

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080123\
 Data File : VN078719.D
 Acq On : 01 Aug 2023 16:10
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Aug 02 02:52:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 02:50:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

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

Internal Standards						
1) Bromochloromethane	7.824	128	114943	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	654845	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	577200	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	246170	28.423	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.733%
60) 4-Bromofluorobenzene	12.853	95	291144	35.010	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	116.700%#
63) Toluene-d8	10.571	98	804337	28.138	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	463368	72.875	ug/l	100
3) Chloromethane	2.377	50	564013	71.388	ug/l	96
4) Vinyl Chloride	2.518	62	904379	87.588	ug/l	94
5) Bromomethane	2.948	94	599183	75.747	ug/l	98
6) Chloroethane	3.118	64	558037	82.251	ug/l	96
7) Trichlorofluoromethane	3.500	101	875916	81.661	ug/l	96
8) Diethyl Ether	3.971	74	298266	86.105	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	481548	84.307	ug/l	97
10) 1,1-Dichloroethene	4.347	96	465720	84.946	ug/l	94
11) Methyl Iodide	4.595	142	689797	90.820	ug/l	99
12) Methyl Acetate	5.036	43	713586	88.102	ug/l	95
13) Acrolein	4.189	56	381895	399.415	ug/l	99
14) Acrylonitrile	5.730	53	1092503	465.648	ug/l	98
15) Acetone	4.442	58	352493	502.696	ug/l	89
16) Carbon Disulfide	4.724	76	1251053	79.877	ug/l	98
17) Allyl chloride	5.030	41	597750	78.272	ug/l	93
18) Methylene Chloride	5.289	84	528747	89.277	ug/l	95
19) trans-1,2-Dichloroethene	5.794	96	518263	81.158	ug/l	95
20) Diisopropyl ether	6.683	45	1491859	89.136	ug/l	99
21) 1,1-Dichloroethane	6.583	63	938188	83.993	ug/l	97
22) cis-1,2-Dichloroethene	7.494	96	617822	87.126	ug/l	99
23) tert-Butyl Alcohol	5.536	59	435250	405.485	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	1561795	84.542	ug/l	97
25) Chloroform	7.971	83	1056646	90.578	ug/l	94
26) Cyclohexane	8.265	56	734816	90.152	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	759966	93.976	ug/l	99
30) 2-Butanone	7.488	43	1530760	480.711	ug/l	99
31) 2,2-Dichloropropane	7.500	77	890448	96.329	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	926908	89.666	ug/l	99
33) Carbon Tetrachloride	8.371	117	846275	92.898	ug/l	95
34) Benzene	8.612	78	2252590	92.402	ug/l	99
35) Methacrylonitrile	7.788	41	317674	89.654	ug/l	89
36) 1,2-Dichloroethane	8.677	62	781952	90.923	ug/l	99
37) Trichloroethene	9.359	130	673838	100.340	ug/l	97
38) Methylcyclohexane	9.612	83	877854	109.349	ug/l	99
39) 1,2-Dichloropropane	9.629	63	648337	101.345	ug/l	95
40) Dibromomethane	9.718	93	411734	90.765	ug/l	96
41) Bromodichloromethane	9.894	83	824811	90.854	ug/l	94
42) Vinyl Acetate	6.612	43	4729284	443.419	ug/l	100

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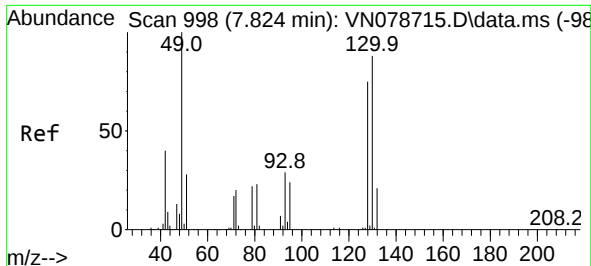
Manual Integrations
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Reviewed By : John Carlone 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023

Quant Time: Aug 02 02:52:52 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 02:50:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	601996	89.666	ug/l	99
44) Isopropyl Acetate	8.694	43	1042328	88.729	ug/l	100
45) 1,4-Dioxane	9.700	88	206429	1957.268	ug/l	98
46) Methyl methacrylate	9.688	41	520144	99.174	ug/l	97
47) n-amyl Acetate	12.500	43	962306	111.977	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	905194	93.880	ug/l	98
49) cis-1,3-Dichloropropene	10.318	75	958299	93.799	ug/l	99
50) 1,1,2-Trichloroethane	11.024	97	556486	85.320	ug/l	96
51) Ethyl methacrylate	10.882	69	835029	95.747	ug/l	91
52) 1,3-Dichloropropane	11.171	76	925098	78.083	ug/l	99
53) Dibromochloromethane	11.365	129	685186	95.016	ug/l	99
54) 1,2-Dibromoethane	11.476	107	599532	93.104	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	1333802	479.896	ug/l	98
56) Bromoform	12.582	173	504929	111.239	ug/l	97
58) 4-Methyl-2-Pentanone	10.453	43	3114284	420.589	ug/l	99
59) 2-Hexanone	11.200	43	2351668	418.407	ug/l	100
61) Tetrachloroethene	11.112	164	511233	77.464	ug/l	95
62) Toluene	10.635	91	2560229	86.420	ug/l	100
64) Chlorobenzene	11.900	112	1565738	91.419	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.965	131	602969	88.673	ug/l	99
66) Ethyl Benzene	11.970	91	2814644	96.108	ug/l	99
67) m/p-Xylenes	12.076	106	2174839	195.121	ug/l	100
68) o-Xylene	12.412	106	1171947	105.211	ug/l	98
69) Styrene	12.418	104	2088897	120.455	ug/l	99
70) Isopropylbenzene	12.700	105	2854443	103.071	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	822907	88.776	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	694077m	79.002	ug/l	
73) Bromobenzene	12.982	156	675977	98.668	ug/l	98
74) n-propylbenzene	13.041	91	3171489	103.524	ug/l	98
75) 2-Chlorotoluene	13.129	91	2780999	142.777	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	3229674	141.748	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	293362	113.830	ug/l	93
78) 4-Chlorotoluene	13.229	91	2752874	147.426	ug/l	98
79) tert-butylbenzene	13.441	119	2704153	136.616	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	3144430	145.366	ug/l	100
81) sec-Butylbenzene	13.623	105	3517554	139.540	ug/l	99
82) p-Isopropyltoluene	13.735	119	2962045	144.052	ug/l	99
83) 1,3-Dichlorobenzene	13.741	146	1626581	148.219	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	1557726	153.056	ug/l	99
85) n-Butylbenzene	14.064	91	2193220	157.737	ug/l	98
86) Hexachloroethane	14.341	117	464642	117.546	ug/l	93
87) 1,2-Dichlorobenzene	14.112	146	1513141	146.835	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	201416	143.536	ug/l	97
89) 1,2,4-Trichlorobenzene	15.400	180	420888	141.605	ug/l	98
90) Hexachlorobutadiene	15.506	225	217385	85.405	ug/l	98
91) Naphthalene	15.647	128	1162070	124.778	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	409634	114.678	ug/l	99

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



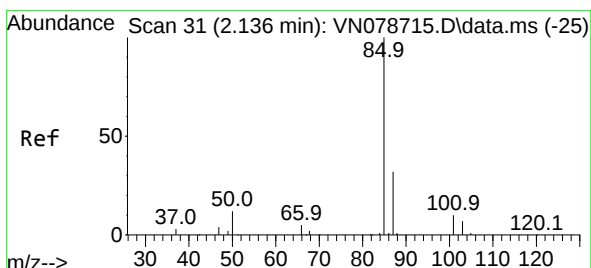
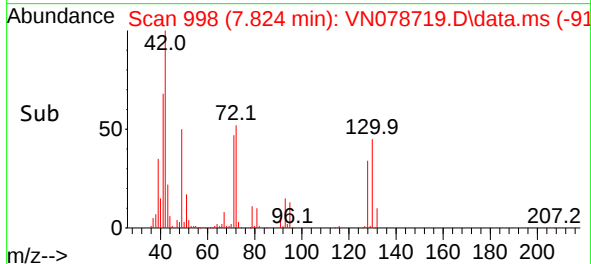
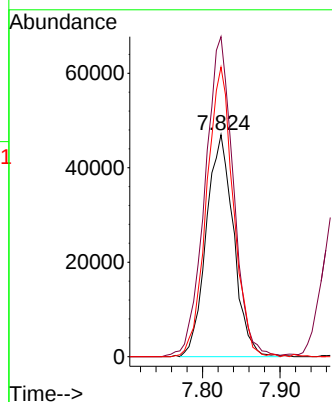
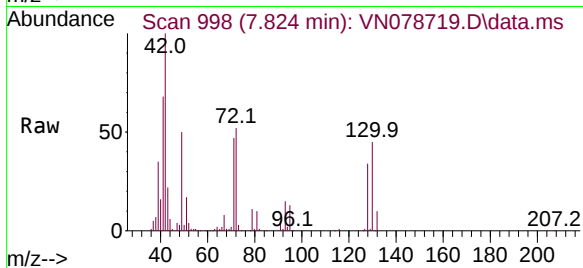
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:128 Resp: 11494
Ion Ratio Lower Upper
128 100
49 149.9 0.0 370.8
130 127.5 0.0 307.0

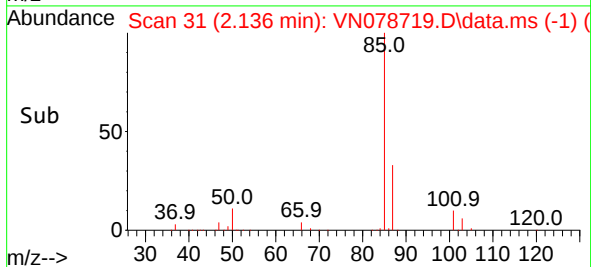
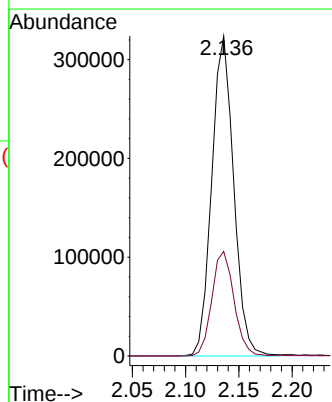
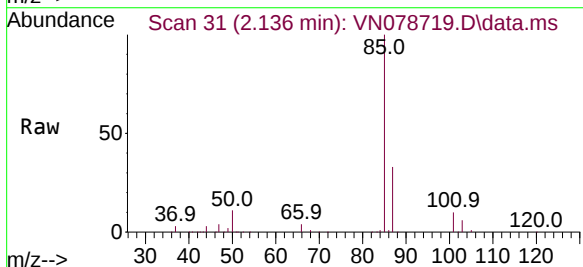
Manual Integrations
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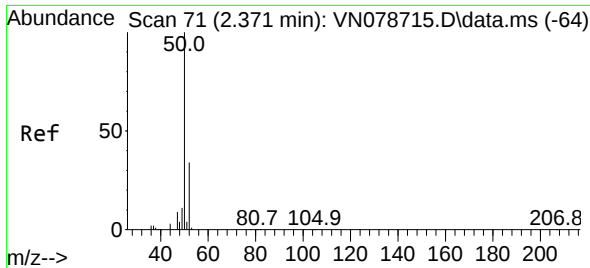
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#2
Dichlorodifluoromethane
Concen: 72.875 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Tgt Ion: 85 Resp: 463368
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.4





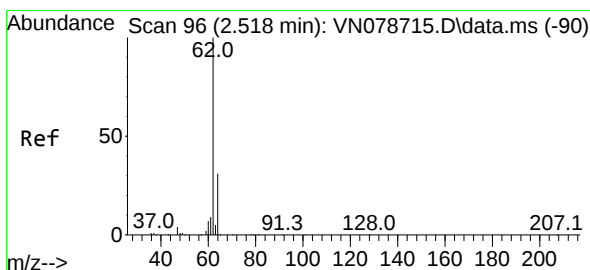
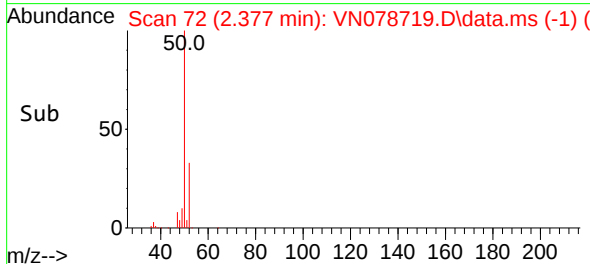
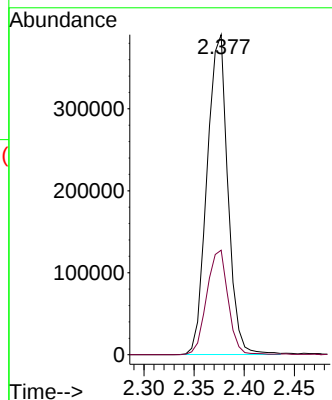
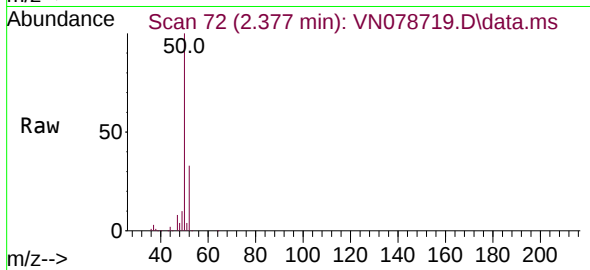
#3
Chloromethane
Concen: 71.388 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 50 Resp: 56401
Ion Ratio Lower Upper
50 100
52 32.7 24.6 36.8

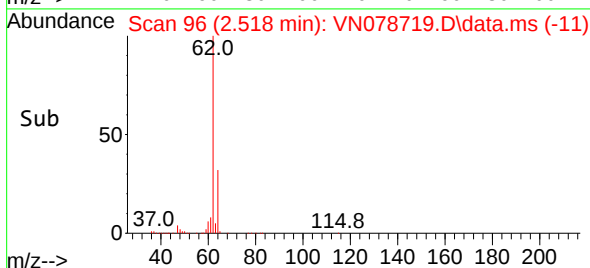
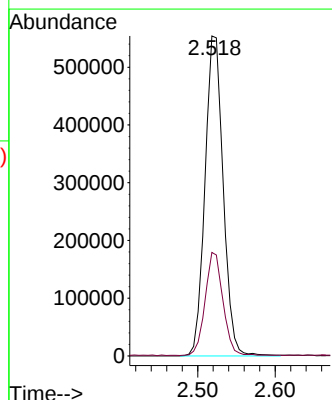
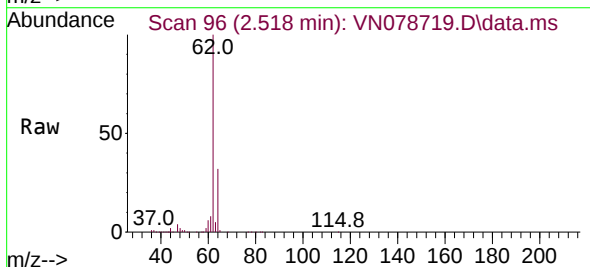
Manual Integrations
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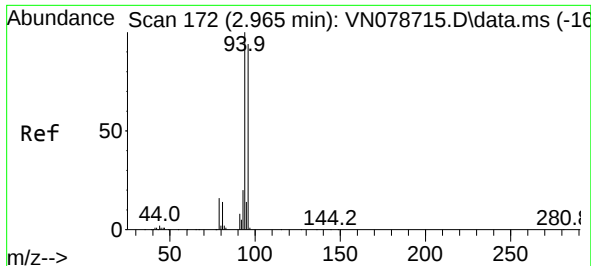
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#4
Vinyl Chloride
Concen: 87.588 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

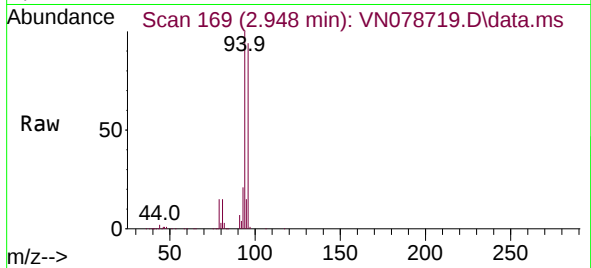
Tgt Ion: 62 Resp: 904379
Ion Ratio Lower Upper
62 100
64 32.2 23.3 34.9





#5
Bromomethane
Concen: 75.747 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

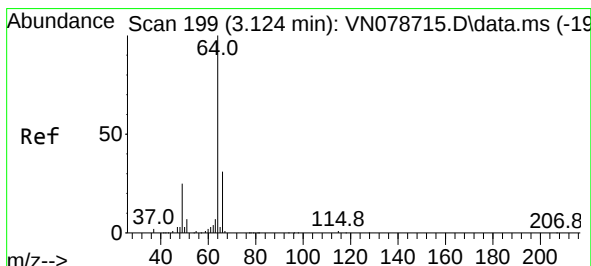
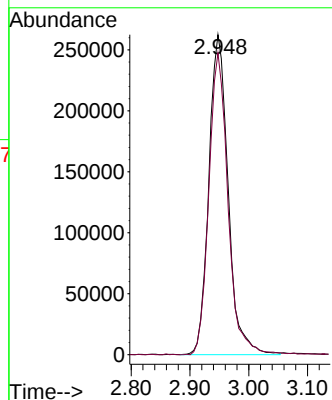
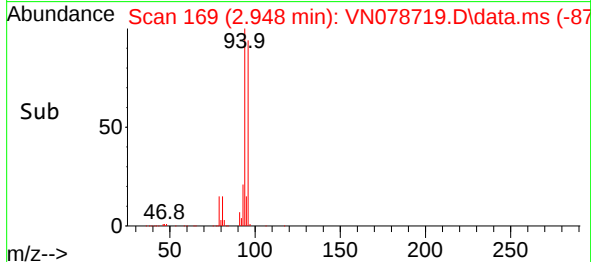
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



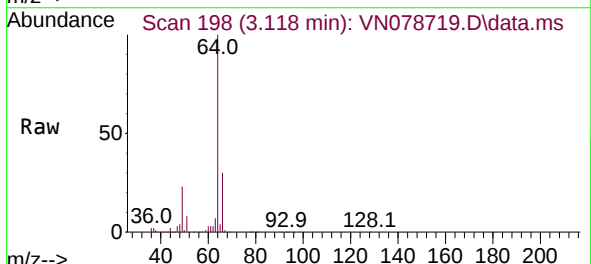
Tgt Ion: 94 Resp: 59918
Ion Ratio Lower Upper
94 100
96 94.2 73.9 110.9

Manual Integrations
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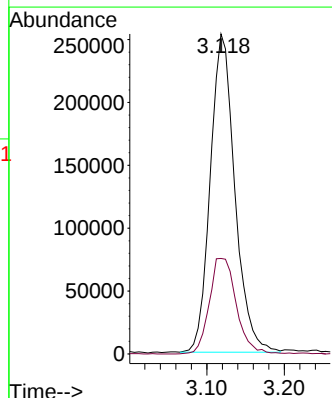
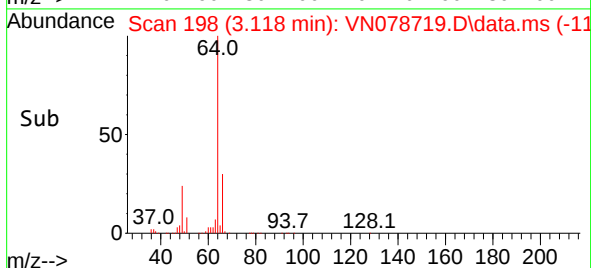
Reviewed By :John Carlone 08/02/2023
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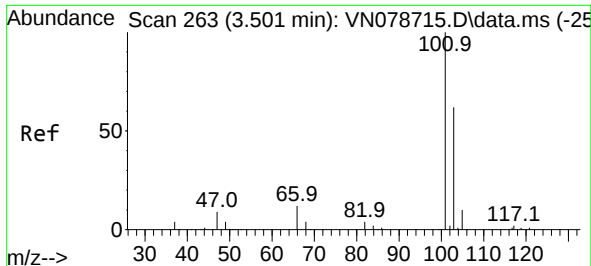


#6
Chloroethane
Concen: 82.251 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



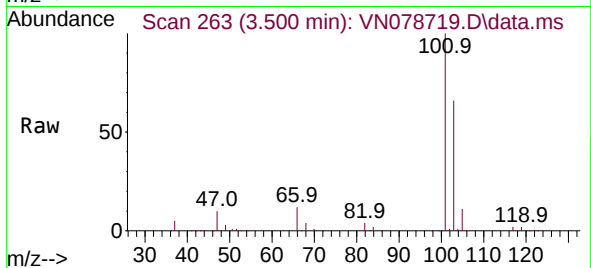
Tgt Ion: 64 Resp: 558037
Ion Ratio Lower Upper
64 100
66 30.0 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 81.661 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

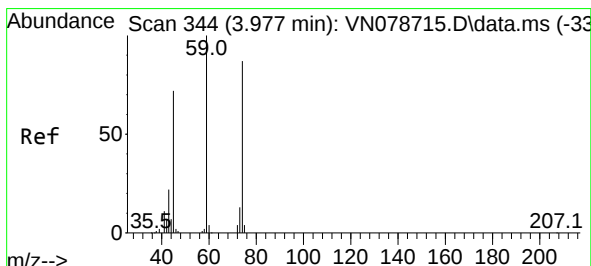
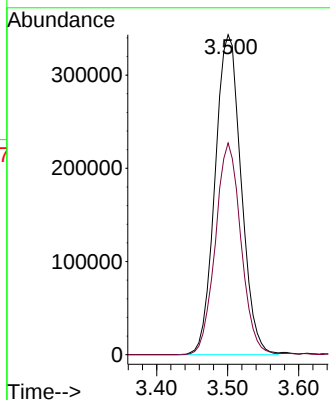
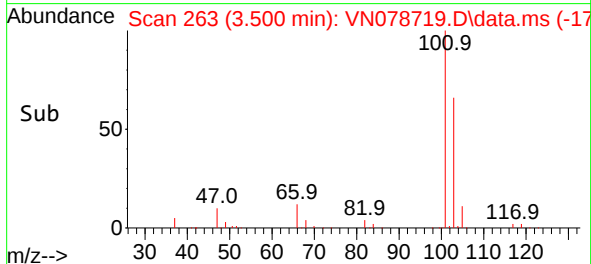
Instrument :
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 VSTDIC075



Tgt Ion: 101 Resp: 875910
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.4 75.6

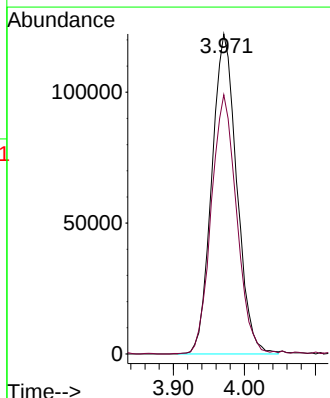
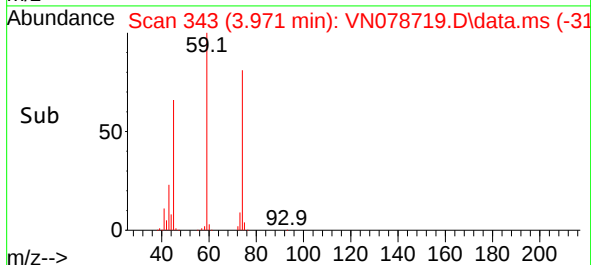
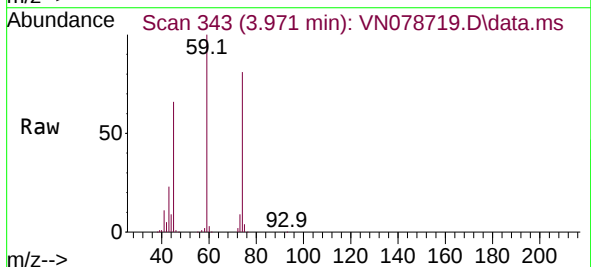
Manual Integrations
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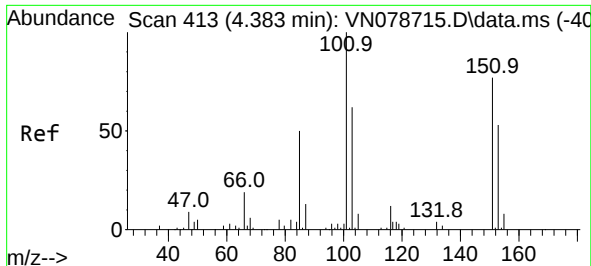
Reviewed By : John Carlone 08/02/2023
 Supervised By : Mahesh Dadoda 08/02/2023



#8
 Diethyl Ether
 Concen: 86.105 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. -0.006 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

Tgt Ion: 74 Resp: 298266
 Ion Ratio Lower Upper
 74 100
 45 81.9 16.3 146.5





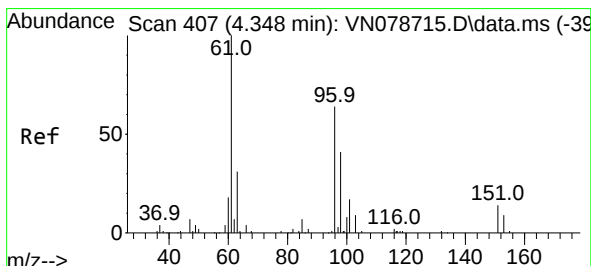
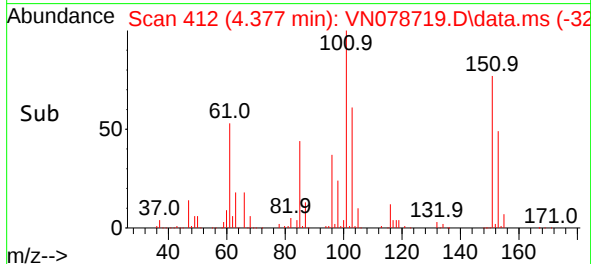
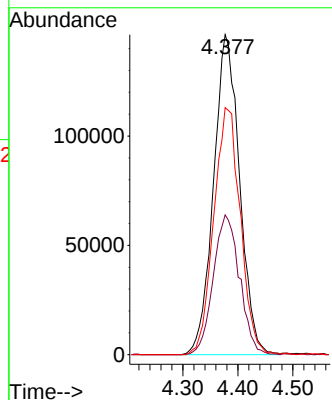
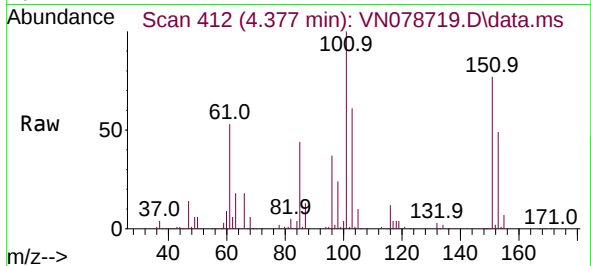
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1,1,2-Trichlorotrifluoroethane
Concen: 84.307 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 48154
Ion Ratio Lower Upper
101 100
85 44.1 0.0 89.2
151 78.7 0.0 148.8

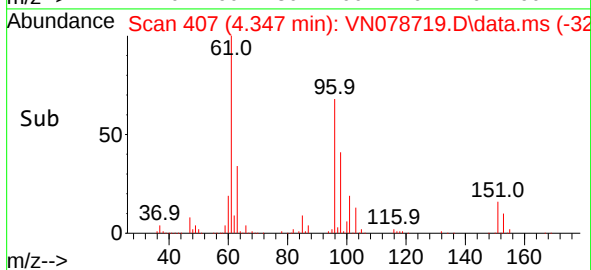
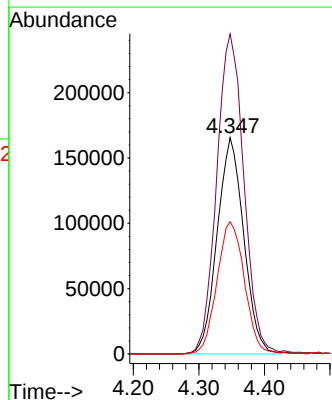
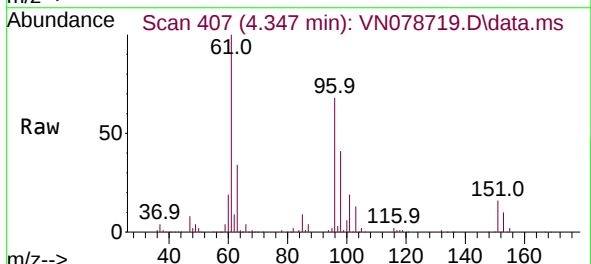
Manual Integrations
APPROVED

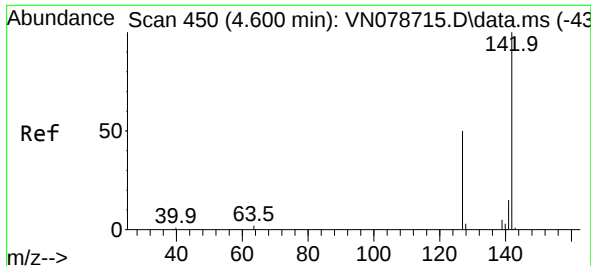
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#10
1,1-Dichloroethene
Concen: 84.946 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

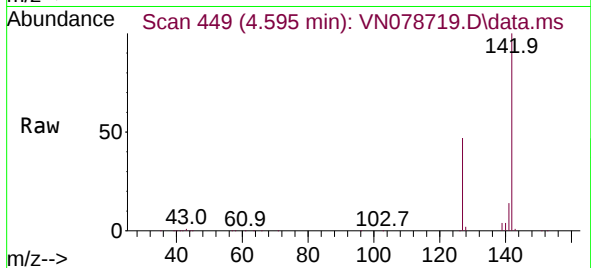
Tgt Ion: 96 Resp: 465720
Ion Ratio Lower Upper
96 100
61 147.9 123.4 185.2
98 61.1 53.7 80.5





#11
Methyl Iodide
Concen: 90.820 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

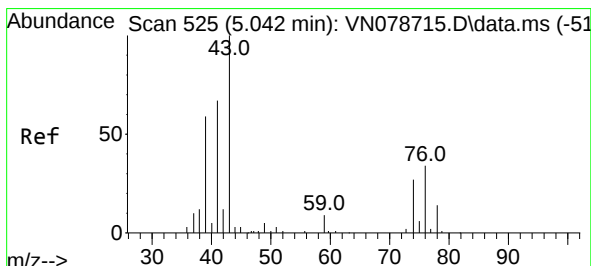
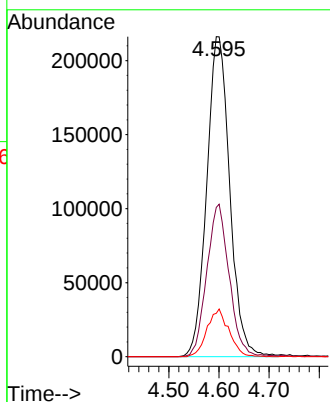
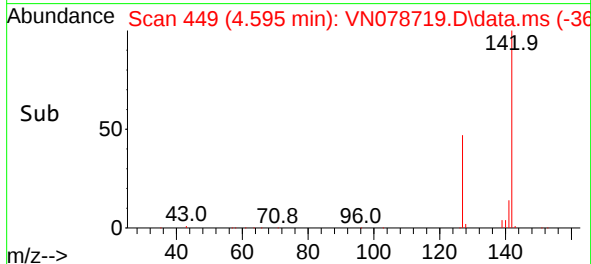
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:142 Resp: 68979
Ion Ratio Lower Upper
142 100
127 46.7 23.2 69.5
141 13.6 7.2 21.7

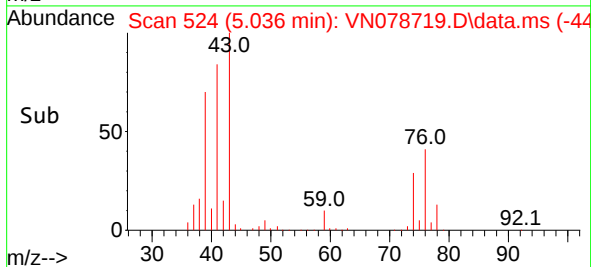
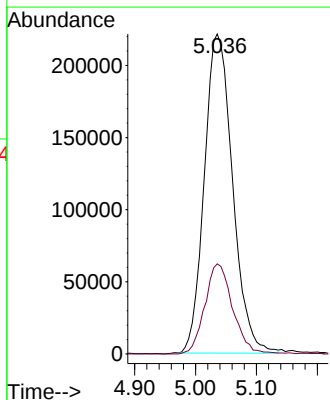
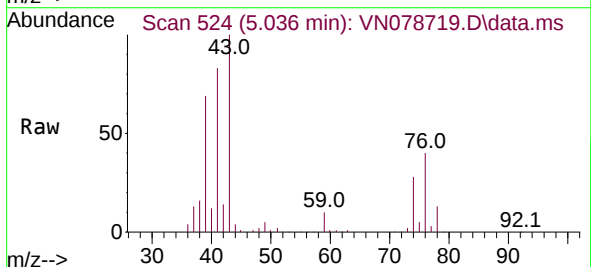
Manual Integrations
APPROVED

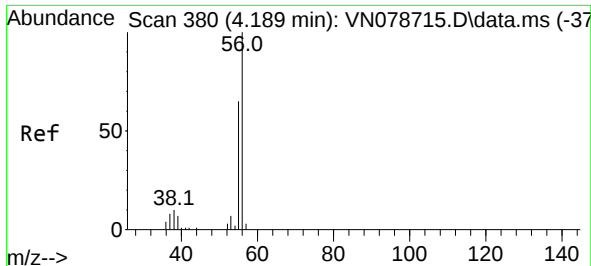
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#12
Methyl Acetate
Concen: 88.102 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

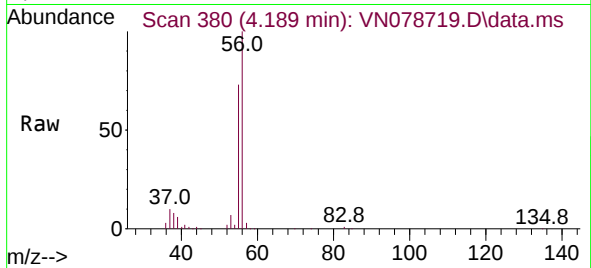
Tgt Ion: 43 Resp: 713586
Ion Ratio Lower Upper
43 100
74 28.2 20.5 30.7





#13
Acrolein
Concen: 399.415 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

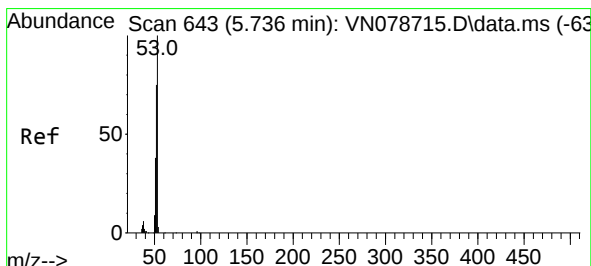
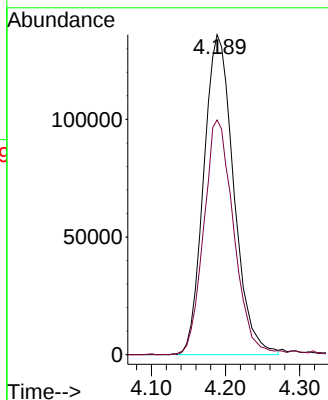
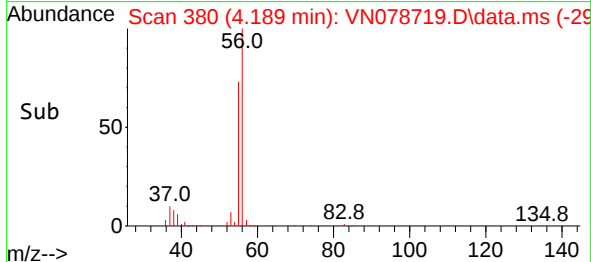
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 56 Resp: 38189
Ion Ratio Lower Upper
56 100
55 73.1 59.0 88.4

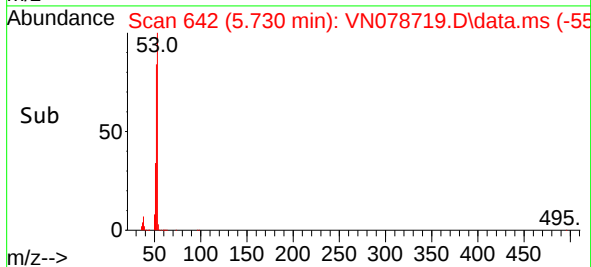
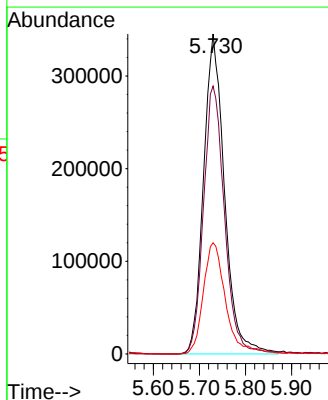
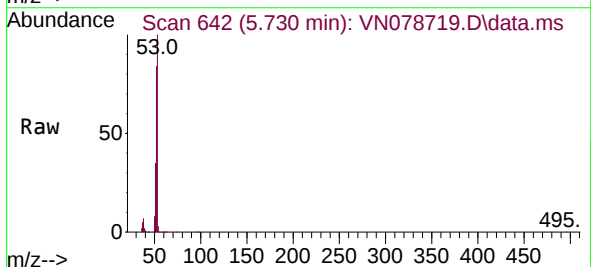
Manual Integrations
APPROVED

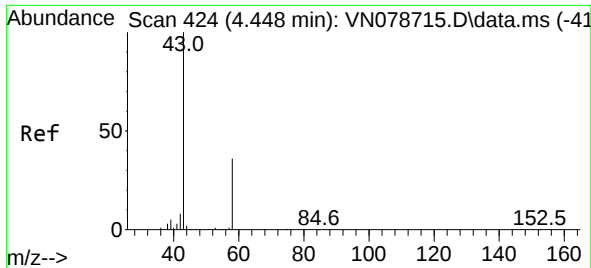
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#14
Acrylonitrile
Concen: 465.648 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

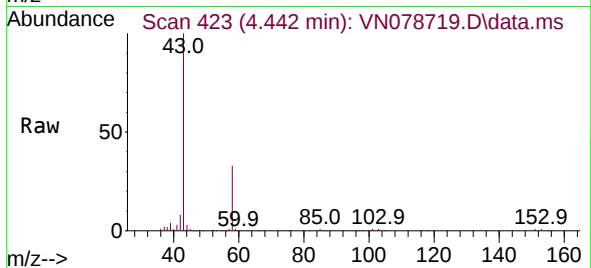
Tgt Ion: 53 Resp: 1092503
Ion Ratio Lower Upper
53 100
52 82.9 42.3 126.9
51 35.5 18.4 55.4





#15
Acetone
Concen: 502.696 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

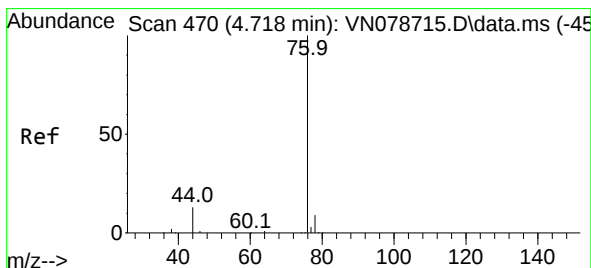
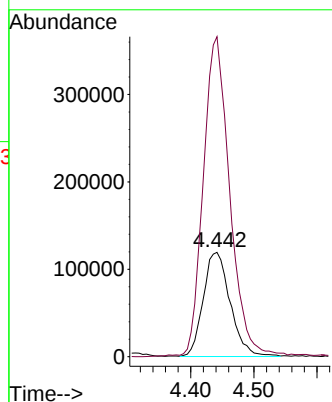
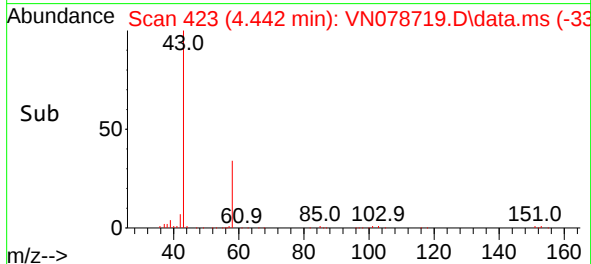
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



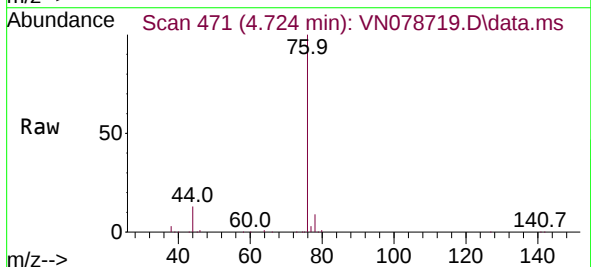
Tgt Ion: 58 Resp: 35249
Ion Ratio Lower Upper
58 100
43 306.1 227.5 341.3

Manual Integrations
APPROVED

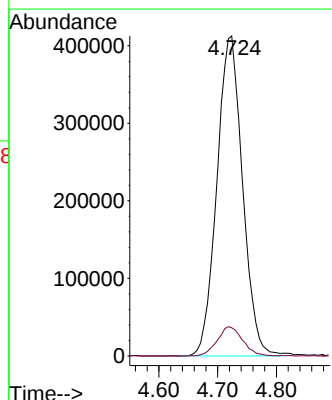
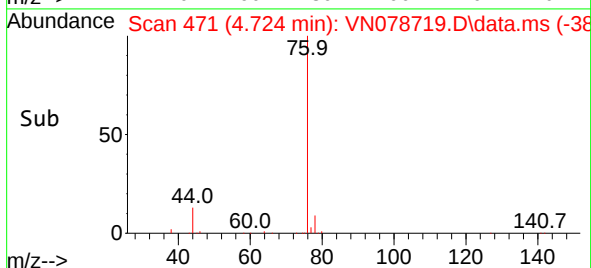
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

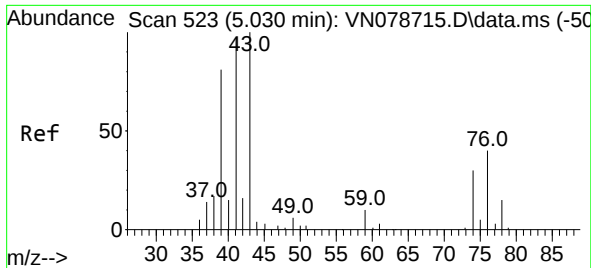


#16
Carbon Disulfide
Concen: 79.877 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



Tgt Ion: 76 Resp: 1251053
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5





#17
 Allyl chloride
 Concen: 78.272 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

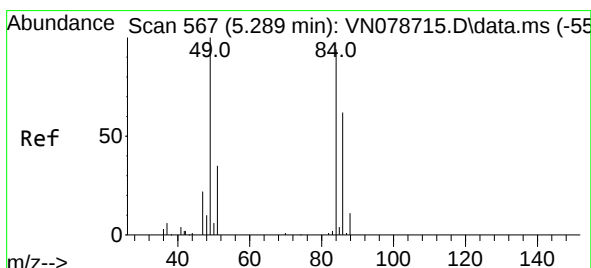
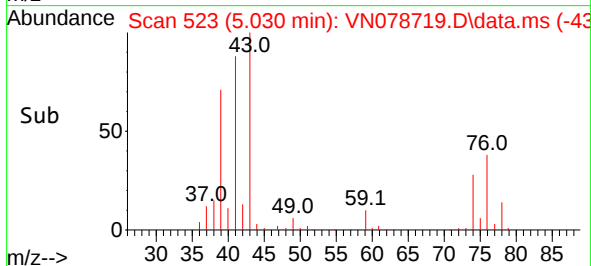
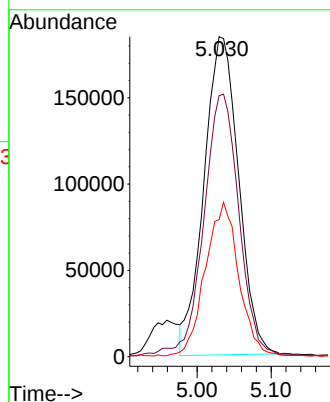
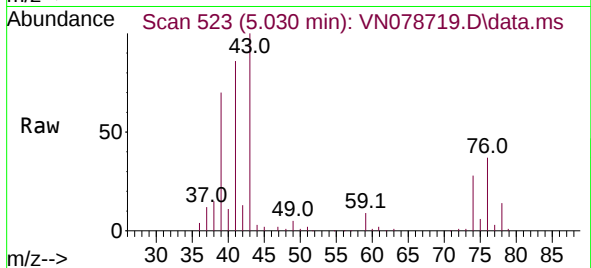
VSTDIC075

Tgt Ion: 41 Resp: 597750
 Ion Ratio Lower Upper
 41 100
 39 81.5 37.6 112.8
 76 42.8 23.8 71.4

Manual Integrations

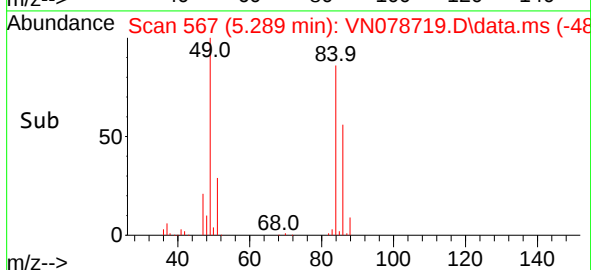
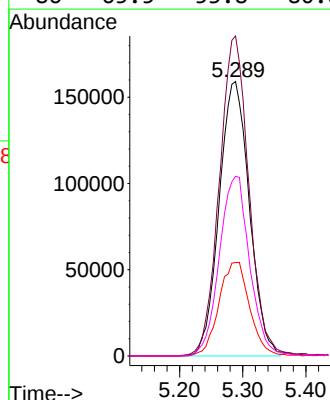
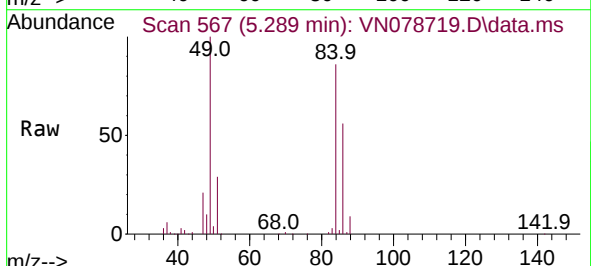
APPROVED

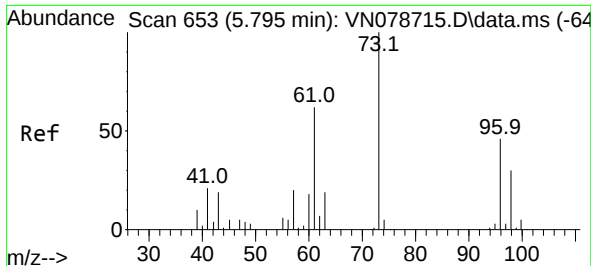
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#18
 Methylene Chloride
 Concen: 89.277 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

Tgt Ion: 84 Resp: 528747
 Ion Ratio Lower Upper
 84 100
 49 116.5 88.1 132.1
 51 34.0 24.0 36.0
 86 65.5 53.8 80.8





#19

trans-1,2-Dichloroethene

Concen: 81.158 ug/l

RT: 5.794 min Scan# 61

Delta R.T. -0.001 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 96 Resp: 51826

Ion Ratio Lower Upper

96 100

61 124.7 105.2 157.8

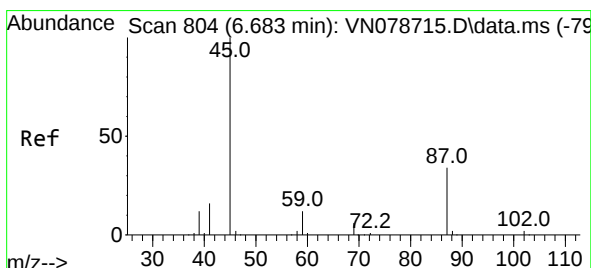
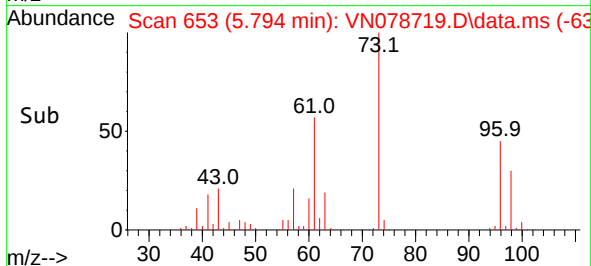
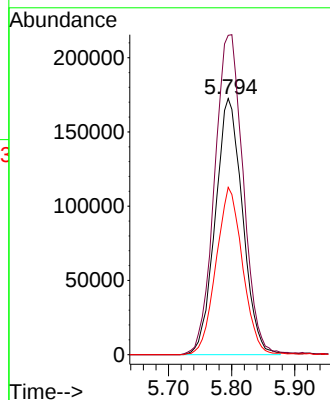
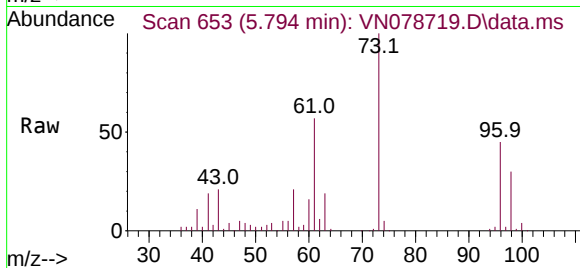
98 65.3 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#20

Diisopropyl ether

Concen: 89.136 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Tgt Ion: 45 Resp: 1491859

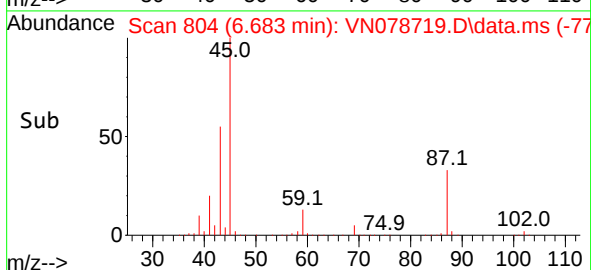
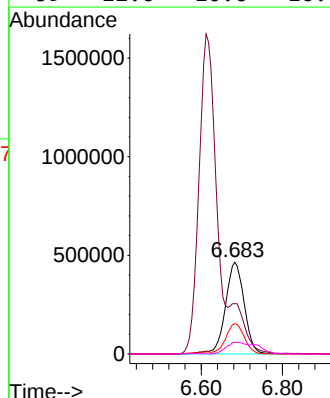
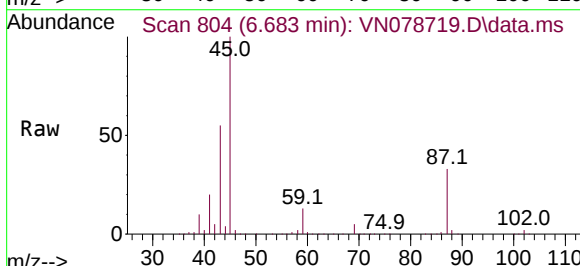
Ion Ratio Lower Upper

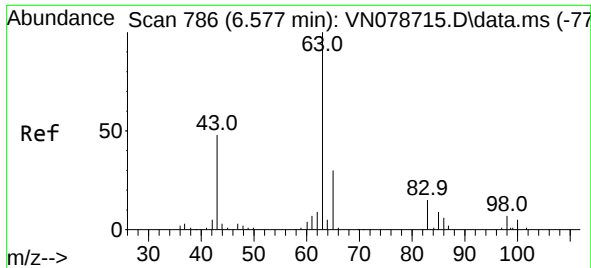
45 100

43 54.6 43.6 65.4

87 32.9 25.8 38.6

59 12.6 10.6 16.0





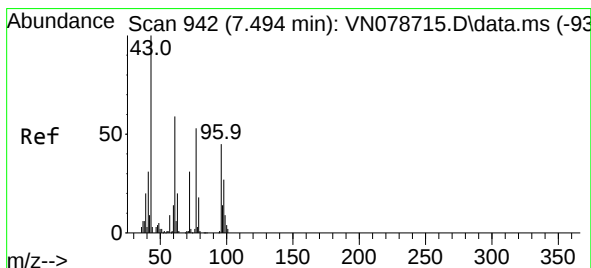
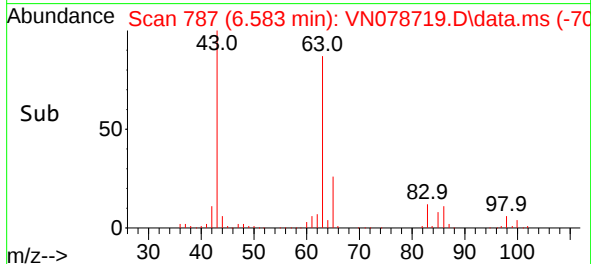
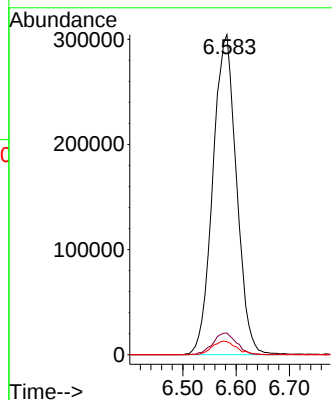
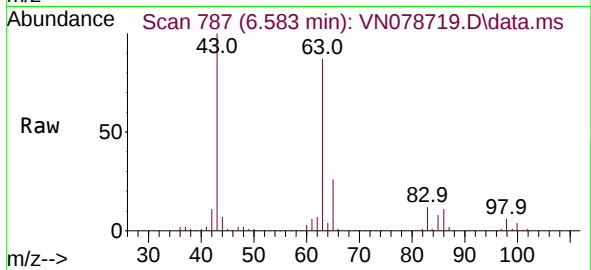
#21
1,1-Dichloroethane
Concen: 83.993 ug/l
RT: 6.583 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 63 Resp: 93818
Ion Ratio Lower Upper
63 100
98 6.8 2.7 8.1
100 4.0 2.5 7.4

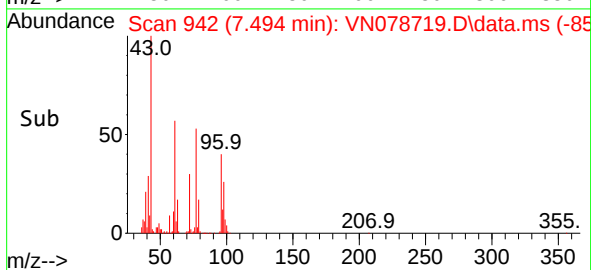
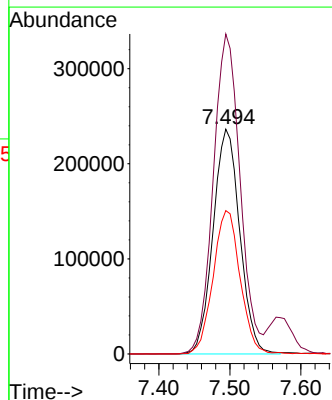
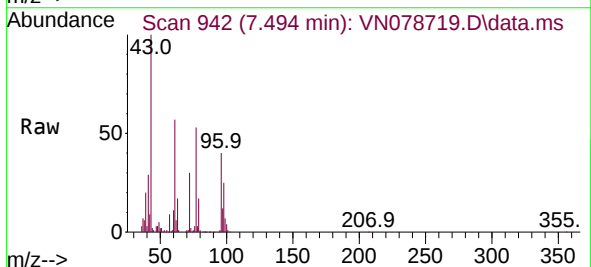
Manual Integrations
APPROVED

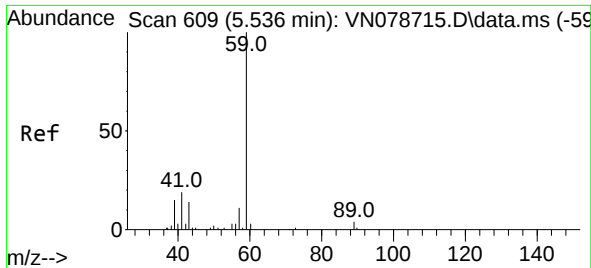
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#22
cis-1,2-Dichloroethene
Concen: 87.126 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

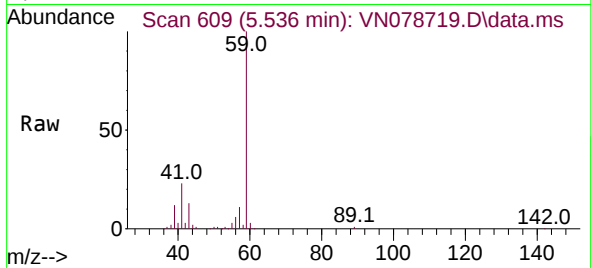
Tgt Ion: 96 Resp: 617822
Ion Ratio Lower Upper
96 100
61 143.1 113.8 170.6
98 63.7 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 405.485 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

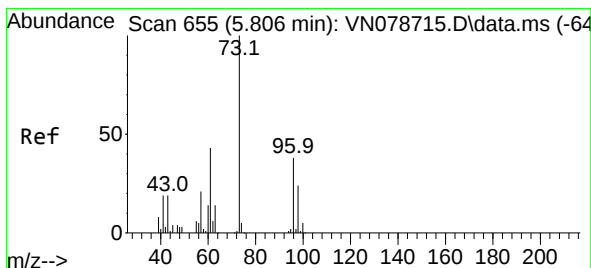
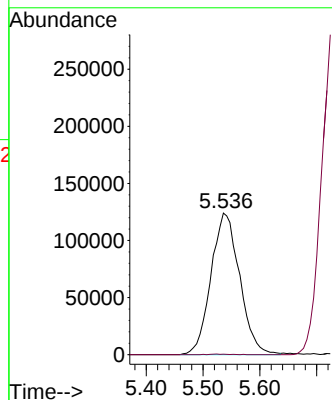
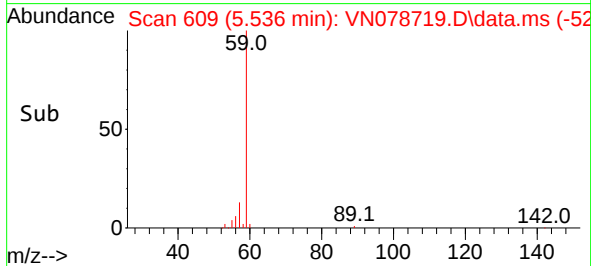
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



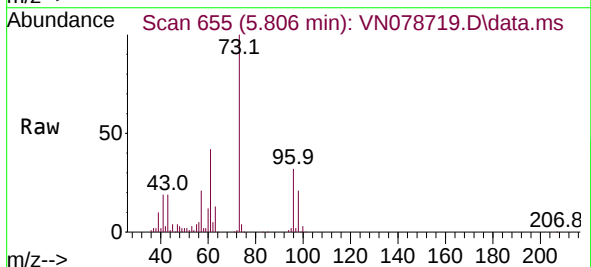
Tgt Ion: 59 Resp: 435250
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1

Manual Integrations
APPROVED

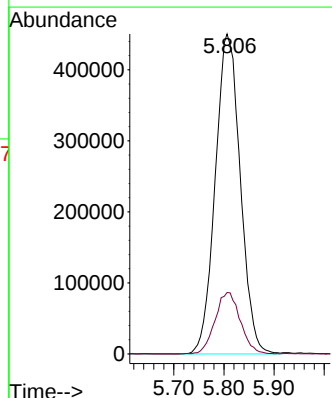
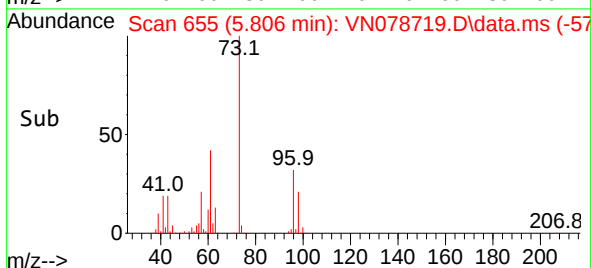
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

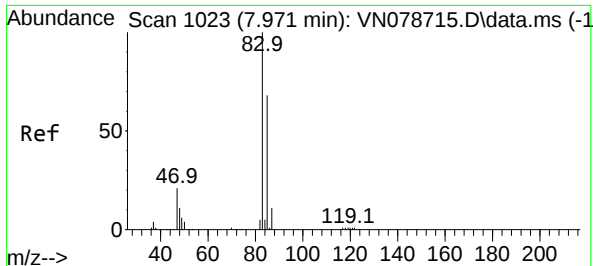


#24
Methyl tert-Butyl Ether
Concen: 84.542 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



Tgt Ion: 73 Resp: 1561795
Ion Ratio Lower Upper
73 100
43 19.2 14.5 21.7





#25

Chloroform

Concen: 90.578 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 83 Resp: 105664

Ion Ratio Lower Upper

83 100

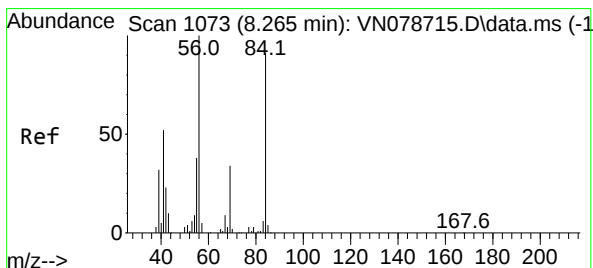
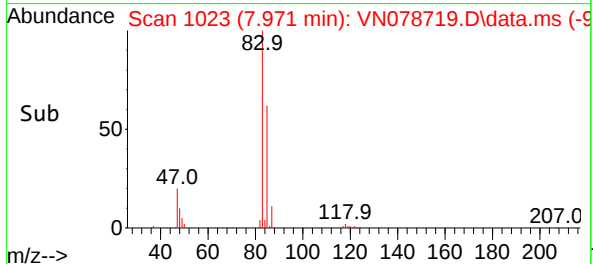
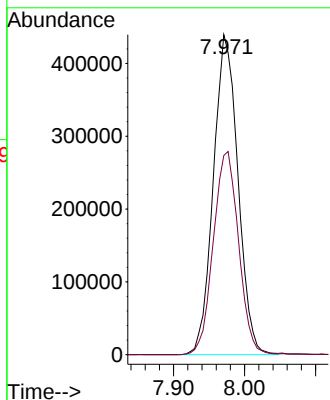
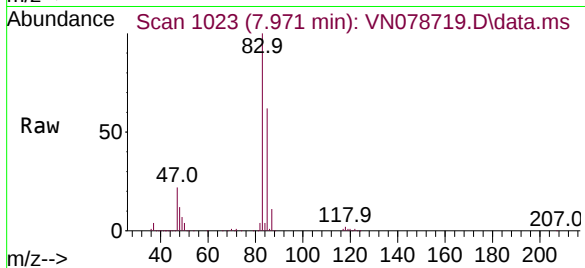
85 62.3 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#26

Cyclohexane

Concen: 90.152 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

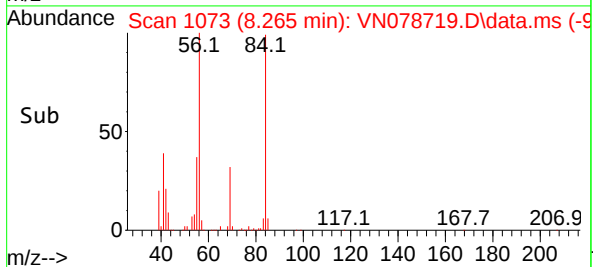
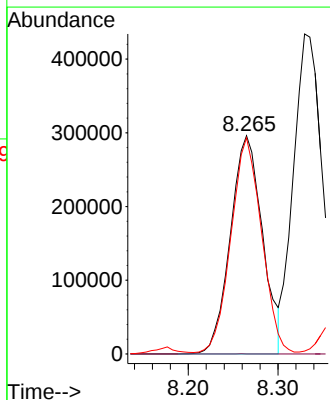
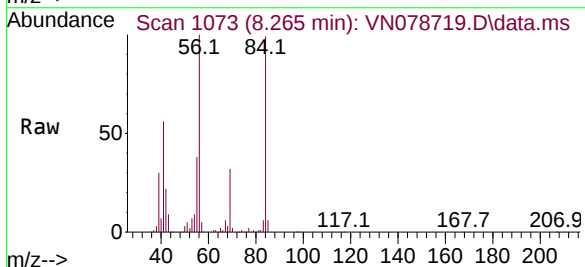
Tgt Ion: 56 Resp: 734816

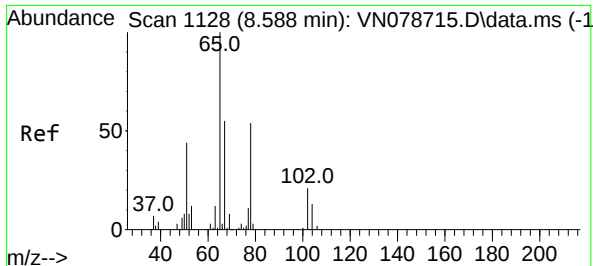
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 95.3 74.2 111.4





#27

1,2-Dichloroethane-d4

Concen: 28.423 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 65 Resp: 246170

Ion Ratio Lower Upper

65 100

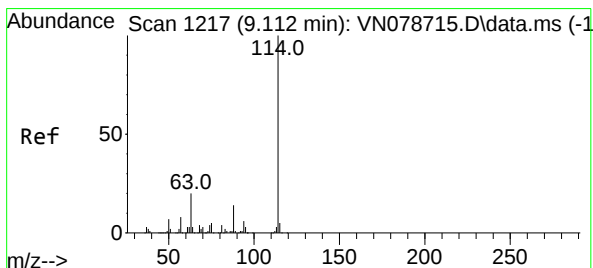
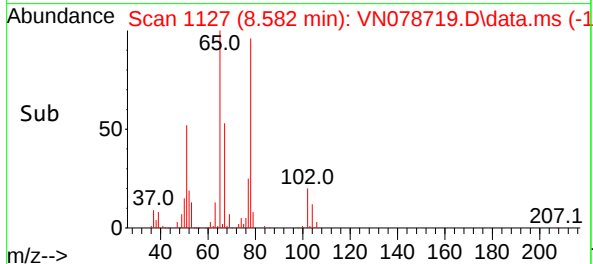
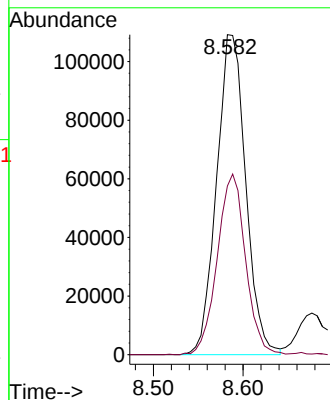
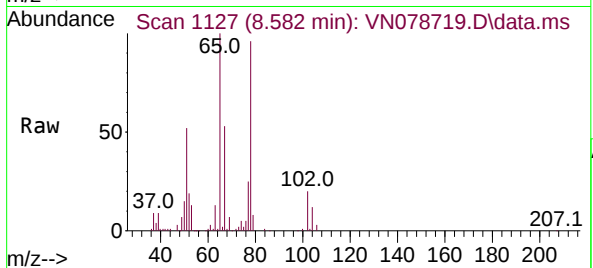
67 54.7 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

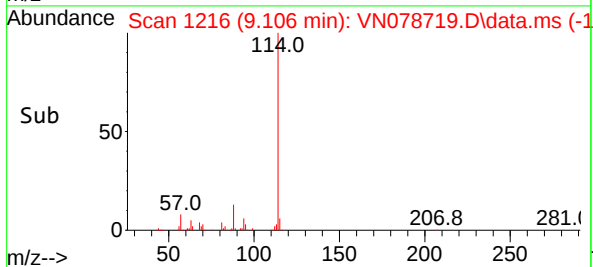
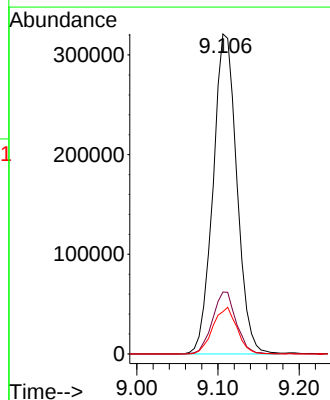
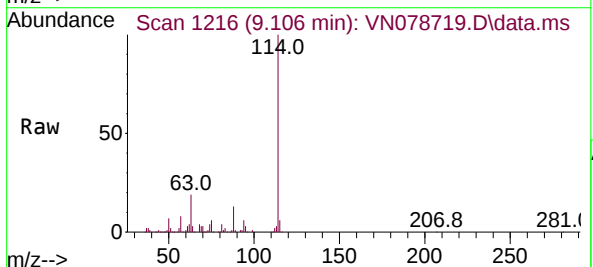
Tgt Ion:114 Resp: 654845

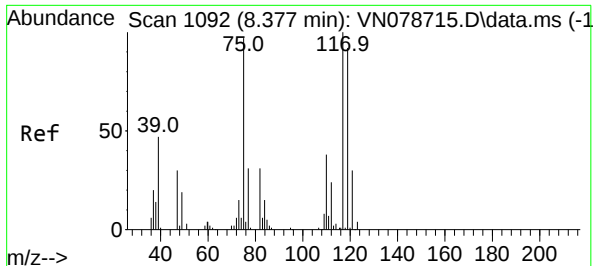
Ion Ratio Lower Upper

114 100

63 19.3 15.2 22.8

88 14.7 12.5 18.7





#29

1,1-Dichloropropene

Concen: 93.976 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 75 Resp: 759960

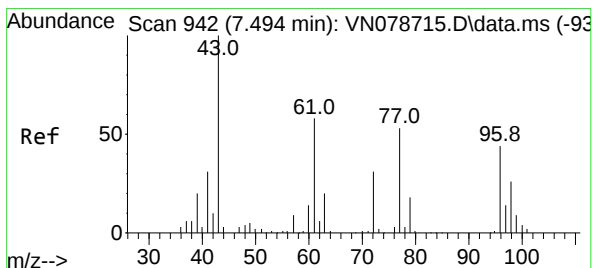
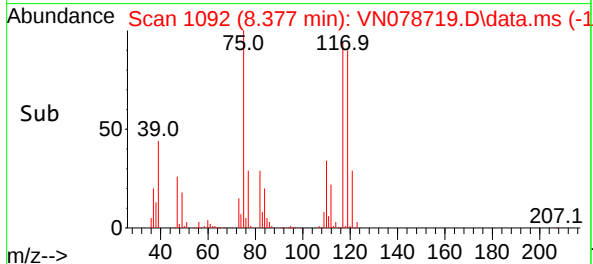
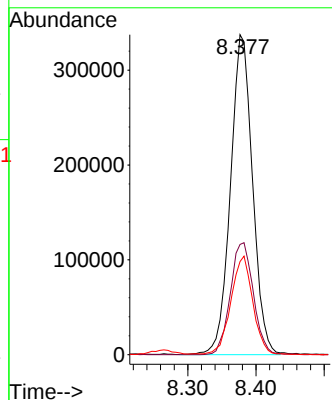
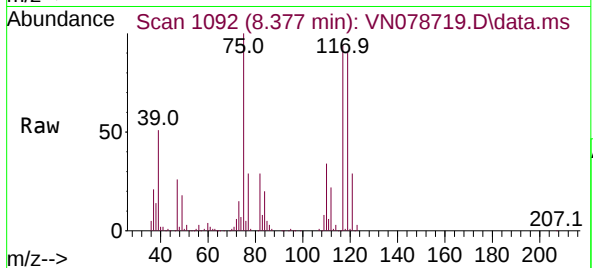
Ion	Ratio	Lower	Upper
75	100		
110	36.4	0.0	72.2
77	30.2	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#30

2-Butanone

Concen: 480.711 ug/l

RT: 7.488 min Scan# 941

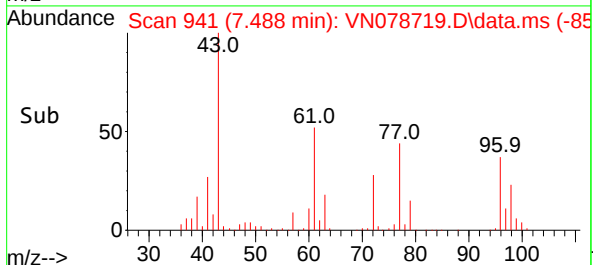
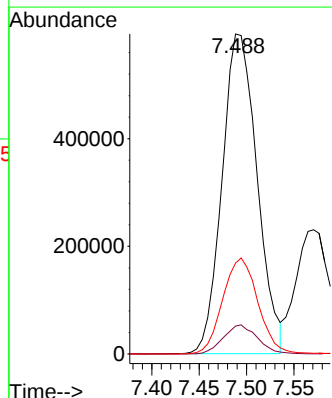
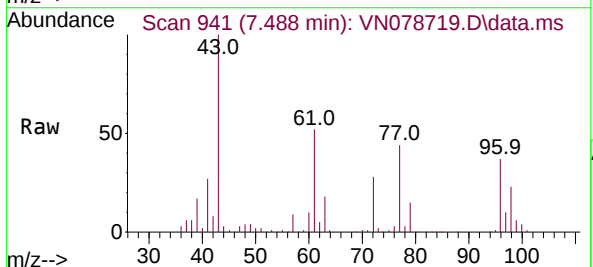
Delta R.T. -0.006 min

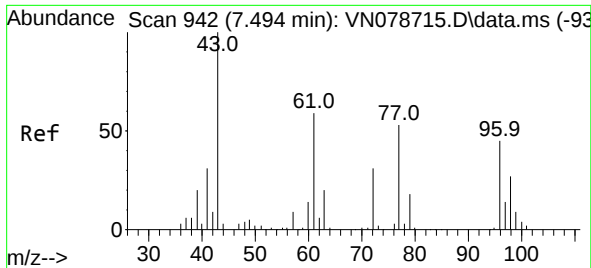
Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Tgt Ion: 43 Resp: 1530760

Ion	Ratio	Lower	Upper
43	100		
57	8.8	6.8	10.2
72	30.2	23.8	35.6





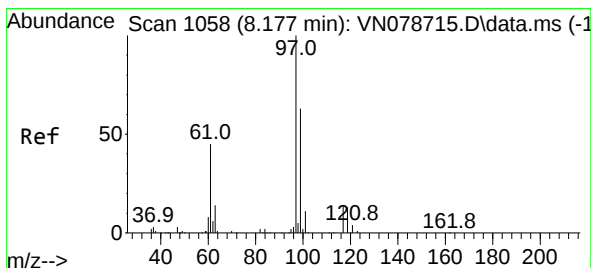
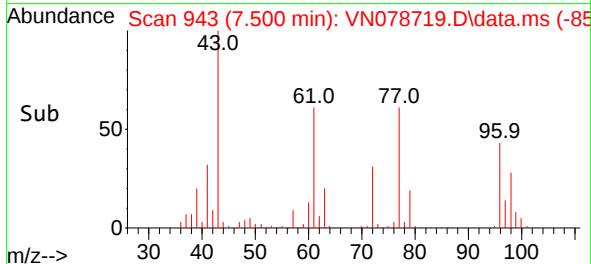
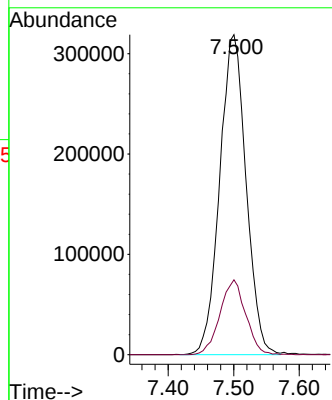
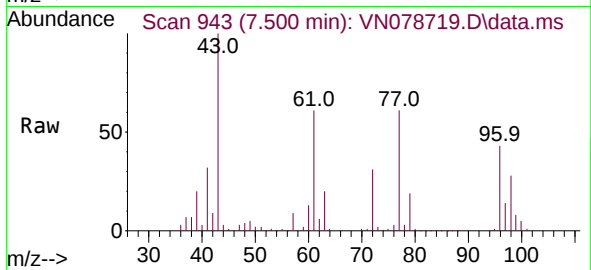
#31
2,2-Dichloropropane
Concen: 96.329 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 77 Resp: 890448
Ion Ratio Lower Upper
77 100
97 22.8 18.8 28.2

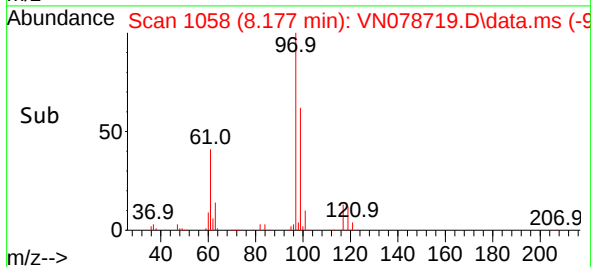
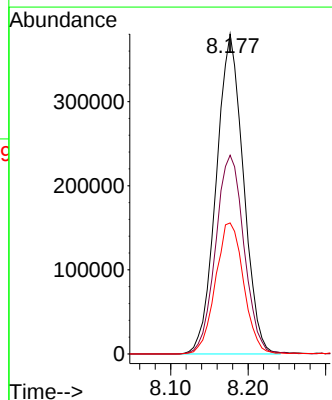
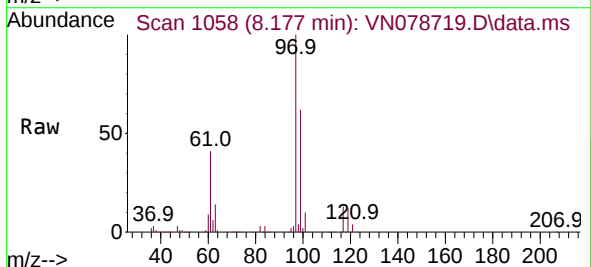
Manual Integrations
APPROVED

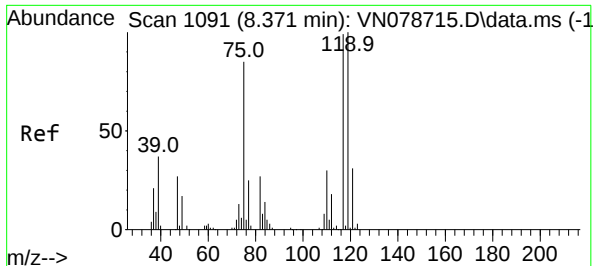
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#32
1,1,1-Trichloroethane
Concen: 89.666 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

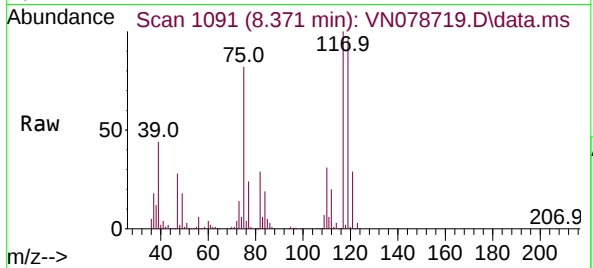
Tgt Ion: 97 Resp: 926908
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 42.4 34.6 52.0





#33
Carbon Tetrachloride
Concen: 92.898 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

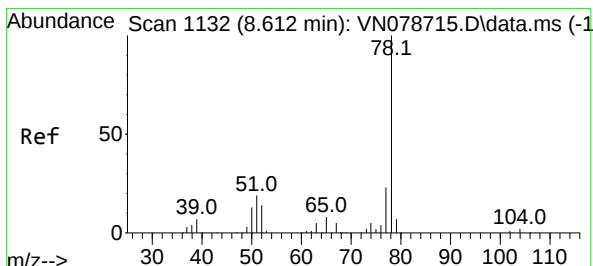
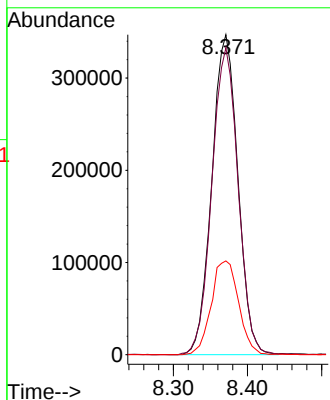
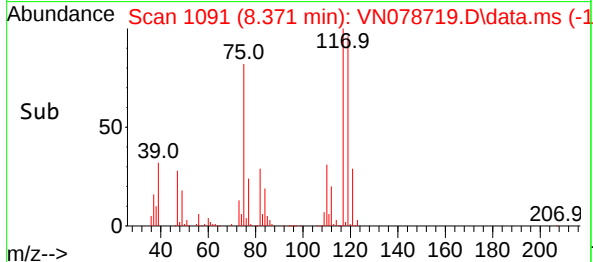
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



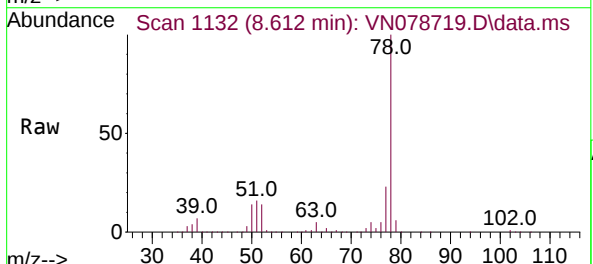
Tgt Ion:117 Resp: 846275
Ion Ratio Lower Upper
117 100
119 95.9 81.4 122.0
121 29.3 23.6 35.4

Manual Integrations
APPROVED

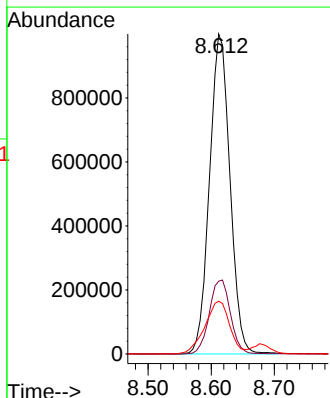
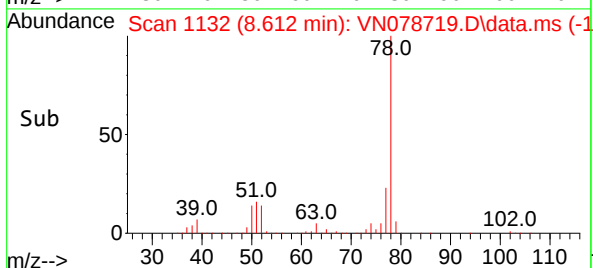
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

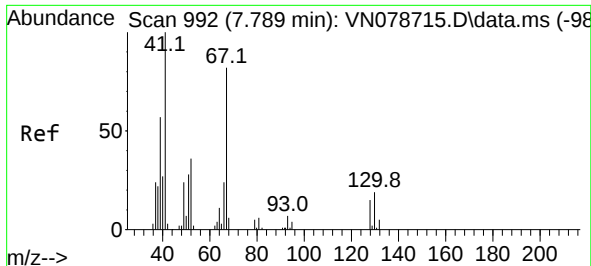


#34
Benzene
Concen: 92.402 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



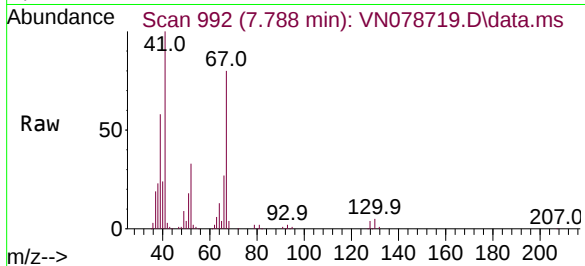
Tgt Ion: 78 Resp: 2252590
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5
51 16.4 13.7 20.5





#35
Methacrylonitrile
Concen: 89.654 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.001 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

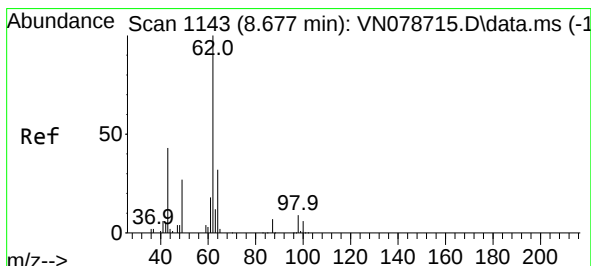
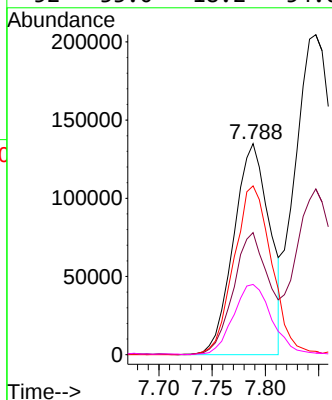
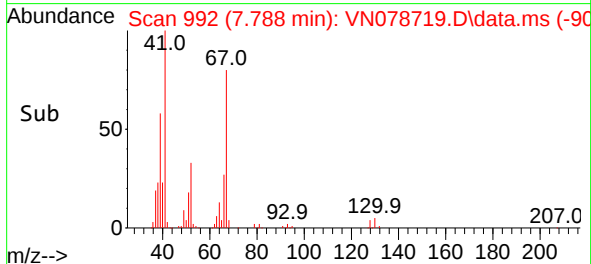
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:	41	Resp:	317674
Ion Ratio	100	Lower	Upper
41	100		
39	57.9	33.9	101.6
67	80.0	45.9	137.6
52	33.0	18.2	54.6

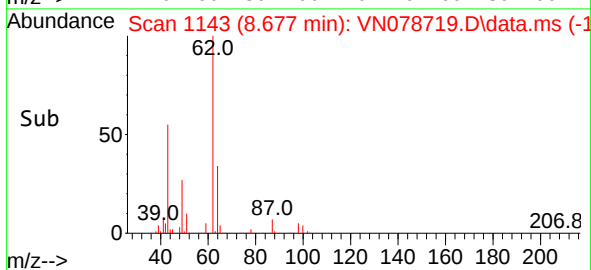
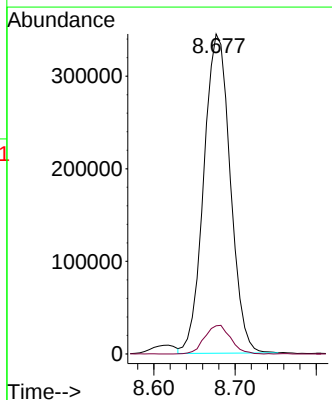
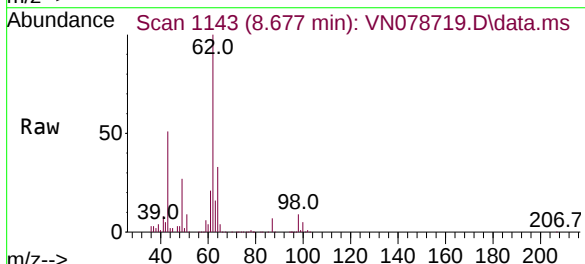
Manual Integrations
APPROVED

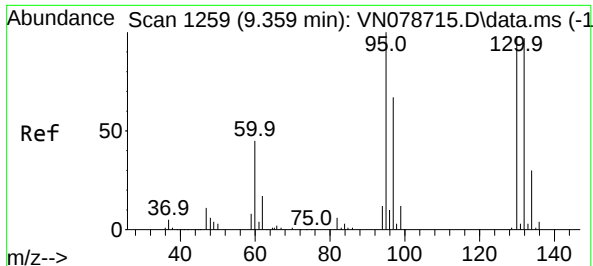
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#36
1,2-Dichloroethane
Concen: 90.923 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Tgt Ion:	62	Resp:	781952
Ion Ratio	100	Lower	Upper
62	100		
98	8.8	7.4	11.0





#37

Trichloroethene

Concen: 100.340 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:130 Resp: 673838

Ion Ratio Lower Upper

130 100

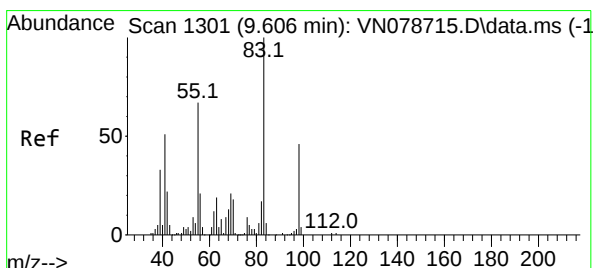
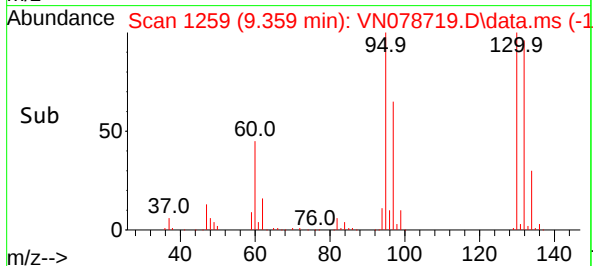
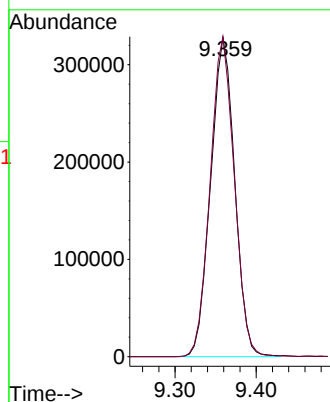
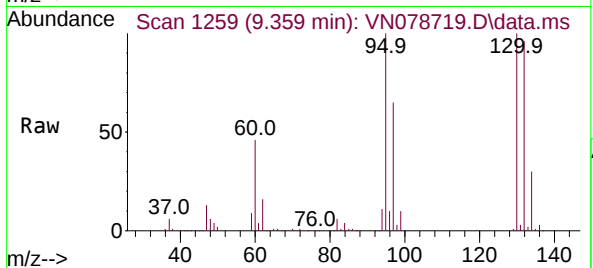
95 100.3 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#38

Methylcyclohexane

Concen: 109.349 ug/l

RT: 9.612 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

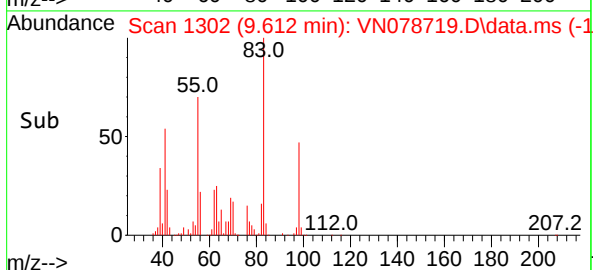
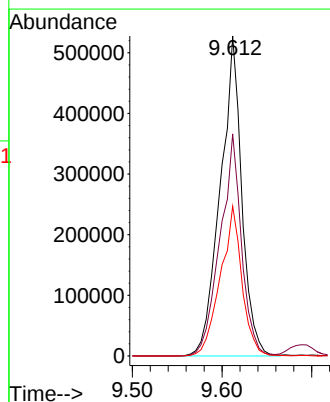
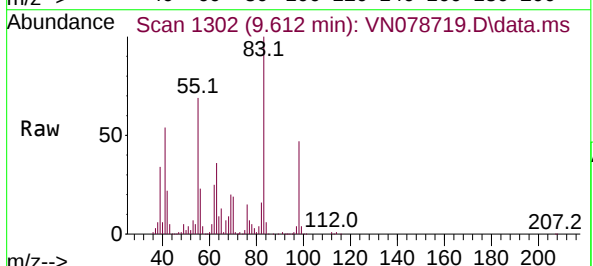
Tgt Ion: 83 Resp: 877854

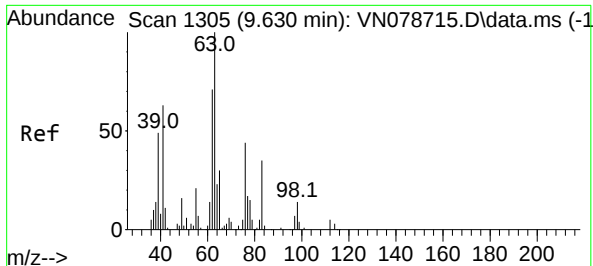
Ion Ratio Lower Upper

83 100

55 69.0 34.0 102.0

98 46.9 23.0 69.0





#39

1,2-Dichloropropane

Concen: 101.345 ug/l

RT: 9.629 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 64833

Ion Ratio Lower Upper

63 100

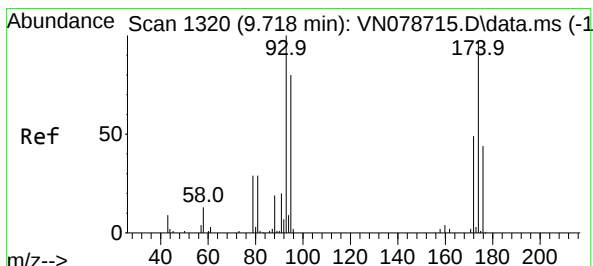
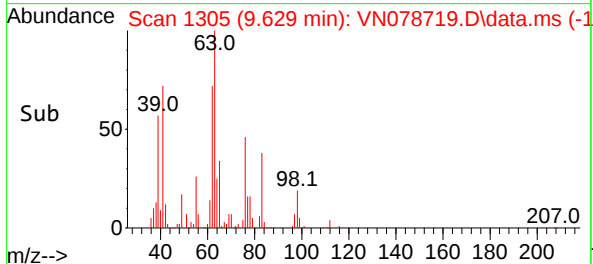
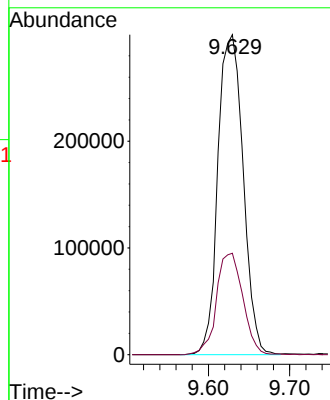
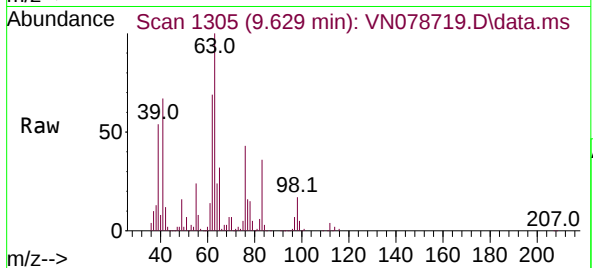
65 31.7 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#40

Dibromomethane

Concen: 90.765 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. -0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

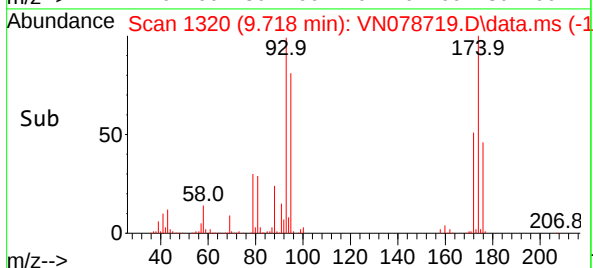
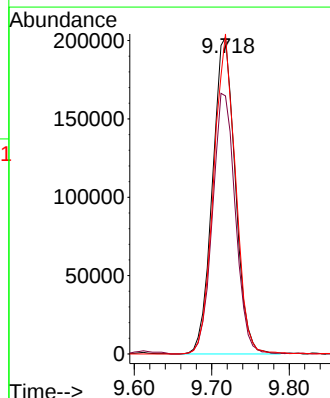
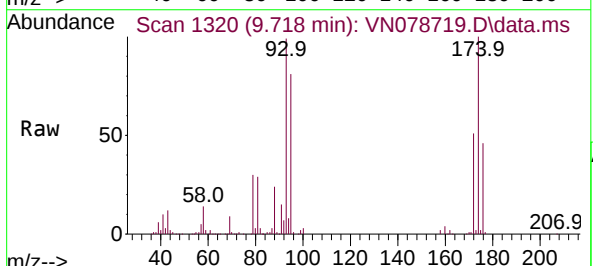
Tgt Ion: 93 Resp: 411734

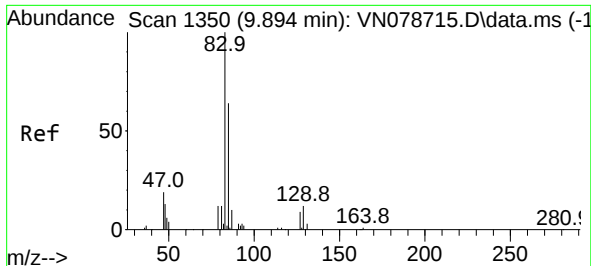
Ion Ratio Lower Upper

93 100

95 82.7 0.0 167.8

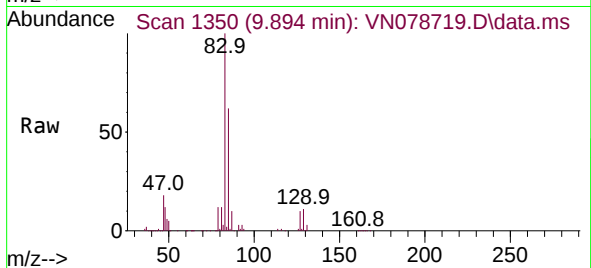
174 96.4 0.0 180.8





#41
Bromodichloromethane
Concen: 90.854 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

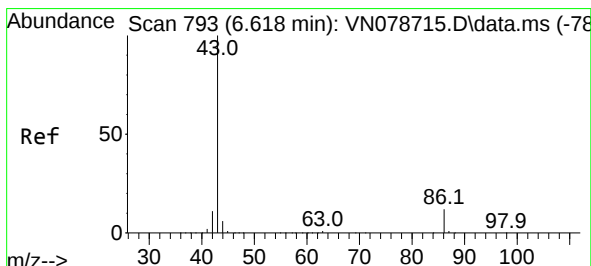
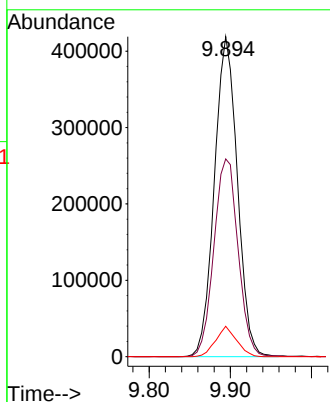
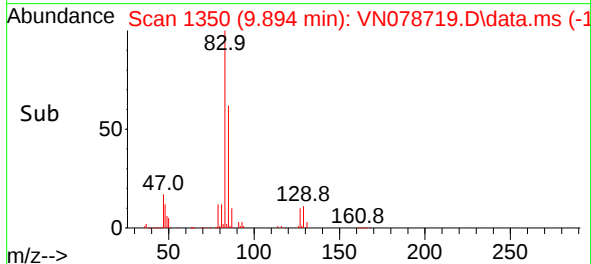
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 83 Resp: 824811
Ion Ratio Lower Upper
83 100
85 61.8 54.1 81.1
127 9.5 7.8 11.6

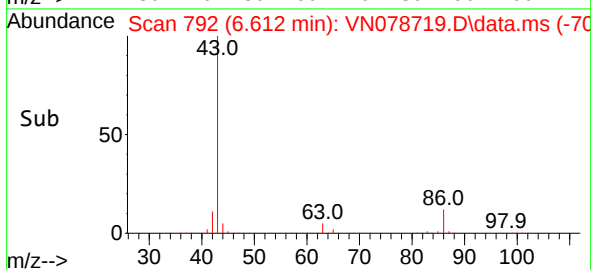
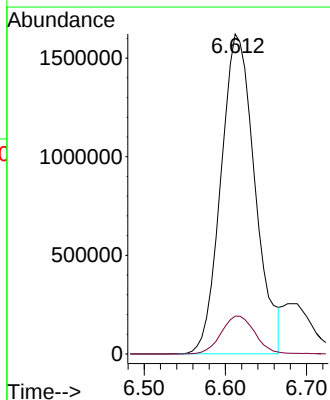
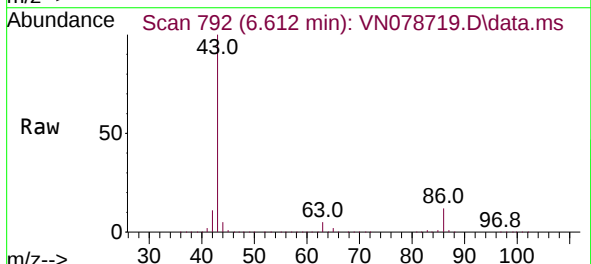
Manual Integrations
APPROVED

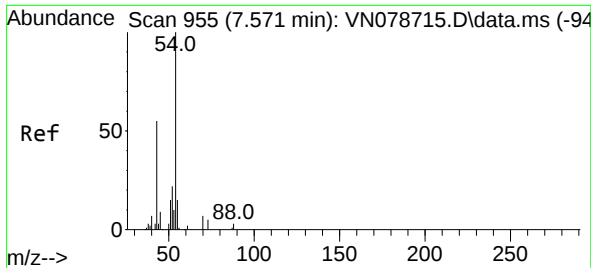
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#42
Vinyl Acetate
Concen: 443.419 ug/l
RT: 6.612 min Scan# 792
Delta R.T. -0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

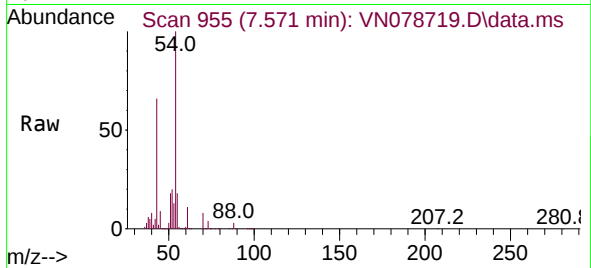
Tgt Ion: 43 Resp: 4729284
Ion Ratio Lower Upper
43 100
86 11.8 9.4 14.0





#43
Ethyl Acetate
Concen: 89.666 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

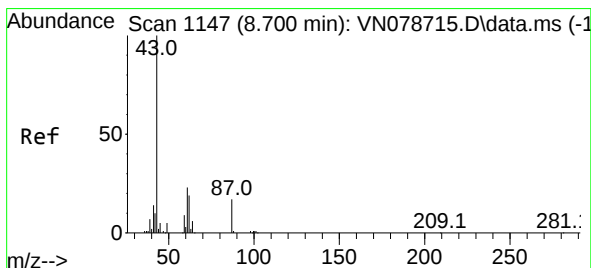
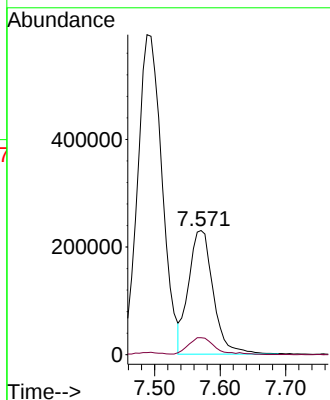
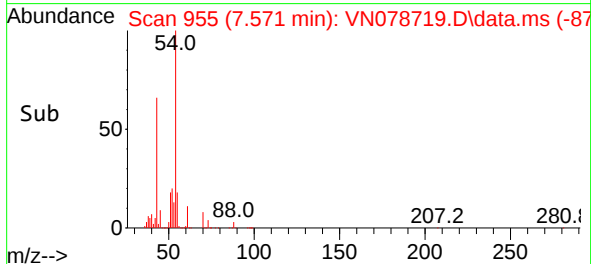
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



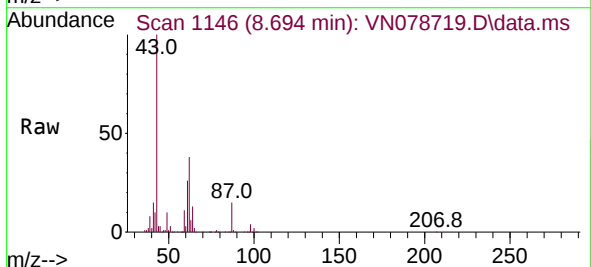
Tgt Ion: 43 Resp: 601990
Ion Ratio Lower Upper
43 100
45 13.1 10.9 16.3

Manual Integrations
APPROVED

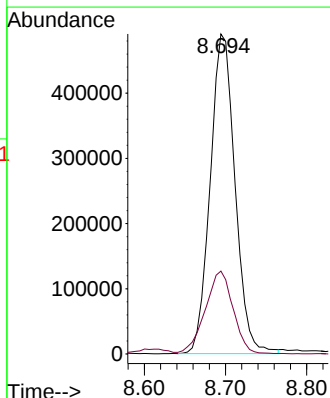
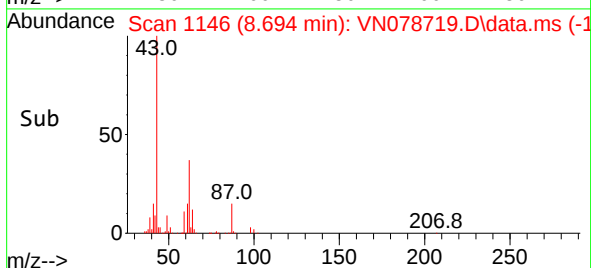
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

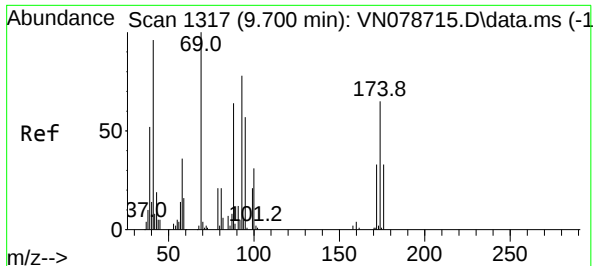


#44
Isopropyl Acetate
Concen: 88.729 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



Tgt Ion: 43 Resp: 1042328
Ion Ratio Lower Upper
43 100
61 28.9 23.0 34.6





#45

1,4-Dioxane

Concen: 1957.268 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

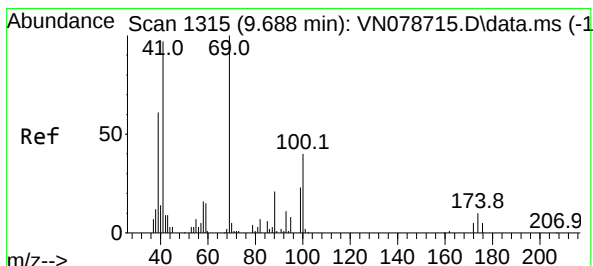
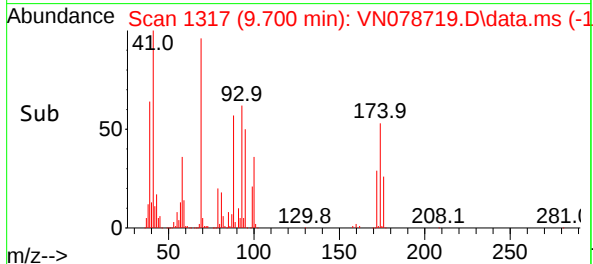
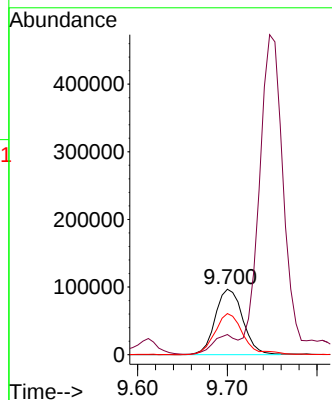
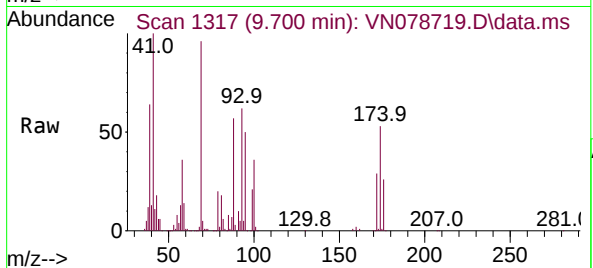
Tgt Ion: 88 Resp: 206429
 Ion Ratio Lower Upper
 88 100
 43 25.7 19.0 28.6
 58 61.2 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#46

Methyl methacrylate

Concen: 99.174 ug/l

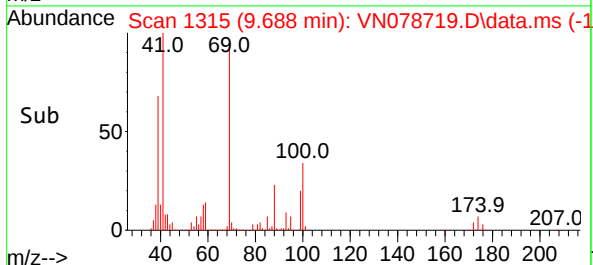
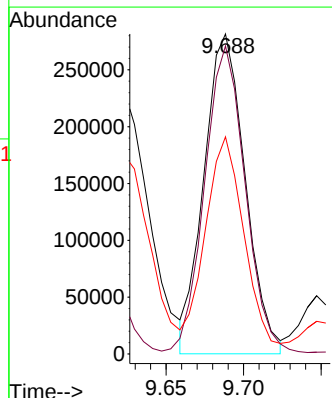
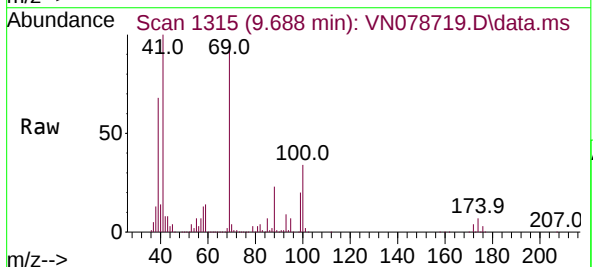
RT: 9.688 min Scan# 1315

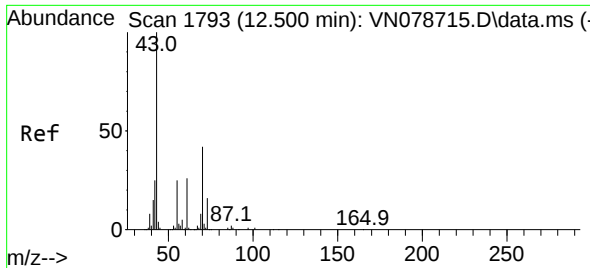
Delta R.T. 0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

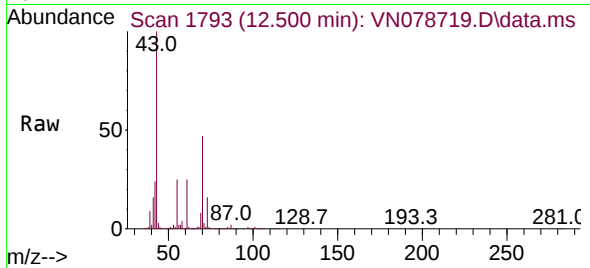
Tgt Ion: 41 Resp: 520144
 Ion Ratio Lower Upper
 41 100
 69 97.1 49.0 147.0
 39 67.3 31.6 94.8





#47
n-amy1 Acetate
Concen: 111.977 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

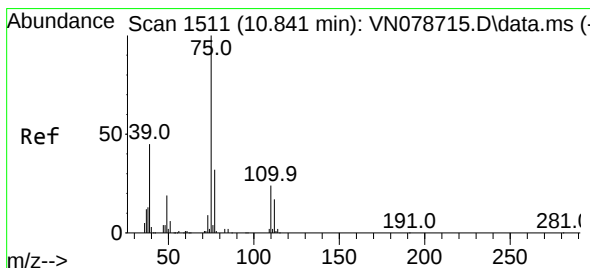
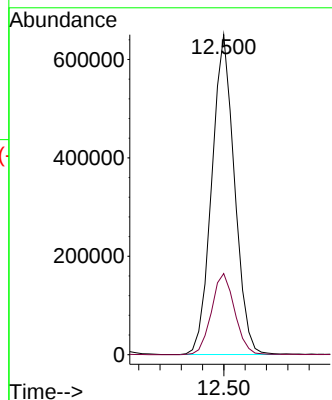
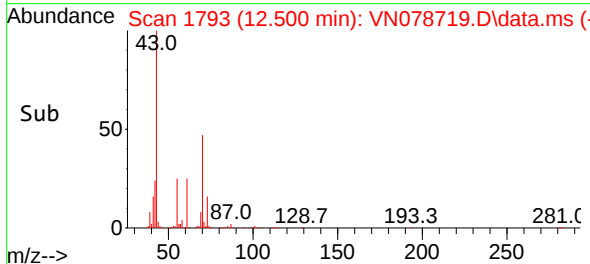
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



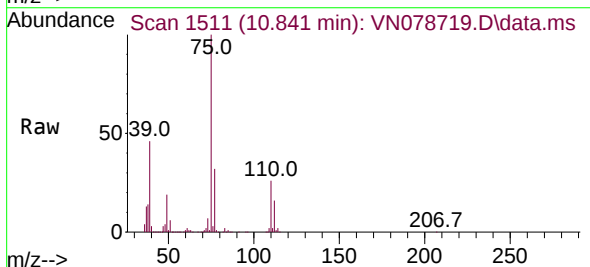
Tgt Ion: 43 Resp: 962300
Ion Ratio Lower Upper
43 100
55 25.9 21.5 32.3

Manual Integrations
APPROVED

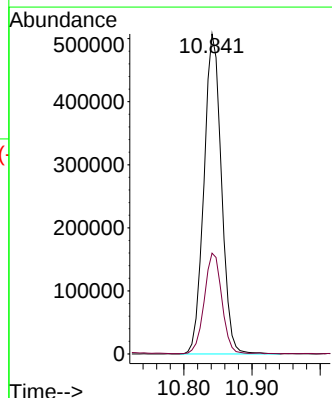
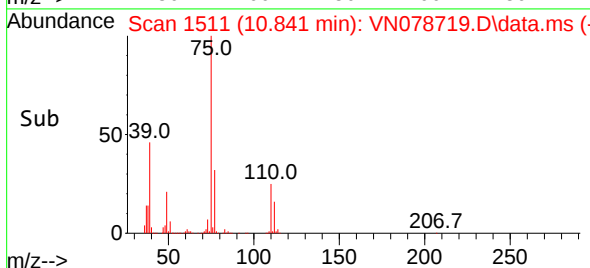
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

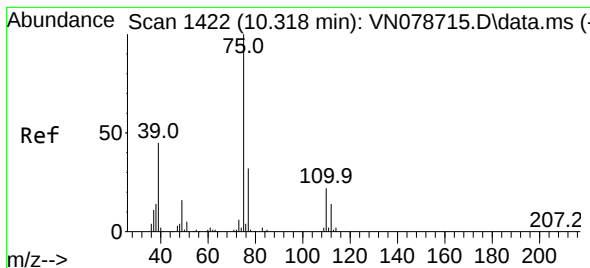


#48
t-1,3-Dichloropropene
Concen: 93.880 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



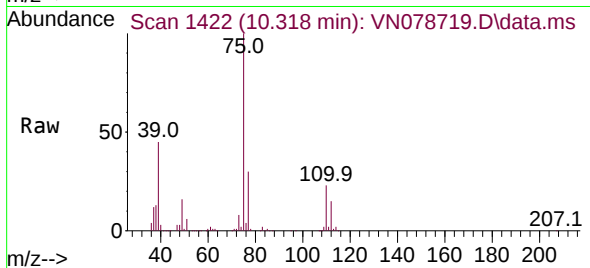
Tgt Ion: 75 Resp: 905194
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 93.799 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

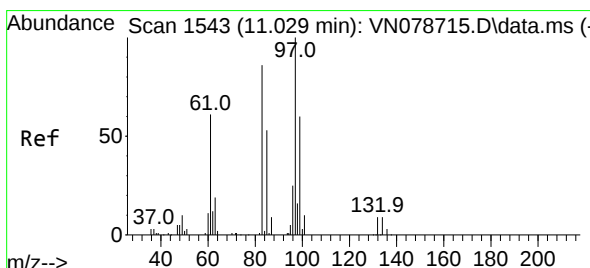
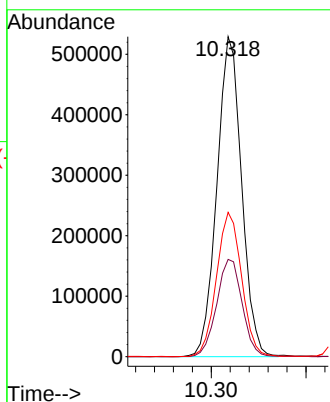
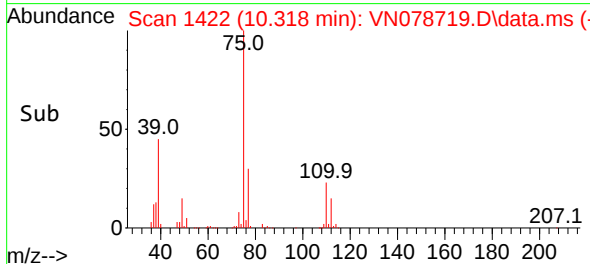
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion: 75 Resp: 958295
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.0 36.0
 39 45.1 35.1 52.7

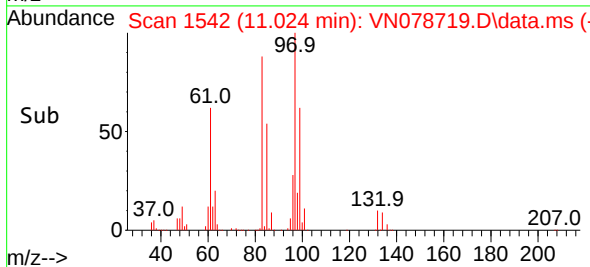
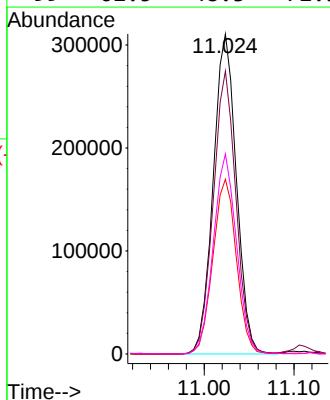
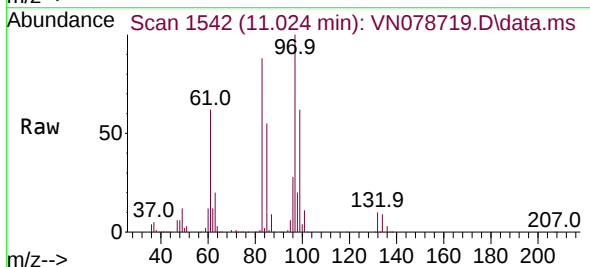
Manual Integrations
 APPROVED

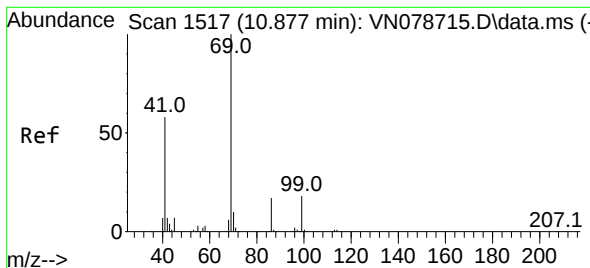
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#50
 1,1,2-Trichloroethane
 Concen: 85.320 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.005 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

Tgt Ion: 97 Resp: 556486
 Ion Ratio Lower Upper
 97 100
 83 88.4 66.8 100.2
 85 54.6 42.5 63.7
 99 62.5 48.3 72.5





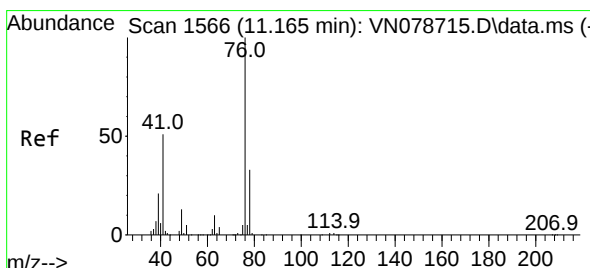
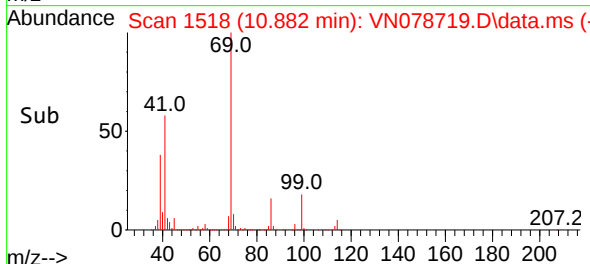
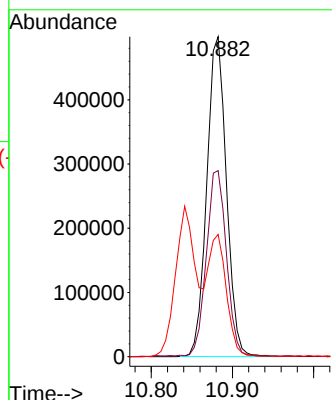
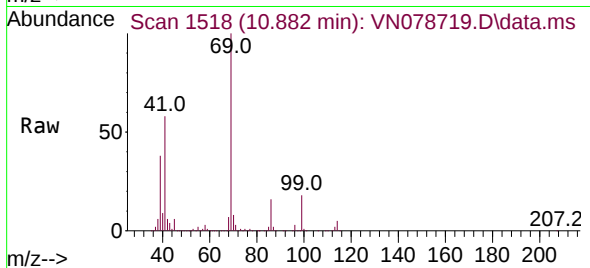
#51
Ethyl methacrylate
Concen: 95.747 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 69 Resp: 835029
Ion Ratio Lower Upper
69 100
41 58.0 26.0 78.0
39 38.1 16.3 48.9

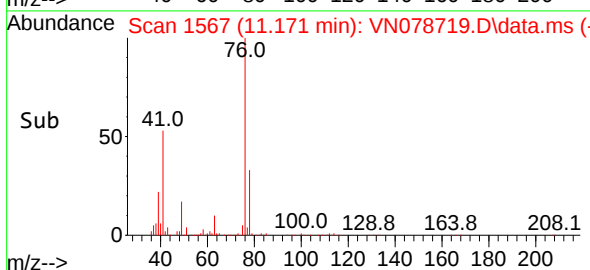
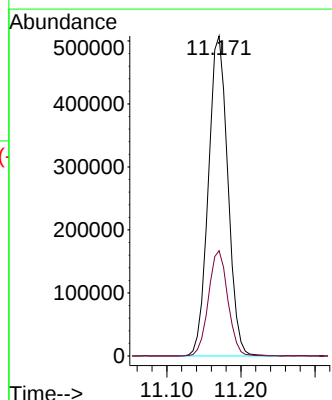
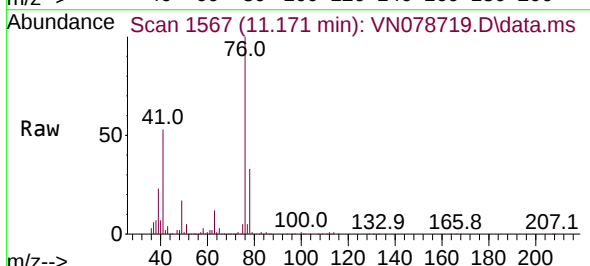
Manual Integrations
APPROVED

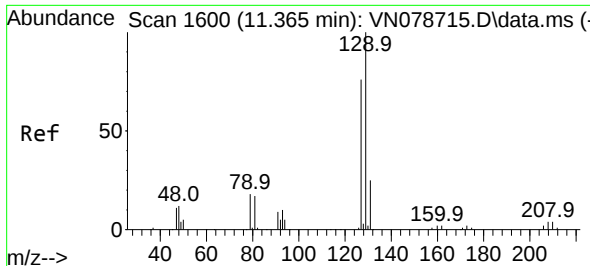
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#52
1,3-Dichloropropane
Concen: 78.083 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

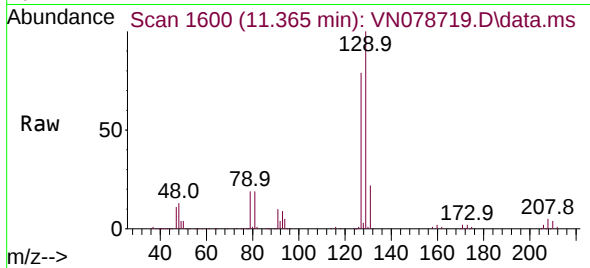
Tgt Ion: 76 Resp: 925098
Ion Ratio Lower Upper
76 100
78 32.8 0.0 66.2





#53
Dibromochloromethane
Concen: 95.016 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

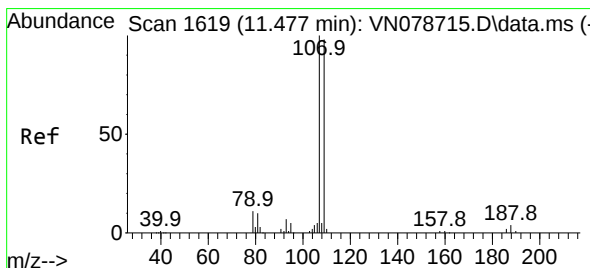
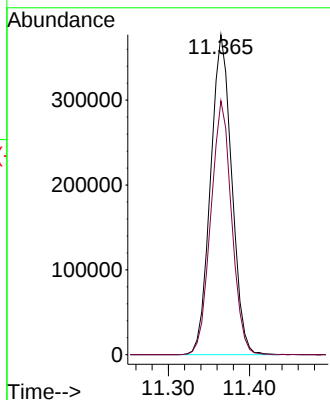
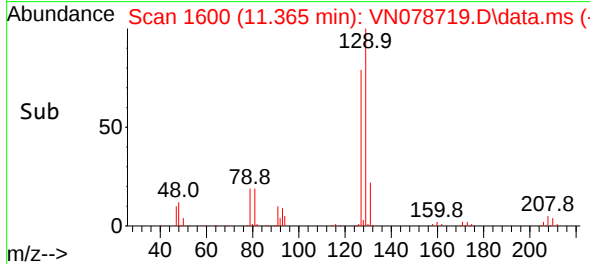
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



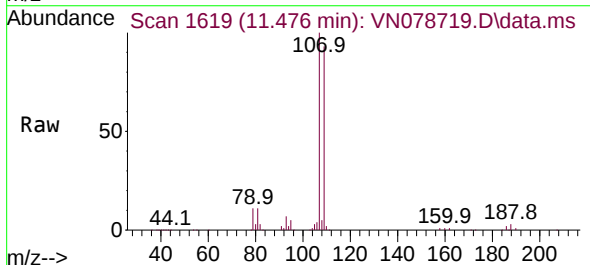
Tgt Ion:129 Resp: 685180
Ion Ratio Lower Upper
129 100
127 77.7 39.4 118.1

Manual Integrations
APPROVED

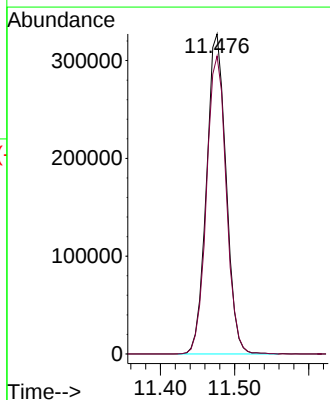
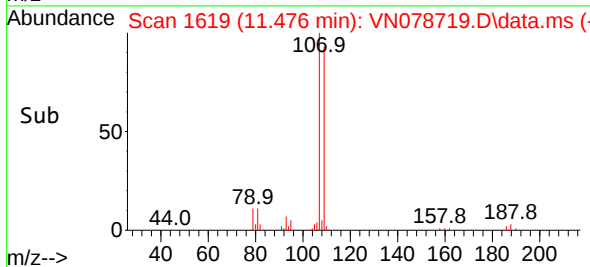
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

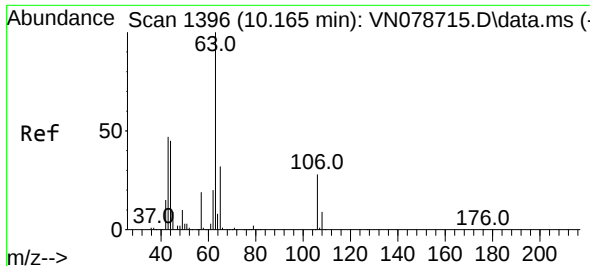


#54
1,2-Dibromoethane
Concen: 93.104 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.001 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



Tgt Ion:107 Resp: 599532
Ion Ratio Lower Upper
107 100
109 94.2 74.6 112.0





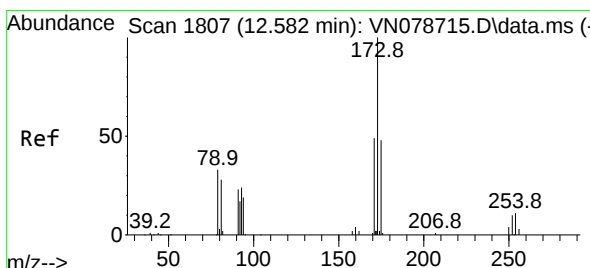
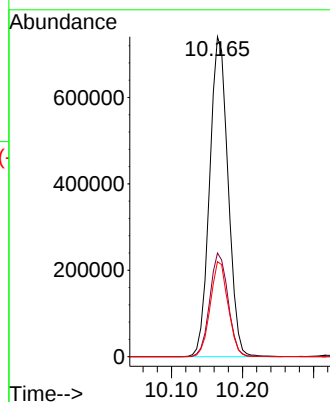
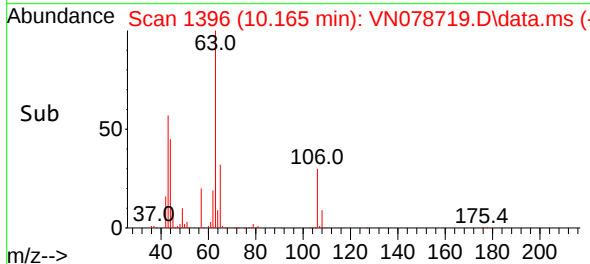
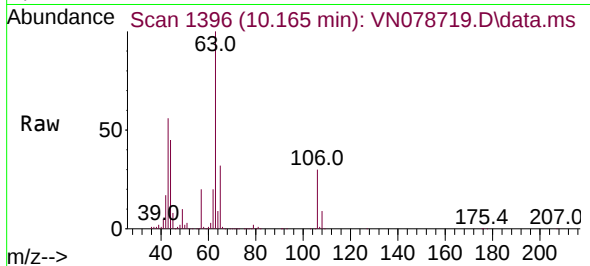
#55
2-Chloroethyl vinyl ether
Concen: 479.896 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 63 Resp: 133380
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 28.7 23.8 35.6

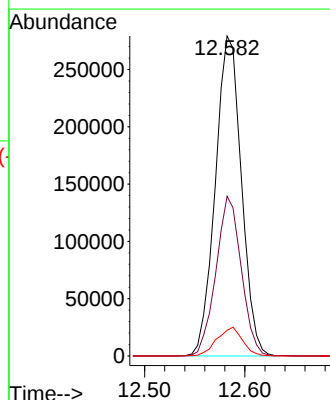
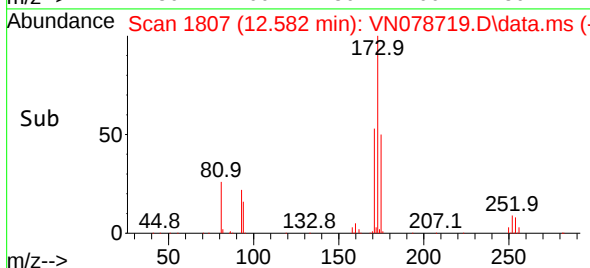
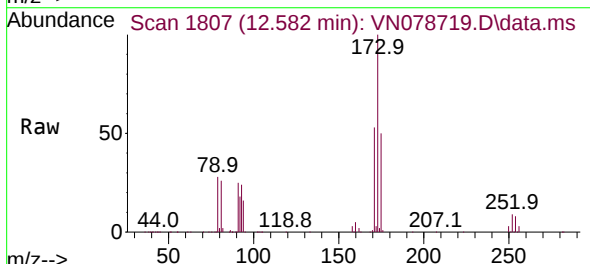
Manual Integrations
APPROVED

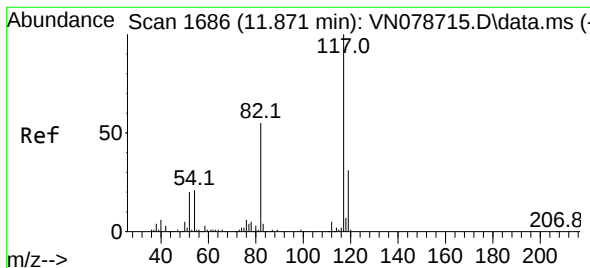
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#56
Bromoform
Concen: 111.239 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

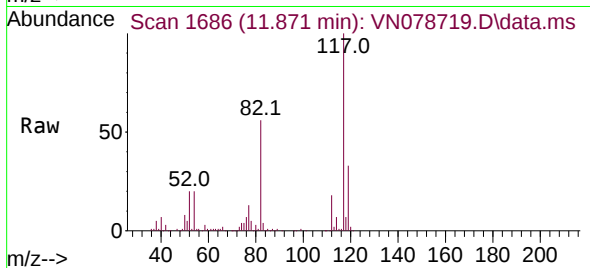
Tgt Ion:173 Resp: 504929
Ion Ratio Lower Upper
173 100
175 48.4 40.7 61.1
254 8.8 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

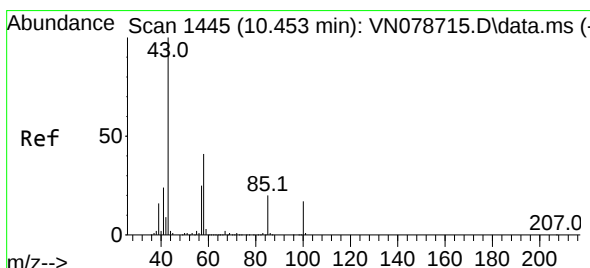
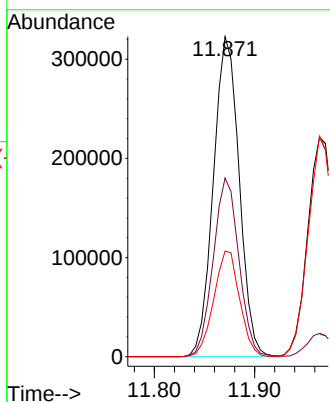
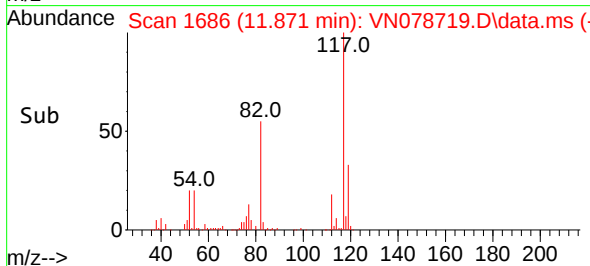
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



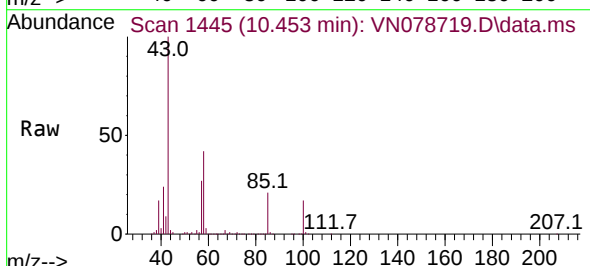
Tgt Ion:117 Resp: 577200
Ion Ratio Lower Upper
117 100
82 55.6 43.9 65.9
119 33.1 26.2 39.4

Manual Integrations
APPROVED

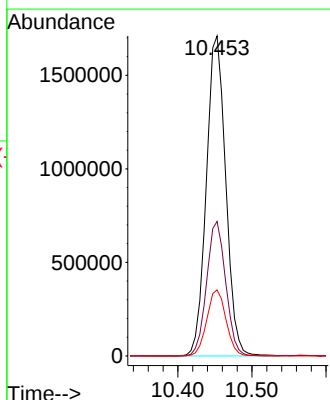
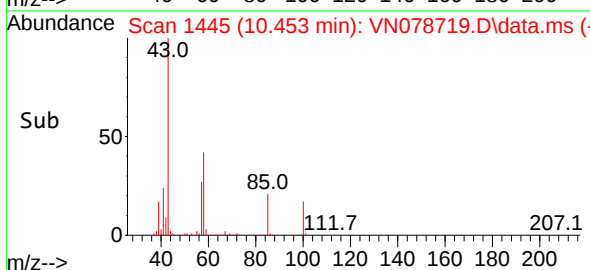
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

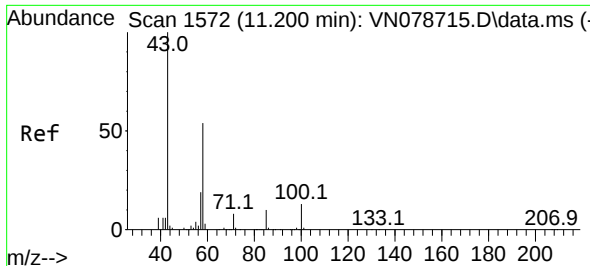


#58
4-Methyl-2-Pentanone
Concen: 420.589 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



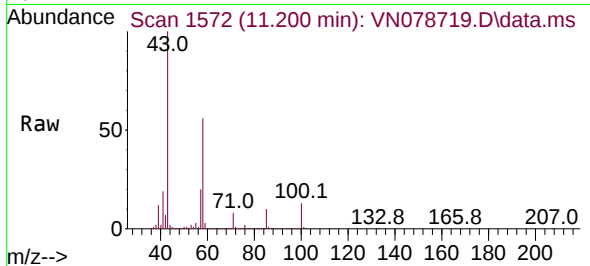
Tgt Ion: 43 Resp: 3114284
Ion Ratio Lower Upper
43 100
58 41.5 32.6 48.8
85 20.5 16.2 24.2





#59
2-Hexanone
Concen: 418.407 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

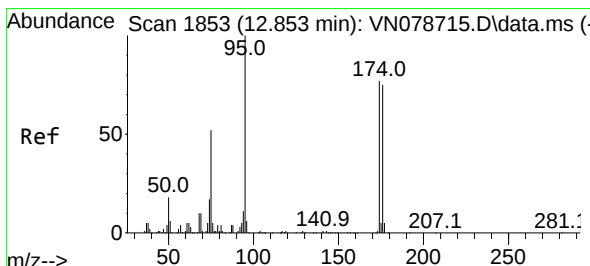
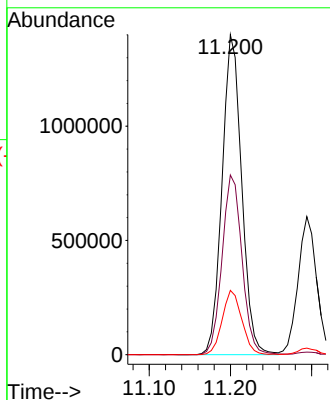
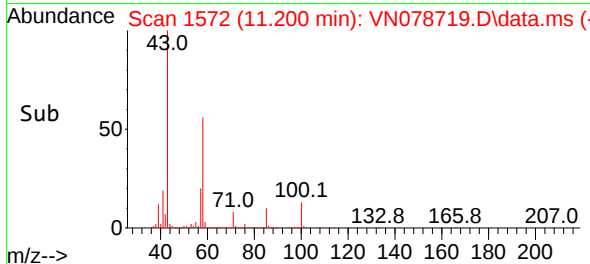
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 43 Resp: 235166
Ion Ratio Lower Upper
43 100
58 57.1 45.9 68.9
57 20.1 15.8 23.6

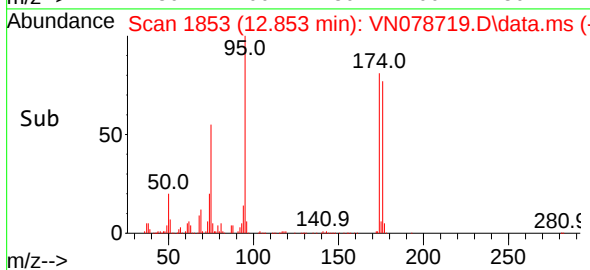
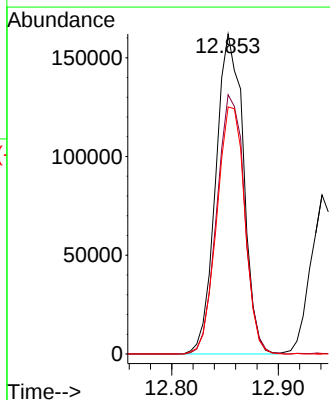
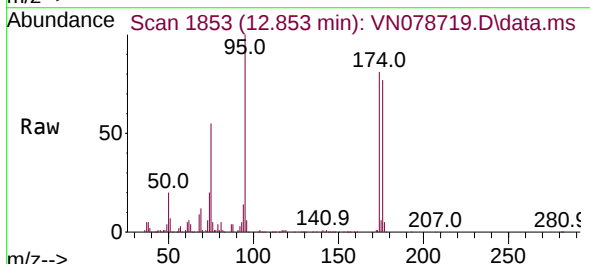
Manual Integrations
APPROVED

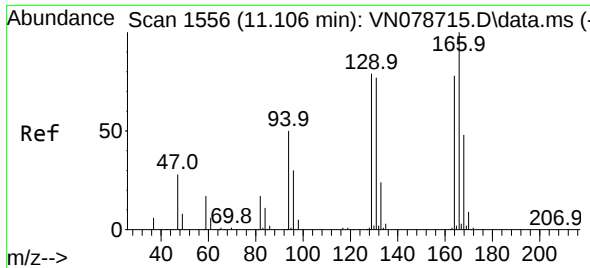
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#60
4-Bromofluorobenzene
Concen: 35.010 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

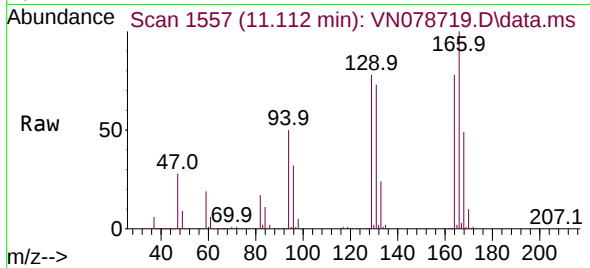
Tgt Ion: 95 Resp: 291144
Ion Ratio Lower Upper
95 100
174 81.2 61.7 92.5
176 78.4 58.1 87.1





#61
Tetrachloroethene
Concen: 77.464 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

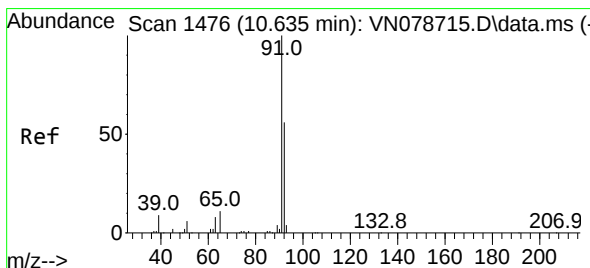
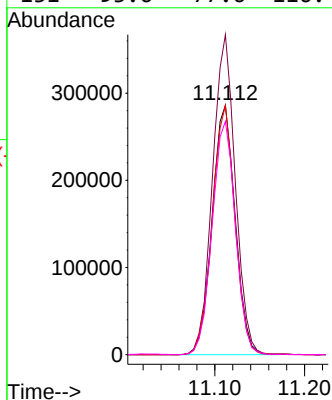
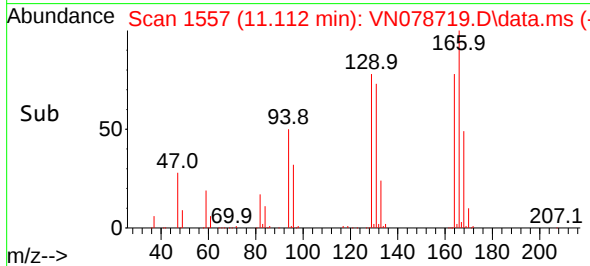
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:164 Resp: 51123
Ion Ratio Lower Upper
164 100
166 128.3 99.1 148.7
129 99.9 85.6 128.4
131 93.6 77.6 116.4

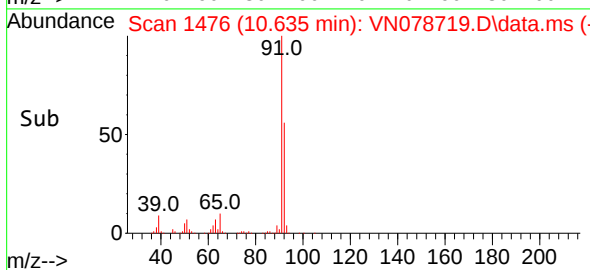
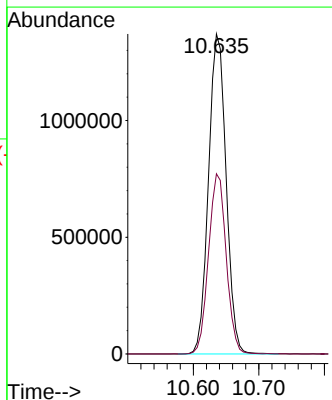
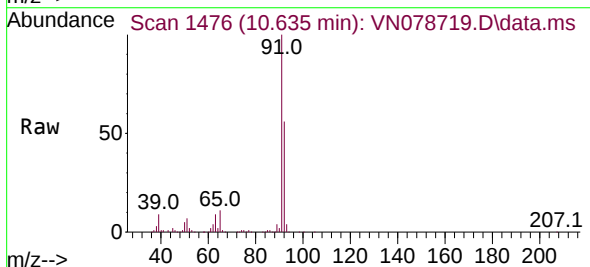
Manual Integrations
APPROVED

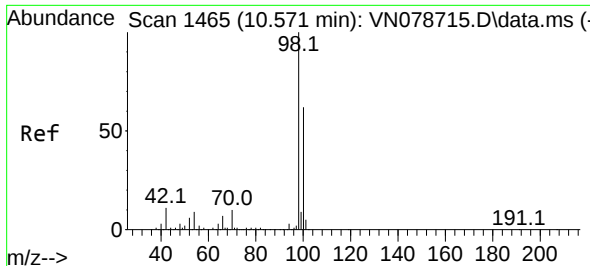
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#62
Toluene
Concen: 86.420 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

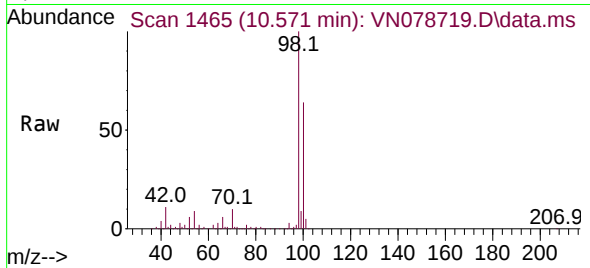
Tgt Ion: 91 Resp: 2560229
Ion Ratio Lower Upper
91 100
92 56.5 45.2 67.8





#63
Toluene-d8
Concen: 28.138 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

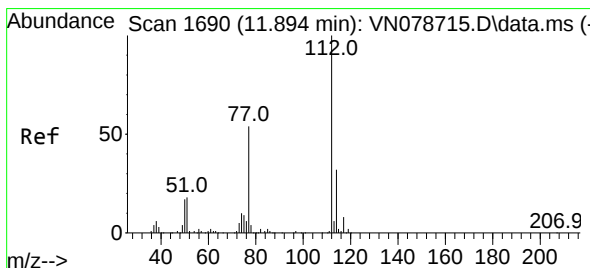
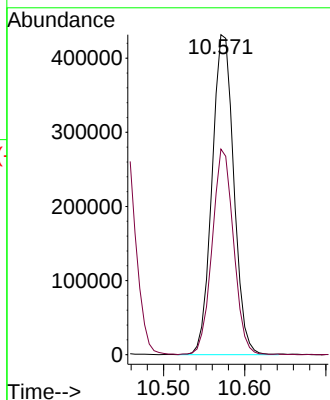
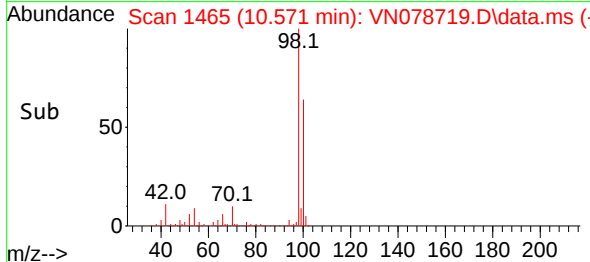
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 98 Resp: 80433
Ion Ratio Lower Upper
98 100
100 63.2 49.7 74.5

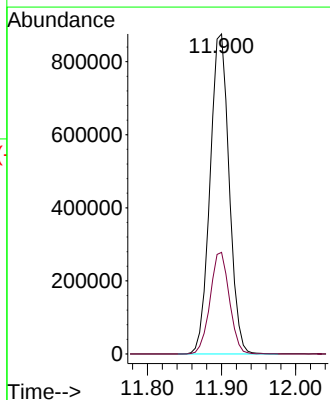
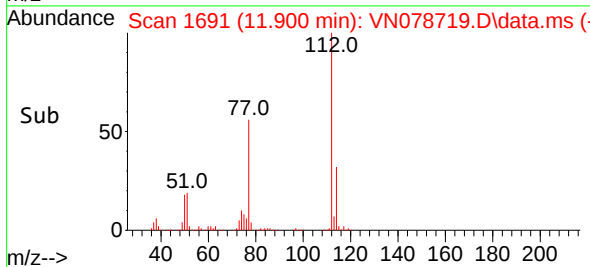
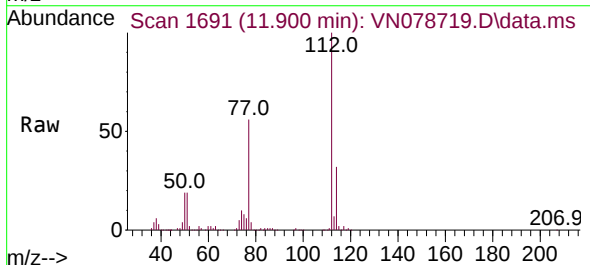
Manual Integrations
APPROVED

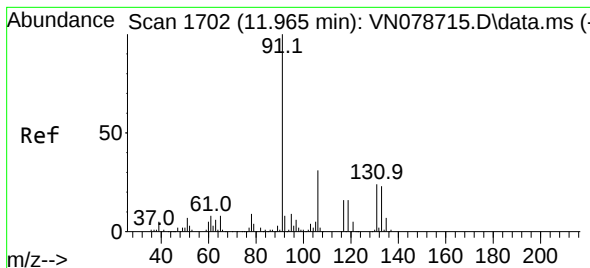
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#64
Chlorobenzene
Concen: 91.419 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Tgt Ion:112 Resp: 1565738
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9





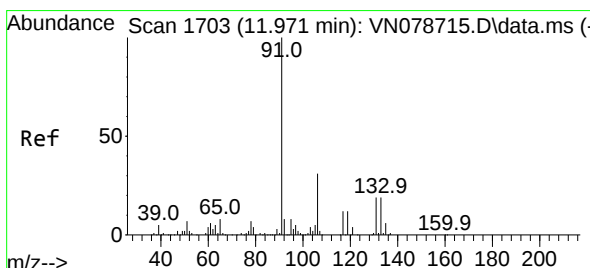
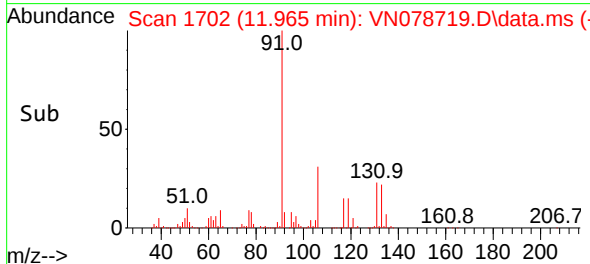
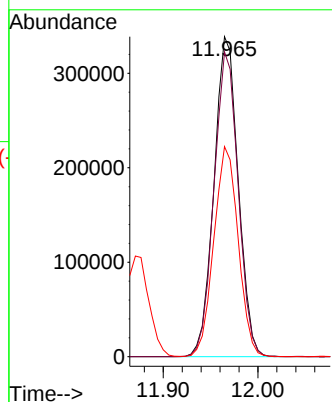
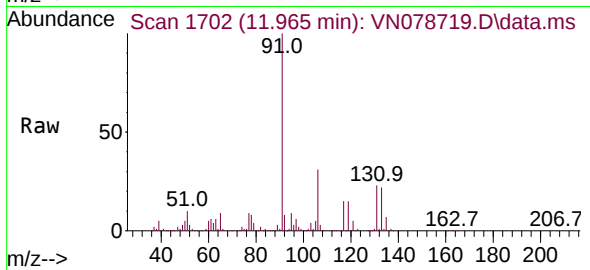
#65
1,1,1,2-Tetrachloroethane
Concen: 88.673 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:131 Resp: 602969
Ion Ratio Lower Upper
131 100
133 94.9 0.0 191.8
119 65.9 0.0 132.0

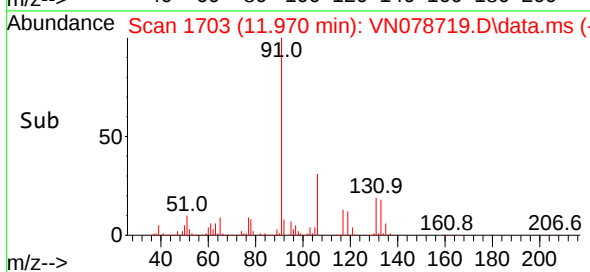
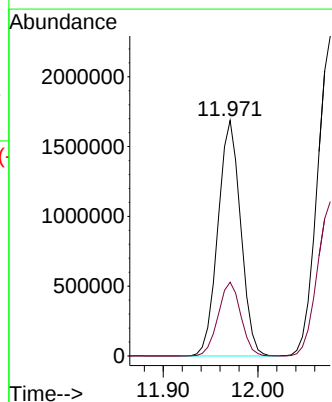
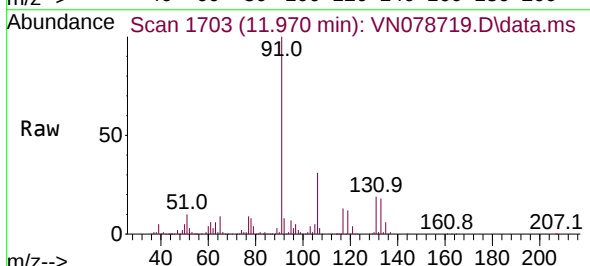
Manual Integrations
APPROVED

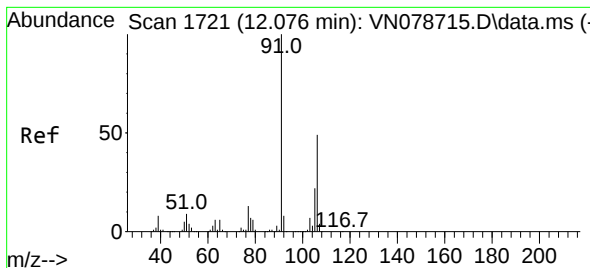
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#66
Ethyl Benzene
Concen: 96.108 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Tgt Ion: 91 Resp: 2814644
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4





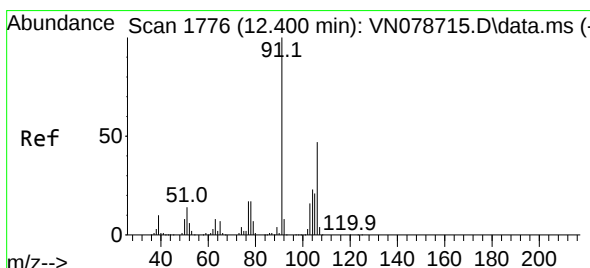
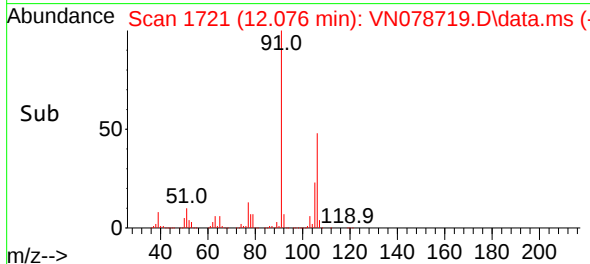
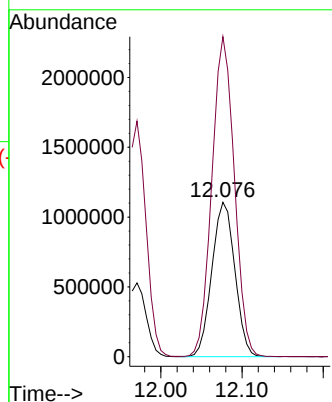
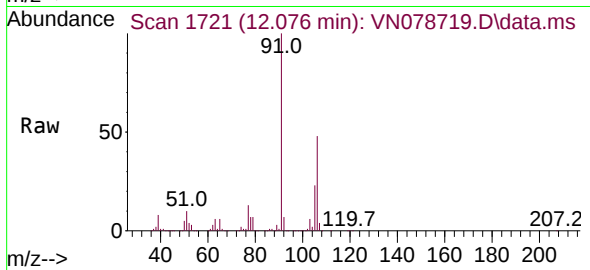
#67
m/p-Xylenes
Concen: 195.121 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:106 Resp: 2174839
Ion Ratio Lower Upper
106 100
91 203.0 162.5 243.7

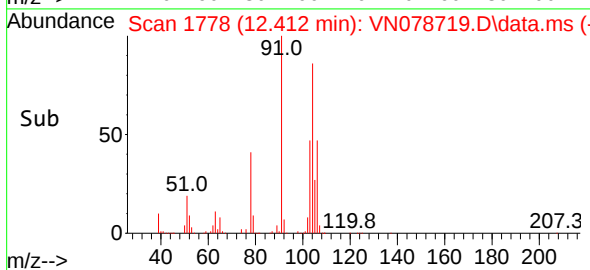
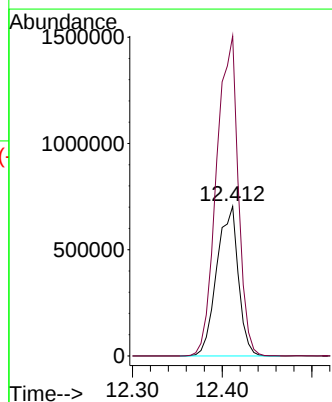
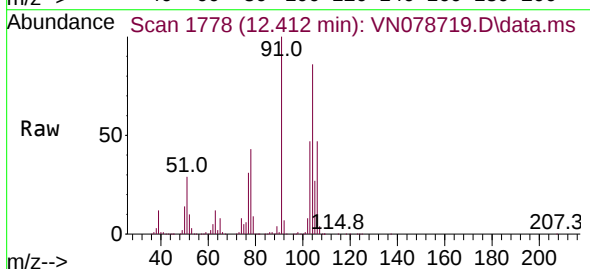
Manual Integrations
APPROVED

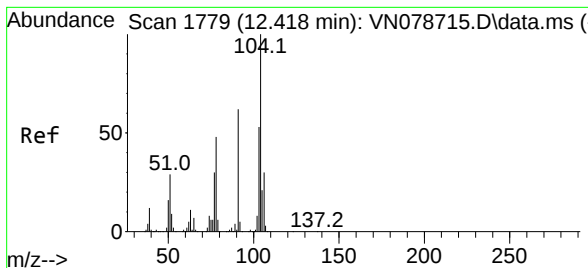
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#68
o-Xylene
Concen: 105.211 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.012 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

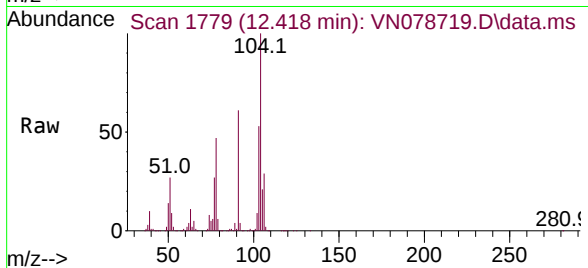
Tgt Ion:106 Resp: 1171947
Ion Ratio Lower Upper
106 100
91 215.4 106.1 318.3





#69
Styrene
Concen: 120.455 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

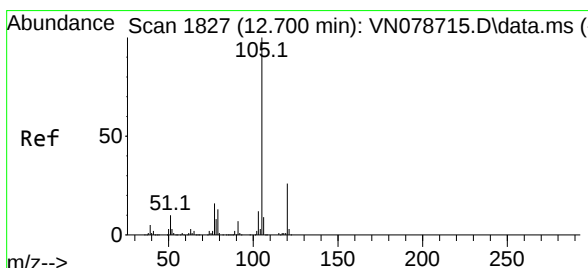
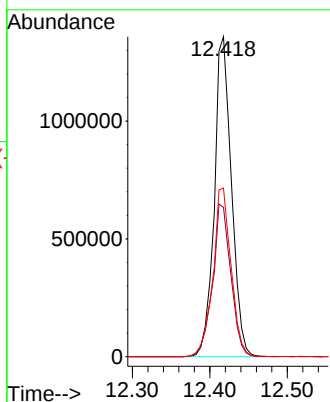
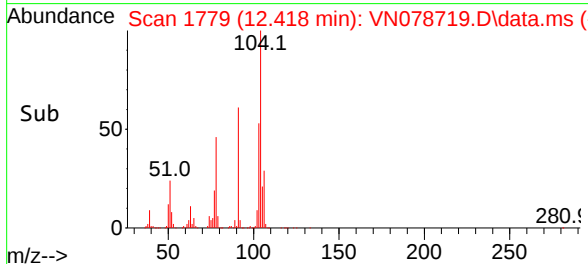
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



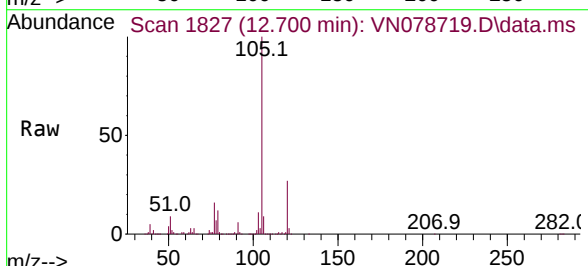
Tgt Ion:104 Resp: 208889
Ion Ratio Lower Upper
104 100
78 50.6 40.1 60.1
103 55.6 45.1 67.7

Manual Integrations
APPROVED

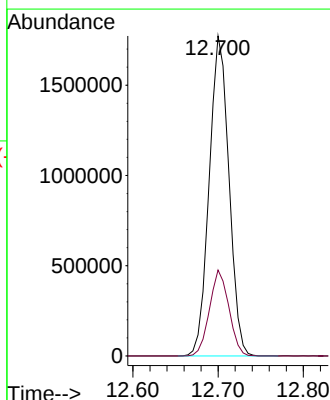
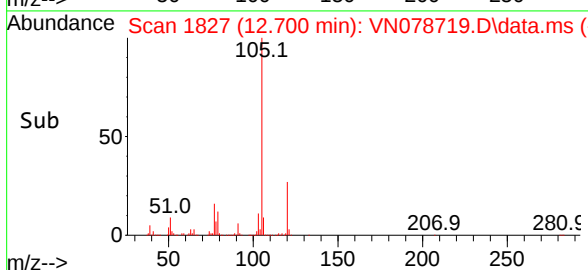
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

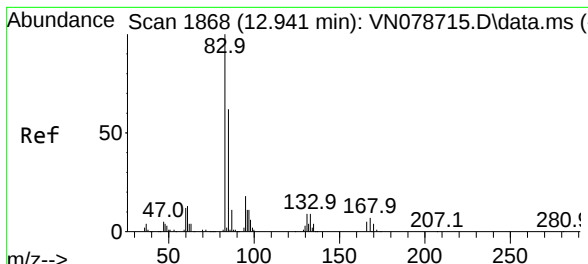


#70
Isopropylbenzene
Concen: 103.071 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



Tgt Ion:105 Resp: 2854443
Ion Ratio Lower Upper
105 100
120 26.3 18.3 34.1



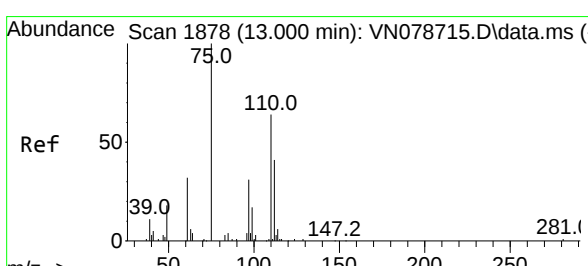
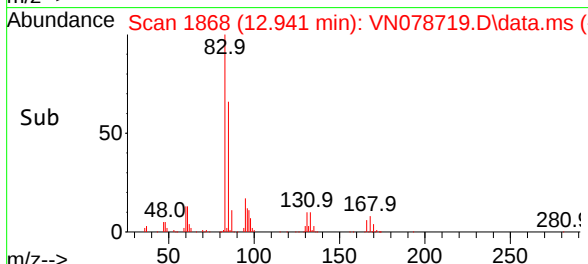
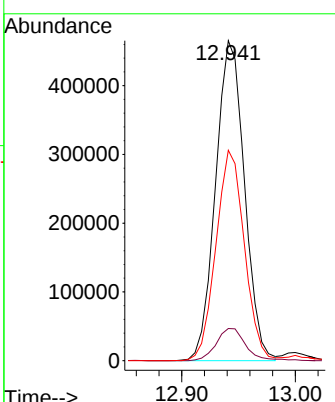
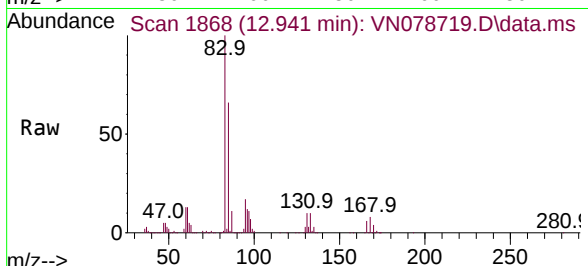


#71
 1,1,2,2-Tetrachloroethane
 Concen: 88.776 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

Instrument : MSVOA_N
 ClientSampleId : VSTDIC075

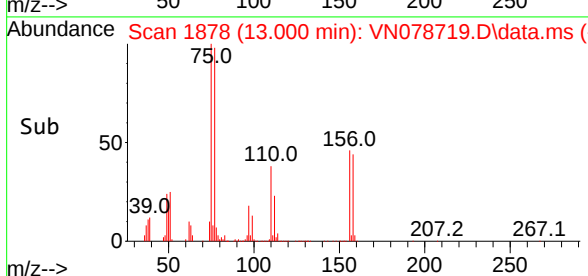
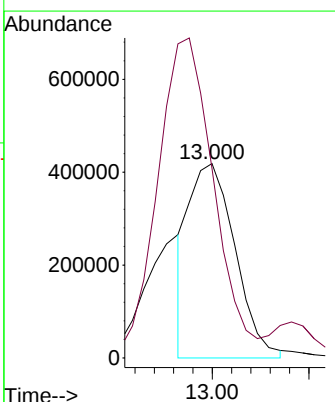
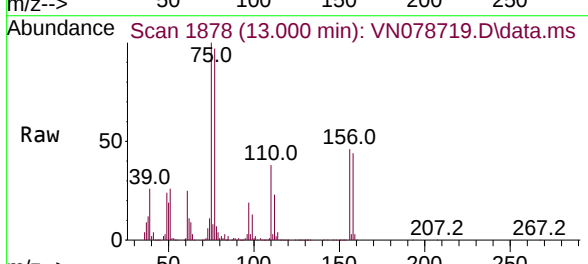
Tgt Ion:	83	Resp:	82290
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.8	14.4
85	64.7	32.6	98.0

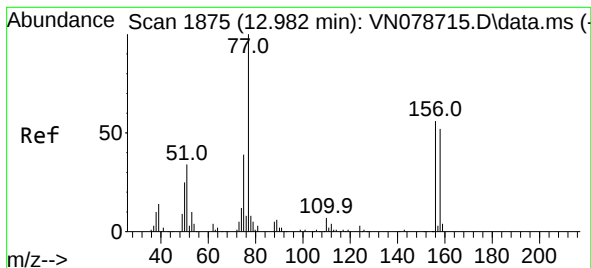
Manual Integrations
APPROVED
 Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#72
 1,2,3-Trichloropropane
 Concen: 79.002 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

Tgt Ion:	75	Resp:	694077
Ion Ratio	Lower	Upper	
75	100		
77	200.8	0.0	387.4





#73

Bromobenzene

Concen: 98.668 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

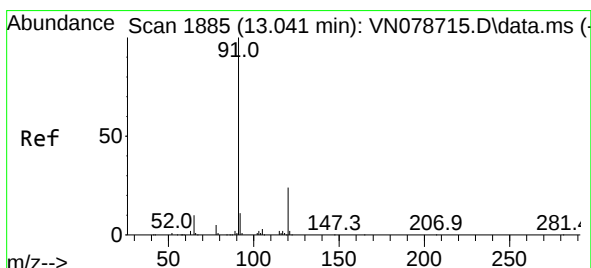
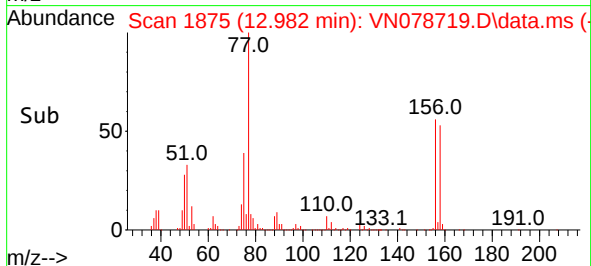
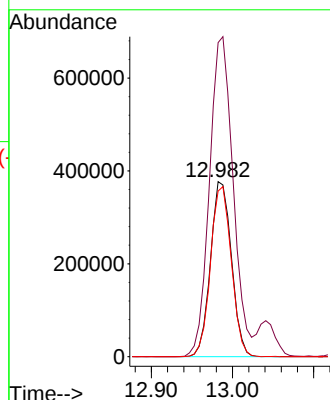
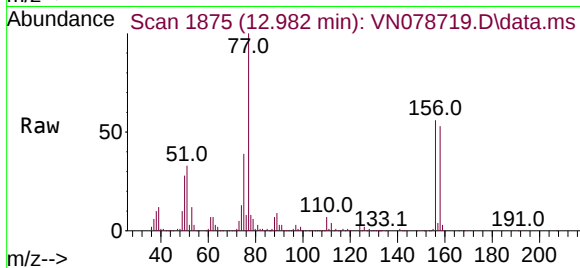
Tgt Ion:	156	Resp:	67597
Ion Ratio	Lower	Upper	
156	100		
77	206.2	0.0	420.8
158	96.5	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#74

n-propylbenzene

Concen: 103.524 ug/l

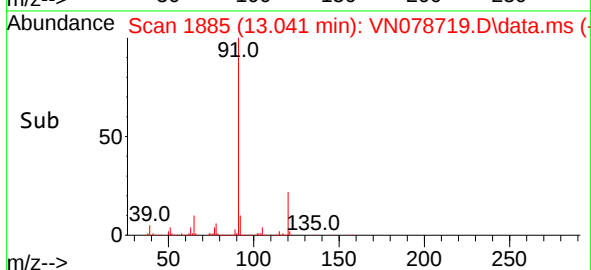
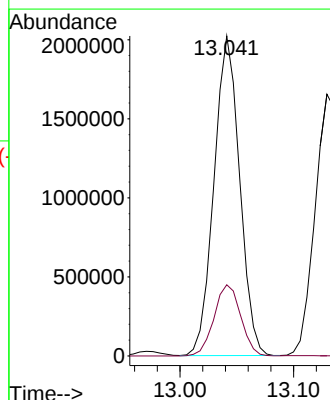
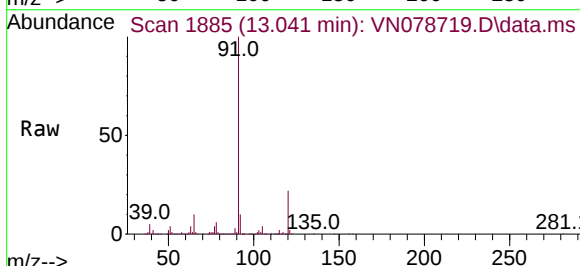
RT: 13.041 min Scan# 1885

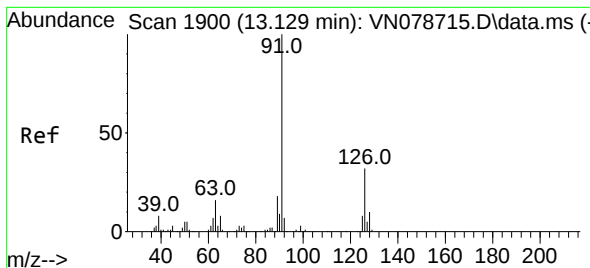
Delta R.T. 0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Tgt Ion:	91	Resp:	3171489
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	44.6





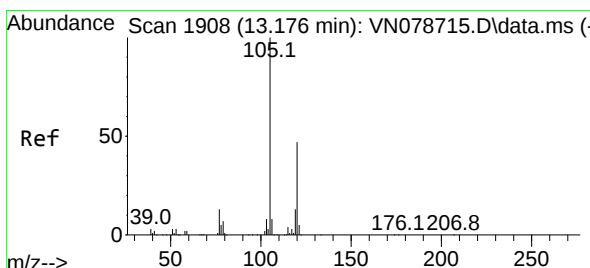
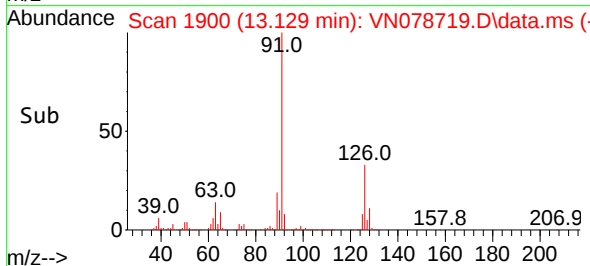
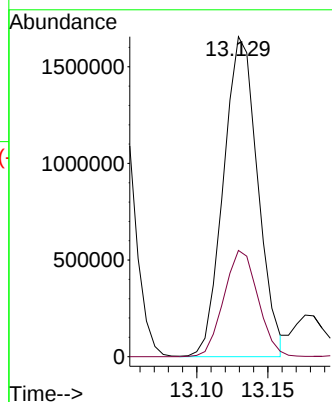
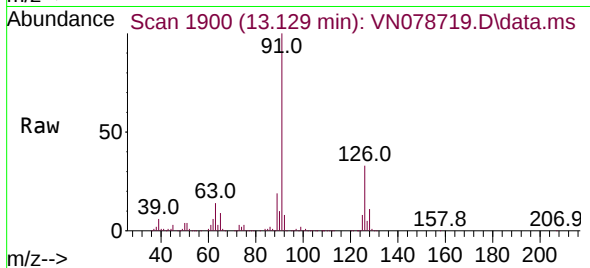
#75
2-Chlorotoluene
Concen: 142.777 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 91 Resp: 2780999
Ion Ratio Lower Upper
91 100
126 33.0 0.0 67.2

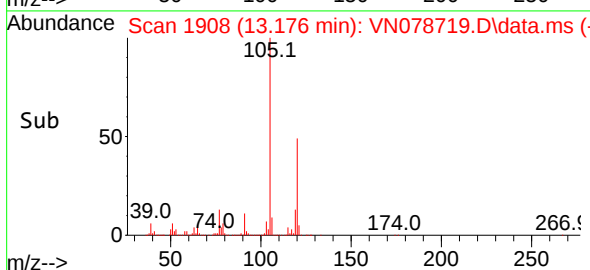
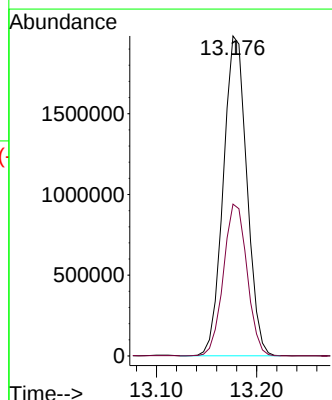
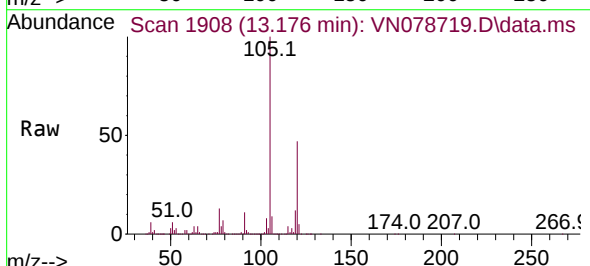
Manual Integrations
APPROVED

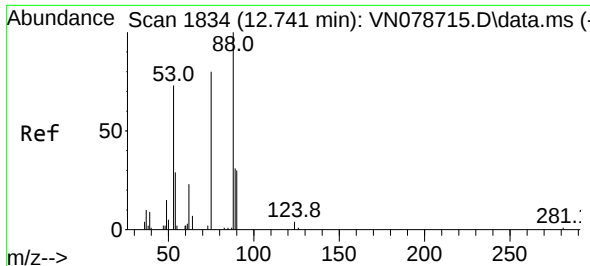
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#76
1,3,5-Trimethylbenzene
Concen: 141.748 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

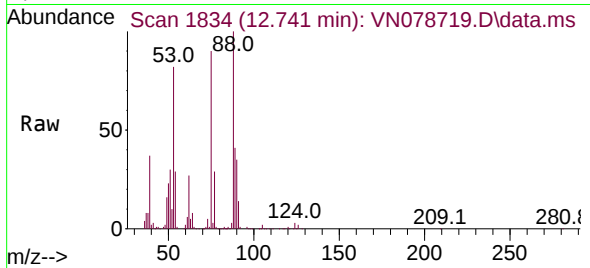
Tgt Ion:105 Resp: 3229674
Ion Ratio Lower Upper
105 100
120 47.7 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 113.830 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

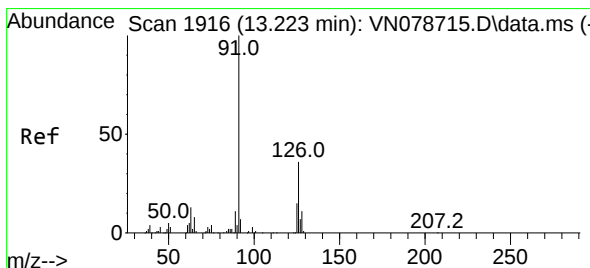
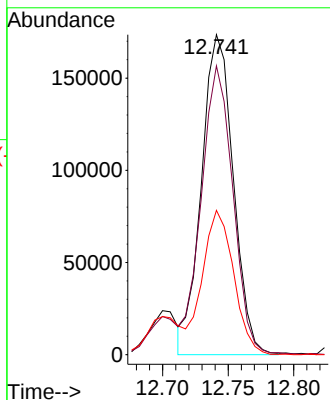
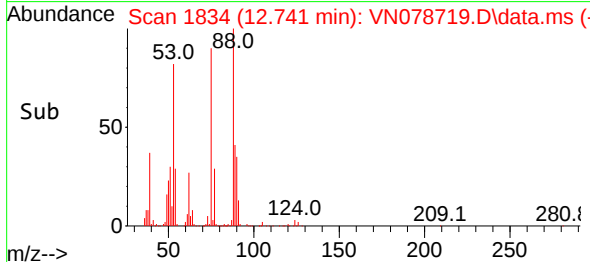
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



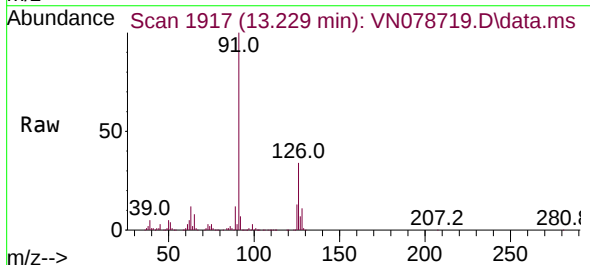
Tgt Ion: 75 Resp: 293362
Ion Ratio Lower Upper
75 100
53 89.9 41.6 124.9
89 45.1 25.1 75.4

Manual Integrations
APPROVED

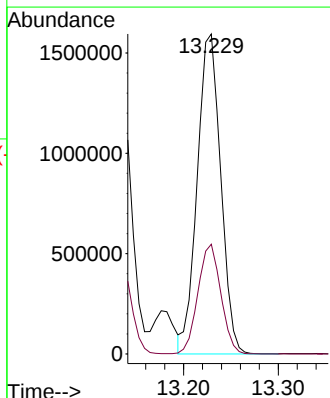
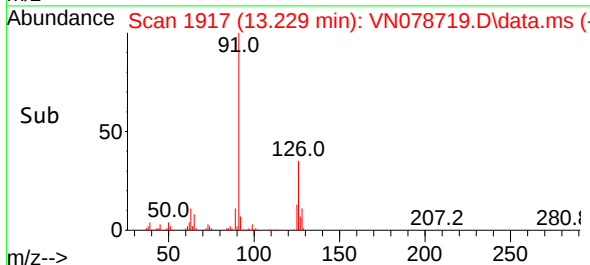
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

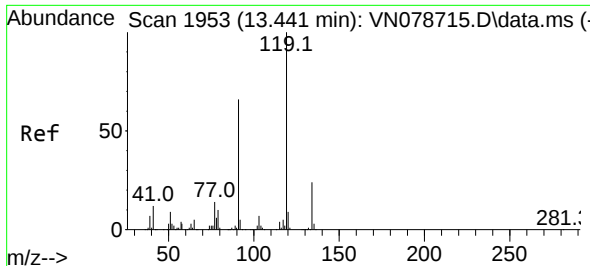


#78
4-Chlorotoluene
Concen: 147.426 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



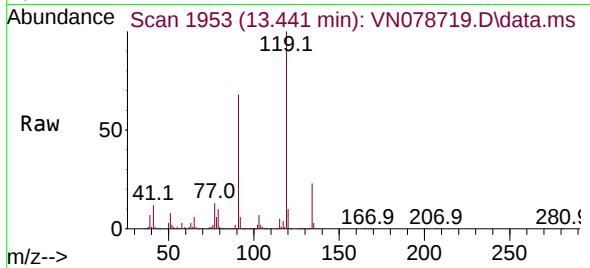
Tgt Ion: 91 Resp: 2752874
Ion Ratio Lower Upper
91 100
126 33.4 0.0 68.8





#79
tert-butylbenzene
Concen: 136.616 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

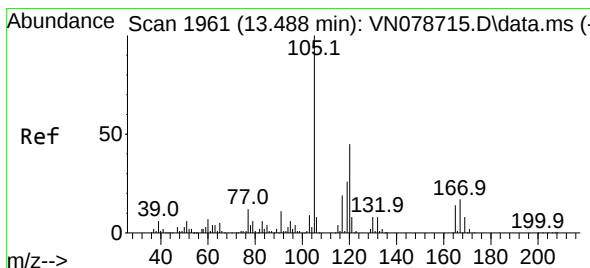
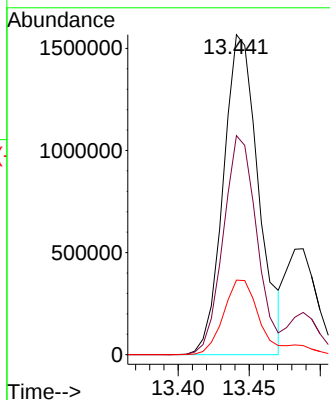
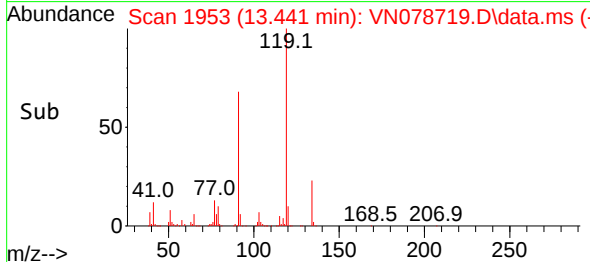
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



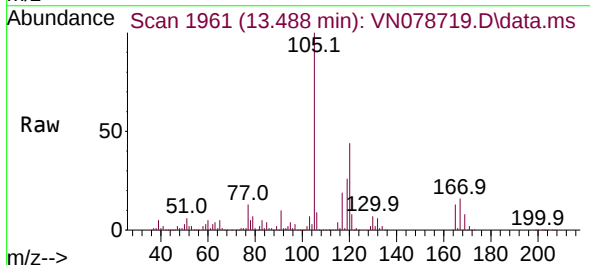
Tgt Ion:119 Resp: 270415
Ion Ratio Lower Upper
119 100
91 65.5 0.0 126.6
134 23.4 0.0 44.0

Manual Integrations
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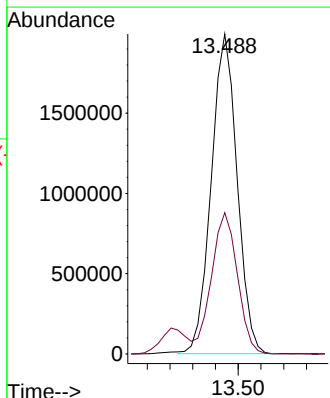
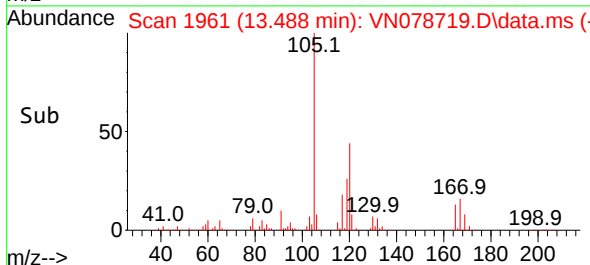
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023

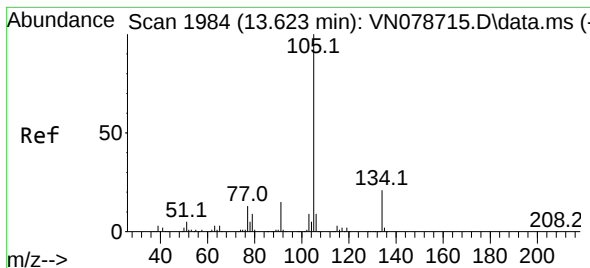


#80
1,2,4-Trimethylbenzene
Concen: 145.366 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



Tgt Ion:105 Resp: 3144430
Ion Ratio Lower Upper
105 100
120 44.4 0.0 88.2





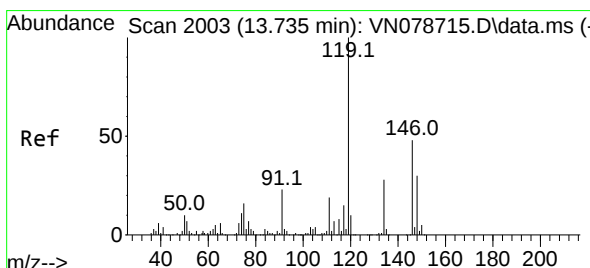
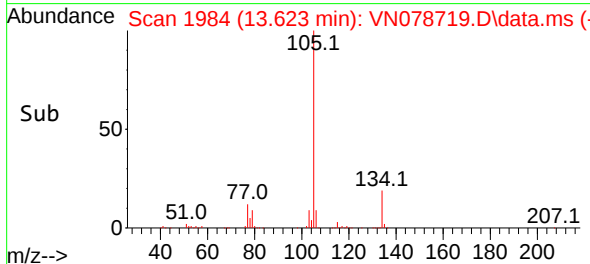
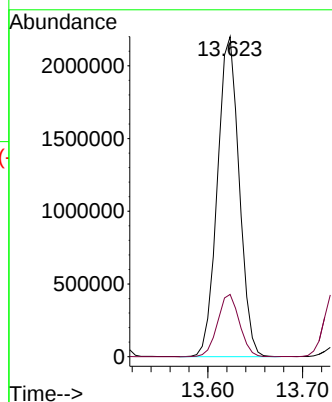
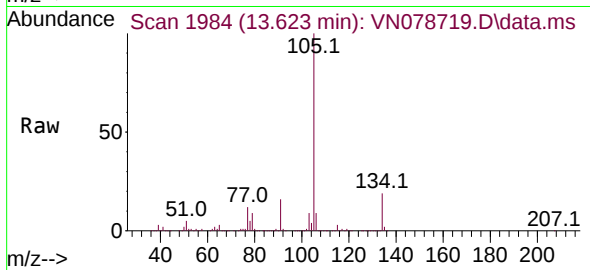
#81
 sec-Butylbenzene
 Concen: 139.540 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion:105 Resp: 3517554
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6

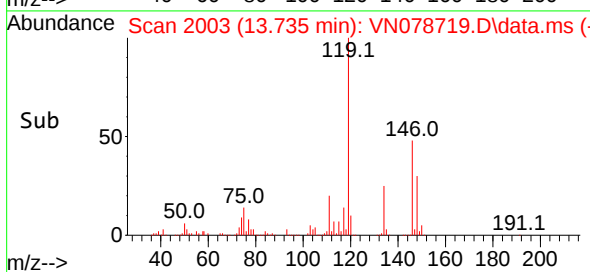
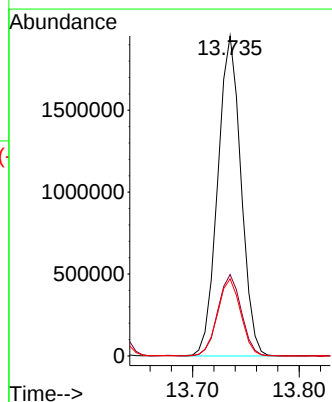
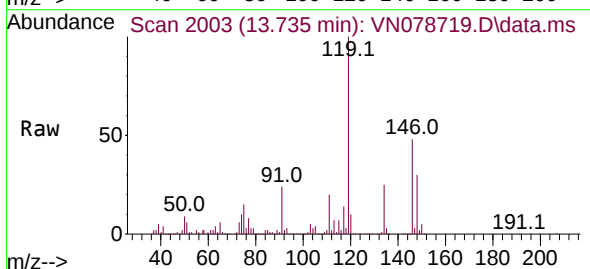
Manual Integrations
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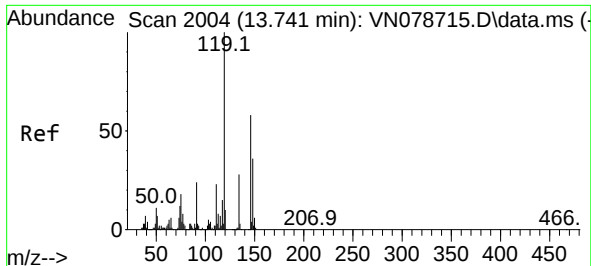
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#82
 p-Isopropyltoluene
 Concen: 144.052 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

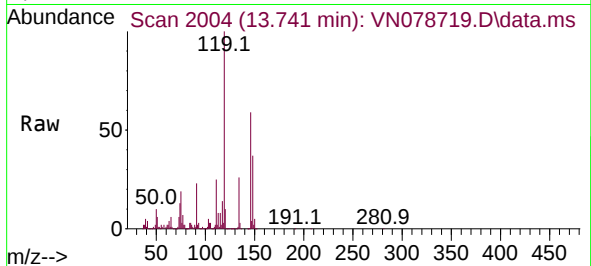
Tgt Ion:119 Resp: 2962045
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 24.0 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 148.219 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

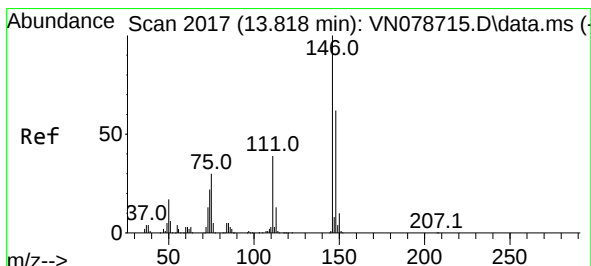
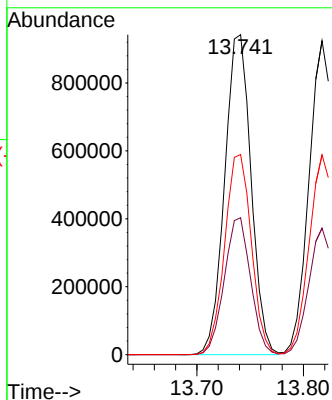
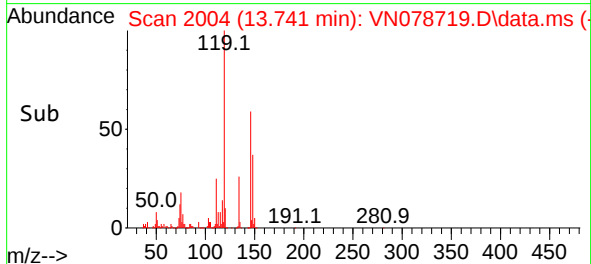
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:146 Resp: 162658
Ion Ratio Lower Upper
146 100
111 42.6 21.6 64.6
148 63.1 31.9 95.5

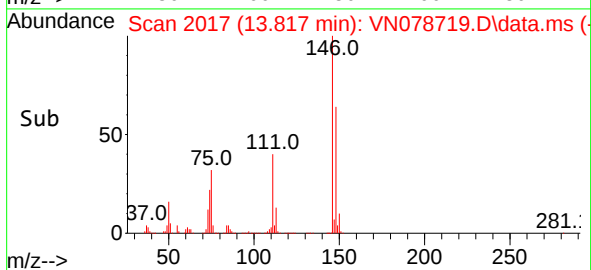
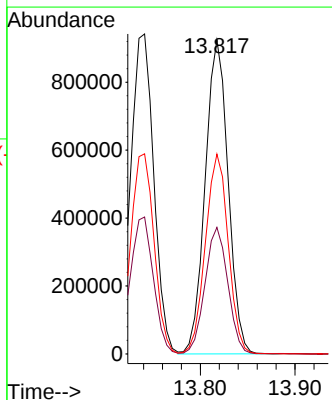
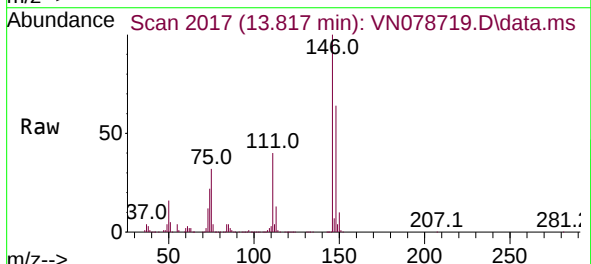
Manual Integrations
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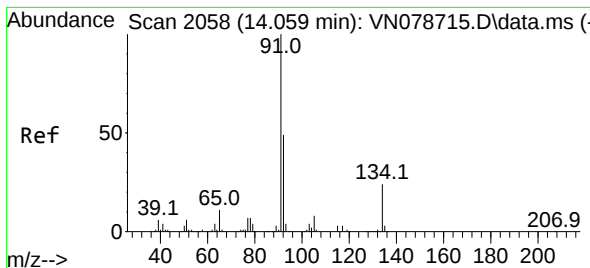
Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#84
1,4-Dichlorobenzene
Concen: 153.056 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

Tgt Ion:146 Resp: 1557726
Ion Ratio Lower Upper
146 100
111 40.2 19.4 58.2
148 63.4 31.4 94.3





#85

n-Butylbenzene

Concen: 157.737 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.005 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 91 Resp: 2193220

Ion Ratio Lower Upper

91 100

92 52.0 0.0 99.6

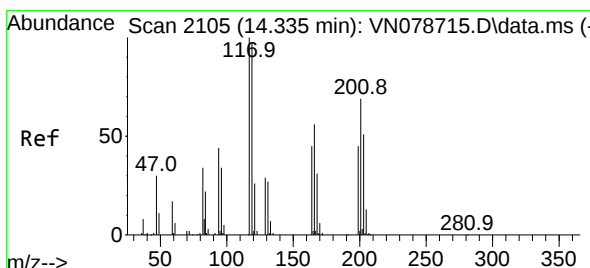
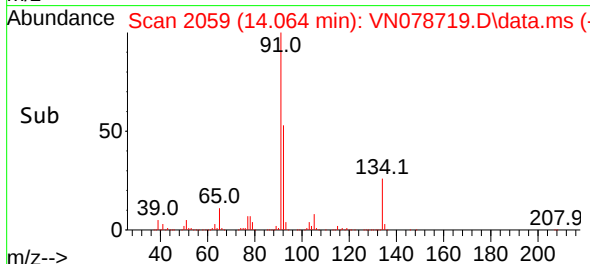
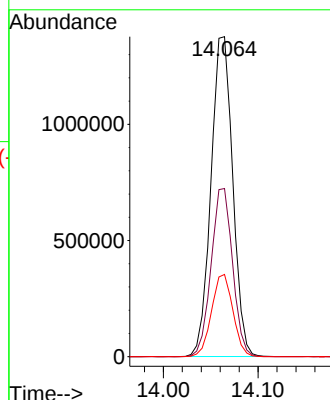
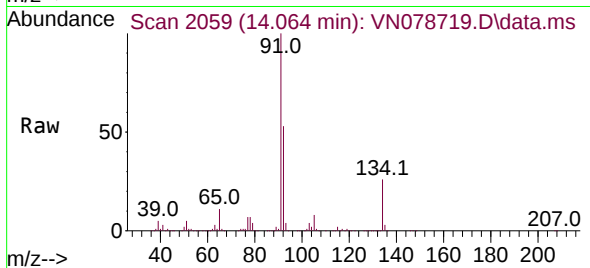
134 25.3 0.0 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#86

Hexachloroethane

Concen: 117.546 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078719.D

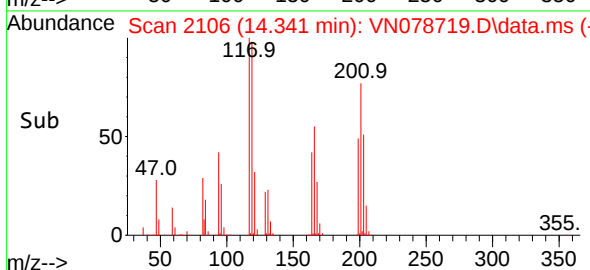
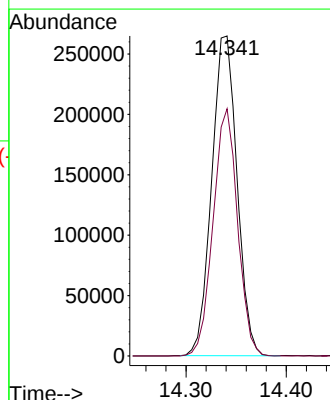
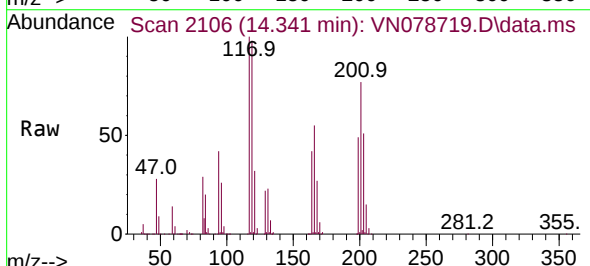
Acq: 01 Aug 2023 16:10

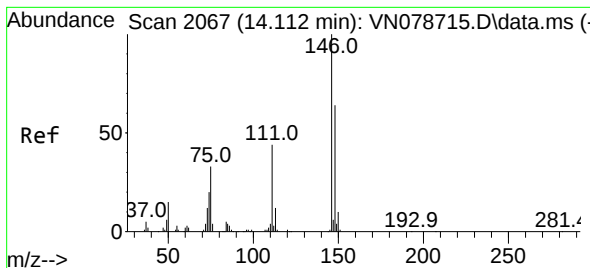
Tgt Ion:117 Resp: 464642

Ion Ratio Lower Upper

117 100

201 74.5 34.2 102.6





#87

1,2-Dichlorobenzene

Concen: 146.835 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:146 Resp: 151314

Ion Ratio Lower Upper

146 100

111 44.3 22.4 67.3

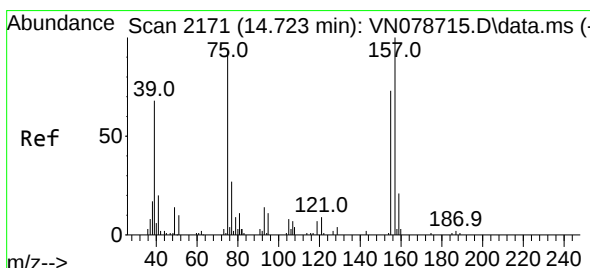
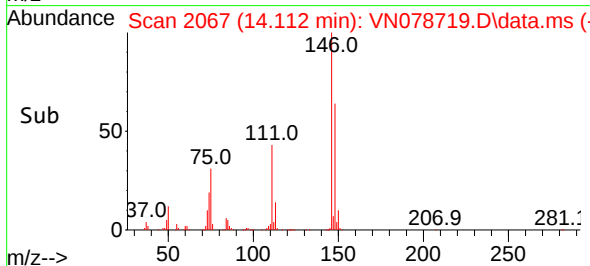
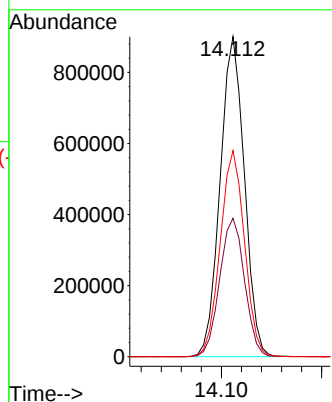
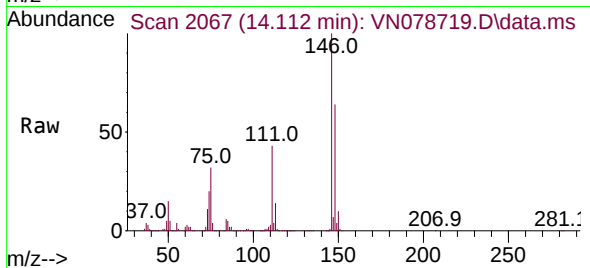
148 64.4 33.4 100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/02/2023

Supervised By :Mahesh Dadoda 08/02/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 143.536 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078719.D

Acq: 01 Aug 2023 16:10

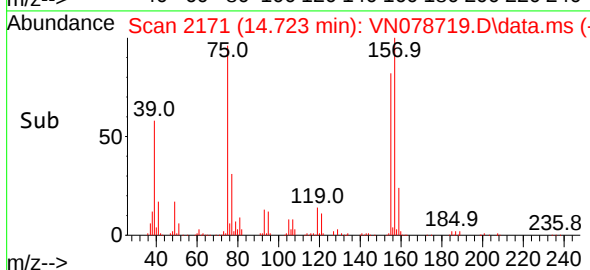
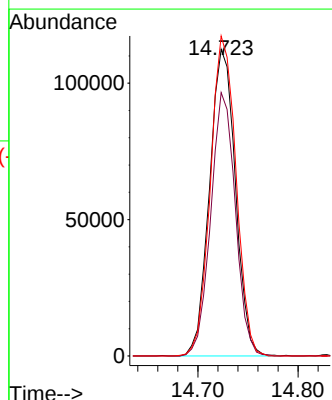
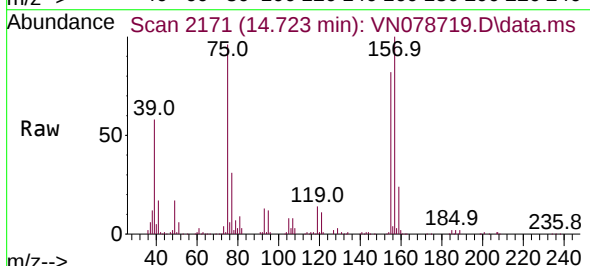
Tgt Ion: 75 Resp: 201416

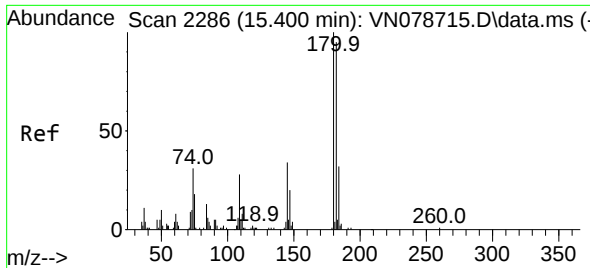
Ion Ratio Lower Upper

75 100

155 81.6 68.2 102.2

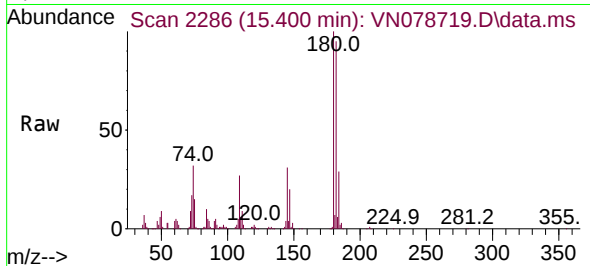
157 103.2 84.7 127.1





#89
 1,2,4-Trichlorobenzene
 Concen: 141.605 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

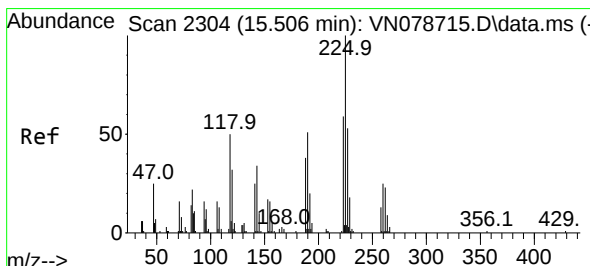
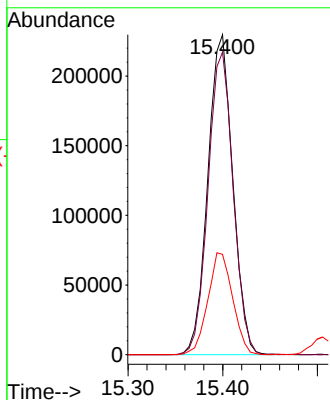
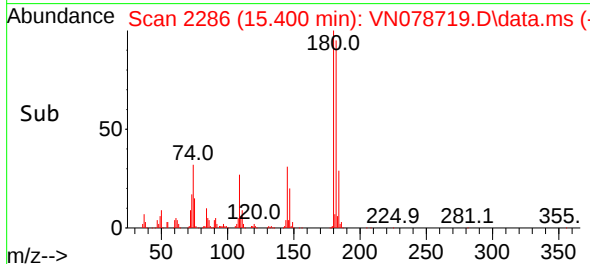
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion:180 Resp: 420888
 Ion Ratio Lower Upper
 180 100
 182 95.0 73.7 110.5
 145 31.7 25.0 37.6

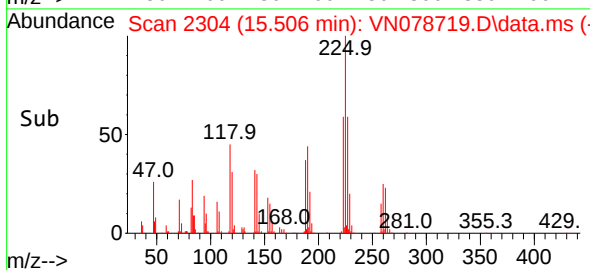
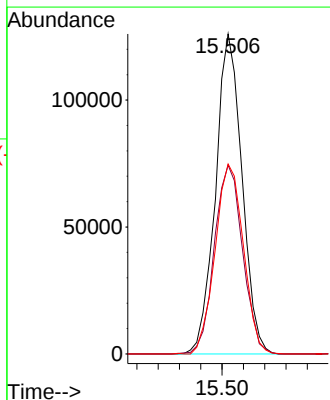
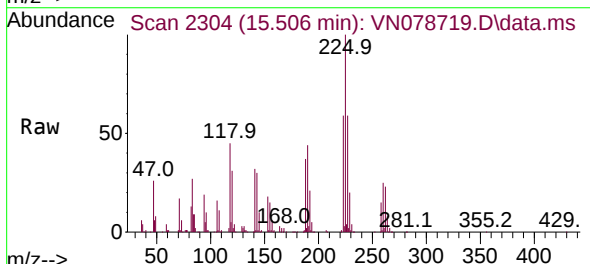
Manual Integrations
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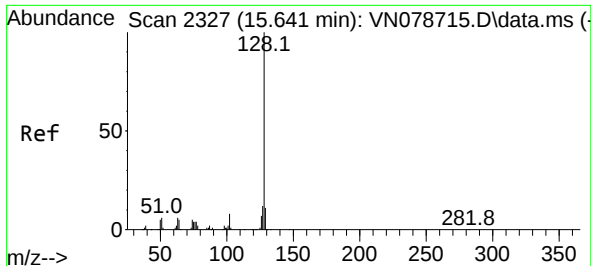
Reviewed By :John Carlone 08/02/2023
 Supervised By :Mahesh Dadoda 08/02/2023



#90
 Hexachlorobutadiene
 Concen: 85.405 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078719.D
 Acq: 01 Aug 2023 16:10

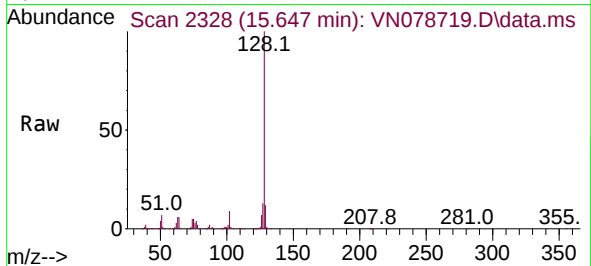
Tgt Ion:225 Resp: 217385
 Ion Ratio Lower Upper
 225 100
 223 63.0 0.0 130.0
 227 63.3 0.0 124.0





#91
Naphthalene
Concen: 124.778 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10

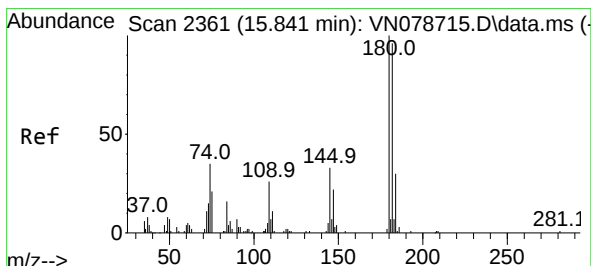
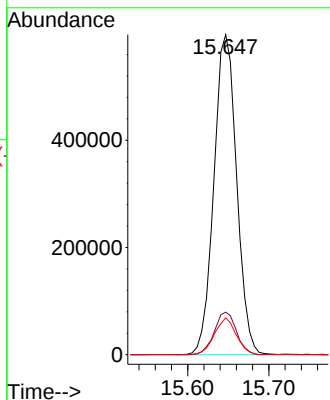
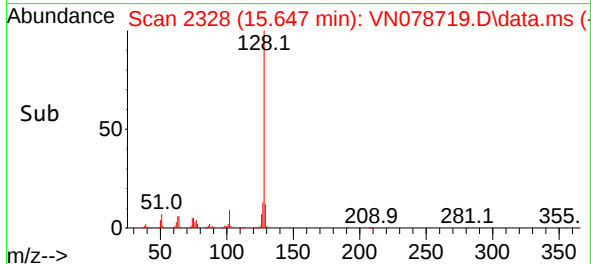
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



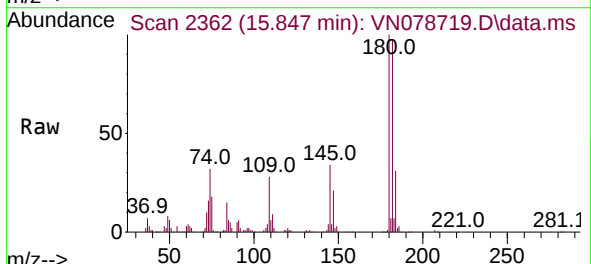
Tgt Ion:128 Resp: 1162070
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/02/2023
Supervised By :Mahesh Dadoda 08/02/2023



#92
1,2,3-Trichlorobenzene
Concen: 114.678 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN078719.D
Acq: 01 Aug 2023 16:10



Tgt Ion:180 Resp: 409634
Ion Ratio Lower Upper
180 100
182 97.1 0.0 196.4
145 34.1 0.0 71.0

