

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
 Data File : VN082085.D
 Acq On : 10 May 2024 21:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2024
 Supervised By : Mahesh Dadoda 05/13/2024

Quant Time: May 10 23:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	129396	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	286138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119031	54.505	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	109.000%		
35) Dibromofluoromethane	8.165	113	83357	48.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.760%		
50) Toluene-d8	10.565	98	356842	52.739	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.480%		
62) 4-Bromofluorobenzene	12.853	95	120455	45.035	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	85549	47.098	ug/l	98
3) Chloromethane	2.359	50	103776	54.765	ug/l	99
4) Vinyl Chloride	2.518	62	97460	56.818	ug/l	93
5) Bromomethane	2.948	94	44671	62.493	ug/l	96
6) Chloroethane	3.118	64	61096	70.472	ug/l	97
7) Trichlorofluoromethane	3.501	101	127041	47.878	ug/l	99
8) Diethyl Ether	3.959	74	61290	54.376	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	81807	53.104	ug/l	91
10) Methyl Iodide	4.595	142	79248	58.733	ug/l	98
11) Tert butyl alcohol	5.518	59	97287	245.052	ug/l	98
12) 1,1-Dichloroethene	4.348	96	81770	52.175	ug/l	94
13) Acrolein	4.177	56	71369	229.850	ug/l	98
14) Allyl chloride	5.024	41	153368	46.264	ug/l	91
15) Acrylonitrile	5.718	53	288882	303.031	ug/l	97
16) Acetone	4.418	43	198373	308.457	ug/l	96
17) Carbon Disulfide	4.718	76	203586	43.220	ug/l	97
18) Methyl Acetate	5.018	43	143629	64.931	ug/l	89
19) Methyl tert-butyl Ether	5.795	73	319015	53.944	ug/l #	84
20) Methylene Chloride	5.277	84	101454	54.209	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	83830	49.059	ug/l #	79
22) Diisopropyl ether	6.677	45	378230	58.962	ug/l #	90
23) Vinyl Acetate	6.600	43	1498661	287.532	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	192077	57.528	ug/l	96
25) 2-Butanone	7.483	43	364644	294.185	ug/l	90
26) 2,2-Dichloropropane	7.494	77	137947	44.913	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	110857	55.518	ug/l	87
28) Bromochloromethane	7.818	49	91345	57.563	ug/l #	72
29) Tetrahydrofuran	7.836	42	258762	291.116	ug/l	86
30) Chloroform	7.965	83	180230	54.458	ug/l	98
31) Cyclohexane	8.259	56	158406	48.150	ug/l	87
32) 1,1,1-Trichloroethane	8.165	97	142879	48.411	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	127364	45.442	ug/l	96
37) Ethyl Acetate	7.559	43	160461	52.951	ug/l	95
38) Carbon Tetrachloride	8.359	117	114077	41.644	ug/l	96
39) Methylcyclohexane	9.600	83	145691	42.801	ug/l #	88
40) Benzene	8.606	78	421810	50.134	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	90497	46.802	ug/l	89
42) 1,2-Dichloroethane	8.671	62	140210	44.877	ug/l	98
43) Isopropyl Acetate	8.688	43	333580	58.543	ug/l #	87
44) Trichloroethene	9.353	130	83999	43.302	ug/l	90
45) 1,2-Dichloropropane	9.624	63	116035	52.696	ug/l	95
46) Dibromomethane	9.706	93	70515	46.332	ug/l #	86
47) Bromodichloromethane	9.888	83	145799	45.424	ug/l #	98
48) Methyl methacrylate	9.682	41	128184	47.124	ug/l	90
49) 1,4-Dioxane	9.694	88	40478	979.063	ug/l #	85
51) 4-Methyl-2-Pentanone	10.441	43	849873	264.952	ug/l	95
52) Toluene	10.629	92	250440	49.704	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	160856	46.058	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	168369	46.776	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	97504	49.204	ug/l	93
56) Ethyl methacrylate	10.877	69	180996	47.967	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	175537	49.826	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	471556	274.326	ug/l #	88
59) 2-Hexanone	11.194	43	632826	265.097	ug/l	95
60) Dibromochloromethane	11.359	129	95105	45.313	ug/l	95
61) 1,2-Dibromoethane	11.471	107	90302	47.652	ug/l	98
64) Tetrachloroethene	11.106	164	69091	38.319	ug/l	89
65) Chlorobenzene	11.894	112	264068	48.709	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	83449	47.363	ug/l	93
67) Ethyl Benzene	11.965	91	476258	47.237	ug/l	98
68) m/p-Xylenes	12.071	106	352868	98.120	ug/l	96
69) o-Xylene	12.400	106	167513	47.710	ug/l	90
70) Styrene	12.412	104	295385	48.633	ug/l	97
71) Bromoform	12.582	173	56722	40.950	ug/l #	99
73) Isopropylbenzene	12.694	105	441184	48.587	ug/l	97
74) N-amyl acetate	12.494	43	267018	52.818	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	143080	52.472	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	128870m	48.667	ug/l	
77) Bromobenzene	12.982	156	85392	44.940	ug/l	60
78) n-propylbenzene	13.035	91	541114	49.060	ug/l	96
79) 2-Chlorotoluene	13.129	91	320266	45.639	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	352786	45.913	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	60279	46.646	ug/l #	94
82) 4-Chlorotoluene	13.223	91	320874	47.098	ug/l	93
83) tert-Butylbenzene	13.441	119	304853	47.642	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	363588	47.383	ug/l	96
85) sec-Butylbenzene	13.618	105	448225	49.729	ug/l	96
86) p-Isopropyltoluene	13.729	119	348015	48.087	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	166259	46.893	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	164766	47.192	ug/l	95
89) n-Butylbenzene	14.059	91	338807	50.295	ug/l	96
90) Hexachloroethane	14.335	117	64412	45.243	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	160298	47.163	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28692	43.220	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	81607	42.917	ug/l	99
94) Hexachlorobutadiene	15.500	225	28319	40.406	ug/l	92
95) Naphthalene	15.641	128	342919	47.726	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	85131	46.631	ug/l	97

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Instrument :
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QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

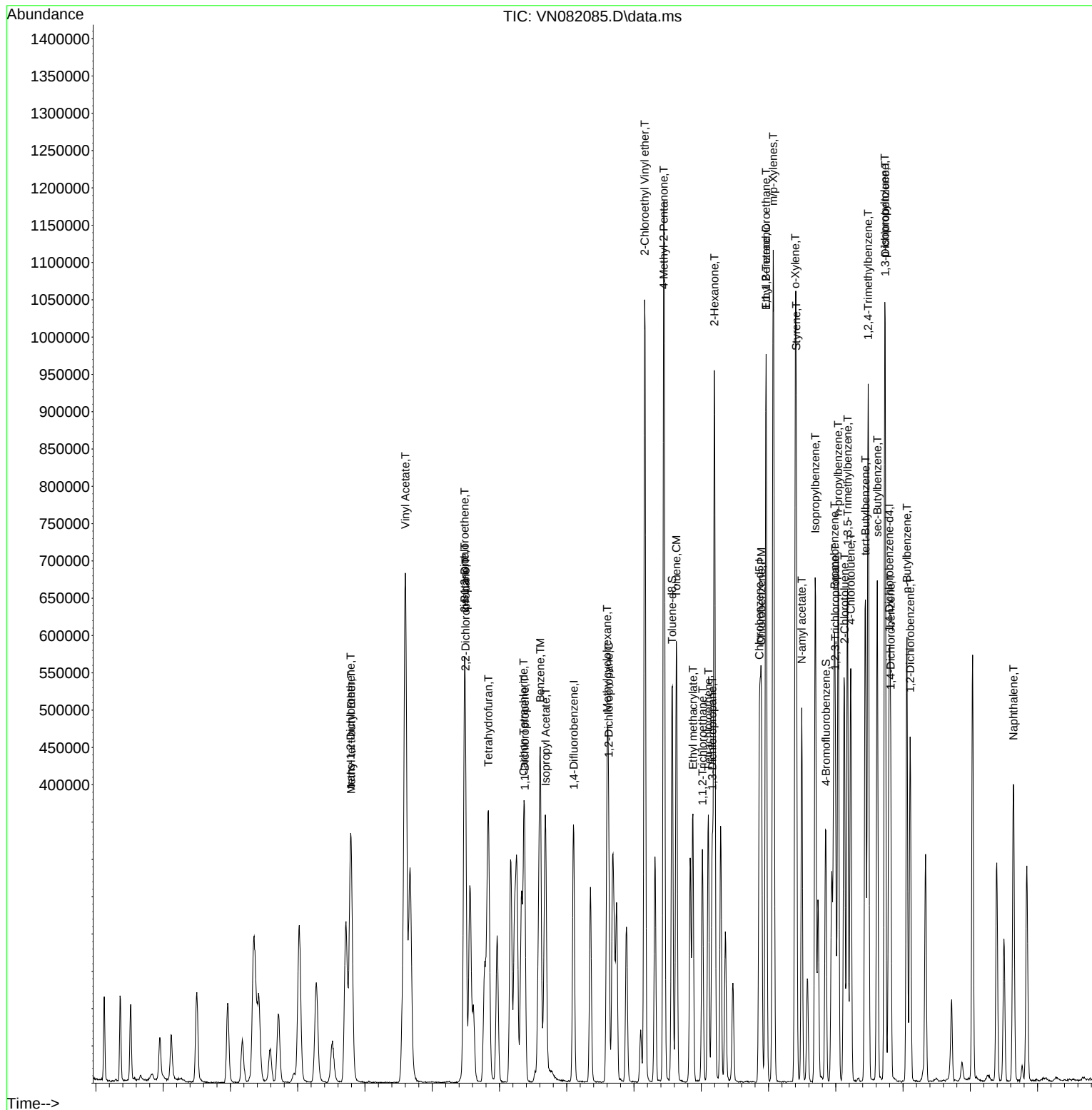
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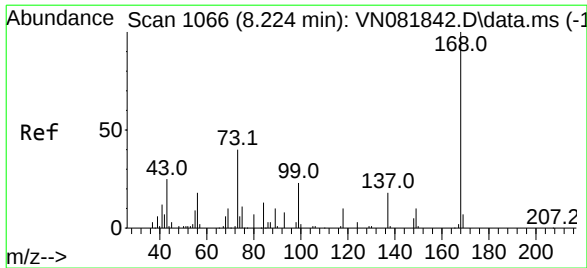
Instrument :
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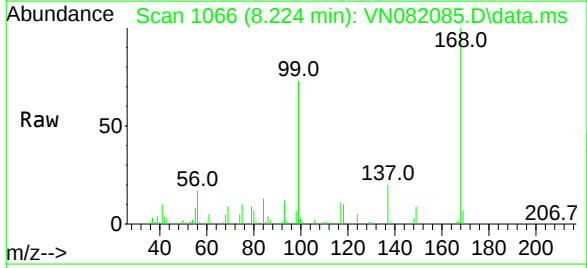
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN082085.D
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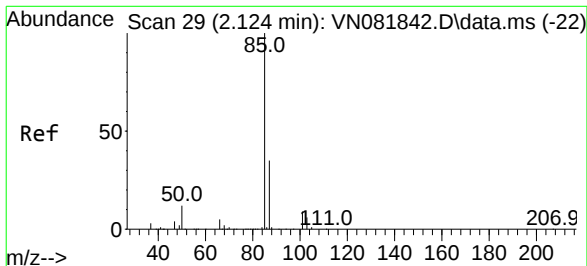
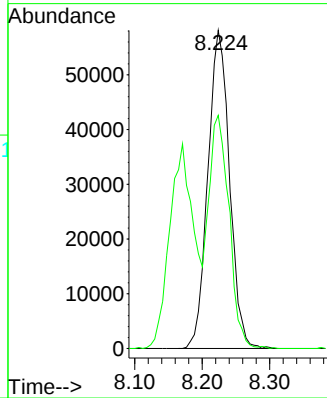
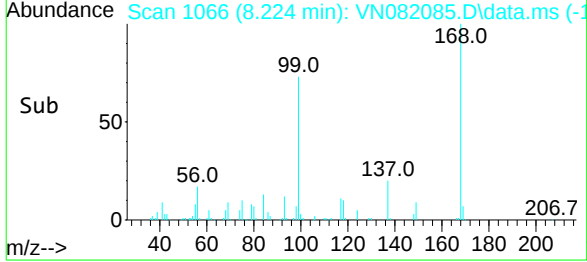
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 129396
Ion Ratio Lower Upper
168 100
99 73.3 48.2 72.4

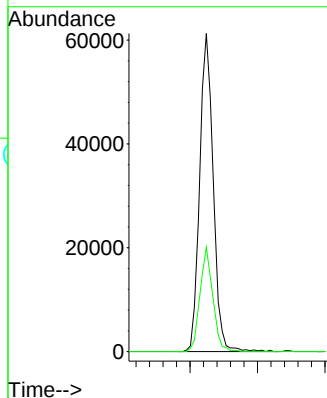
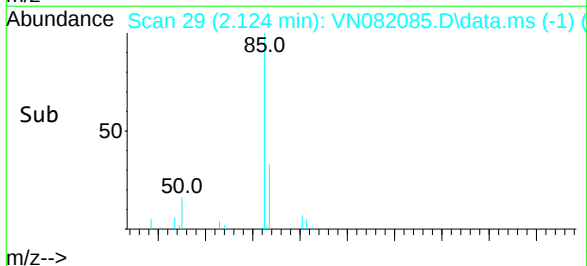
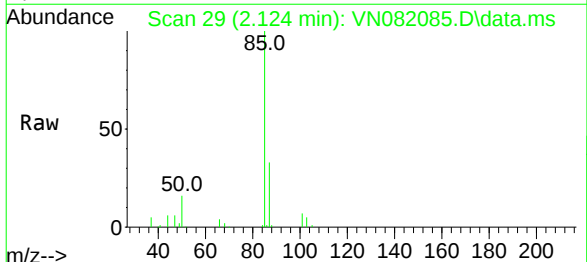
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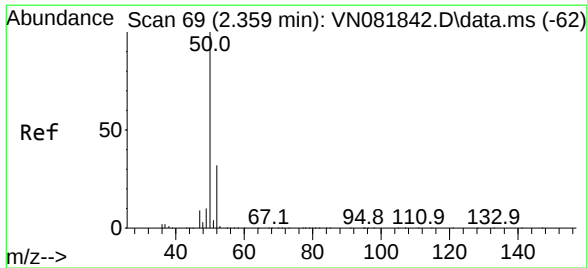
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#2
Dichlorodifluoromethane
Concen: 47.098 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 85 Resp: 85549
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4





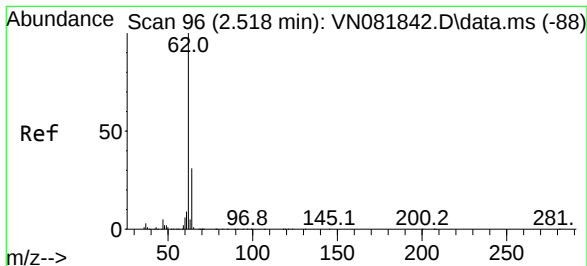
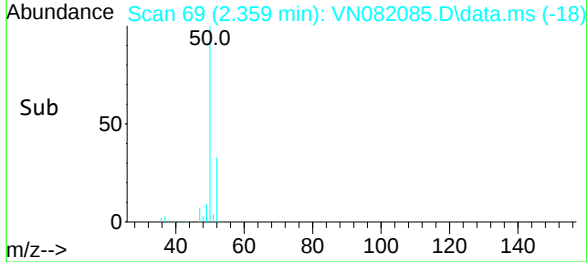
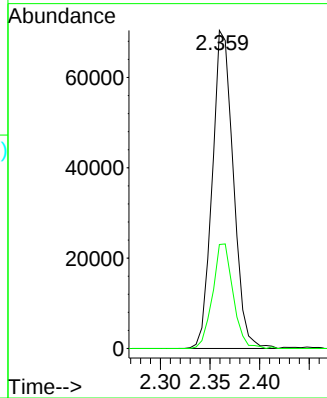
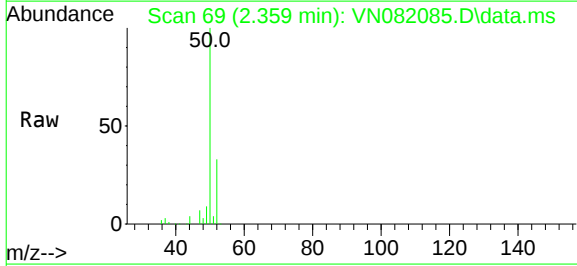
#3
Chloromethane
Concen: 54.765 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 103776
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

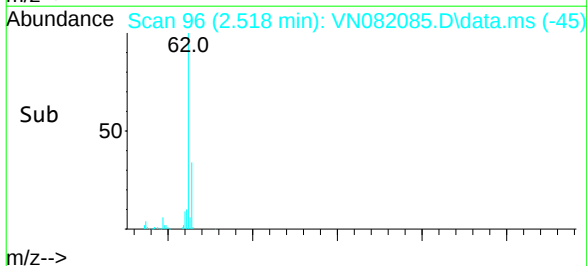
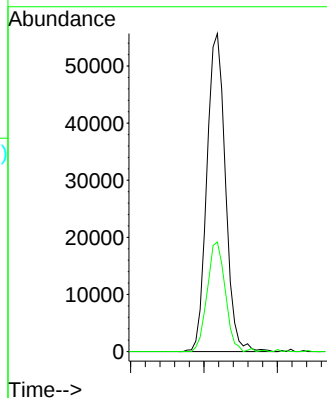
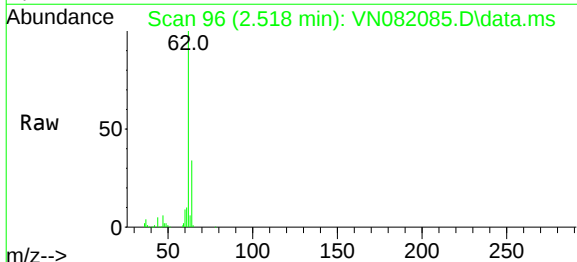
Manual Integrations
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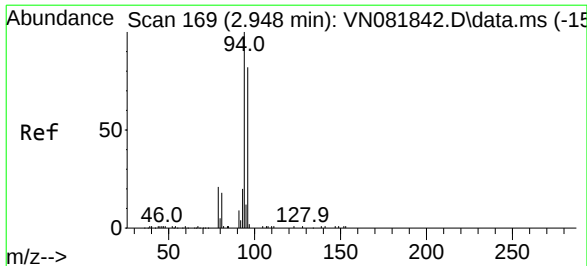
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#4
Vinyl Chloride
Concen: 56.818 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 62 Resp: 97460
Ion Ratio Lower Upper
62 100
64 34.5 24.6 37.0





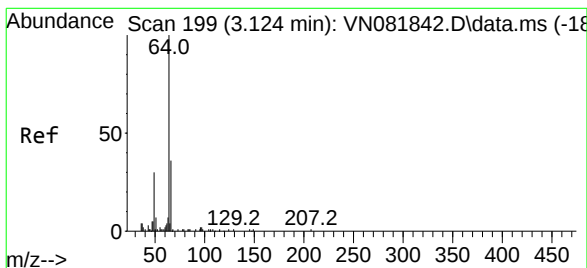
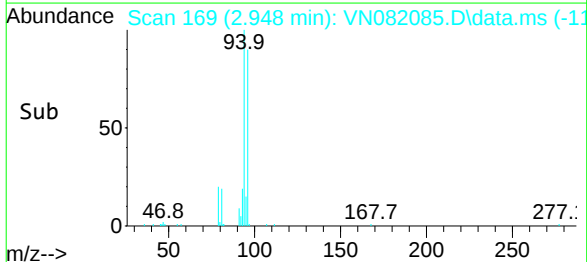
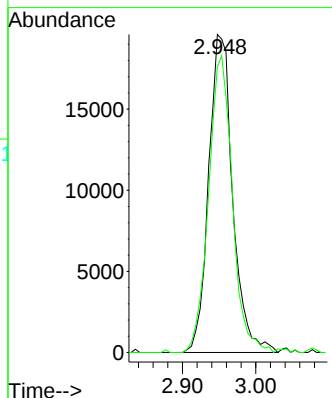
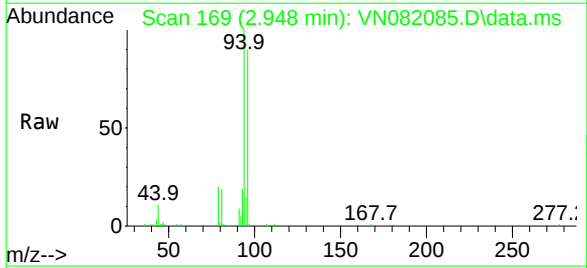
#5
Bromomethane
Concen: 62.493 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 44671
Ion Ratio Lower Upper
94 100
96 89.8 74.8 112.2

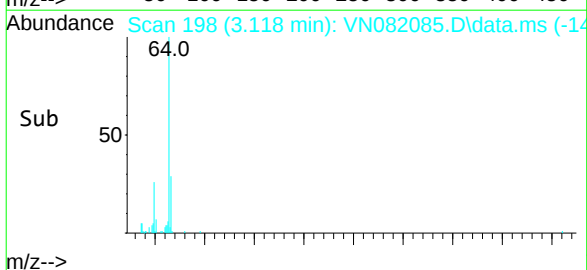
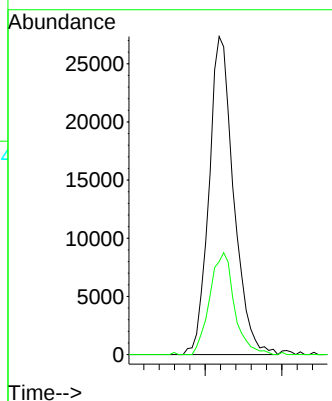
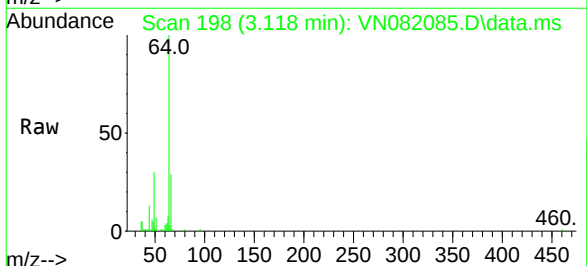
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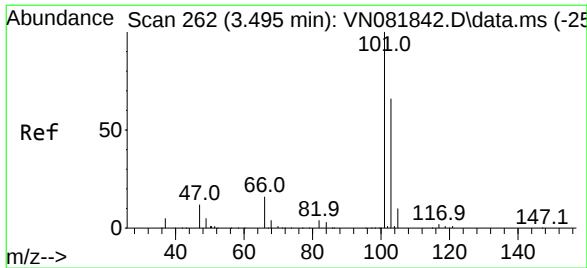
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#6
Chloroethane
Concen: 70.472 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 64 Resp: 61096
Ion Ratio Lower Upper
64 100
66 29.2 24.7 37.1





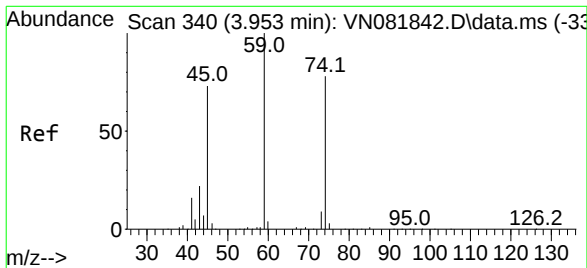
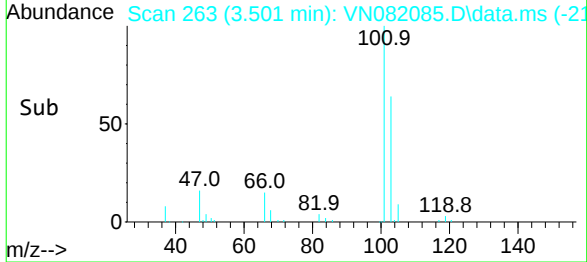
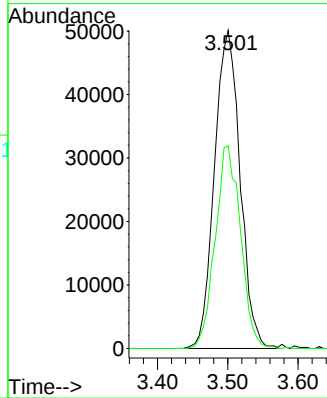
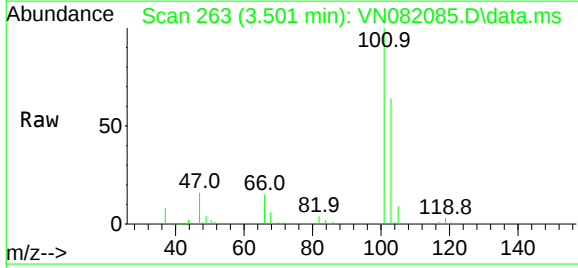
#7
 Trichlorofluoromethane
 Concen: 47.878 ug/l
 RT: 3.501 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VN082085.D
 Acq: 10 May 2024 21:20

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 127041
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.6 75.8

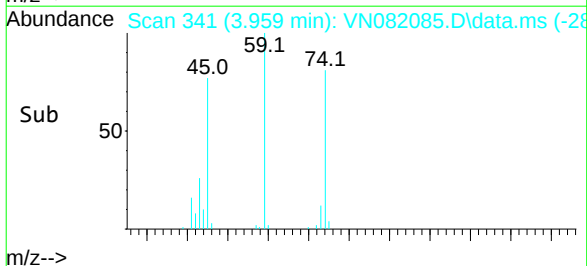
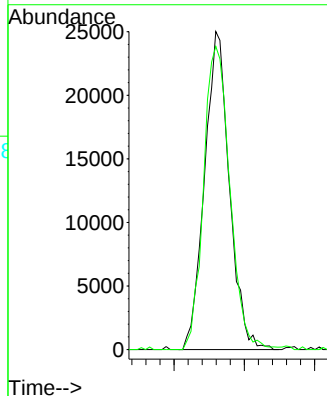
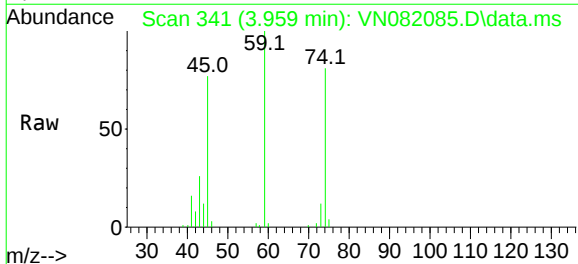
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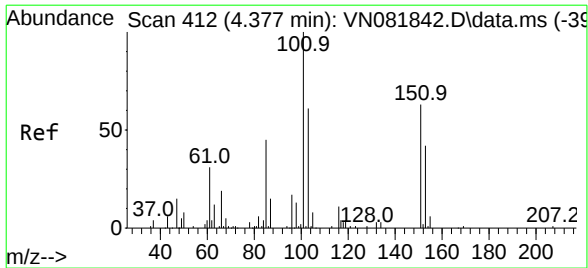
Reviewed By :John Carlone 05/13/2024
 Supervised By :Mahesh Dadoda 05/13/2024



#8
 Diethyl Ether
 Concen: 54.376 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN082085.D
 Acq: 10 May 2024 21:20

Tgt Ion: 74 Resp: 61290
 Ion Ratio Lower Upper
 74 100
 45 101.1 42.4 127.3





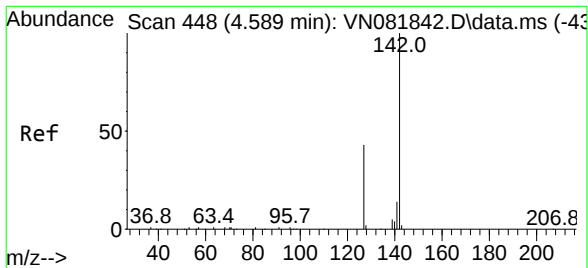
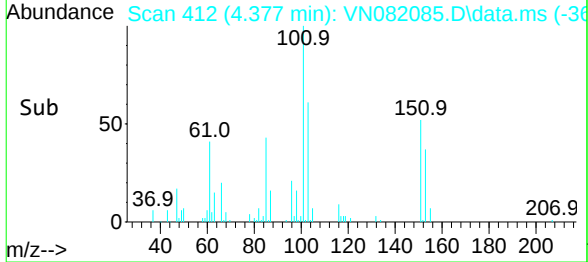
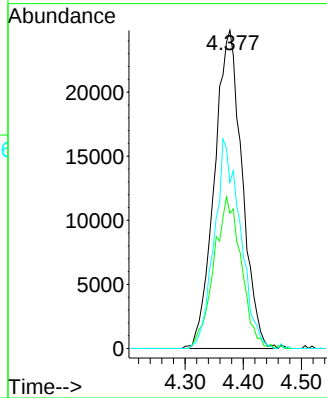
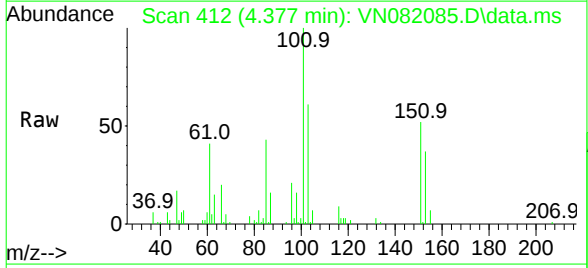
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.104 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 81807
Ion Ratio Lower Upper
101 100
85 47.3 37.3 55.9
151 62.0 59.2 88.8

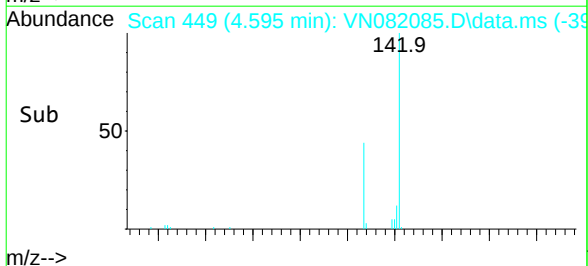
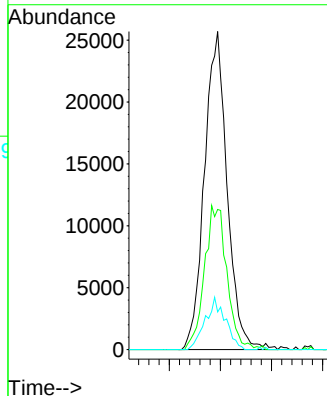
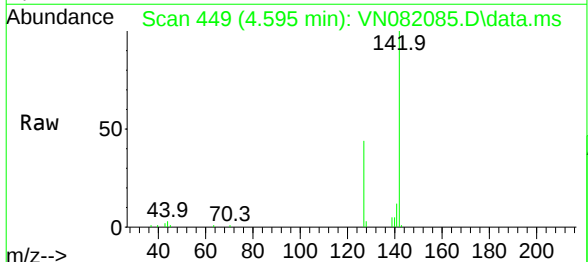
Manual Integrations
APPROVED

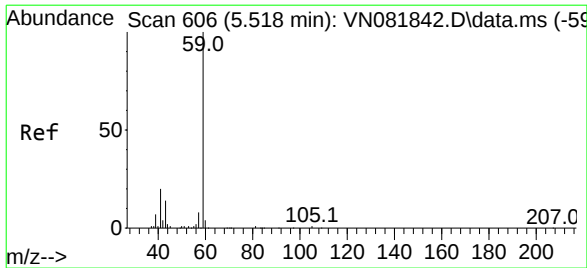
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#10
Methyl Iodide
Concen: 58.733 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

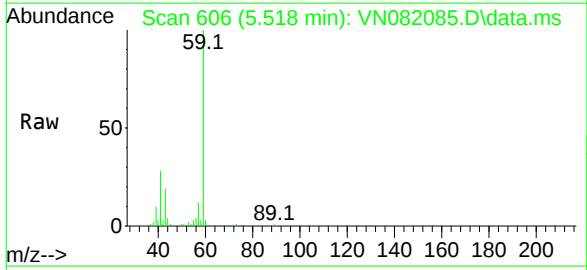
Tgt Ion:142 Resp: 79248
Ion Ratio Lower Upper
142 100
127 44.0 35.8 53.6
141 11.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 245.052 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

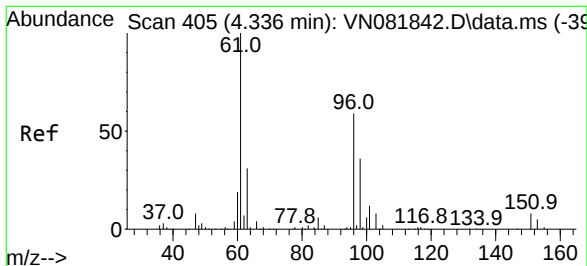
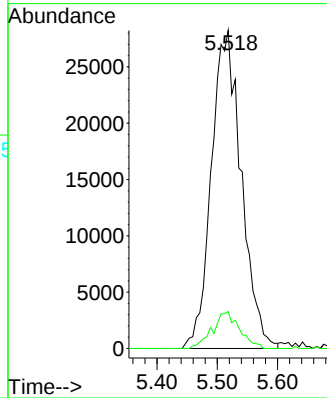
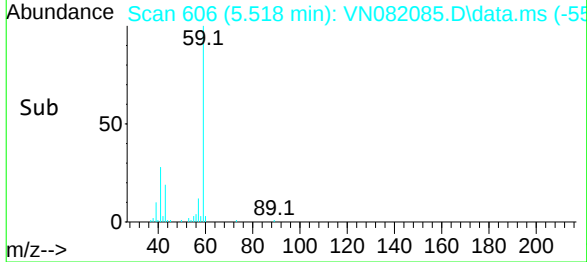
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



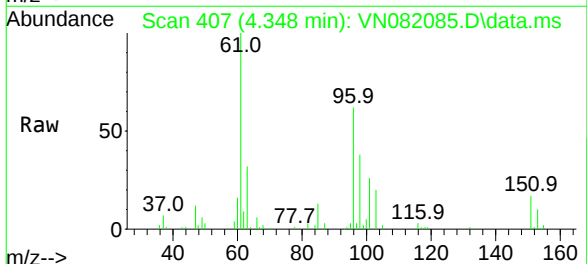
Tgt Ion: 59 Resp: 97287
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

Manual Integrations
APPROVED

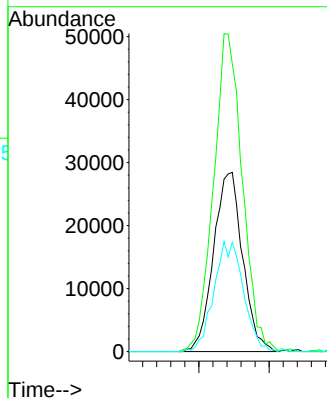
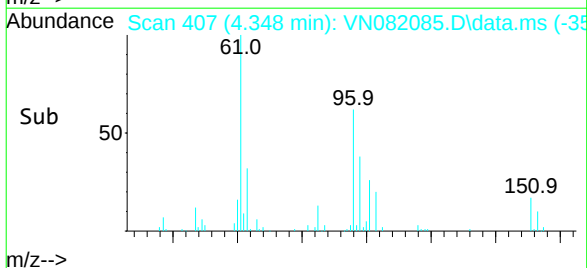
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

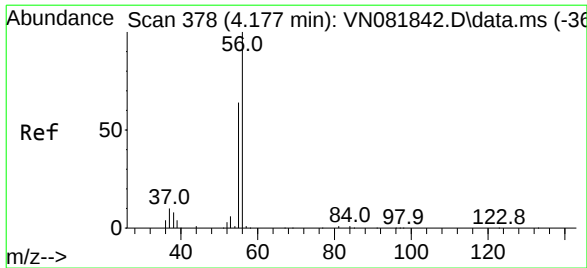


#12
1,1-Dichloroethene
Concen: 52.175 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20



Tgt Ion: 96 Resp: 81770
Ion Ratio Lower Upper
96 100
61 160.5 119.7 179.5
98 61.1 49.6 74.4





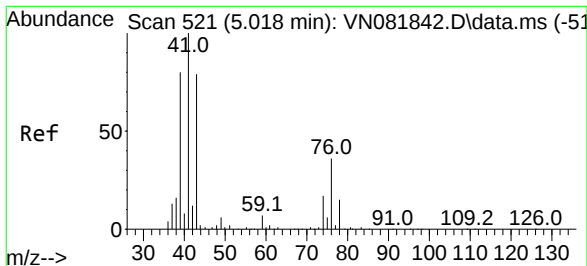
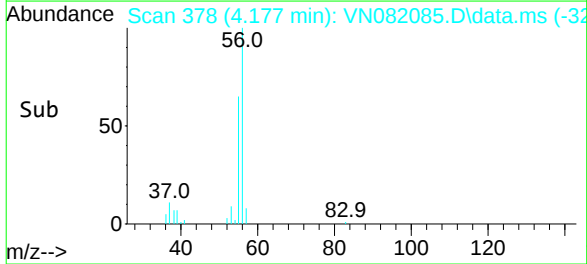
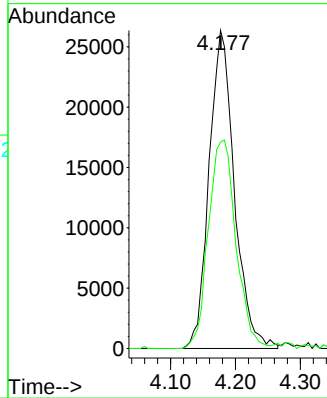
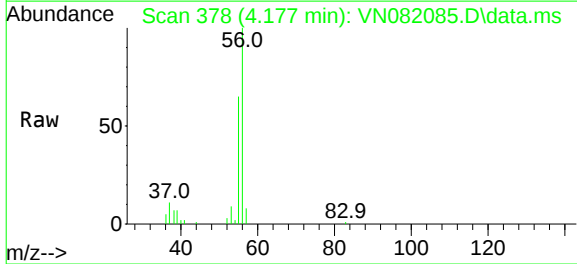
#13
Acrolein
Concen: 229.850 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 71369
Ion Ratio Lower Upper
56 100
55 71.4 55.8 83.8

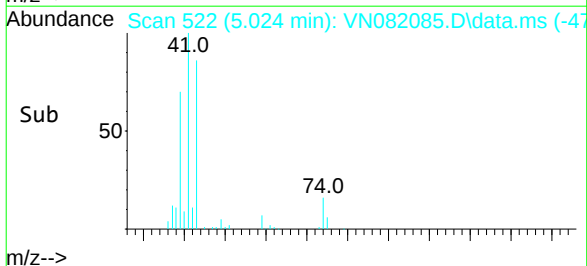
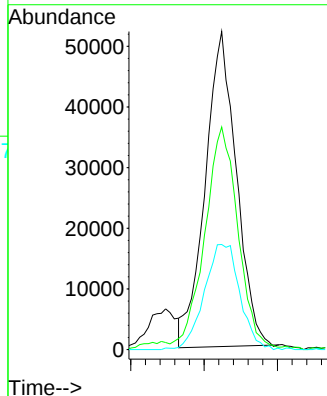
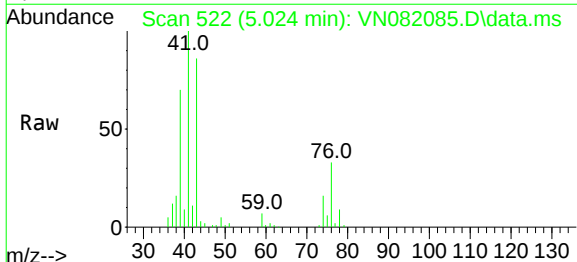
Manual Integrations
APPROVED

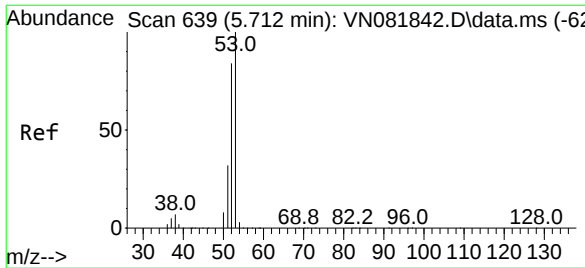
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#14
Allyl chloride
Concen: 46.264 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 41 Resp: 153368
Ion Ratio Lower Upper
41 100
39 75.8 65.4 98.0
76 38.0 37.3 55.9





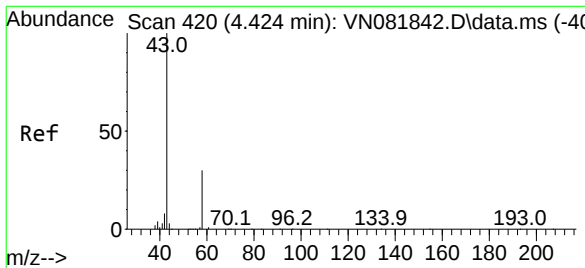
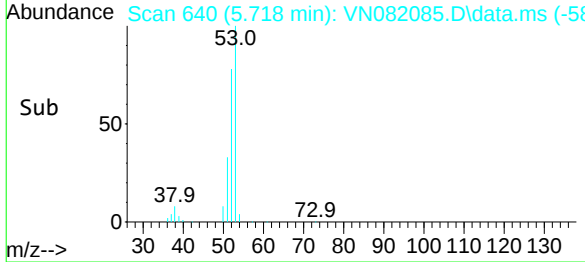
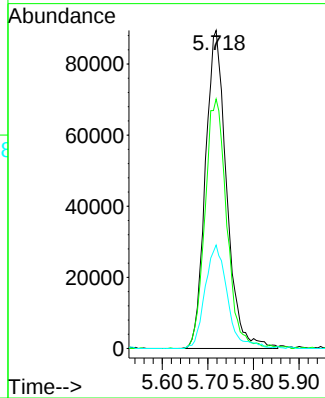
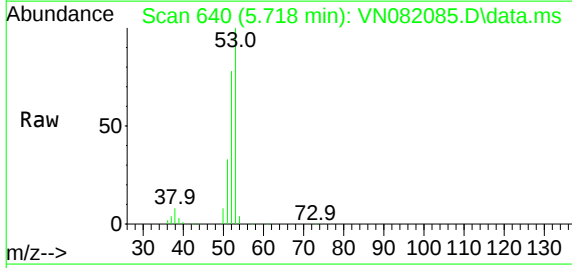
#15
Acrylonitrile
Concen: 303.031 ug/l
RT: 5.718 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.2	66.1	99.1
51	34.3	29.4	44.2

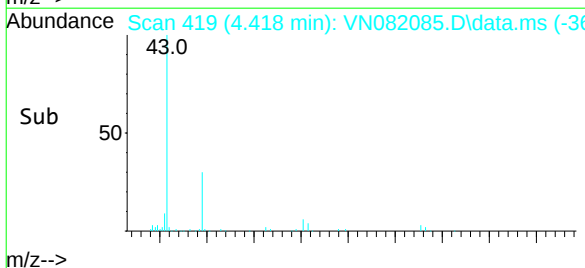
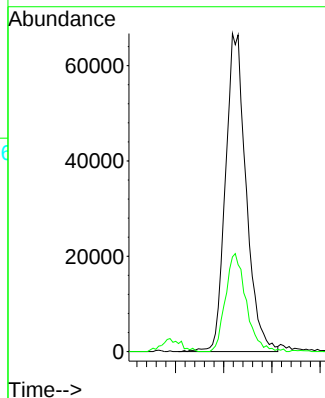
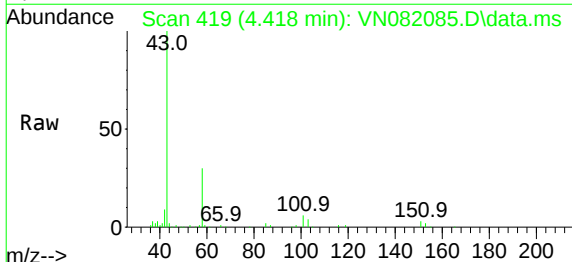
Manual Integrations
APPROVED

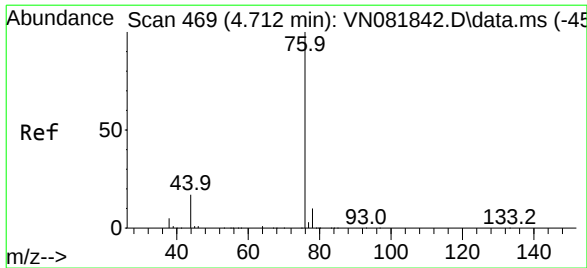
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#16
Acetone
Concen: 308.457 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

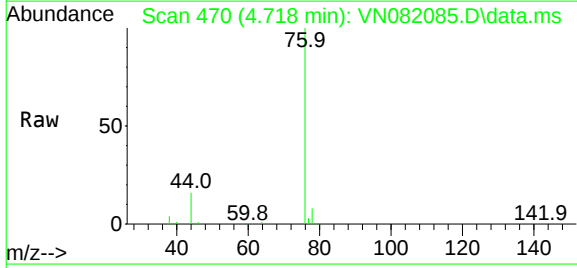
Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.1	25.2	37.8





#17
Carbon Disulfide
Concen: 43.220 ug/l
RT: 4.718 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

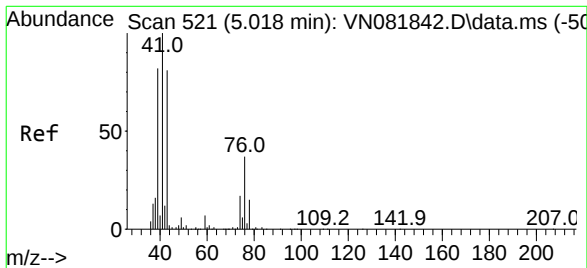
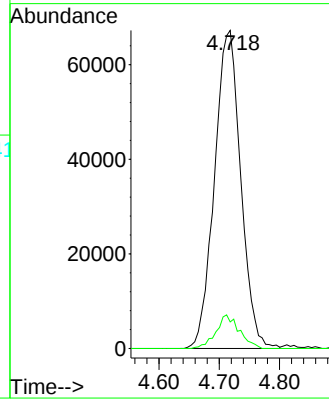
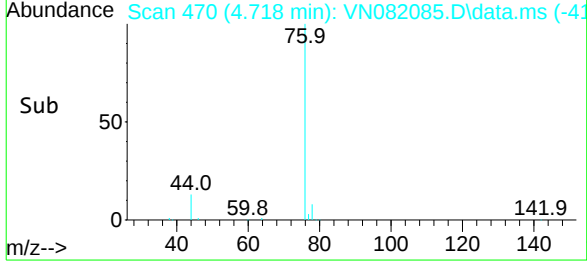
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 203586
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

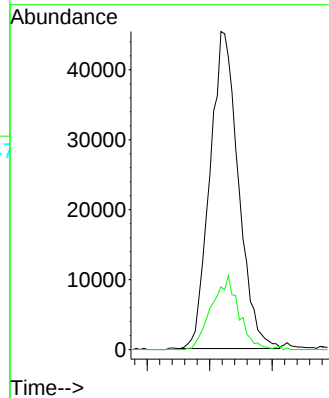
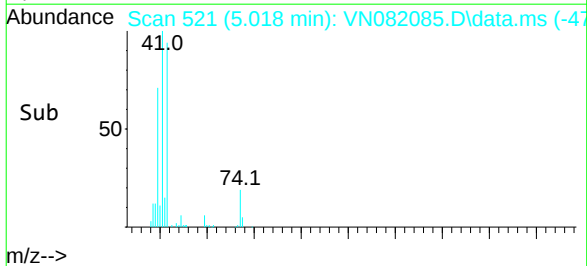
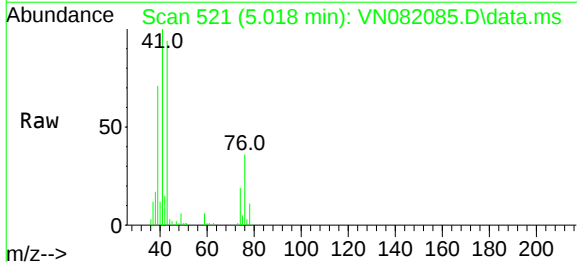
Manual Integrations
APPROVED

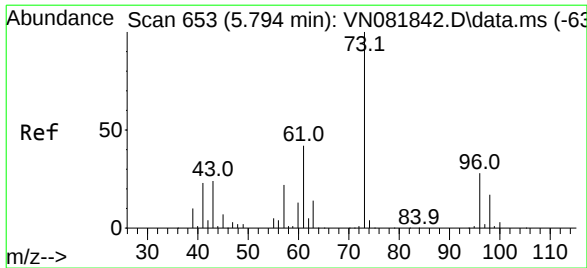
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#18
Methyl Acetate
Concen: 64.931 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 43 Resp: 143629
Ion Ratio Lower Upper
43 100
74 22.2 22.2 33.2





#19

Methyl tert-butyl Ether

Concen: 53.944 ug/l

RT: 5.795 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 319015

Ion Ratio Lower Upper

73 100

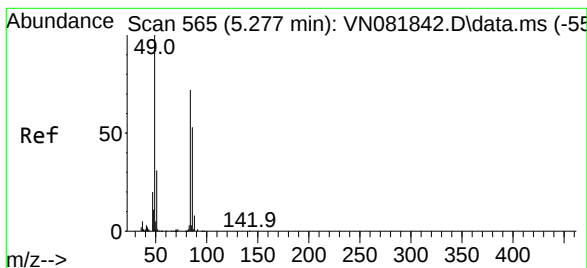
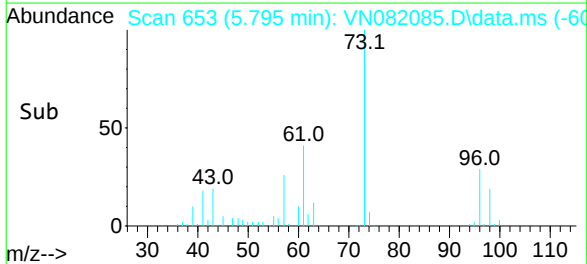
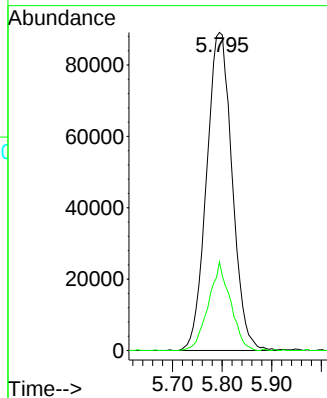
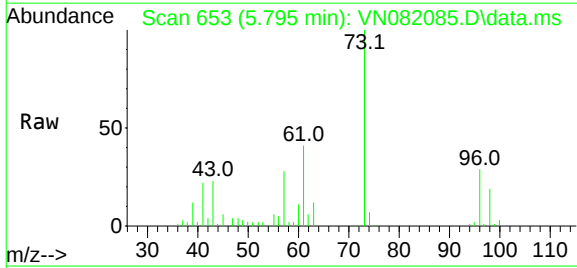
57 27.9 16.5 24.7#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#20

Methylene Chloride

Concen: 54.209 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Tgt Ion: 84 Resp: 101454

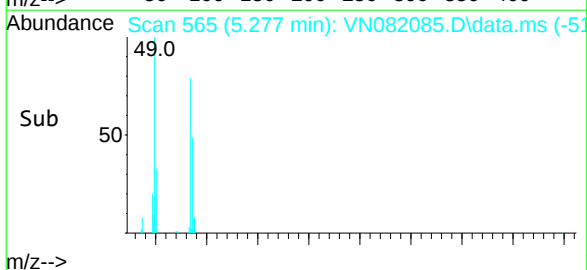
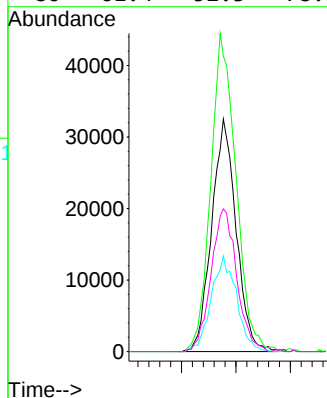
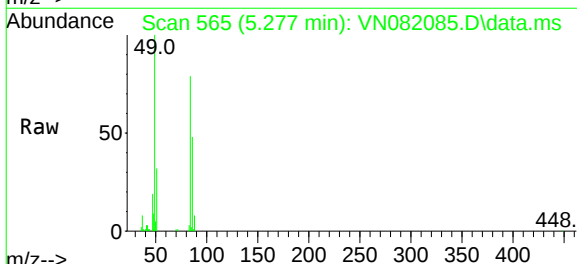
Ion Ratio Lower Upper

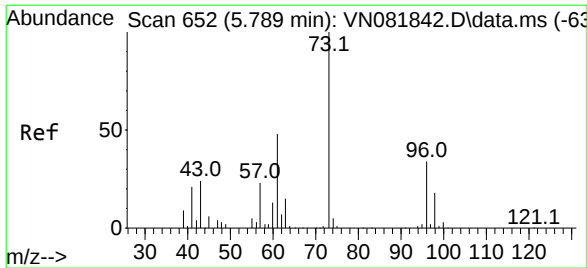
84 100

49 127.2 84.9 127.3

51 41.1 27.0 40.6#

86 61.4 52.3 78.5





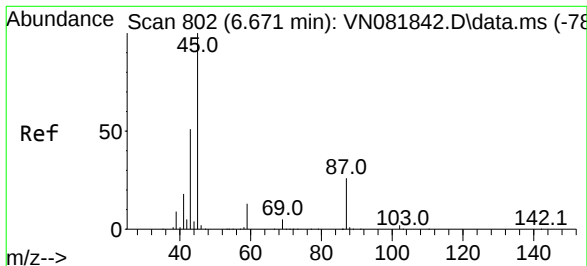
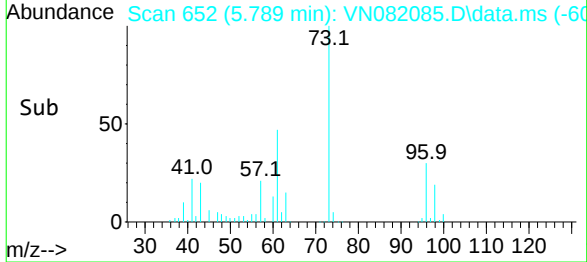
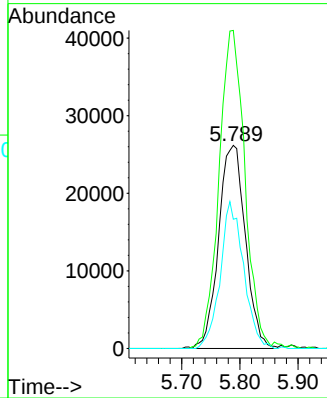
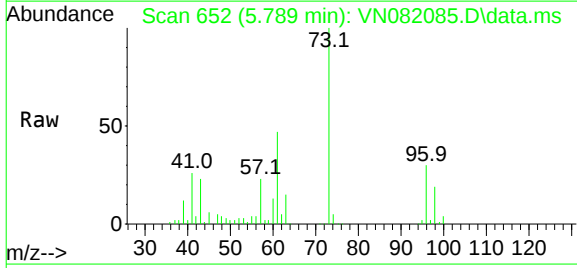
#21
trans-1,2-Dichloroethene
Concen: 49.059 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	96.5	144.7#
98	63.6	51.3	76.9

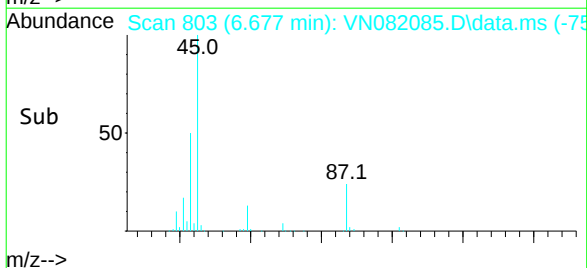
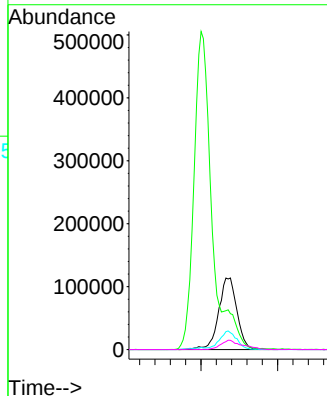
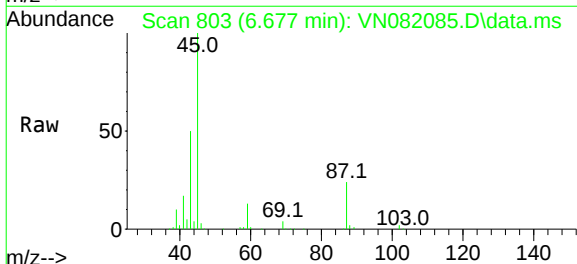
Manual Integrations
APPROVED

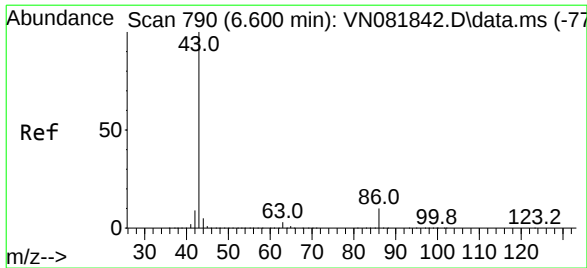
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#22
Diisopropyl ether
Concen: 58.962 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion	Ratio	Lower	Upper
45	100		
43	49.7	44.1	66.1
87	23.5	27.0	40.6#
59	12.9	9.6	14.4





#23

Vinyl Acetate

Concen: 287.532 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1498661

Ion Ratio Lower Upper

43 100

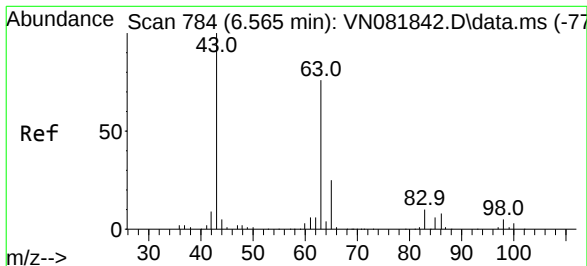
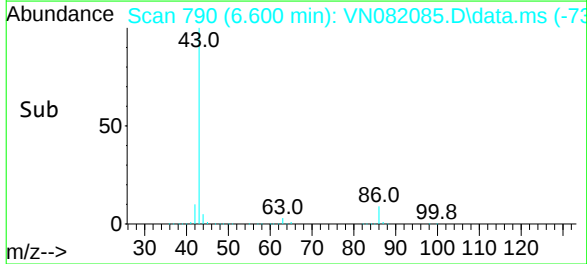
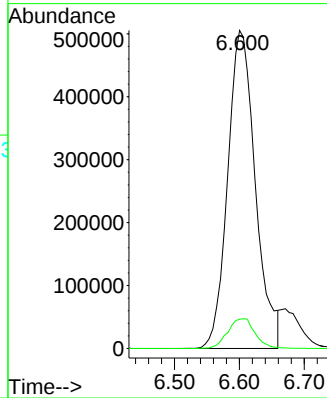
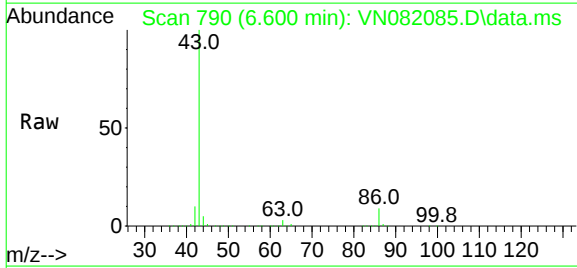
86 9.2 10.2 15.4#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#24

1,1-Dichloroethane

Concen: 57.528 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

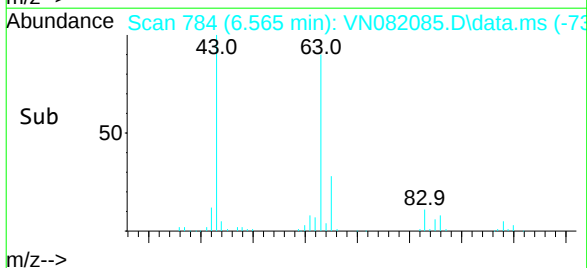
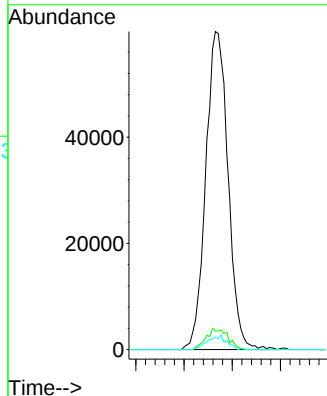
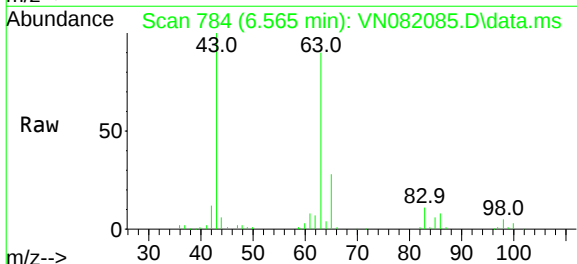
Tgt Ion: 63 Resp: 192077

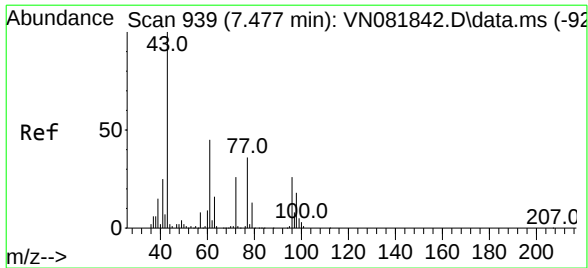
Ion Ratio Lower Upper

63 100

98 5.9 3.6 10.9

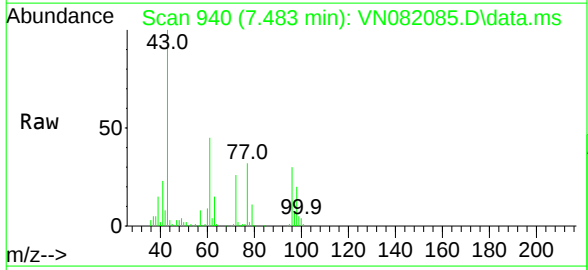
100 3.8 2.6 7.8





#25
2-Butanone
Concen: 294.185 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

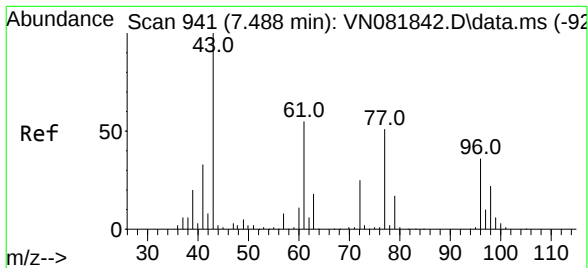
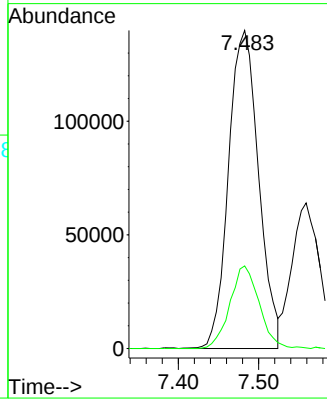
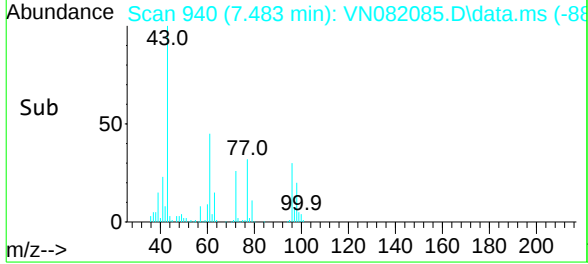
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 364644
Ion Ratio Lower Upper
43 100
72 26.0 25.3 37.9

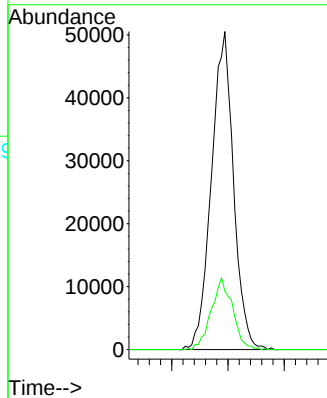
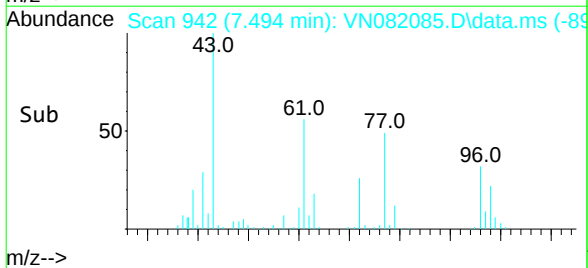
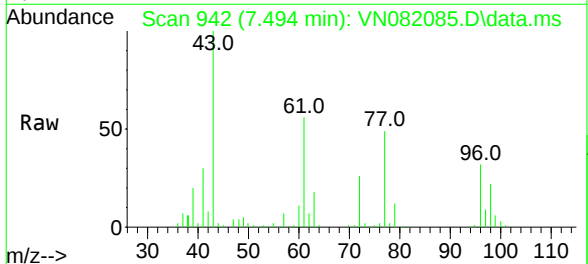
Manual Integrations
APPROVED

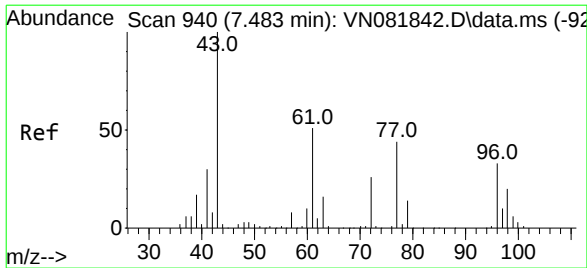
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#26
2,2-Dichloropropane
Concen: 44.913 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

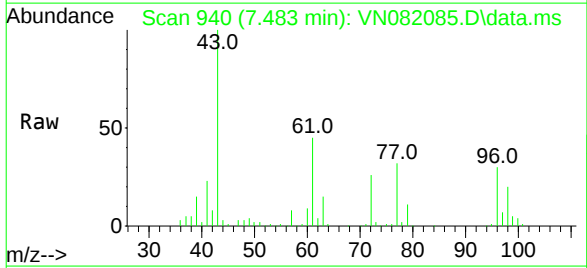
Tgt Ion: 77 Resp: 137947
Ion Ratio Lower Upper
77 100
97 21.8 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 55.518 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

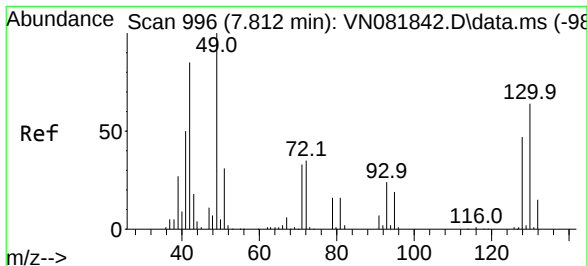
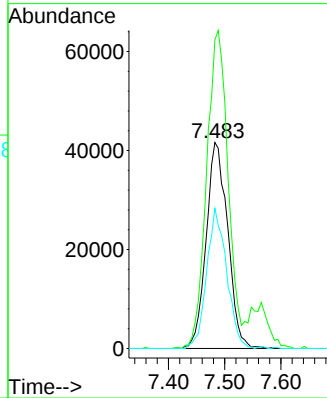
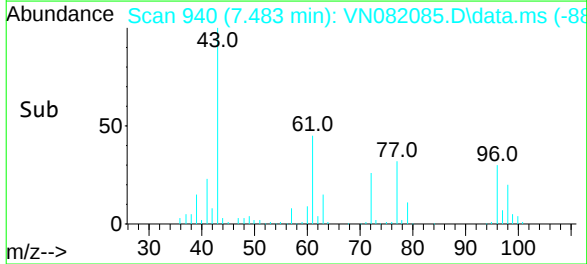
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 110857
Ion Ratio Lower Upper
96 100
61 156.3 0.0 268.0
98 63.1 0.0 126.8

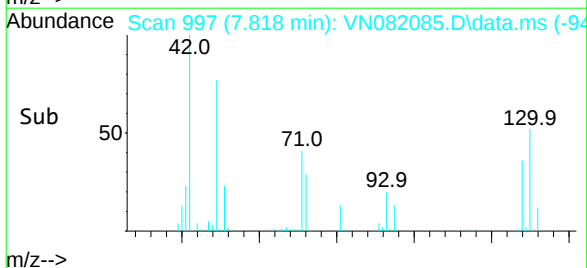
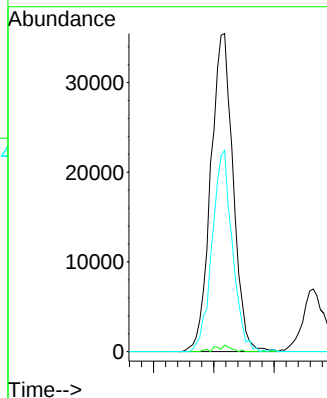
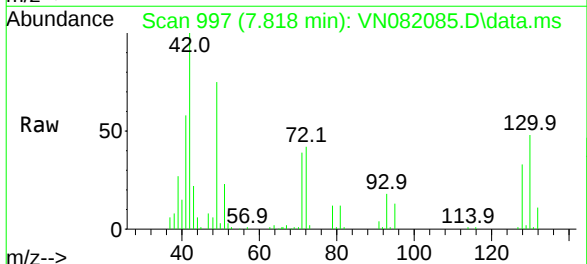
Manual Integrations
APPROVED

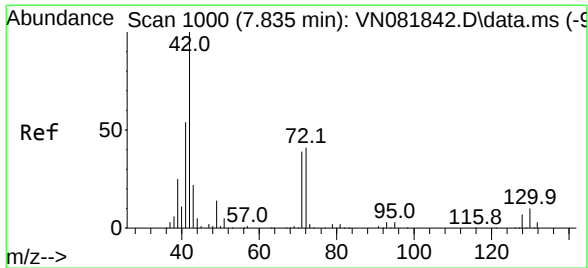
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#28
Bromochloromethane
Concen: 57.563 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 49 Resp: 91345
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.6
130 57.5 66.7 100.1#





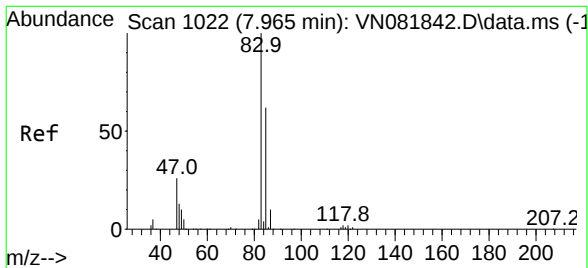
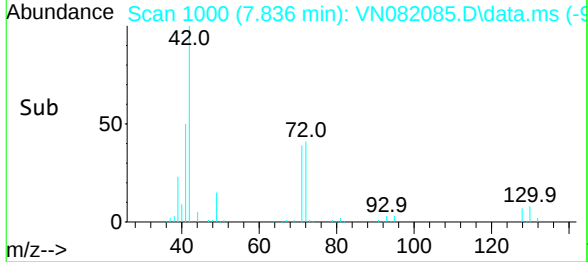
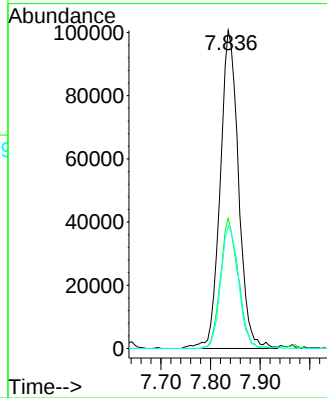
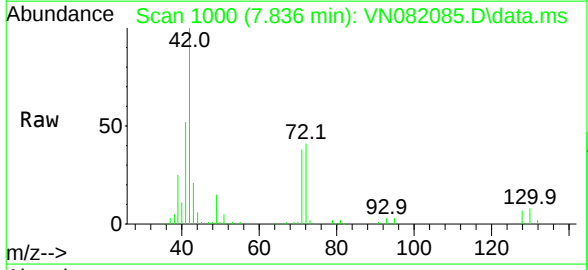
#29
Tetrahydrofuran
Concen: 291.116 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 258762
Ion Ratio Lower Upper
42 100
72 39.6 39.3 58.9
71 37.5 37.4 56.0

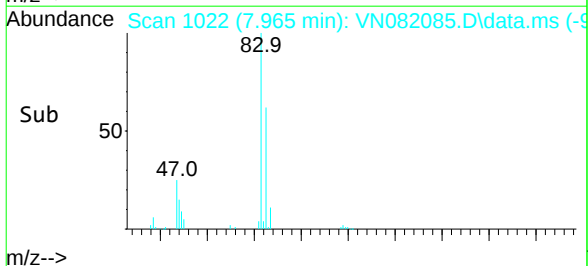
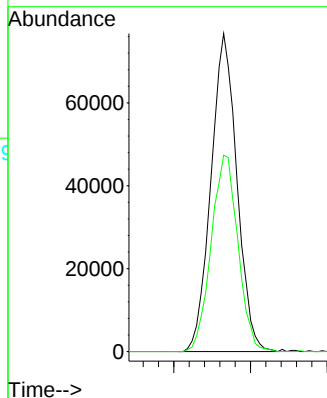
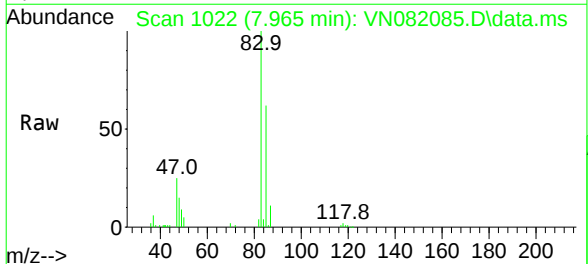
Manual Integrations
APPROVED

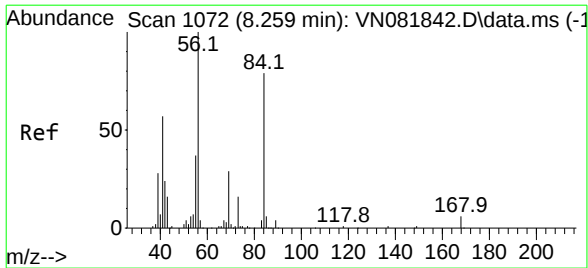
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#30
Chloroform
Concen: 54.458 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

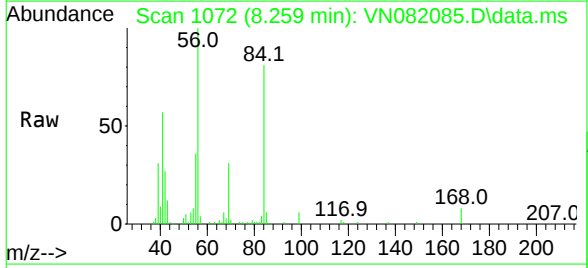
Tgt Ion: 83 Resp: 180230
Ion Ratio Lower Upper
83 100
85 61.7 50.7 76.1





#31
Cyclohexane
Concen: 48.150 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

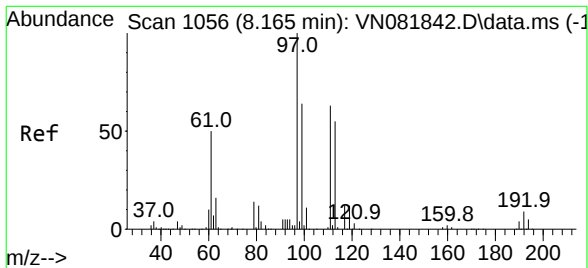
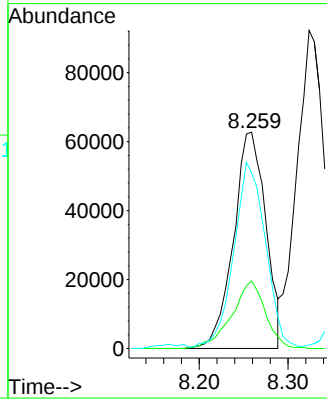
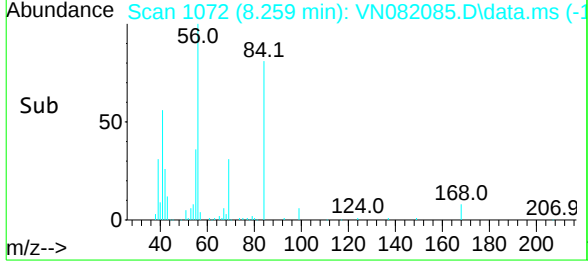
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 158406
Ion Ratio Lower Upper
56 100
69 30.7 24.4 36.6
84 79.9 77.0 115.4

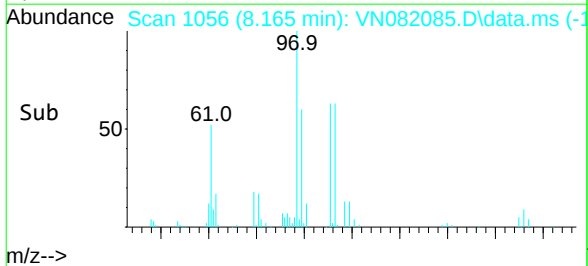
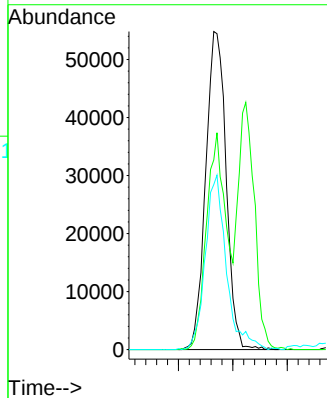
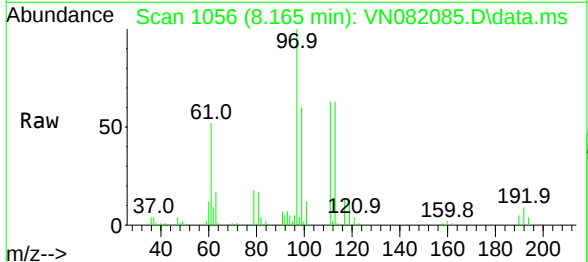
Manual Integrations
APPROVED

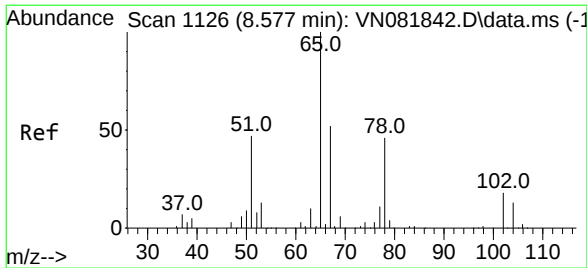
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#32
1,1,1-Trichloroethane
Concen: 48.411 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 97 Resp: 142879
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 56.5 36.6 55.0#





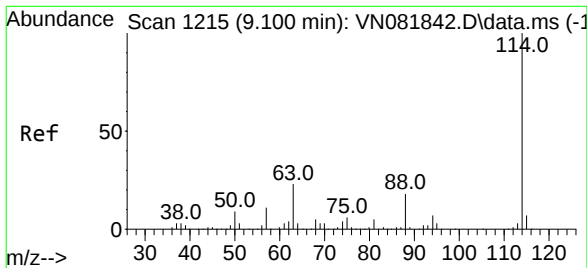
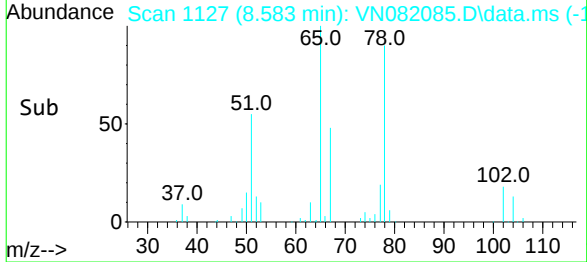
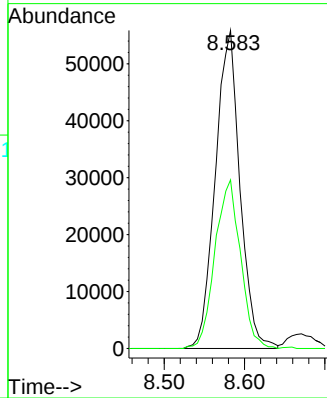
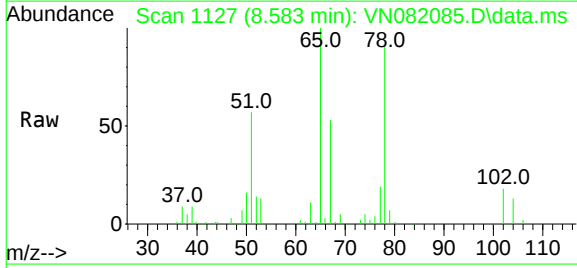
#33
1,2-Dichloroethane-d4
Concen: 54.505 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 119031
Ion Ratio Lower Upper
65 100
67 54.8 0.0 103.0

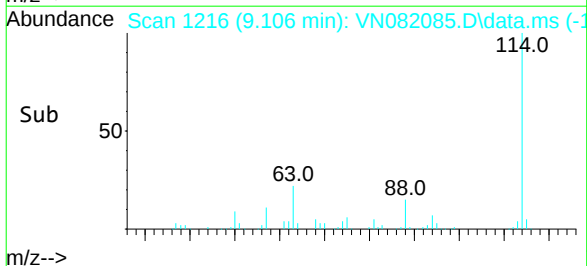
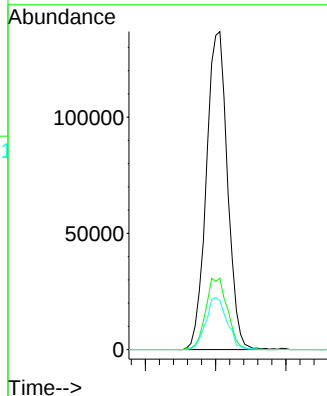
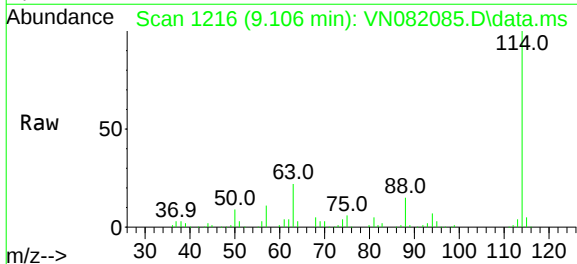
Manual Integrations
APPROVED

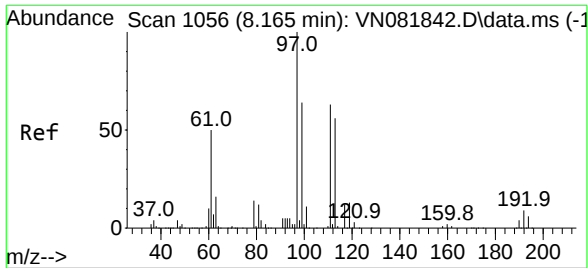
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion:114 Resp: 286138
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.0
88 15.4 0.0 31.4





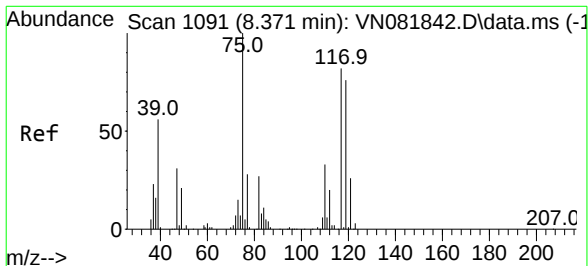
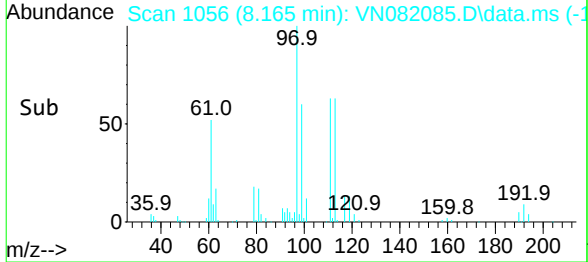
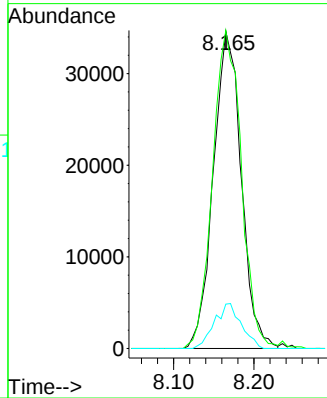
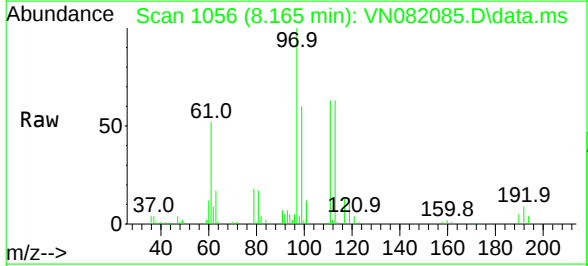
#35
Dibromofluoromethane
Concen: 48.385 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 83357
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.2
192 13.7 14.0 21.0#

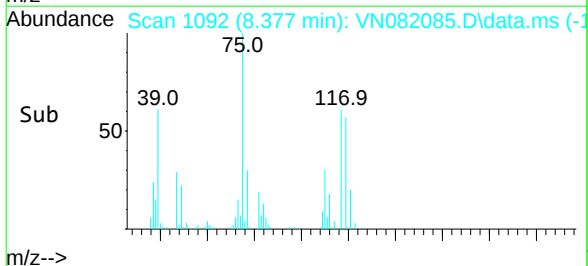
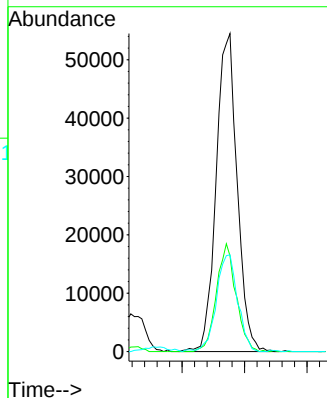
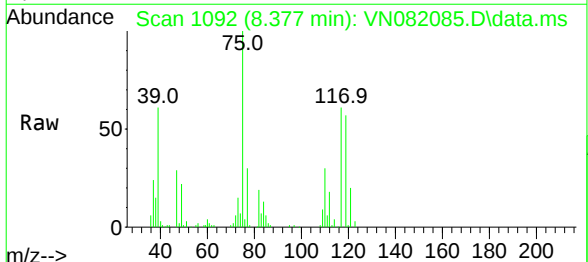
Manual Integrations
APPROVED

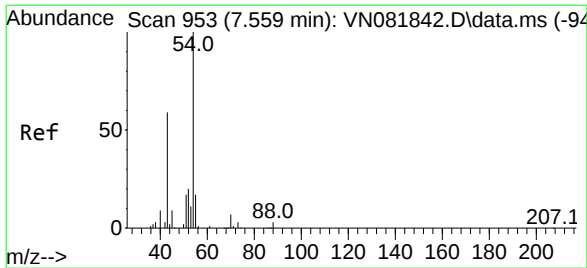
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#36
1,1-Dichloropropene
Concen: 45.442 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

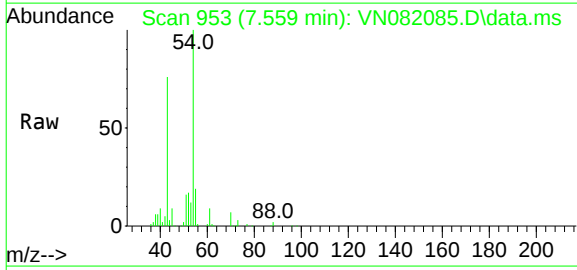
Tgt Ion: 75 Resp: 127364
Ion Ratio Lower Upper
75 100
110 31.6 17.8 53.5
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 52.951 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

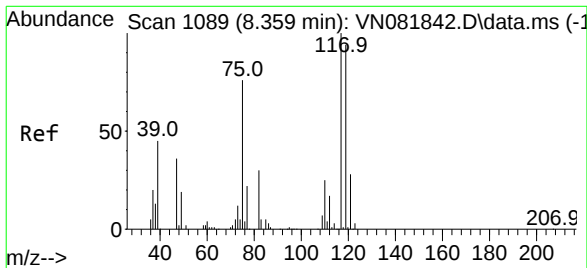
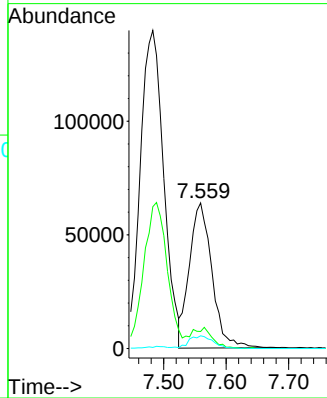
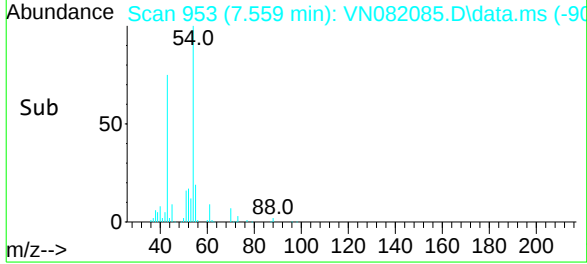
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



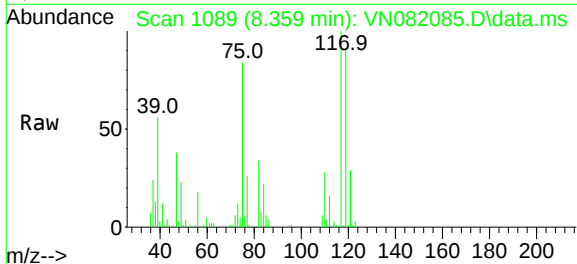
Tgt Ion: 43 Resp: 160461
Ion Ratio Lower Upper
43 100
61 11.8 11.3 16.9
70 9.4 8.7 13.1

Manual Integrations
APPROVED

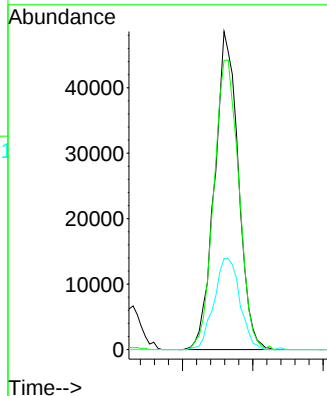
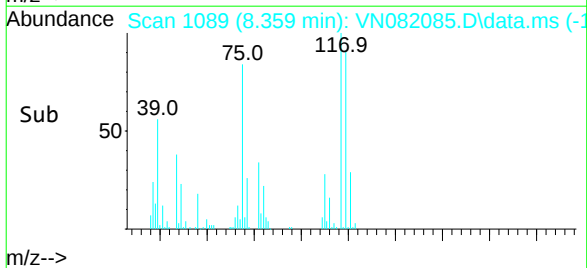
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

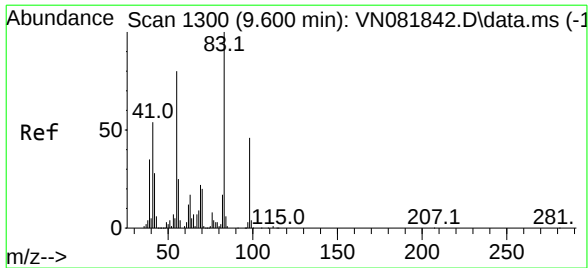


#38
Carbon Tetrachloride
Concen: 41.644 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20



Tgt Ion:117 Resp: 114077
Ion Ratio Lower Upper
117 100
119 90.9 76.5 114.7
121 28.6 23.9 35.9





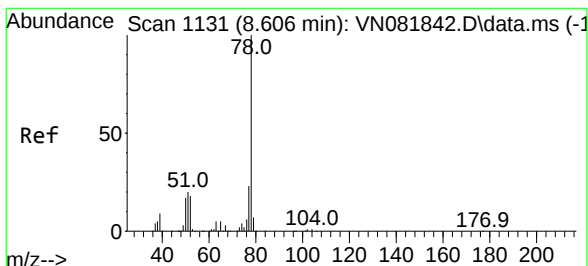
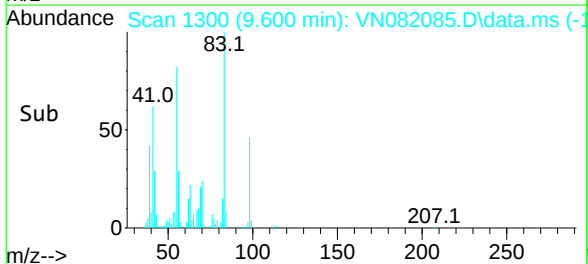
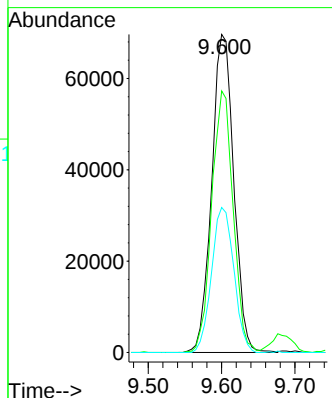
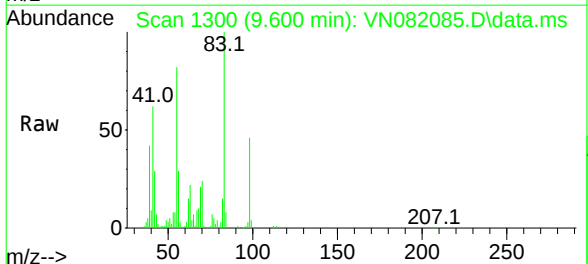
#39
Methylcyclohexane
Concen: 42.801 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 145691
Ion Ratio Lower Upper
83 100
55 82.2 53.0 79.6#
98 45.6 37.1 55.7

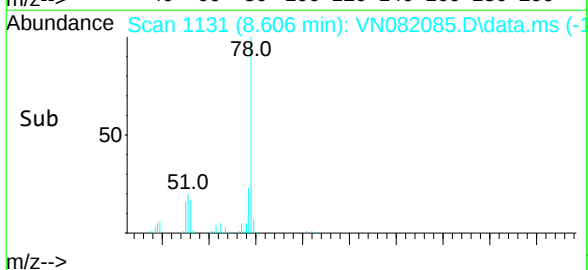
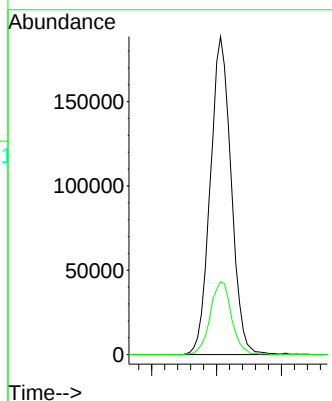
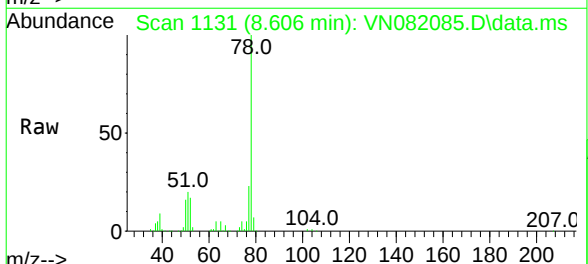
Manual Integrations
APPROVED

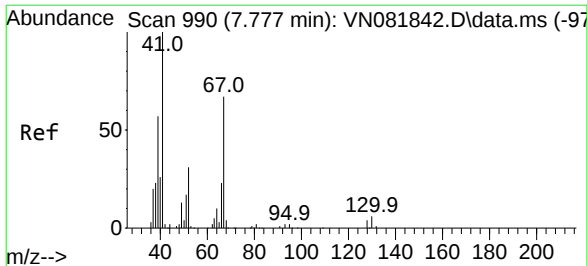
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#40
Benzene
Concen: 50.134 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 78 Resp: 421810
Ion Ratio Lower Upper
78 100
77 22.9 20.0 30.0





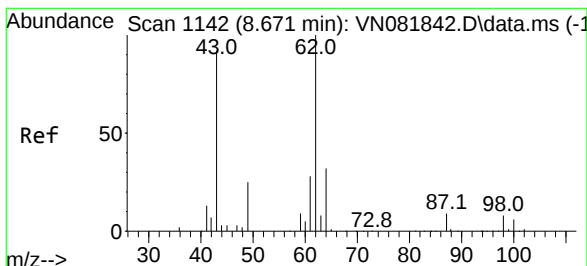
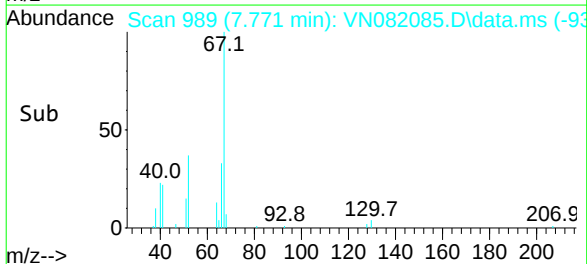
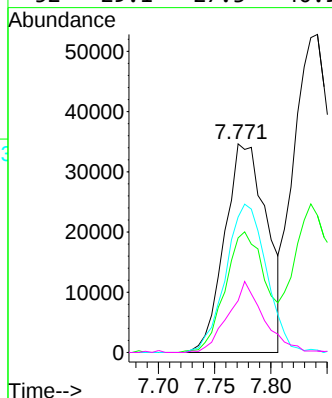
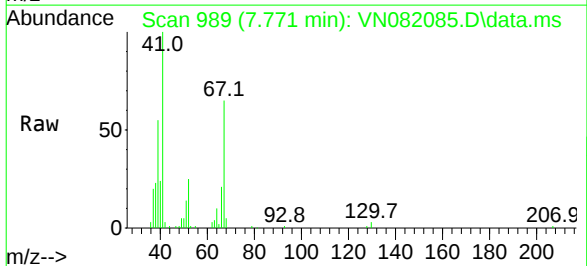
#41
Methacrylonitrile
Concen: 46.802 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	90497
Ion	Ratio	Lower	Upper
41	100		
39	55.7	46.6	69.8
67	68.6	67.3	100.9
52	29.1	27.3	40.9

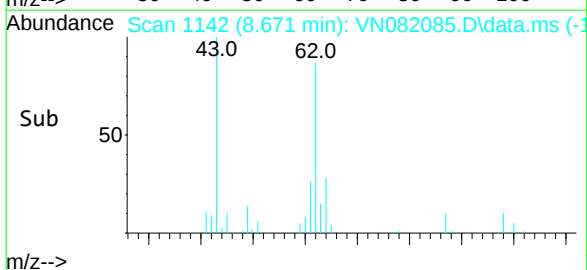
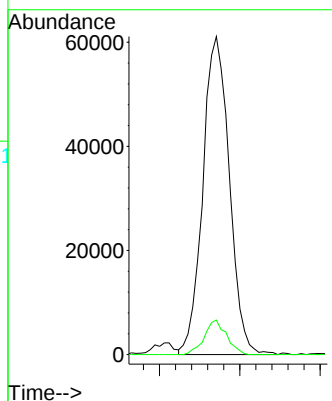
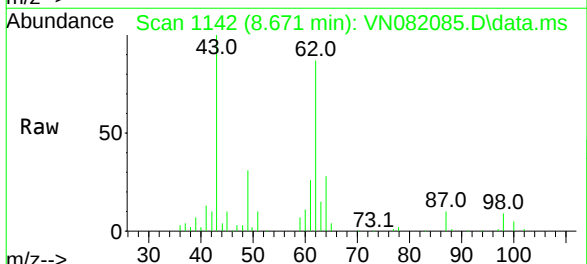
Manual Integrations
APPROVED

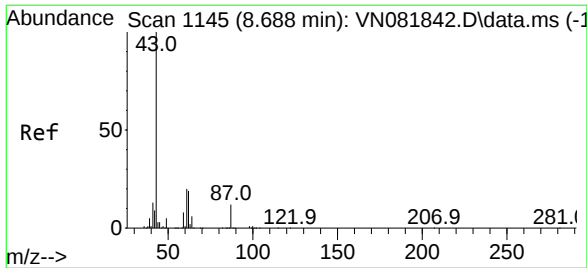
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#42
1,2-Dichloroethane
Concen: 44.877 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion:	62	Resp:	140210
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.6





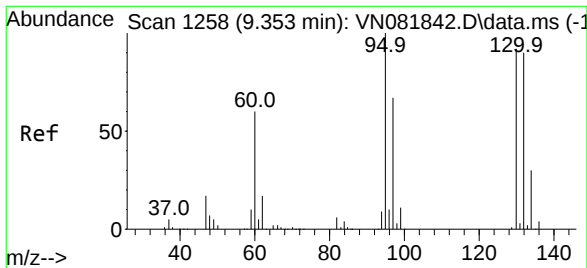
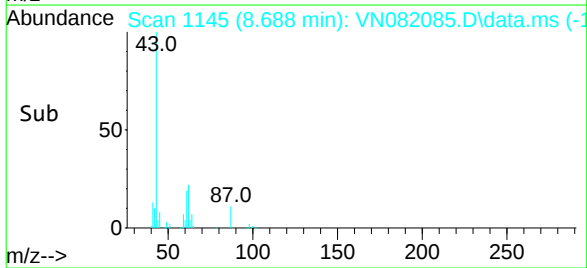
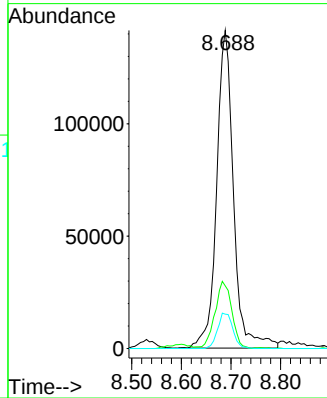
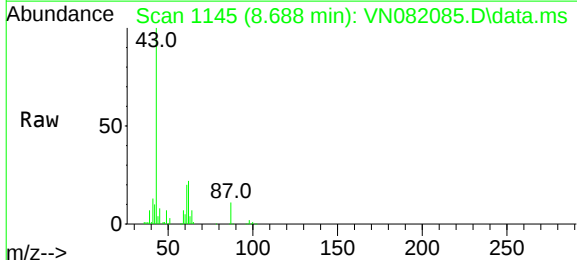
#43
Isopropyl Acetate
Concen: 58.543 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 333580
Ion Ratio Lower Upper
43 100
61 21.1 22.8 34.2#
87 10.0 12.0 18.0#

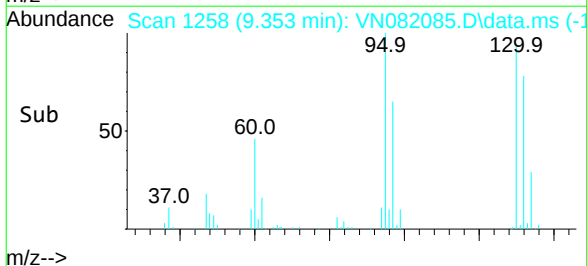
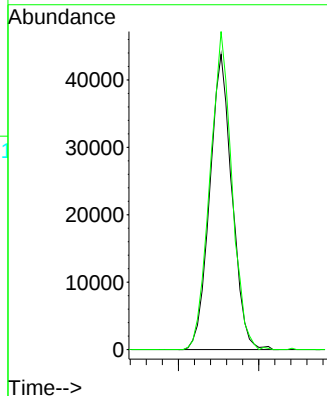
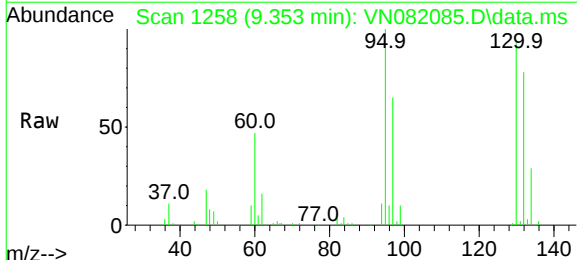
Manual Integrations
APPROVED

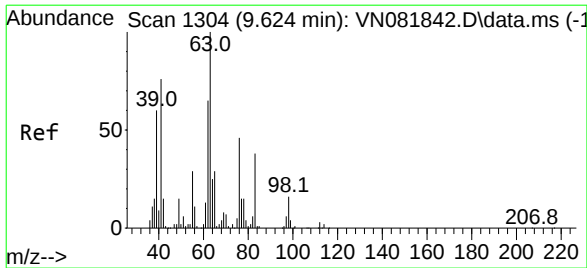
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#44
Trichloroethene
Concen: 43.302 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

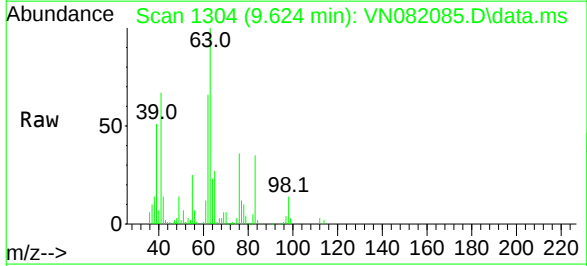
Tgt Ion:130 Resp: 83999
Ion Ratio Lower Upper
130 100
95 107.7 0.0 195.4





#45
1,2-Dichloropropane
Concen: 52.696 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

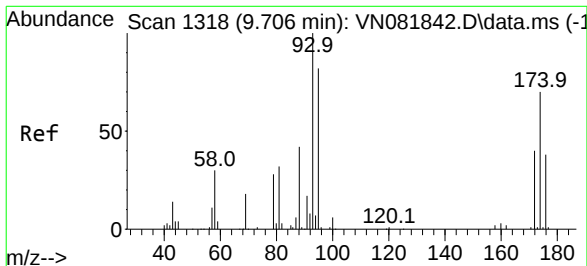
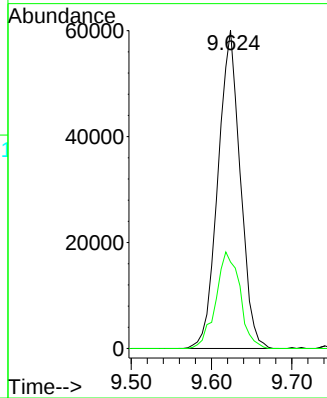
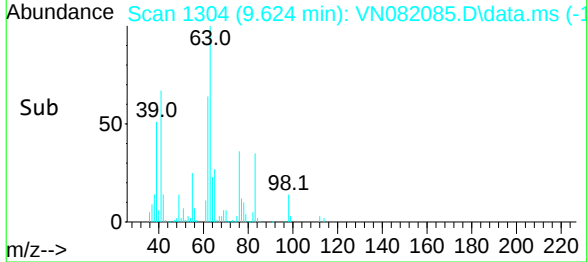
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 116035
Ion Ratio Lower Upper
63 100
65 27.2 24.1 36.1

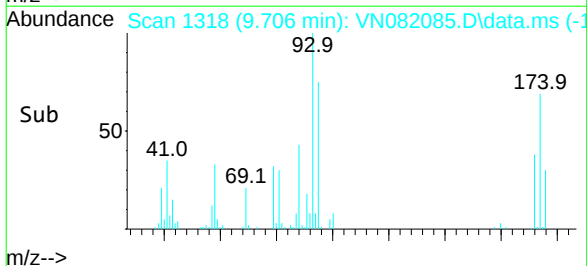
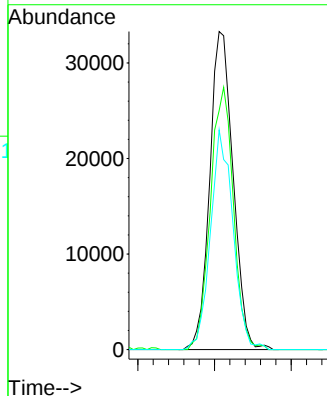
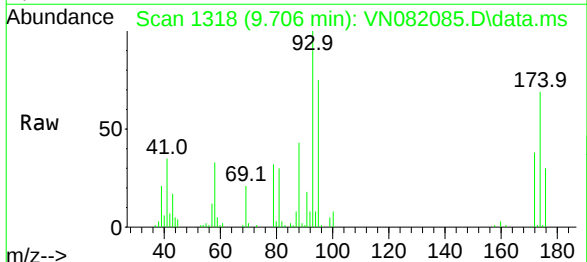
Manual Integrations
APPROVED

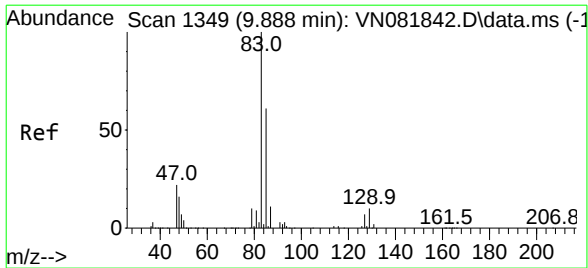
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#46
Dibromomethane
Concen: 46.332 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 93 Resp: 70515
Ion Ratio Lower Upper
93 100
95 81.2 64.8 97.2
174 66.5 73.4 110.0#





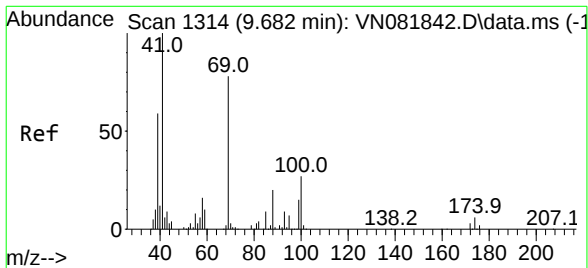
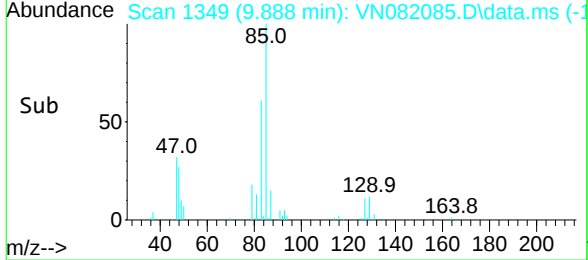
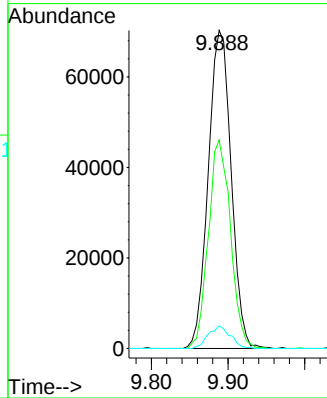
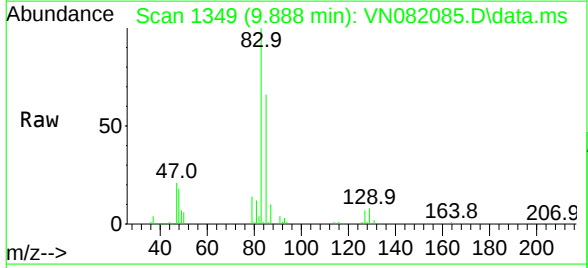
#47
Bromodichloromethane
Concen: 45.424 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 145799
Ion Ratio Lower Upper
83 100
85 65.6 51.9 77.9
127 7.1 7.5 11.3#

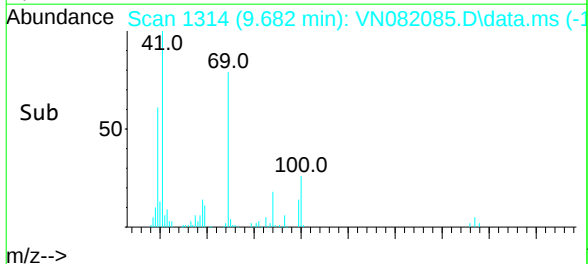
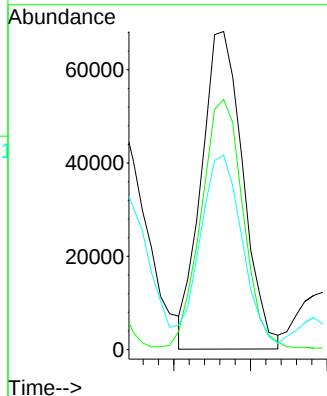
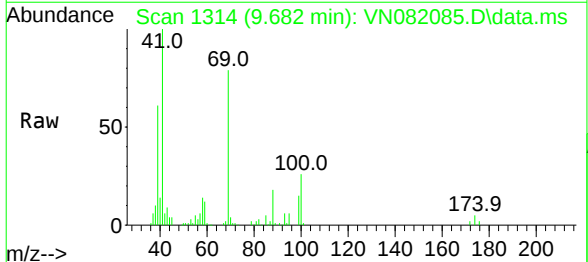
Manual Integrations
APPROVED

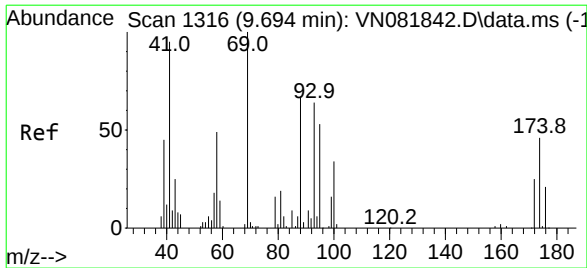
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#48
Methyl methacrylate
Concen: 47.124 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

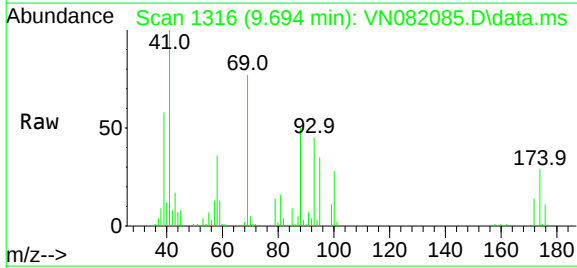
Tgt Ion: 41 Resp: 128184
Ion Ratio Lower Upper
41 100
69 80.6 77.9 116.9
39 63.5 50.9 76.3





#49
1,4-Dioxane
Concen: 979.063 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

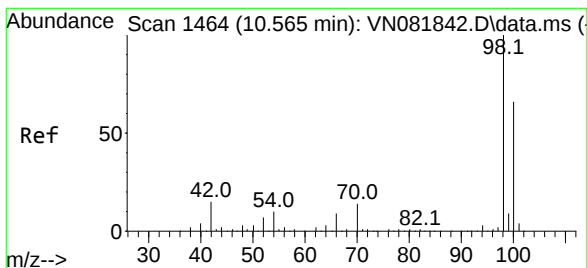
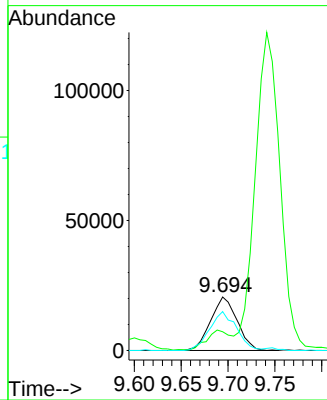
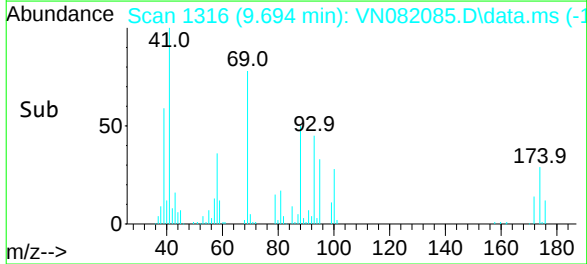
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 40478
Ion Ratio Lower Upper
88 100
43 33.4 19.0 28.6#
58 73.9 50.6 76.0

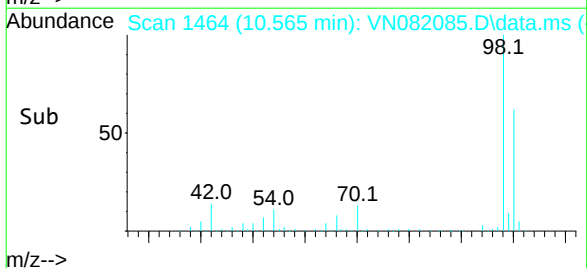
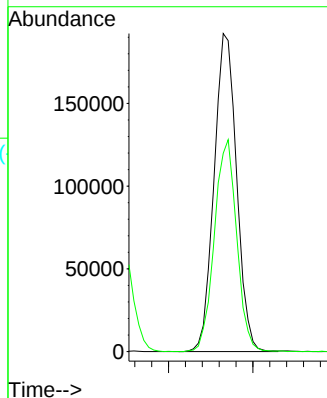
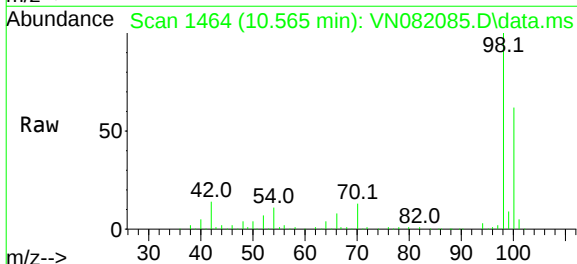
Manual Integrations
APPROVED

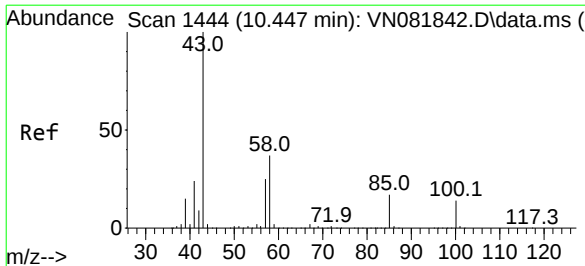
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#50
Toluene-d8
Concen: 52.739 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 98 Resp: 356842
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6





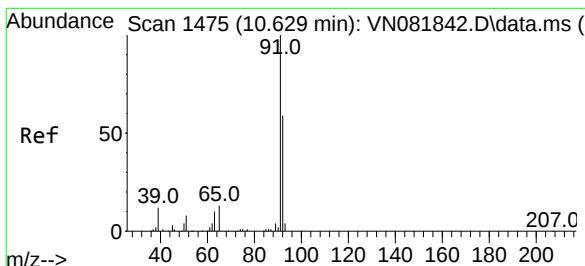
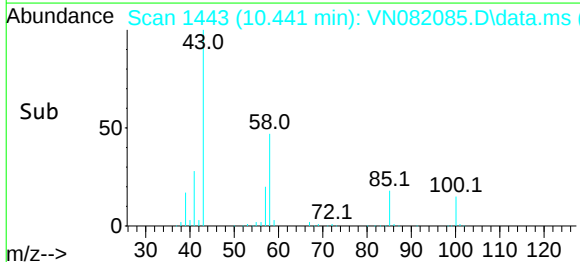
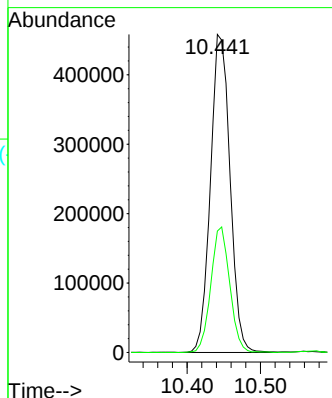
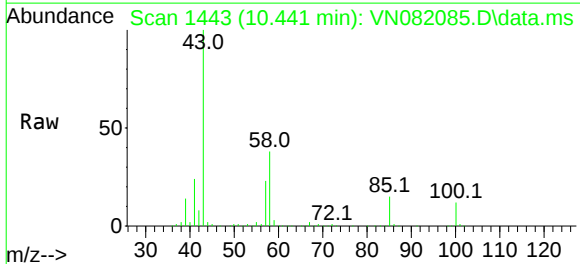
#51
4-Methyl-2-Pentanone
Concen: 264.952 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 849873
Ion Ratio Lower Upper
43 100
58 38.1 33.2 49.8

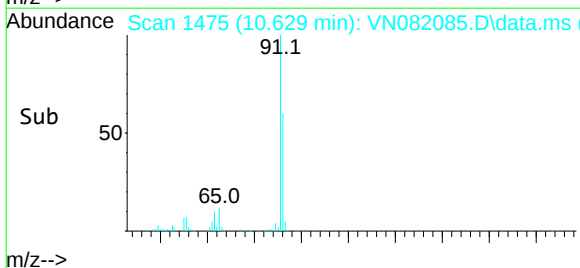
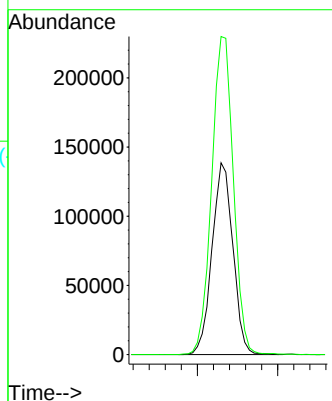
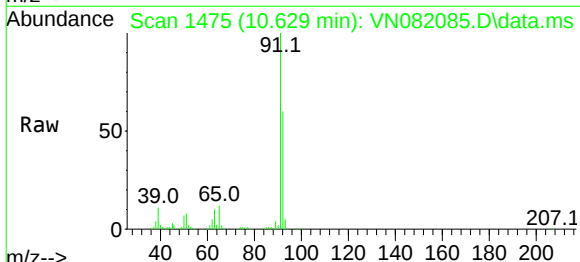
Manual Integrations
APPROVED

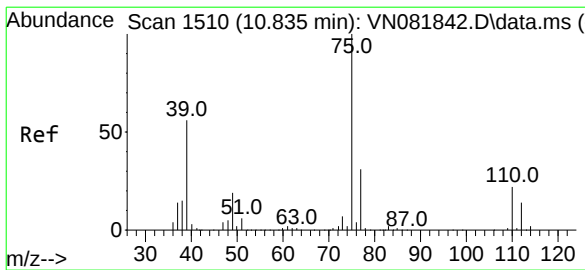
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#52
Toluene
Concen: 49.704 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

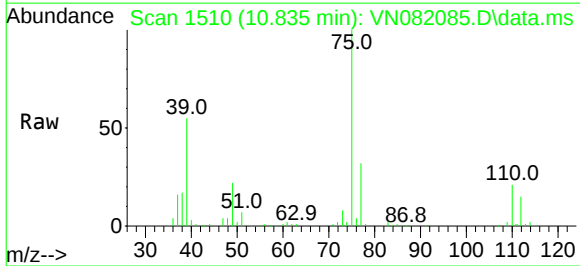
Tgt Ion: 92 Resp: 250440
Ion Ratio Lower Upper
92 100
91 172.5 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 46.058 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

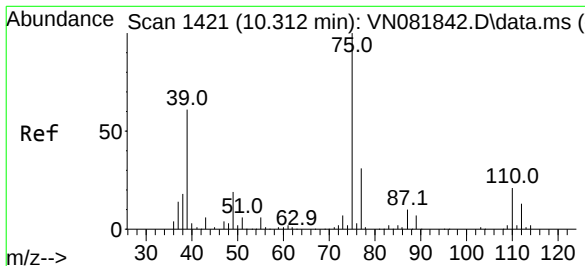
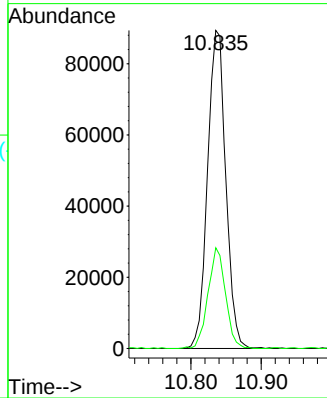
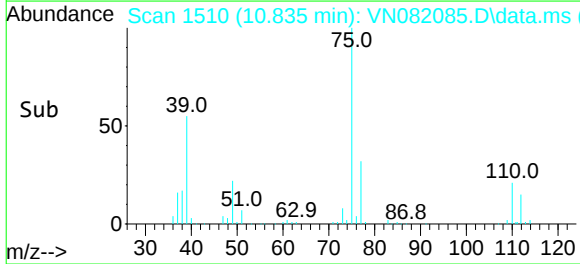
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



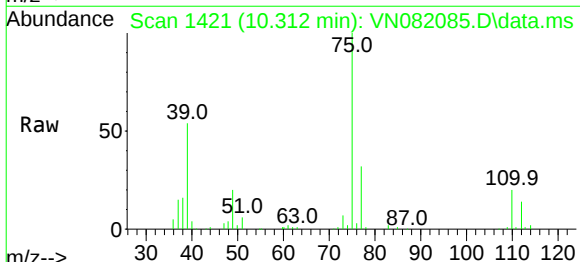
Tgt Ion: 75 Resp: 160856
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

Manual Integrations
APPROVED

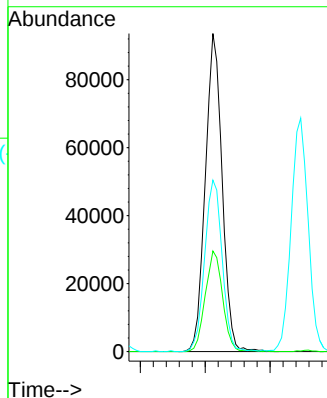
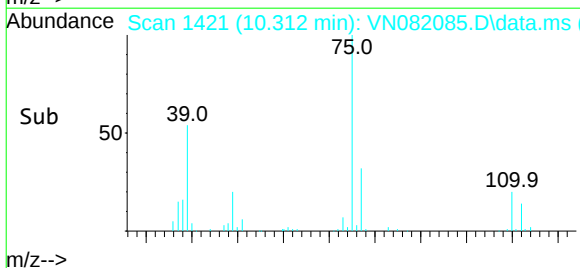
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024

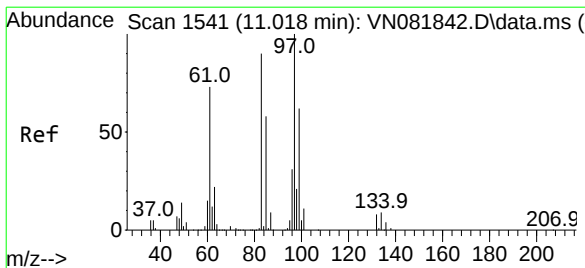


#54
cis-1,3-Dichloropropene
Concen: 46.776 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20



Tgt Ion: 75 Resp: 168369
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4
39 53.9 34.8 52.2#





#55

1,1,2-Trichloroethane

Concen: 49.204 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

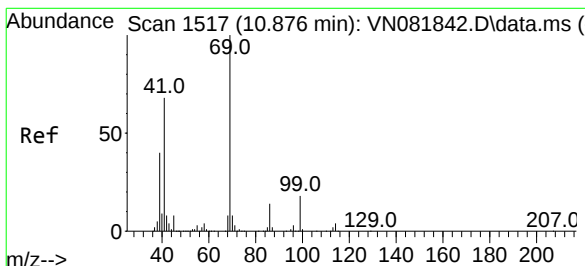
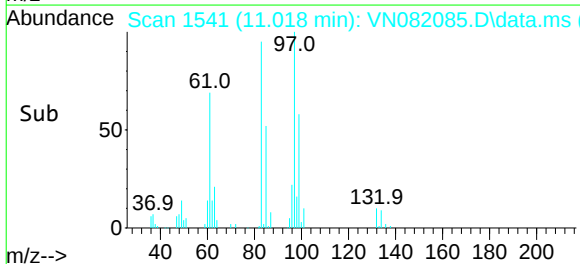
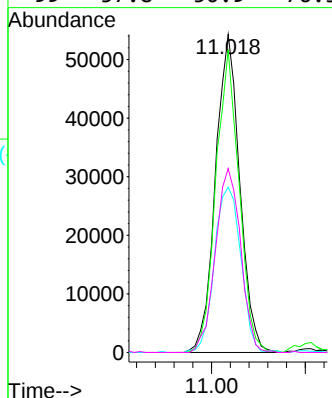
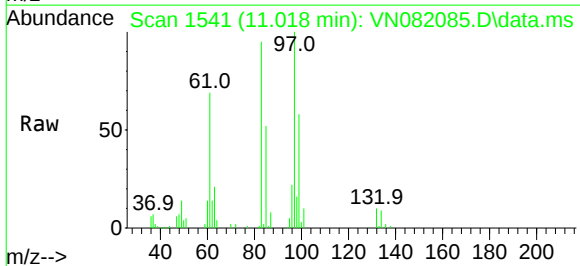
Tgt Ion:	97	Resp:	97504
Ion	Ratio	Lower	Upper
97	100		
83	95.2	70.4	105.6
85	52.0	45.6	68.4
99	57.8	50.9	76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#56

Ethyl methacrylate

Concen: 47.967 ug/l

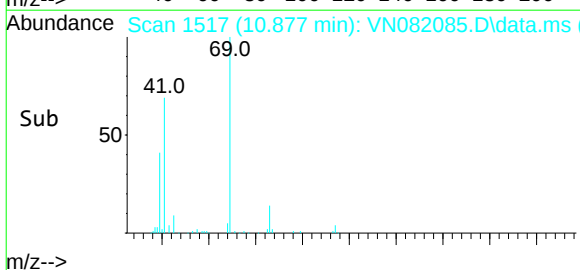
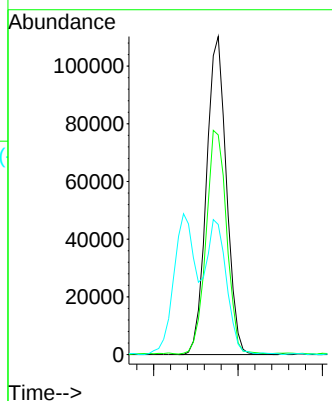
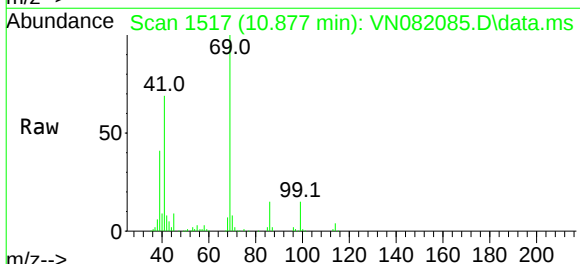
RT: 10.877 min Scan# 1517

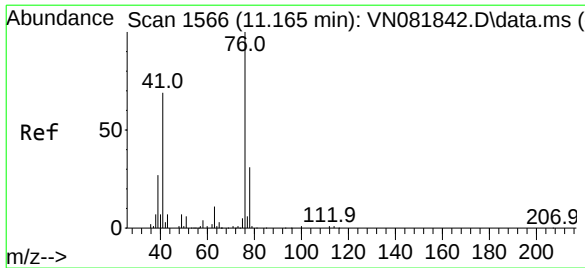
Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

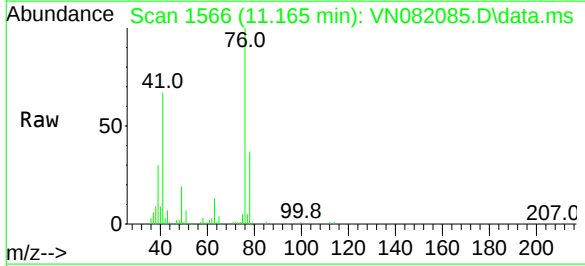
Tgt Ion:	69	Resp:	180996
Ion	Ratio	Lower	Upper
69	100		
41	72.5	46.6	70.0#
39	43.7	26.5	39.7#





#57
1,3-Dichloropropane
Concen: 49.826 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

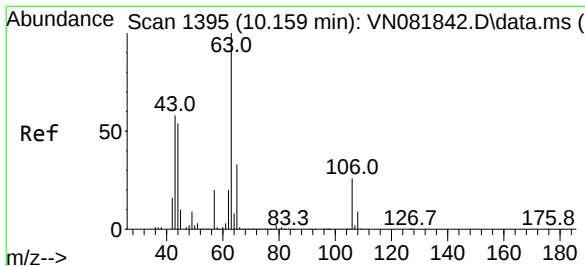
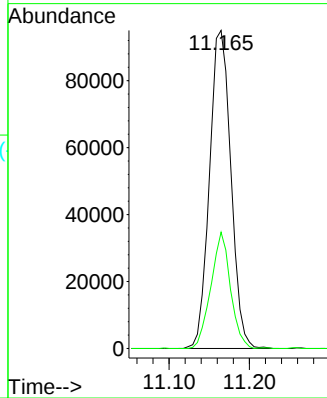
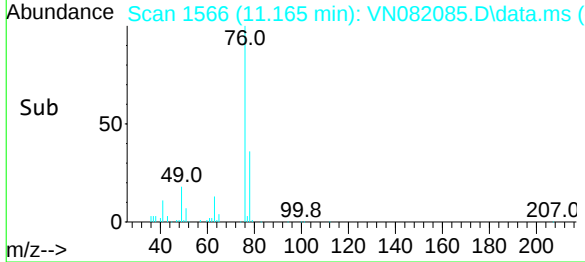
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 175537
Ion Ratio Lower Upper
76 100
78 33.6 25.8 38.6

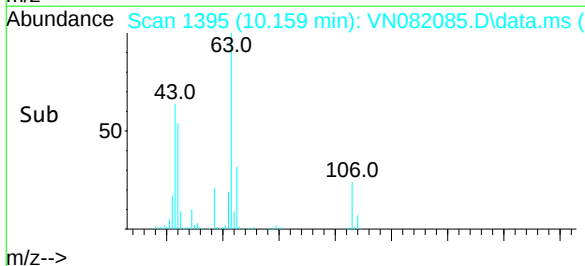
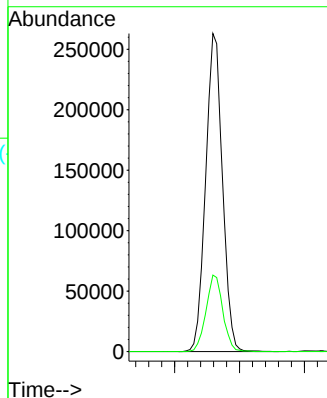
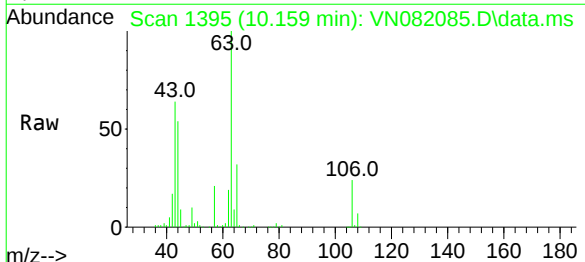
Manual Integrations
APPROVED

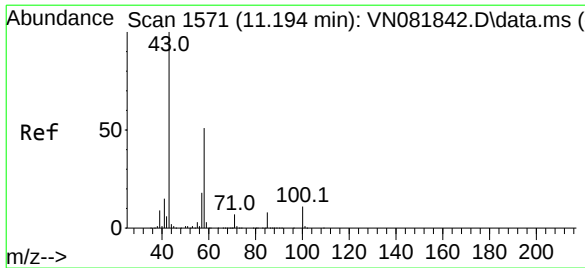
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 274.326 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 63 Resp: 471556
Ion Ratio Lower Upper
63 100
106 24.1 24.6 36.8#





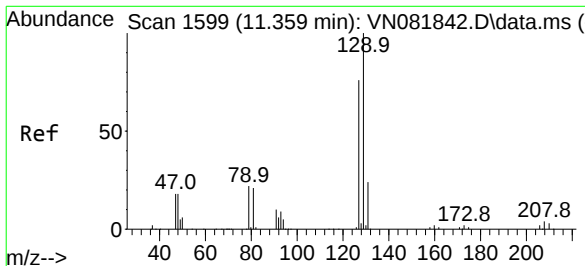
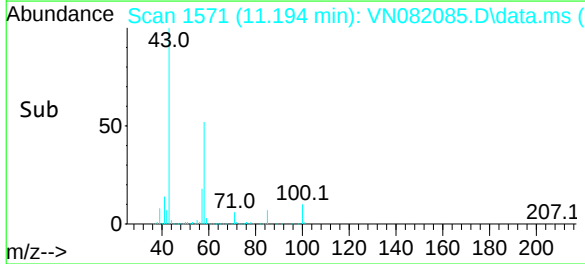
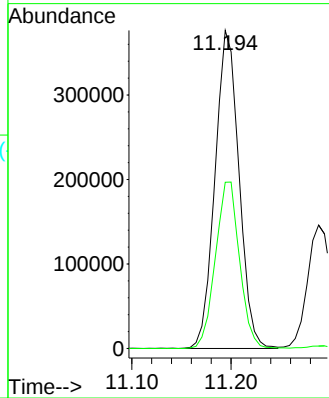
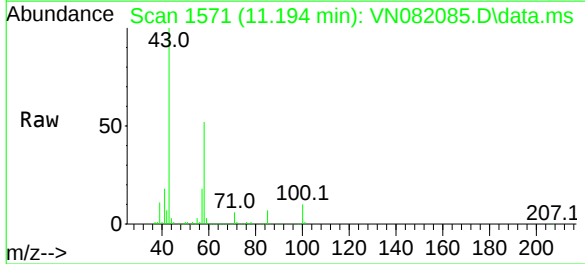
#59
2-Hexanone
Concen: 265.097 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 632826
Ion Ratio Lower Upper
43 100
58 52.6 28.3 84.9

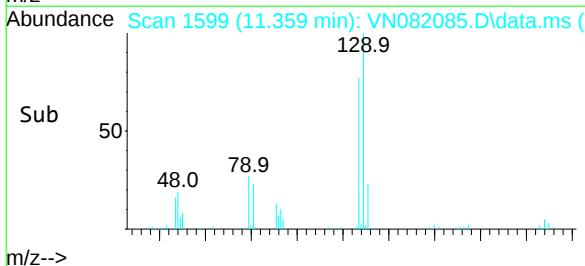
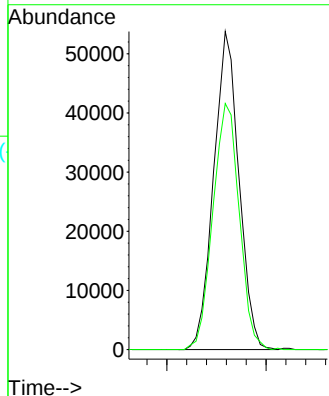
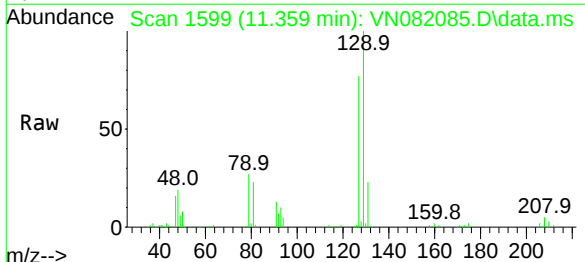
Manual Integrations
APPROVED

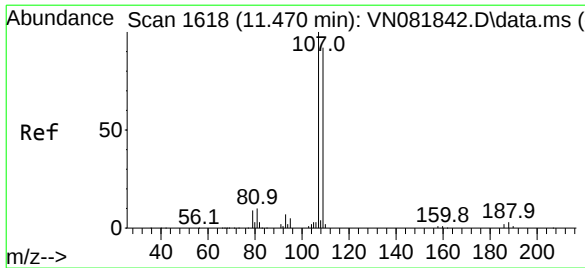
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#60
Dibromochloromethane
Concen: 45.313 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

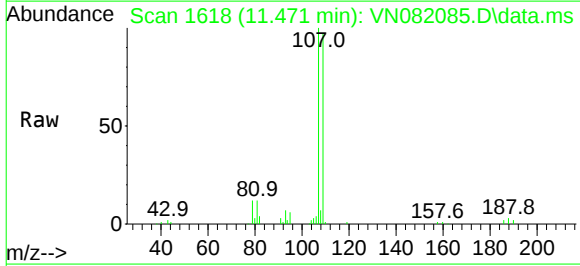
Tgt Ion:129 Resp: 95105
Ion Ratio Lower Upper
129 100
127 80.8 38.3 114.8





#61
1,2-Dibromoethane
Concen: 47.652 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

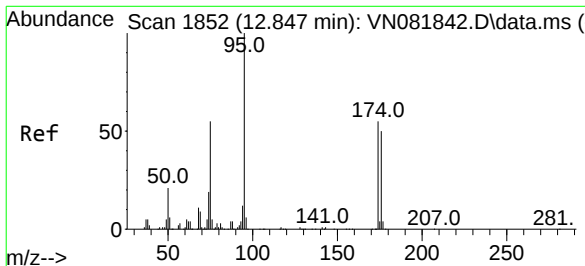
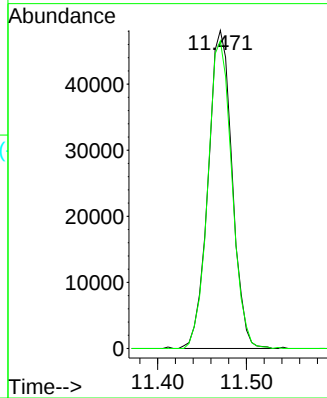
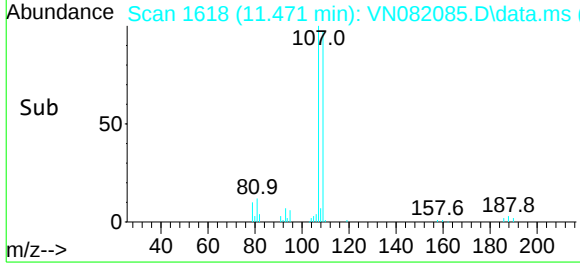
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



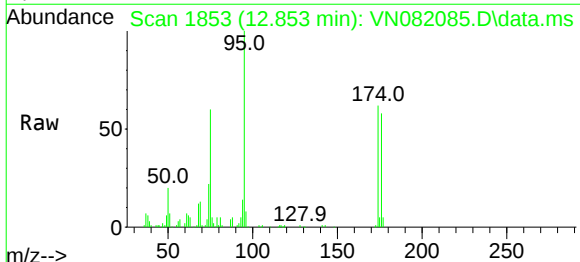
Tgt Ion: 107 Resp: 90302
Ion Ratio Lower Upper
107 100
109 97.0 75.8 113.6

Manual Integrations
APPROVED

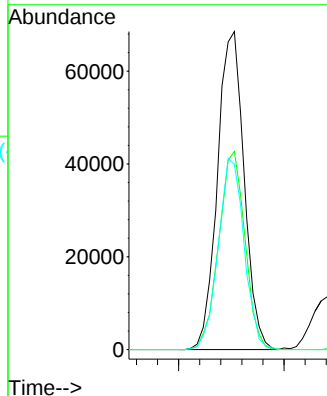
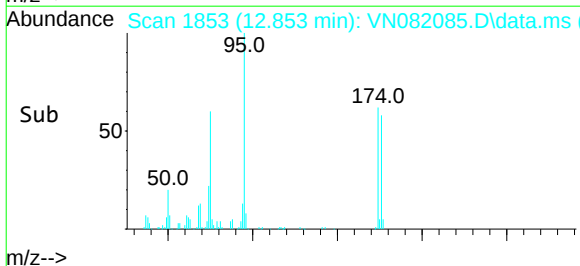
Reviewed By : John Carlone 05/13/2024
Supervised By : Mahesh Dadoda 05/13/2024

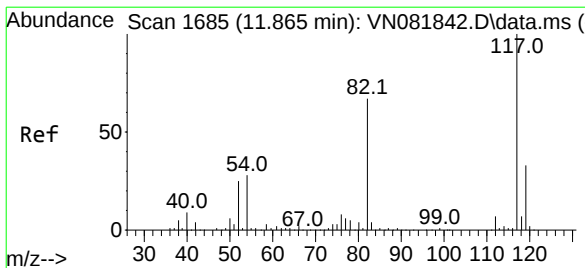


#62
4-Bromofluorobenzene
Concen: 45.035 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20



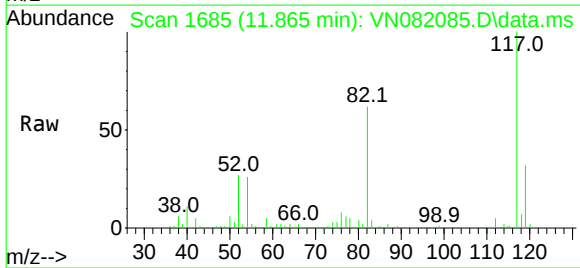
Tgt Ion: 95 Resp: 120455
Ion Ratio Lower Upper
95 100
174 61.3 0.0 160.6
176 58.6 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

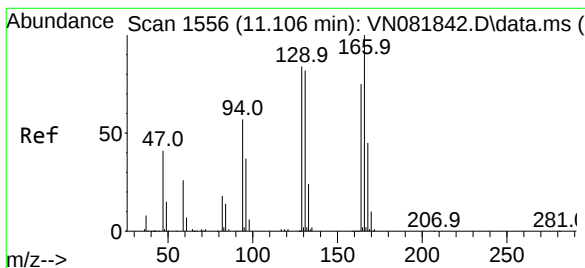
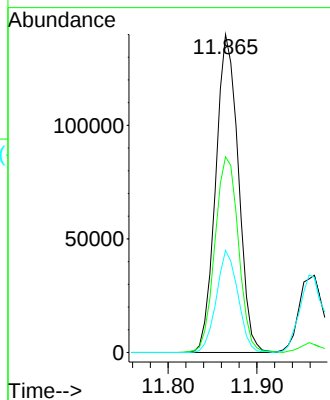
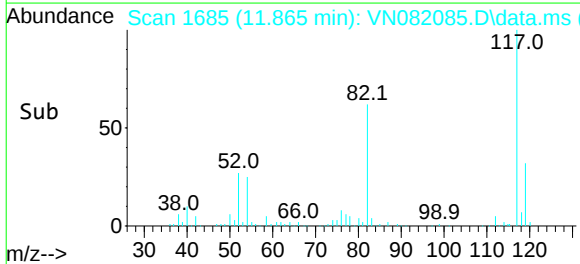
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 248253
Ion Ratio Lower Upper
117 100
82 61.5 44.6 66.8
119 32.1 25.9 38.9

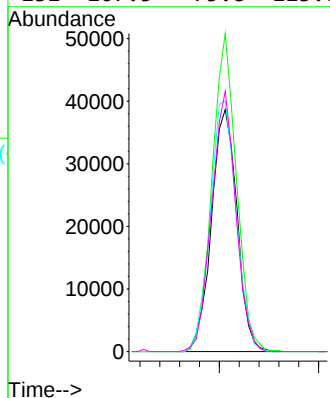
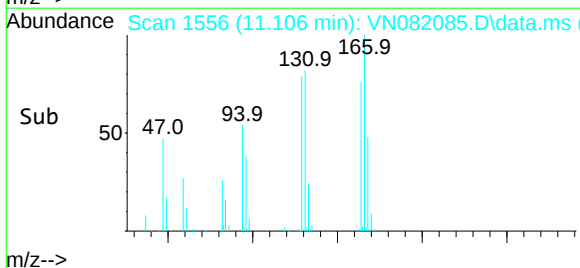
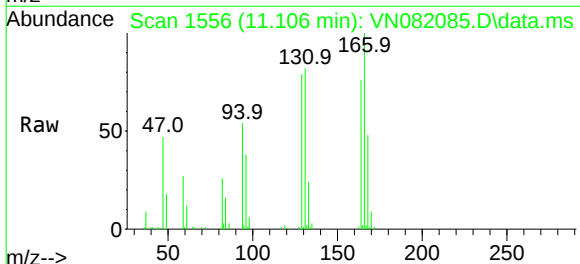
Manual Integrations
APPROVED

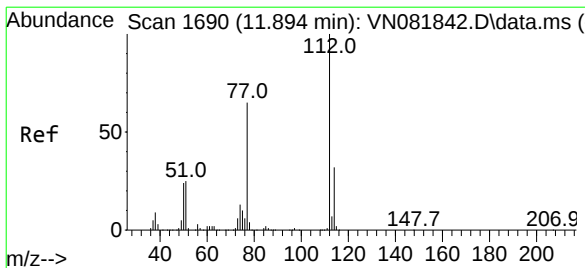
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#64
Tetrachloroethene
Concen: 38.319 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion:164 Resp: 69091
Ion Ratio Lower Upper
164 100
166 131.4 97.6 146.4
129 103.6 73.7 110.5
131 107.5 75.8 113.6





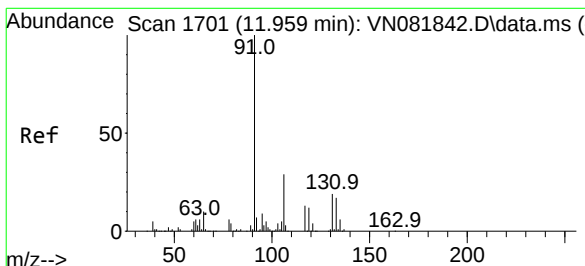
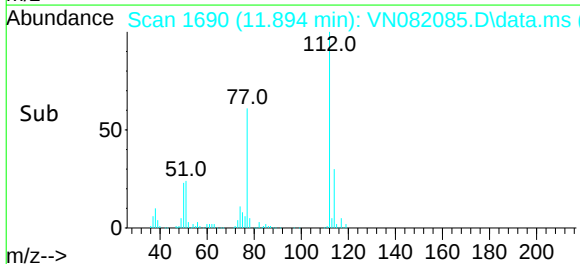
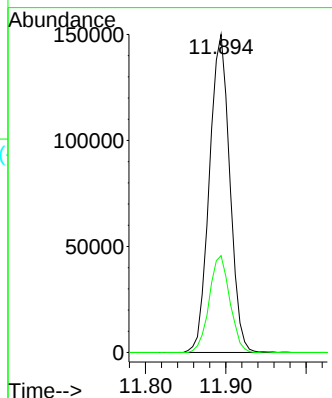
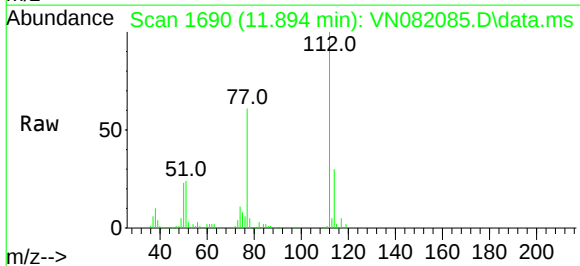
#65
Chlorobenzene
Concen: 48.709 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 264068
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5

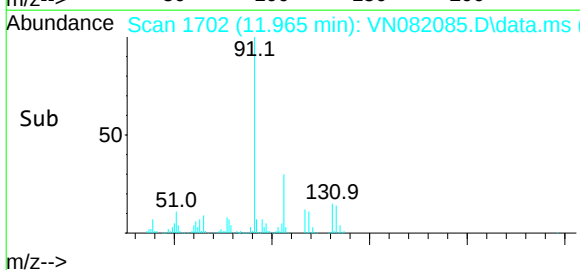
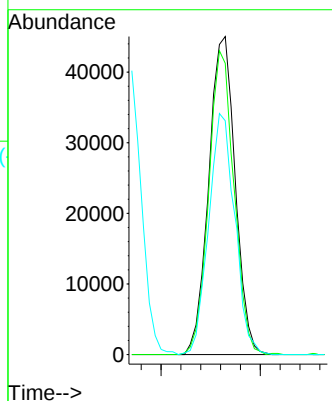
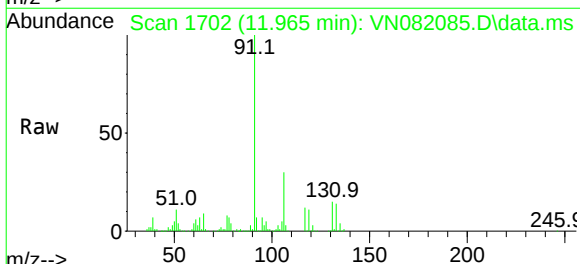
Manual Integrations
APPROVED

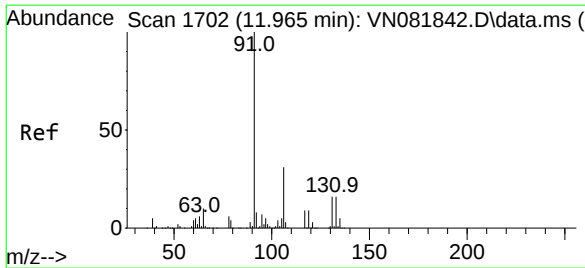
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.363 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion:131 Resp: 83449
Ion Ratio Lower Upper
131 100
133 91.3 47.5 142.6
119 74.8 32.9 98.7





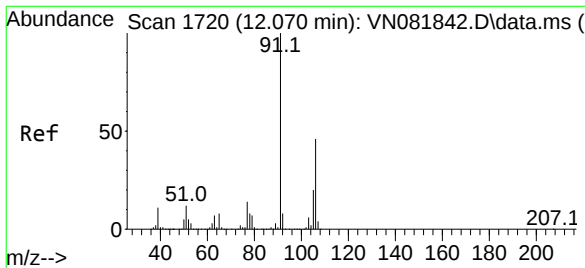
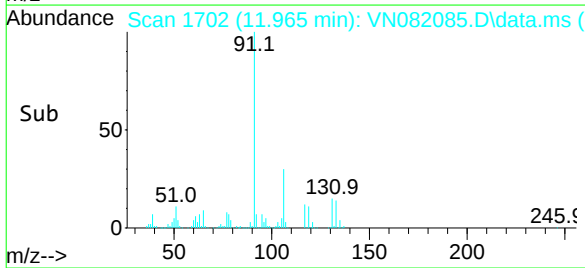
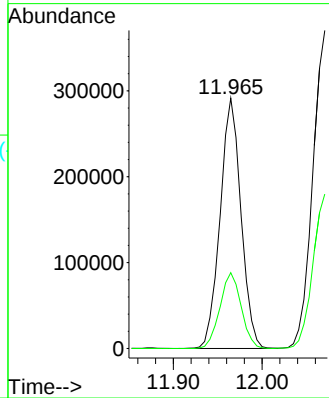
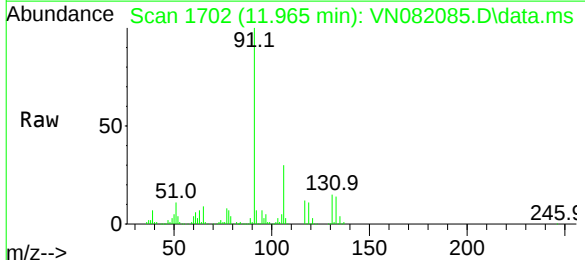
#67
Ethyl Benzene
Concen: 47.237 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 476258
Ion Ratio Lower Upper
91 100
106 30.3 25.3 37.9

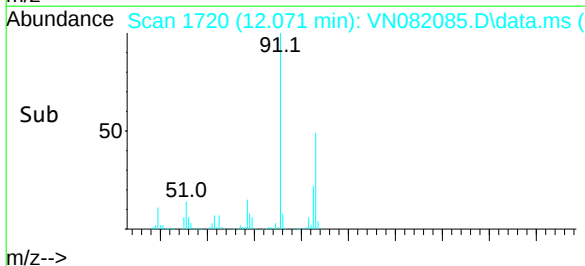
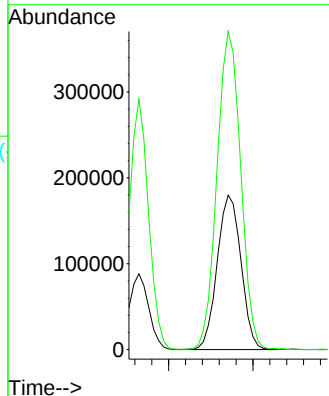
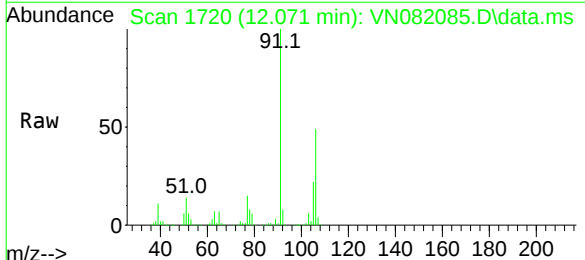
Manual Integrations
APPROVED

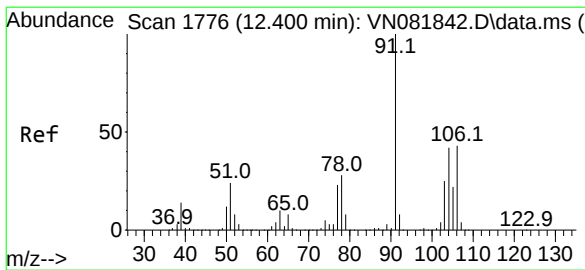
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#68
m/p-Xylenes
Concen: 98.120 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

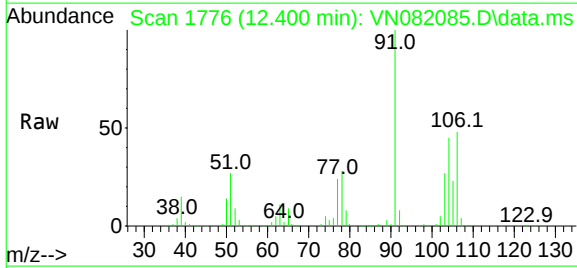
Tgt Ion:106 Resp: 352868
Ion Ratio Lower Upper
106 100
91 205.5 159.4 239.0





#69
o-Xylene
Concen: 47.710 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

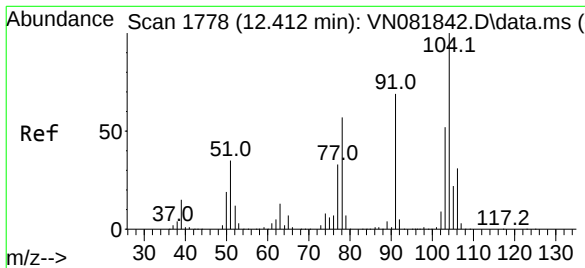
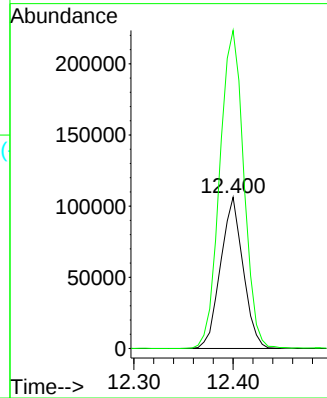
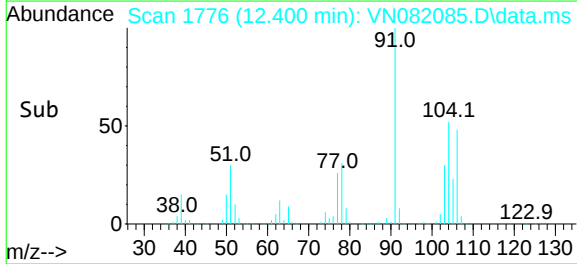
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 167513
Ion Ratio Lower Upper
106 100
91 225.0 104.7 314.1

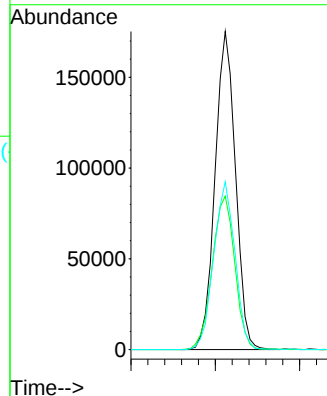
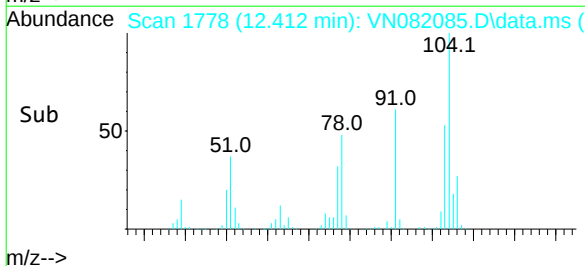
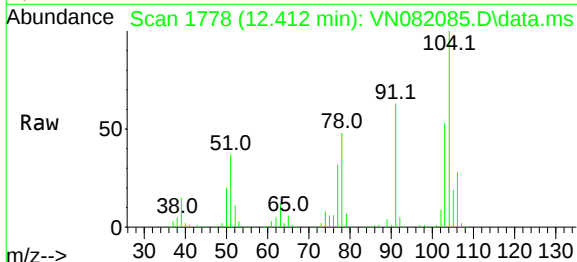
Manual Integrations
APPROVED

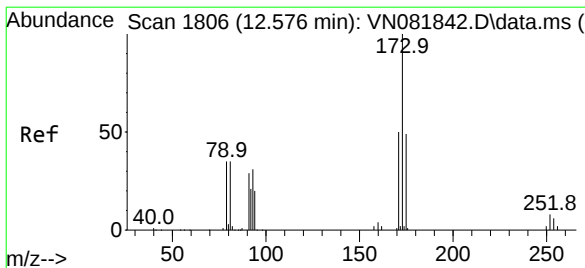
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#70
Styrene
Concen: 48.633 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion:104 Resp: 295385
Ion Ratio Lower Upper
104 100
78 53.1 38.6 58.0
103 54.9 43.8 65.6





#71

Bromoform

Concen: 40.950 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Instrument :

MSVOA_N

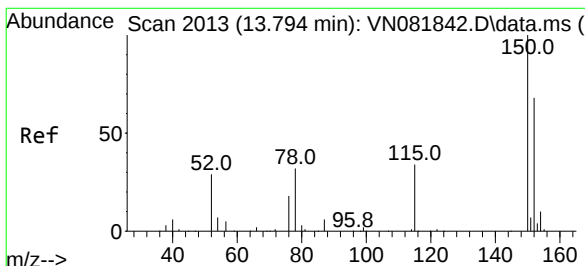
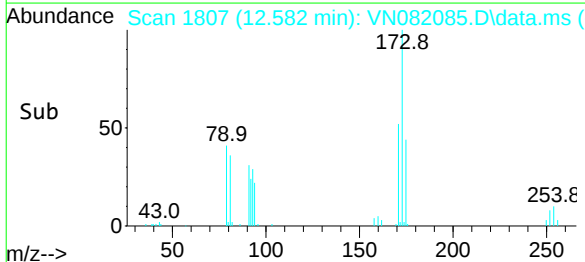
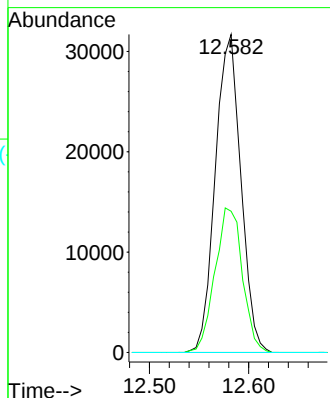
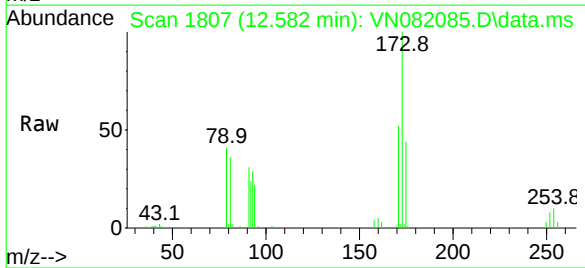
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	173	Resp:	56722
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.6	74.0
254	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

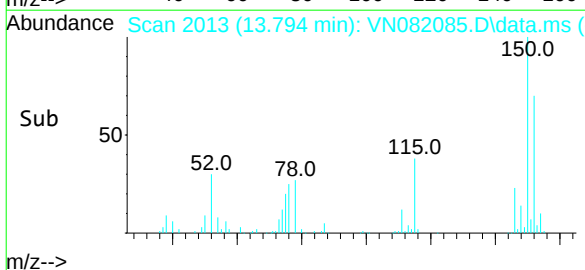
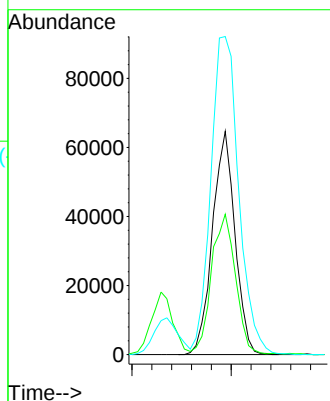
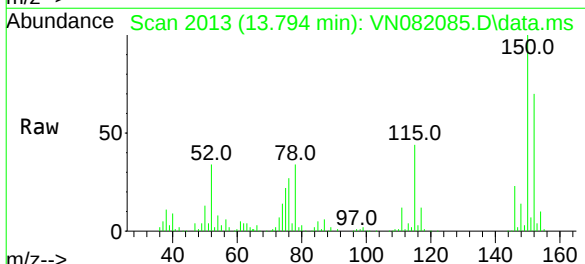
RT: 13.794 min Scan# 2013

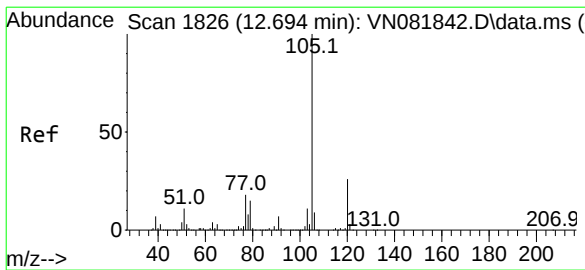
Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

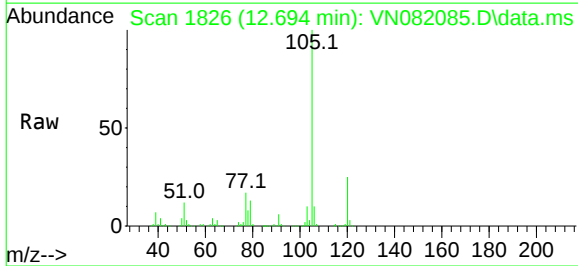
Tgt Ion:	152	Resp:	102130
Ion Ratio	Lower	Upper	
152	100		
115	66.6	30.4	91.3
150	176.4	0.0	353.2





#73
Isopropylbenzene
Concen: 48.587 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

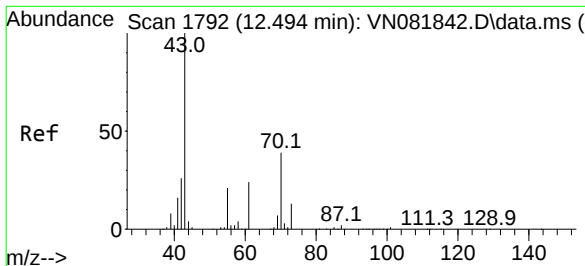
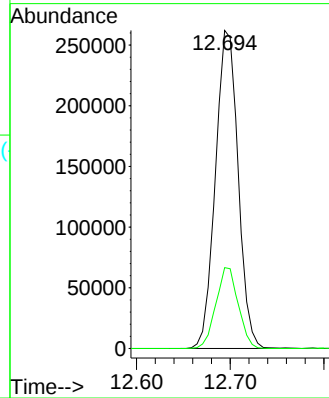
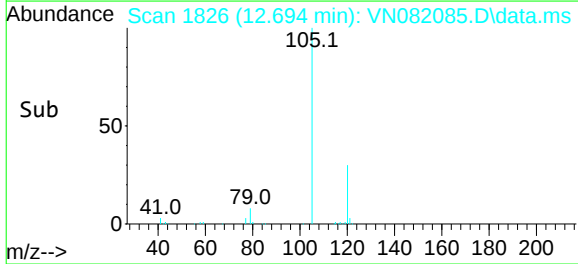
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 441184
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1

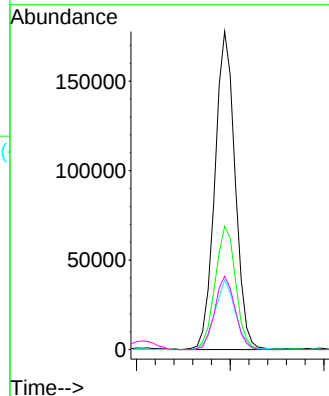
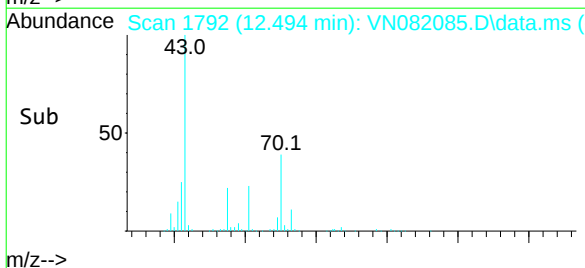
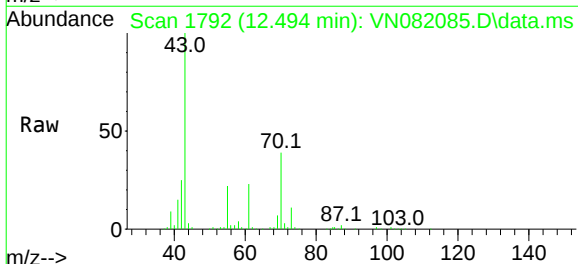
Manual Integrations
APPROVED

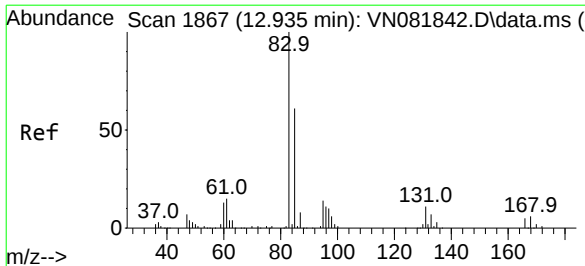
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#74
N-ethyl acetate
Concen: 52.818 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 43 Resp: 267018
Ion Ratio Lower Upper
43 100
70 39.3 39.0 58.4
55 22.3 21.3 31.9
61 23.1 20.5 30.7





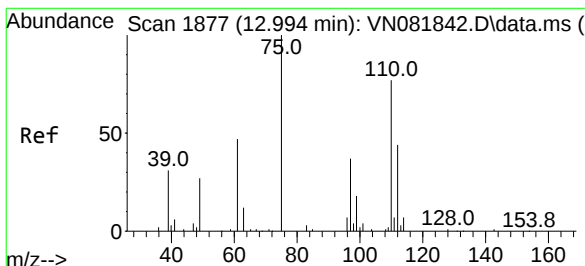
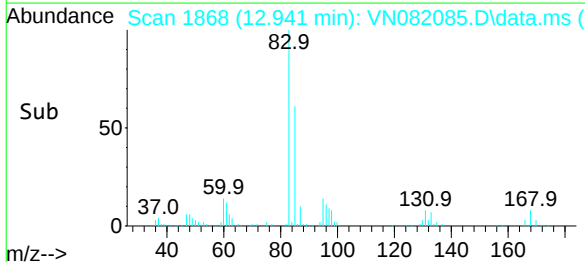
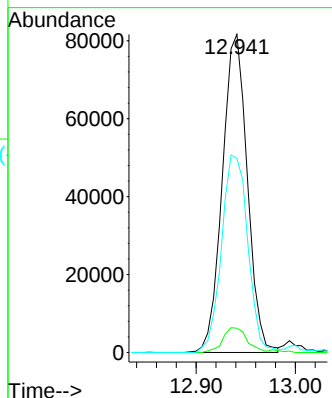
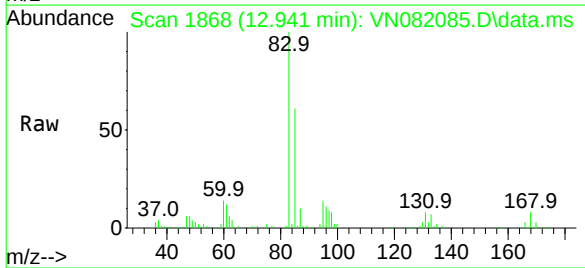
#75
1,1,2,2-Tetrachloroethane
Concen: 52.472 ug/l
RT: 12.941 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 143080
Ion Ratio Lower Upper
83 100
131 8.0 5.5 16.4
85 65.1 32.9 98.6

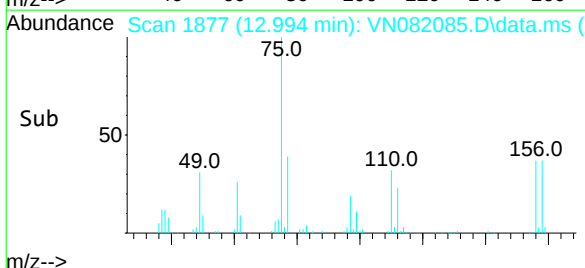
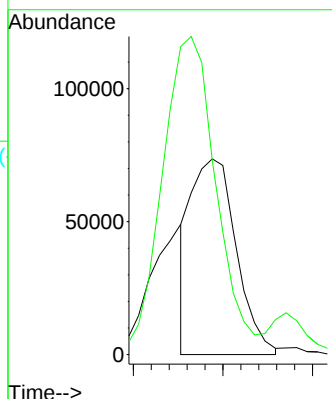
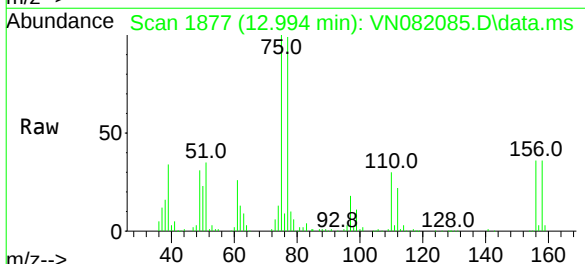
Manual Integrations
APPROVED

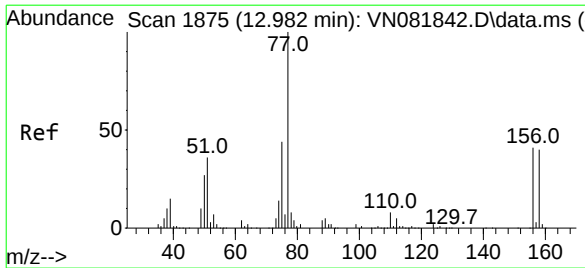
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#76
1,2,3-Trichloropropane
Concen: 48.667 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 75 Resp: 128870
Ion Ratio Lower Upper
75 100
77 192.9 90.5 271.3





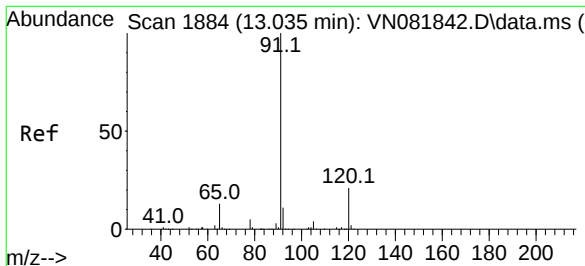
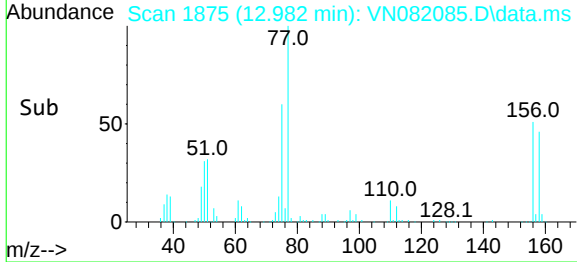
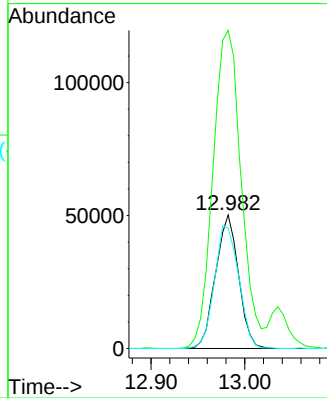
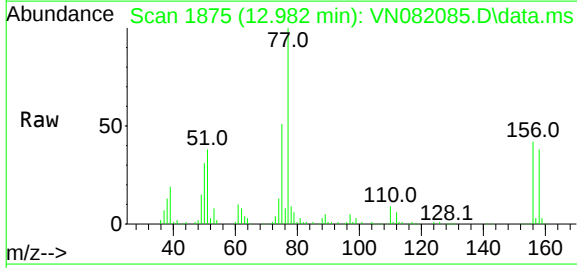
#77
Bromobenzene
Concen: 44.940 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 156 Resp: 85392
Ion Ratio Lower Upper
156 100
77 291.2 100.2 300.6
158 97.8 49.1 147.3

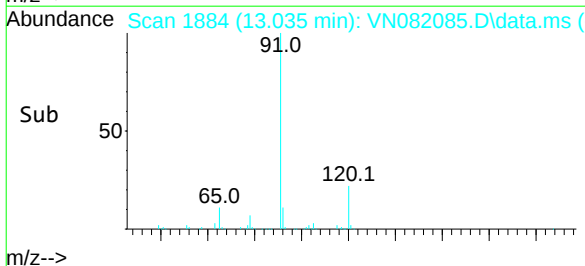
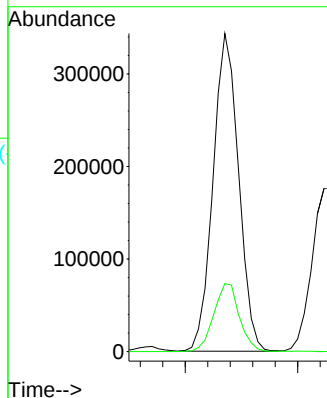
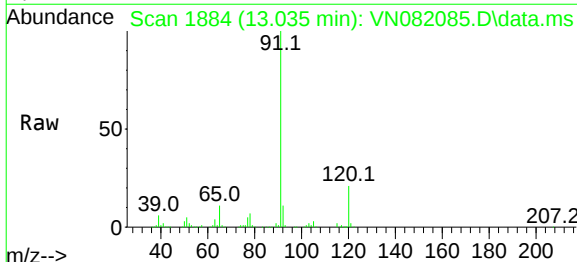
Manual Integrations
APPROVED

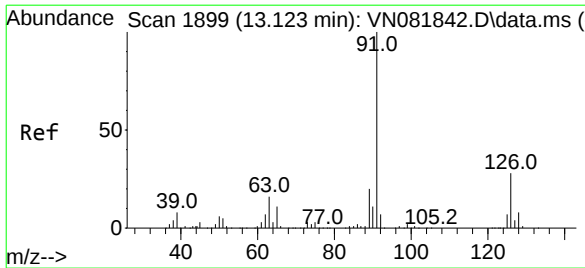
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#78
n-propylbenzene
Concen: 49.060 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 91 Resp: 541114
Ion Ratio Lower Upper
91 100
120 21.4 11.7 35.0





#79

2-Chlorotoluene

Concen: 45.639 ug/l

RT: 13.129 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 320266

Ion Ratio Lower Upper

91 100

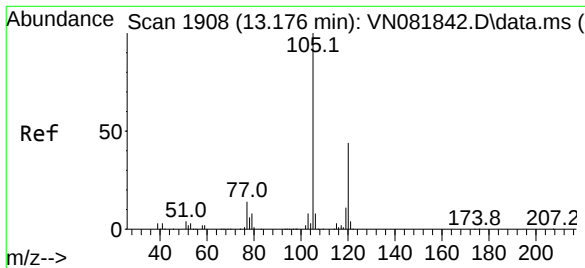
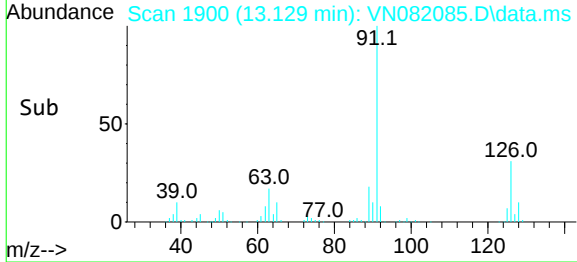
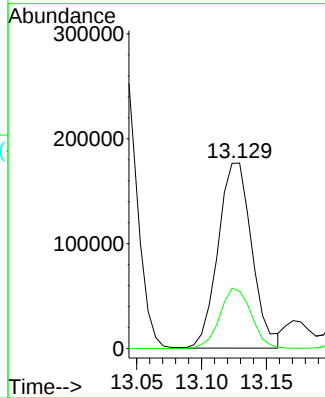
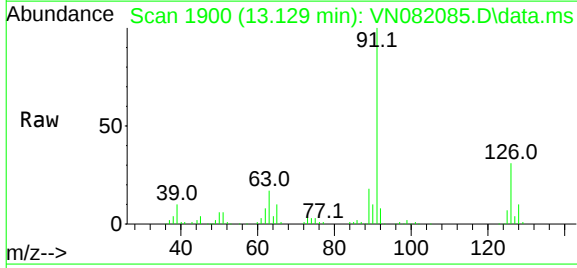
126 30.3 17.5 52.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#80

1,3,5-Trimethylbenzene

Concen: 45.913 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082085.D

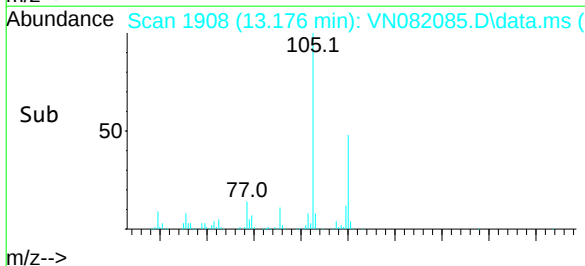
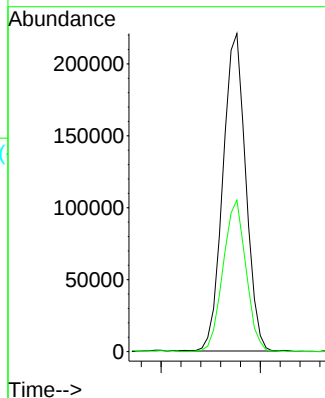
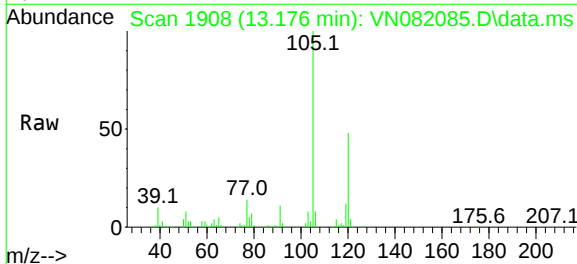
Acq: 10 May 2024 21:20

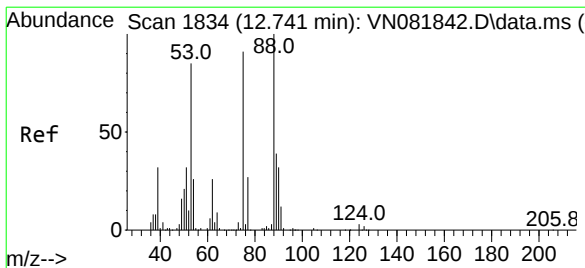
Tgt Ion:105 Resp: 352786

Ion Ratio Lower Upper

105 100

120 47.8 24.8 74.3





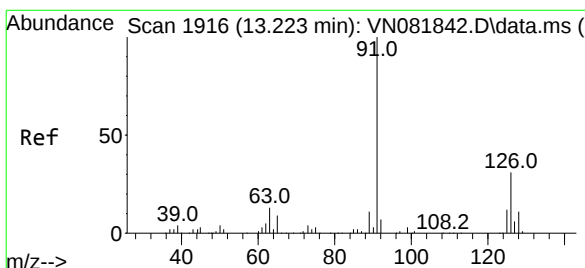
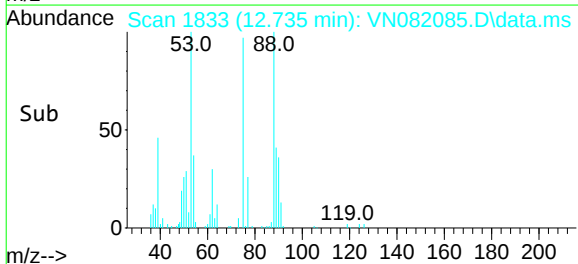
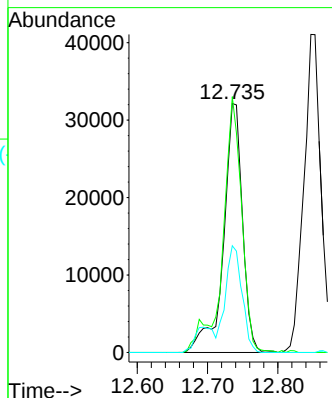
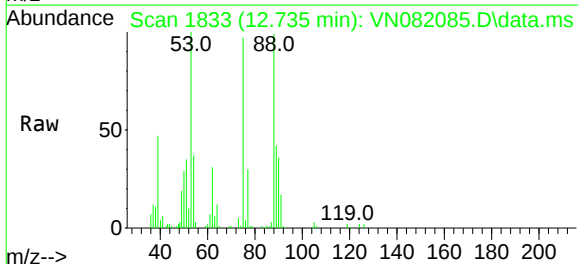
#81
trans-1,4-Dichloro-2-butene
Concen: 46.646 ug/l
RT: 12.735 min Scan# 1834
Delta R.T. -0.006 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.0	72.9	109.3
89	37.6	39.1	58.7#

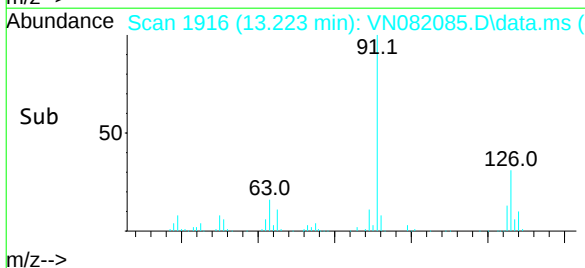
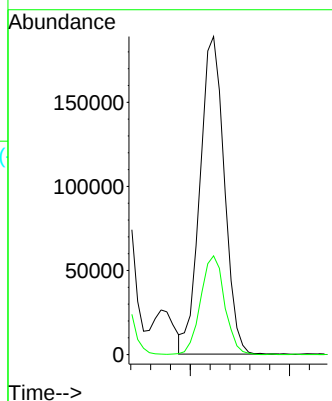
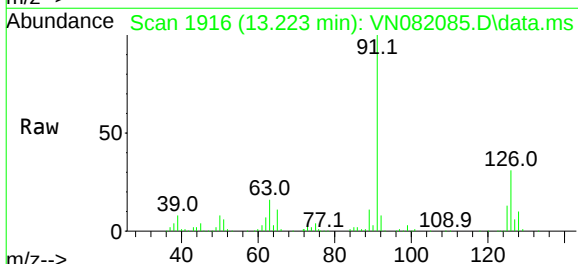
Manual Integrations
APPROVED

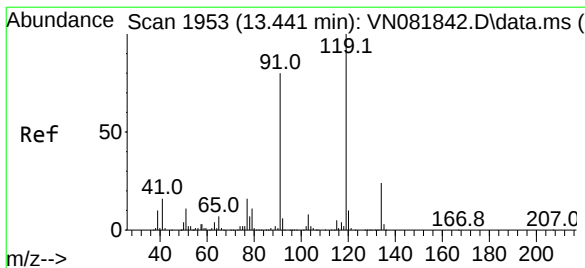
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#82
4-Chlorotoluene
Concen: 47.098 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	17.4	52.3





#83

tert-Butylbenzene

Concen: 47.642 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

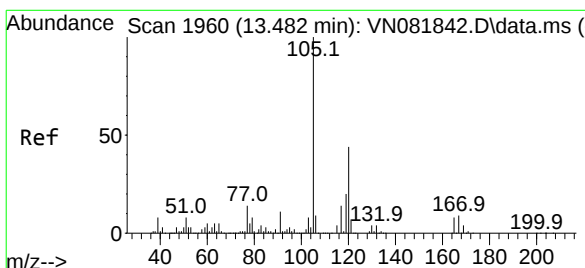
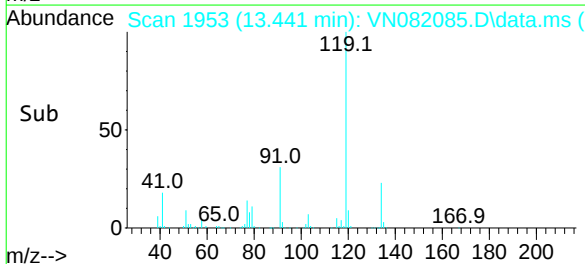
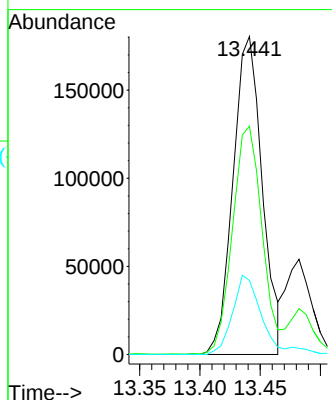
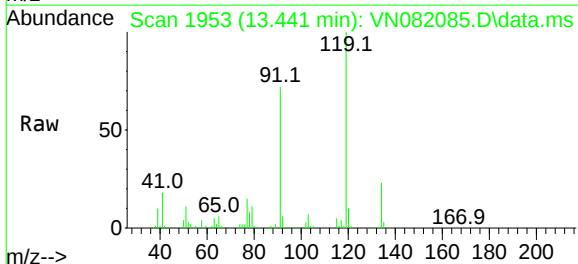
Tgt Ion:	119	Resp:	304853
Ion	Ratio	Lower	Upper
119	100		
91	73.6	32.6	97.8
134	23.7	12.4	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#84

1,2,4-Trimethylbenzene

Concen: 47.383 ug/l

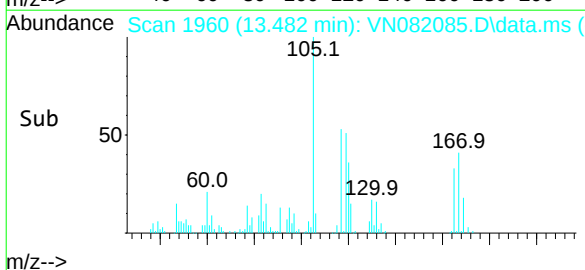
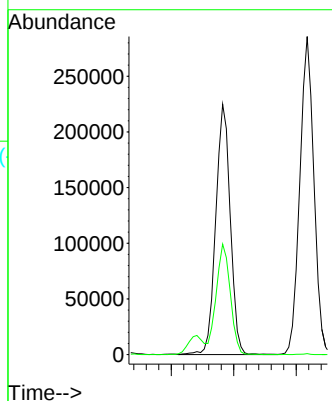
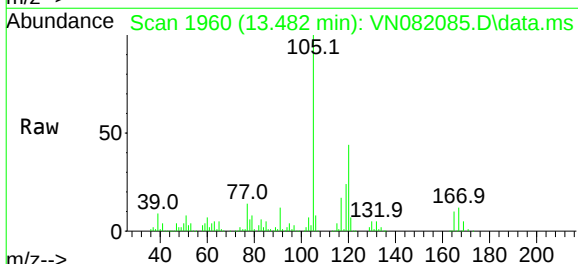
RT: 13.482 min Scan# 1960

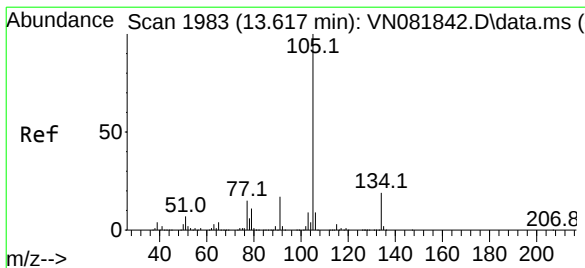
Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Tgt Ion:	105	Resp:	363588
Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.9	68.7





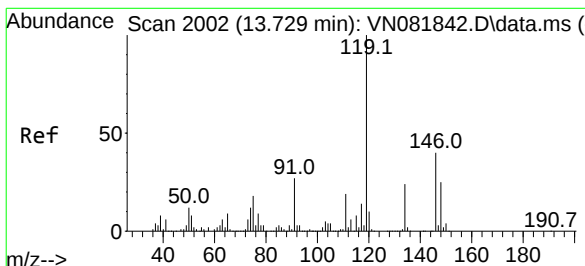
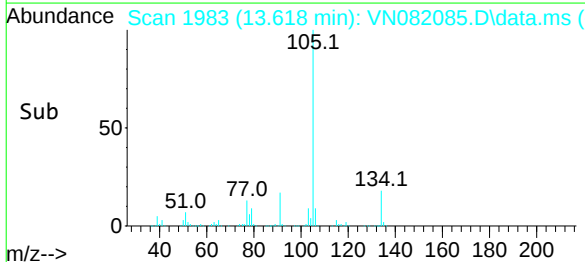
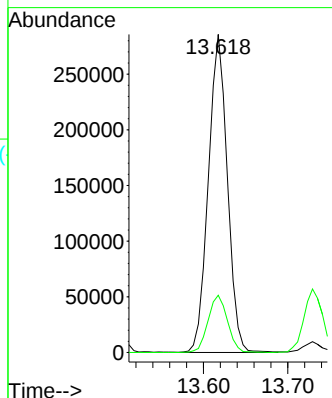
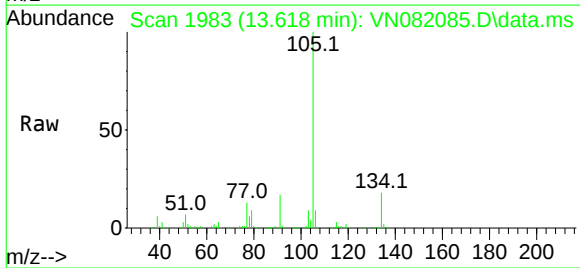
#85
sec-Butylbenzene
Concen: 49.729 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 448225
Ion Ratio Lower Upper
105 100
134 18.3 10.2 30.4

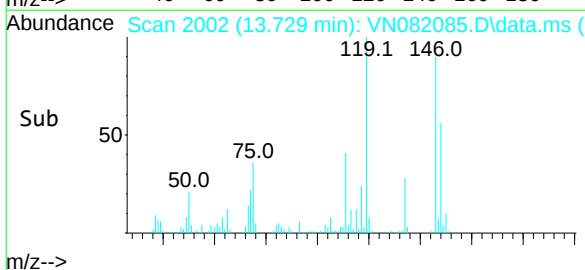
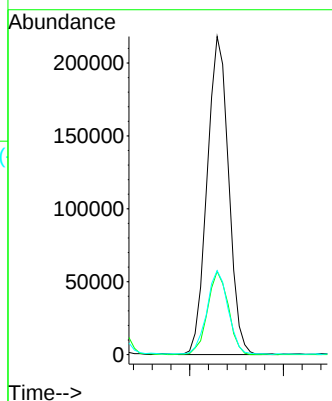
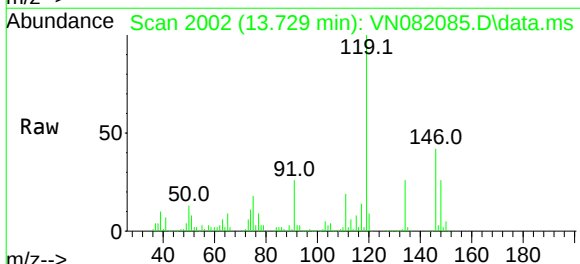
Manual Integrations
APPROVED

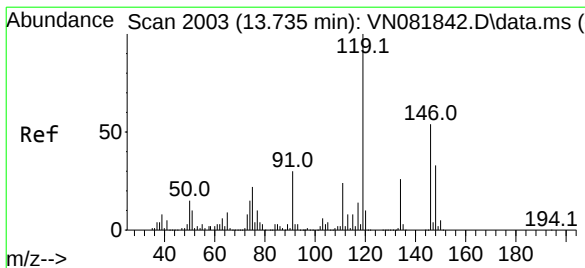
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#86
p-Isopropyltoluene
Concen: 48.087 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion:119 Resp: 348015
Ion Ratio Lower Upper
119 100
134 25.1 13.2 39.5
91 26.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.893 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

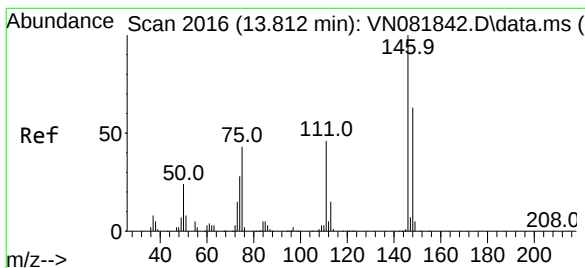
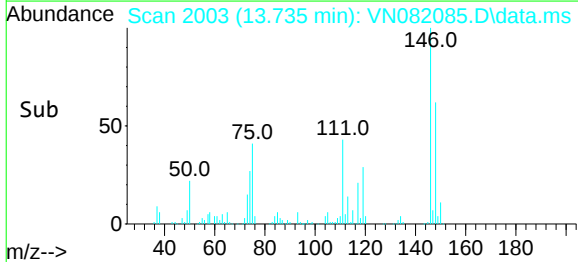
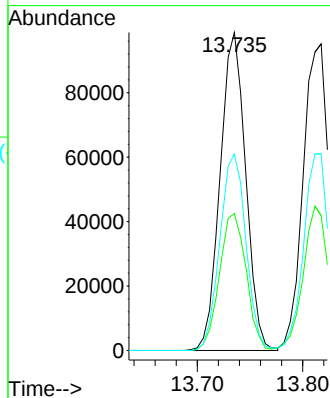
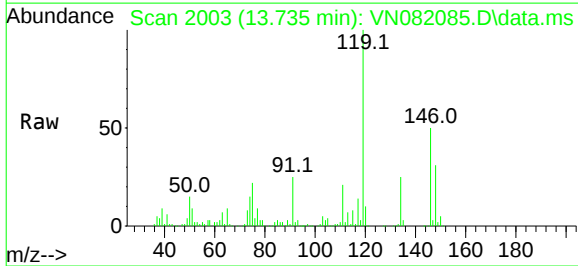
Tgt Ion:	146	Resp:	166259
Ion	Ratio	Lower	Upper
146	100		
111	45.1	20.8	62.5
148	63.0	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#88

1,4-Dichlorobenzene

Concen: 47.192 ug/l

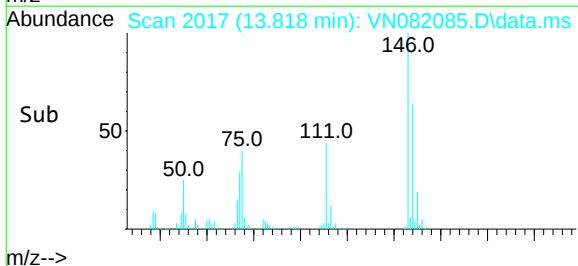
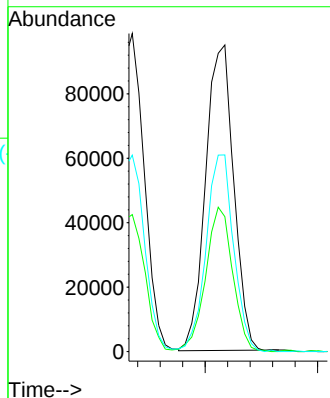
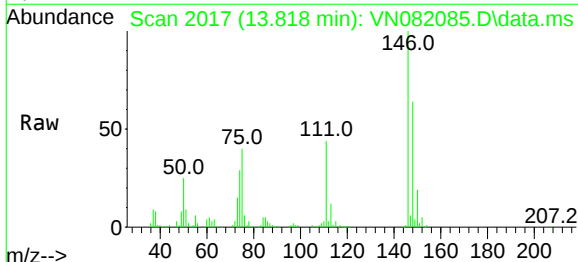
RT: 13.818 min Scan# 2017

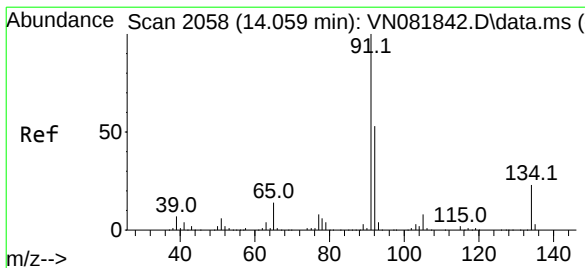
Delta R.T. 0.006 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Tgt Ion:	146	Resp:	164766
Ion	Ratio	Lower	Upper
146	100		
111	45.6	19.3	57.9
148	63.3	31.3	93.9





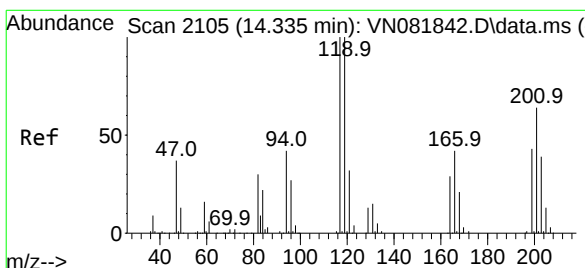
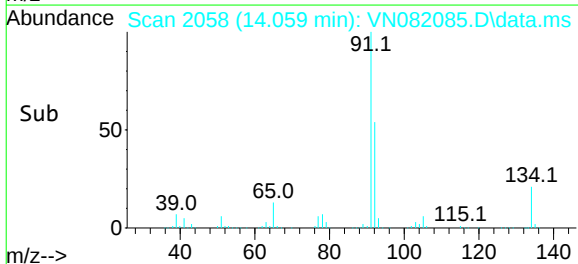
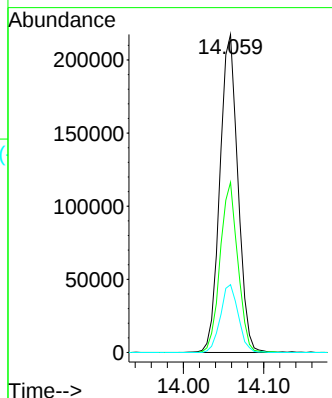
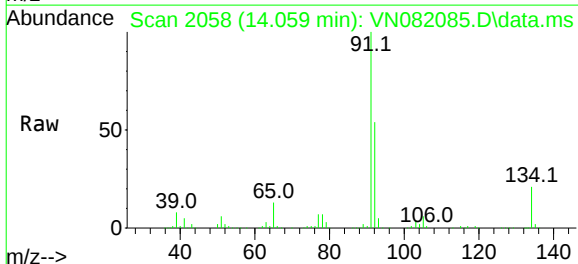
#89
n-Butylbenzene
Concen: 50.295 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 338807
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 21.2 13.2 39.5

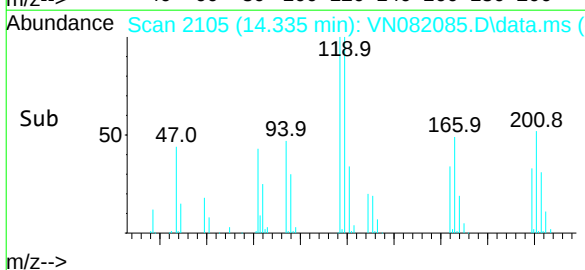
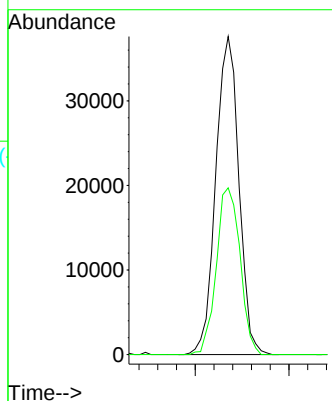
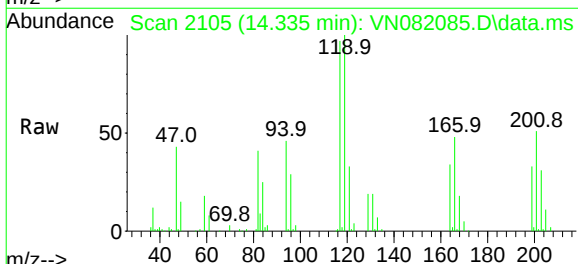
Manual Integrations
APPROVED

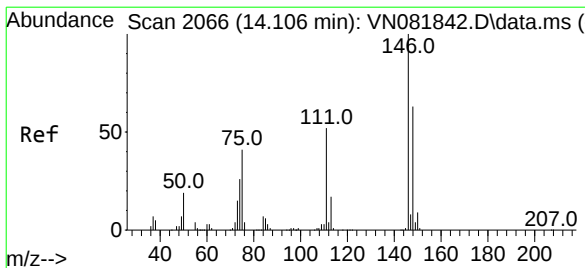
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#90
Hexachloroethane
Concen: 45.243 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion:117 Resp: 64412
Ion Ratio Lower Upper
117 100
201 53.7 33.3 99.8





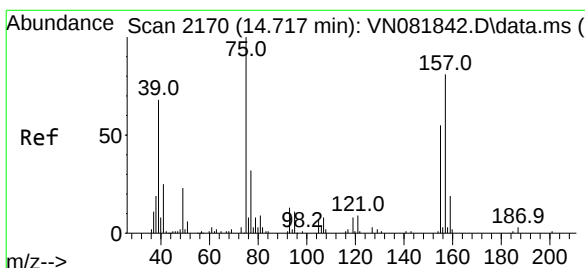
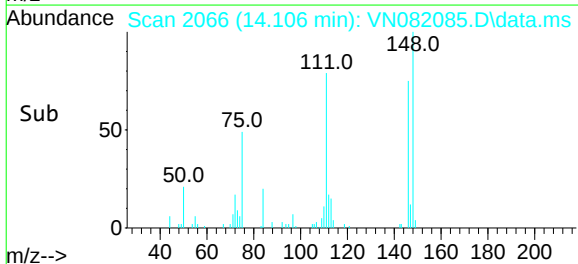
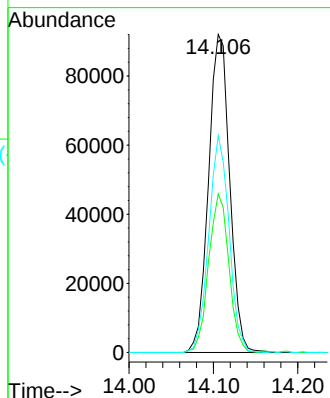
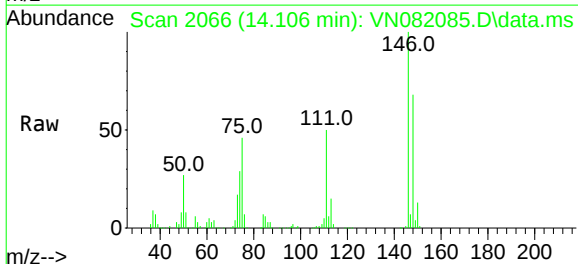
#91
1,2-Dichlorobenzene
Concen: 47.163 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 160298
Ion Ratio Lower Upper
146 100
111 47.7 21.3 64.0
148 65.5 31.8 95.4

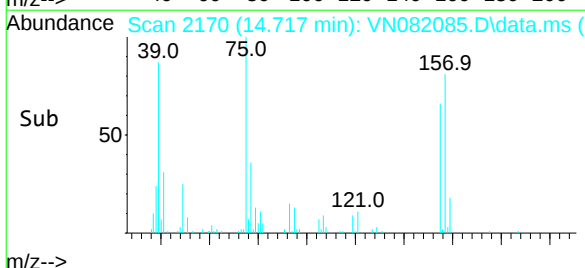
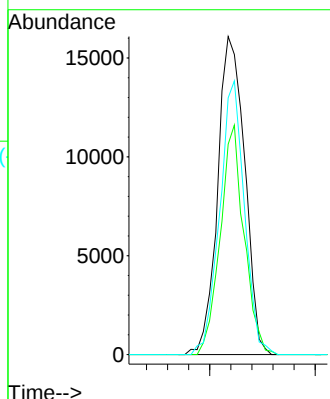
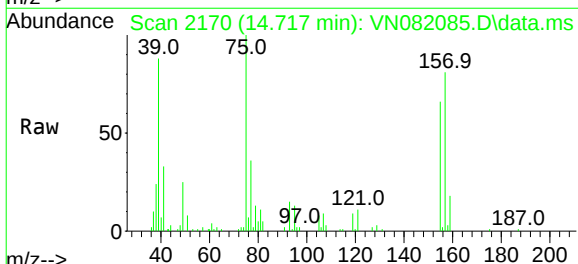
Manual Integrations
APPROVED

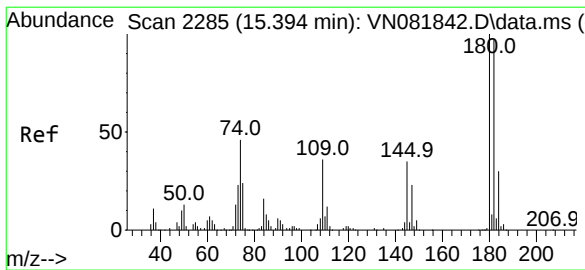
Reviewed By :John Carlone 05/13/2024
Supervised By :Mahesh Dadoda 05/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.220 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN082085.D
Acq: 10 May 2024 21:20

Tgt Ion: 75 Resp: 28692
Ion Ratio Lower Upper
75 100
155 63.4 42.6 128.0
157 78.6 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 42.917 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

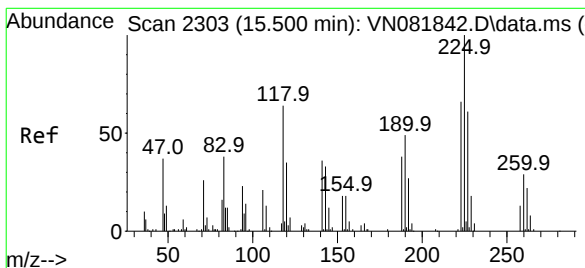
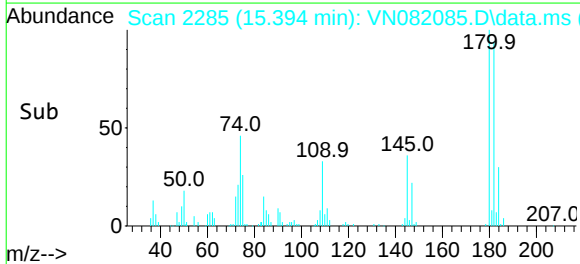
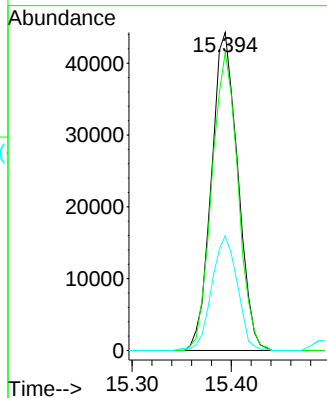
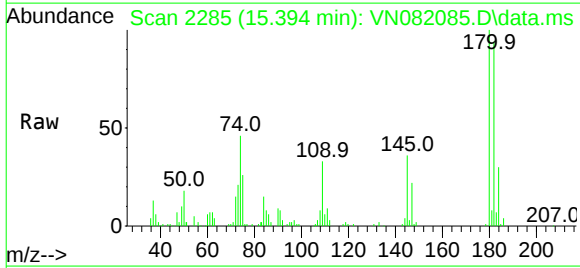
Tgt Ion:	180	Resp:	81607
Ion Ratio	Lower	Upper	
180	100		
182	93.1	46.7	140.0
145	35.0	16.2	48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#94

Hexachlorobutadiene

Concen: 40.406 ug/l

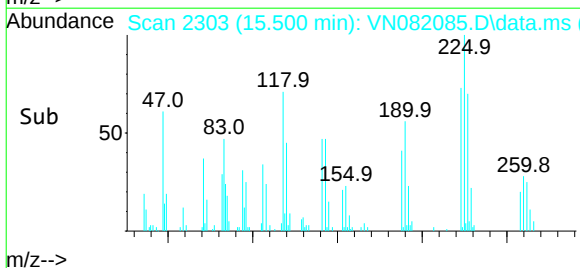
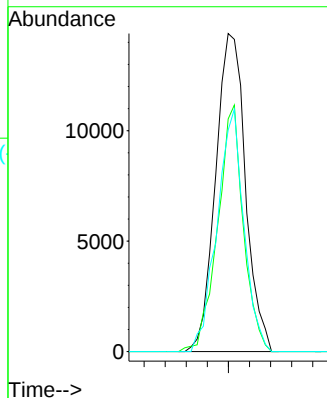
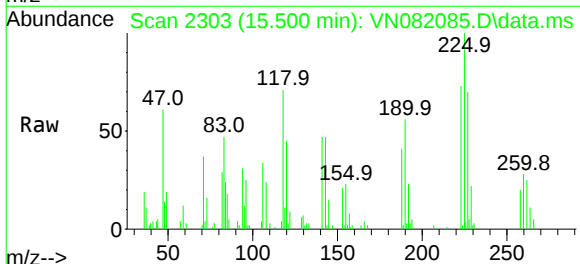
RT: 15.500 min Scan# 2303

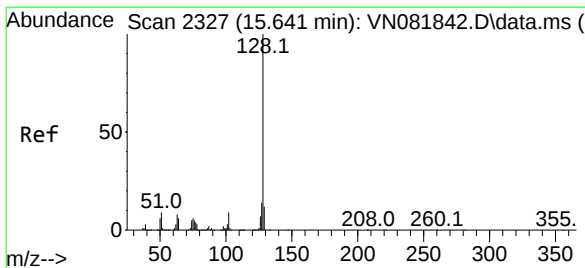
Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Tgt Ion:	225	Resp:	28319
Ion Ratio	Lower	Upper	
225	100		
223	66.7	31.1	93.2
227	68.4	30.6	91.6





#95

Naphthalene

Concen: 47.726 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

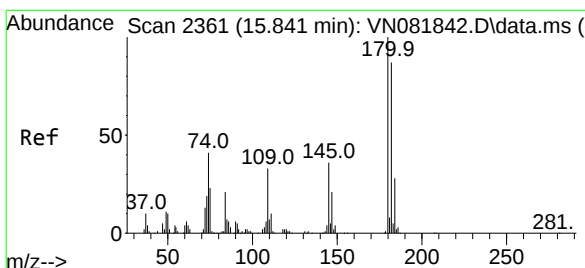
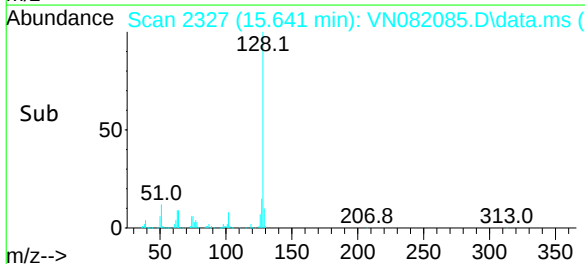
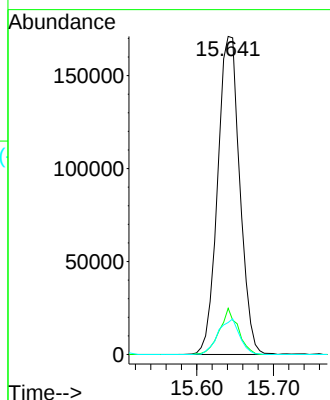
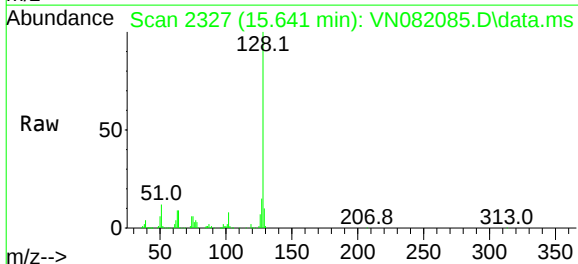
Tgt Ion:	128	Resp:	342919
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.1	15.1
129	10.9	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2024

Supervised By :Mahesh Dadoda 05/13/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.631 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082085.D

Acq: 10 May 2024 21:20

Tgt Ion:	180	Resp:	85131
Ion Ratio	Lower	Upper	
180	100		
182	93.6	46.0	137.8
145	38.3	17.1	51.3

