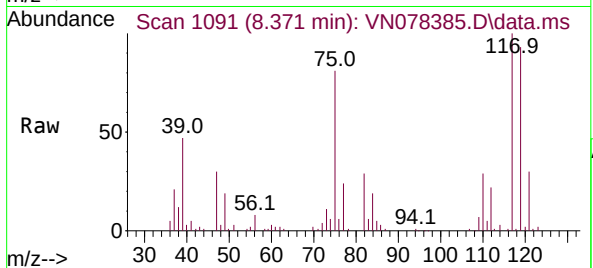
Tgt Ion: 97 Resp: 161127
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 43.0 34.6 52.0





#33
Carbon Tetrachloride
Concen: 19.352 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

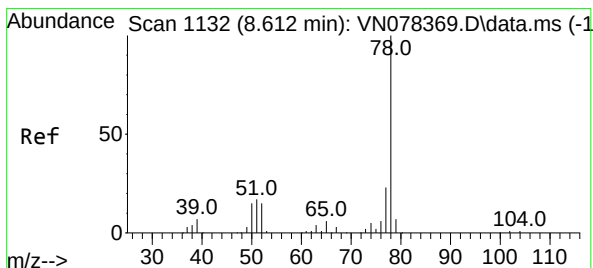
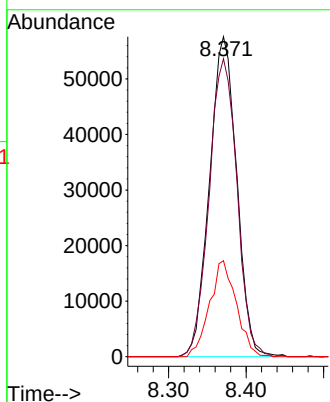
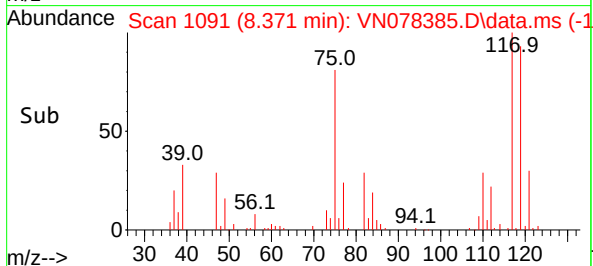
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



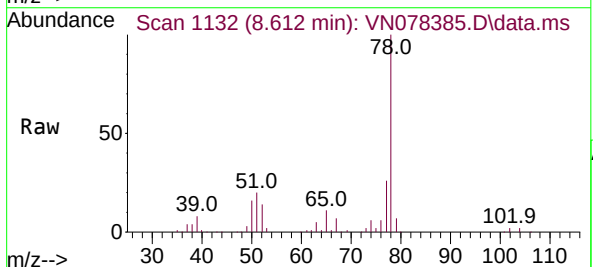
Tgt Ion: 117 Resp: 140400
Ion Ratio Lower Upper
117 100
119 93.1 81.4 122.0
121 30.0 23.6 35.4

Manual Integrations
APPROVED

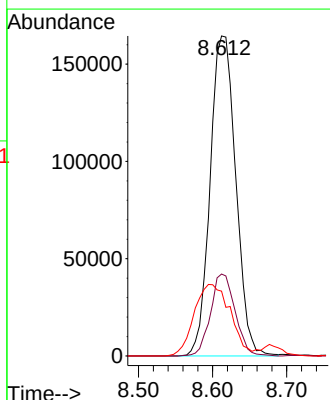
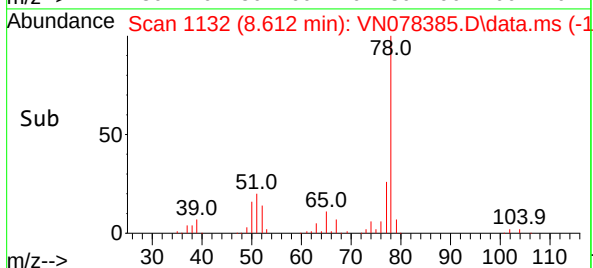
Reviewed By : John Carlone 06/24/2023
Supervised By : Mahesh Dadoda 06/26/2023

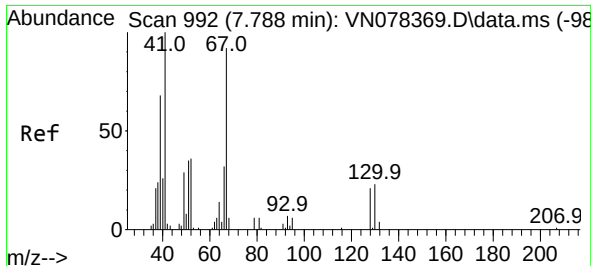


#34
Benzene
Concen: 19.431 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



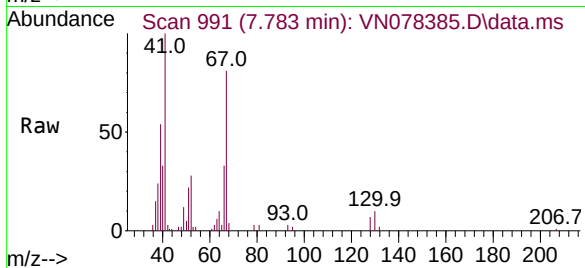
Tgt Ion: 78 Resp: 395697
Ion Ratio Lower Upper
78 100
77 25.6 18.3 27.5
51 18.8 13.7 20.5





#35
Methacrylonitrile
Concen: 20.462 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

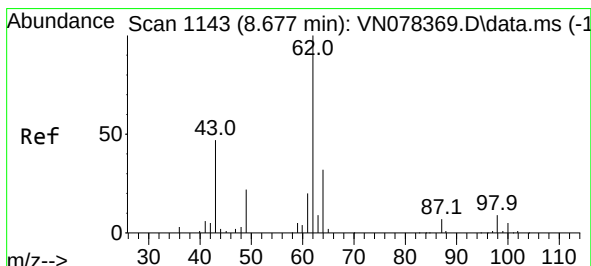
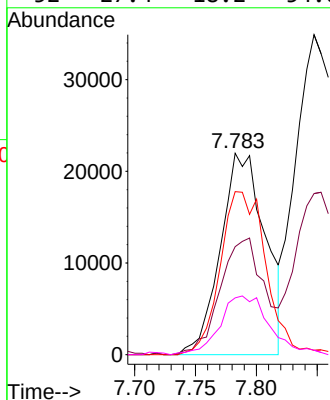
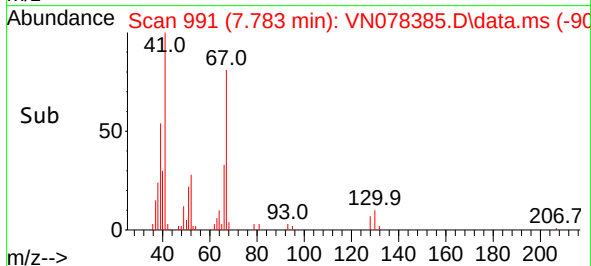
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 5615
Ion Ratio Lower Upper
41 100
39 52.9 33.9 101.6
67 81.0 45.9 137.6
52 27.4 18.2 54.6

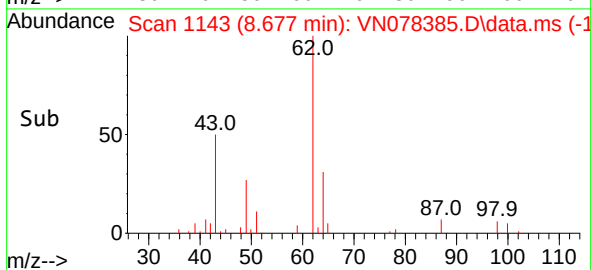
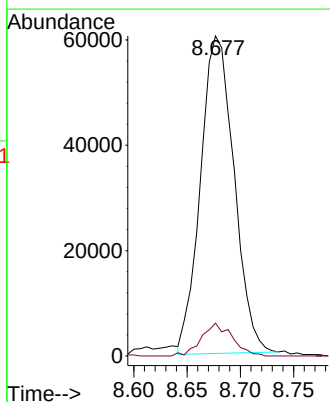
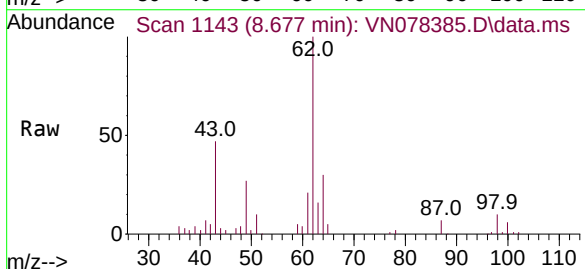
Manual Integrations
APPROVED

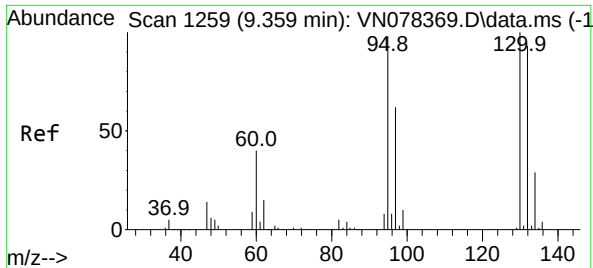
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#36
1,2-Dichloroethane
Concen: 19.033 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

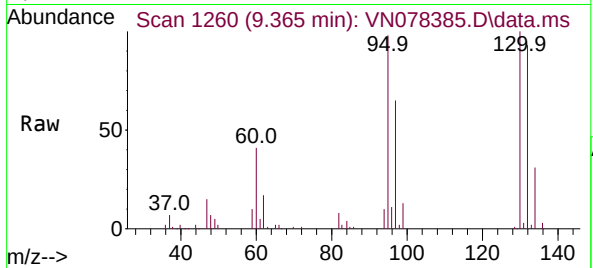
Tgt Ion: 62 Resp: 132142
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.0





#37
Trichloroethene
Concen: 19.113 ug/l
RT: 9.365 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

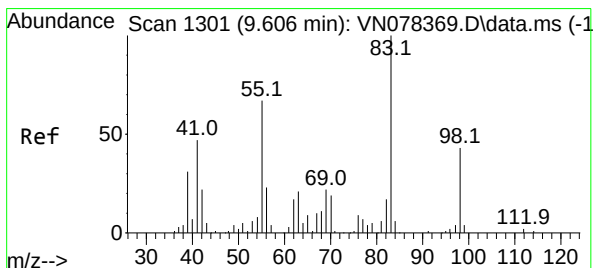
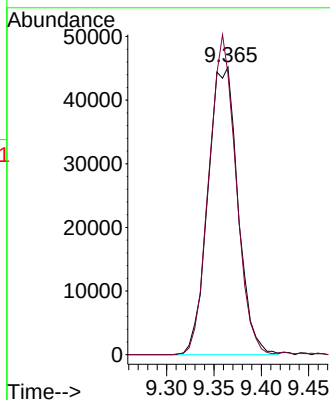
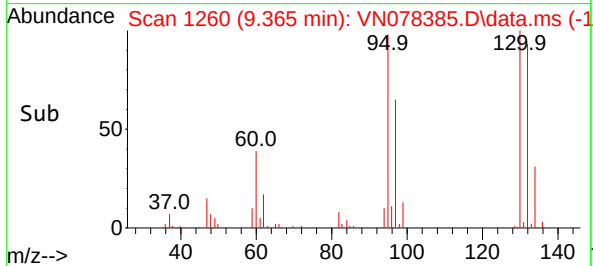
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



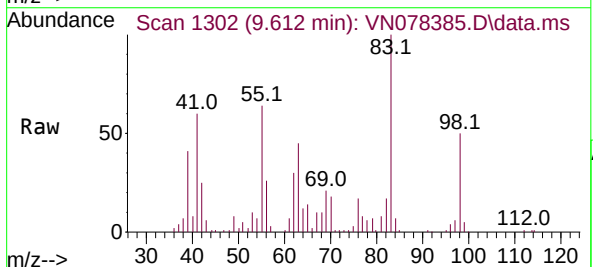
Tgt Ion:130 Resp: 9944
Ion Ratio Lower Upper
130 100
95 97.3 78.2 117.4

Manual Integrations
APPROVED

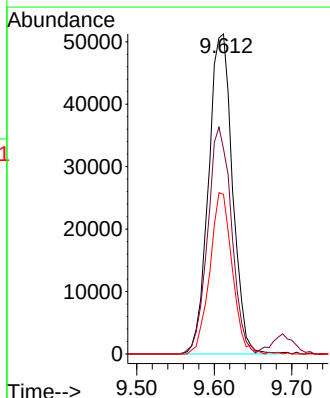
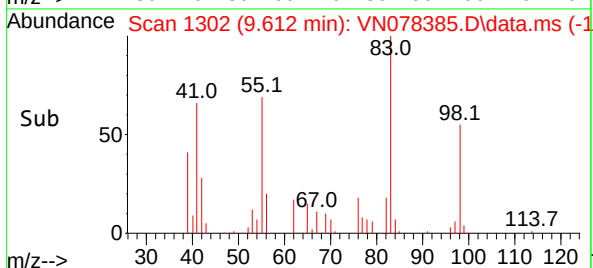
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

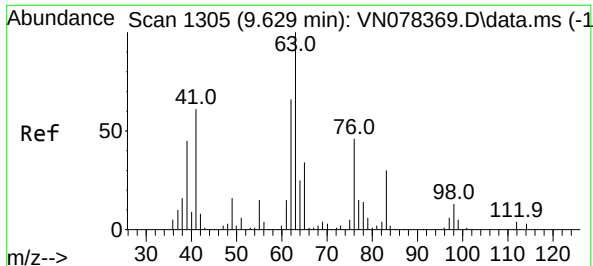


#38
Methylcyclohexane
Concen: 18.356 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



Tgt Ion: 83 Resp: 110128
Ion Ratio Lower Upper
83 100
55 70.4 34.0 102.0
98 46.9 23.0 69.0





#39

1,2-Dichloropropane

Concen: 19.492 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 99430

Ion Ratio Lower Upper

63 100

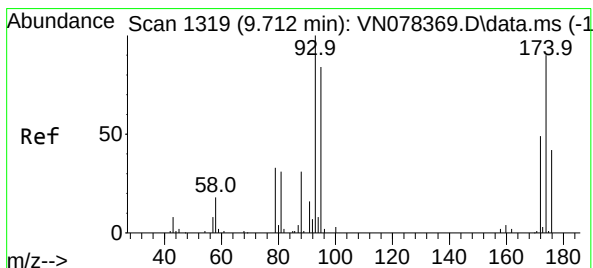
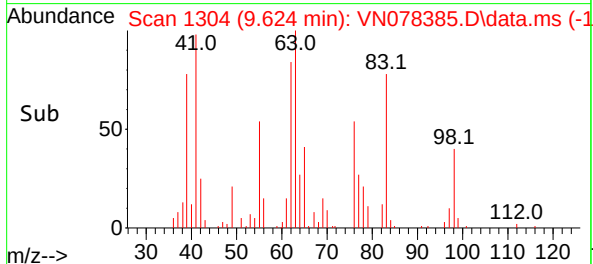
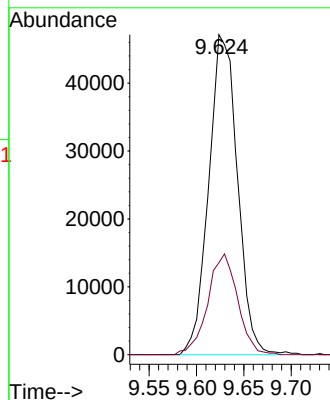
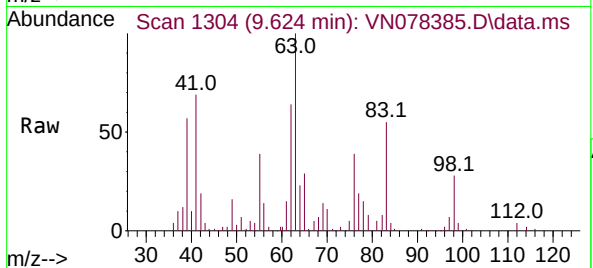
65 28.7 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#40

Dibromomethane

Concen: 19.531 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

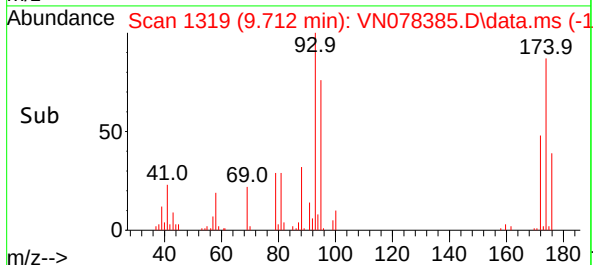
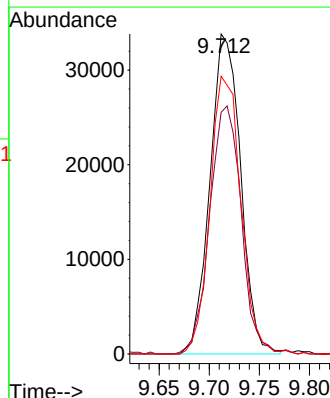
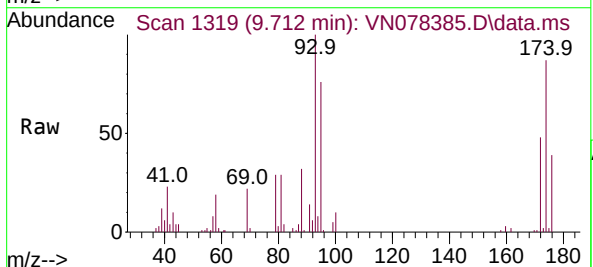
Tgt Ion: 93 Resp: 71895

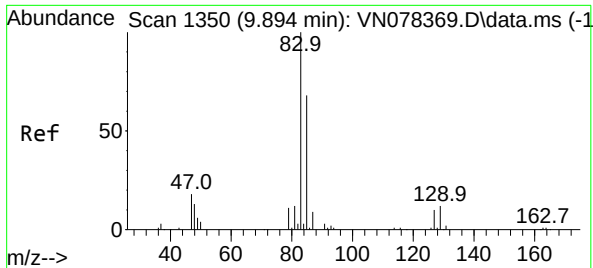
Ion Ratio Lower Upper

93 100

95 79.6 0.0 167.8

174 87.1 0.0 180.8





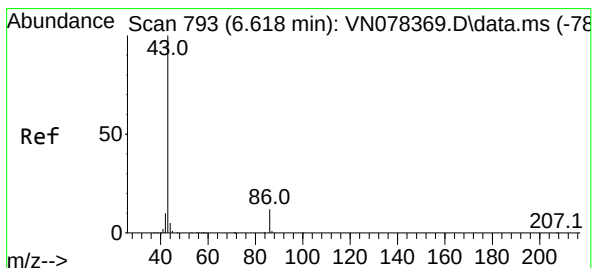
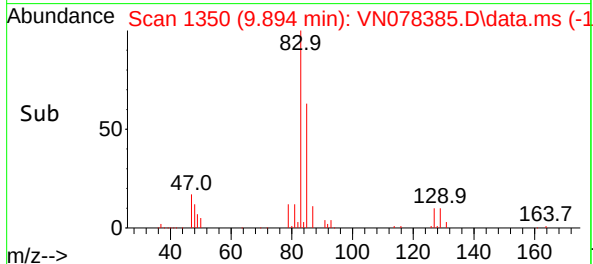
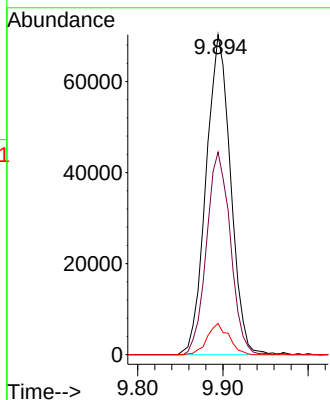
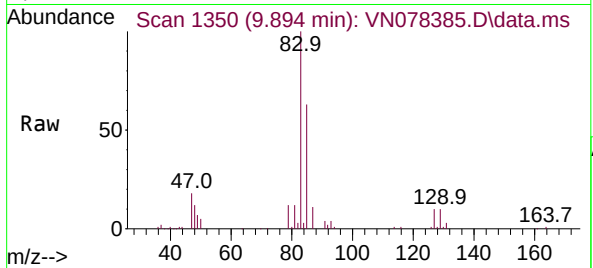
#41
Bromodichloromethane
Concen: 19.642 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 140460
Ion Ratio Lower Upper
83 100
85 63.3 54.1 81.1
127 9.7 7.8 11.6

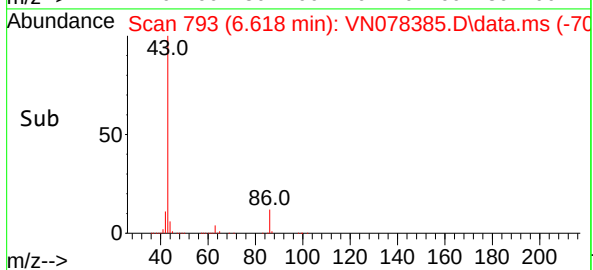
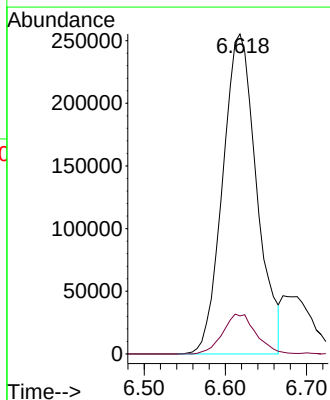
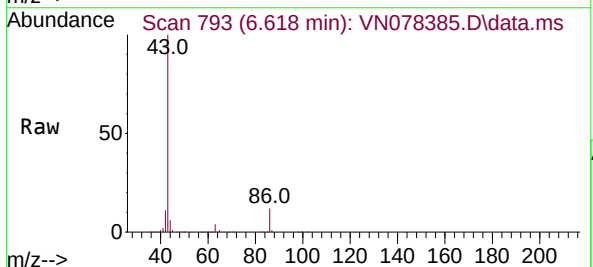
Manual Integrations
APPROVED

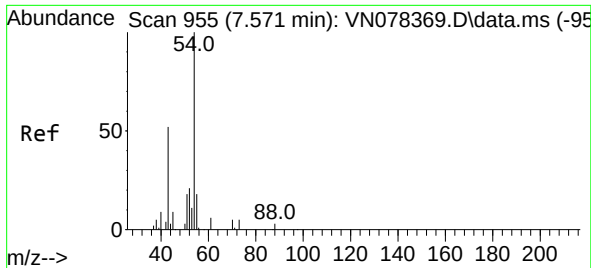
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#42
Vinyl Acetate
Concen: 97.492 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

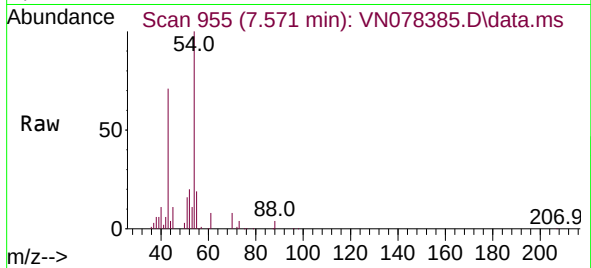
Tgt Ion: 43 Resp: 743380
Ion Ratio Lower Upper
43 100
86 12.2 9.4 14.0





#43
Ethyl Acetate
Concen: 21.154 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

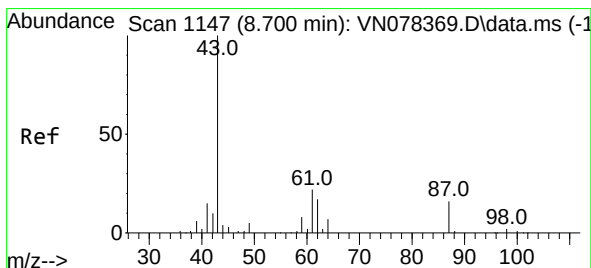
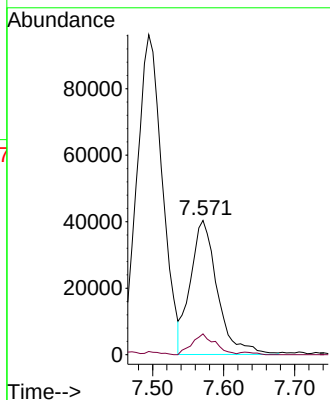
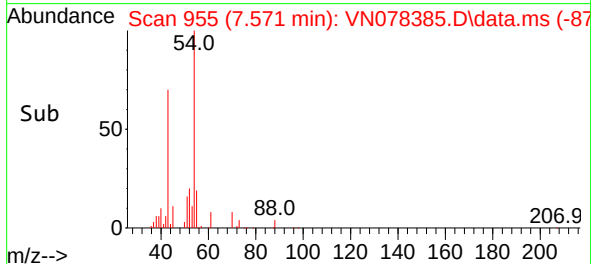
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



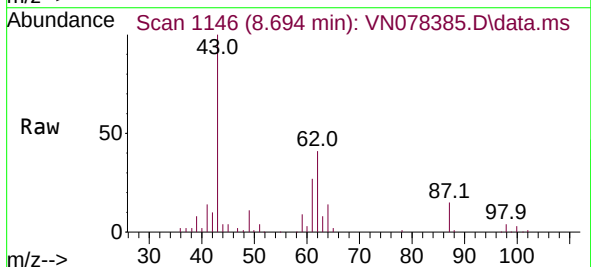
Tgt Ion: 43 Resp: 10661
Ion Ratio Lower Upper
43 100
45 13.2 10.9 16.3

Manual Integrations
APPROVED

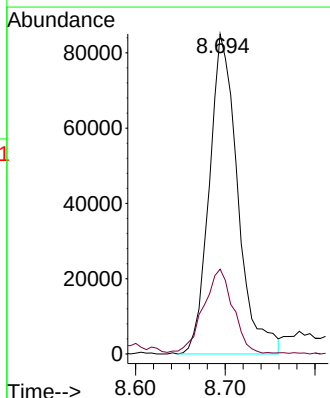
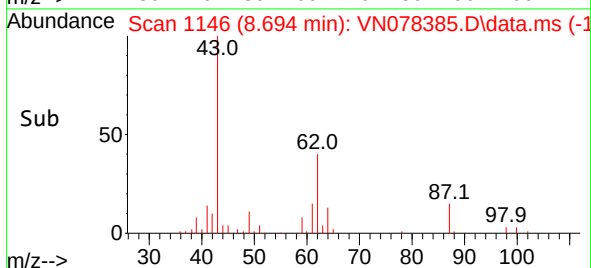
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

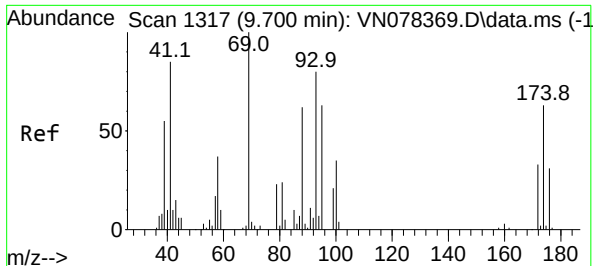


#44
Isopropyl Acetate
Concen: 20.533 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



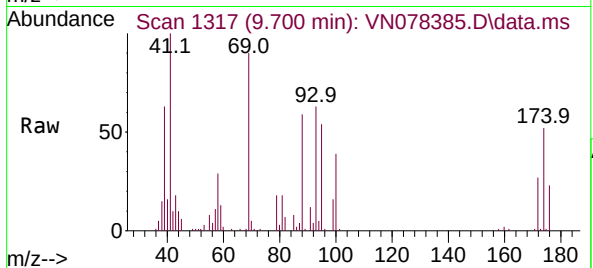
Tgt Ion: 43 Resp: 186910
Ion Ratio Lower Upper
43 100
61 27.7 23.0 34.6





#45
1,4-Dioxane
Concen: 388.319 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

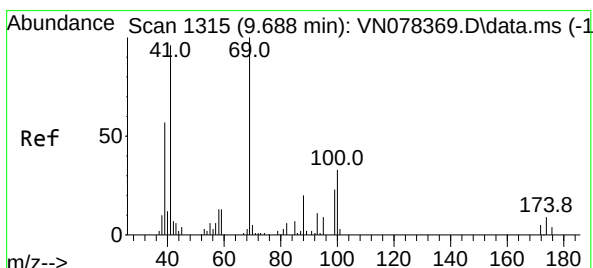
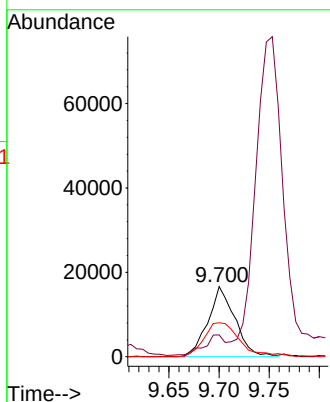
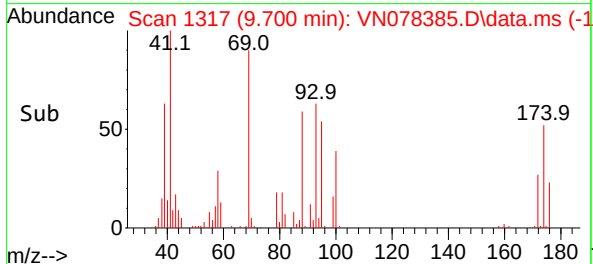
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



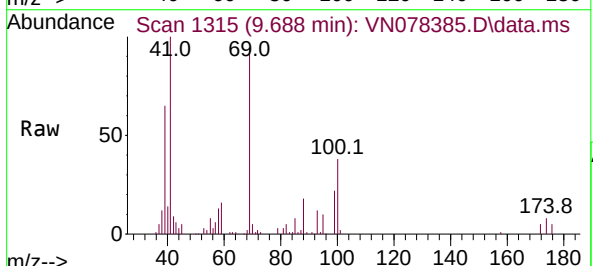
Tgt Ion: 88 Resp: 31185
Ion Ratio Lower Upper
88 100
43 9.2 19.0 28.6
58 63.8 48.2 72.2

Manual Integrations
APPROVED

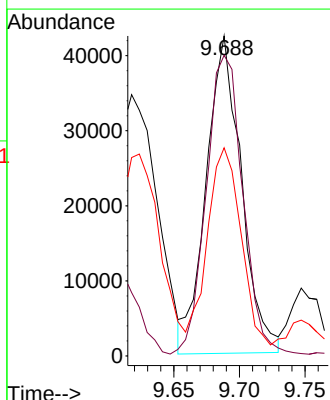
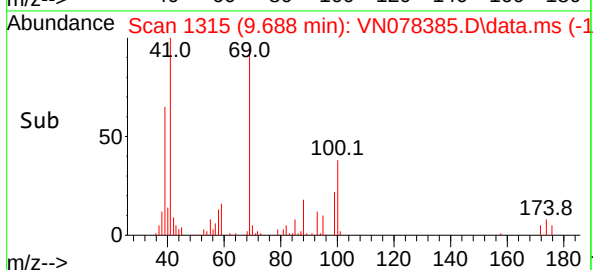
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

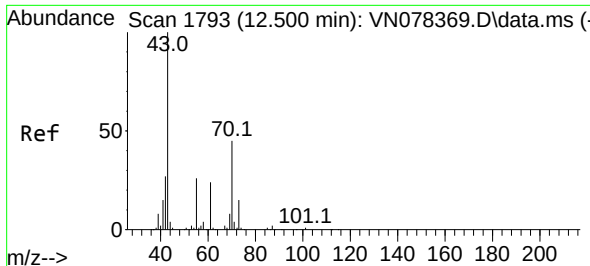


#46
Methyl methacrylate
Concen: 19.460 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



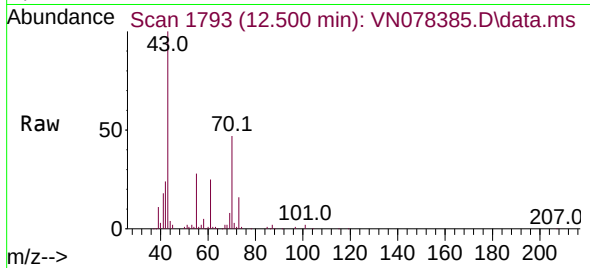
Tgt Ion: 41 Resp: 78854
Ion Ratio Lower Upper
41 100
69 97.8 49.0 147.0
39 63.6 31.6 94.8





#47
n-amy1 Acetate
Concen: 19.880 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

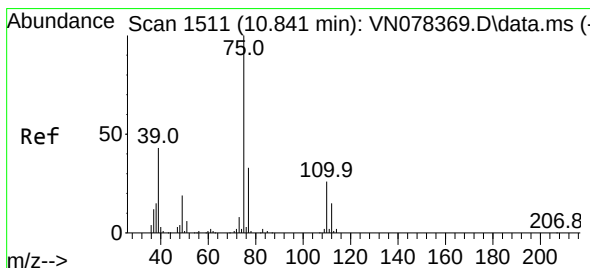
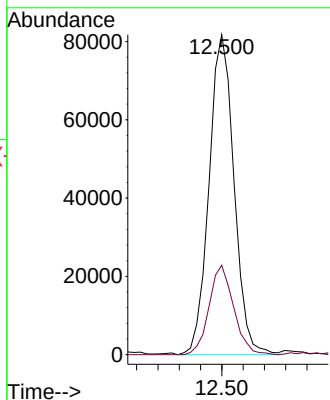
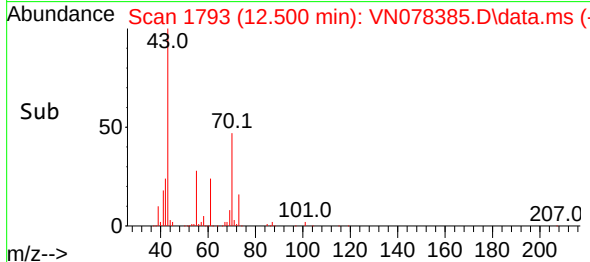
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



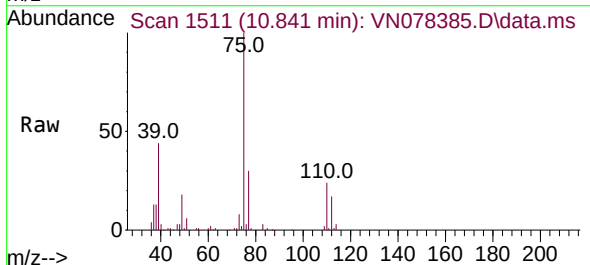
Tgt Ion: 43 Resp: 133025
Ion Ratio Lower Upper
43 100
55 27.5 21.5 32.3

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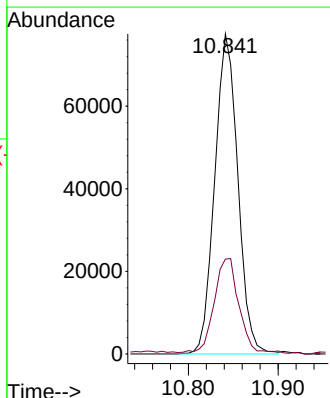
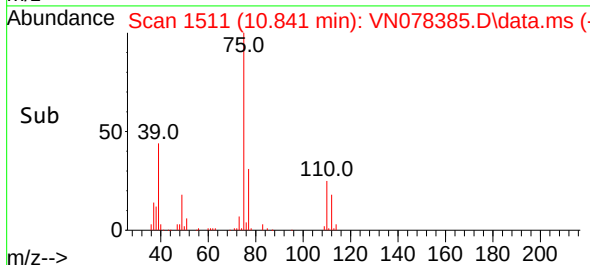
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

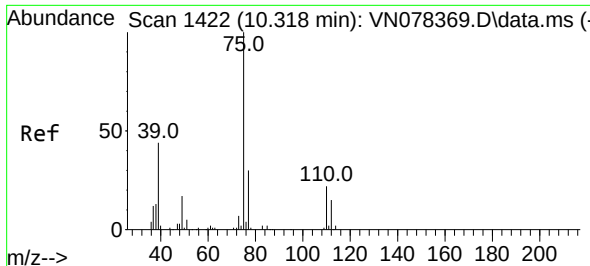


#48
t-1,3-Dichloropropene
Concen: 18.858 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



Tgt Ion: 75 Resp: 138442
Ion Ratio Lower Upper
75 100
77 29.2 26.1 39.1





#49

cis-1,3-Dichloropropene

Concen: 18.955 ug/l

RT: 10.318 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

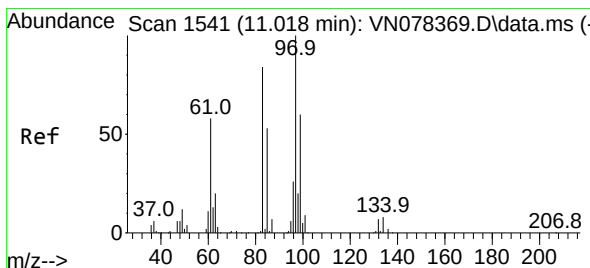
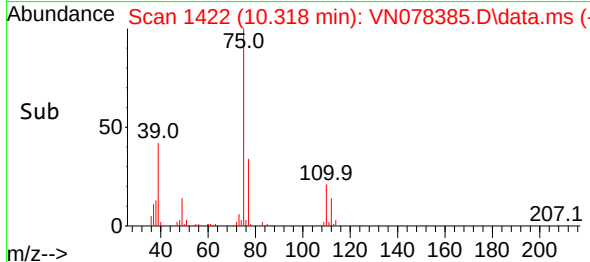
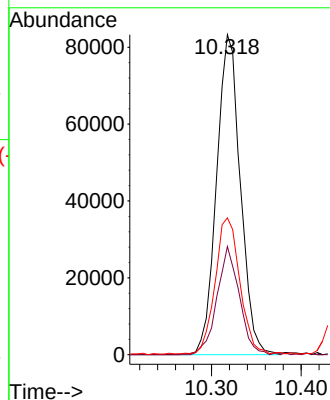
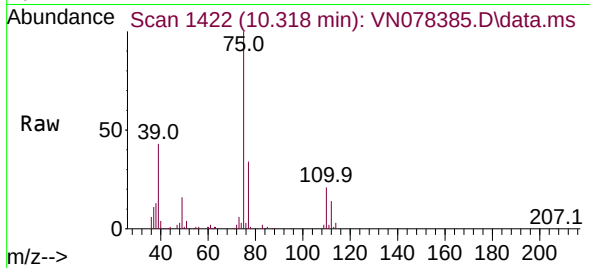
Tgt Ion: 75	Resp: 153374
Ion Ratio	Lower Upper
75 100	
77 33.8	24.0 36.0
39 42.5	35.1 52.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#50

1,1,2-Trichloroethane

Concen: 19.591 ug/l

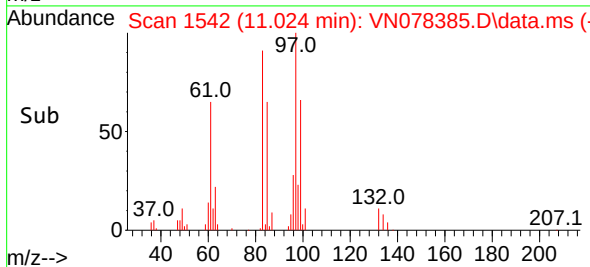
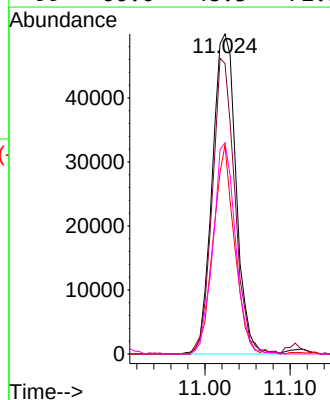
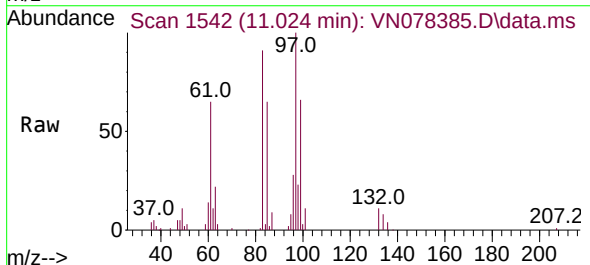
RT: 11.024 min Scan# 1542

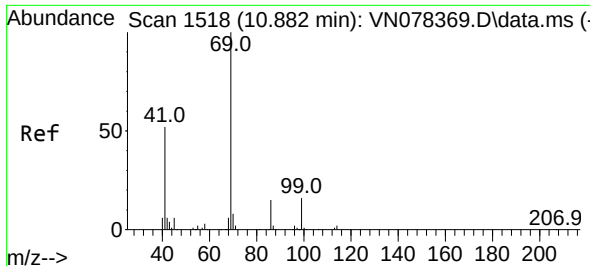
Delta R.T. 0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Tgt Ion: 97	Resp: 96675
Ion Ratio	Lower Upper
97 100	
83 90.8	66.8 100.2
85 65.2	42.5 63.7#
99 66.0	48.3 72.5





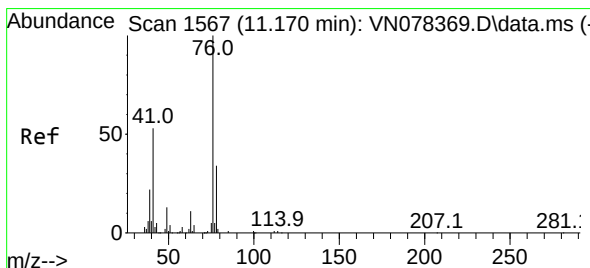
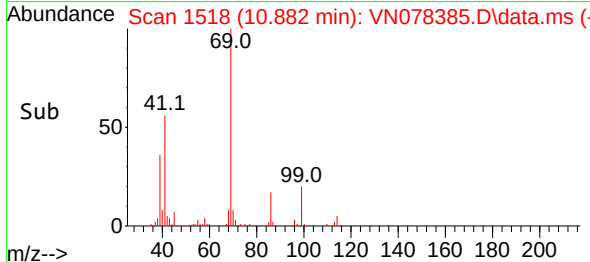
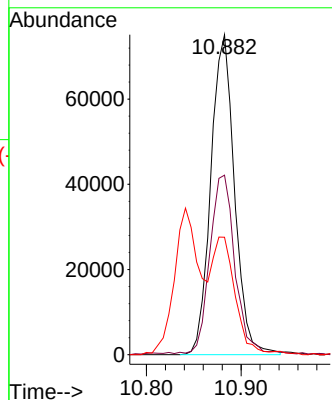
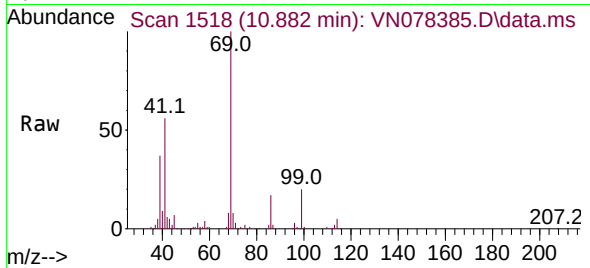
#51
Ethyl methacrylate
Concen: 19.384 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 13085
Ion Ratio Lower Upper
69 100
41 55.3 26.0 78.0
39 35.6 16.3 48.9

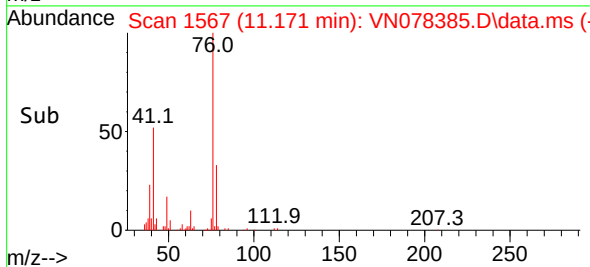
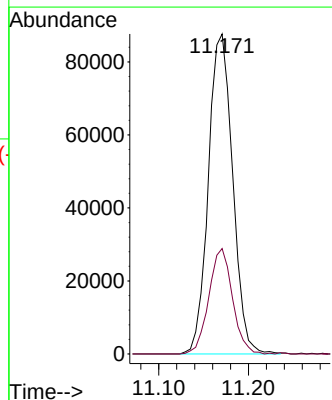
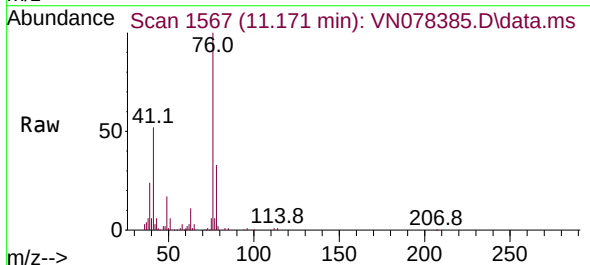
Manual Integrations
APPROVED

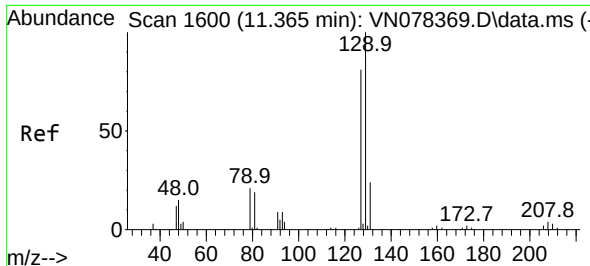
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#52
1,3-Dichloropropane
Concen: 19.917 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

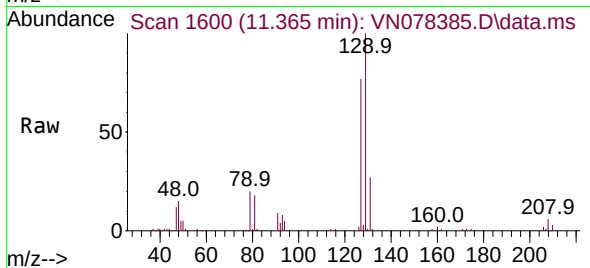
Tgt Ion: 76 Resp: 164957
Ion Ratio Lower Upper
76 100
78 32.0 0.0 66.2





#53
Dibromochloromethane
Concen: 19.493 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

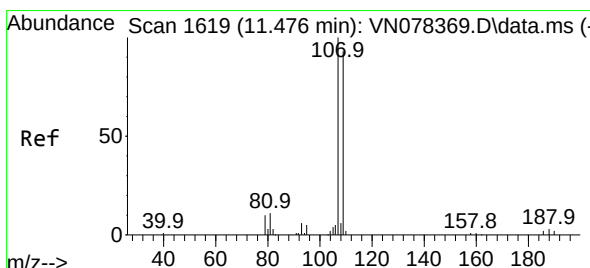
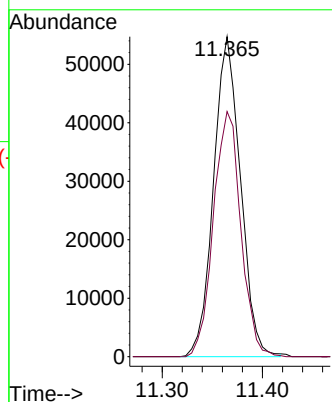
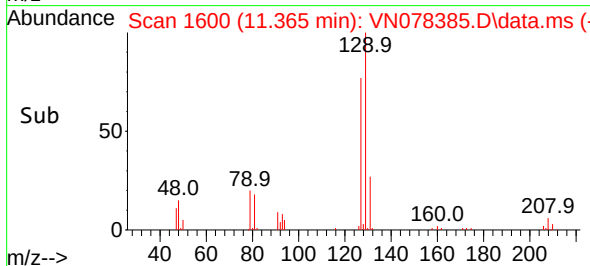
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



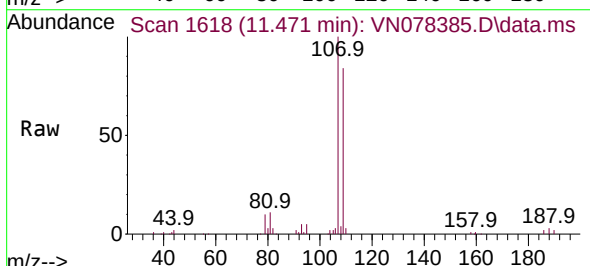
Tgt Ion:129 Resp: 102025
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.1

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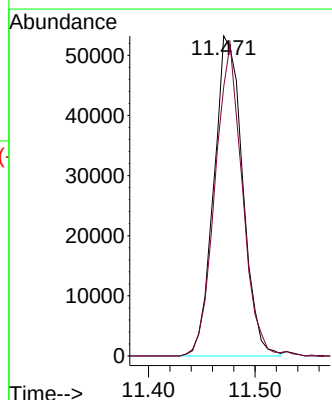
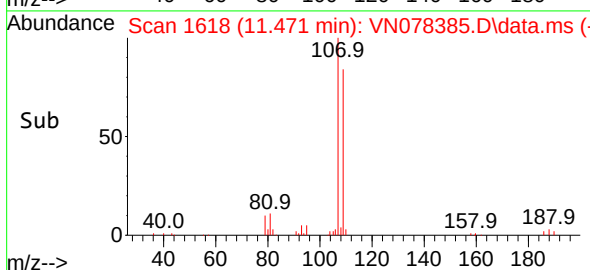
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

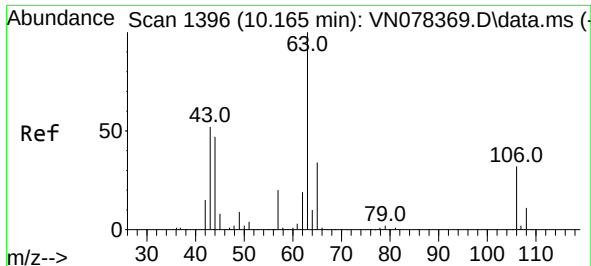


#54
1,2-Dibromoethane
Concen: 19.986 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



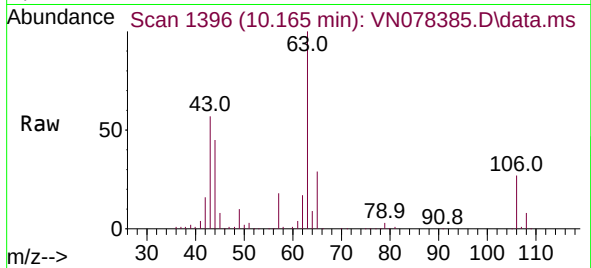
Tgt Ion:107 Resp: 99404
Ion Ratio Lower Upper
107 100
109 92.5 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 110.577 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

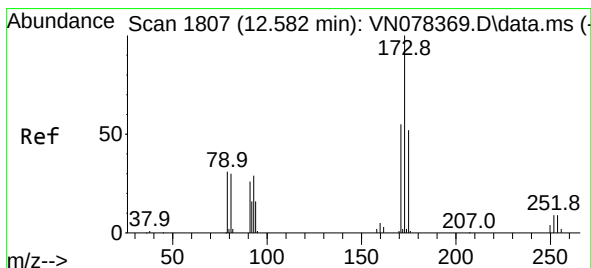
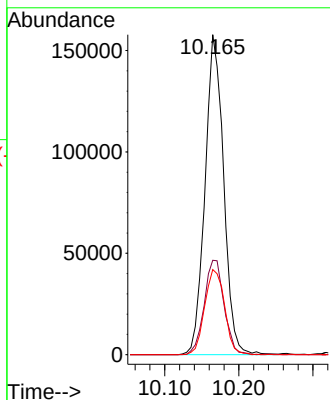
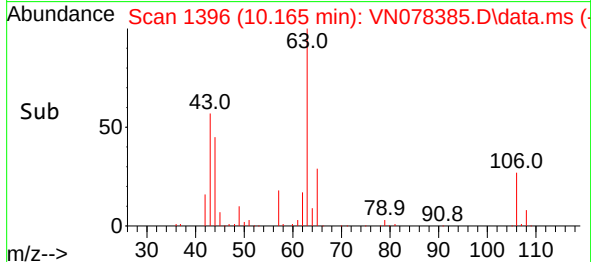
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 27539
Ion Ratio Lower Upper
63 100
65 31.4 26.3 39.5
106 28.4 23.8 35.6

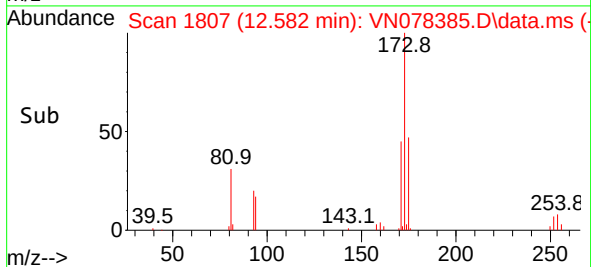
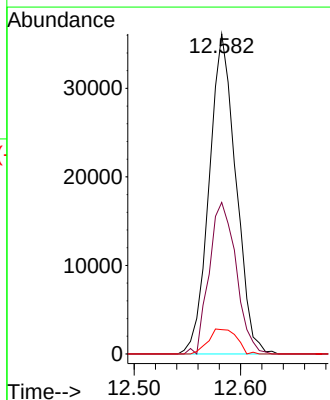
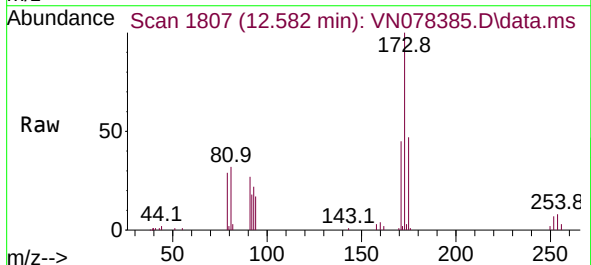
Manual Integrations
APPROVED

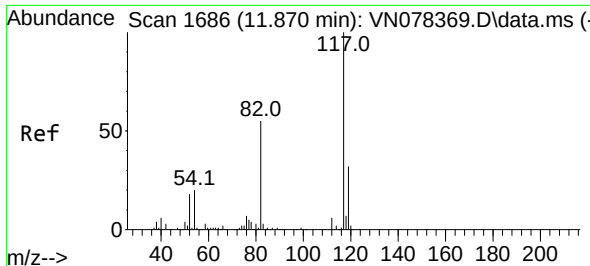
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#56
Bromoform
Concen: 19.624 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

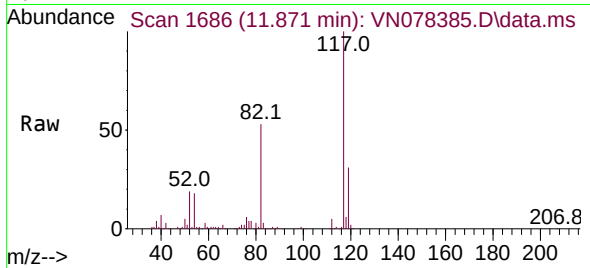
Tgt Ion:173 Resp: 62873
Ion Ratio Lower Upper
173 100
175 47.3 40.7 61.1
254 8.1 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

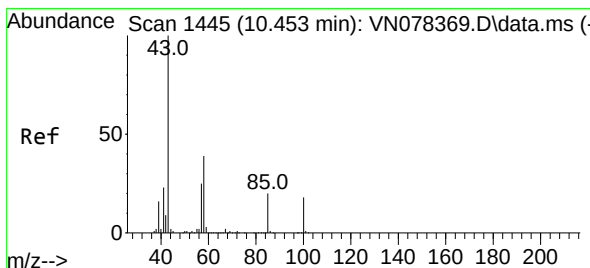
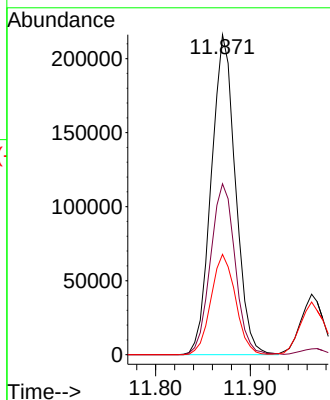
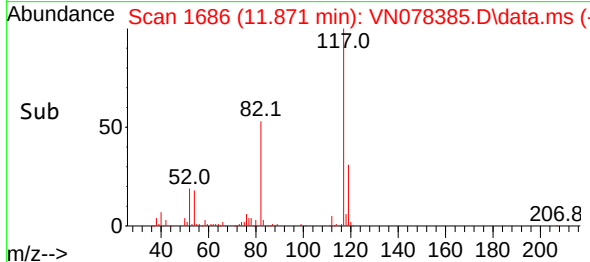
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 38281
Ion Ratio Lower Upper
117 100
82 54.5 43.9 65.9
119 31.9 26.2 39.4

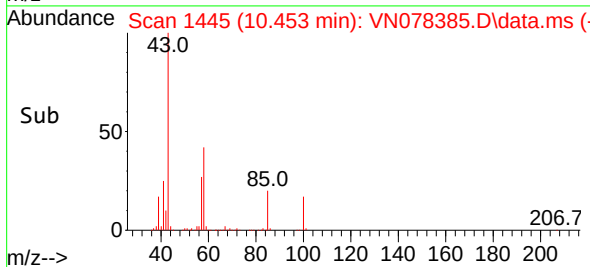
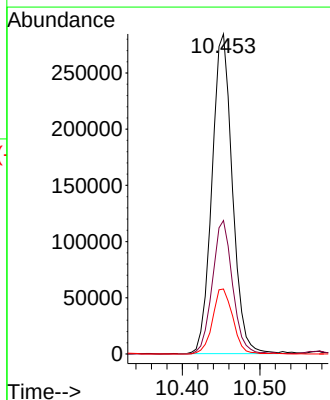
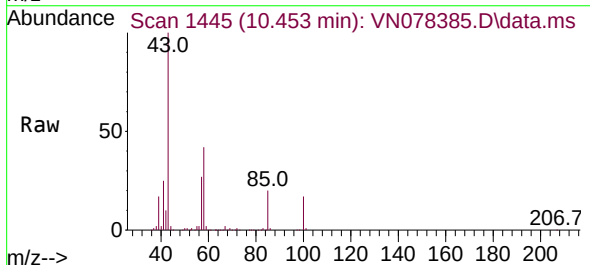
Manual Integrations
APPROVED

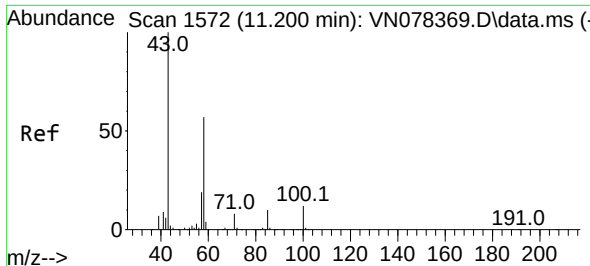
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#58
4-Methyl-2-Pentanone
Concen: 101.690 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

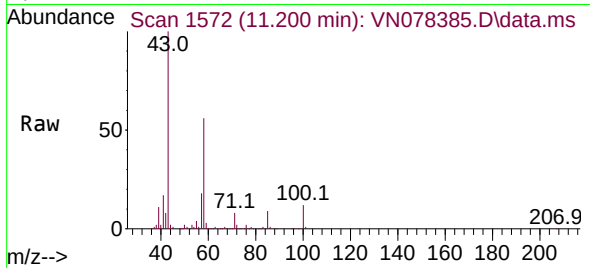
Tgt Ion: 43 Resp: 519851
Ion Ratio Lower Upper
43 100
58 41.4 32.6 48.8
85 20.2 16.2 24.2





#59
2-Hexanone
Concen: 103.874 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

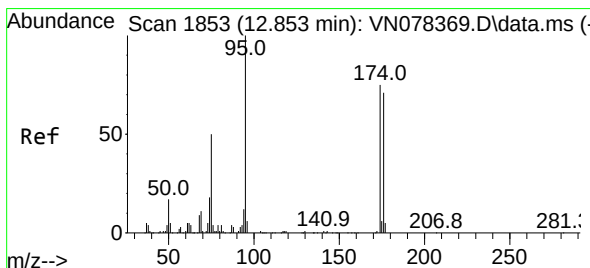
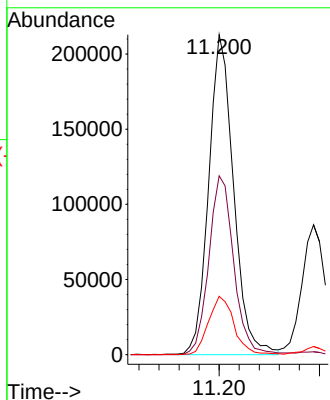
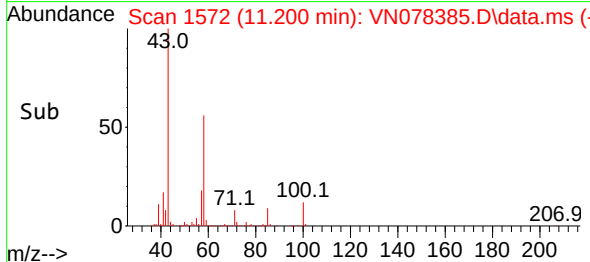
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 36673
Ion Ratio Lower Upper
43 100
58 55.8 45.9 68.9
57 18.7 15.8 23.6

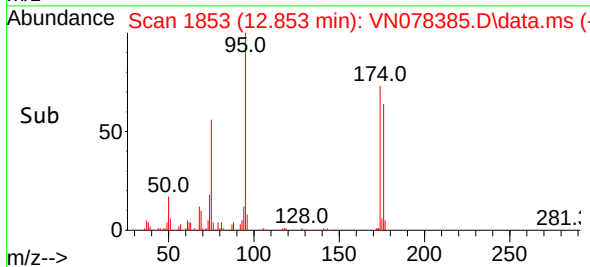
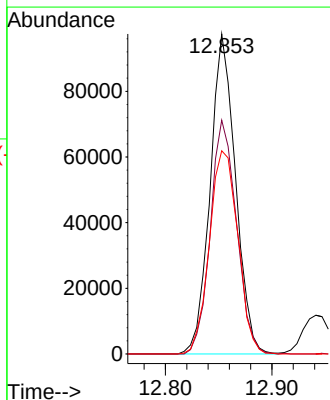
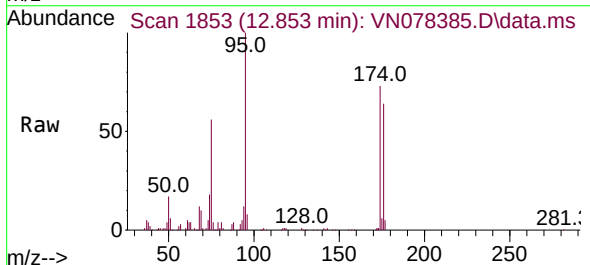
Manual Integrations
APPROVED

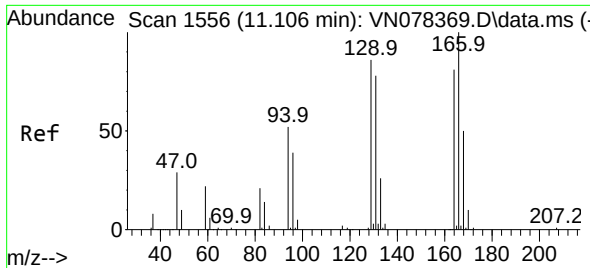
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#60
4-Bromofluorobenzene
Concen: 29.830 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

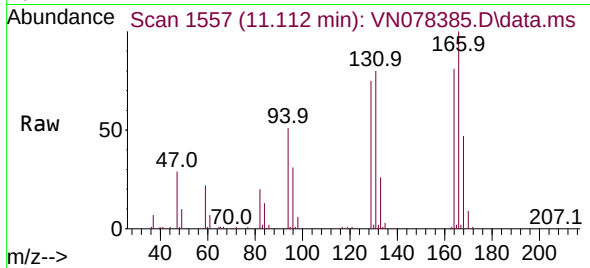
Tgt Ion: 95 Resp: 160885
Ion Ratio Lower Upper
95 100
174 75.2 61.7 92.5
176 71.4 58.1 87.1





#61
Tetrachloroethene
Concen: 18.838 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

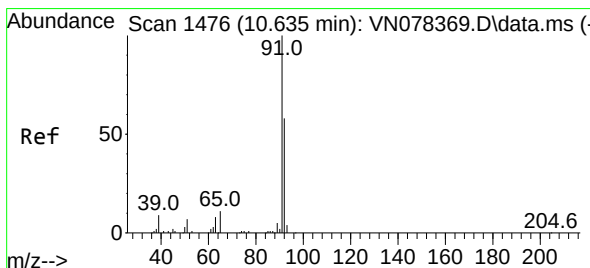
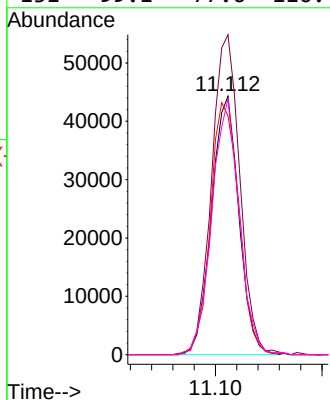
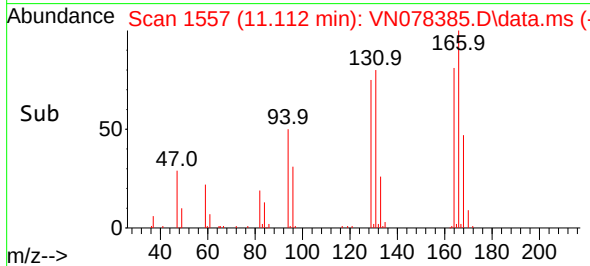
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 7902
Ion Ratio Lower Upper
164 100
166 123.4 99.1 148.7
129 92.5 85.6 128.4
131 99.1 77.6 116.4

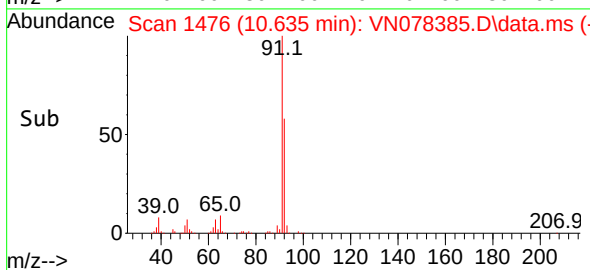
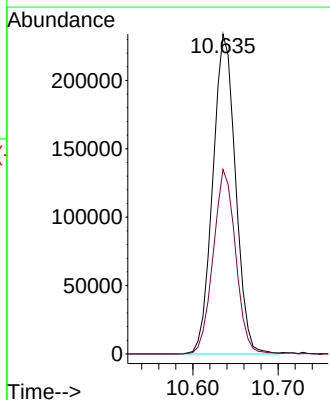
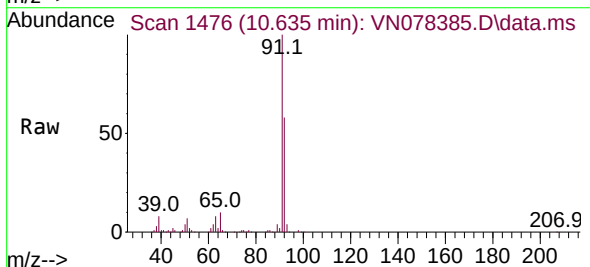
Manual Integrations
APPROVED

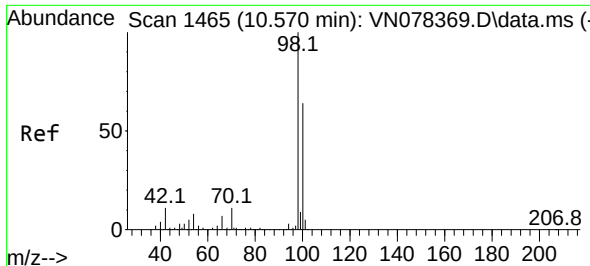
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#62
Toluene
Concen: 19.435 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 91 Resp: 432997
Ion Ratio Lower Upper
91 100
92 57.0 45.2 67.8





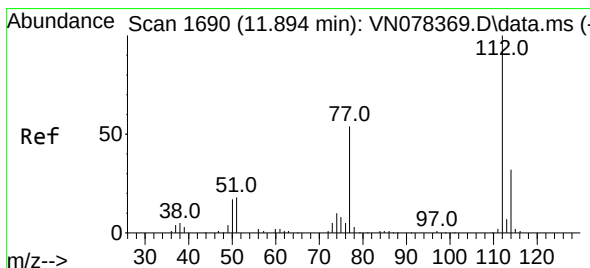
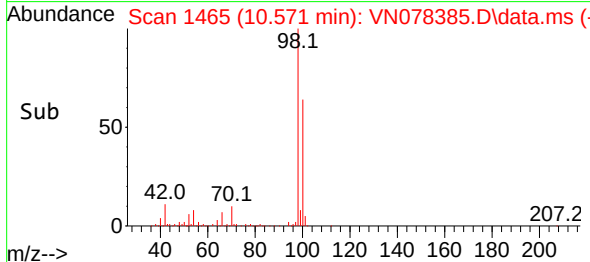
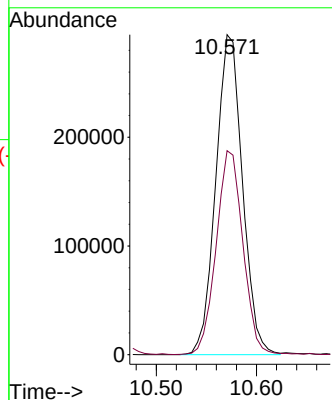
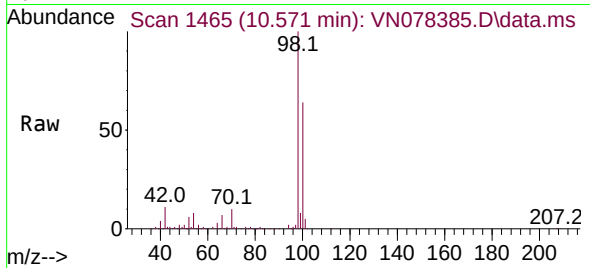
#63
Toluene-d8
Concen: 29.322 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 54386
Ion Ratio Lower Upper
98 100
100 64.0 49.7 74.5

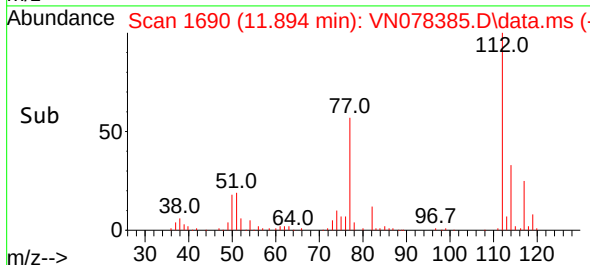
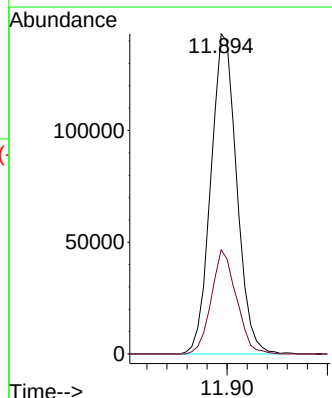
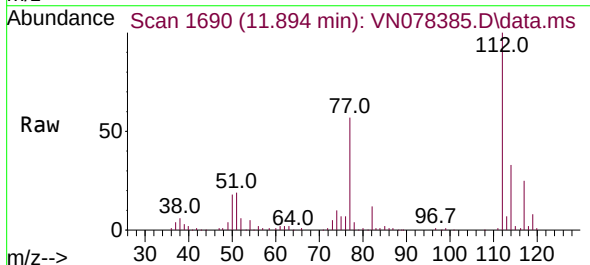
Manual Integrations
APPROVED

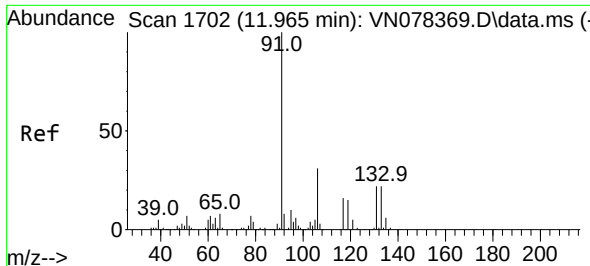
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#64
Chlorobenzene
Concen: 19.426 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:112 Resp: 256527
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9





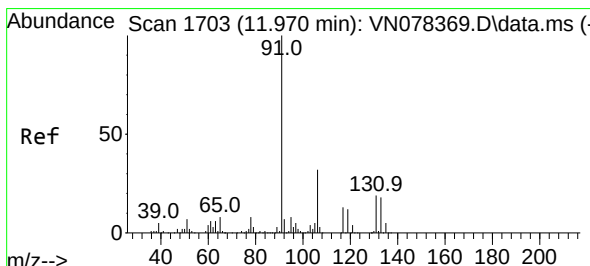
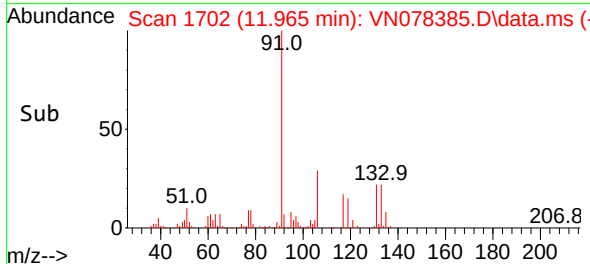
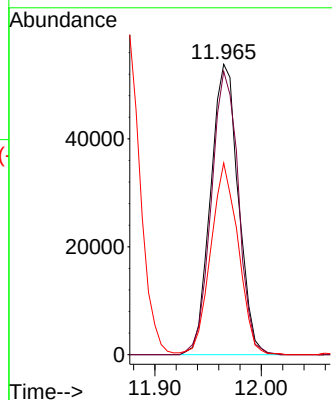
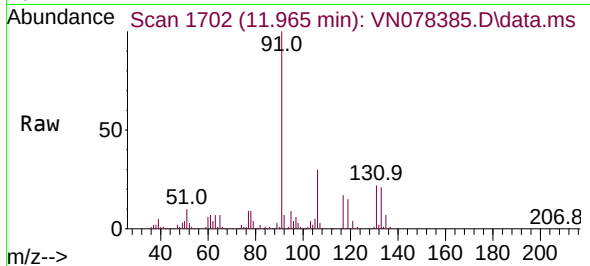
#65
1,1,1,2-Tetrachloroethane
Concen: 19.112 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 9731
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.8
119 65.4 0.0 132.0

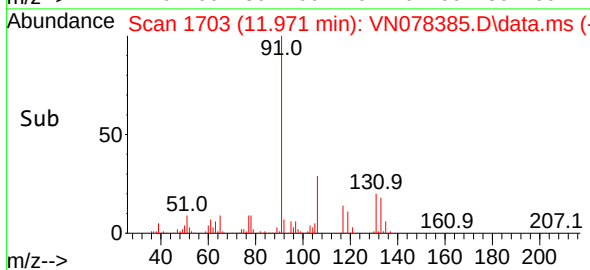
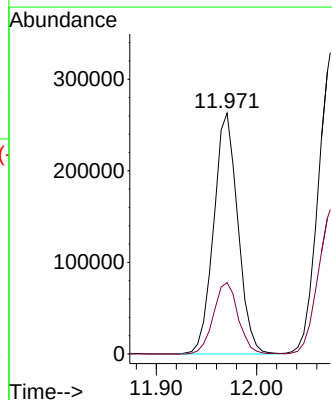
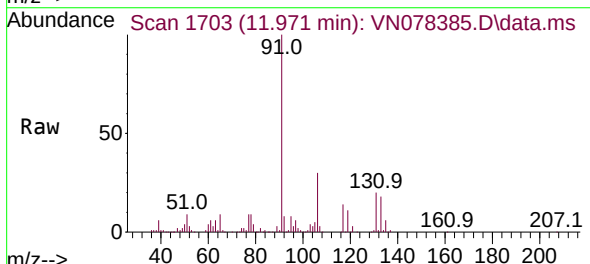
Manual Integrations
APPROVED

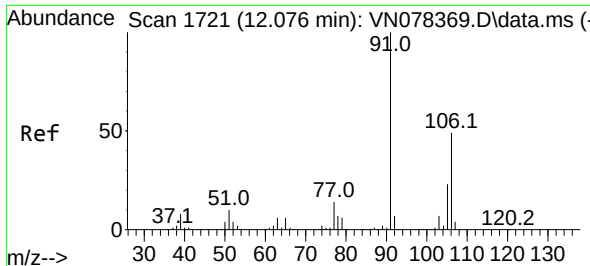
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#66
Ethyl Benzene
Concen: 19.359 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 91 Resp: 438867
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4





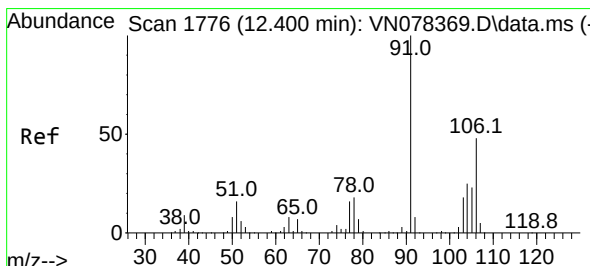
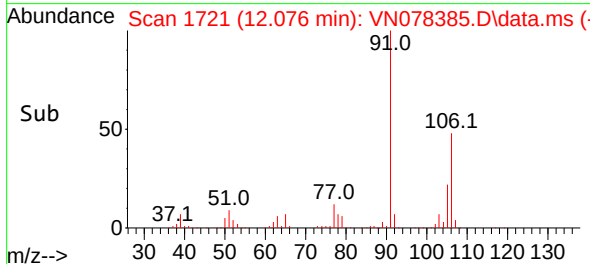
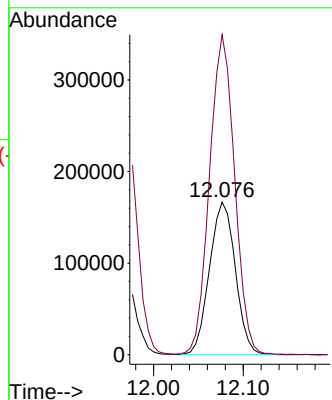
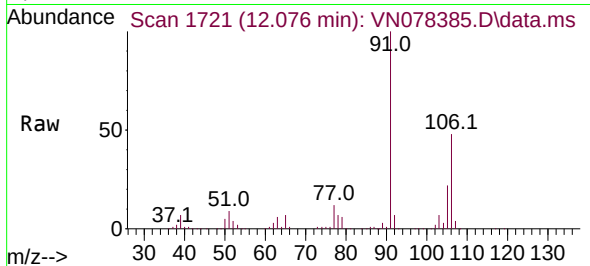
#67
m/p-Xylenes
Concen: 38.935 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 33374
Ion Ratio Lower Upper
106 100
91 203.8 162.5 243.7

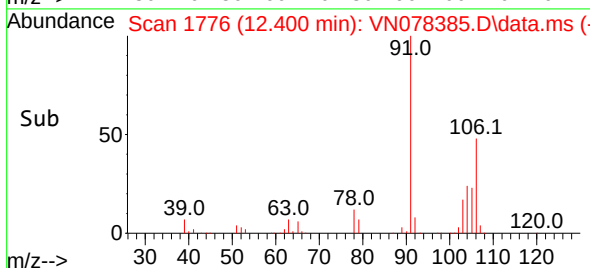
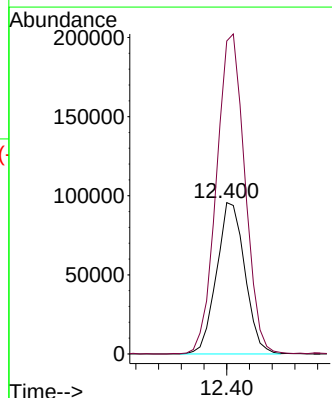
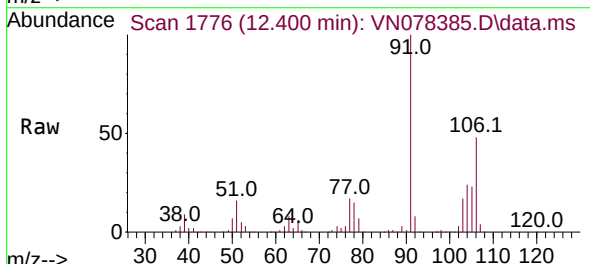
Manual Integrations
APPROVED

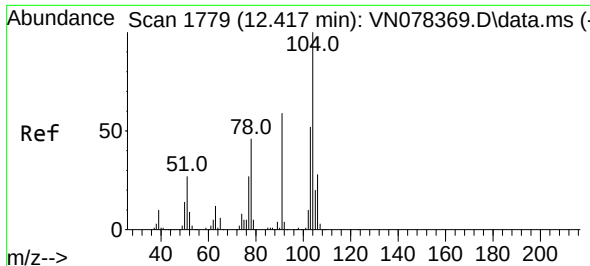
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#68
o-Xylene
Concen: 19.887 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

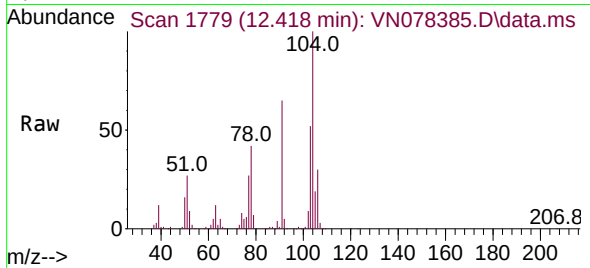
Tgt Ion:106 Resp: 165302
Ion Ratio Lower Upper
106 100
91 213.2 106.1 318.3





#69
Styrene
Concen: 19.618 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

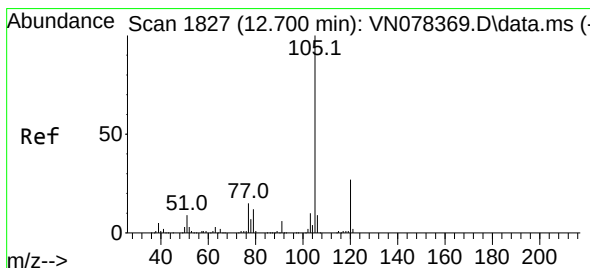
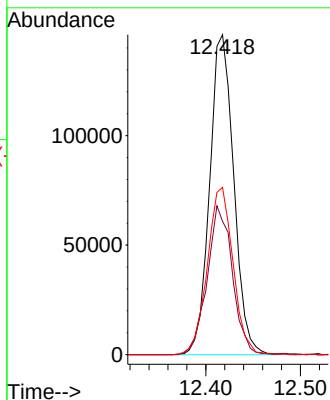
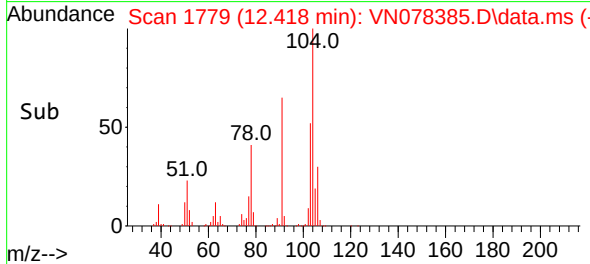
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



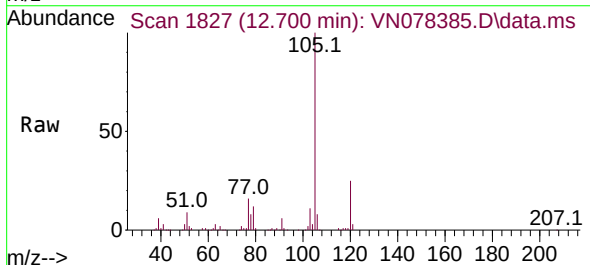
Tgt Ion:104 Resp: 258190
Ion Ratio Lower Upper
104 100
78 48.6 40.1 60.1
103 55.8 45.1 67.7

Manual Integrations
APPROVED

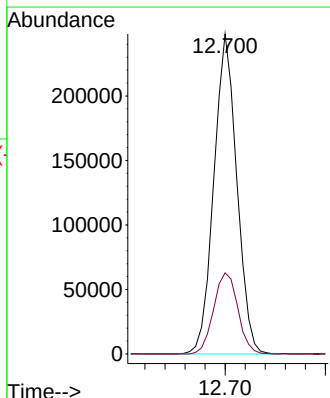
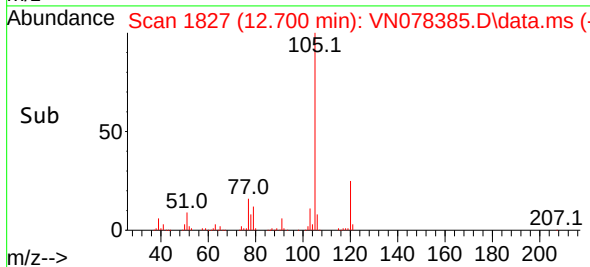
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

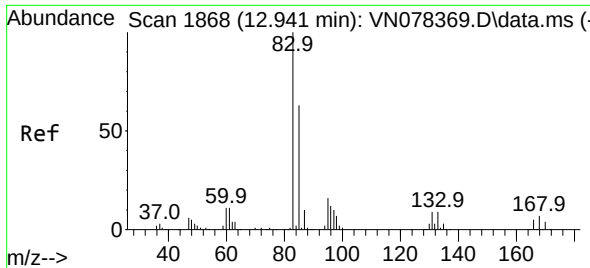


#70
Isopropylbenzene
Concen: 19.256 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



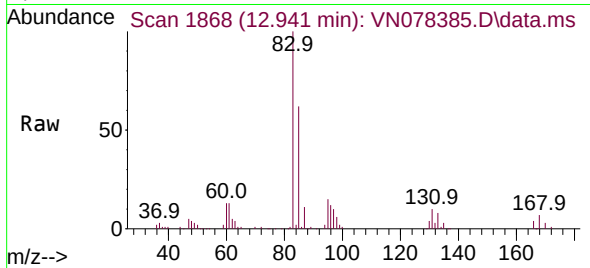
Tgt Ion:105 Resp: 393307
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.630 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

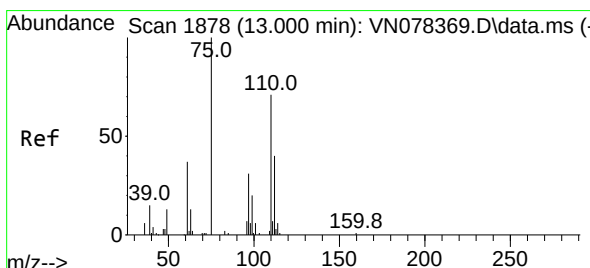
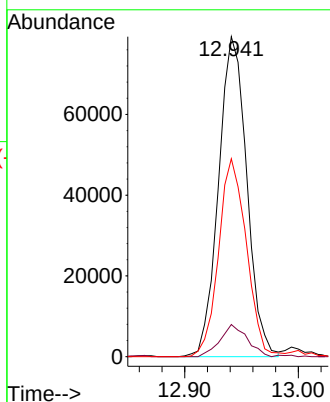
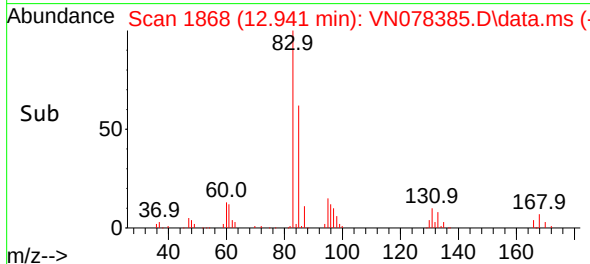
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 137025
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 61.0 32.6 98.0

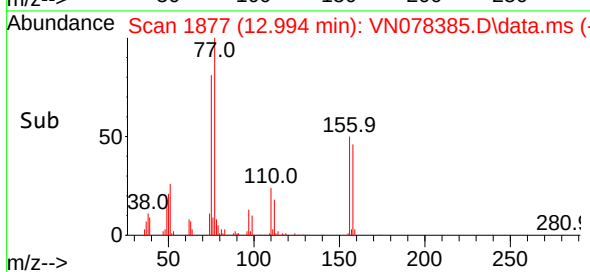
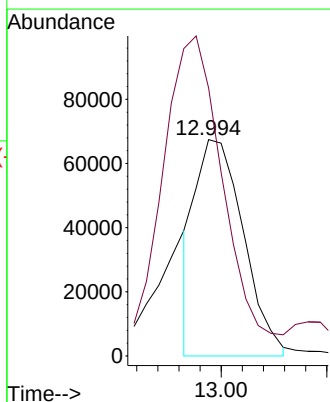
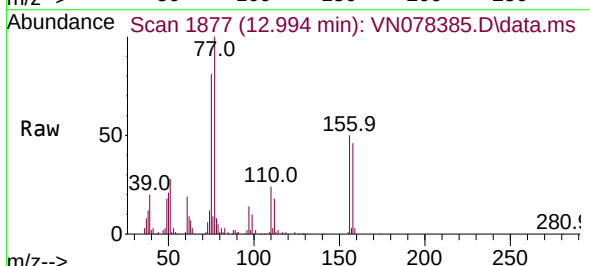
Manual Integrations
APPROVED

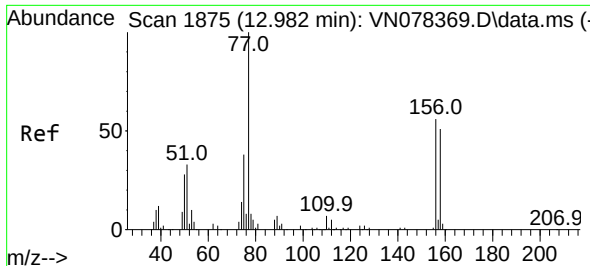
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#72
1,2,3-Trichloropropane
Concen: 19.239 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

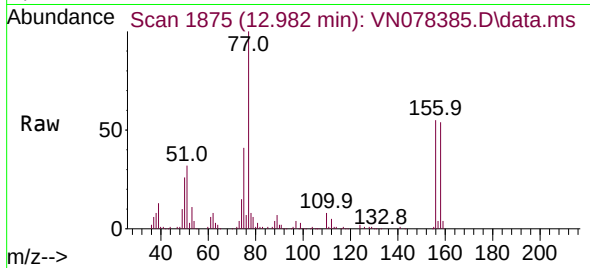
Tgt Ion: 75 Resp: 106514
Ion Ratio Lower Upper
75 100
77 191.0 0.0 387.4





#73
Bromobenzene
Concen: 19.124 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

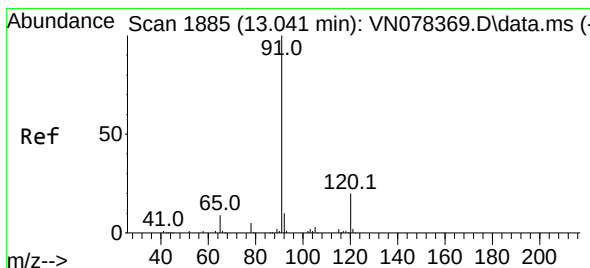
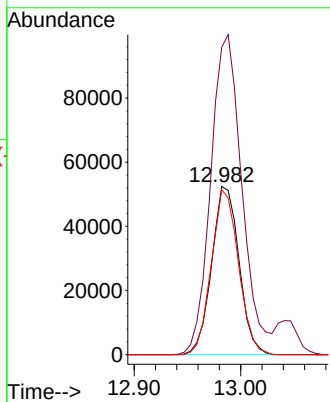
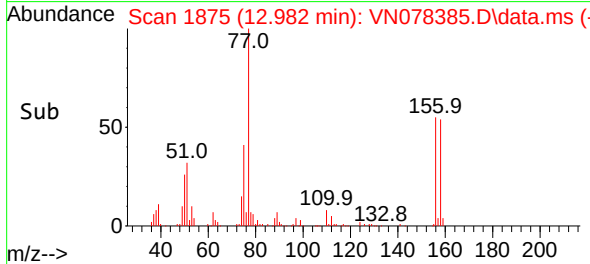
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 93388
Ion Ratio Lower Upper
156 100
77 217.8 0.0 420.8
158 97.1 0.0 193.2

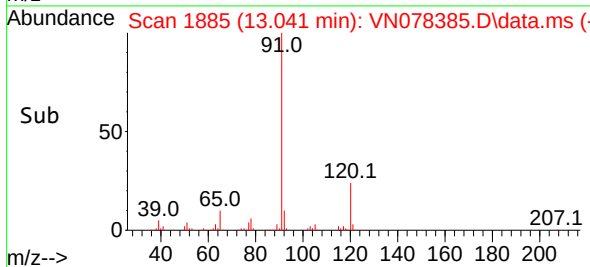
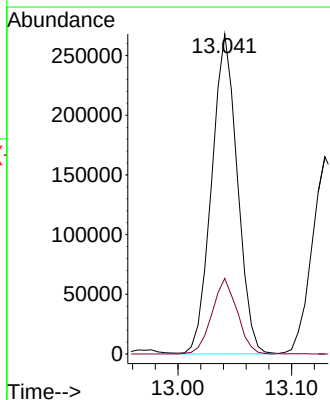
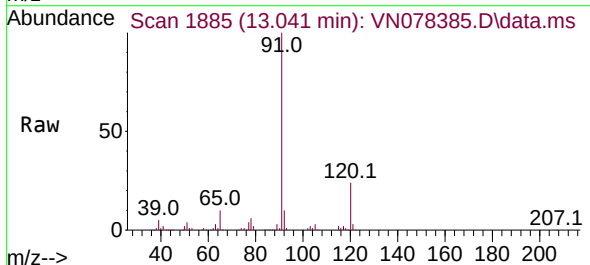
Manual Integrations
APPROVED

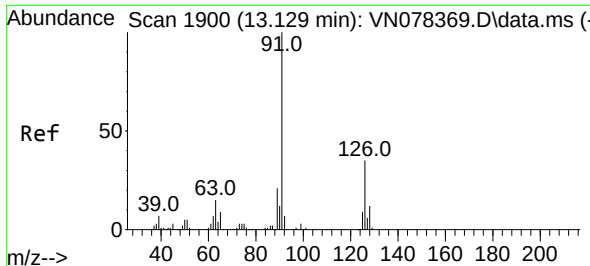
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#74
n-propylbenzene
Concen: 18.984 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 91 Resp: 421642
Ion Ratio Lower Upper
91 100
120 23.1 0.0 44.6





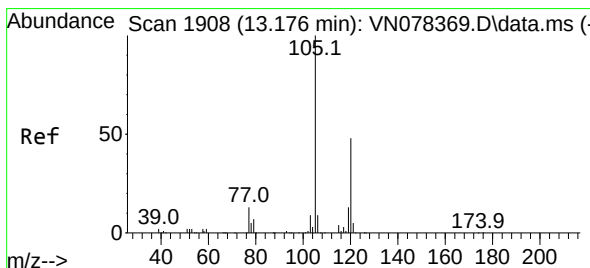
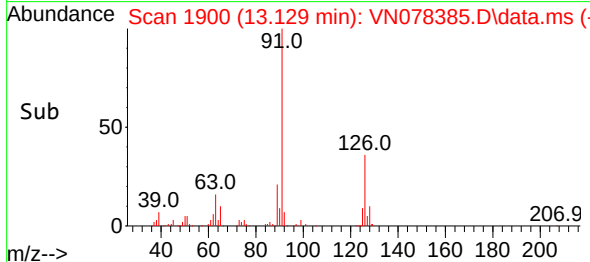
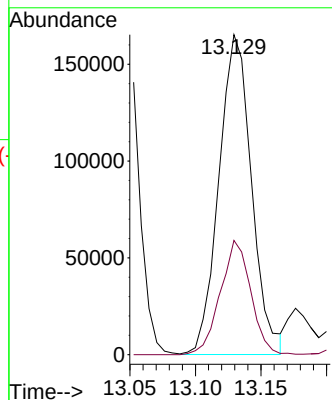
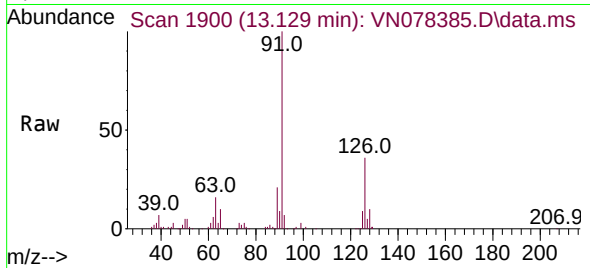
#75
2-Chlorotoluene
Concen: 19.010 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 28581
Ion Ratio Lower Upper
91 100
126 33.4 0.0 67.2

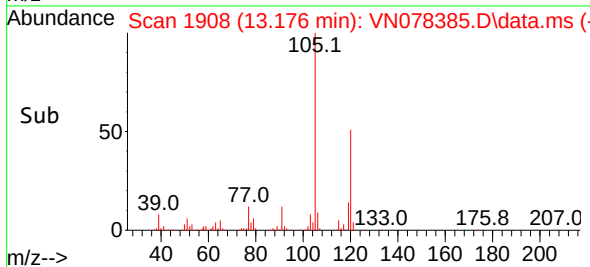
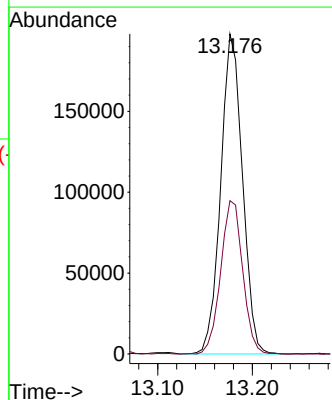
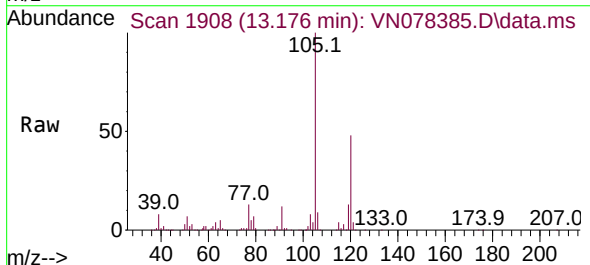
Manual Integrations
APPROVED

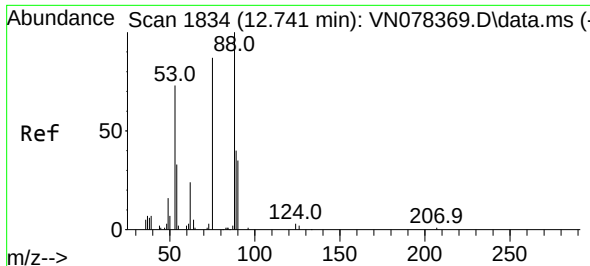
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.646 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

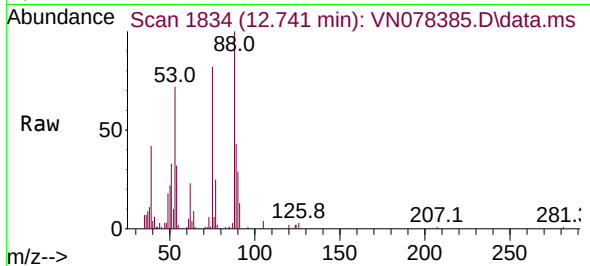
Tgt Ion:105 Resp: 315788
Ion Ratio Lower Upper
105 100
120 48.5 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 17.145 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

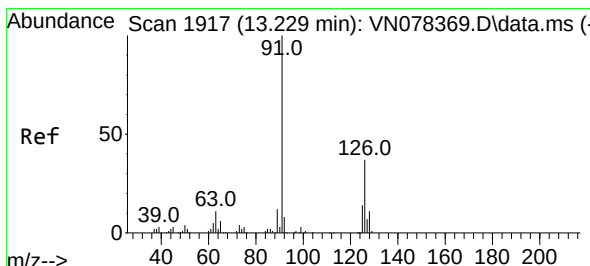
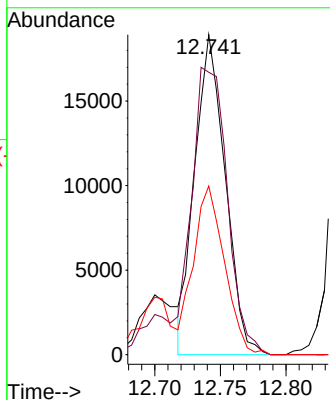
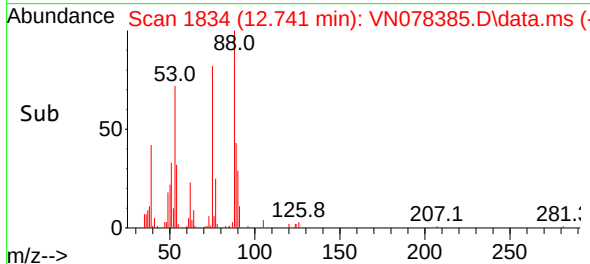
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 3068
Ion Ratio Lower Upper
75 100
53 88.3 41.6 124.9
89 52.7 25.1 75.4

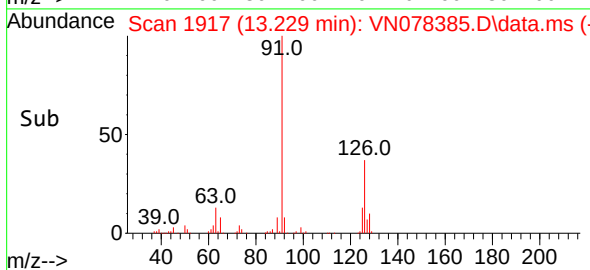
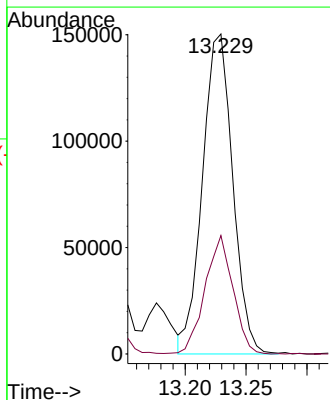
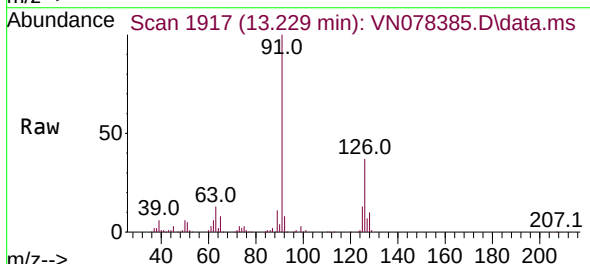
Manual Integrations
APPROVED

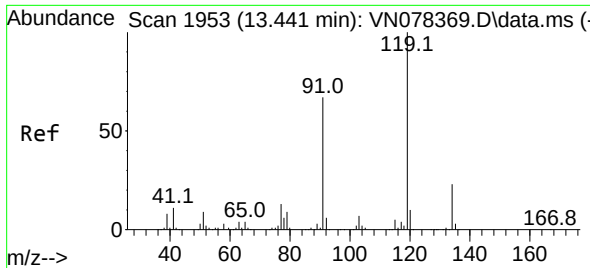
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#78
4-Chlorotoluene
Concen: 18.478 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

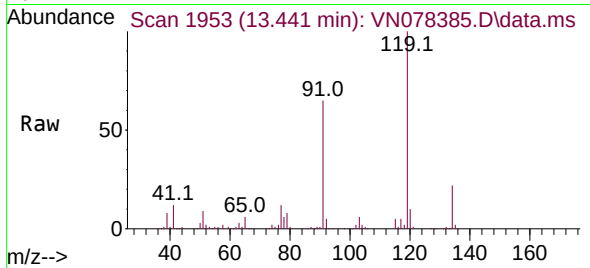
Tgt Ion: 91 Resp: 259978
Ion Ratio Lower Upper
91 100
126 34.2 0.0 68.8





#79
tert-butylbenzene
Concen: 19.400 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

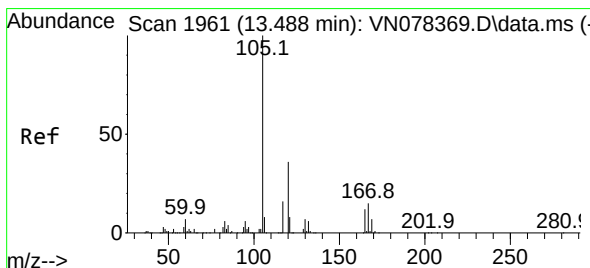
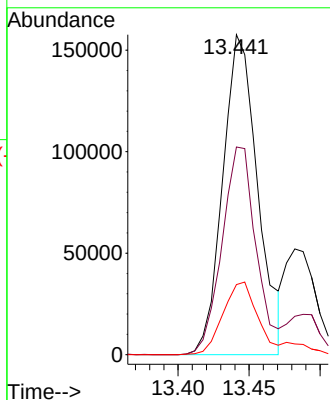
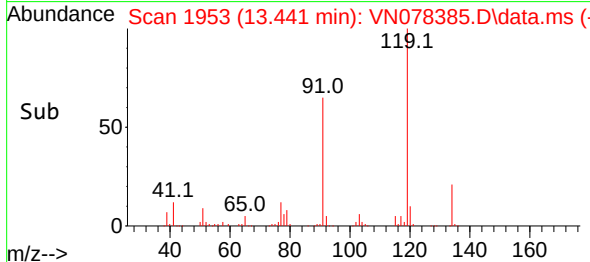
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



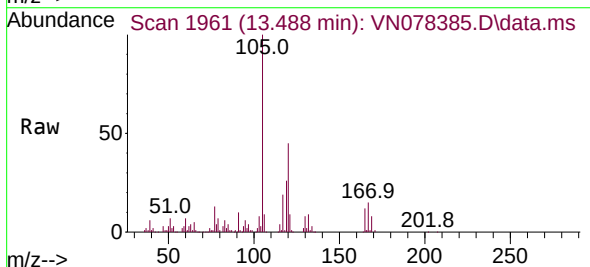
Tgt Ion:119 Resp: 270284
Ion Ratio Lower Upper
119 100
91 63.6 0.0 126.6
134 22.4 0.0 44.0

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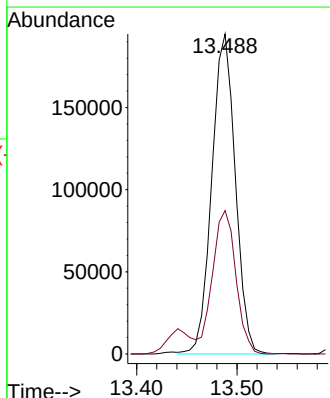
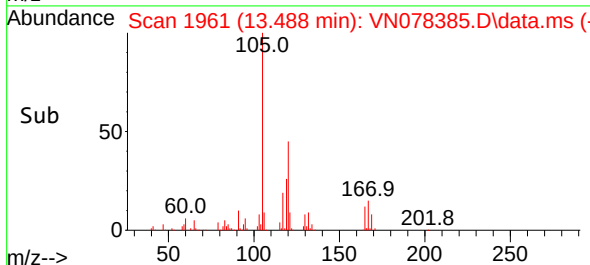
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023

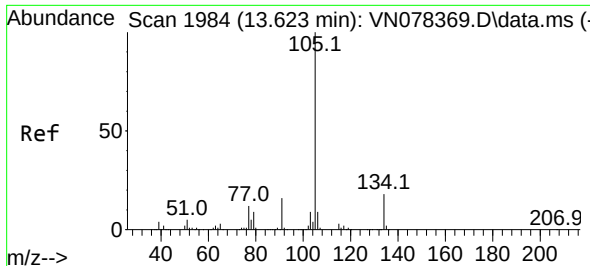


#80
1,2,4-Trimethylbenzene
Concen: 19.759 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03



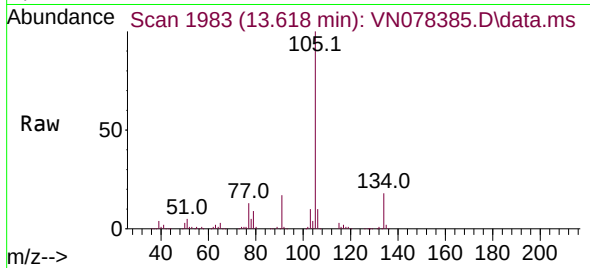
Tgt Ion:105 Resp: 316213
Ion Ratio Lower Upper
105 100
120 44.7 0.0 88.2





#81
 sec-Butylbenzene
 Concen: 19.164 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN078385.D
 Acq: 23 Jun 2023 18:03

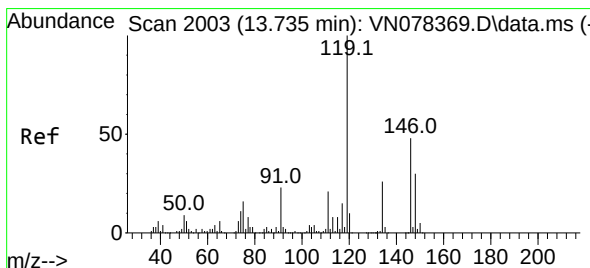
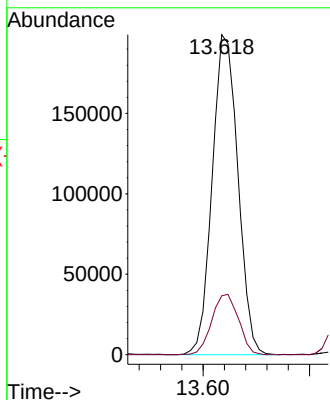
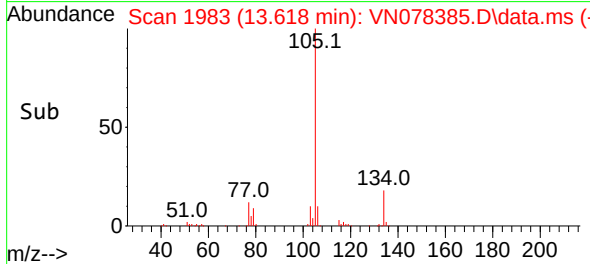
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:105 Resp: 333089
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6

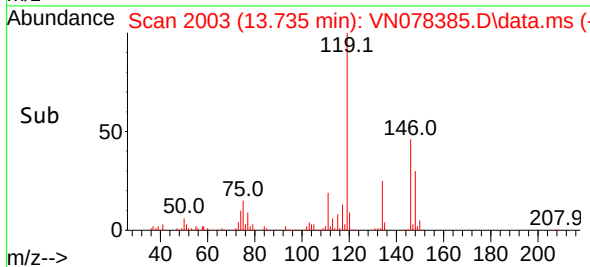
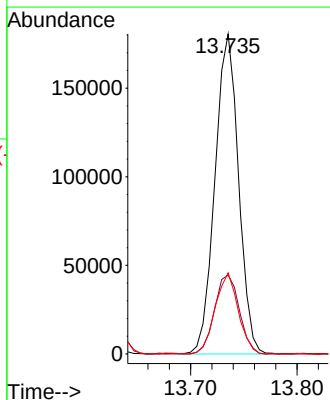
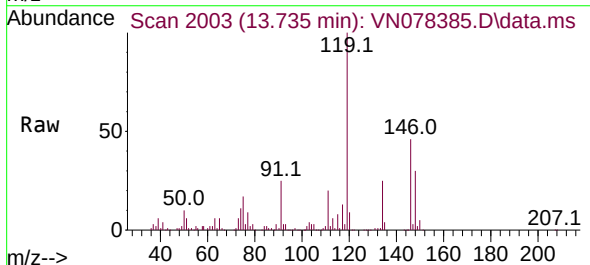
Manual Integrations
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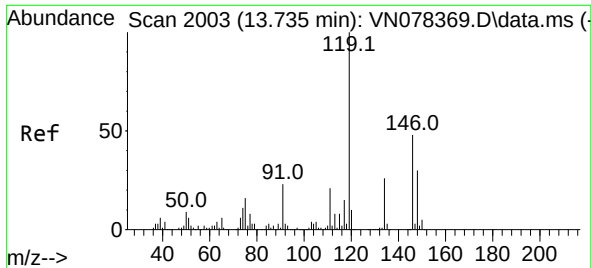
Reviewed By :John Carlone 06/24/2023
 Supervised By :Mahesh Dadoda 06/26/2023



#82
 p-Isopropyltoluene
 Concen: 19.848 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078385.D
 Acq: 23 Jun 2023 18:03

Tgt Ion:119 Resp: 277482
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.4
 91 24.8 0.0 48.2





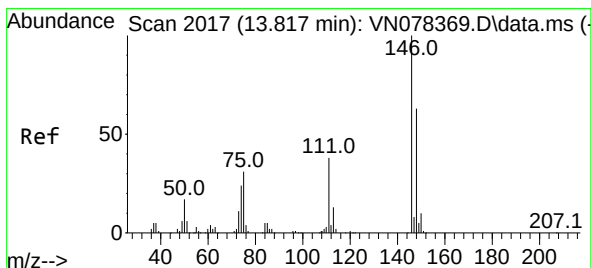
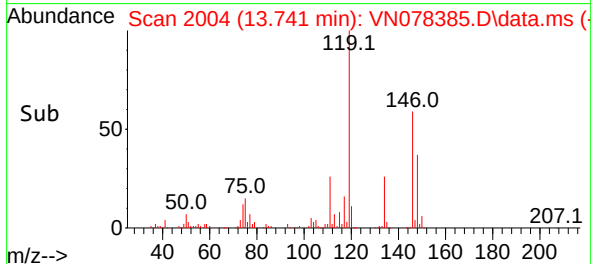
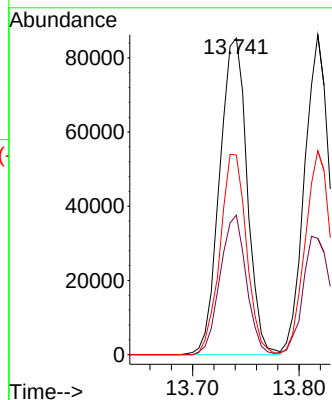
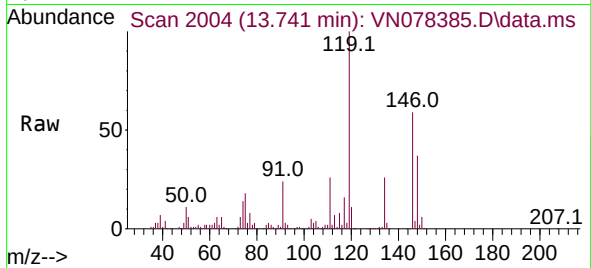
#83
1,3-Dichlorobenzene
Concen: 19.798 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 15323
Ion Ratio Lower Upper
146 100
111 41.9 21.6 64.6
148 60.9 31.9 95.5

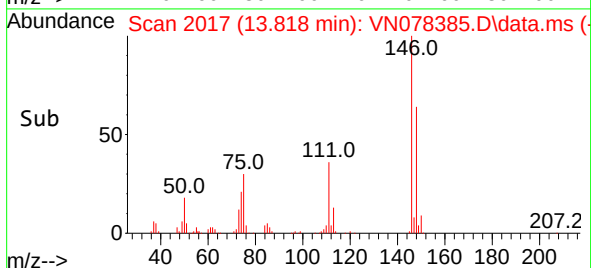
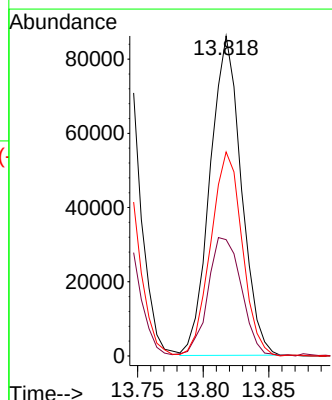
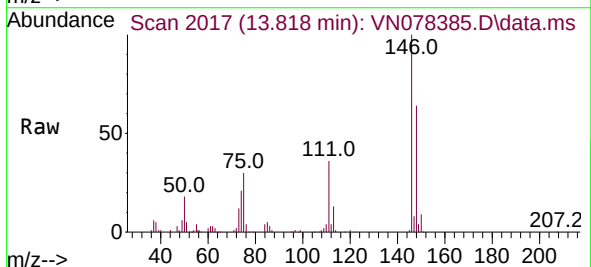
Manual Integrations
APPROVED

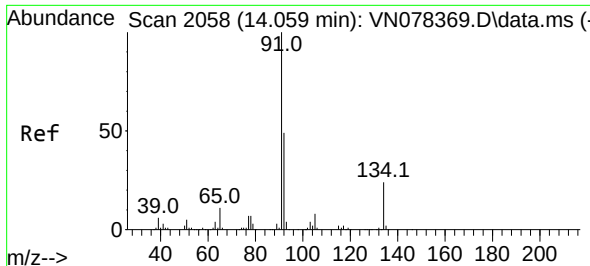
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#84
1,4-Dichlorobenzene
Concen: 19.064 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:146 Resp: 142663
Ion Ratio Lower Upper
146 100
111 39.9 19.4 58.2
148 64.3 31.4 94.3





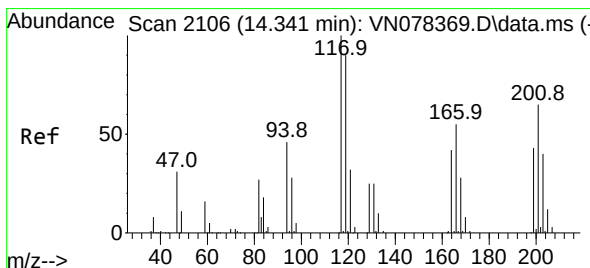
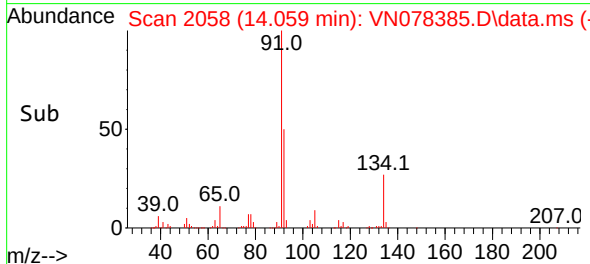
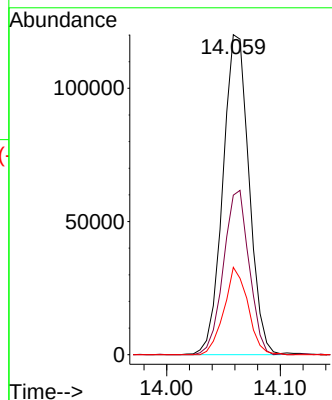
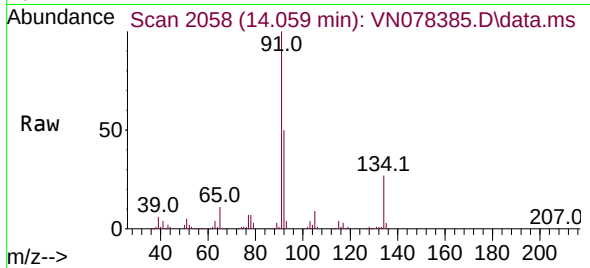
#85
n-Butylbenzene
Concen: 18.619 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 192269
Ion Ratio Lower Upper
91 100
92 50.2 0.0 99.6
134 25.0 0.0 50.0

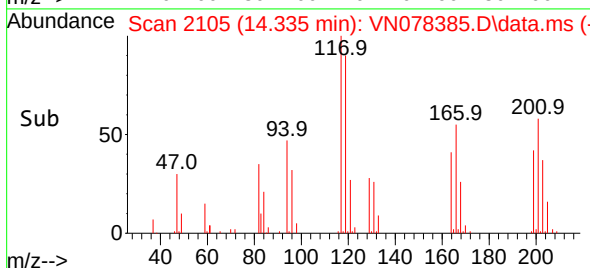
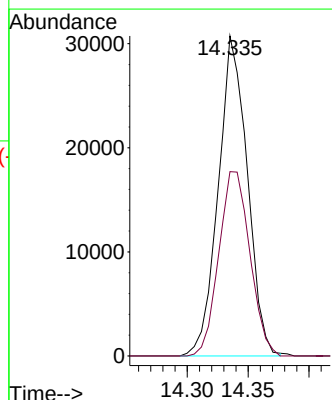
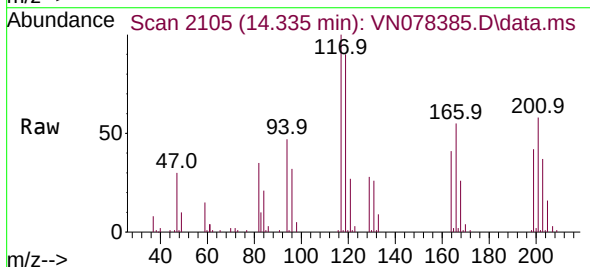
Manual Integrations
APPROVED

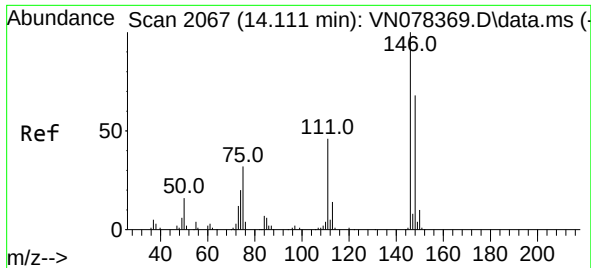
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#86
Hexachloroethane
Concen: 18.931 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:117 Resp: 50940
Ion Ratio Lower Upper
117 100
201 61.8 34.2 102.6





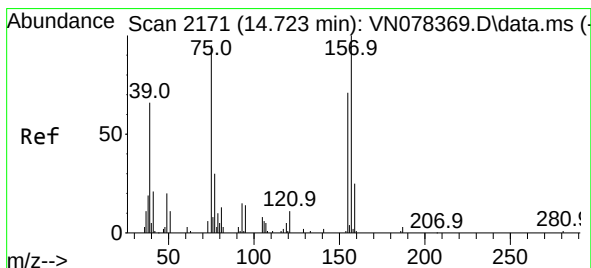
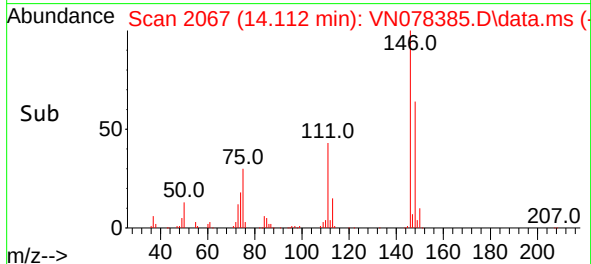
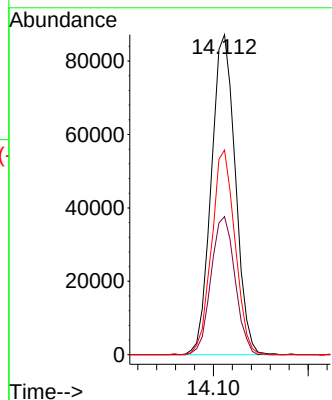
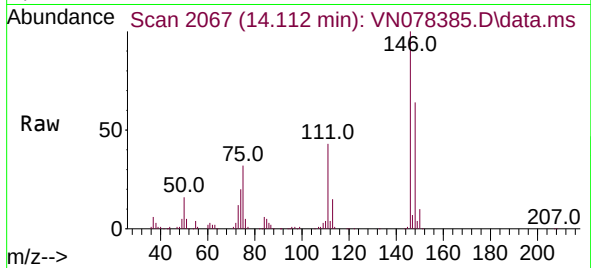
#87
1,2-Dichlorobenzene
Concen: 20.075 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 154015
Ion Ratio Lower Upper
146 100
111 42.9 22.4 67.3
148 62.2 33.4 100.1

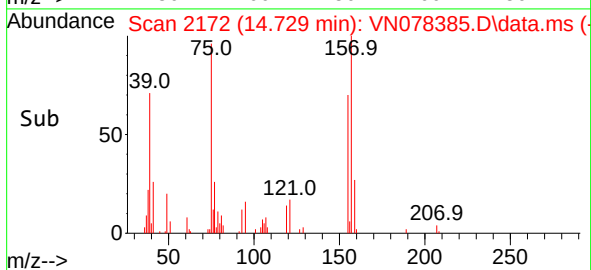
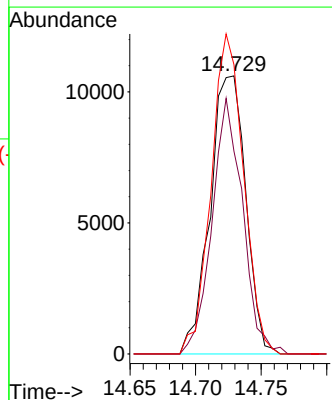
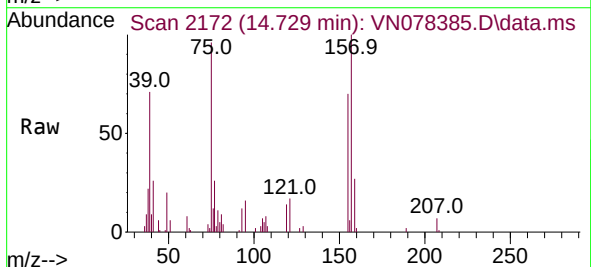
Manual Integrations
APPROVED

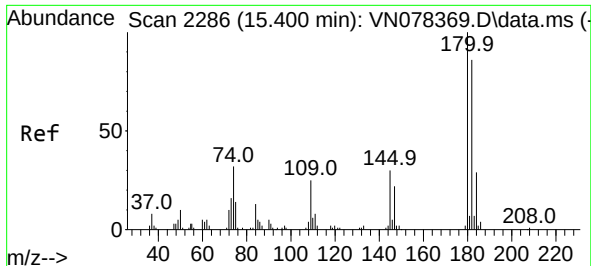
Reviewed By :John Carlone 06/24/2023
Supervised By :Mahesh Dadoda 06/26/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.092 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion: 75 Resp: 20108
Ion Ratio Lower Upper
75 100
155 78.6 68.2 102.2
157 104.8 84.7 127.1





#89

1,2,4-Trichlorobenzene

Concen: 17.018 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:180 Resp: 39809

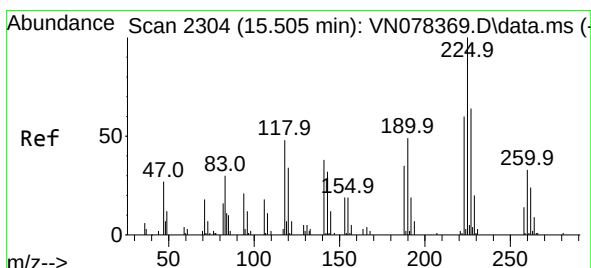
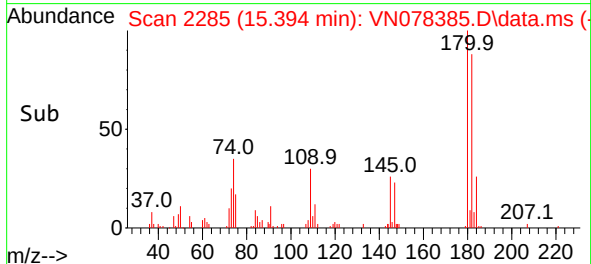
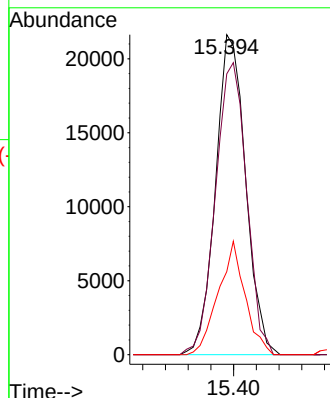
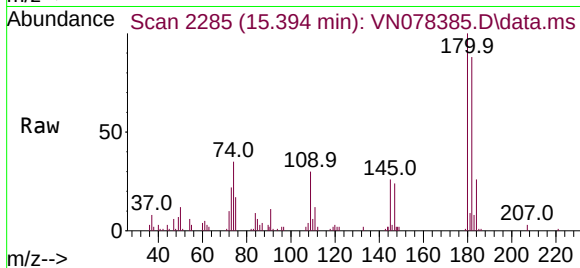
Ion	Ratio	Lower	Upper
180	100		
182	94.2	73.7	110.5
145	31.7	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2023

Supervised By :Mahesh Dadoda 06/26/2023



#90

Hexachlorobutadiene

Concen: 17.766 ug/l

RT: 15.506 min Scan# 2304

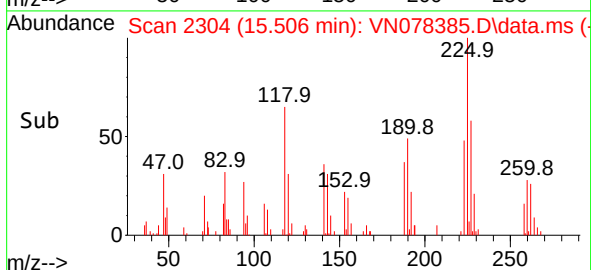
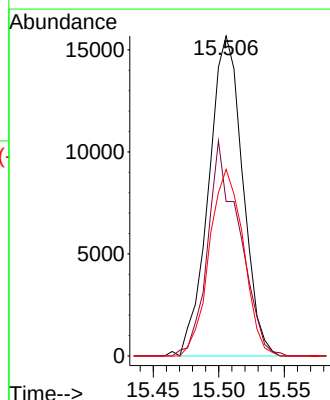
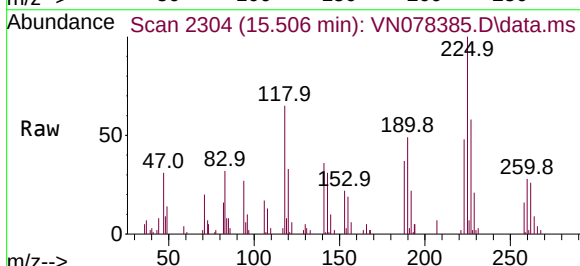
Delta R.T. 0.000 min

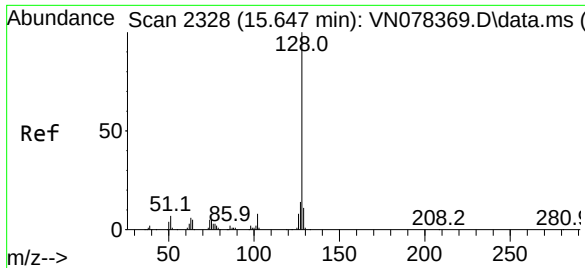
Lab File: VN078385.D

Acq: 23 Jun 2023 18:03

Tgt Ion:225 Resp: 28256

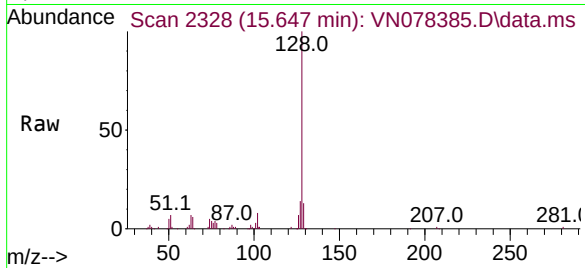
Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	130.0
227	58.5	0.0	124.0





#91
Naphthalene
Concen: 16.516 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

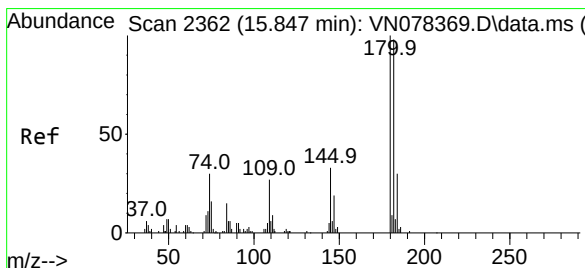
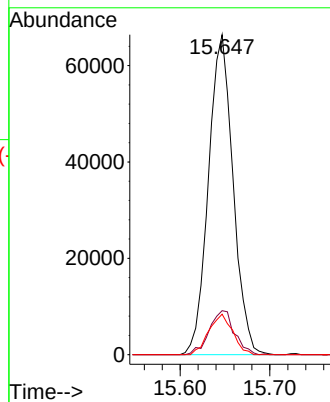
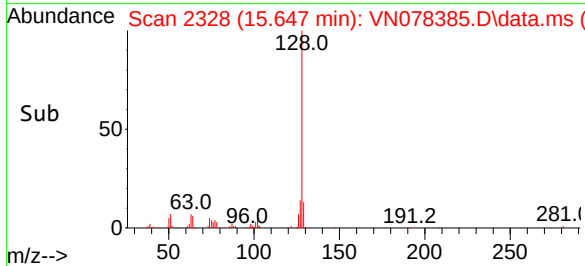
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 126600
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 12.3 9.0 13.4

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



#92
1,2,3-Trichlorobenzene
Concen: 18.290 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078385.D
Acq: 23 Jun 2023 18:03

Tgt Ion:180 Resp: 49498
Ion Ratio Lower Upper
180 100
182 92.3 0.0 196.4
145 36.6 0.0 71.0

