

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
 Data File : VN079115.D
 Acq On : 30 Aug 2023 16:52
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 02:16:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	39392	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	205778	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	192783	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	95485	29.920	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.733%	
60) 4-Bromofluorobenzene	12.853	95	84512	30.052	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	100.167%	
63) Toluene-d8	10.571	98	270481	30.044	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.133%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	45627	18.356	ug/l	90
3) Chloromethane	2.365	50	54159	18.180	ug/l	95
4) Vinyl Chloride	2.512	62	57404	19.469	ug/l	95
5) Bromomethane	2.942	94	36899	20.275	ug/l	98
6) Chloroethane	3.112	64	38783	20.242	ug/l	90
7) Trichlorofluoromethane	3.495	101	74841	18.846	ug/l	95
8) Diethyl Ether	3.959	74	15493	10.373	ug/l	29
9) 1,1,2-Trichlorotrifluo...	4.365	101	42764	20.619	ug/l	88
10) 1,1-Dichloroethene	4.336	96	38102	18.261	ug/l	90
11) Methyl Iodide	4.589	142	47662	18.929	ug/l	99
12) Methyl Acetate	5.030	43	95313	19.488	ug/l	93
13) Acrolein	4.177	56	13665	40.087	ug/l #	61
14) Acrylonitrile	5.730	53	123180	95.812	ug/l #	92
15) Acetone	4.436	58	34964	88.656	ug/l	89
16) Carbon Disulfide	4.712	76	105970	17.676	ug/l	99
17) Allyl chloride	5.024	41	69189	18.092	ug/l	93
18) Methylene Chloride	5.271	84	49025	19.654	ug/l	87
19) trans-1,2-Dichloroethene	5.789	96	44018	18.744	ug/l	97
20) Diisopropyl ether	6.677	45	161313	19.391	ug/l #	90
21) 1,1-Dichloroethane	6.577	63	91260	19.769	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	53211	19.798	ug/l	99
23) tert-Butyl Alcohol	5.530	59	45833	95.573	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	137108	18.511	ug/l	99
25) Chloroform	7.971	83	94805	20.387	ug/l	99
26) Cyclohexane	8.265	56	66295	19.633	ug/l #	96
29) 1,1-Dichloropropene	8.377	75	65565	20.945	ug/l	97
30) 2-Butanone	7.488	43	181629	99.114	ug/l	100
31) 2,2-Dichloropropane	7.494	77	71747	20.739	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	78124	20.904	ug/l	99
33) Carbon Tetrachloride	8.365	117	69898	21.592	ug/l	97
34) Benzene	8.612	78	196512	20.948	ug/l	96
35) Methacrylonitrile	7.783	41	37671	19.287	ug/l	89
36) 1,2-Dichloroethane	8.677	62	75013	21.354	ug/l	98
37) Trichloroethene	9.359	130	47098	20.170	ug/l	92
38) Methylcyclohexane	9.600	83	58338	21.168	ug/l	99
39) 1,2-Dichloropropane	9.624	63	54455	21.551	ug/l	95
40) Dibromomethane	9.706	93	37826	22.333	ug/l	95
41) Bromodichloromethane	9.894	83	75106	22.050	ug/l	99
42) Vinyl Acetate	6.612	43	506022	97.939	ug/l	99

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 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	72844	20.490	ug/l	96
44) Isopropyl Acetate	8.694	43	126443	20.185	ug/l	99
45) 1,4-Dioxane	9.700	88	20400	432.756	ug/l	97
46) Methyl methacrylate	9.682	41	56327	20.408	ug/l	95
47) n-amyl Acetate	12.500	43	97047	20.188	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	75048	20.687	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	82026	21.086	ug/l	97
50) 1,1,2-Trichloroethane	11.023	97	50481	22.055	ug/l	91
51) Ethyl methacrylate	10.876	69	69571	19.638	ug/l	96
52) 1,3-Dichloropropane	11.165	76	89116	21.737	ug/l	100
53) Dibromochloromethane	11.365	129	53864	21.501	ug/l	100
54) 1,2-Dibromoethane	11.476	107	50426	21.459	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	164001	100.155	ug/l	99
56) Bromoform	12.582	173	38515	21.791	ug/l	97
58) 4-Methyl-2-Pentanone	10.453	43	385603	100.814	ug/l	98
59) 2-Hexanone	11.200	43	275053	98.148	ug/l	97
61) Tetrachloroethene	11.112	164	40622	21.762	ug/l	94
62) Toluene	10.635	91	213411	20.277	ug/l	98
64) Chlorobenzene	11.894	112	127763	20.189	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	49586	20.493	ug/l	95
66) Ethyl Benzene	11.970	91	221257	20.097	ug/l	99
67) m/p-Xylenes	12.076	106	171772	41.846	ug/l	99
68) o-Xylene	12.400	106	81258	20.077	ug/l	97
69) Styrene	12.418	104	138012	20.985	ug/l	98
70) Isopropylbenzene	12.700	105	206180	21.024	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	79284	21.567	ug/l	97
72) 1,2,3-Trichloropropane	13.000	75	60736m	20.138	ug/l	
73) Bromobenzene	12.988	156	53422	21.398	ug/l	95
74) n-propylbenzene	13.041	91	241683	21.745	ug/l	99
75) 2-Chlorotoluene	13.129	91	150574	21.356	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	178079	22.907	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	22477	20.055	ug/l	89
78) 4-Chlorotoluene	13.223	91	144929	21.455	ug/l	100
79) tert-butylbenzene	13.441	119	138986	21.157	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	172396	22.553	ug/l	100
81) sec-Butylbenzene	13.623	105	200587	23.137	ug/l	98
82) p-Isopropyltoluene	13.735	119	160660	22.697	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	90075	22.356	ug/l	94
84) 1,4-Dichlorobenzene	13.817	146	82951	20.969	ug/l	97
85) n-Butylbenzene	14.064	91	120547	21.653	ug/l	99
86) Hexachloroethane	14.335	117	33069	22.833	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	87095	21.105	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.729	75	12030	18.232	ug/l	89
89) 1,2,4-Trichlorobenzene	15.841	180	29772	18.267	ug/l	94
90) Hexachlorobutadiene	15.506	225	19067	22.471	ug/l	95
91) Naphthalene	15.647	128	69863	14.862	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	29772	18.267	ug/l	94

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

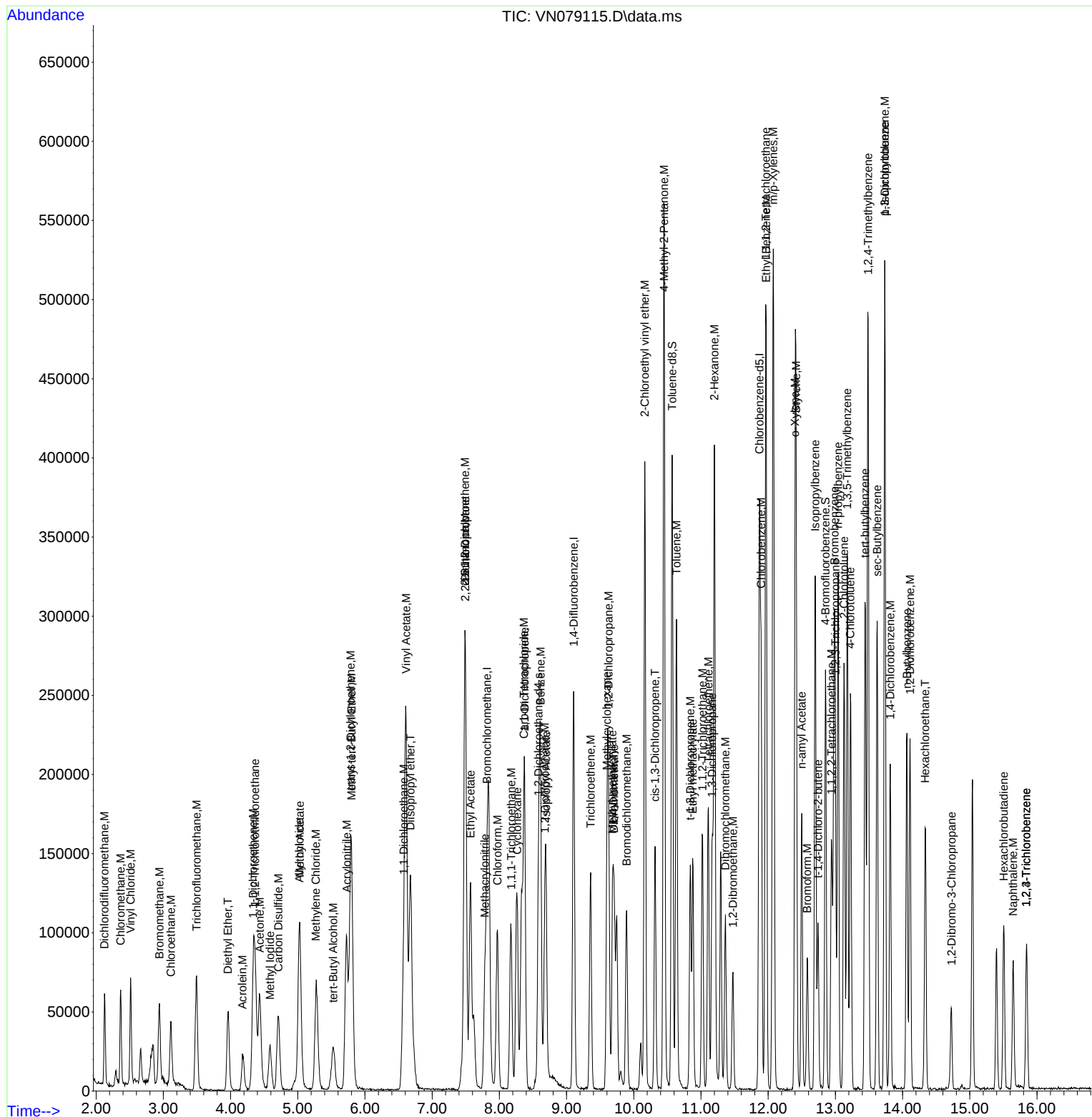
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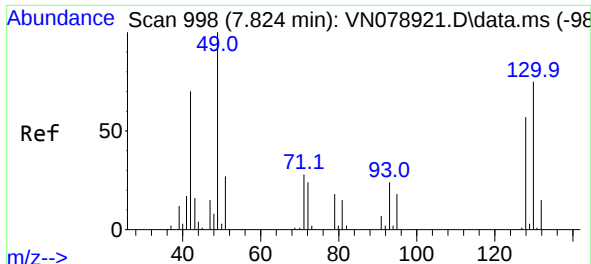
Instrument :
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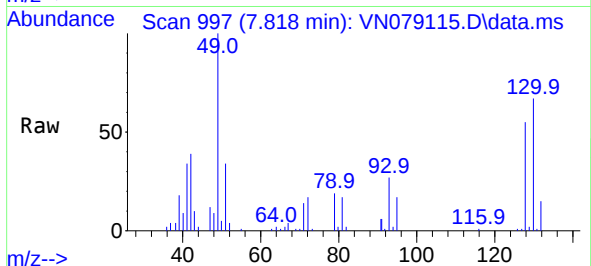
Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

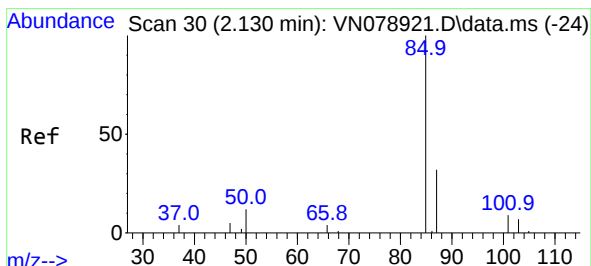
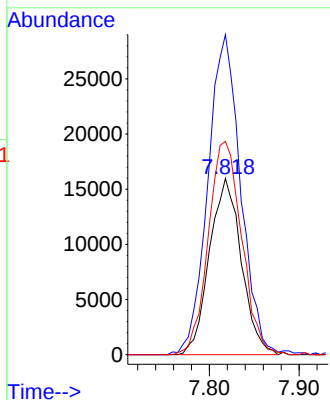
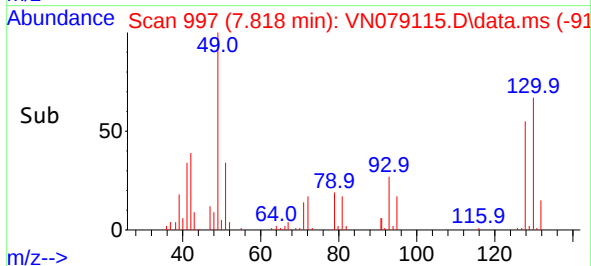
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MSVOA_N
ClientSampleId :
VSTDCCC020EC



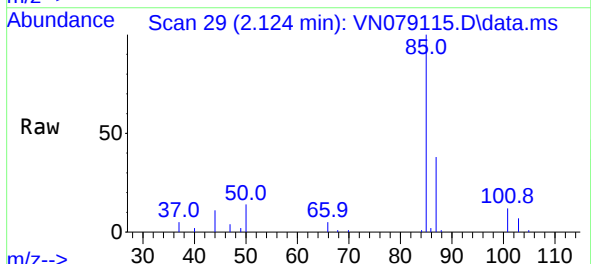
Tgt Ion:128 Resp: 39392
Ion Ratio Lower Upper
128 100
49 186.2 0.0 481.8
130 126.9 0.0 320.5

Manual Integrations
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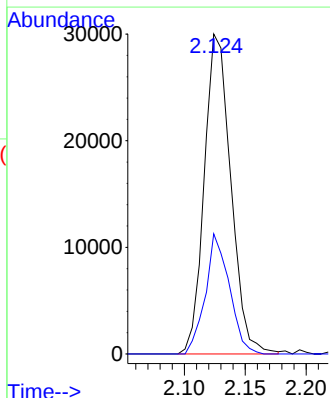
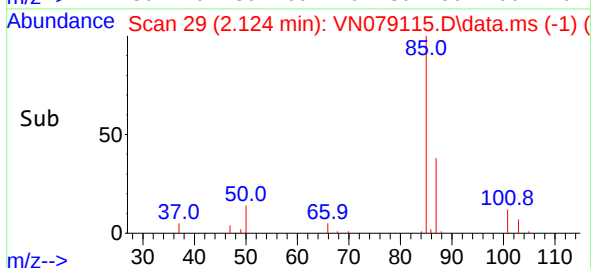
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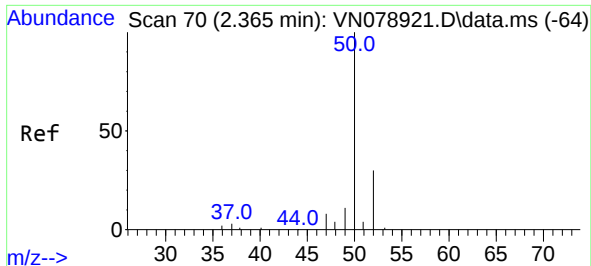


#2
Dichlorodifluoromethane
Concen: 18.356 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



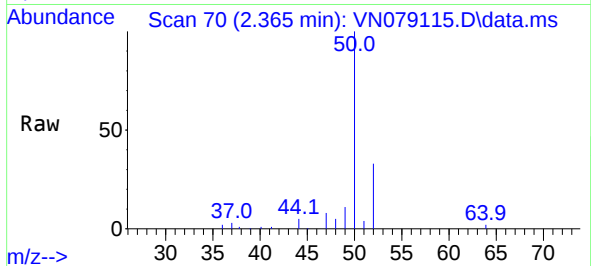
Tgt Ion: 85 Resp: 45627
Ion Ratio Lower Upper
85 100
87 37.6 15.9 47.7





#3
Chloromethane
Concen: 18.180 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

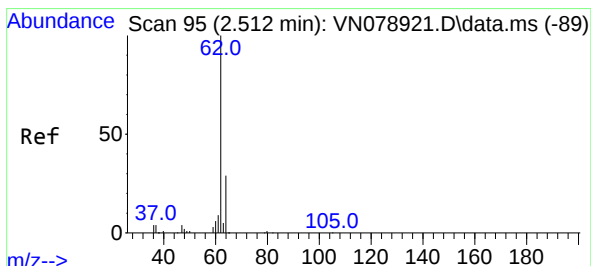
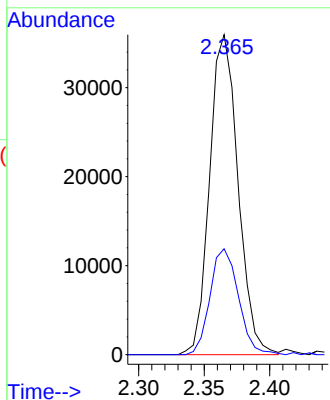
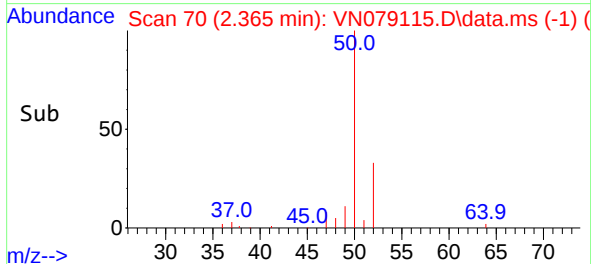
Instrument :
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Tgt Ion: 50 Resp: 54159
Ion Ratio Lower Upper
50 100
52 33.1 24.2 36.4

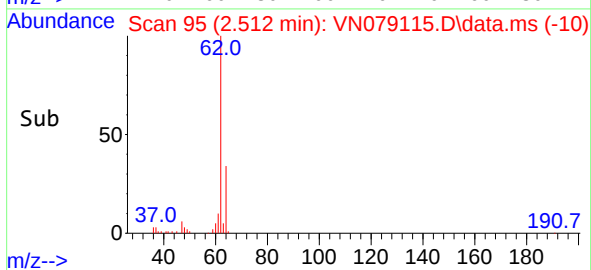
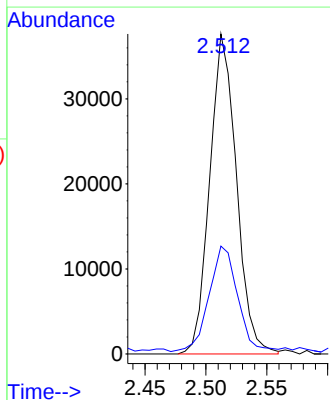
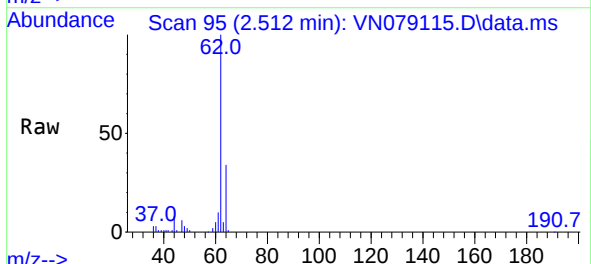
Manual Integrations
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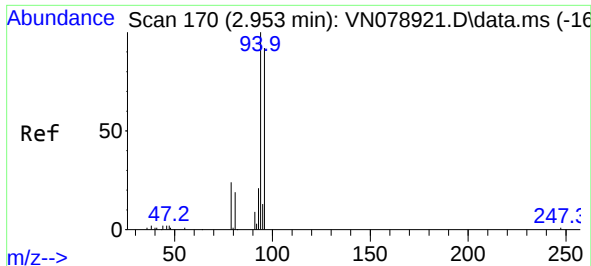
Reviewed By :John Carlone 08/31/2023
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#4
Vinyl Chloride
Concen: 19.469 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

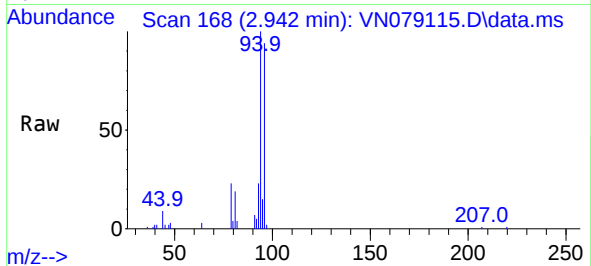
Tgt Ion: 62 Resp: 57404
Ion Ratio Lower Upper
62 100
64 32.5 23.8 35.8





#5
Bromomethane
Concen: 20.275 ug/l
RT: 2.942 min Scan# 10
Delta R.T. -0.012 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

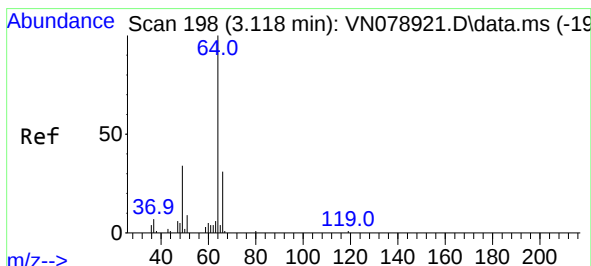
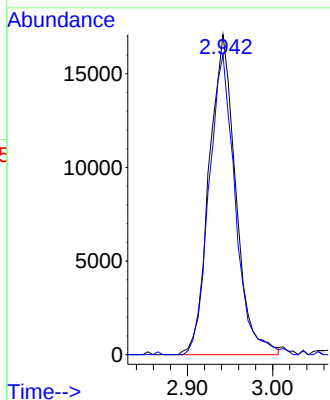
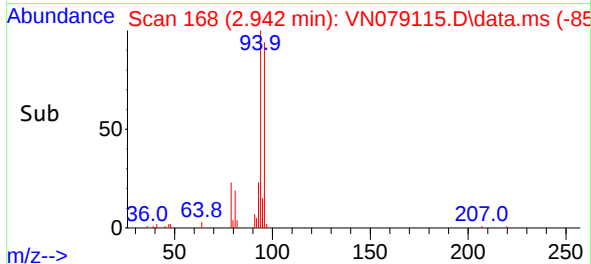
Instrument :
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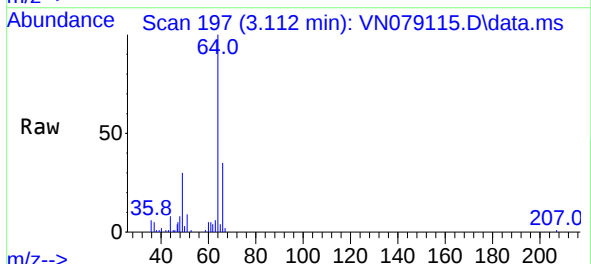
Tgt Ion: 94 Resp: 3689
Ion Ratio Lower Upper
94 100
96 93.8 73.6 110.4

Manual Integrations
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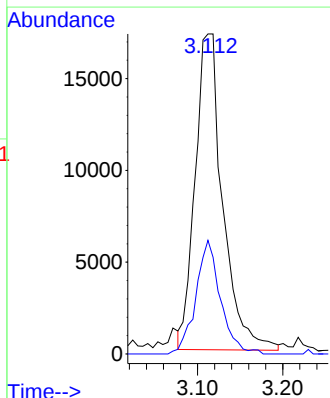
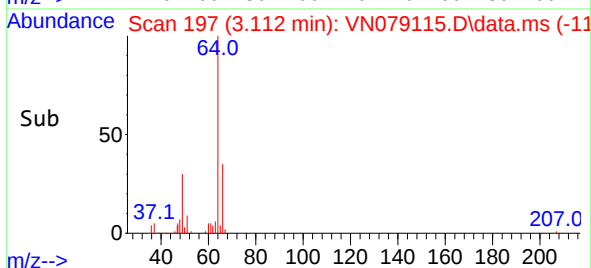
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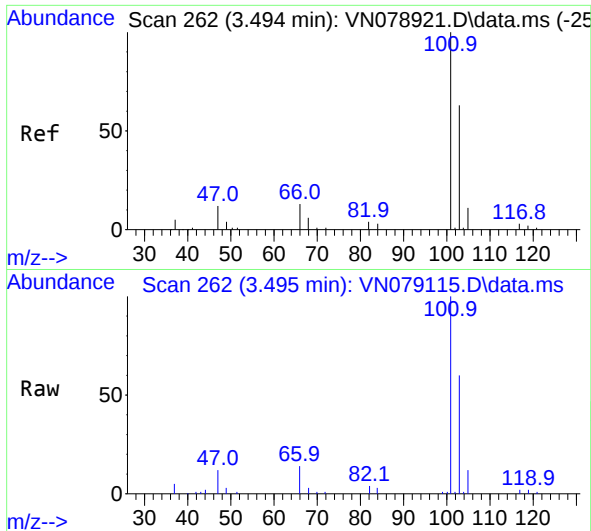


#6
Chloroethane
Concen: 20.242 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion: 64 Resp: 38783
Ion Ratio Lower Upper
64 100
66 36.5 24.9 37.3





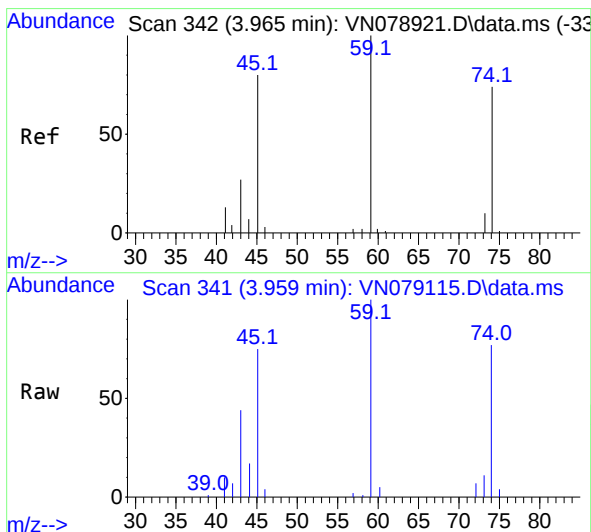
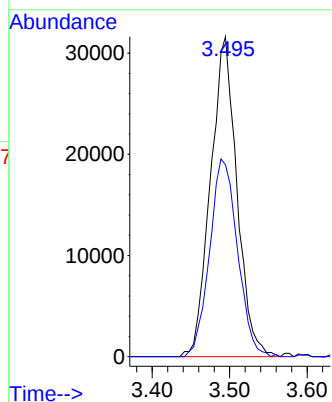
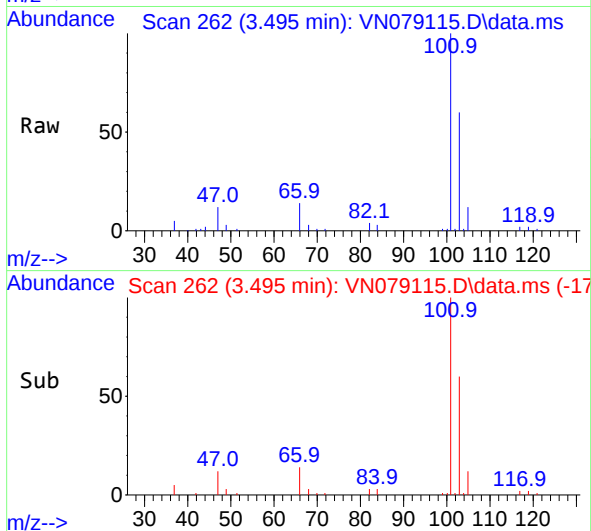
#7
Trichlorofluoromethane
Concen: 18.846 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 7484
Ion Ratio Lower Upper
101 100
103 59.9 50.9 76.3

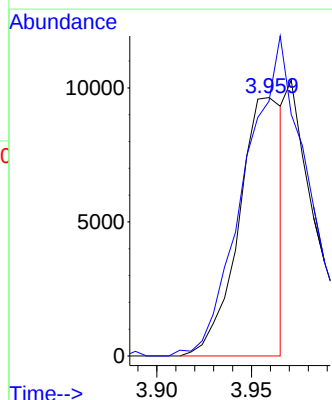
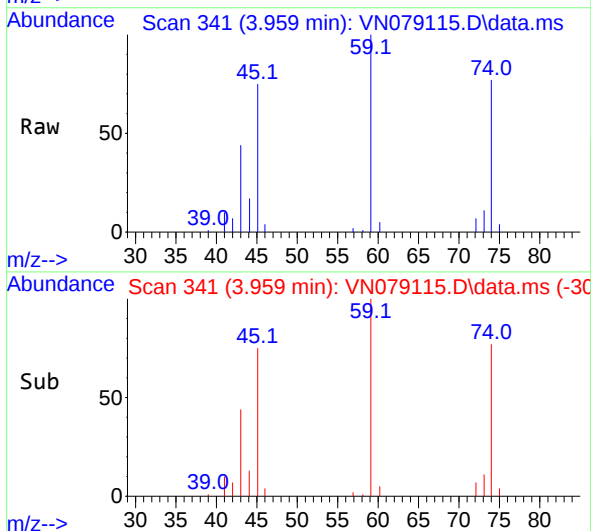
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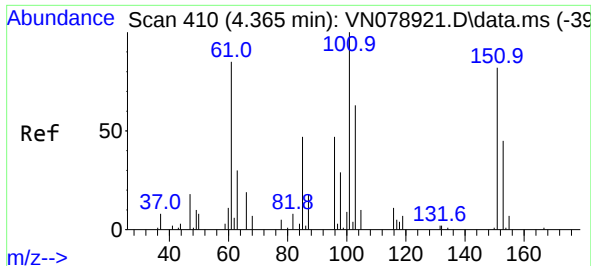
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#8
Diethyl Ether
Concen: 10.373 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

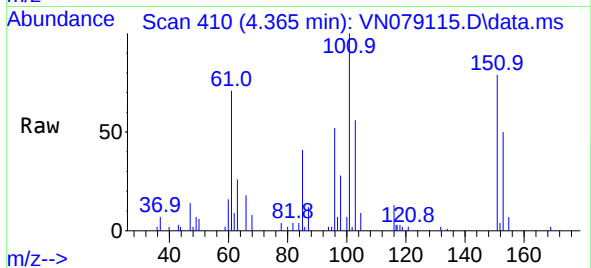
Tgt Ion: 74 Resp: 15493
Ion Ratio Lower Upper
74 100
45 180.0 21.3 191.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.619 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN079115.D
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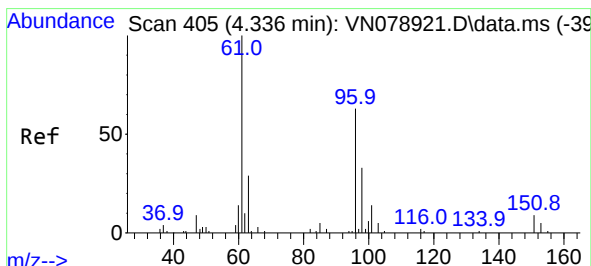
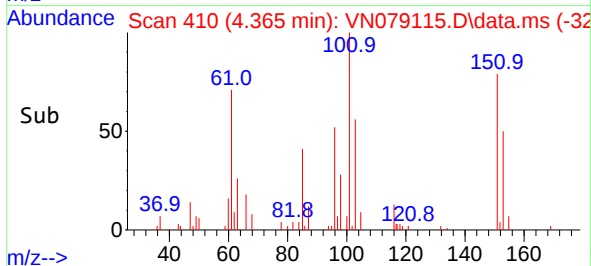
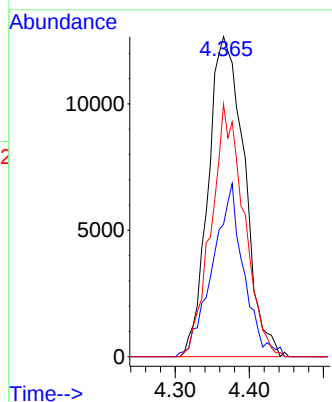
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Tgt Ion:101 Resp: 42764
Ion Ratio Lower Upper
101 100
85 45.4 0.0 65.4
151 72.1 0.0 156.8

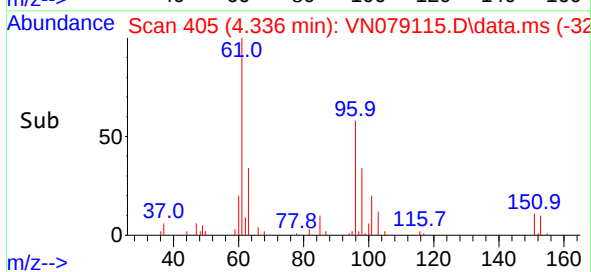
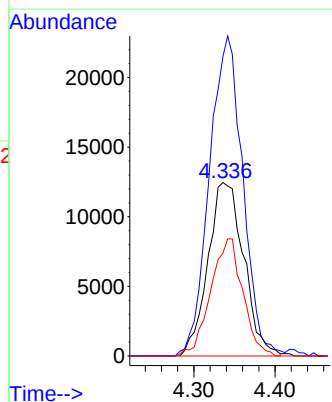
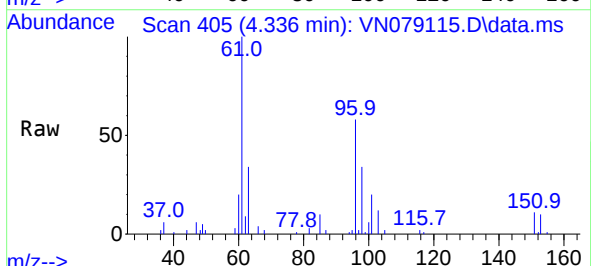
Manual Integrations
APPROVED

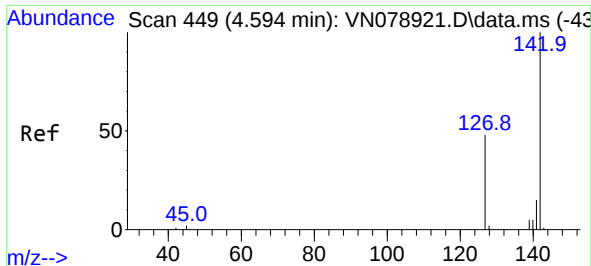
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#10
1,1-Dichloroethene
Concen: 18.261 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

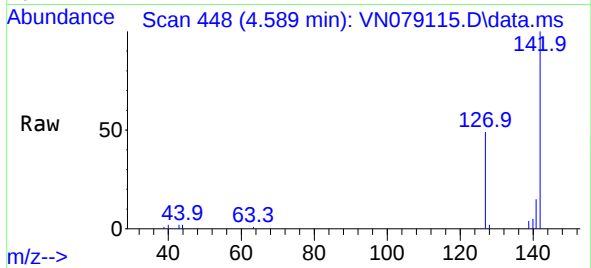
Tgt Ion: 96 Resp: 38102
Ion Ratio Lower Upper
96 100
61 170.0 126.2 189.4
98 59.3 41.7 62.5





#11
Methyl Iodide
Concen: 18.929 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

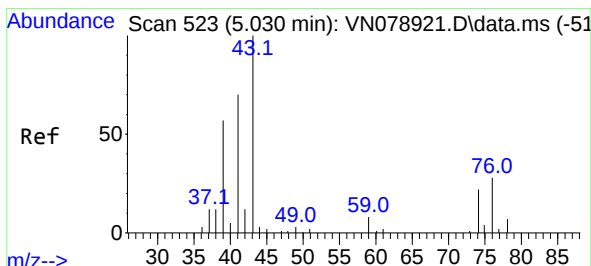
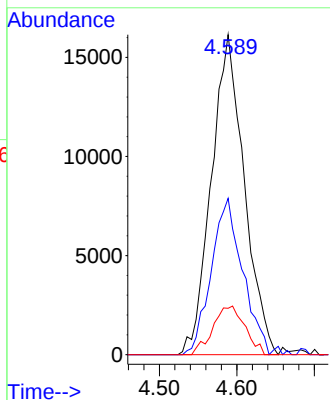
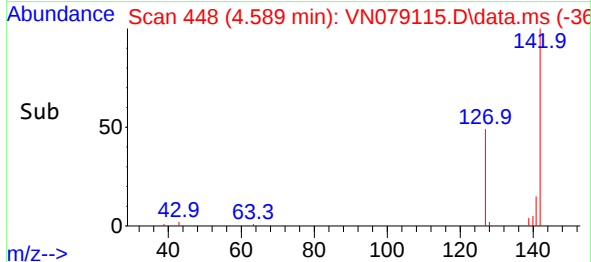
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 47662
Ion Ratio Lower Upper
142 100
127 47.5 24.3 72.9
141 14.5 7.3 22.0

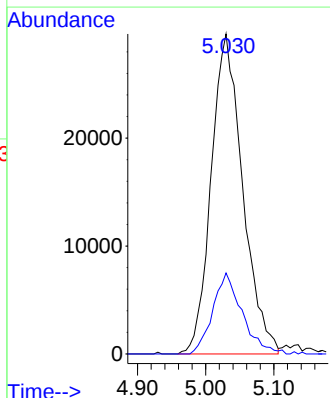
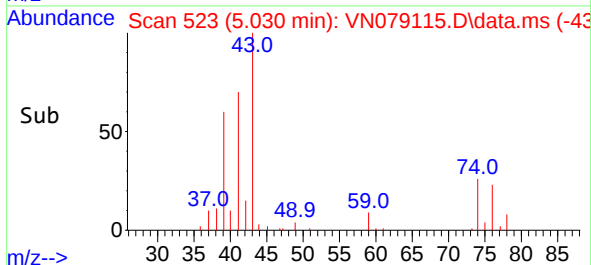
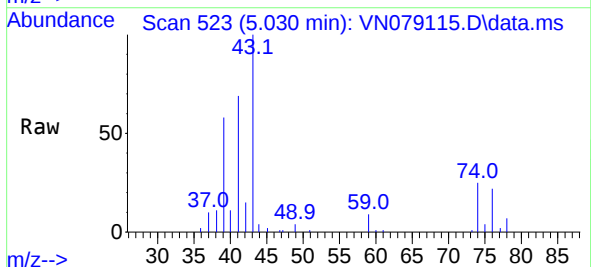
Manual Integrations
APPROVED

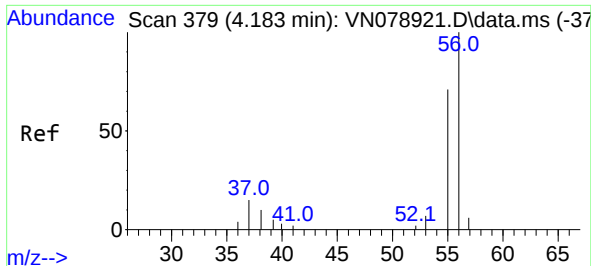
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#12
Methyl Acetate
Concen: 19.488 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

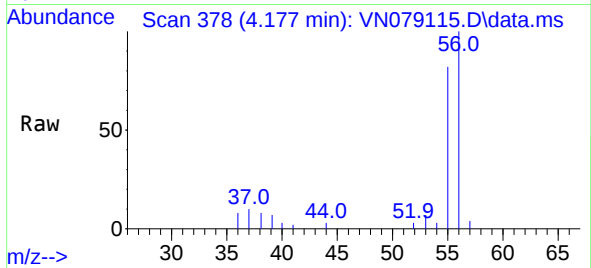
Tgt Ion: 43 Resp: 95313
Ion Ratio Lower Upper
43 100
74 25.0 17.5 26.3





#13
Acrolein
Concen: 40.087 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

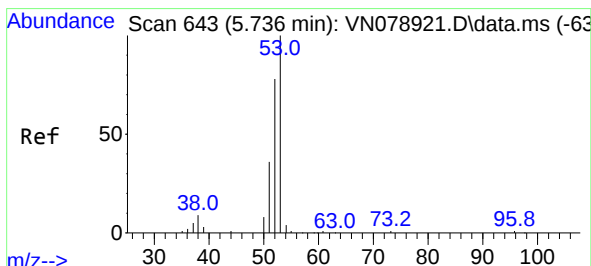
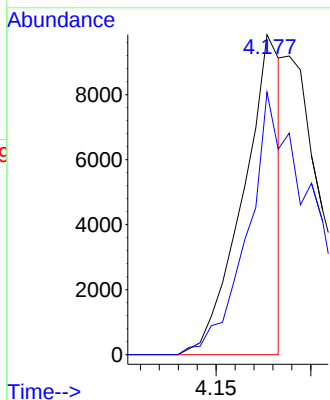
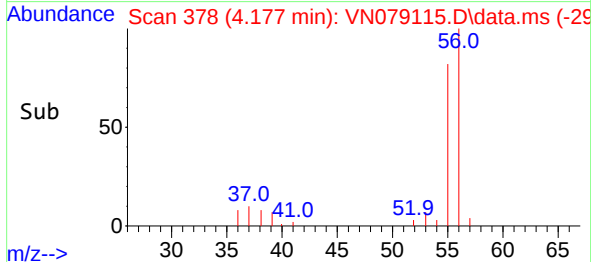
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



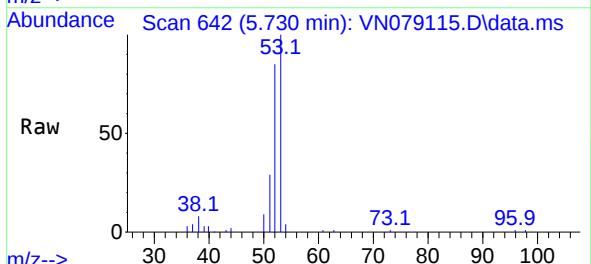
Tgt Ion: 56 Resp: 1366
Ion Ratio Lower Upper
56 100
55 99.4 54.5 81.7

Manual Integrations
APPROVED

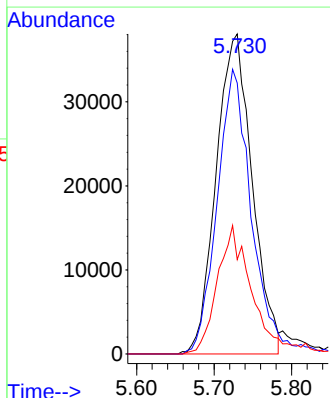
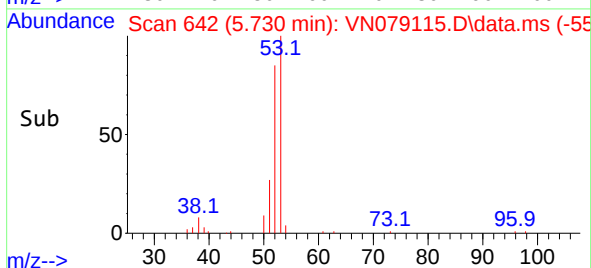
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

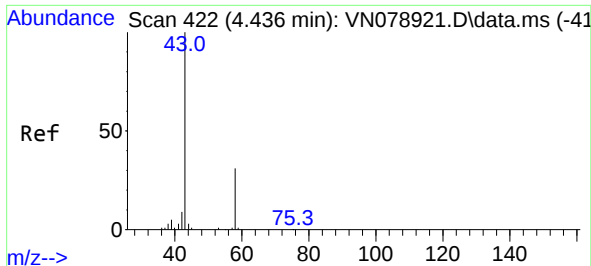


#14
Acrylonitrile
Concen: 95.812 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



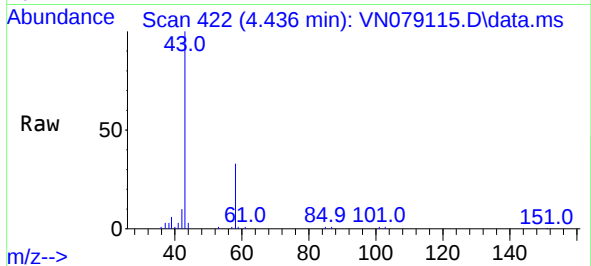
Tgt Ion: 53 Resp: 123180
Ion Ratio Lower Upper
53 100
52 84.0 41.9 125.6
51 38.2 10.1 30.1





#15
Acetone
Concen: 88.656 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

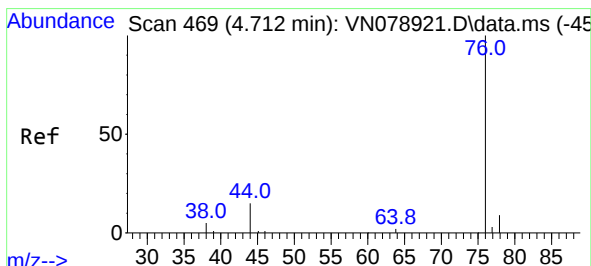
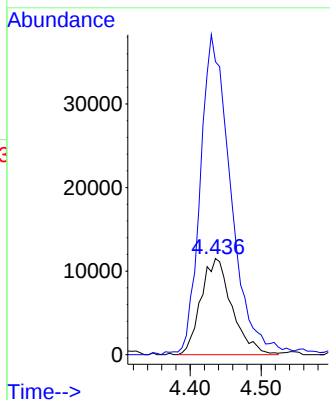
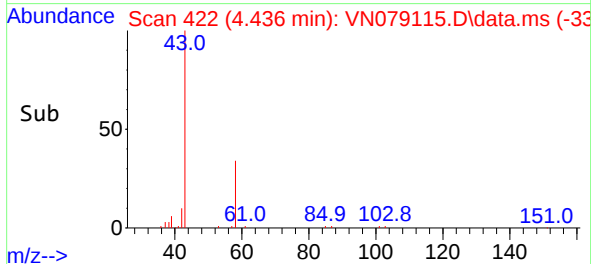
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



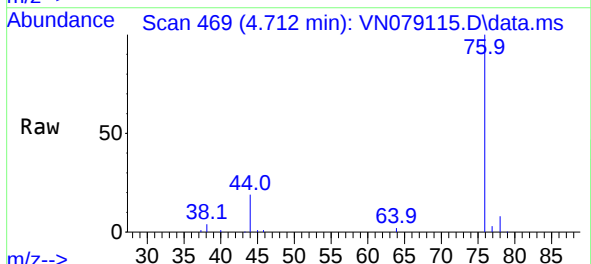
Tgt Ion: 58 Resp: 34964
Ion Ratio Lower Upper
58 100
43 302.0 260.6 390.8

Manual Integrations
APPROVED

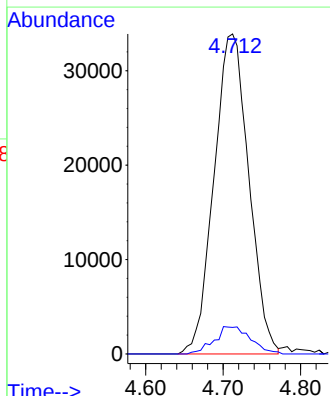
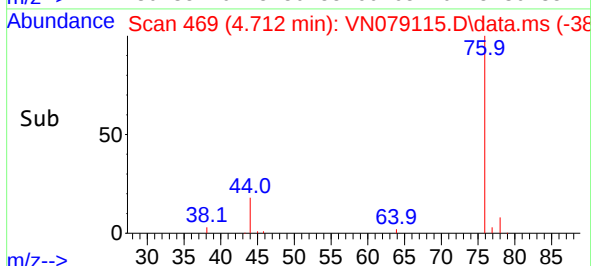
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

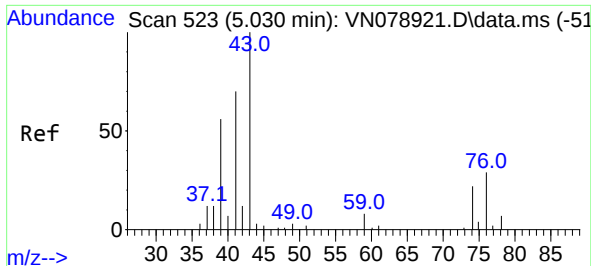


#16
Carbon Disulfide
Concen: 17.676 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion: 76 Resp: 105970
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6





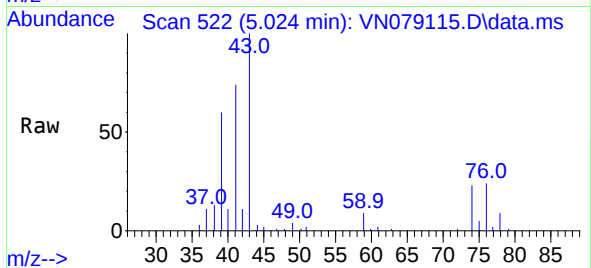
#17
 Allyl chloride
 Concen: 18.092 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN079115.D
 Acq: 30 Aug 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

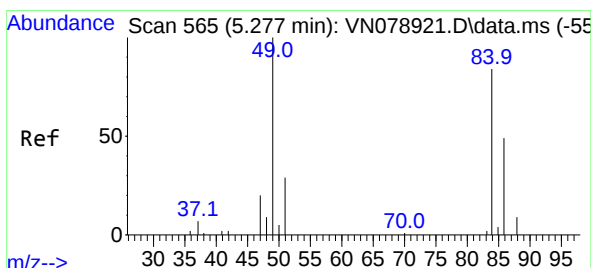
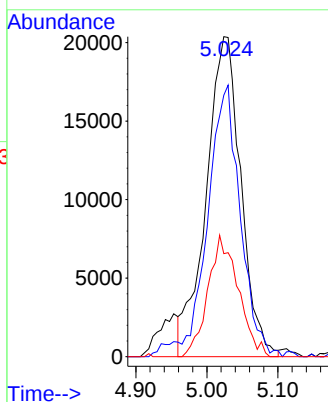
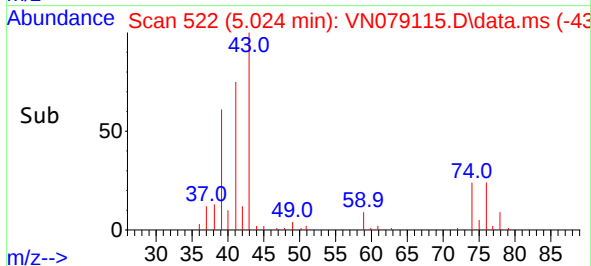


Tgt Ion: 41 Resp: 69189
 Ion Ratio Lower Upper
 41 100
 39 81.5 36.9 110.7
 76 32.8 17.3 51.9

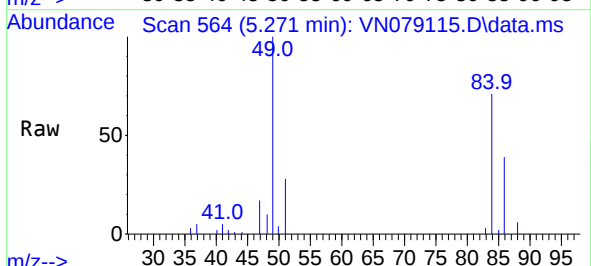
Manual Integrations

APPROVED

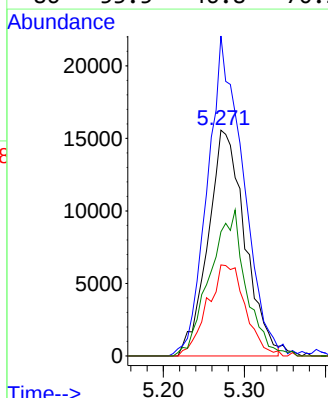
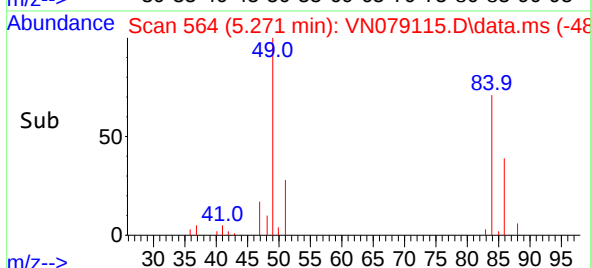
Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023

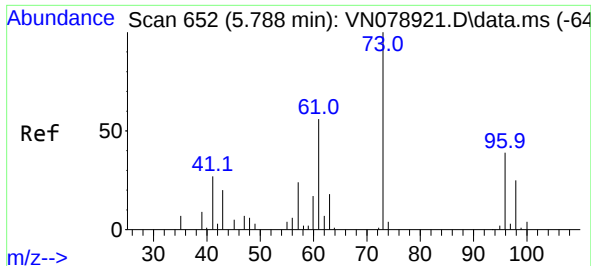


#18
 Methylene Chloride
 Concen: 19.654 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN079115.D
 Acq: 30 Aug 2023 16:52



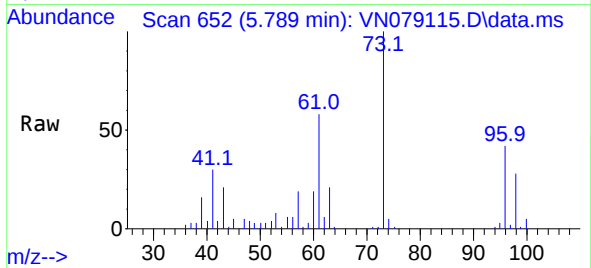
Tgt Ion: 84 Resp: 49025
 Ion Ratio Lower Upper
 84 100
 49 138.5 95.8 143.6
 51 40.3 28.6 43.0
 86 53.5 46.8 70.2





#19
trans-1,2-Dichloroethene
Concen: 18.744 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

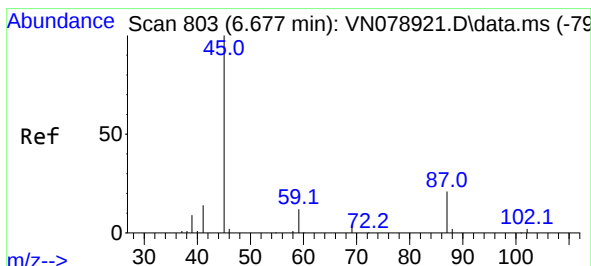
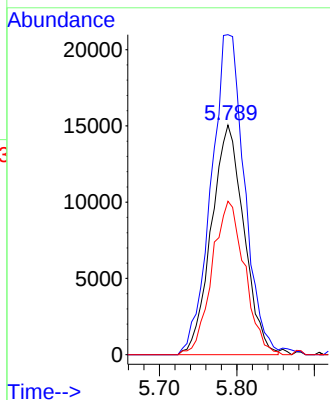
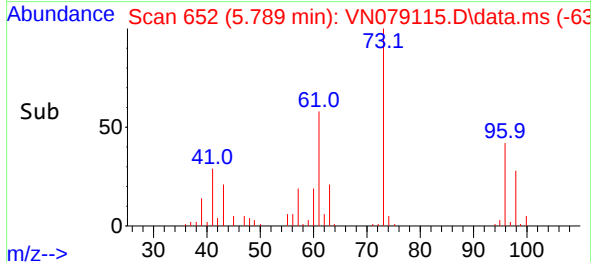
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 44018
Ion Ratio Lower Upper
96 100
61 139.3 114.0 171.0
98 66.8 50.6 76.0

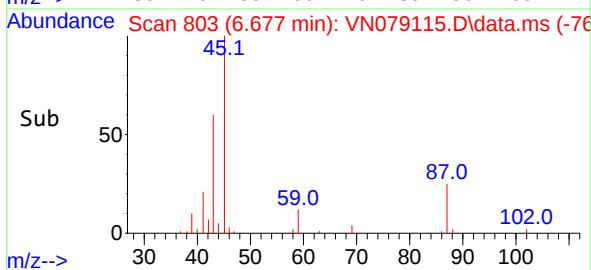
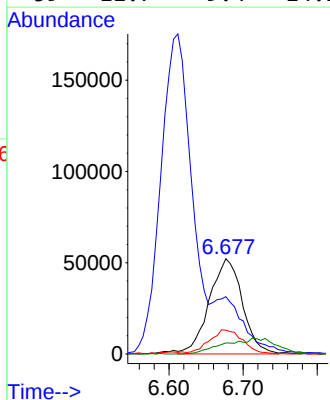
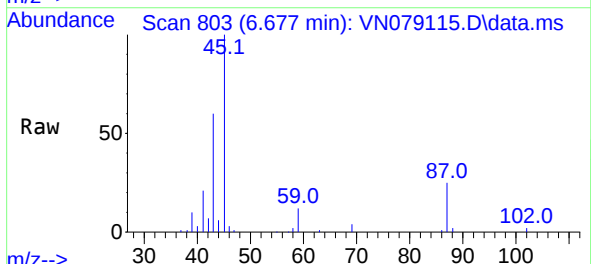
Manual Integrations
APPROVED

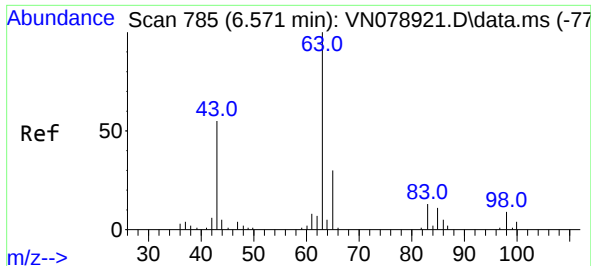
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#20
Diisopropyl ether
Concen: 19.391 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Tgt Ion: 45 Resp: 161313
Ion Ratio Lower Upper
45 100
43 56.2 37.4 56.2#
87 25.3 17.3 25.9
59 11.7 9.4 14.2





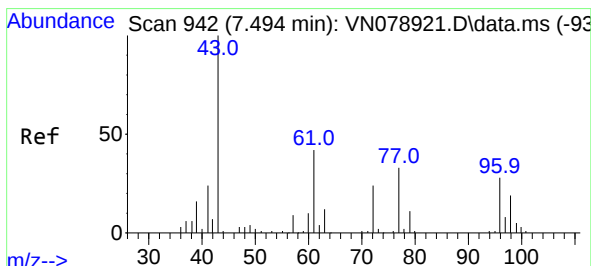
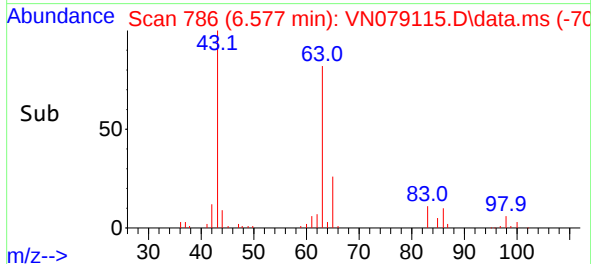
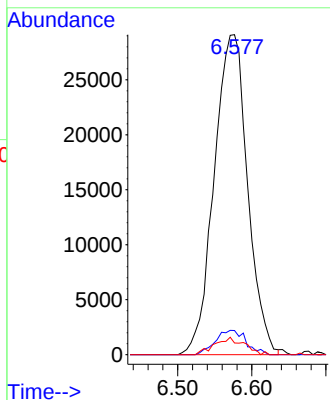
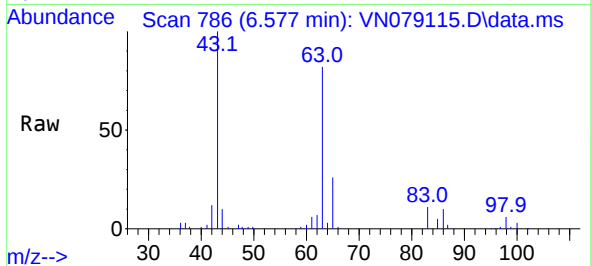
#21
1,1-Dichloroethane
Concen: 19.769 ug/l
RT: 6.577 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 91260
Ion Ratio Lower Upper
63 100
98 7.6 4.4 13.2
100 3.7 2.1 6.5

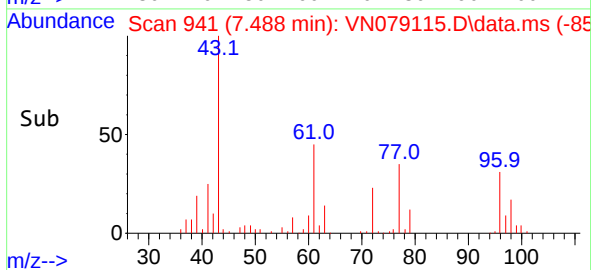
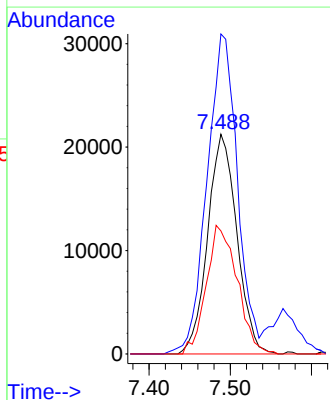
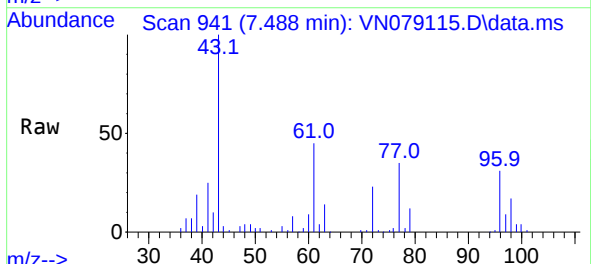
Manual Integrations
APPROVED

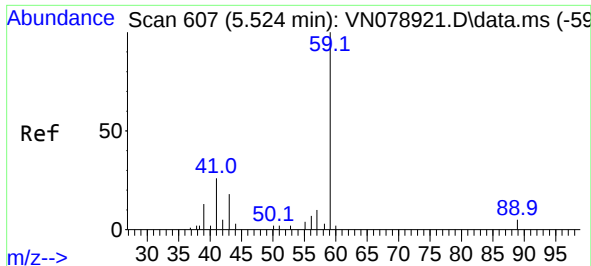
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#22
cis-1,2-Dichloroethene
Concen: 19.798 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Tgt Ion: 96 Resp: 53211
Ion Ratio Lower Upper
96 100
61 151.1 121.8 182.6
98 61.9 50.7 76.1





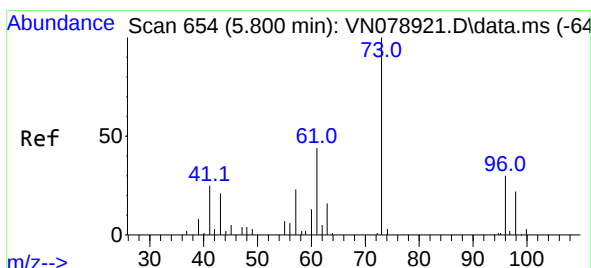
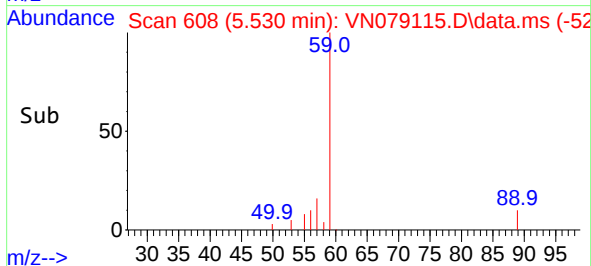
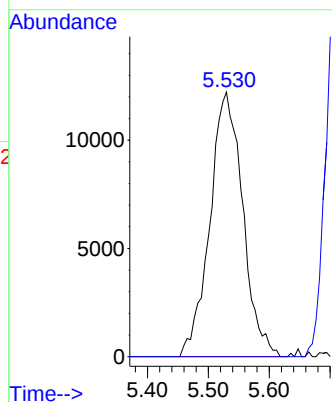
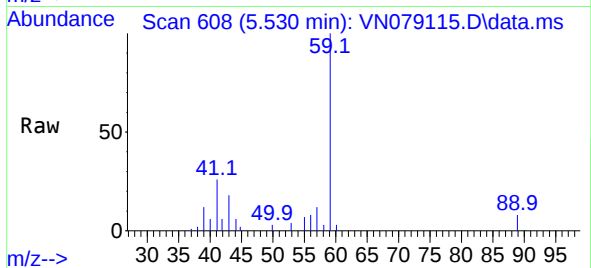
#23
tert-Butyl Alcohol
Concen: 95.573 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 4583
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

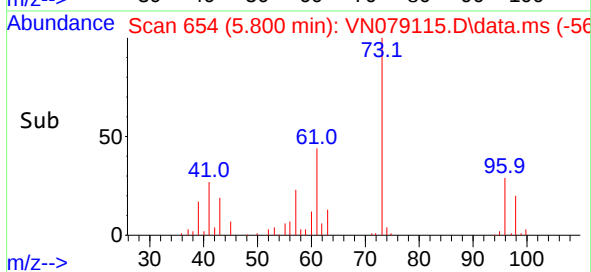
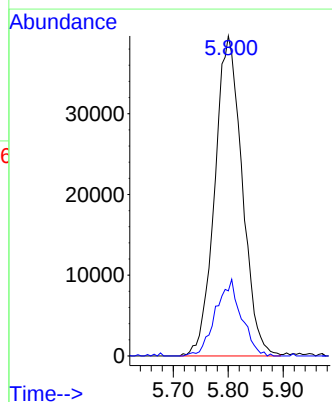
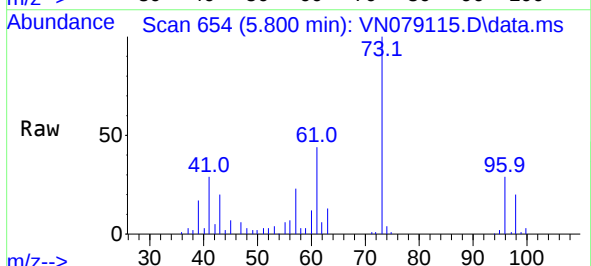
Manual Integrations
APPROVED

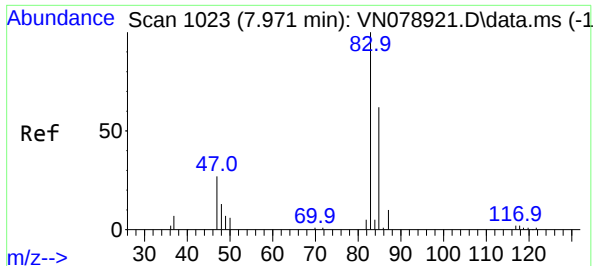
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#24
Methyl tert-Butyl Ether
Concen: 18.511 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Tgt Ion: 73 Resp: 137108
Ion Ratio Lower Upper
73 100
43 22.2 17.3 25.9





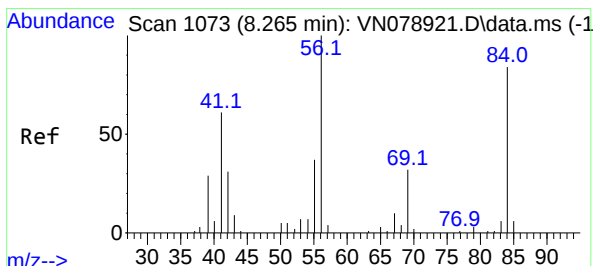
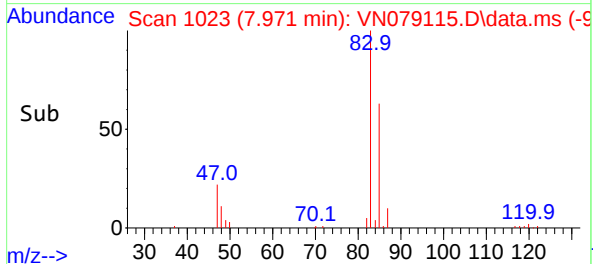
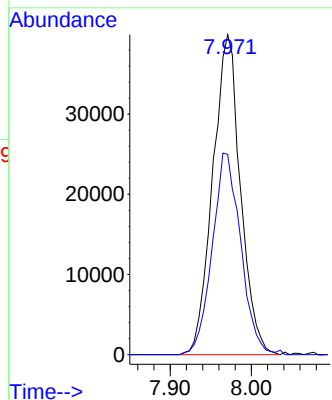
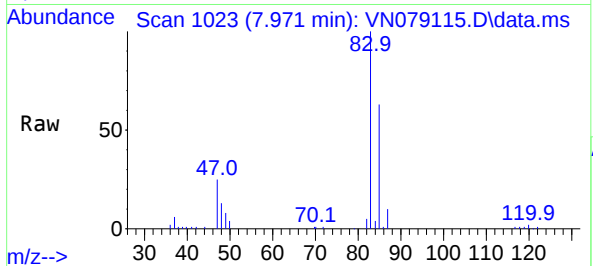
#25
Chloroform
Concen: 20.387 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 9480
Ion Ratio Lower Upper
83 100
85 62.6 49.6 74.4

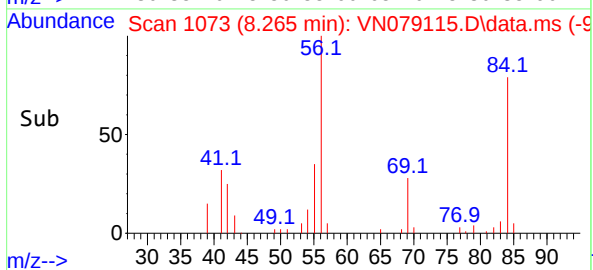
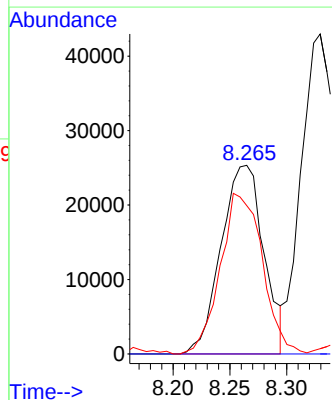
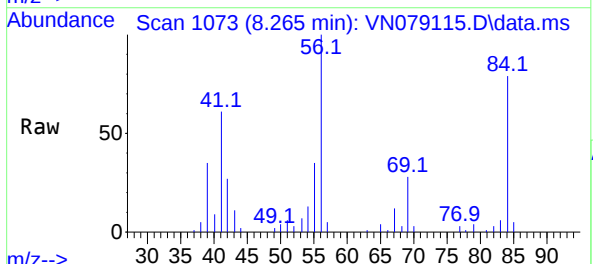
Manual Integrations
APPROVED

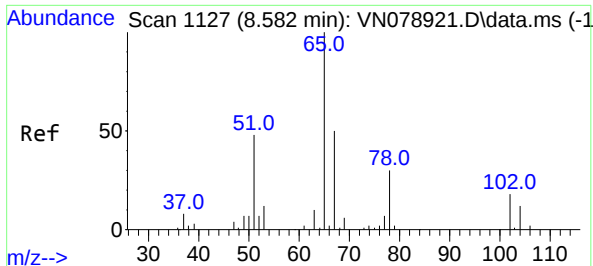
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#26
Cyclohexane
Concen: 19.633 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

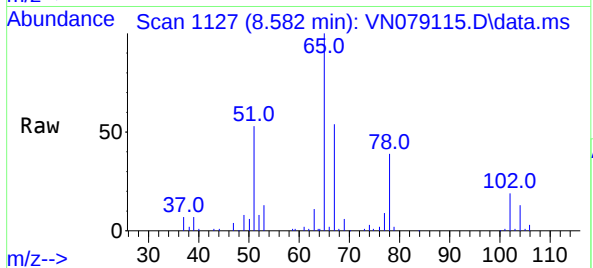
Tgt Ion: 56 Resp: 66295
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.9 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 29.920 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

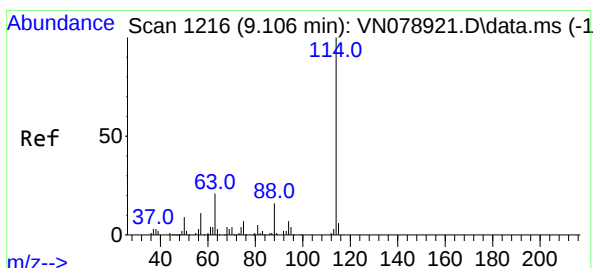
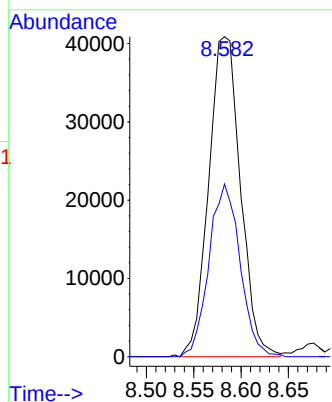
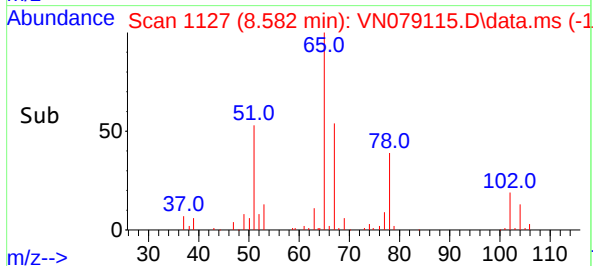
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 65 Resp: 9548
Ion Ratio Lower Upper
65 100
67 52.6 40.7 61.1

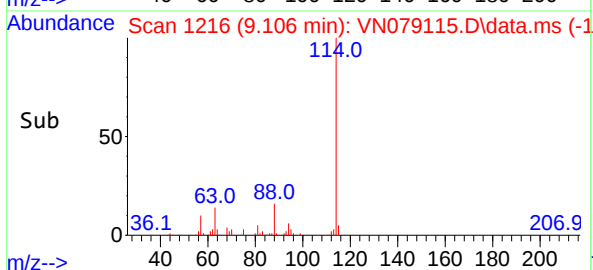
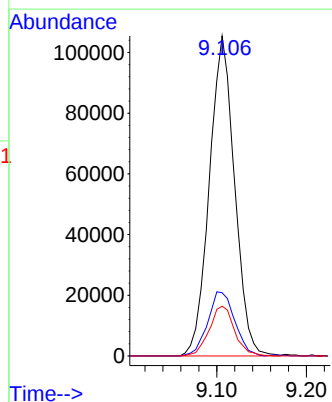
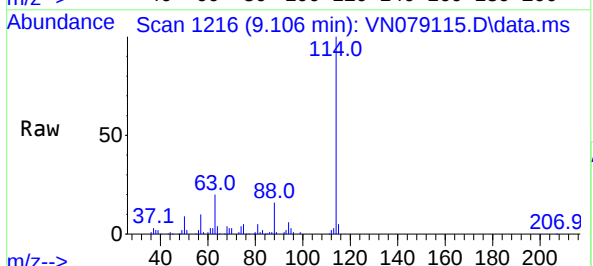
Manual Integrations
APPROVED

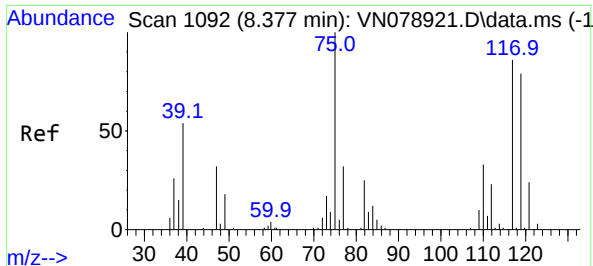
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

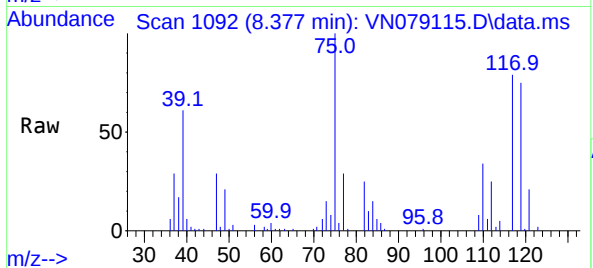
Tgt Ion:114 Resp: 205778
Ion Ratio Lower Upper
114 100
63 21.5 17.4 26.2
88 15.6 12.0 18.0





#29
1,1-Dichloropropene
Concen: 20.945 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

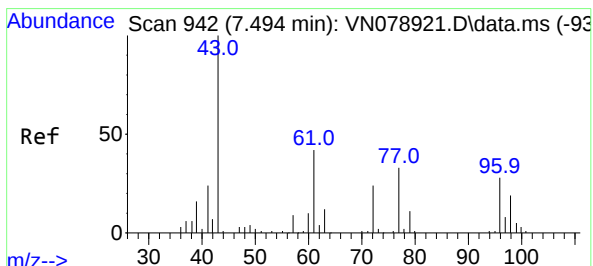
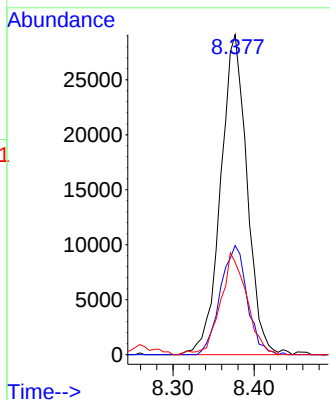
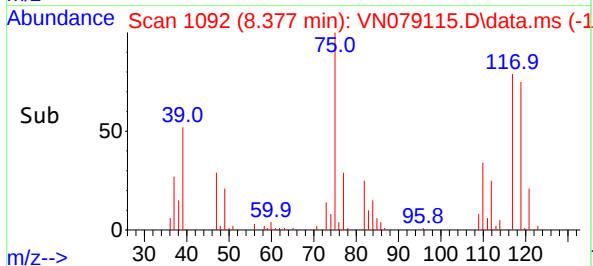
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



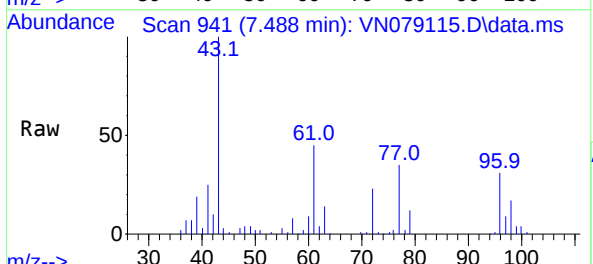
Tgt Ion: 75 Resp: 6556
Ion Ratio Lower Upper
75 100
110 34.7 0.0 65.8
77 31.5 0.0 60.4

Manual Integrations
APPROVED

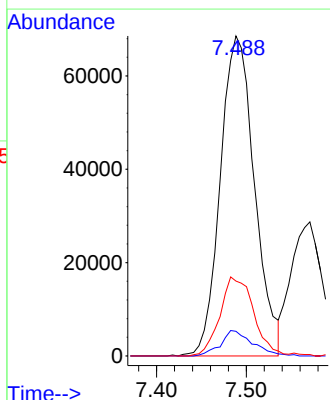
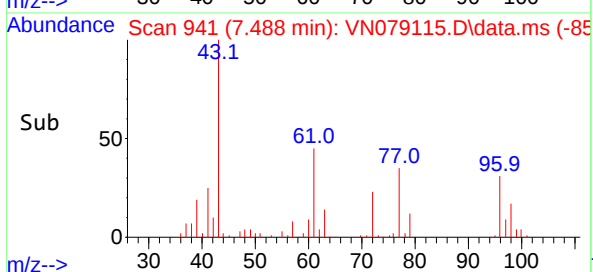
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

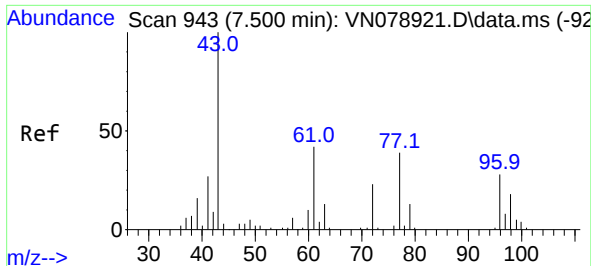


#30
2-Butanone
Concen: 99.114 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion: 43 Resp: 181629
Ion Ratio Lower Upper
43 100
57 7.4 6.2 9.4
72 24.2 19.4 29.2





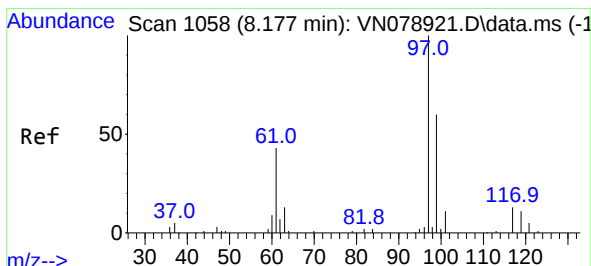
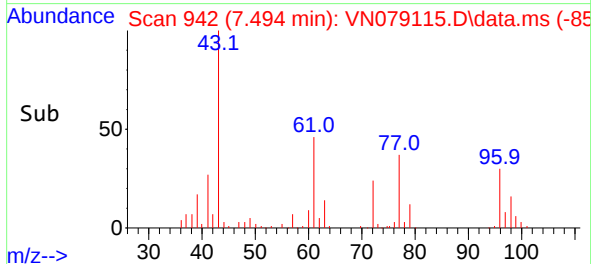
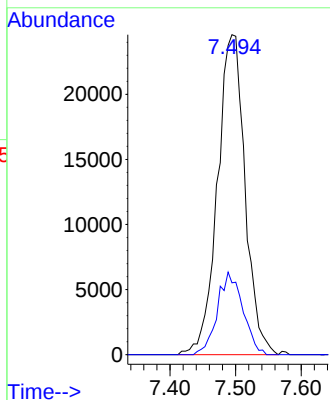
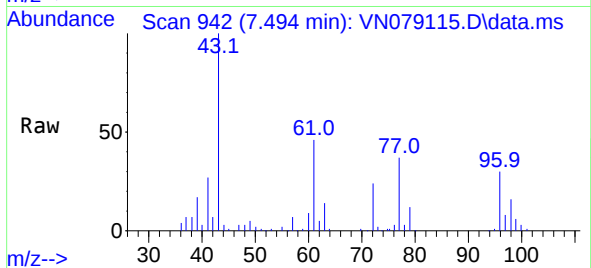
#31
2,2-Dichloropropane
Concen: 20.739 ug/l
RT: 7.494 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 7174
Ion Ratio Lower Upper
77 100
97 23.7 17.6 26.4

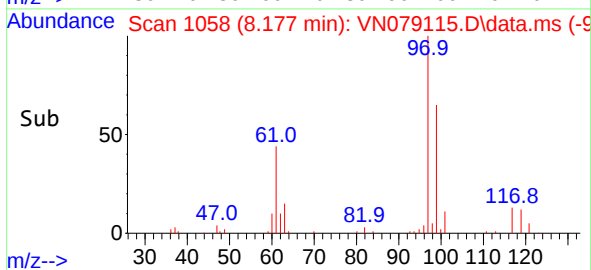
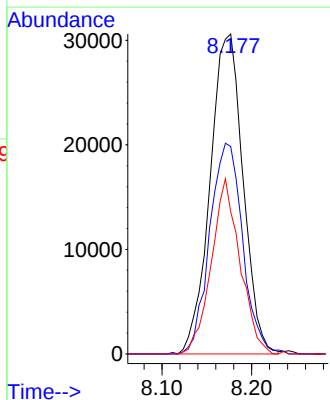
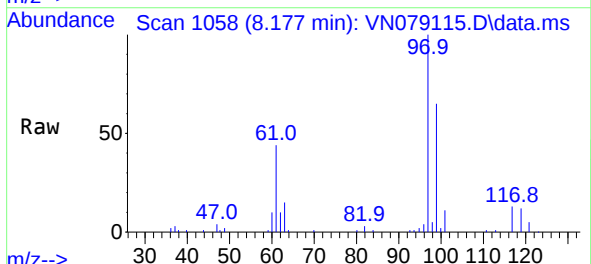
Manual Integrations
APPROVED

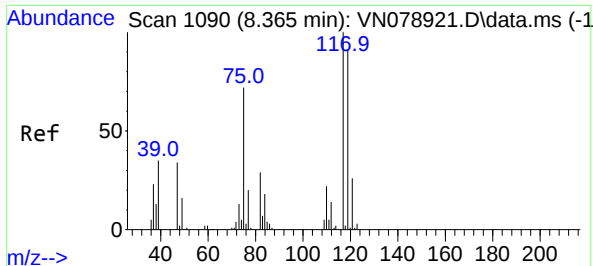
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#32
1,1,1-Trichloroethane
Concen: 20.904 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

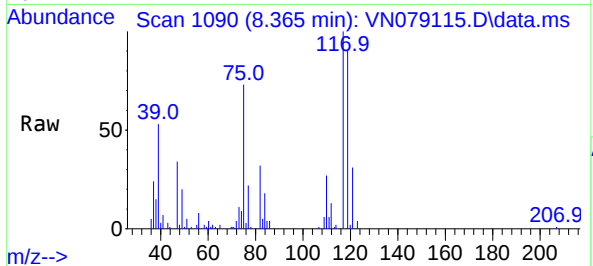
Tgt Ion: 97 Resp: 78124
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 47.6 37.0 55.6





#33
Carbon Tetrachloride
Concen: 21.592 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

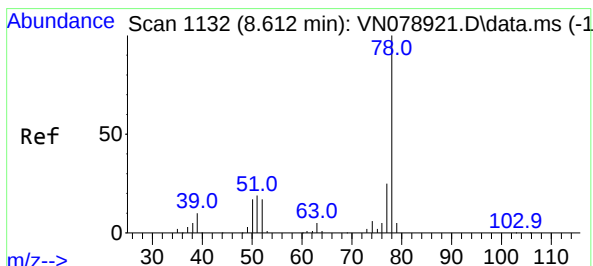
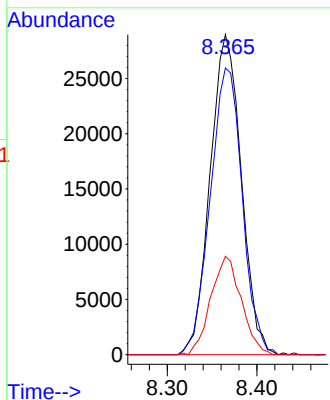
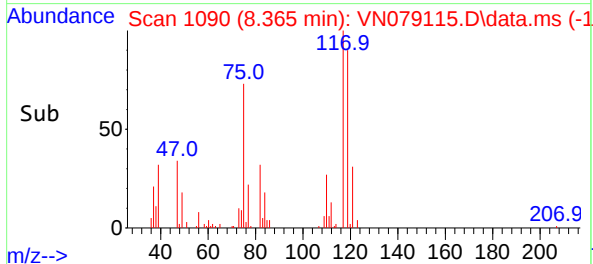
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 69898
Ion Ratio Lower Upper
117 100
119 89.6 72.6 108.8
121 30.8 20.7 31.1

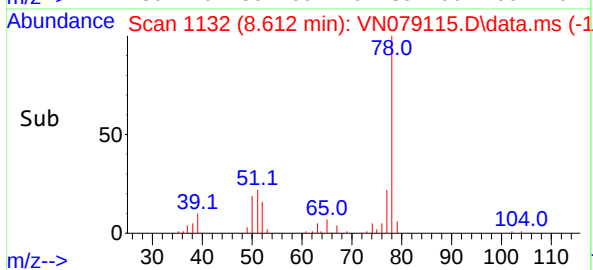
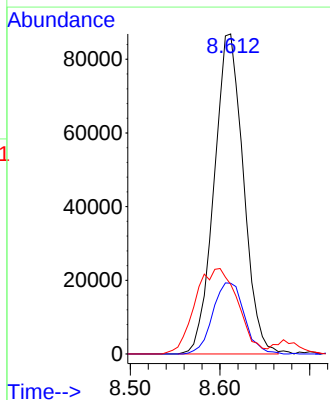
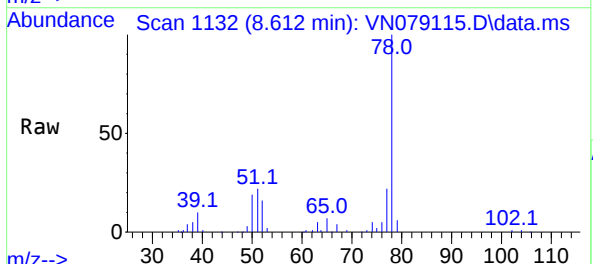
Manual Integrations
APPROVED

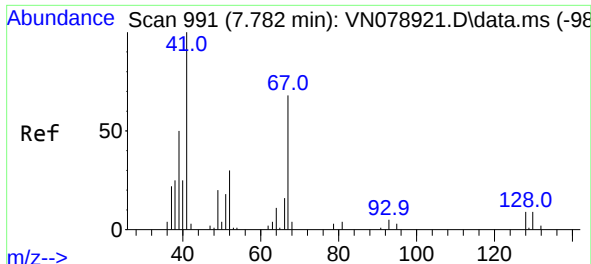
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#34
Benzene
Concen: 20.948 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

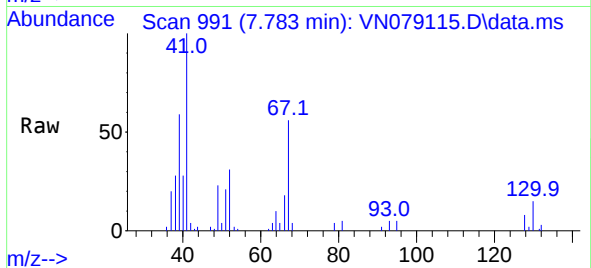
Tgt Ion: 78 Resp: 196512
Ion Ratio Lower Upper
78 100
77 22.1 19.9 29.9
51 19.6 14.8 22.2





#35
Methacrylonitrile
Concen: 19.287 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

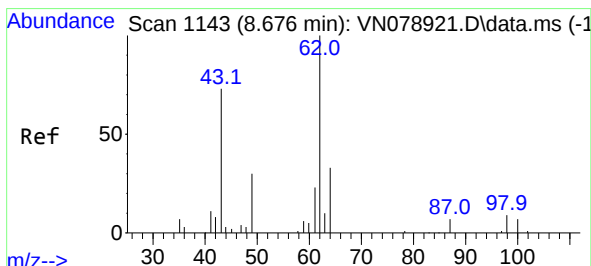
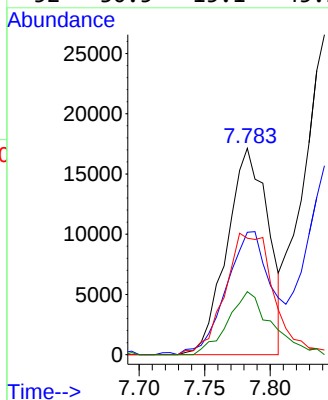
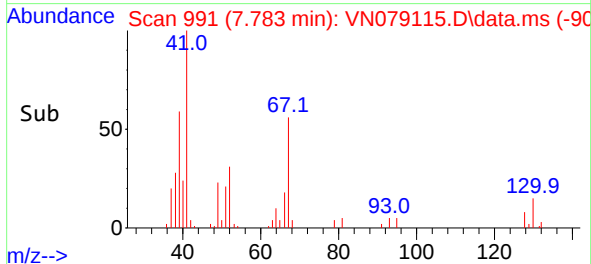
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



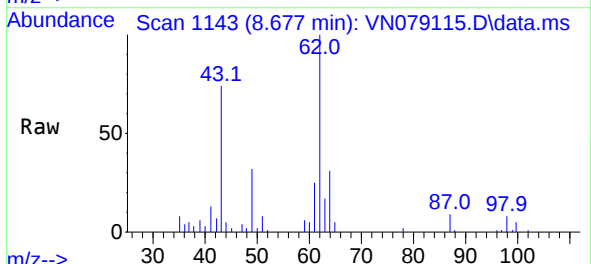
Tgt Ion: 41 Resp: 3767
Ion Ratio Lower Upper
41 100
39 59.3 25.0 75.0
67 56.5 34.0 102.0
52 30.5 15.1 45.3

Manual Integrations
APPROVED

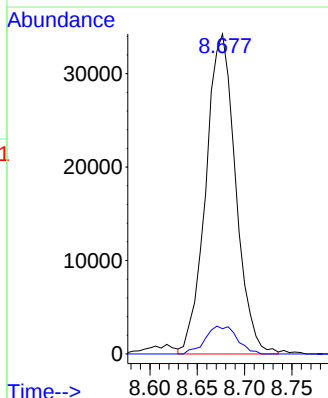
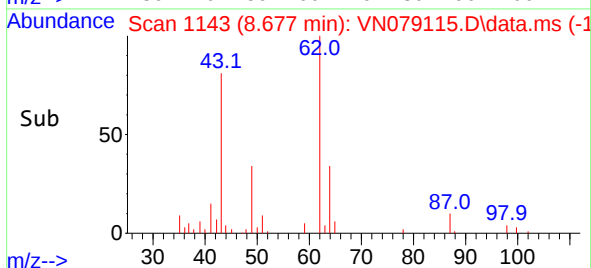
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

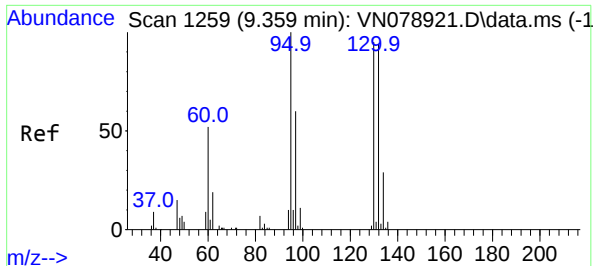


#36
1,2-Dichloroethane
Concen: 21.354 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



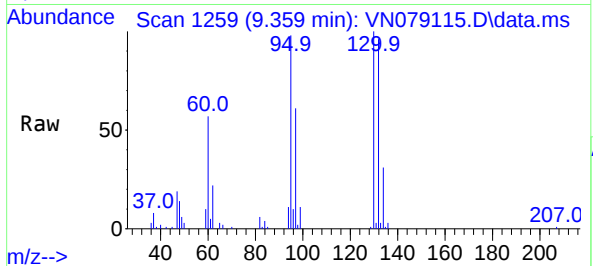
Tgt Ion: 62 Resp: 75013
Ion Ratio Lower Upper
62 100
98 9.2 8.1 12.1





#37
Trichloroethene
Concen: 20.170 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

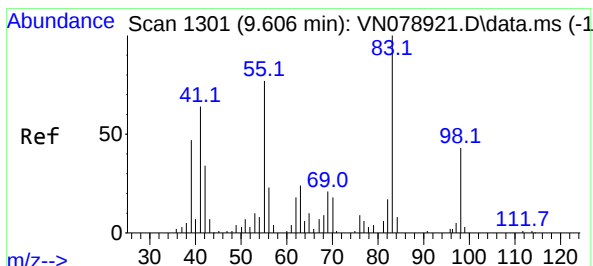
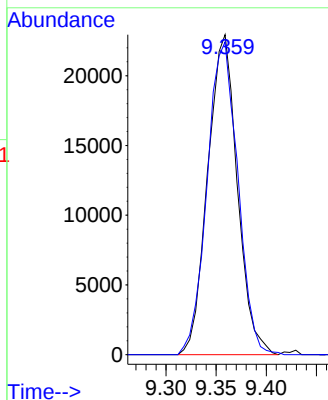
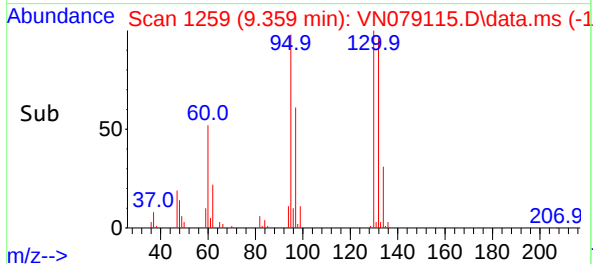
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



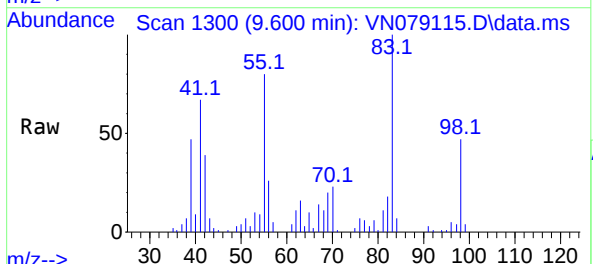
Tgt Ion:130 Resp: 47098
Ion Ratio Lower Upper
130 100
95 97.8 84.6 127.0

Manual Integrations
APPROVED

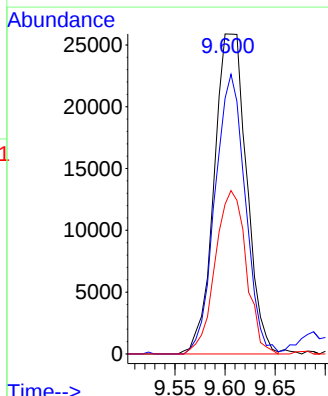
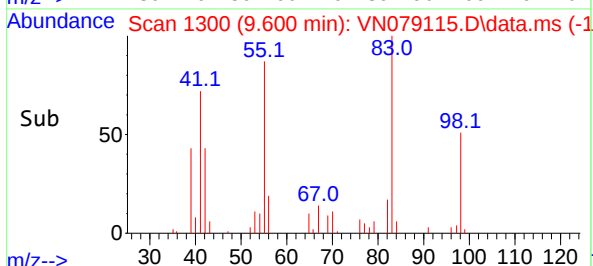
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

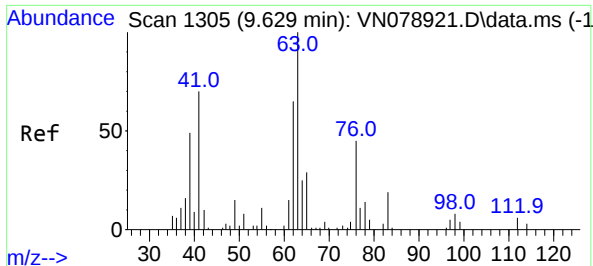


#38
Methylcyclohexane
Concen: 21.168 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion: 83 Resp: 58338
Ion Ratio Lower Upper
83 100
55 81.5 40.2 120.6
98 48.8 24.1 72.3





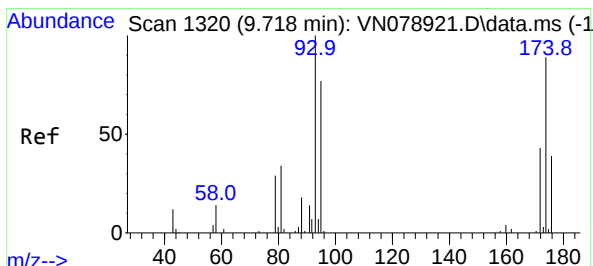
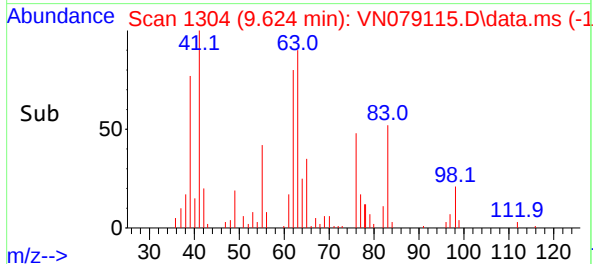
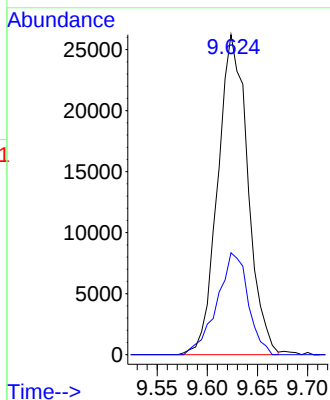
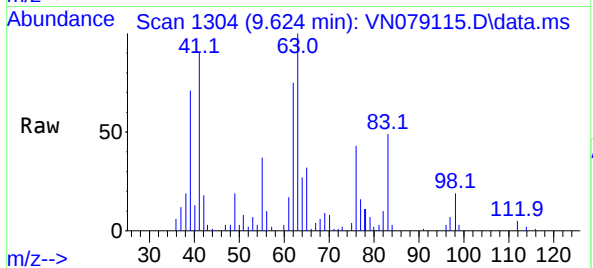
#39
1,2-Dichloropropane
Concen: 21.551 ug/l
RT: 9.624 min Scan# 1118
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 5445
Ion Ratio Lower Upper
63 100
65 31.9 23.5 35.3

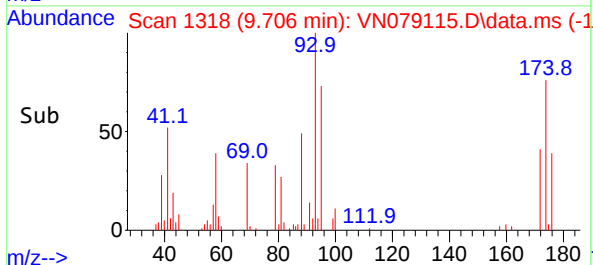
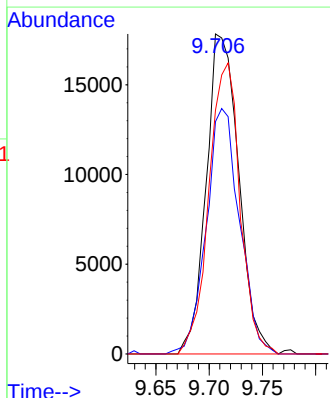
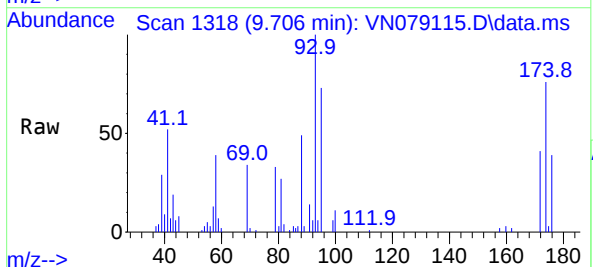
Manual Integrations
APPROVED

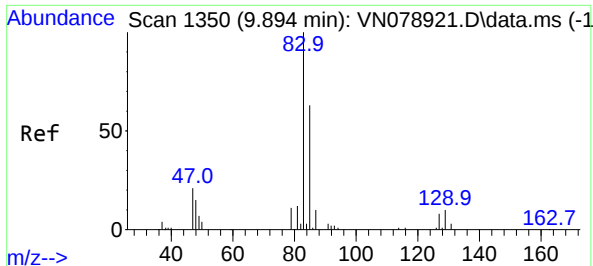
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#40
Dibromomethane
Concen: 22.333 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.012 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

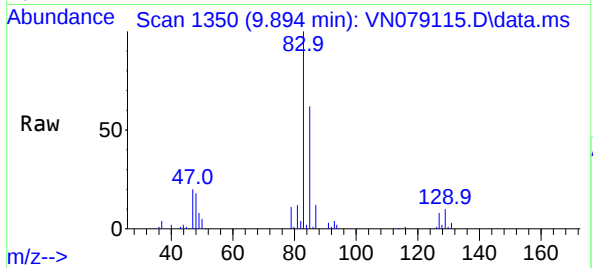
Tgt Ion: 93 Resp: 37826
Ion Ratio Lower Upper
93 100
95 78.4 0.0 162.0
174 87.2 0.0 188.6





#41
Bromodichloromethane
Concen: 22.050 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

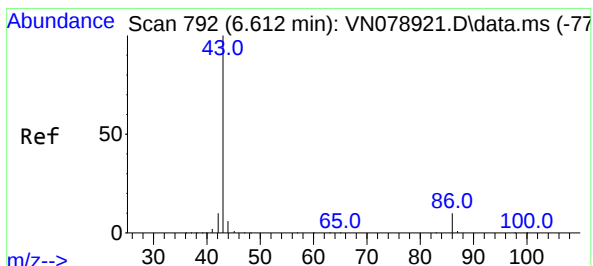
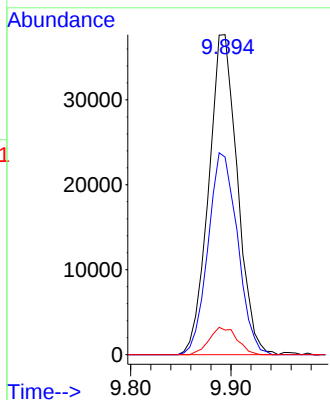
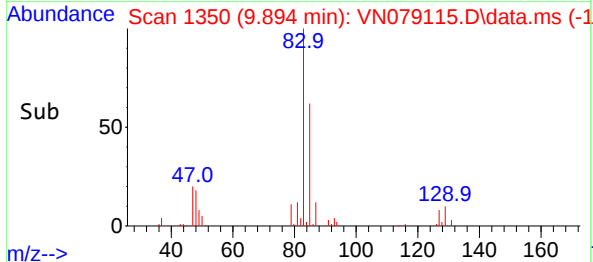
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 75100
Ion Ratio Lower Upper
83 100
85 61.8 50.2 75.2
127 7.7 6.2 9.4

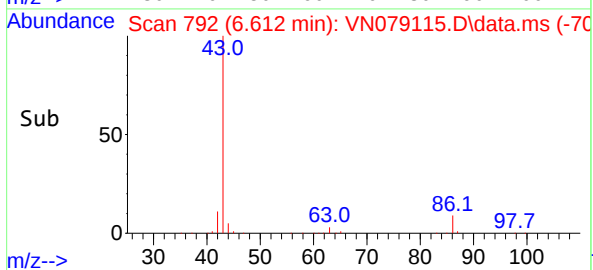
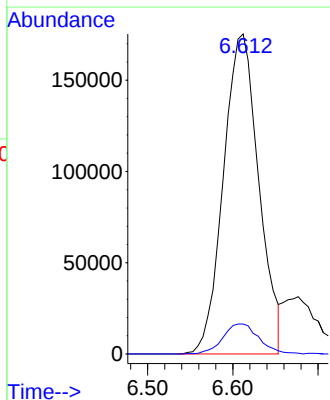
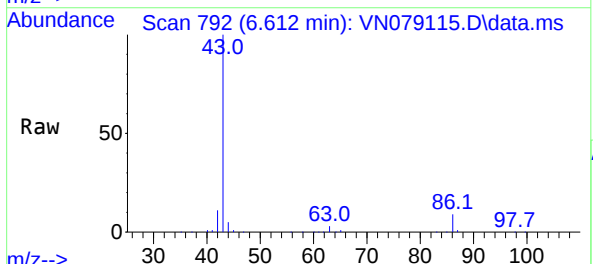
Manual Integrations
APPROVED

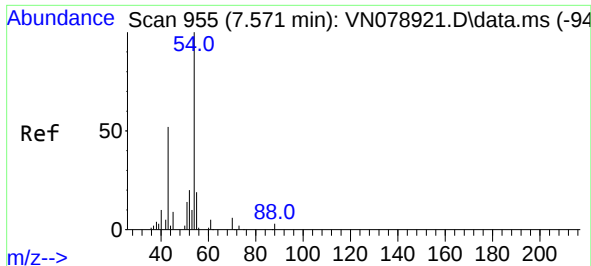
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#42
Vinyl Acetate
Concen: 97.939 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

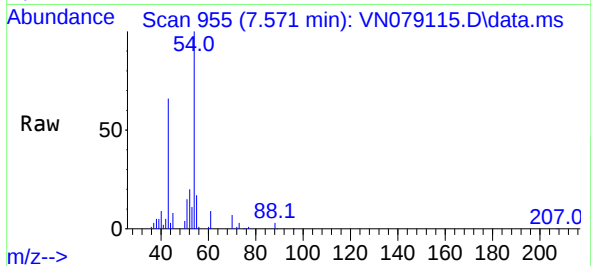
Tgt Ion: 43 Resp: 506022
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.0





#43
Ethyl Acetate
Concen: 20.490 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

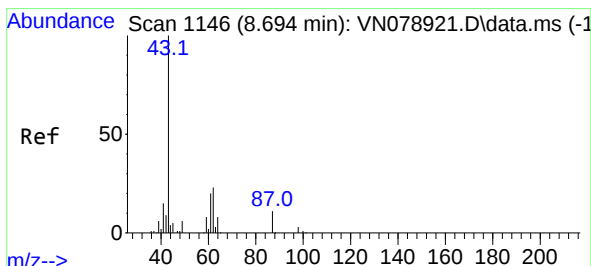
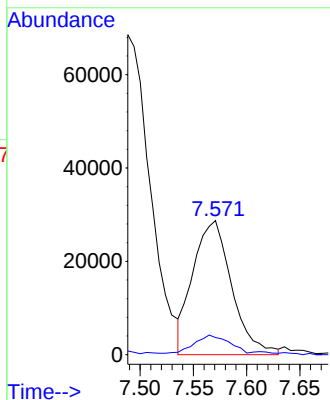
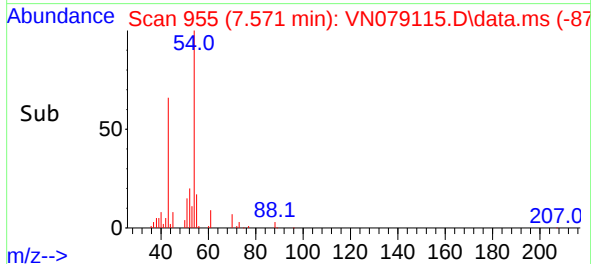
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



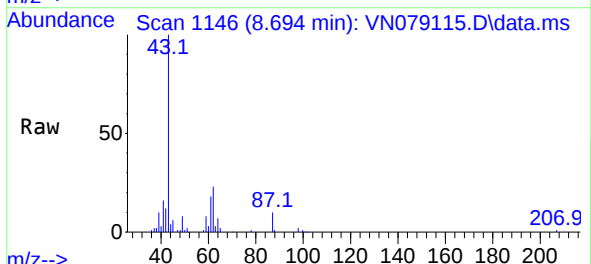
Tgt Ion: 43 Resp: 72844
Ion Ratio Lower Upper
43 100
45 13.7 9.6 14.4

Manual Integrations
APPROVED

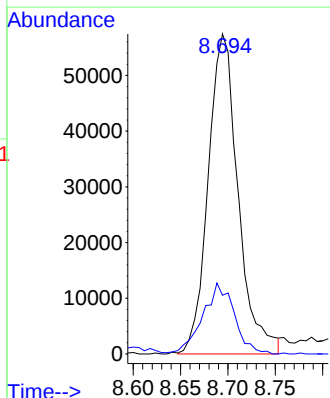
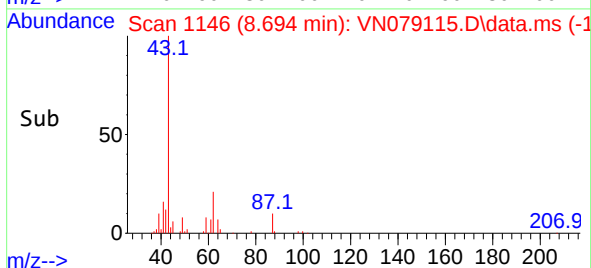
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

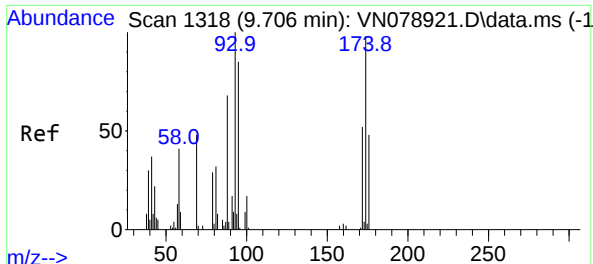


#44
Isopropyl Acetate
Concen: 20.185 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



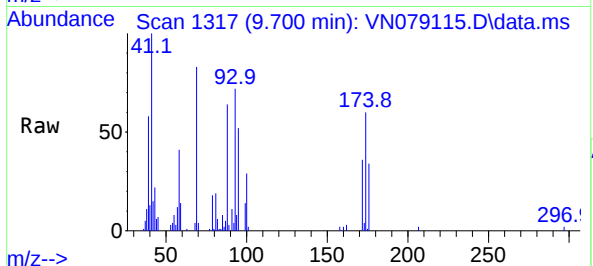
Tgt Ion: 43 Resp: 126443
Ion Ratio Lower Upper
43 100
61 23.4 19.0 28.4





#45
1,4-Dioxane
Concen: 432.756 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

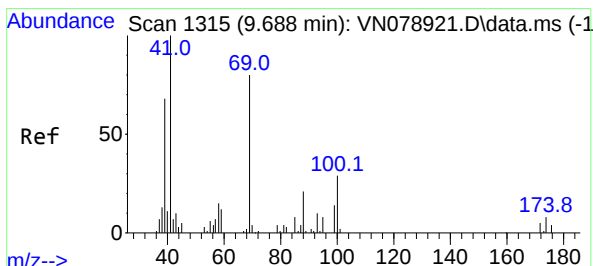
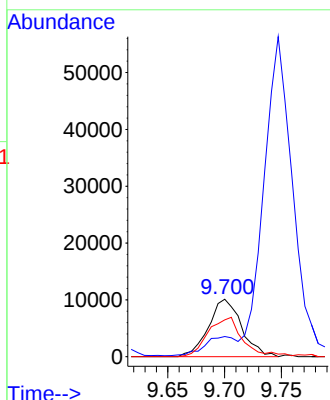
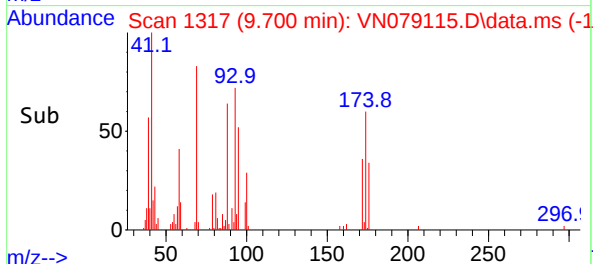
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



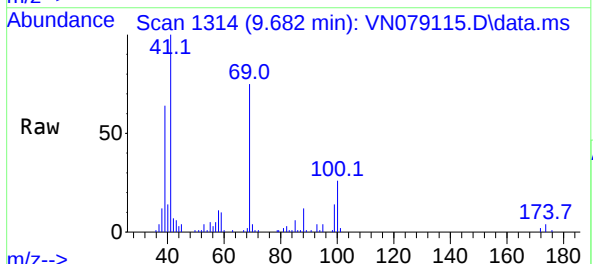
Tgt Ion: 88 Resp: 20400
Ion Ratio Lower Upper
88 100
43 32.7 28.1 42.1
58 68.6 57.0 85.4

Manual Integrations
APPROVED

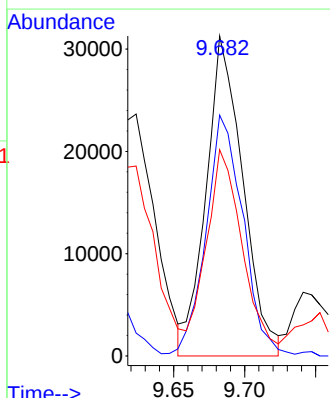
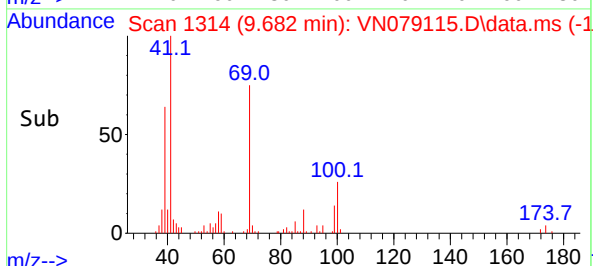
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

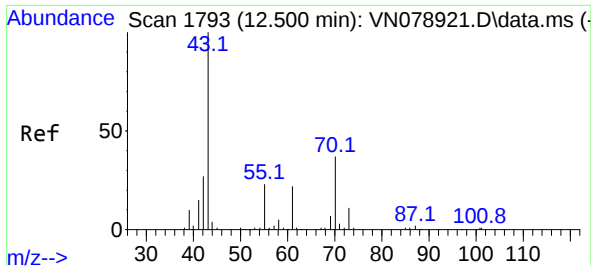


#46
Methyl methacrylate
Concen: 20.408 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



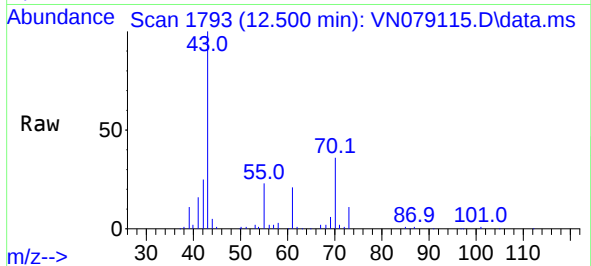
Tgt Ion: 41 Resp: 56327
Ion Ratio Lower Upper
41 100
69 78.2 38.5 115.5
39 64.8 35.9 107.8





#47
n-amyl acetate
Concen: 20.188 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

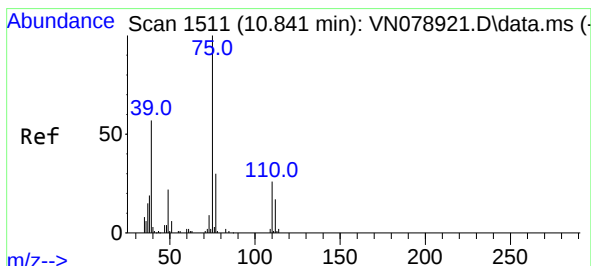
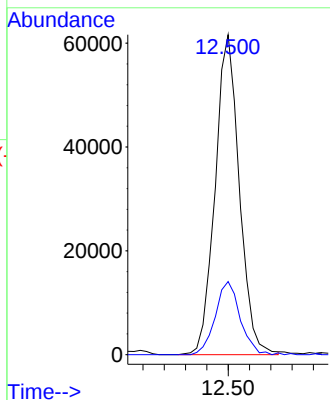
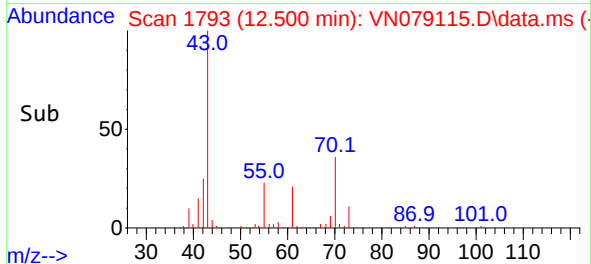
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



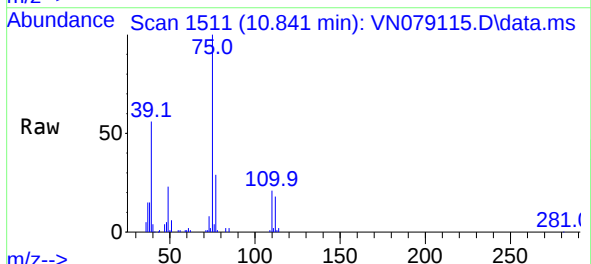
Tgt Ion: 43 Resp: 9704
Ion Ratio Lower Upper
43 100
55 23.4 17.5 26.3

Manual Integrations
APPROVED

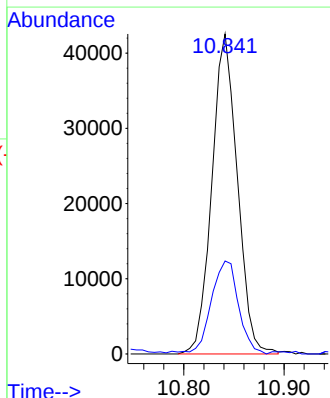
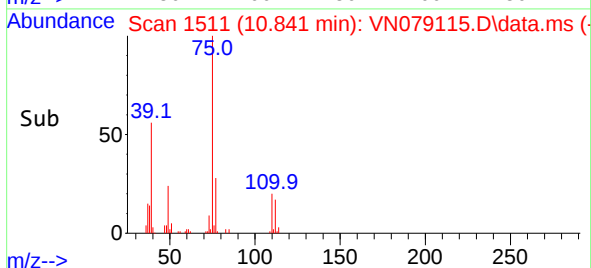
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

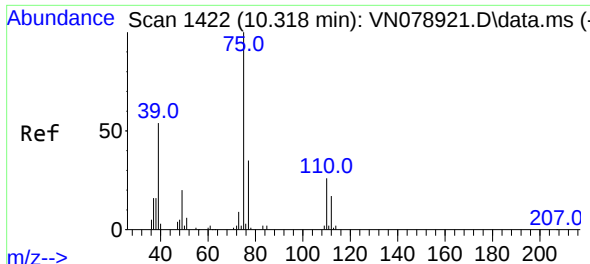


#48
t-1,3-Dichloropropene
Concen: 20.687 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



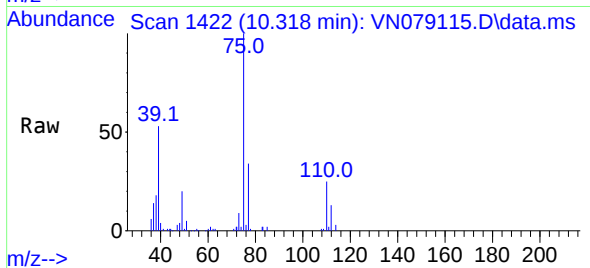
Tgt Ion: 75 Resp: 75048
Ion Ratio Lower Upper
75 100
77 28.5 23.7 35.5





#49
cis-1,3-Dichloropropene
Concen: 21.086 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

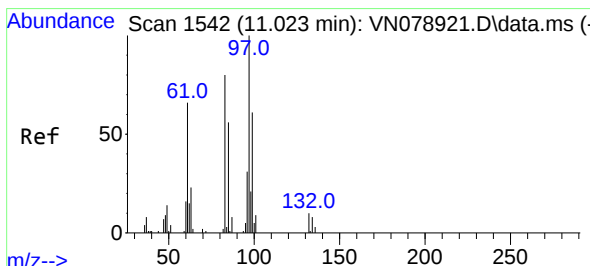
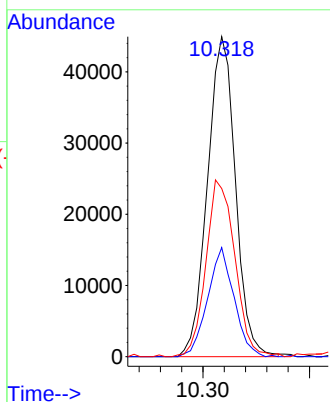
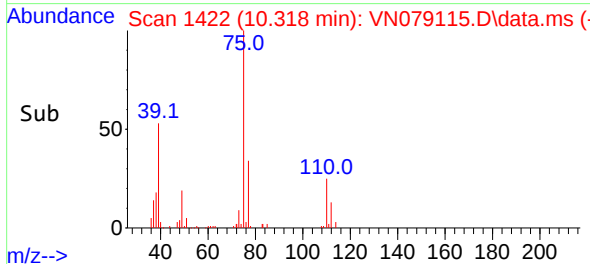
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 82020
Ion Ratio Lower Upper
75 100
77 34.1 27.8 41.8
39 52.0 43.5 65.3

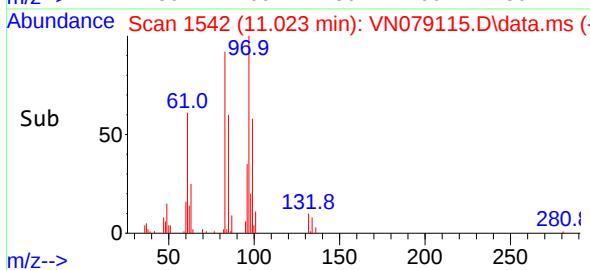
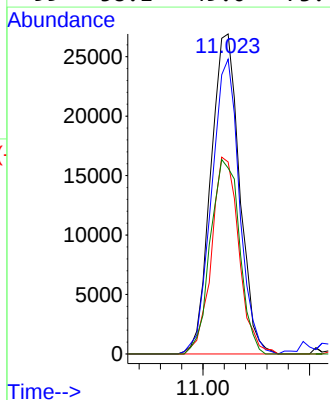
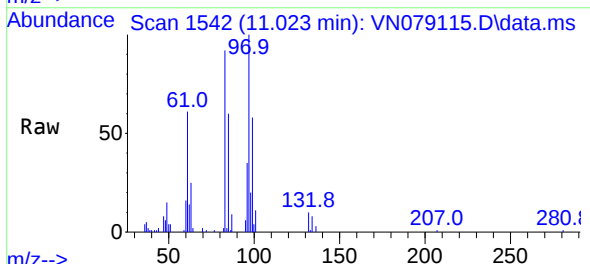
Manual Integrations
APPROVED

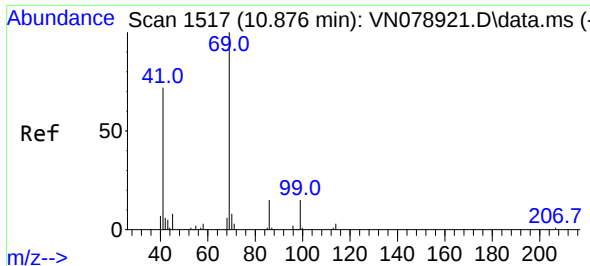
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#50
1,1,2-Trichloroethane
Concen: 22.055 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

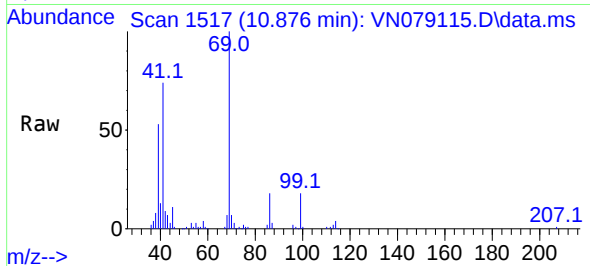
Tgt Ion: 97 Resp: 50481
Ion Ratio Lower Upper
97 100
83 92.1 63.7 95.5
85 60.0 44.9 67.3
99 58.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.638 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

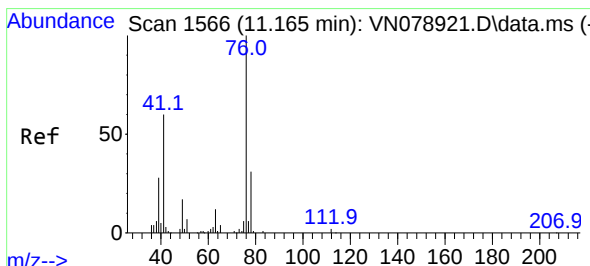
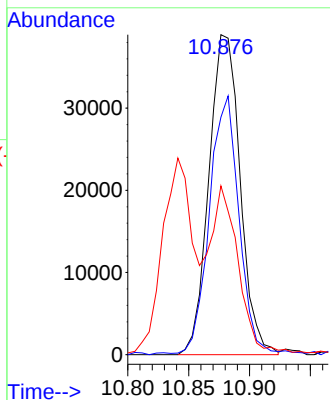
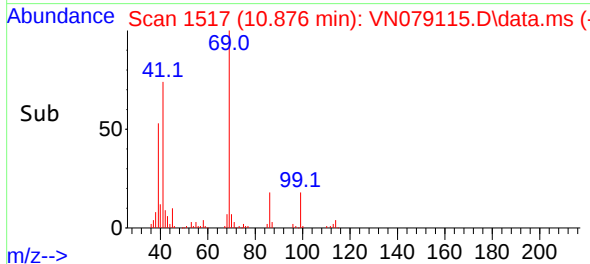
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



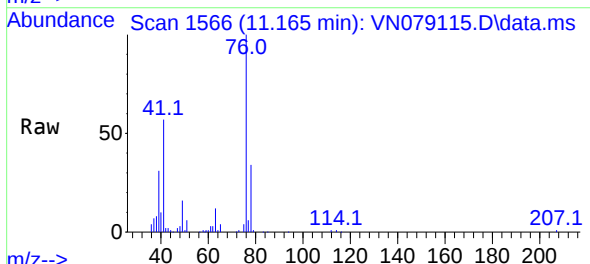
Tgt Ion: 69 Resp: 6957
Ion Ratio Lower Upper
69 100
41 73.7 35.9 107.8
39 51.4 23.5 70.5

Manual Integrations
APPROVED

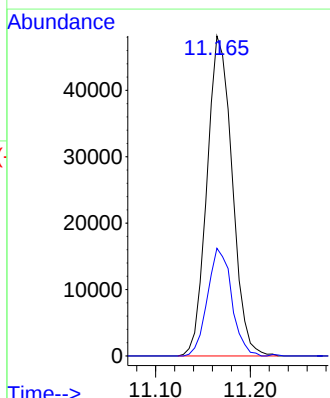
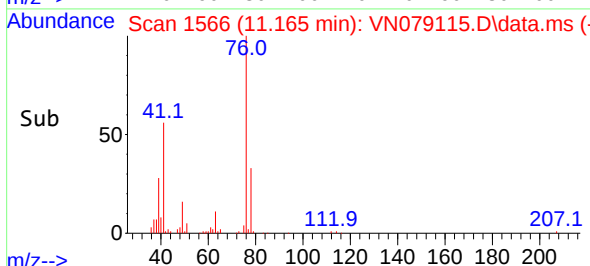
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

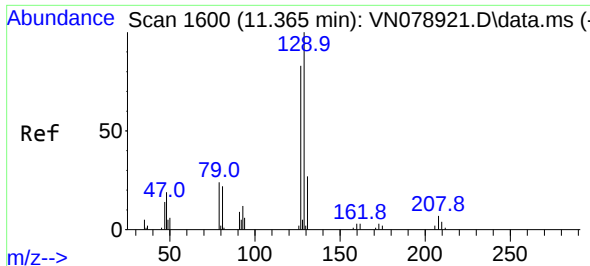


#52
1,3-Dichloropropane
Concen: 21.737 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion: 76 Resp: 89116
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.6





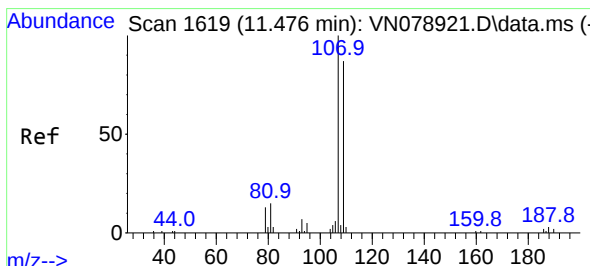
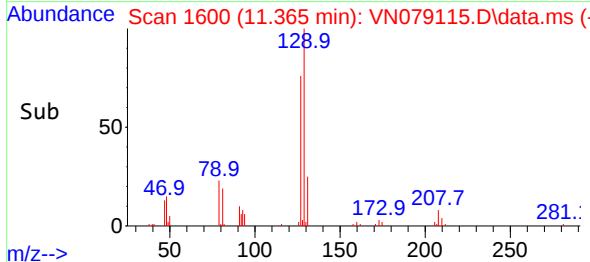
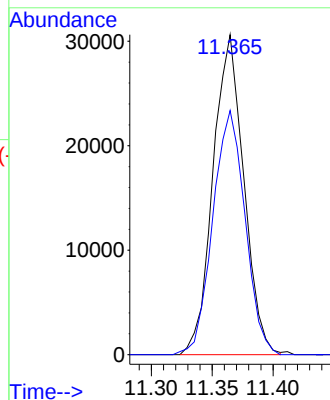
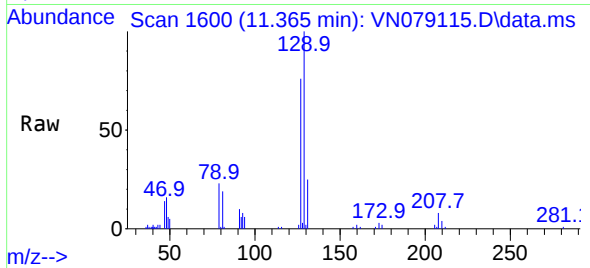
#53
Dibromochloromethane
Concen: 21.501 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 53864
Ion Ratio Lower Upper
129 100
127 79.9 40.1 120.2

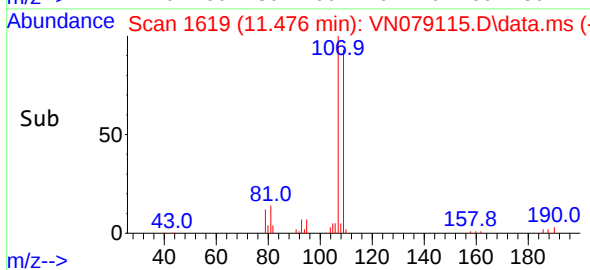
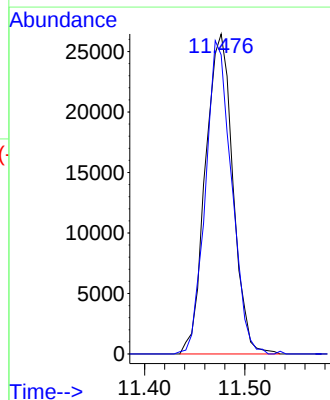
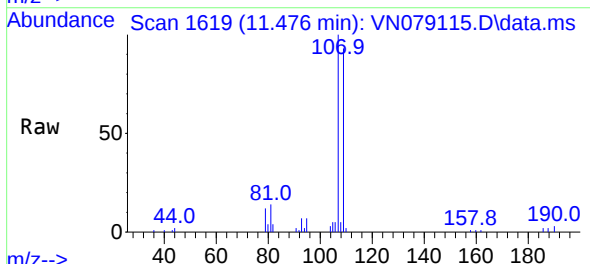
Manual Integrations
APPROVED

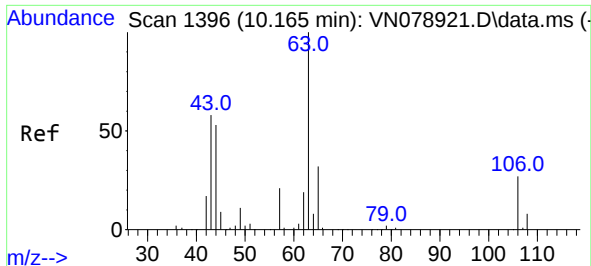
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#54
1,2-Dibromoethane
Concen: 21.459 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

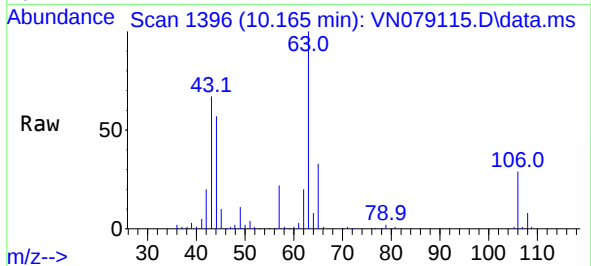
Tgt Ion:107 Resp: 50426
Ion Ratio Lower Upper
107 100
109 92.8 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 100.155 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

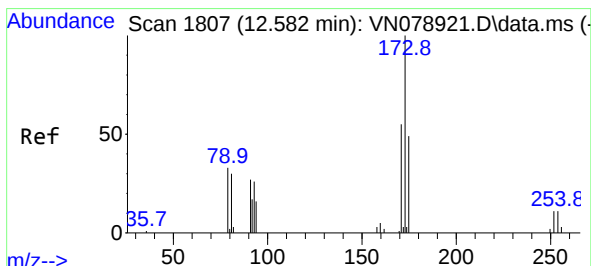
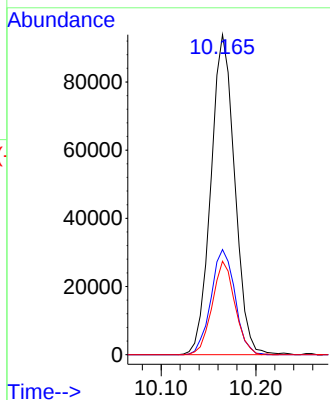
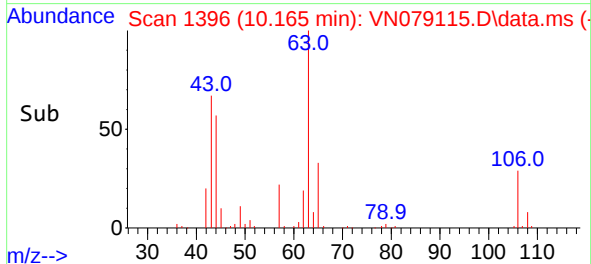
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



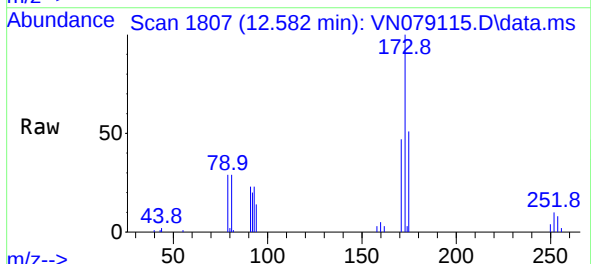
Tgt Ion: 63 Resp: 16400
Ion Ratio Lower Upper
63 100
65 33.1 25.4 38.2
106 27.9 22.3 33.5

Manual Integrations
APPROVED

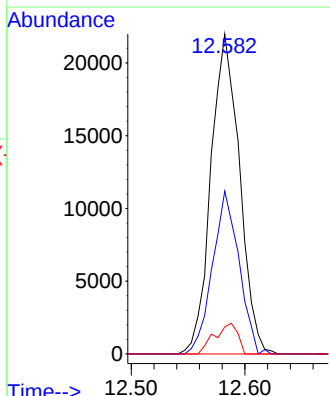
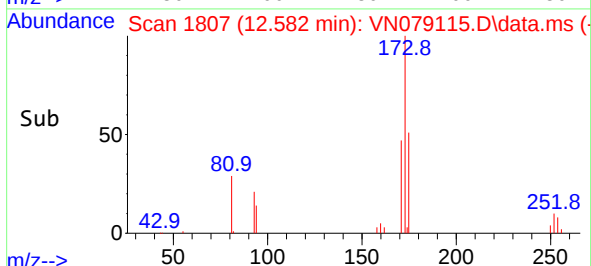
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

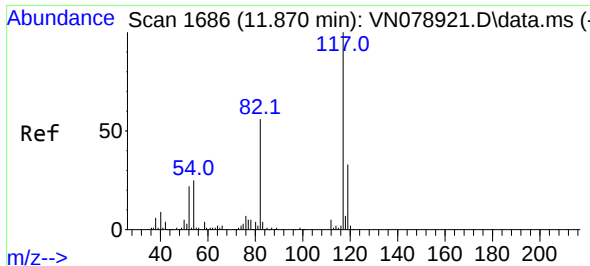


#56
Bromoform
Concen: 21.791 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



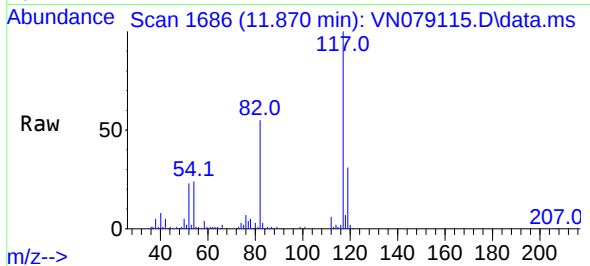
Tgt Ion:173 Resp: 38515
Ion Ratio Lower Upper
173 100
175 46.8 38.8 58.2
254 7.7 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

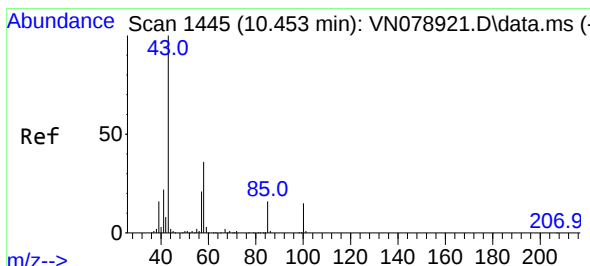
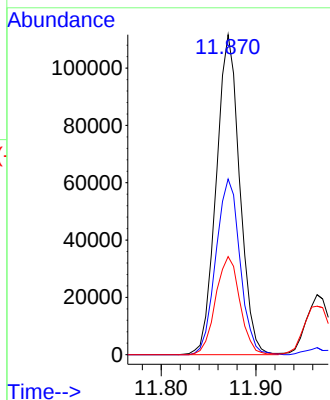
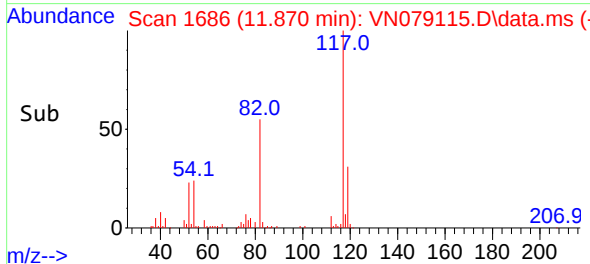
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



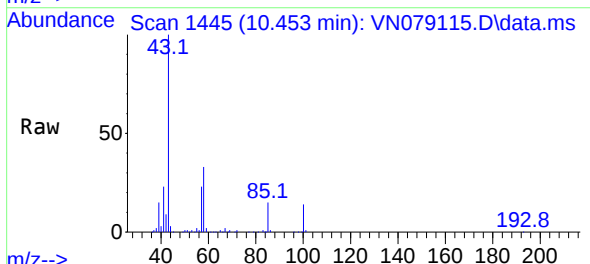
Tgt Ion: 117 Resp: 192783
Ion Ratio Lower Upper
117 100
82 56.3 43.4 65.0
119 31.6 25.5 38.3

Manual Integrations
APPROVED

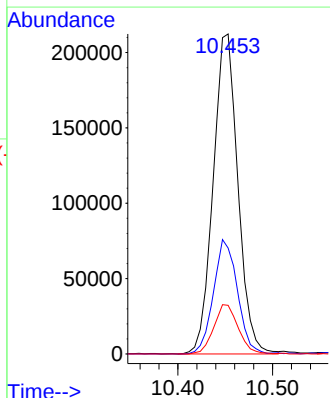
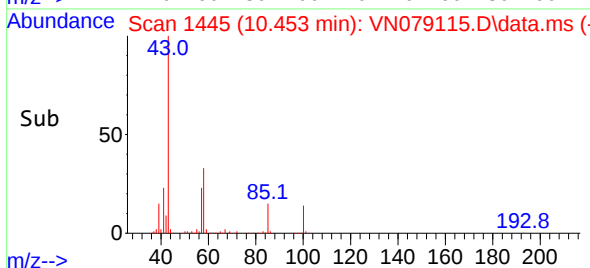
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

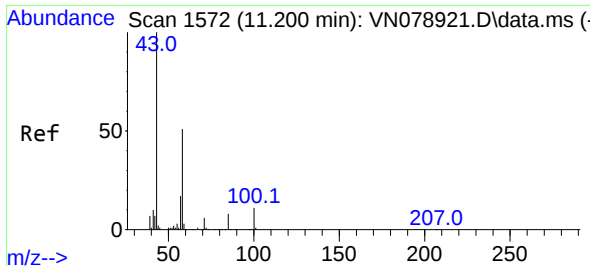


#58
4-Methyl-2-Pentanone
Concen: 100.814 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



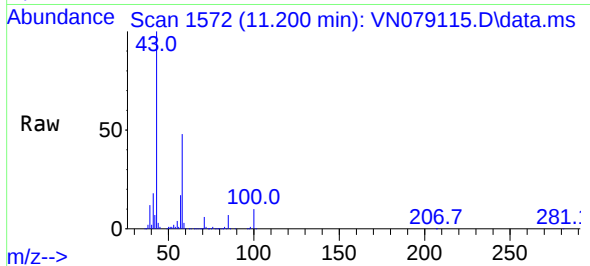
Tgt Ion: 43 Resp: 385603
Ion Ratio Lower Upper
43 100
58 34.6 28.8 43.2
85 15.2 12.7 19.1





#59
2-Hexanone
Concen: 98.148 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

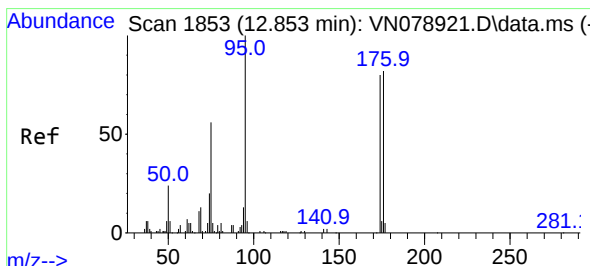
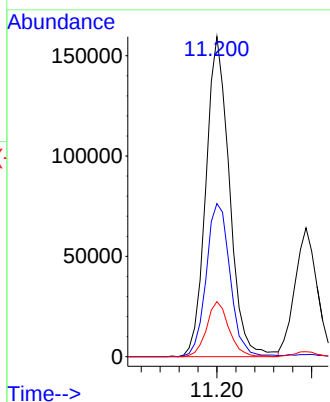
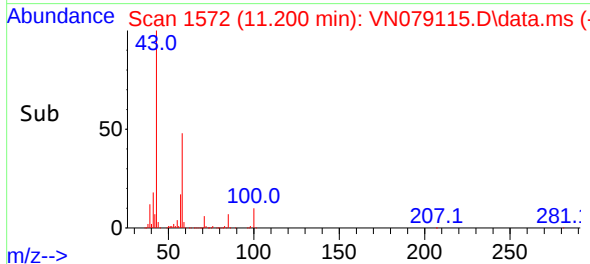
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 27505
Ion Ratio Lower Upper
43 100
58 48.4 40.6 60.8
57 16.2 13.6 20.4

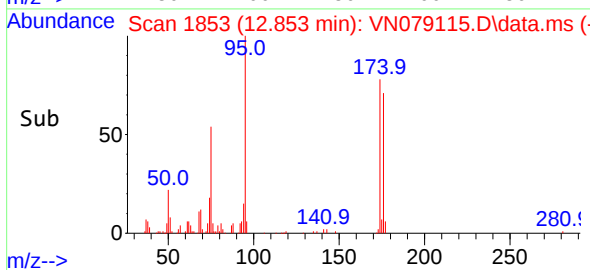
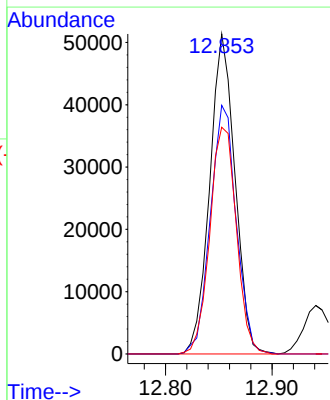
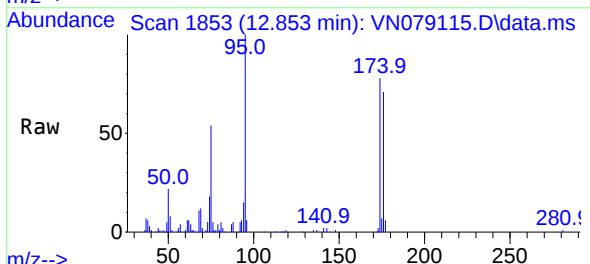
Manual Integrations
APPROVED

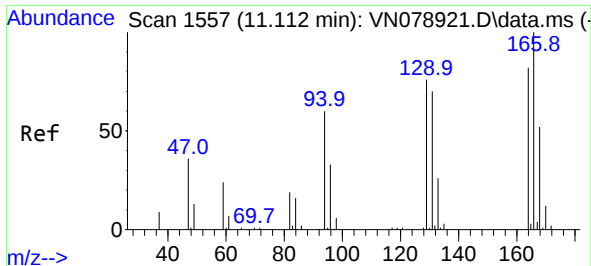
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#60
4-Bromofluorobenzene
Concen: 30.052 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

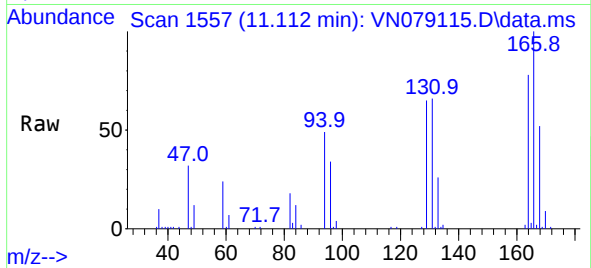
Tgt Ion: 95 Resp: 84512
Ion Ratio Lower Upper
95 100
174 79.8 64.8 97.2
176 74.5 63.0 94.6





#61
Tetrachloroethene
Concen: 21.762 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

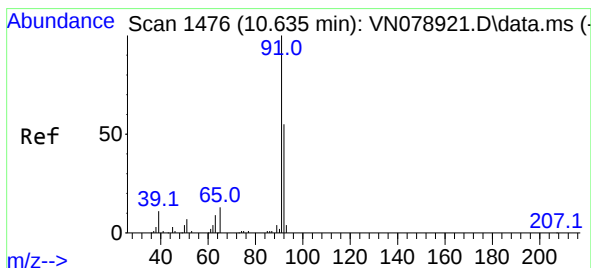
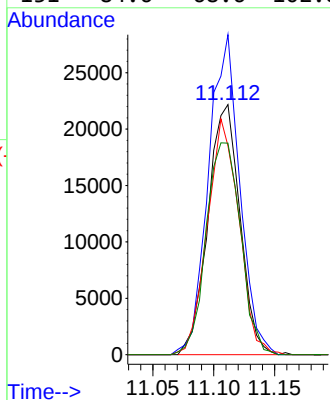
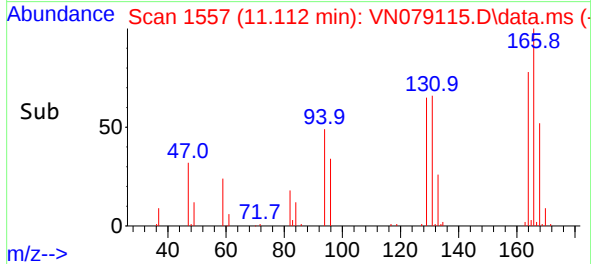
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



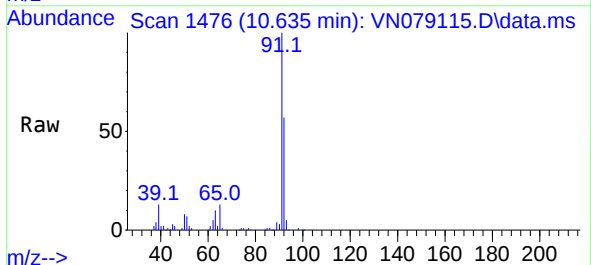
Tgt Ion:164 Resp: 4062
Ion Ratio Lower Upper
164 100
166 128.0 97.6 146.4
129 82.4 74.1 111.1
131 84.6 68.6 102.8

Manual Integrations
APPROVED

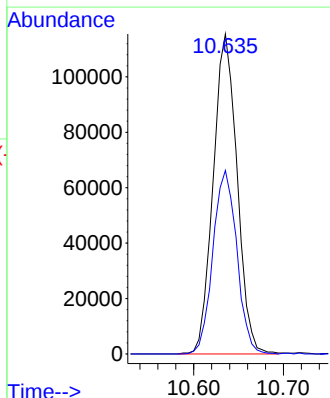
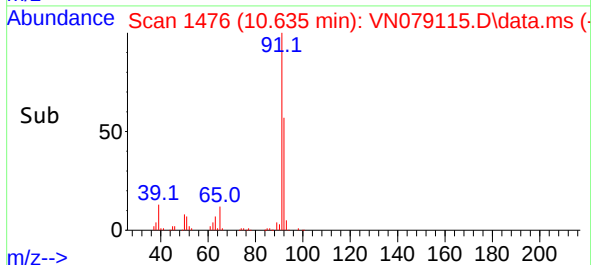
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

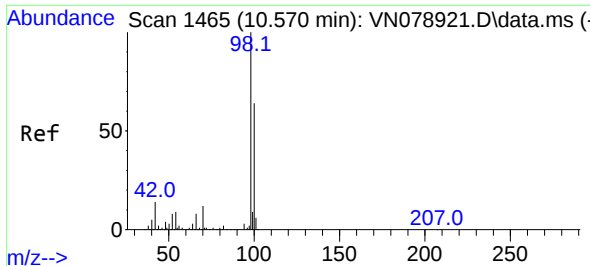


#62
Toluene
Concen: 20.277 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



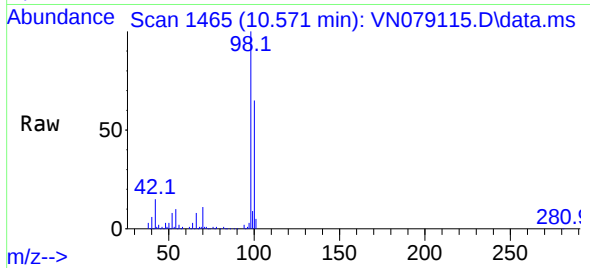
Tgt Ion: 91 Resp: 213411
Ion Ratio Lower Upper
91 100
92 57.3 44.7 67.1





#63
Toluene-d8
Concen: 30.044 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

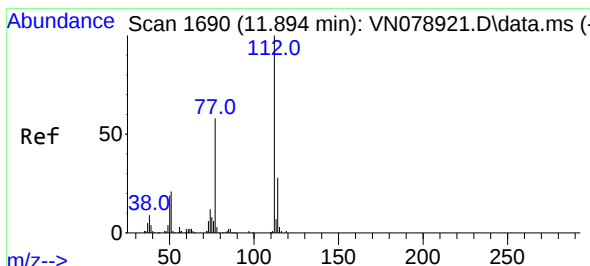
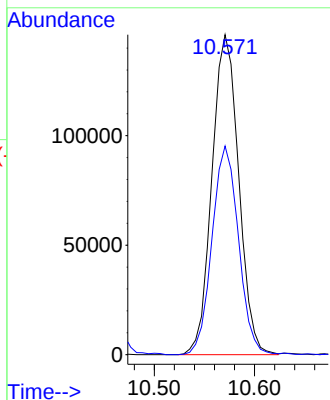
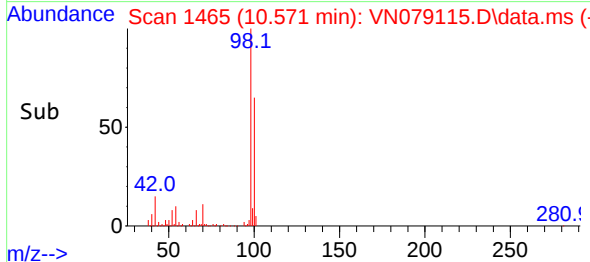
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



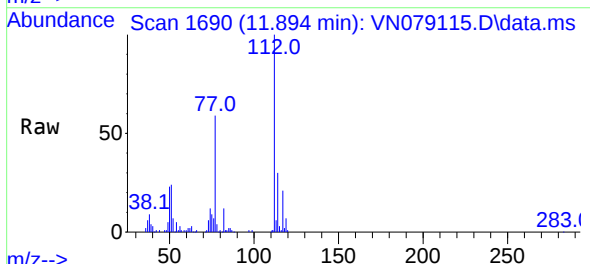
Tgt Ion: 98 Resp: 27048
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7

Manual Integrations
APPROVED

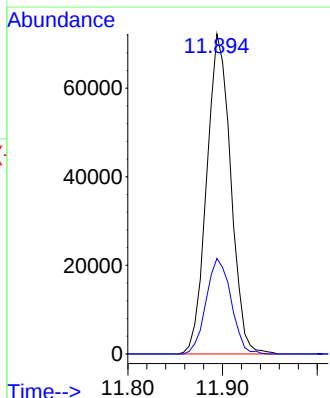
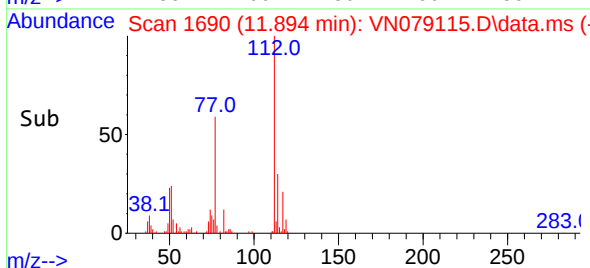
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

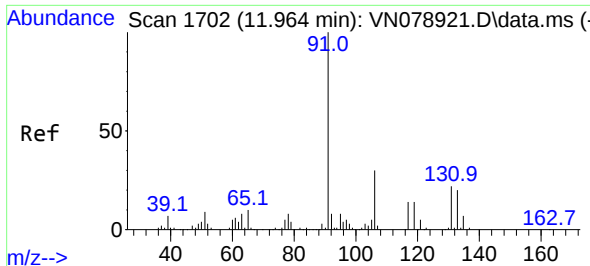


#64
Chlorobenzene
Concen: 20.189 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion:112 Resp: 127763
Ion Ratio Lower Upper
112 100
114 29.9 22.4 33.6





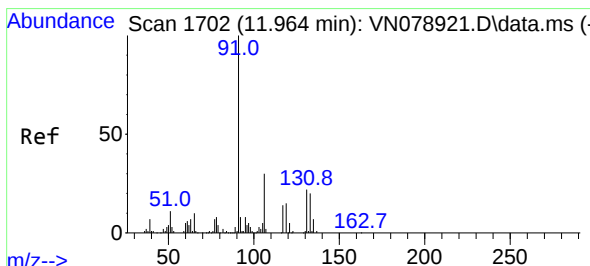
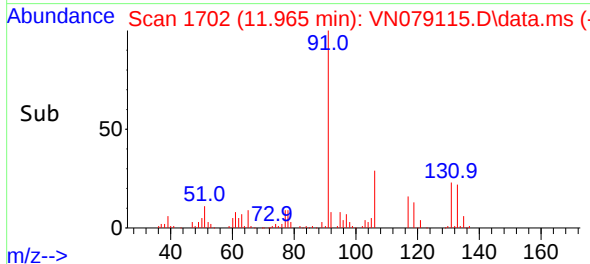
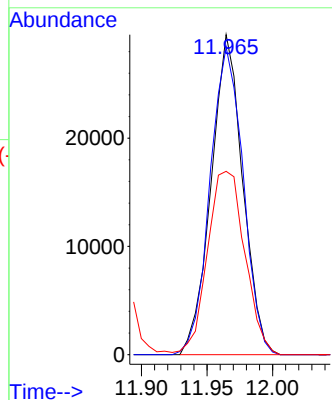
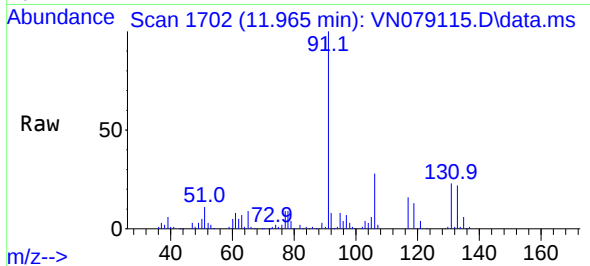
#65
1,1,1,2-Tetrachloroethane
Concen: 20.493 ug/l
RT: 11.965 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 49580
Ion Ratio Lower Upper
131 100
133 100.6 0.0 184.8
119 67.7 0.0 133.4

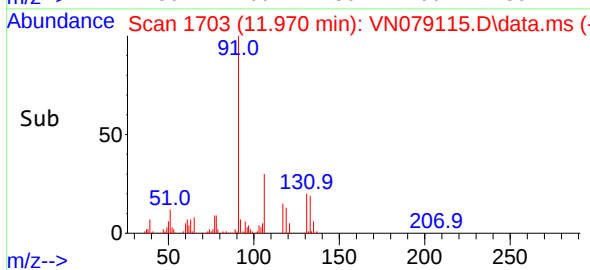
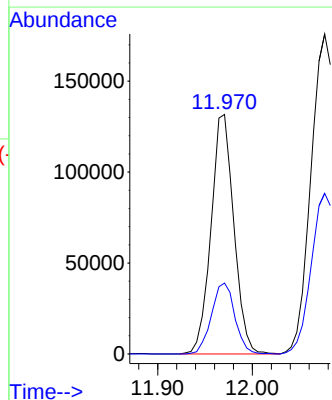
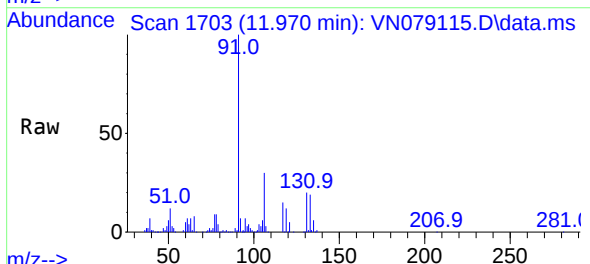
Manual Integrations
APPROVED

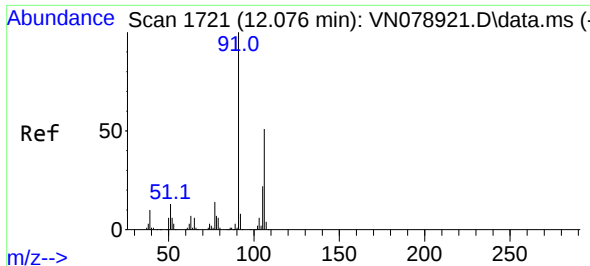
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#66
Ethyl Benzene
Concen: 20.097 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

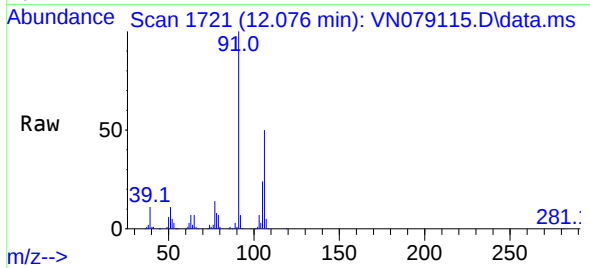
Tgt Ion: 91 Resp: 221257
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1





#67
m/p-Xylenes
Concen: 41.846 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

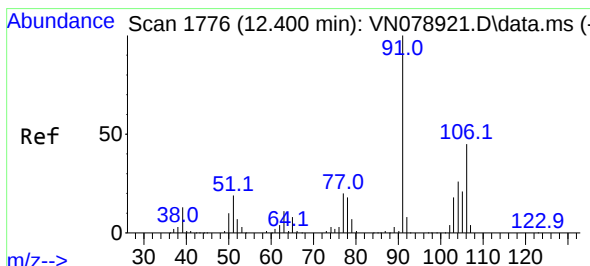
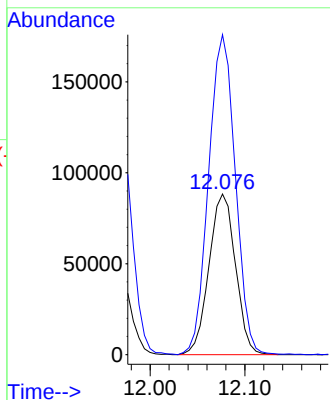
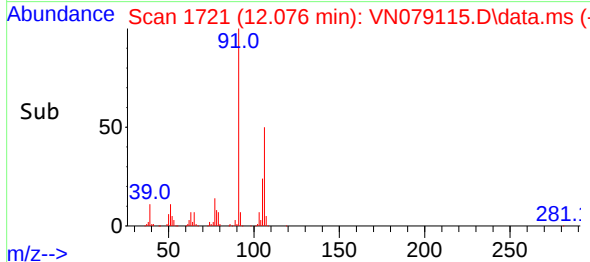
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



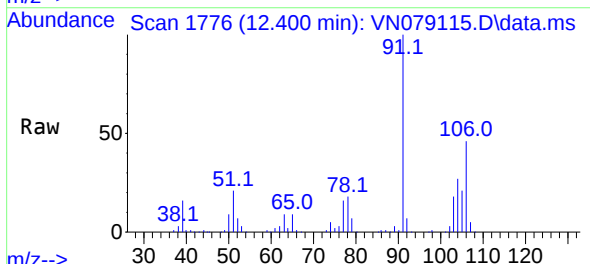
Tgt Ion:106 Resp: 171772
Ion Ratio Lower Upper
106 100
91 200.7 161.2 241.8

Manual Integrations
APPROVED

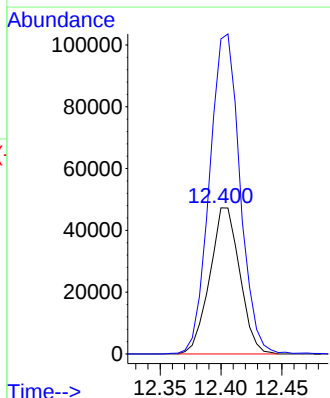
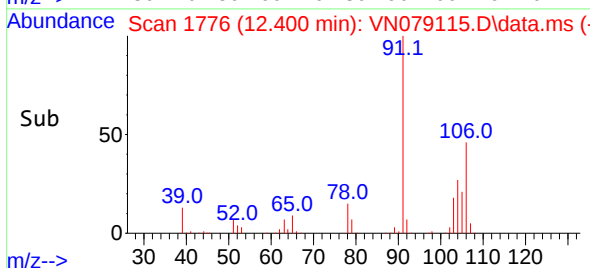
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

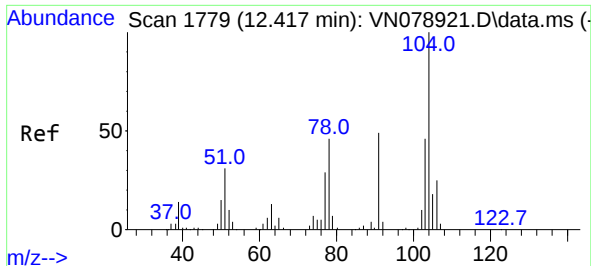


#68
o-Xylene
Concen: 20.077 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion:106 Resp: 81258
Ion Ratio Lower Upper
106 100
91 222.0 109.0 327.0





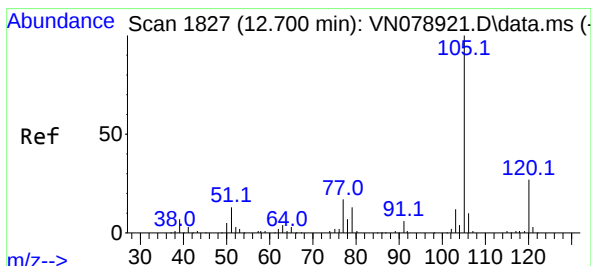
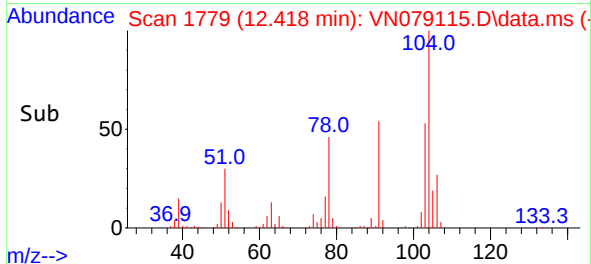
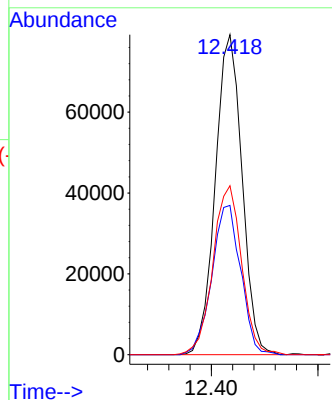
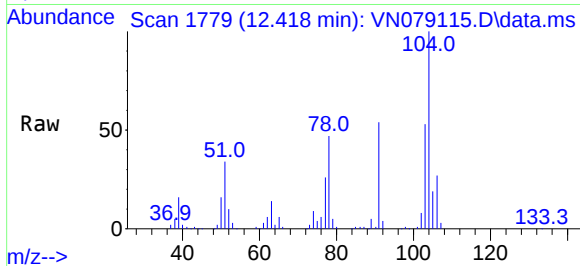
#69
Styrene
Concen: 20.985 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 138012
Ion Ratio Lower Upper
104 100
78 50.2 40.2 60.4
103 56.7 43.2 64.8

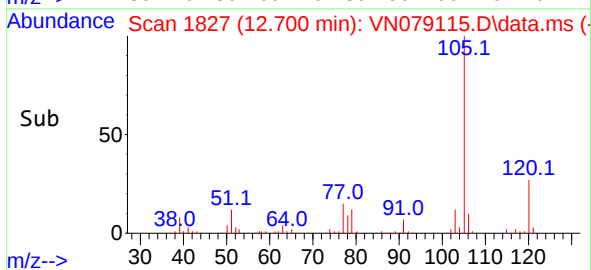
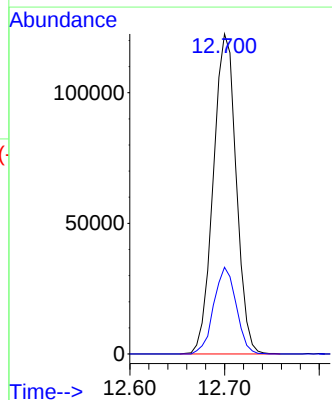
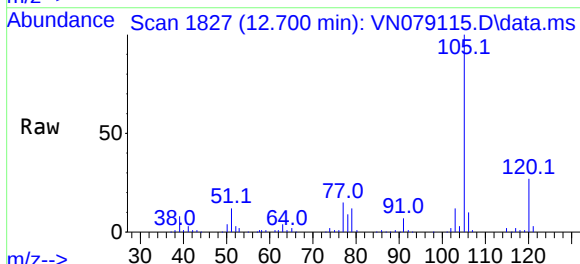
Manual Integrations
APPROVED

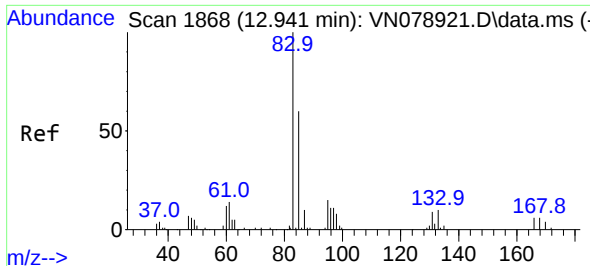
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#70
Isopropylbenzene
Concen: 21.024 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Tgt Ion:105 Resp: 206180
Ion Ratio Lower Upper
105 100
120 26.5 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 21.567 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

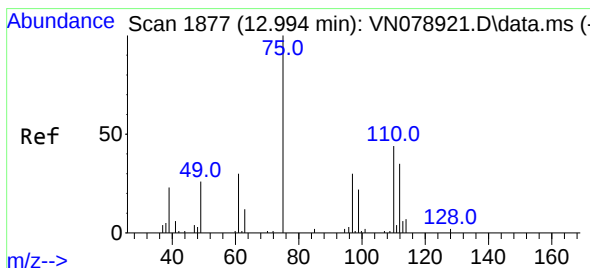
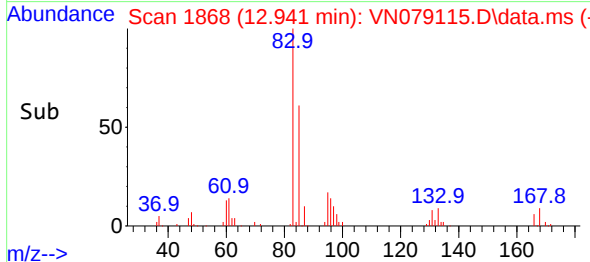
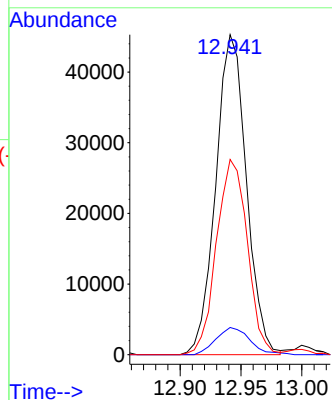
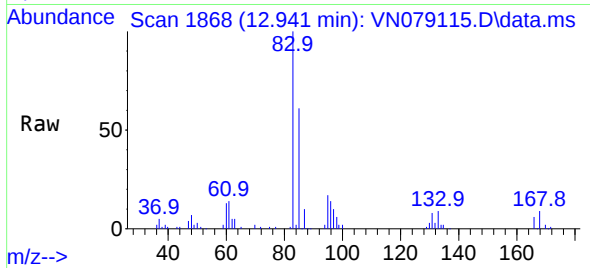
VSTDCCC020EC

Tgt Ion: 83 Resp: 79284
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.0
85 61.5 31.9 95.7

Manual Integrations

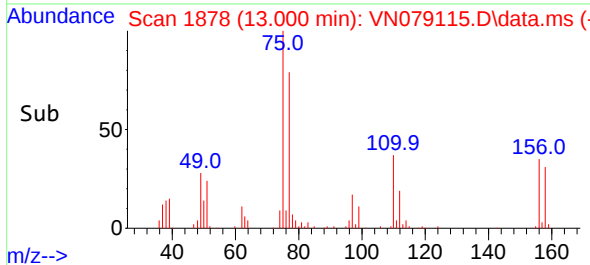
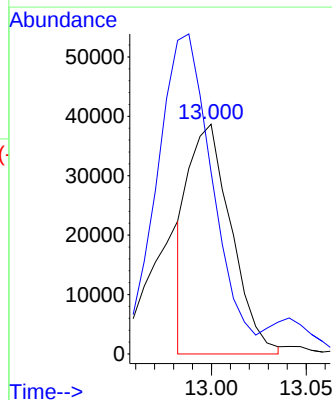
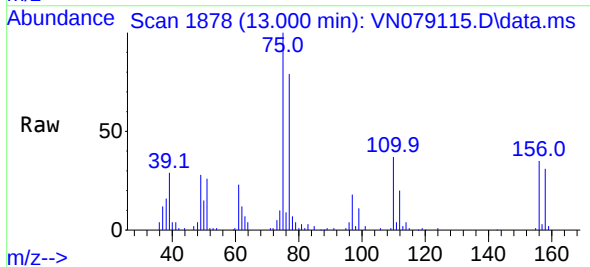
APPROVED

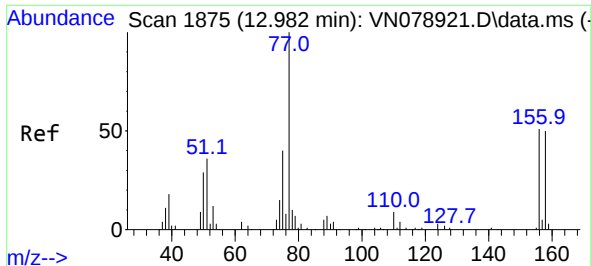
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#72
1,2,3-Trichloropropane
Concen: 20.138 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

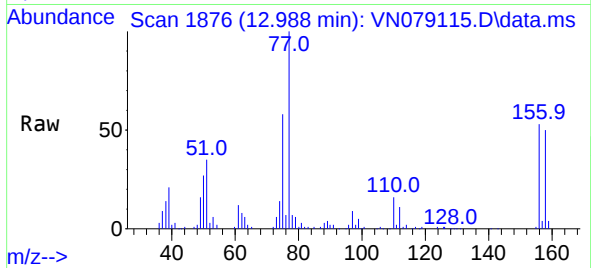
Tgt Ion: 75 Resp: 60736
Ion Ratio Lower Upper
75 100
77 181.8 0.0 367.4





#73
Bromobenzene
Concen: 21.398 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

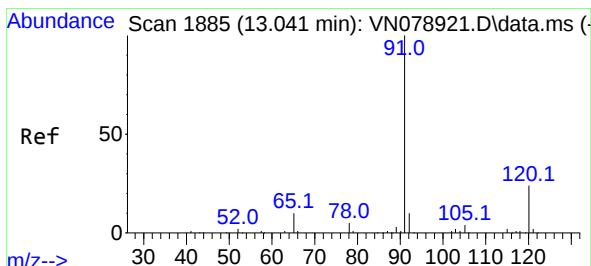
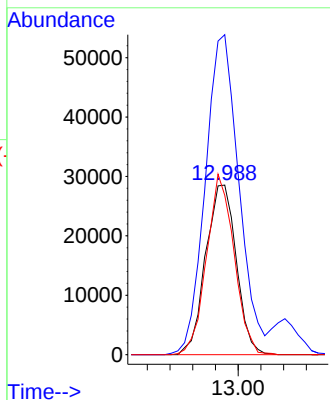
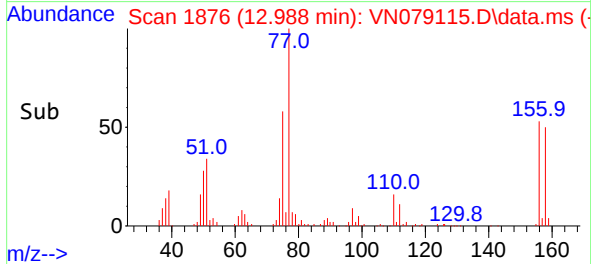
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



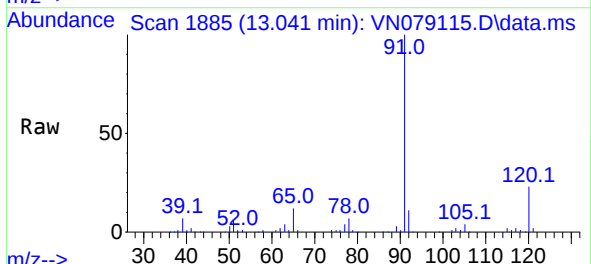
Tgt Ion:156 Resp: 5342
Ion Ratio Lower Upper
156 100
77 206.7 0.0 431.0
158 95.7 0.0 196.8

Manual Integrations
APPROVED

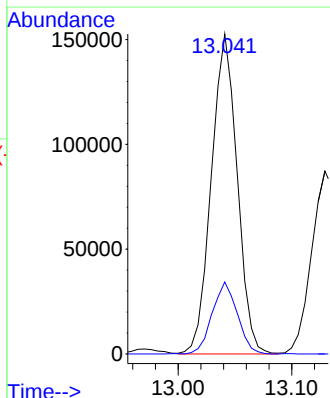
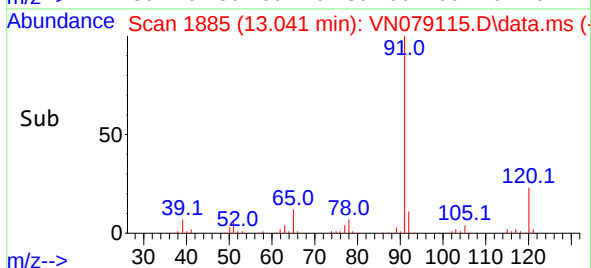
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

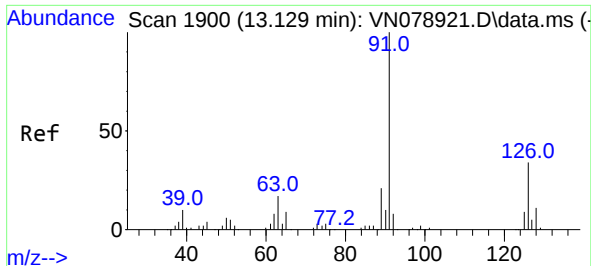


#74
n-propylbenzene
Concen: 21.745 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion: 91 Resp: 241683
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.4





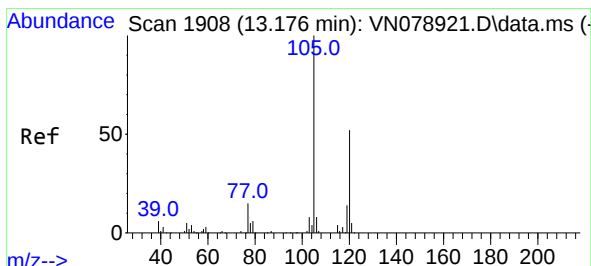
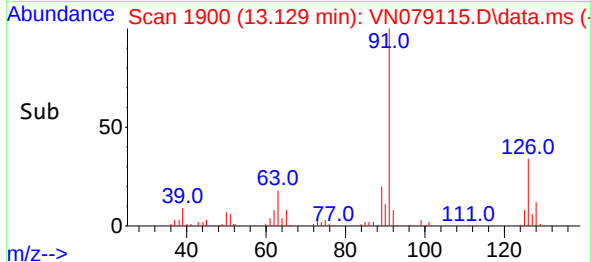
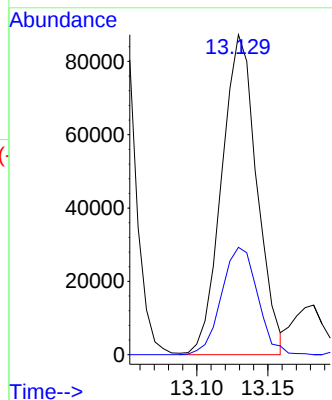
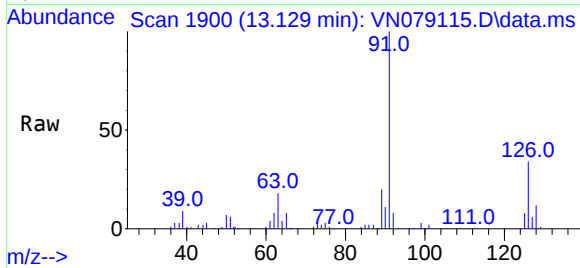
#75
2-Chlorotoluene
Concen: 21.356 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 150574
Ion Ratio Lower Upper
91 100
126 34.3 0.0 67.2

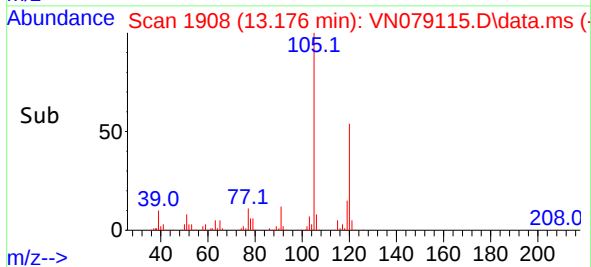
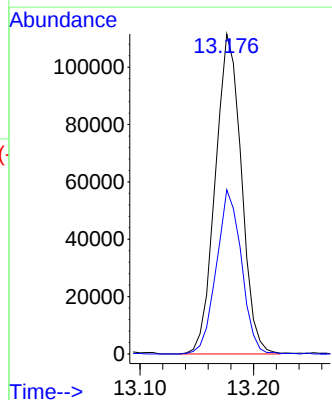
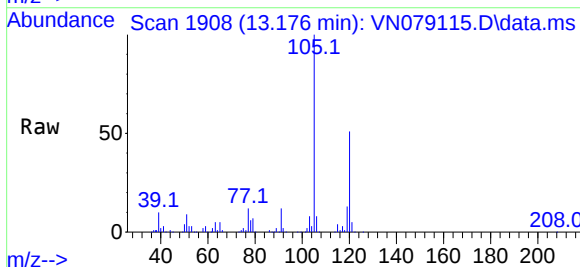
Manual Integrations
APPROVED

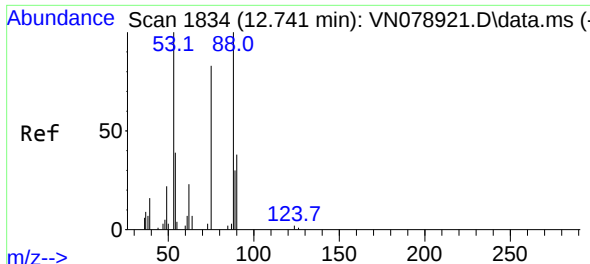
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#76
1,3,5-Trimethylbenzene
Concen: 22.907 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

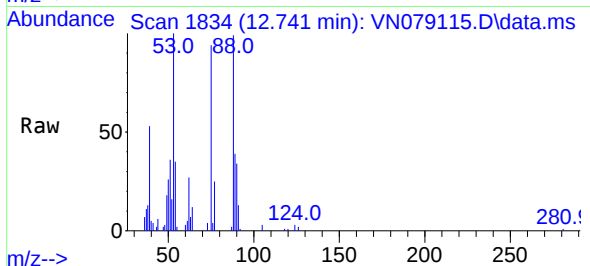
Tgt Ion:105 Resp: 178079
Ion Ratio Lower Upper
105 100
120 49.2 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.055 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

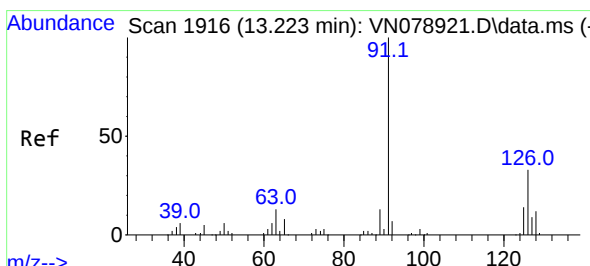
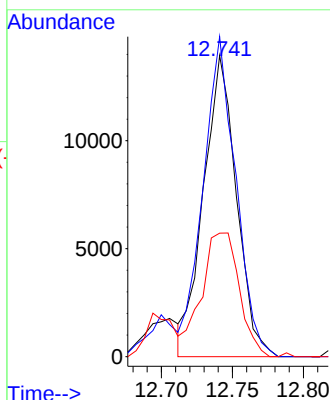
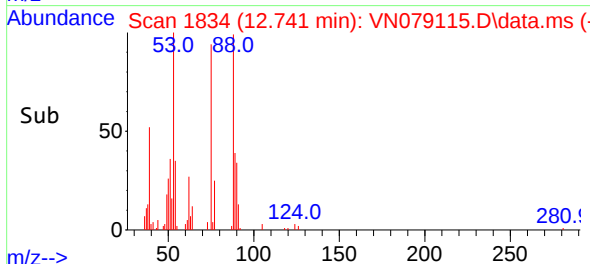
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



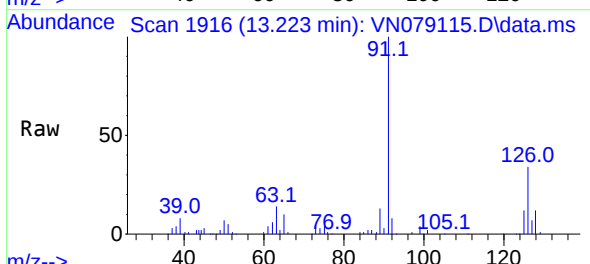
Tgt Ion: 75 Resp: 2247
Ion Ratio Lower Upper
75 100
53 106.3 60.1 180.3
89 41.0 22.9 68.8

Manual Integrations
APPROVED

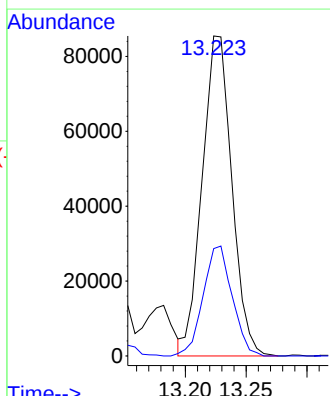
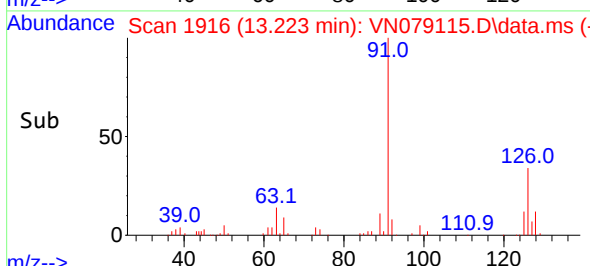
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

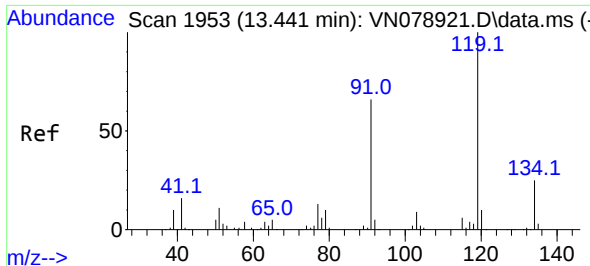


#78
4-Chlorotoluene
Concen: 21.455 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion: 91 Resp: 144929
Ion Ratio Lower Upper
91 100
126 33.6 0.0 67.4





#79
tert-butylbenzene
Concen: 21.157 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :

MSVOA_N

ClientSampleId :

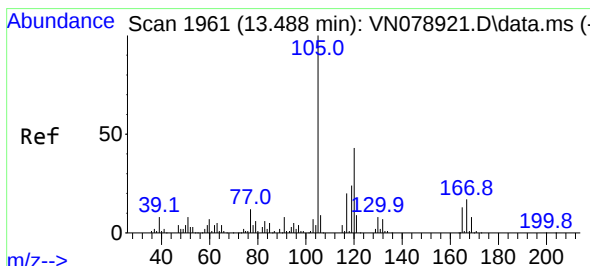
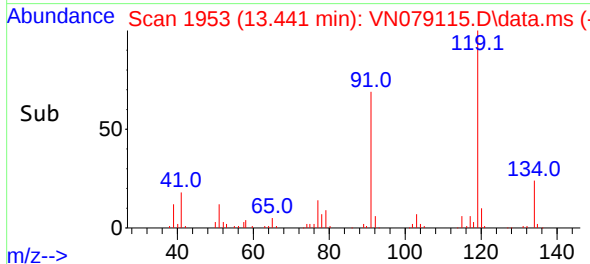
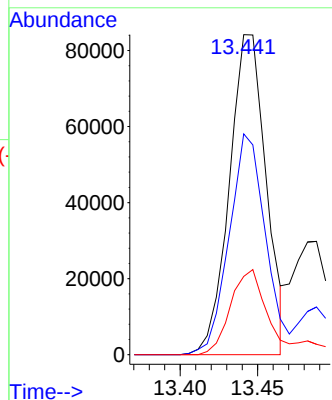
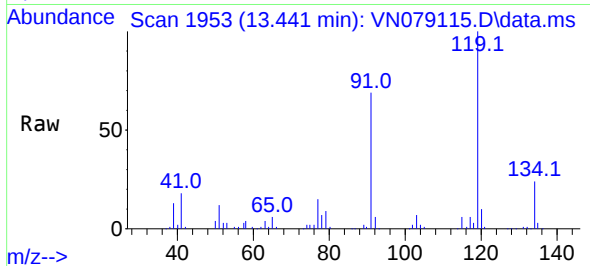
VSTDCCC020EC

Tgt Ion:119 Resp: 138980
Ion Ratio Lower Upper
119 100
91 68.4 0.0 135.6
134 25.8 0.0 51.4

Manual Integrations

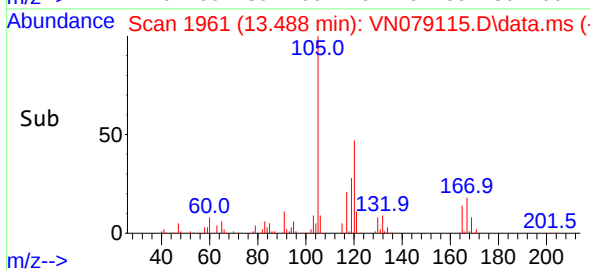
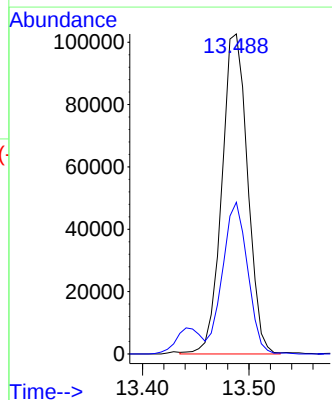
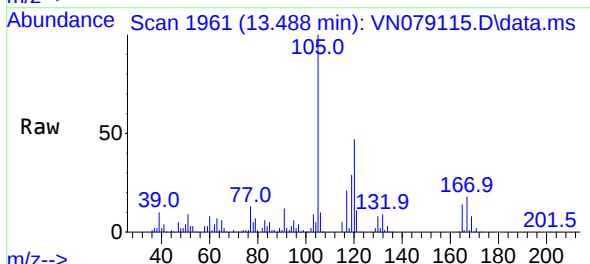
APPROVED

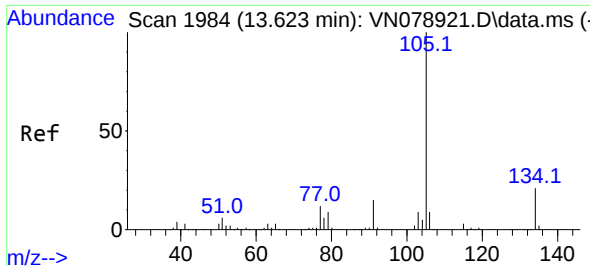
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#80
1,2,4-Trimethylbenzene
Concen: 22.553 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Tgt Ion:105 Resp: 172396
Ion Ratio Lower Upper
105 100
120 45.9 0.0 91.6





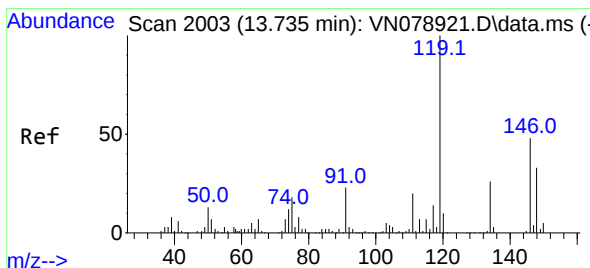
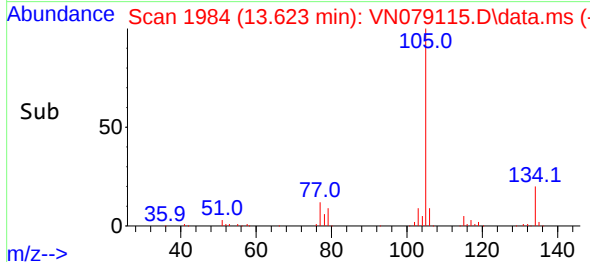
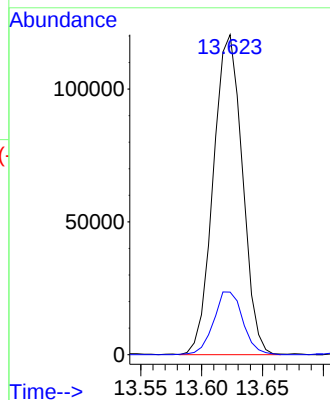
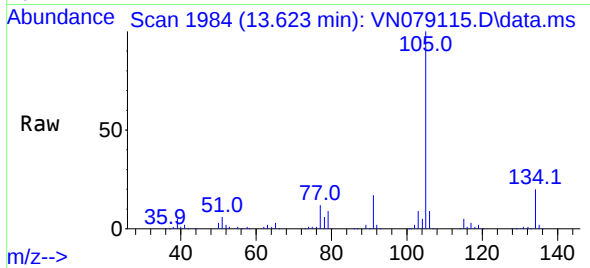
#81
 sec-Butylbenzene
 Concen: 23.137 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079115.D
 Acq: 30 Aug 2023 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 20058
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 41.6

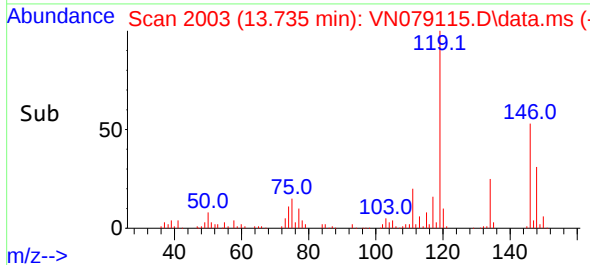
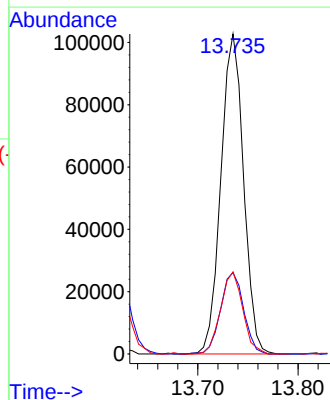
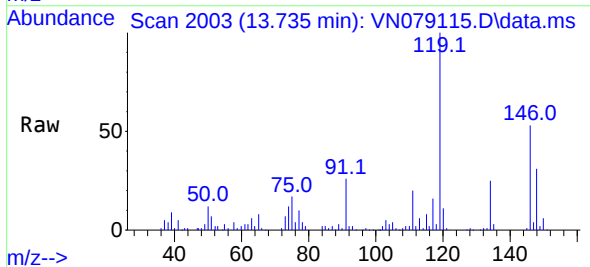
Manual Integrations
 APPROVED

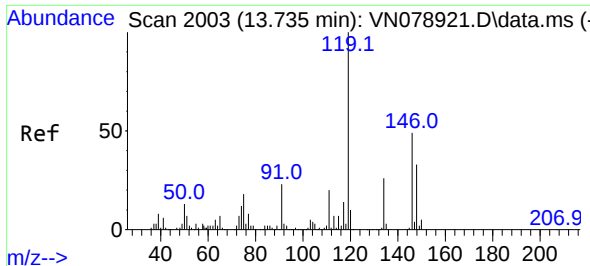
Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023



#82
 p-Isopropyltoluene
 Concen: 22.697 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079115.D
 Acq: 30 Aug 2023 16:52

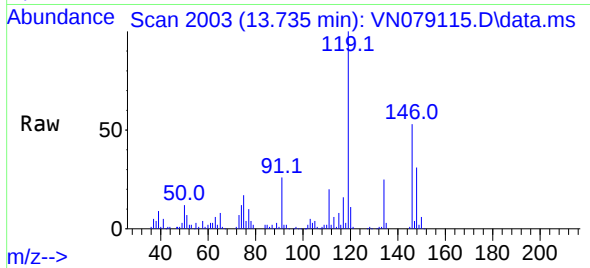
Tgt Ion:119 Resp: 160660
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.4
 91 25.1 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 22.356 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

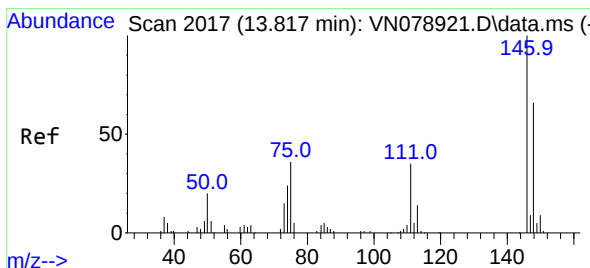
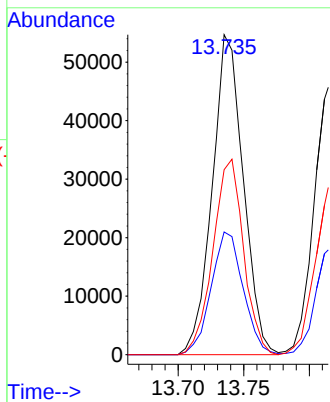
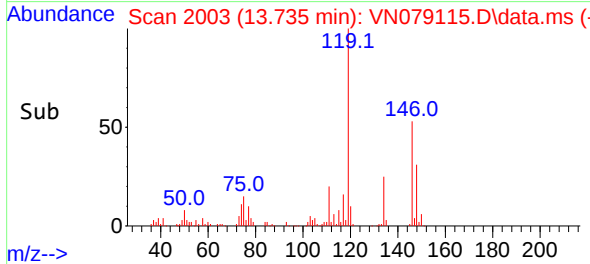
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



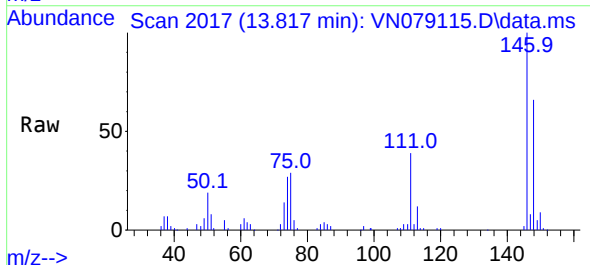
Tgt Ion:146 Resp: 90075
Ion Ratio Lower Upper
146 100
111 39.6 21.2 63.6
148 60.2 33.1 99.5

Manual Integrations
APPROVED

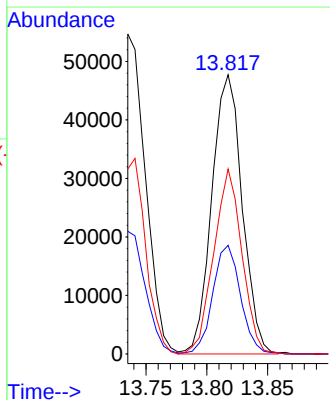
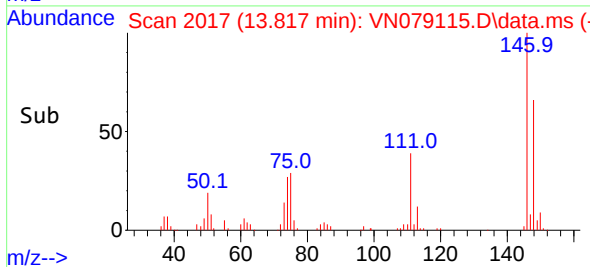
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

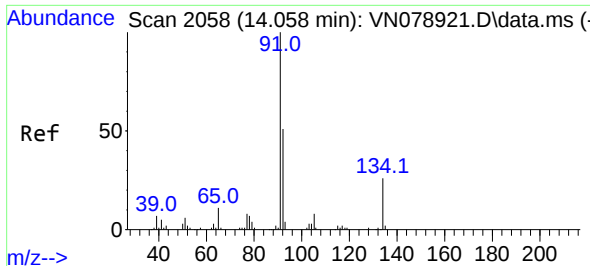


#84
1,4-Dichlorobenzene
Concen: 20.969 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion:146 Resp: 82951
Ion Ratio Lower Upper
146 100
111 35.6 18.6 56.0
148 61.4 32.0 96.2





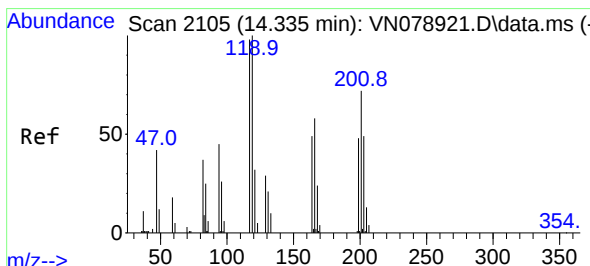
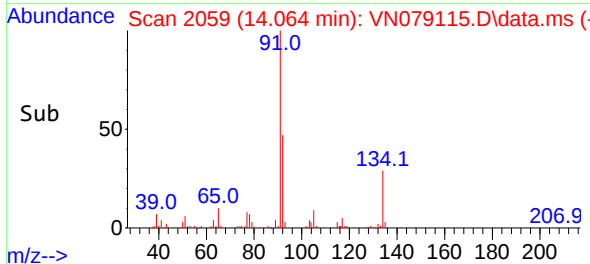
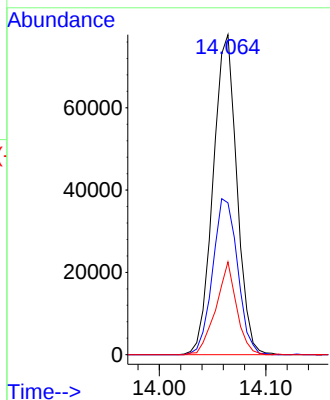
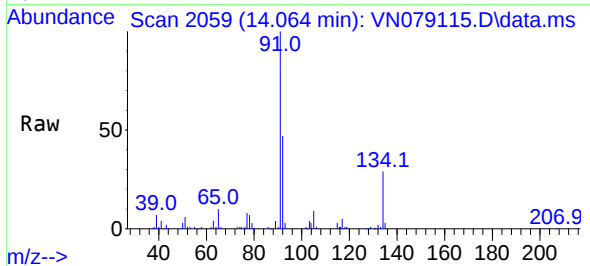
#85
n-Butylbenzene
Concen: 21.653 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 12054
Ion Ratio Lower Upper
91 100
92 51.2 0.0 102.8
134 25.3 0.0 48.6

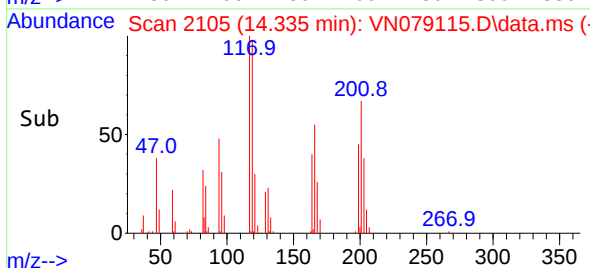
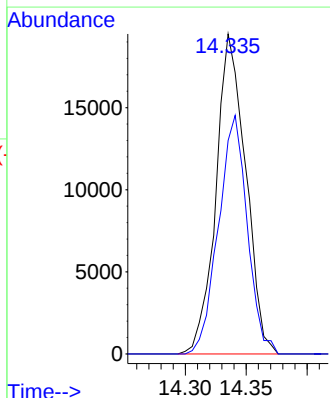
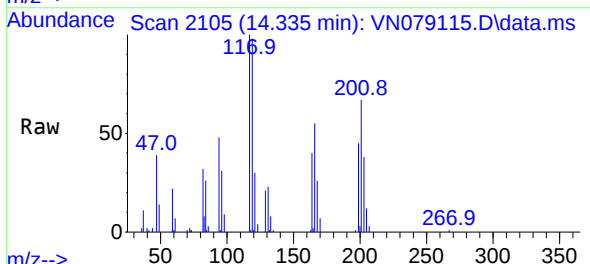
Manual Integrations
APPROVED

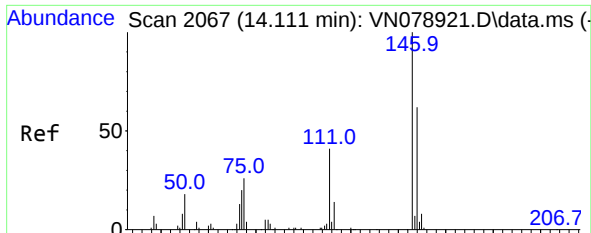
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#86
Hexachloroethane
Concen: 22.833 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

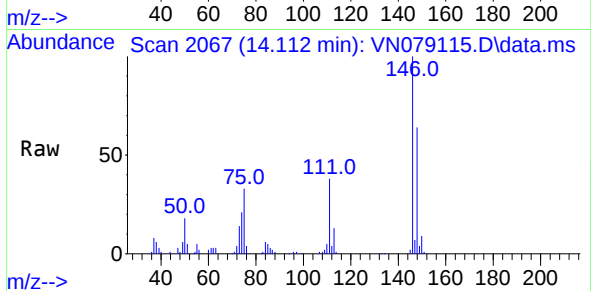
Tgt Ion:117 Resp: 33069
Ion Ratio Lower Upper
117 100
201 72.4 36.6 109.8





#87
1,2-Dichlorobenzene
Concen: 21.105 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

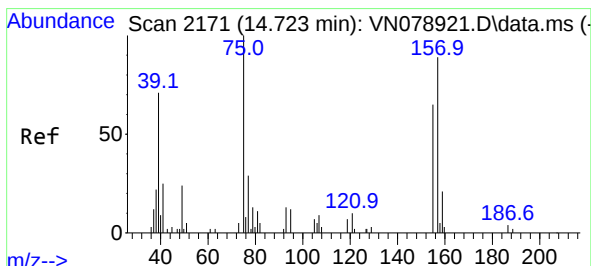
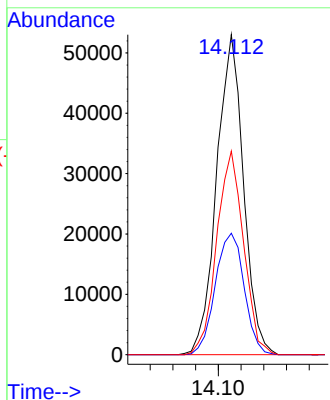
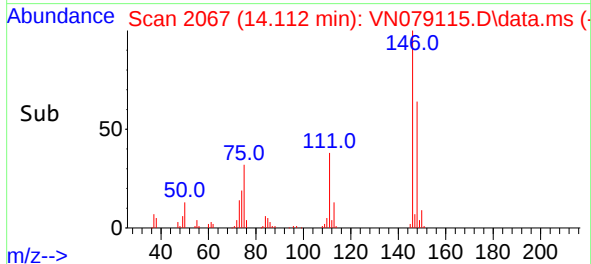
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



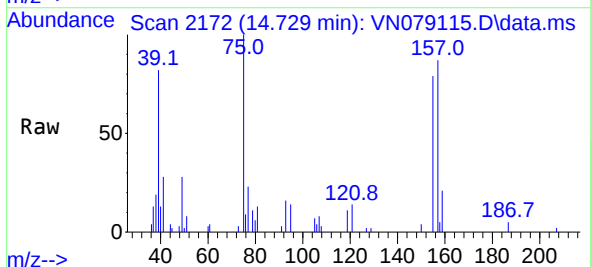
Tgt Ion:146 Resp: 87095
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.8
148 63.8 32.0 96.2

Manual Integrations
APPROVED

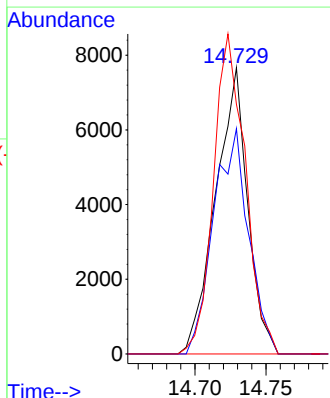
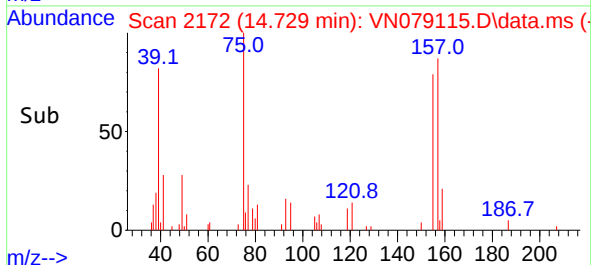
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

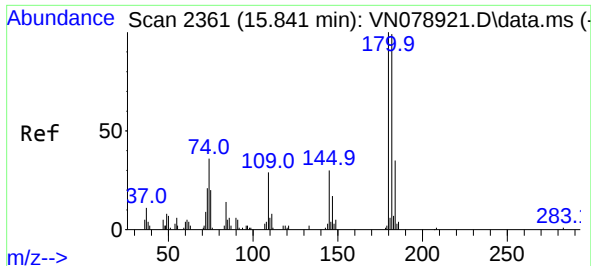


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.232 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



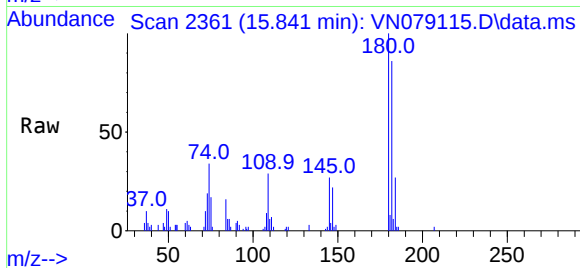
Tgt Ion: 75 Resp: 12030
Ion Ratio Lower Upper
75 100
155 86.0 61.1 91.7
157 110.8 79.8 119.6





#89
1,2,4-Trichlorobenzene
Concen: 18.267 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

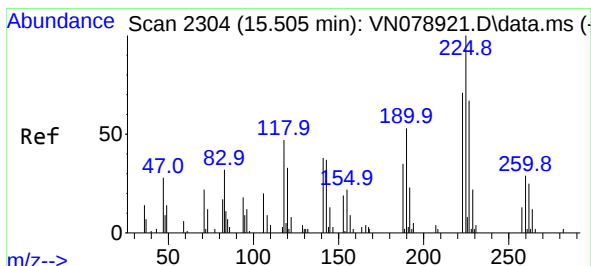
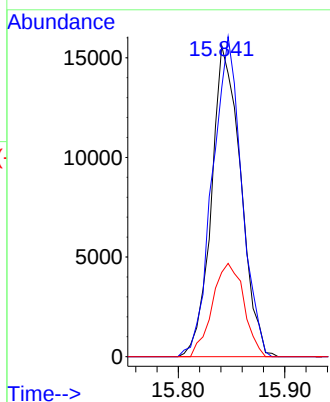
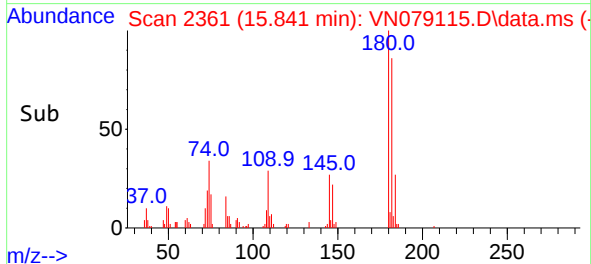
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



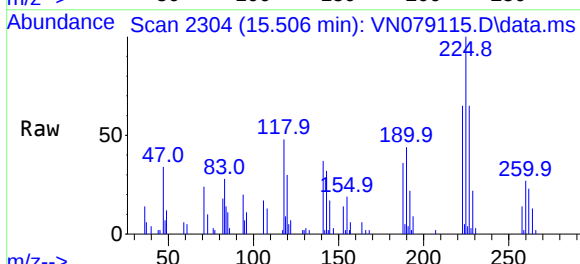
Tgt Ion:180 Resp: 29772
Ion Ratio Lower Upper
180 100
182 102.8 76.1 114.1
145 32.2 26.5 39.7

Manual Integrations
APPROVED

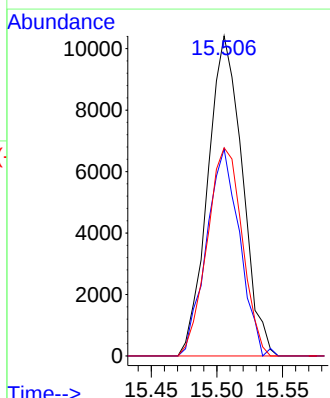
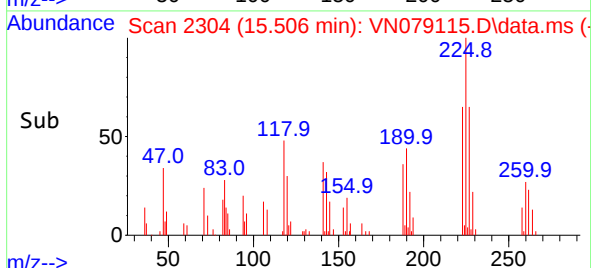
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

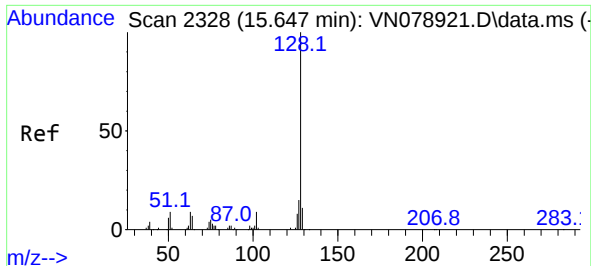


#90
Hexachlorobutadiene
Concen: 22.471 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



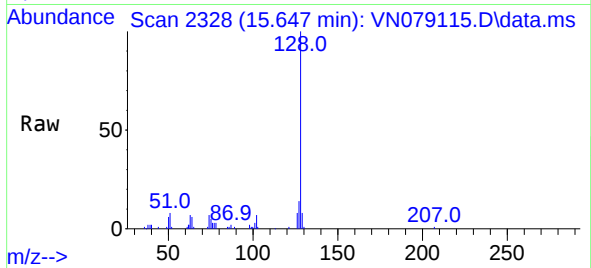
Tgt Ion:225 Resp: 19067
Ion Ratio Lower Upper
225 100
223 61.6 0.0 124.0
227 65.9 0.0 117.4





#91
Naphthalene
Concen: 14.862 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52

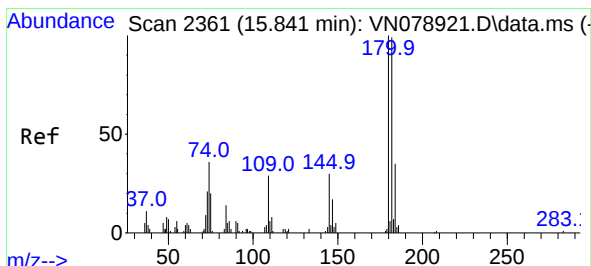
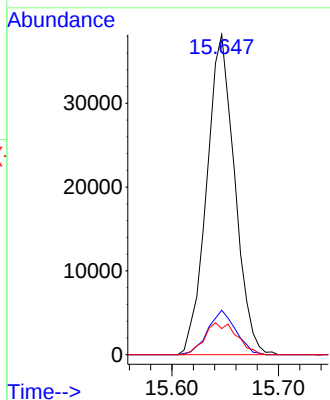
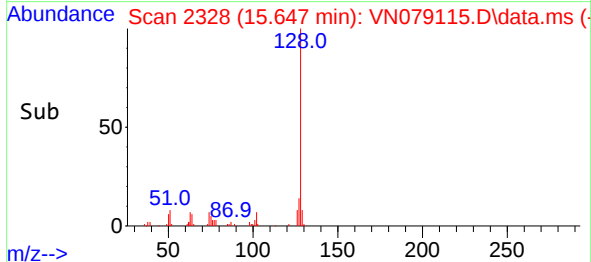
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



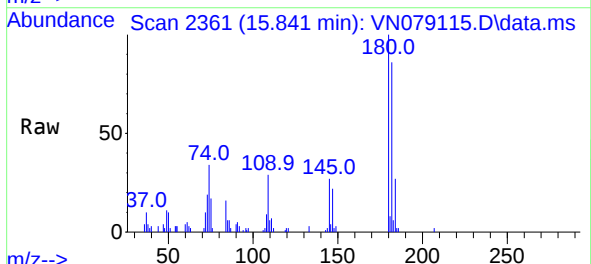
Tgt Ion:128 Resp: 6986
Ion Ratio Lower Upper
128 100
127 13.9 11.1 16.7
129 11.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.267 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079115.D
Acq: 30 Aug 2023 16:52



Tgt Ion:180 Resp: 29772
Ion Ratio Lower Upper
180 100
182 102.8 0.0 190.2
145 32.2 0.0 66.2

