

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081365.D
 Acq On : 11 Mar 2024 16:48
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2024
 Supervised By : Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 06:03:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.000	168	220	50.000	ug/l	-0.22
34) 1,4-Difluorobenzene	8.859	114	638864	50.000	ug/l	-0.25
63) Chlorobenzene-d5	11.812	117	429579	50.000	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	13.782	152	269474	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.259	65	253227	79607.206	ug/l	-0.32
Spiked Amount 50.000	Range 74 - 125		Recovery = 159214.420%#			
35) Dibromofluoromethane	7.782	113	202052	51.621	ug/l	-0.38
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	10.453	98	758625	51.847	ug/l	-0.12
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.523	95	128	0.025	ug/l	-0.33
Spiked Amount 50.000	Range 64 - 133		Recovery = 0.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	68	23.317	ug/l #	44
3) Chloromethane	2.330	50	188	59.679	ug/l #	43
4) Vinyl Chloride	2.189	62	55	16.736	ug/l #	1
5) Bromomethane	2.665	94	54	24.603	ug/l #	6
7) Trichlorofluoromethane	3.359	101	209849	43165.172	ug/l	99
8) Diethyl Ether	4.012	74	66590	38878.190	ug/l #	3
10) Methyl Iodide	4.465	142	54	21.315	ug/l #	39
11) Tert butyl alcohol	5.412	59	58	104.276	ug/l #	72
12) 1,1-Dichloroethene	4.094	96	115	44.855	ug/l #	1
13) Acrolein	4.071	56	59	89.581	ug/l #	50
14) Allyl chloride	4.877	41	143775	37786.992	ug/l #	65
15) Acrylonitrile	5.524	53	76	52.303	ug/l #	18
16) Acetone	4.536	43	24526	21761.651	ug/l #	55
18) Methyl Acetate	4.865	43	143482	44466.233	ug/l	97
19) Methyl tert-butyl Ether	5.624	73	71	8.165	ug/l #	53
21) trans-1,2-Dichloroethene	5.665	96	204	70.575	ug/l #	1
22) Diisopropyl ether	6.641	45	79	9.348	ug/l #	39
23) Vinyl Acetate	6.430	43	355	51.708	ug/l #	75
25) 2-Butanone	7.377	43	100685	53345.266	ug/l #	1
27) cis-1,2-Dichloroethene	7.065	96	698	212.991	ug/l #	1
28) Bromochloromethane	7.553	49	36593	16531.331	ug/l #	26
29) Tetrahydrofuran	7.383	42	433725	336996.655	ug/l	89
30) Chloroform	7.547	83	423118	78816.432	ug/l	99
31) Cyclohexane	7.971	56	420925	87402.603	ug/l #	26
32) 1,1,1-Trichloroethane	7.777	97	378781	79823.319	ug/l #	90
36) 1,1-Dichloropropene	8.018	75	314594	49.820	ug/l	96
37) Ethyl Acetate	7.377	43	100685	16.311	ug/l #	74
38) Carbon Tetrachloride	8.000	117	318544	50.123	ug/l	98
39) Methylcyclohexane	9.400	83	351990	48.435	ug/l #	88
40) Benzene	8.288	78	907511	48.148	ug/l	96
41) Methacrylonitrile	7.383	41	258008	74.015	ug/l #	46
42) 1,2-Dichloroethane	8.365	62	329016	49.508	ug/l	98
43) Isopropyl Acetate	8.406	43	506310	46.862	ug/l	92
44) Trichloroethene	9.135	130	236331	49.714	ug/l	97
45) 1,2-Dichloropropane	9.429	63	237551	50.170	ug/l	94
46) Dibromomethane	9.524	93	163528	48.998	ug/l #	91

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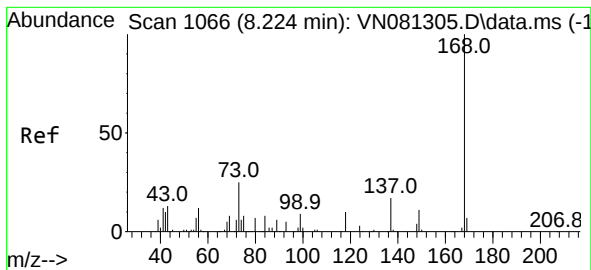
Manual Integrations
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 Supervised By : Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 06:03:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	9.724	83	338412	52.232	ug/l #	93
48) Methyl methacrylate	9.412	41	287407	60.181	ug/l #	41
49) 1,4-Dioxane	9.512	88	87430	830.600	ug/l	87
51) 4-Methyl-2-Pentanone	10.329	43	1507517	240.302	ug/l	95
52) Toluene	10.518	92	571896	50.228	ug/l	100
53) t-1,3-Dichloropropene	10.747	75	370838	52.900	ug/l	96
54) cis-1,3-Dichloropropene	10.182	75	391770	51.769	ug/l	95
55) 1,1,2-Trichloroethane	10.929	97	223703	49.545	ug/l	95
56) Ethyl methacrylate	10.794	69	348898	53.814	ug/l	91
57) 1,3-Dichloropropane	10.741	76	14543	1.846	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.029	63	920675	263.991	ug/l #	89
59) 2-Hexanone	11.123	43	1123129	239.477	ug/l	96
60) Dibromochloromethane	11.288	129	243189	52.298	ug/l	100
61) 1,2-Dibromoethane	11.400	107	232767	49.685	ug/l	99
64) Tetrachloroethene	11.018	164	218777	65.043	ug/l	93
65) Chlorobenzene	11.841	112	603685	66.688	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.912	131	226113	68.261	ug/l	98
67) Ethyl Benzene	11.918	91	1126946	69.111	ug/l	99
68) m/p-Xylenes	12.029	106	849329	138.400	ug/l	99
69) o-Xylene	12.365	106	418522	70.370	ug/l	96
70) Styrene	12.376	104	689826	73.191	ug/l	99
71) Bromoform	12.547	173	159864	69.515	ug/l #	99
73) Isopropylbenzene	12.670	105	1097896	50.455	ug/l	98
74) N-amyl acetate	12.470	43	459932	50.375	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.917	83	293641	43.727	ug/l	97
76) 1,2,3-Trichloropropane	12.976	75	298331m	46.871	ug/l	
77) Bromobenzene	12.959	156	238820	46.290	ug/l	80
78) n-propylbenzene	13.017	91	1330768	51.706	ug/l	97
79) 2-Chlorotoluene	13.106	91	767898	48.812	ug/l	94
80) 1,3,5-Trimethylbenzene	13.159	105	927929	51.587	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	109013	47.799	ug/l	90
82) 4-Chlorotoluene	13.206	91	775043	49.878	ug/l	96
83) tert-Butylbenzene	13.423	119	780175	50.592	ug/l	95
84) 1,2,4-Trimethylbenzene	13.470	105	929468	51.002	ug/l	97
85) sec-Butylbenzene	13.606	105	1125188	50.436	ug/l	95
86) p-Isopropyltoluene	13.723	119	935371	52.281	ug/l	98
87) 1,3-Dichlorobenzene	13.723	146	458761	47.092	ug/l	95
88) 1,4-Dichlorobenzene	13.800	146	452849	46.507	ug/l	98
89) n-Butylbenzene	14.047	91	857619	52.271	ug/l	98
90) Hexachloroethane	14.329	117	153538	49.017	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	437727	46.832	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	64514	44.894	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	265729	53.187	ug/l	100
94) Hexachlorobutadiene	15.500	225	99910	48.396	ug/l	96
95) Naphthalene	15.641	128	914096	51.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	256487	50.623	ug/l	100

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



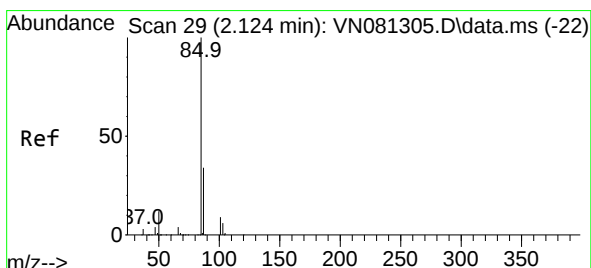
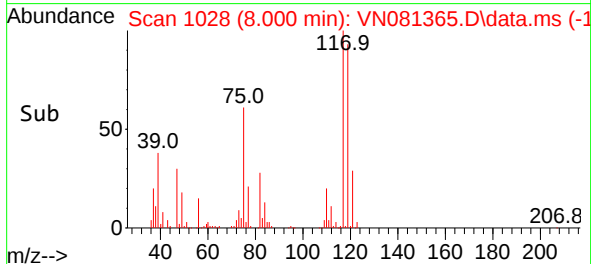
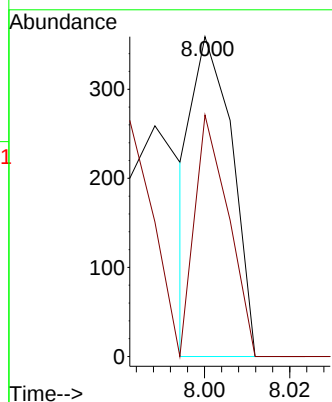
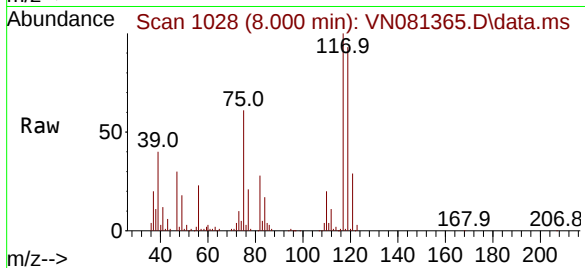
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.000 min Scan# 10
Delta R.T. -0.224 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 220
Ion Ratio Lower Upper
168 100
99 75.5 59.9 89.9

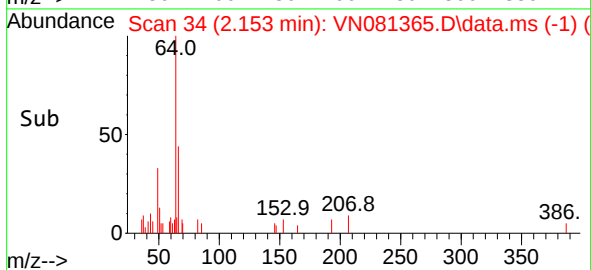
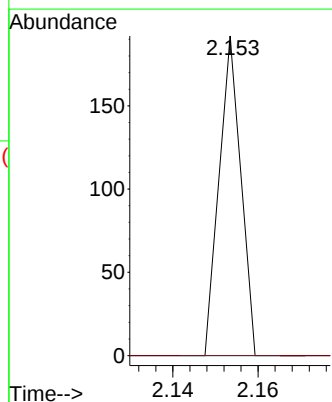
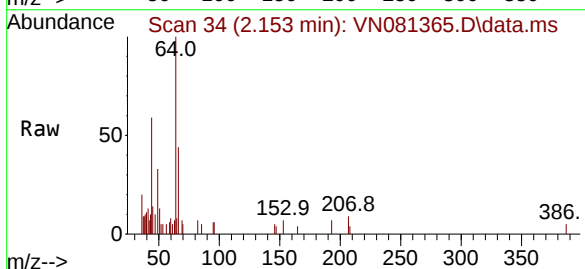
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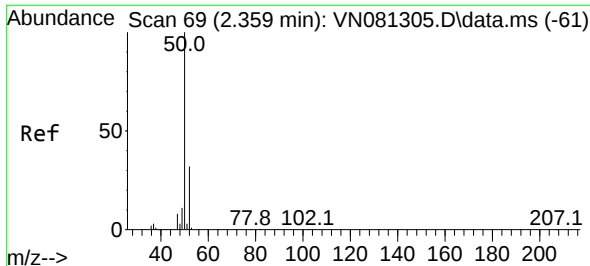
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#2
Dichlorodifluoromethane
Concen: 23.317 ug/l
RT: 2.153 min Scan# 34
Delta R.T. 0.029 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

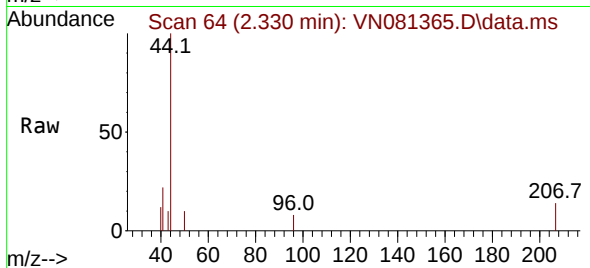
Tgt Ion: 85 Resp: 68
Ion Ratio Lower Upper
85 100
87 0.0 15.3 45.9#





#3
Chloromethane
Concen: 59.679 ug/l
RT: 2.330 min Scan# 64
Delta R.T. -0.029 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

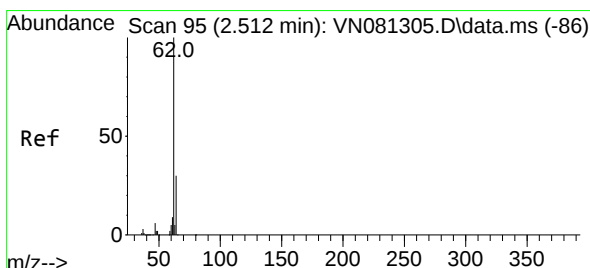
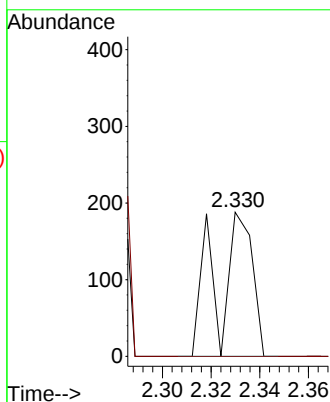
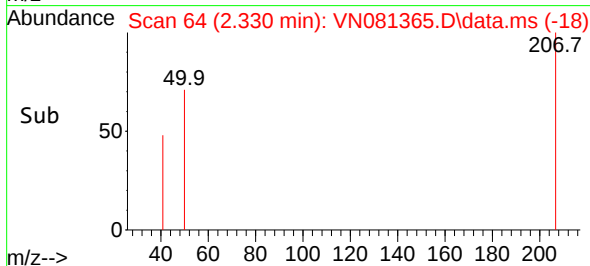
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 188
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4

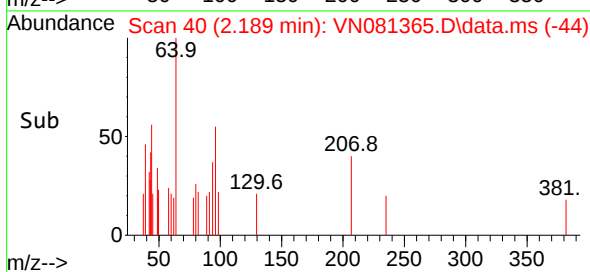
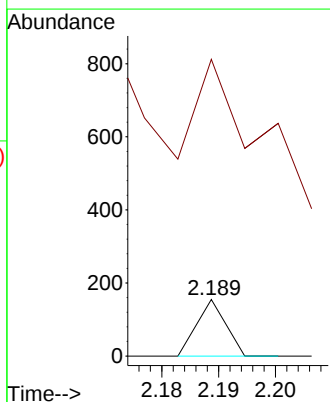
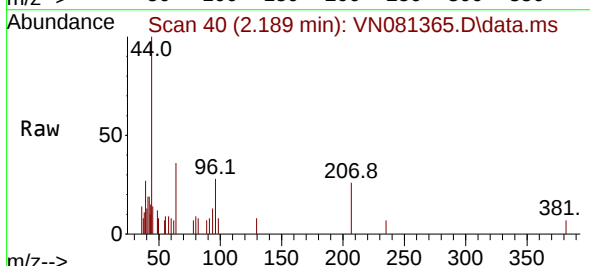
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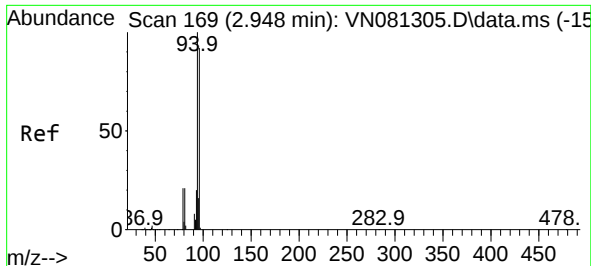
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#4
Vinyl Chloride
Concen: 16.736 ug/l
RT: 2.189 min Scan# 40
Delta R.T. -0.324 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion: 62 Resp: 55
Ion Ratio Lower Upper
62 100
64 176.1 22.7 34.1





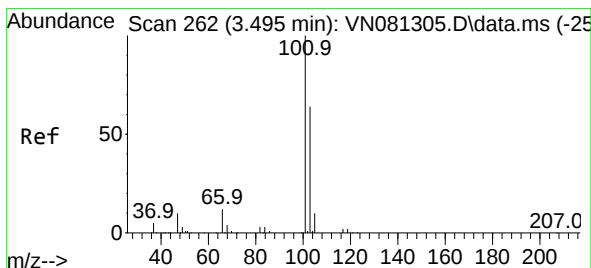
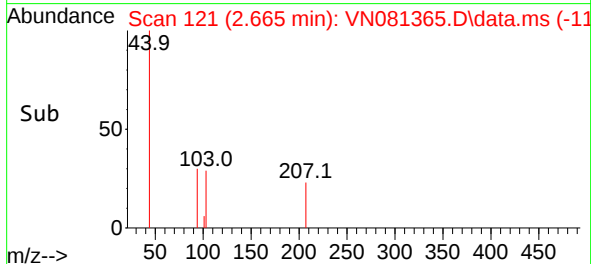
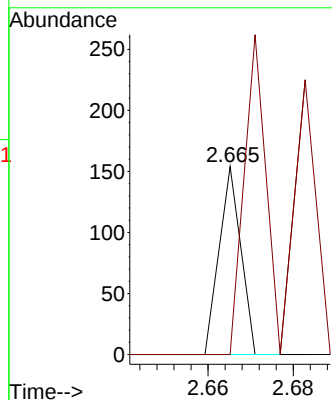
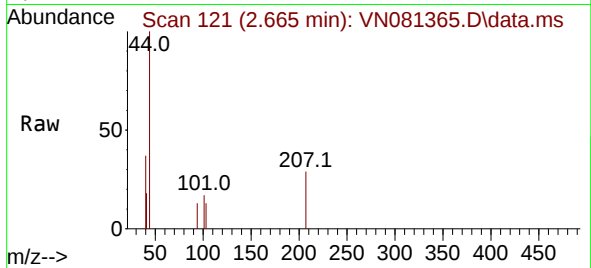
#5
Bromomethane
Concen: 24.603 ug/l
RT: 2.665 min Scan# 11
Delta R.T. -0.282 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 54
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8

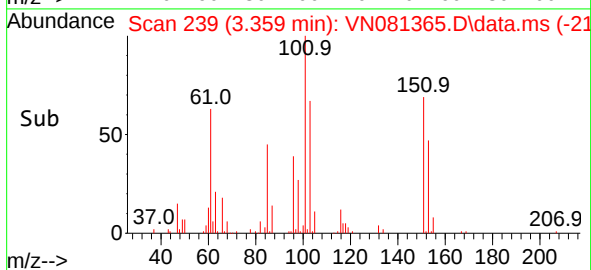
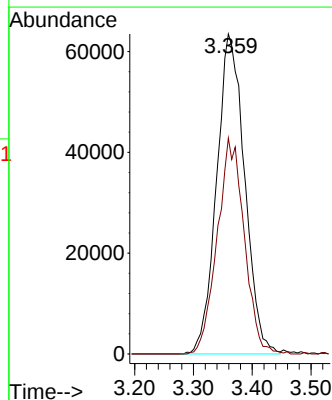
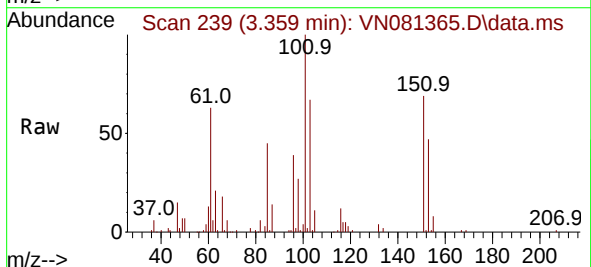
Manual Integrations
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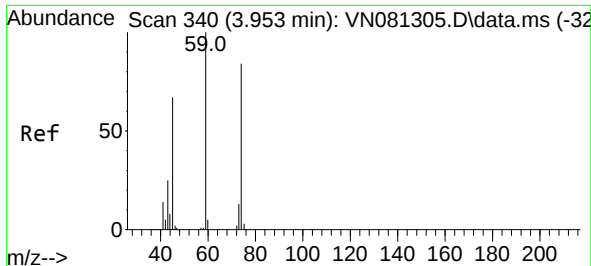
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#7
Trichlorofluoromethane
Concen: 43165.172 ug/l
RT: 3.359 min Scan# 239
Delta R.T. -0.135 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion:101 Resp: 209849
Ion Ratio Lower Upper
101 100
103 67.5 54.4 81.6





#8

Diethyl Ether

Concen: 38878.190 ug/l

RT: 4.012 min Scan# 31

Delta R.T. 0.059 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 74 Resp: 66590

Ion Ratio Lower Upper

74 100

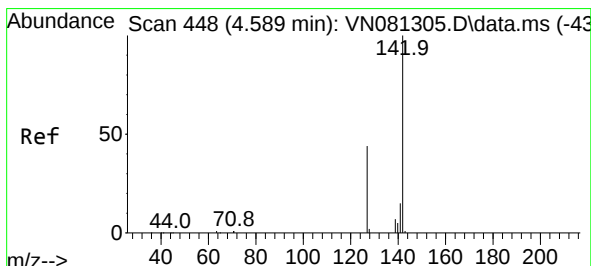
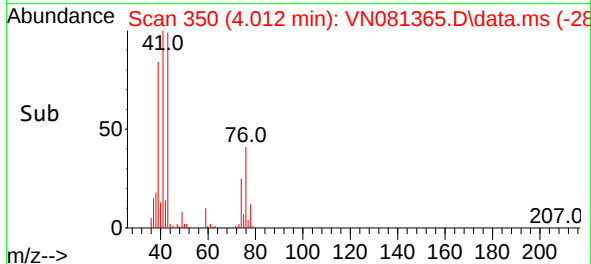
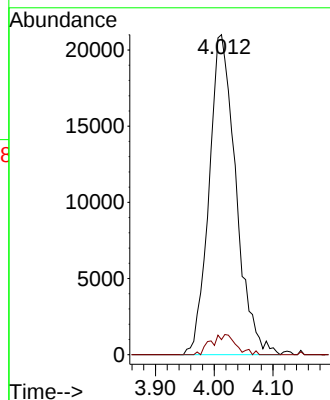
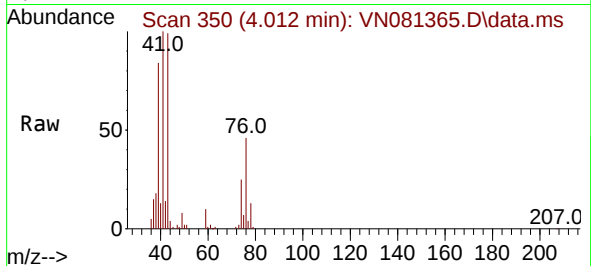
45 5.9 53.3 159.9

Manual Integrations

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Supervised By :Mahesh Dadoda 03/12/2024



#10

Methyl Iodide

Concen: 21.315 ug/l

RT: 4.465 min Scan# 427

Delta R.T. -0.124 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

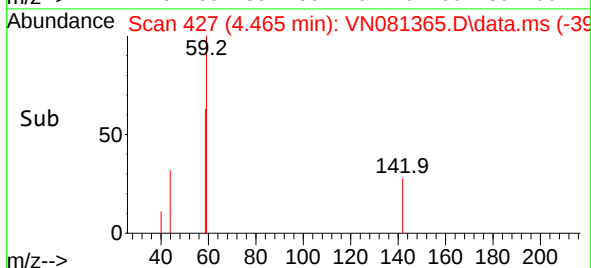
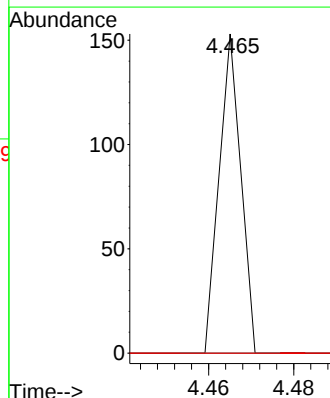
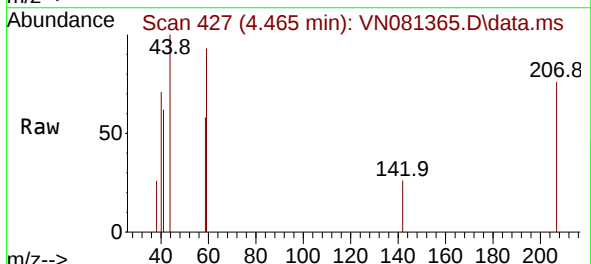
Tgt Ion:142 Resp: 54

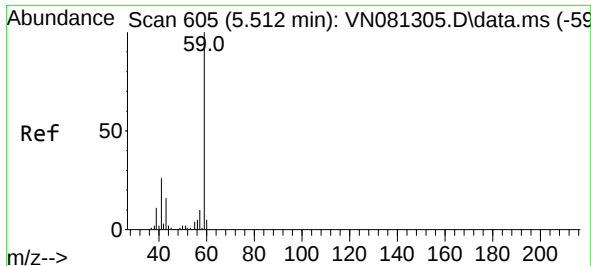
Ion Ratio Lower Upper

142 100

127 0.0 37.0 55.4#

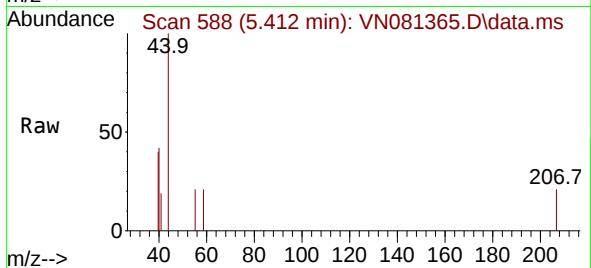
141 0.0 12.5 18.7#





#11
Tert butyl alcohol
Concen: 104.276 ug/l
RT: 5.412 min Scan# 588
Delta R.T. -0.100 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

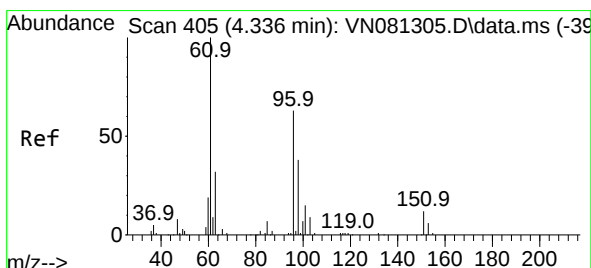
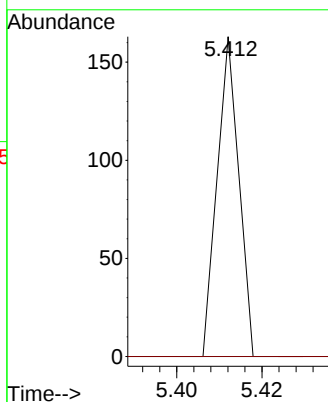
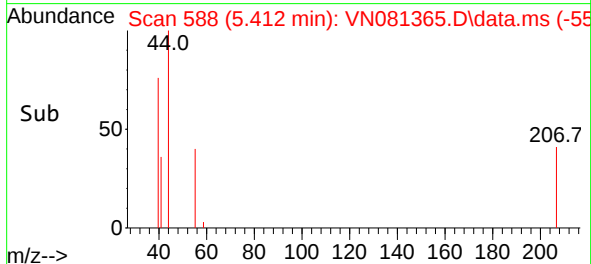
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



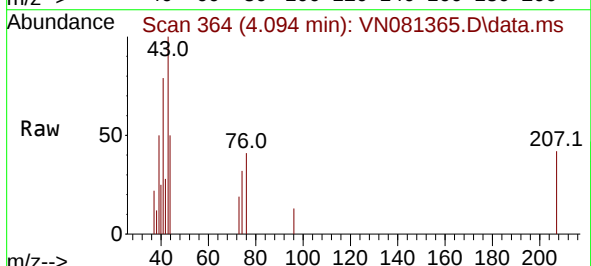
Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8

Manual Integrations
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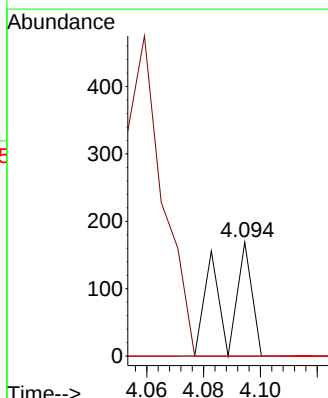
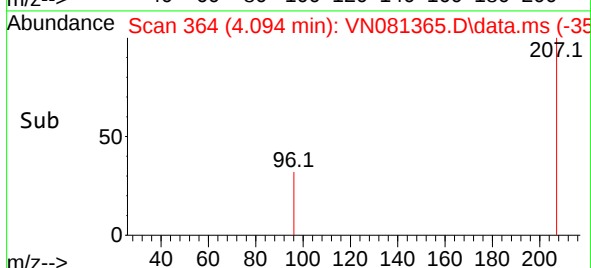
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

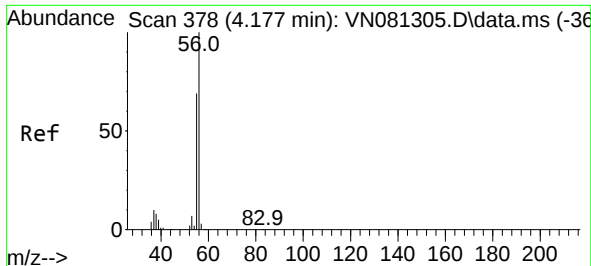


#12
1,1-Dichloroethene
Concen: 44.855 ug/l
RT: 4.094 min Scan# 364
Delta R.T. -0.241 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48



Tgt Ion: 96 Resp: 115
Ion Ratio Lower Upper
96 100
61 0.0 138.2 207.4#
98 0.0 49.2 73.8#





#13

Acrolein

Concen: 89.581 ug/l

RT: 4.071 min Scan# 30

Delta R.T. -0.106 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

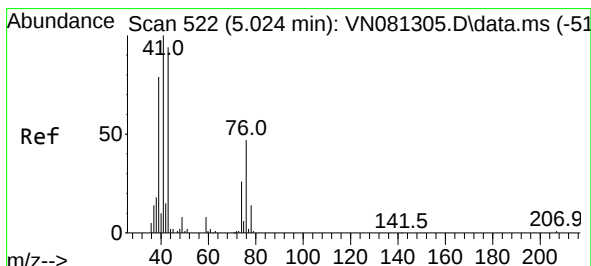
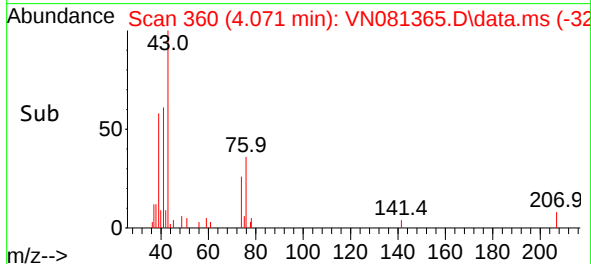
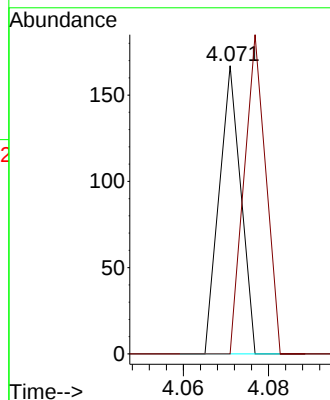
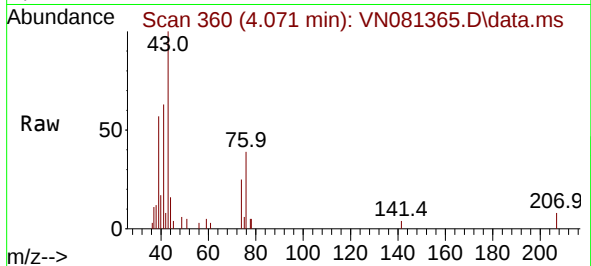
Tgt Ion: 56 Resp: 55
 Ion Ratio Lower Upper
 56 100
 55 110.2 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#14

Allyl chloride

Concen: 37786.992 ug/l

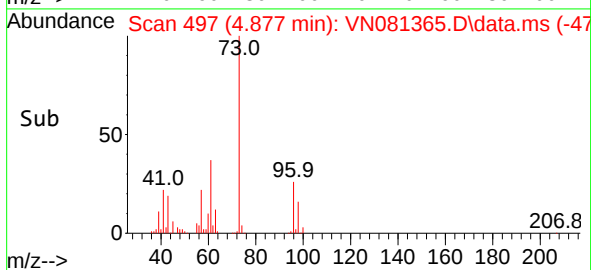
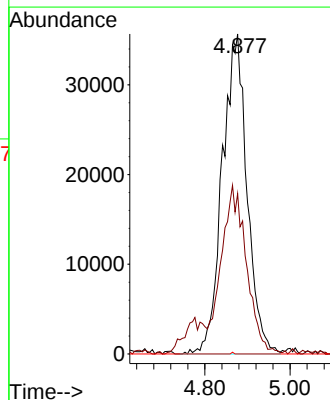
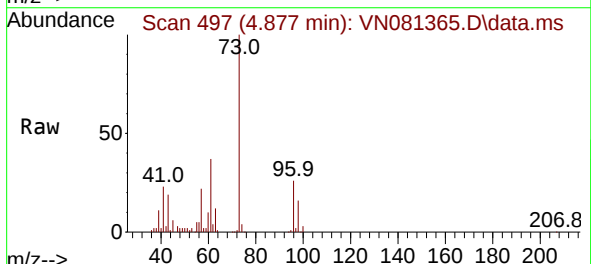
RT: 4.877 min Scan# 497

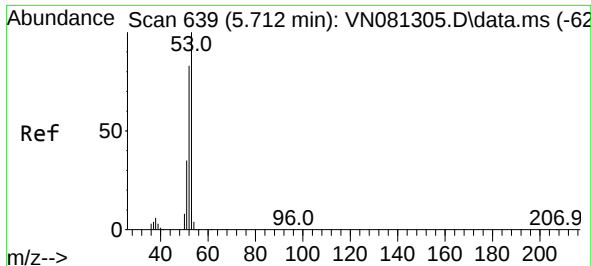
Delta R.T. -0.147 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

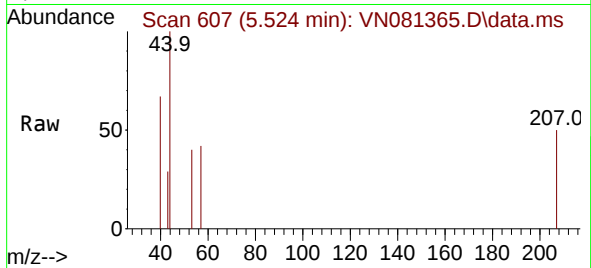
Tgt Ion: 41 Resp: 143775
 Ion Ratio Lower Upper
 41 100
 39 52.7 57.7 86.5#
 76 0.0 26.8 40.2#





#15
Acrylonitrile
Concen: 52.303 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.188 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

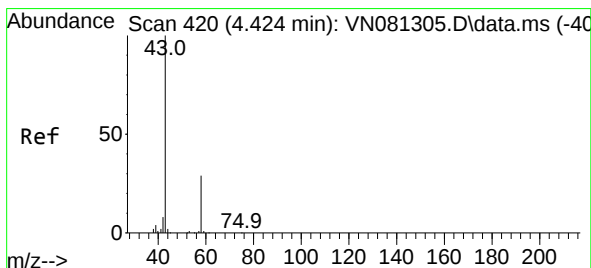
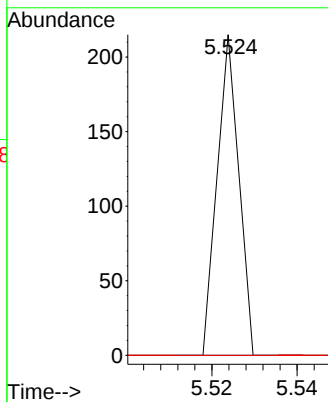
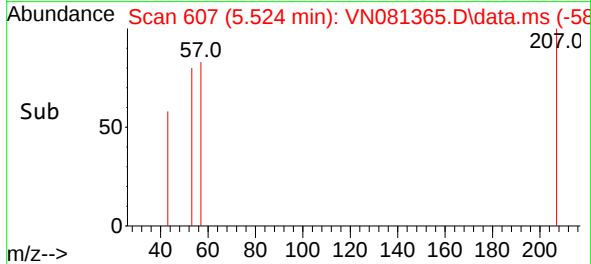
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 70
Ion Ratio Lower Upper
53 100
52 0.0 64.8 97.2
51 0.0 26.9 40.3

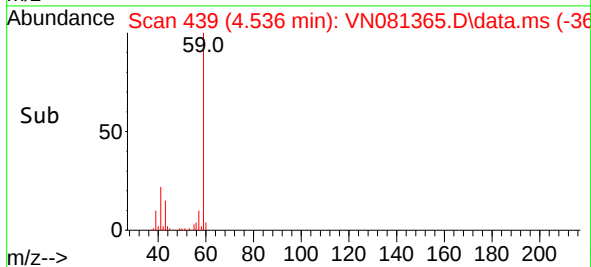
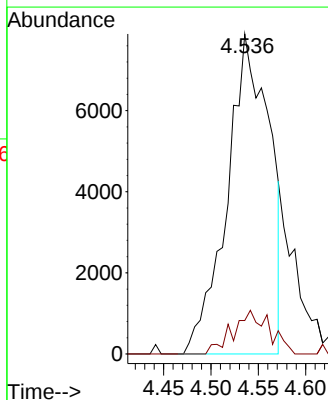
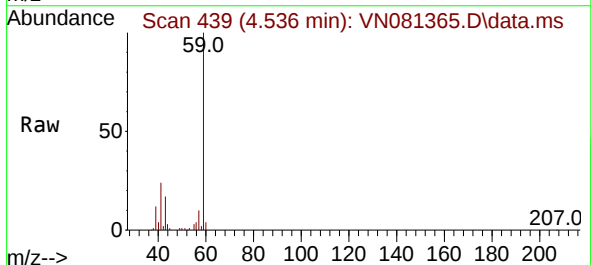
Manual Integrations
APPROVED

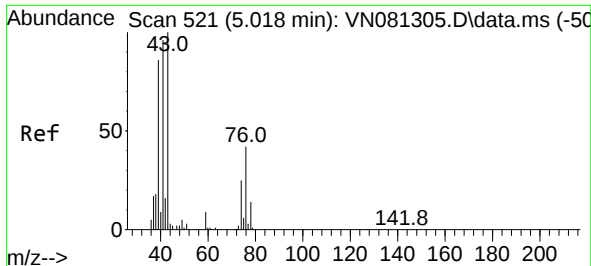
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#16
Acetone
Concen: 21761.651 ug/l
RT: 4.536 min Scan# 439
Delta R.T. 0.112 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

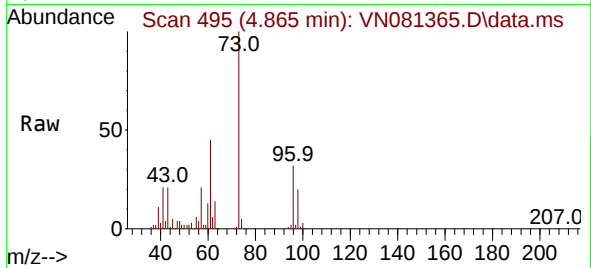
Tgt Ion: 43 Resp: 24526
Ion Ratio Lower Upper
43 100
58 6.1 24.8 37.2





#18
Methyl Acetate
Concen: 44466.233 ug/l
RT: 4.865 min Scan# 495
Delta R.T. -0.153 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

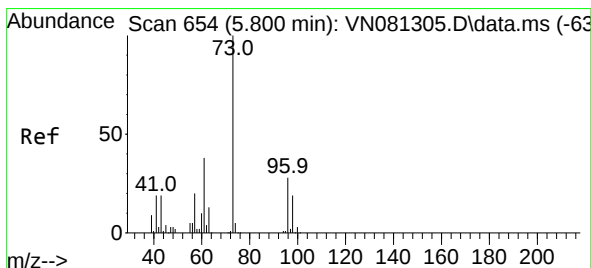
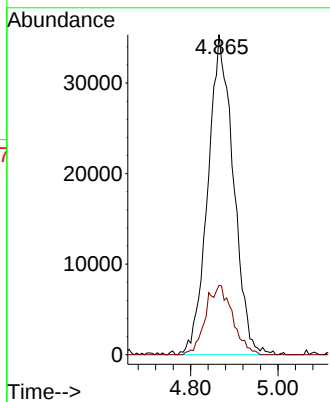
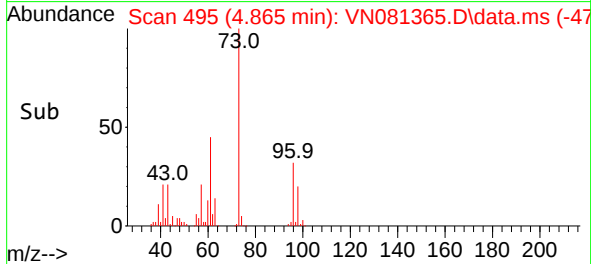
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 14348
Ion Ratio Lower Upper
43 100
74 22.8 17.3 25.9

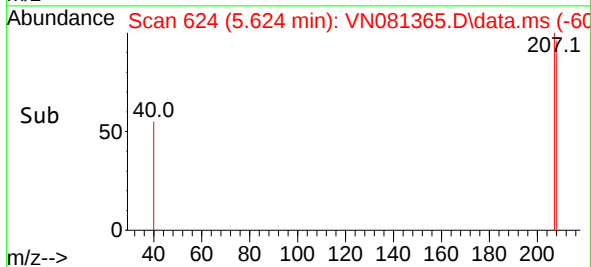
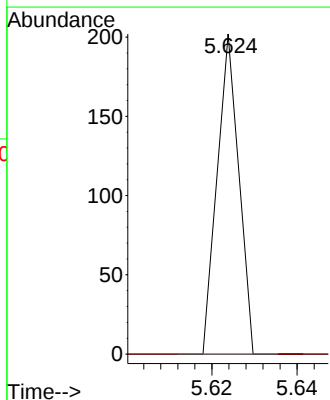
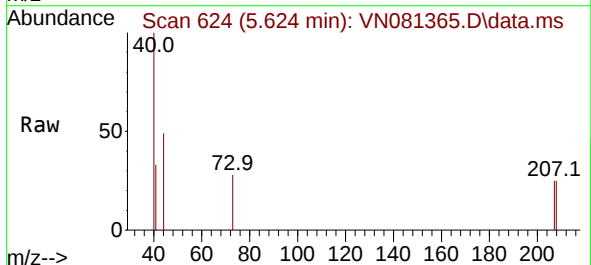
Manual Integrations
APPROVED

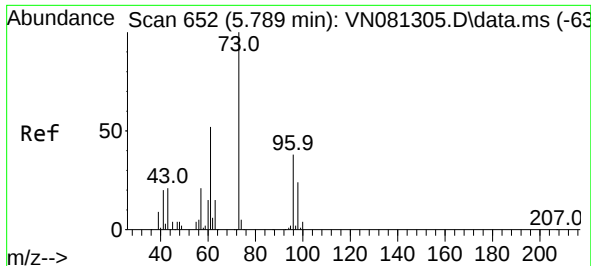
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#19
Methyl tert-butyl Ether
Concen: 8.165 ug/l
RT: 5.624 min Scan# 624
Delta R.T. -0.177 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

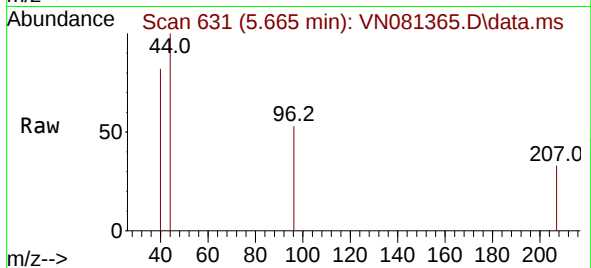
Tgt Ion: 73 Resp: 71
Ion Ratio Lower Upper
73 100
57 0.0 18.2 27.4





#21
trans-1,2-Dichloroethene
Concen: 70.575 ug/l
RT: 5.665 min Scan# 61
Delta R.T. -0.124 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

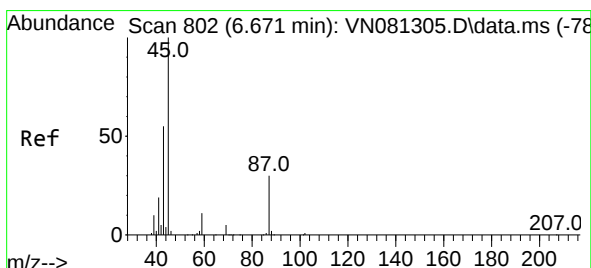
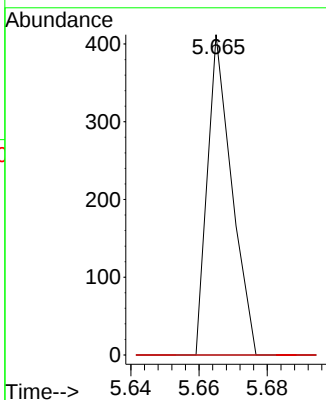
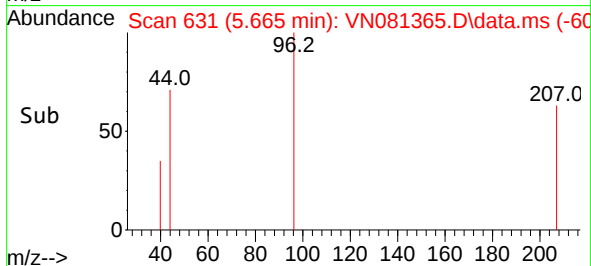
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 204
Ion Ratio Lower Upper
96 100
61 0.0 112.8 169.2#
98 0.0 51.0 76.4#

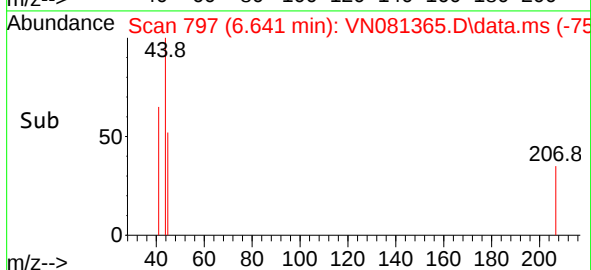
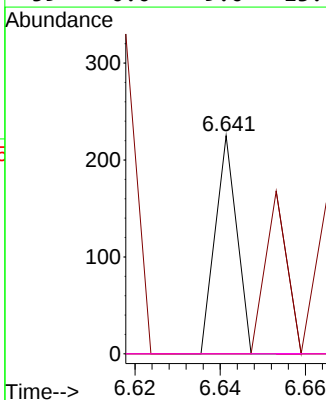
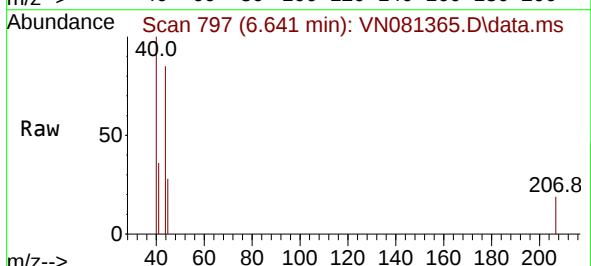
Manual Integrations
APPROVED

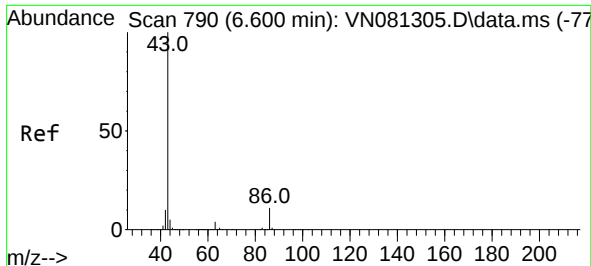
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#22
Diisopropyl ether
Concen: 9.348 ug/l
RT: 6.641 min Scan# 797
Delta R.T. -0.029 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion: 45 Resp: 79
Ion Ratio Lower Upper
45 100
43 0.0 41.8 62.8#
87 0.0 18.1 27.1#
59 0.0 9.0 13.6#





#23
 Vinyl Acetate
 Concen: 51.708 ug/l
 RT: 6.430 min Scan# 709
 Delta R.T. -0.171 min
 Lab File: VN081365.D
 Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

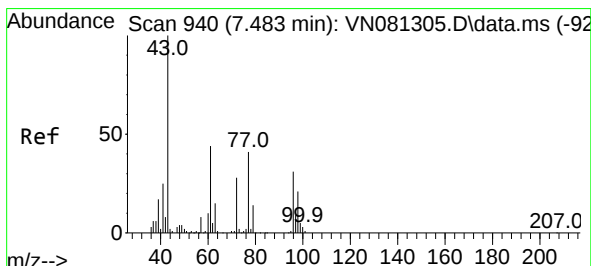
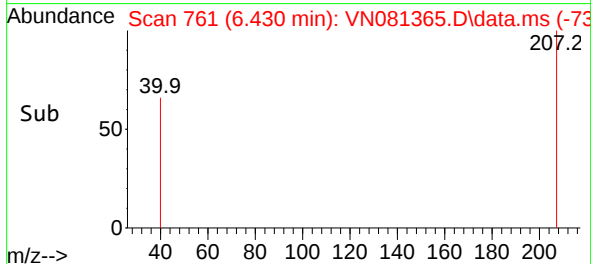
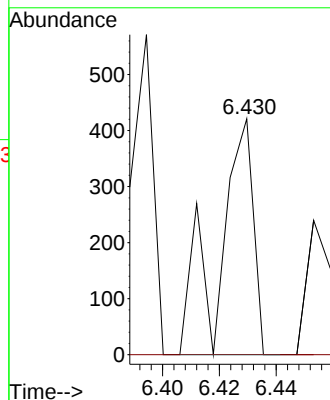
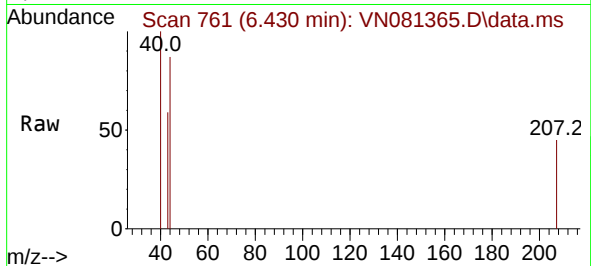
VSTDCCC050EC

Tgt Ion: 43 Resp: 358
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7

Manual Integrations

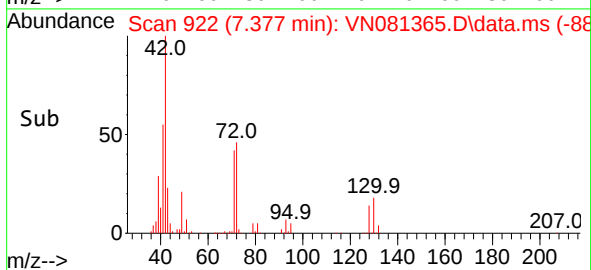
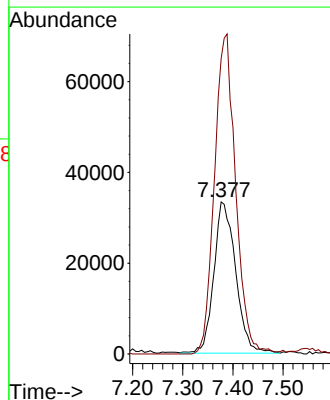
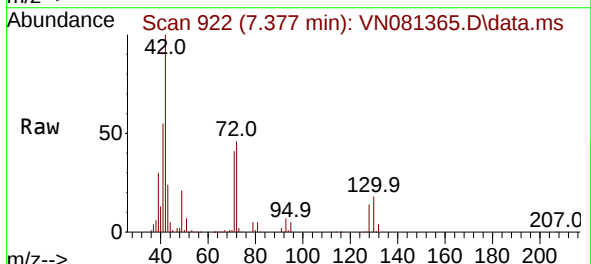
APPROVED

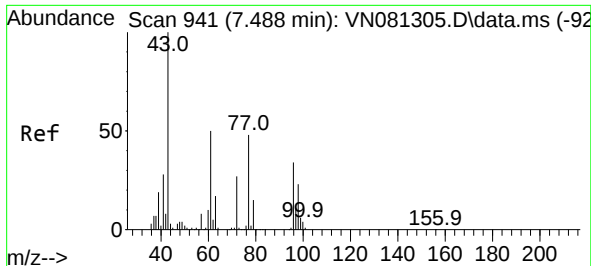
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#25
 2-Butanone
 Concen: 53345.266 ug/l
 RT: 7.377 min Scan# 922
 Delta R.T. -0.106 min
 Lab File: VN081365.D
 Acq: 11 Mar 2024 16:48

Tgt Ion: 43 Resp: 100685
 Ion Ratio Lower Upper
 43 100
 72 195.5 19.5 29.3





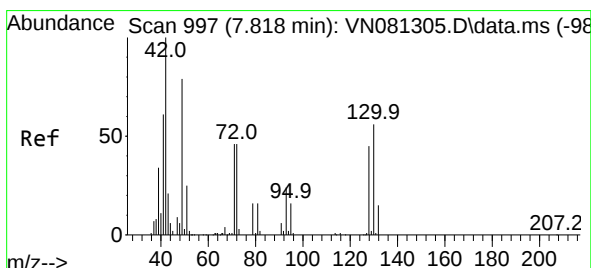
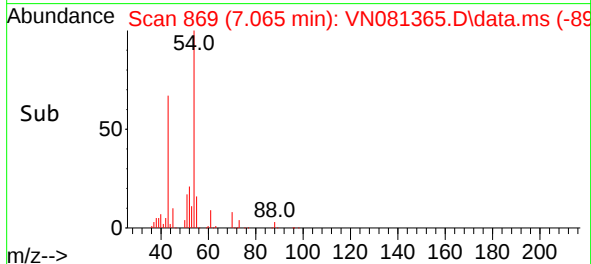
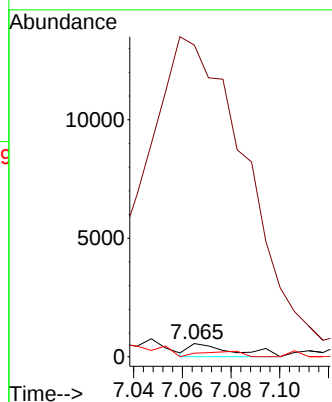
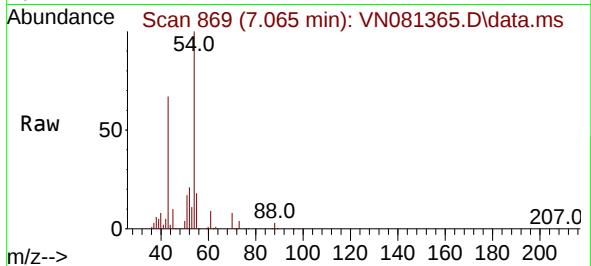
#27
cis-1,2-Dichloroethene
Concen: 212.991 ug/l
RT: 7.065 min Scan# 80
Delta R.T. -0.424 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 698
Ion Ratio Lower Upper
96 100
61 5709.2 0.0 325.4
98 0.0 0.0 130.4

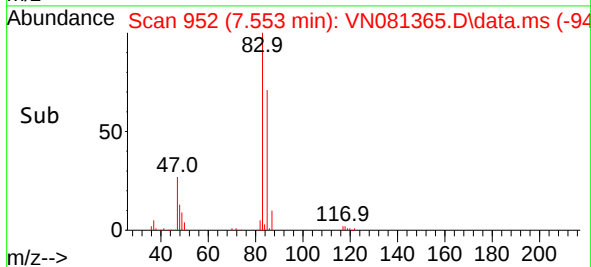
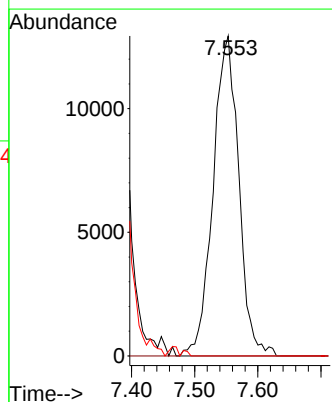
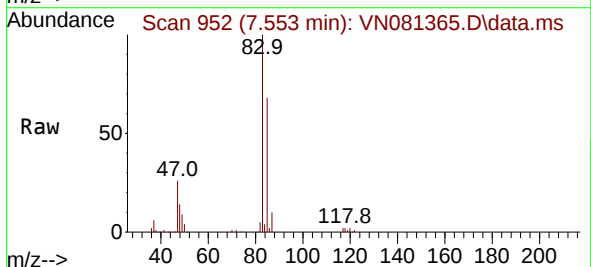
Manual Integrations
APPROVED

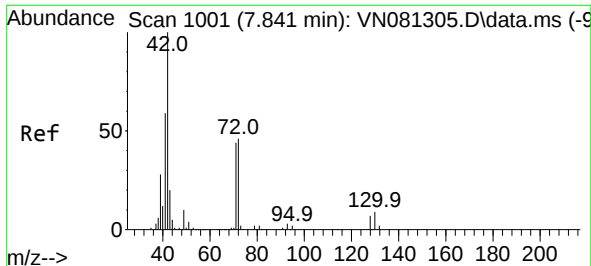
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#28
Bromochloromethane
Concen: 16531.331 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.265 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion: 49 Resp: 36593
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 0.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 336996.655 ug/l

RT: 7.383 min Scan# 91

Delta R.T. -0.459 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 433725

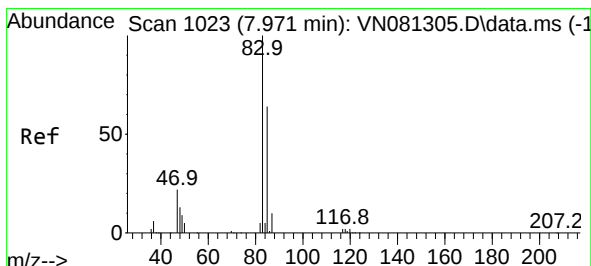
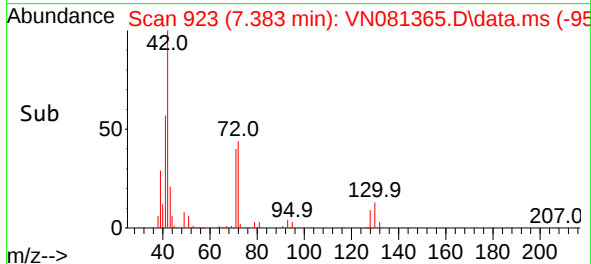
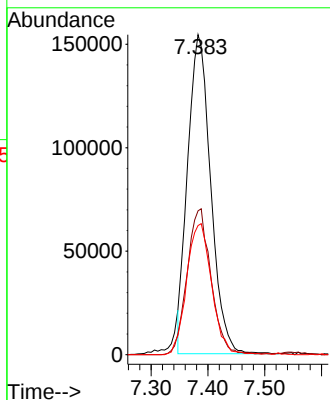
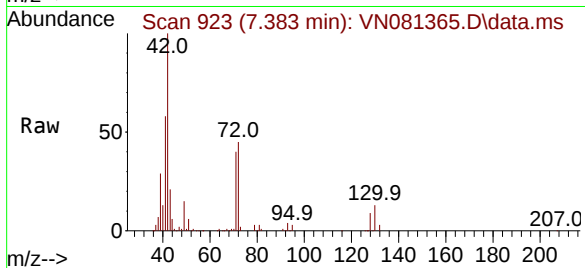
Ion	Ratio	Lower	Upper
42	100		
72	45.6	31.1	46.7
71	42.1	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#30

Chloroform

Concen: 78816.432 ug/l

RT: 7.547 min Scan# 951

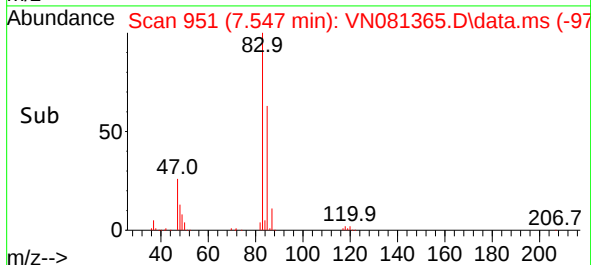
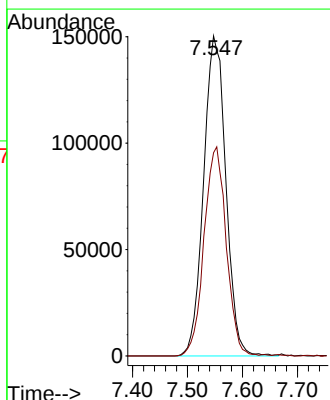
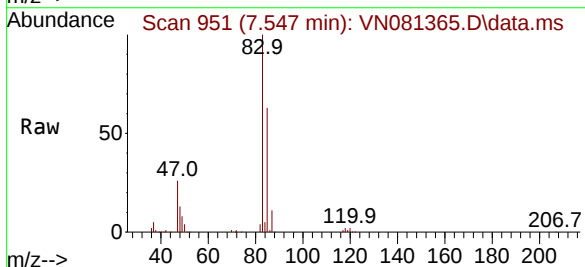
Delta R.T. -0.424 min

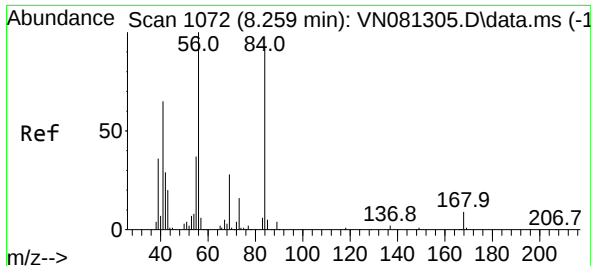
Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Tgt Ion: 83 Resp: 423118

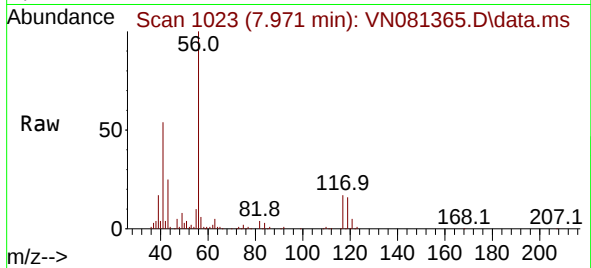
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.0	76.6





#31
Cyclohexane
Concen: 87402.603 ug/l
RT: 7.971 min Scan# 1072
Delta R.T. -0.288 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

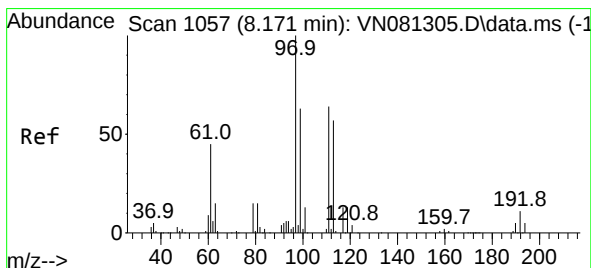
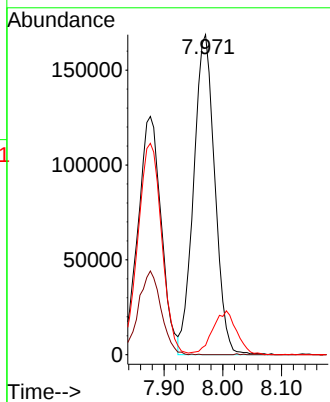
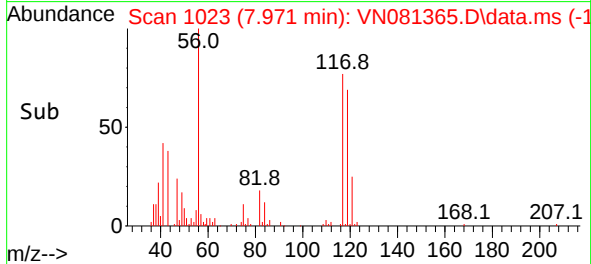
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 420925
Ion Ratio Lower Upper
56 100
69 0.0 20.1 30.1
84 2.9 56.9 85.3

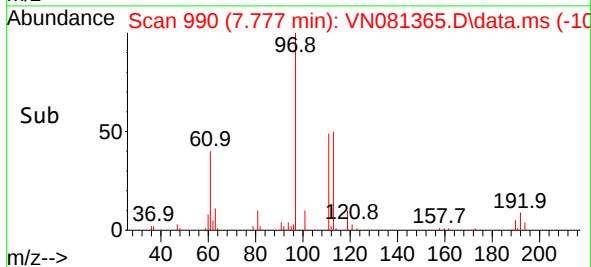
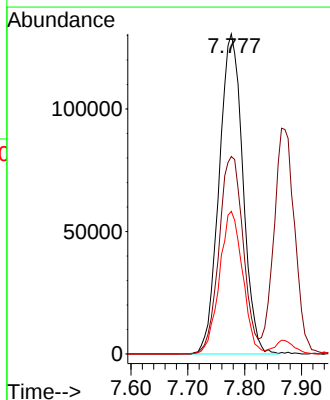
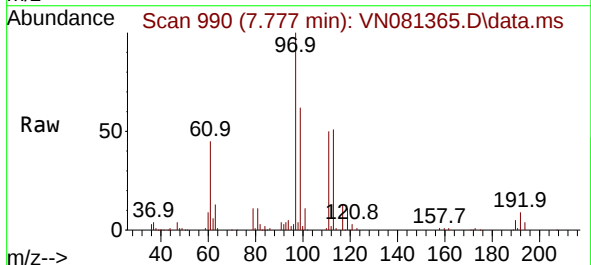
Manual Integrations
APPROVED

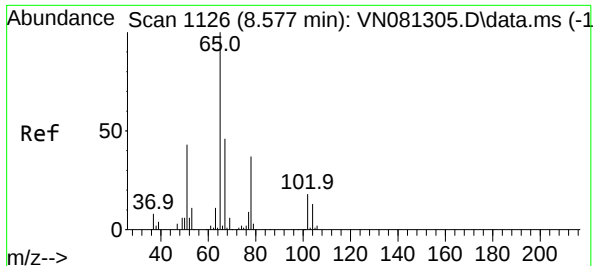
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#32
1,1,1-Trichloroethane
Concen: 79823.319 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.394 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion: 97 Resp: 378781
Ion Ratio Lower Upper
97 100
99 62.9 53.4 80.0
61 43.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 79607.206 ug/l

RT: 8.259 min Scan# 1107

Delta R.T. -0.318 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 25322

Ion Ratio Lower Upper

65 100

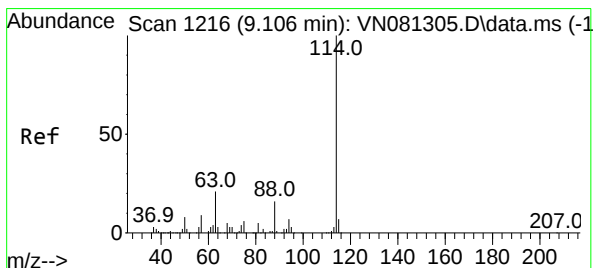
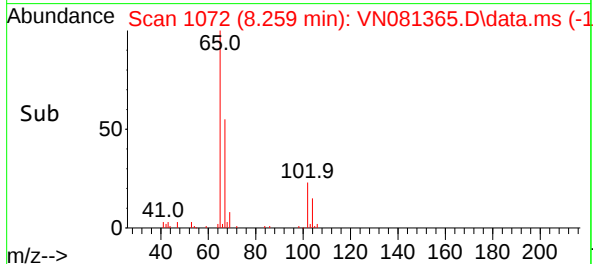
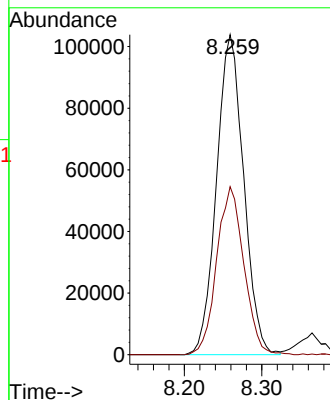
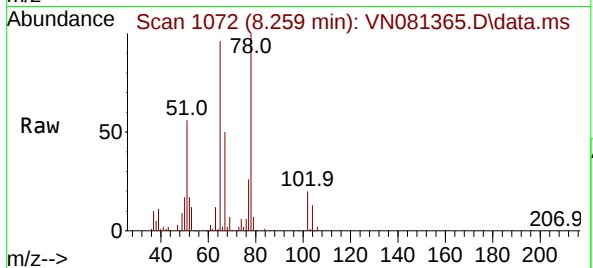
67 52.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.859 min Scan# 1174

Delta R.T. -0.247 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

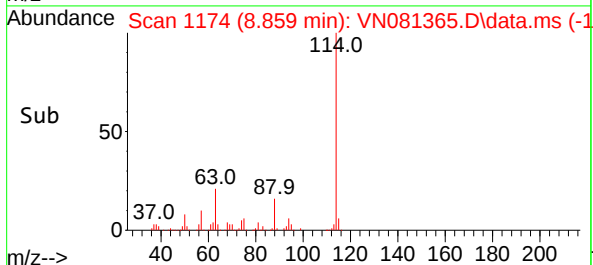
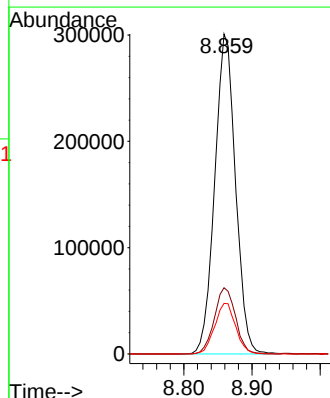
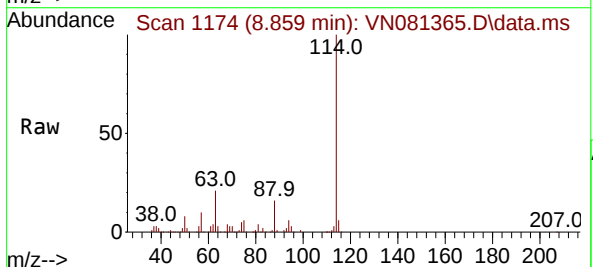
Tgt Ion:114 Resp: 638864

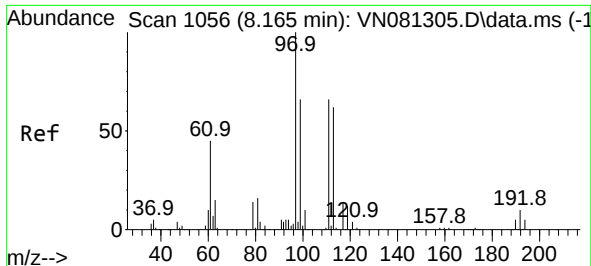
Ion Ratio Lower Upper

114 100

63 20.7 0.0 48.0

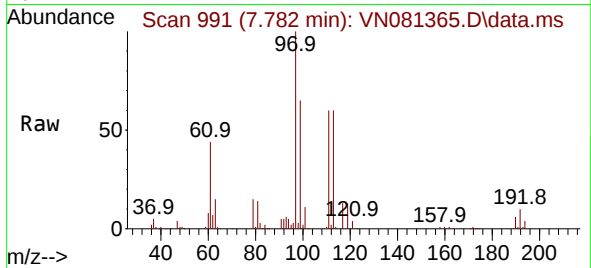
88 15.8 0.0 34.8





#35
Dibromofluoromethane
Concen: 51.621 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.382 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

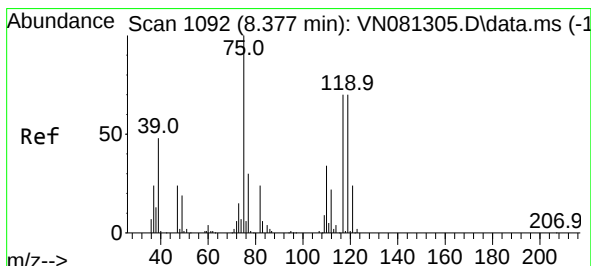
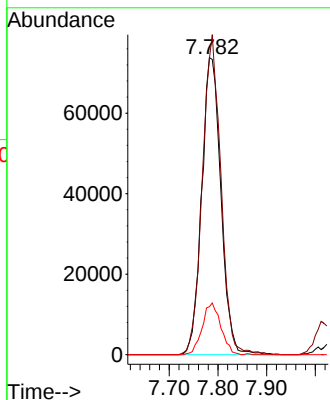
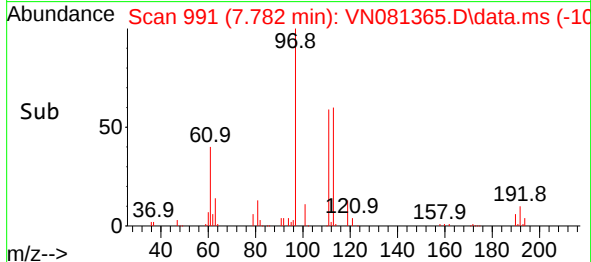
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 202052
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 16.8 12.5 18.7

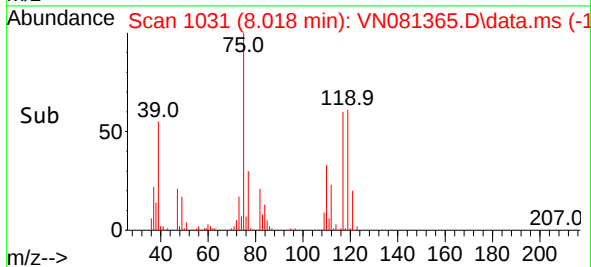
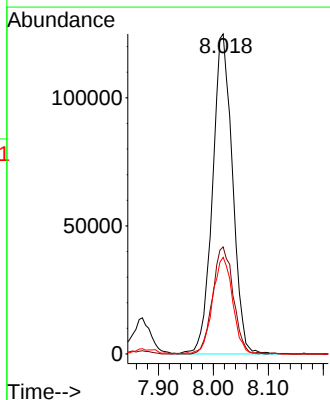
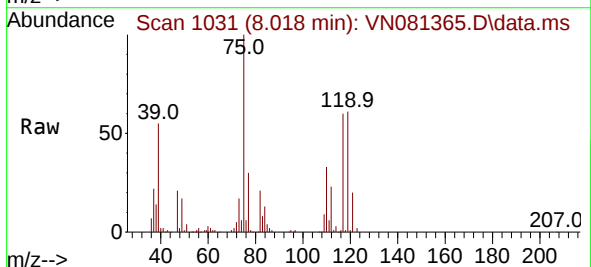
Manual Integrations
APPROVED

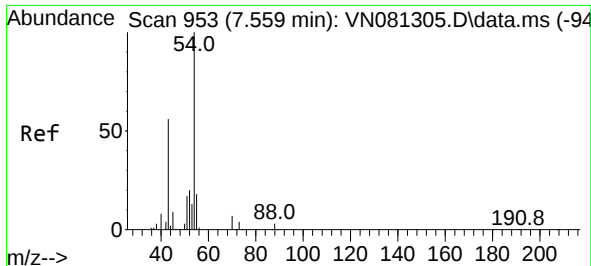
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#36
1,1-Dichloropropene
Concen: 49.820 ug/l
RT: 8.018 min Scan# 1031
Delta R.T. -0.359 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion: 75 Resp: 314594
Ion Ratio Lower Upper
75 100
110 34.6 16.0 48.0
77 30.6 25.8 38.6





#37

Ethyl Acetate

Concen: 16.311 ug/l

RT: 7.377 min Scan# 91

Delta R.T. -0.182 min

Lab File: VN081365.D

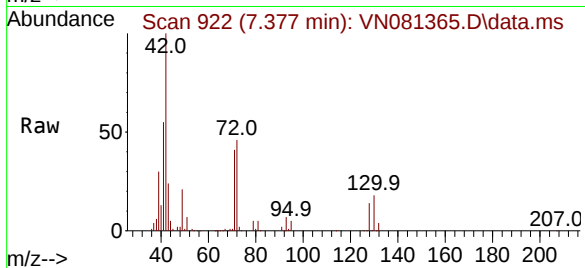
Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



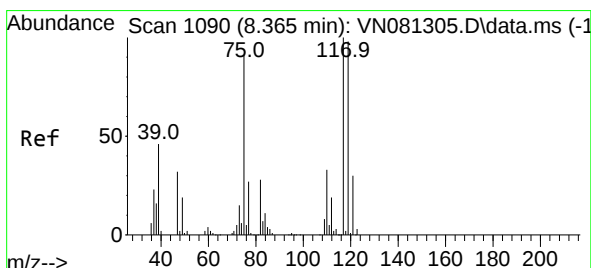
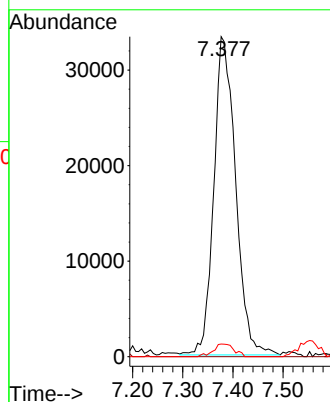
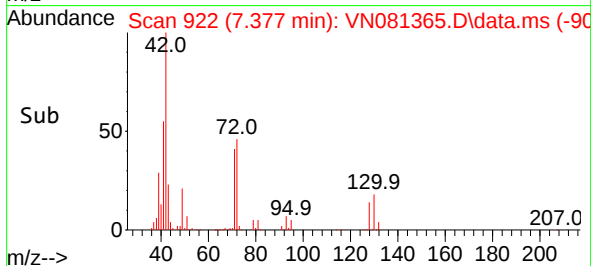
Tgt Ion: 43	Resp: 10068
Ion Ratio	Lower Upper
43 100	
61 0.0	10.6 15.8
70 3.8	8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#38

Carbon Tetrachloride

Concen: 50.123 ug/l

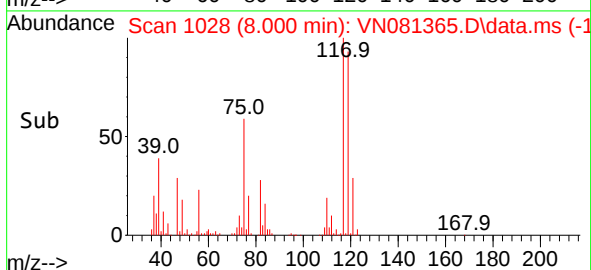
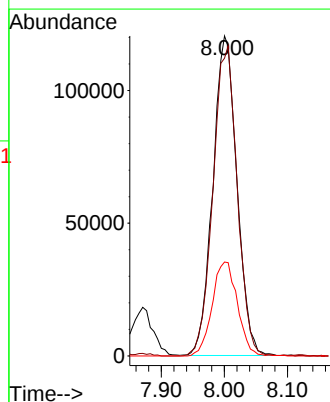
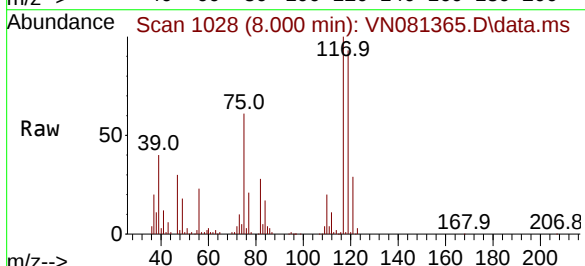
RT: 8.000 min Scan# 1028

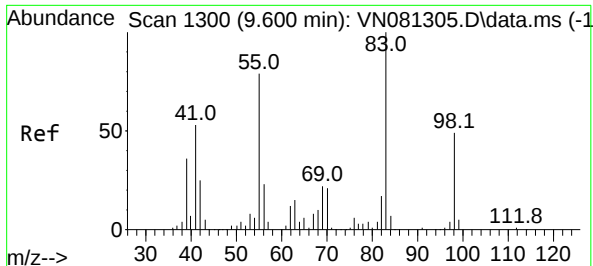
Delta R.T. -0.365 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Tgt Ion: 117	Resp: 318544
Ion Ratio	Lower Upper
117 100	
119 93.2	73.4 110.2
121 29.4	24.4 36.6





#39

Methylcyclohexane

Concen: 48.435 ug/l

RT: 9.400 min Scan# 1077

Delta R.T. -0.200 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

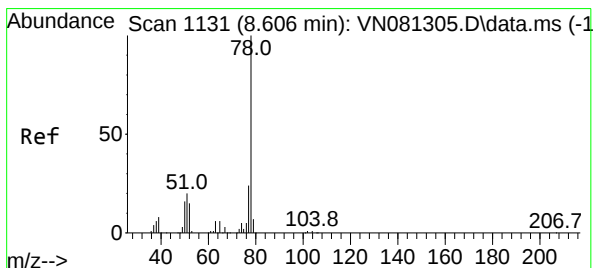
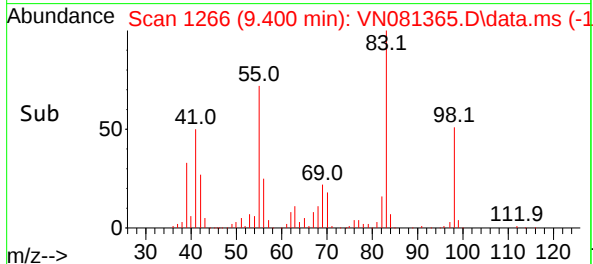
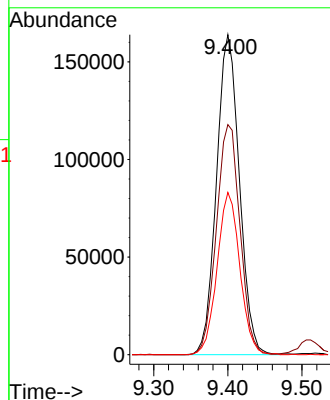
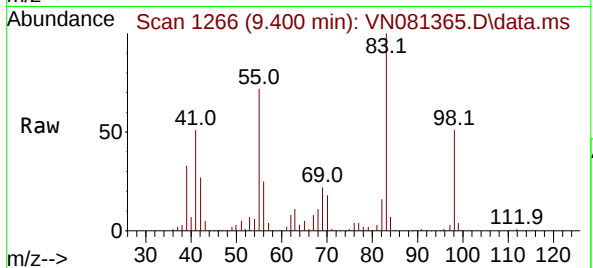
Tgt Ion: 83 Resp: 351990
 Ion Ratio Lower Upper
 83 100
 55 71.9 65.7 98.5
 98 50.7 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#40

Benzene

Concen: 48.148 ug/l

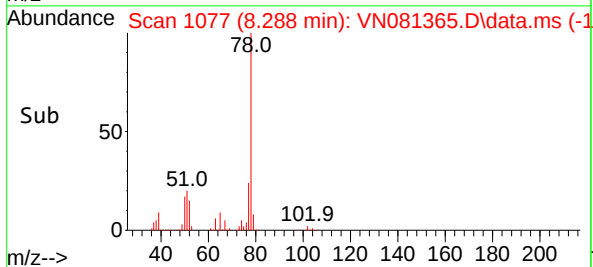
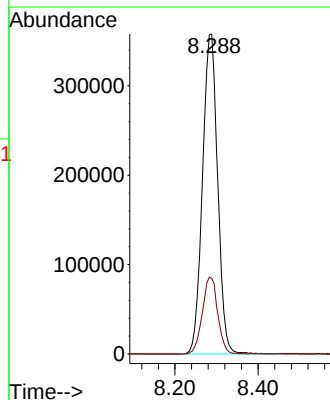
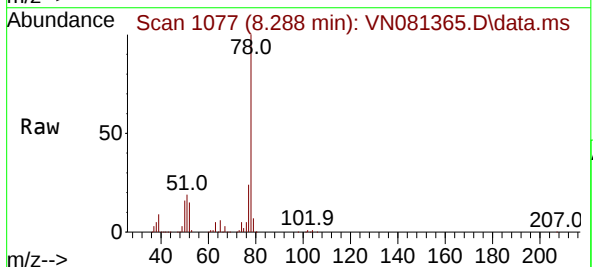
RT: 8.288 min Scan# 1077

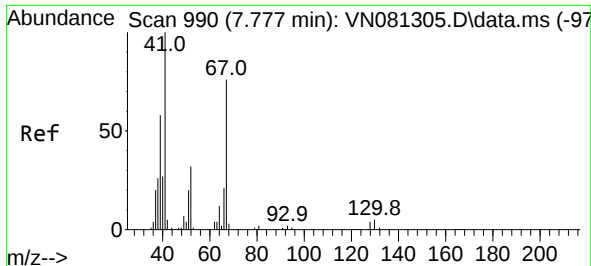
Delta R.T. -0.318 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

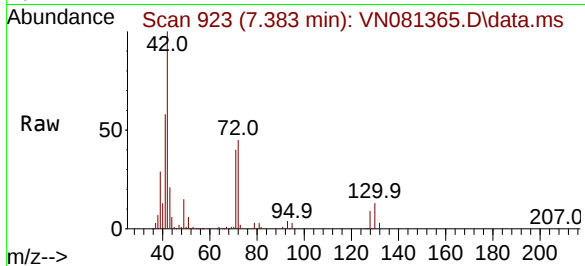
Tgt Ion: 78 Resp: 907511
 Ion Ratio Lower Upper
 78 100
 77 23.6 20.4 30.6





#41
Methacrylonitrile
Concen: 74.015 ug/l
RT: 7.383 min Scan# 91
Delta R.T. -0.394 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

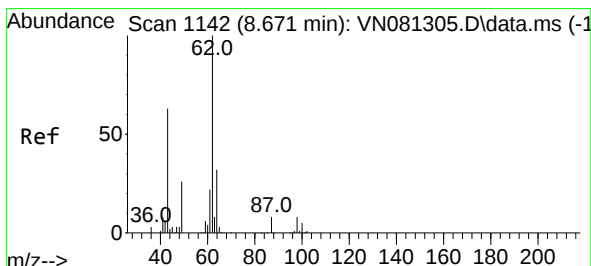
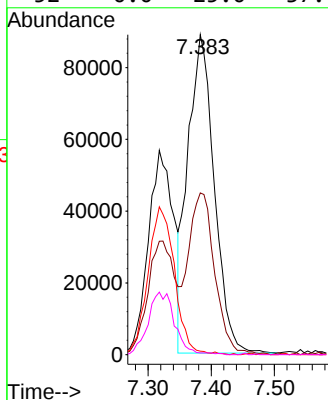
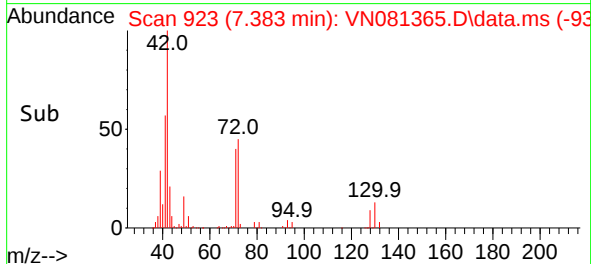
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 258008
Ion Ratio Lower Upper
41 100
39 49.5 48.4 72.6
67 0.0 56.8 85.2
52 0.0 25.0 37.4#

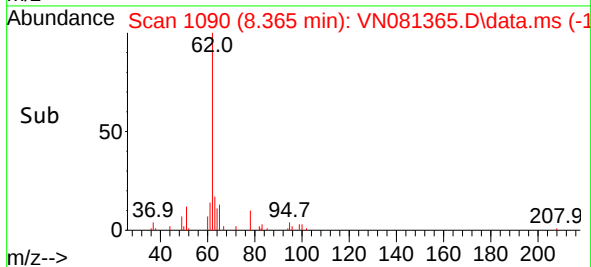
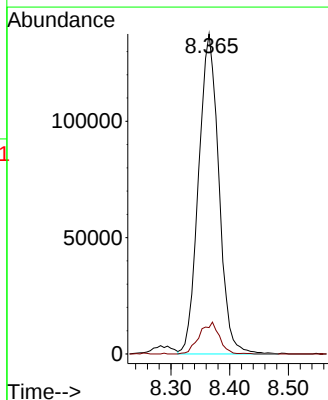
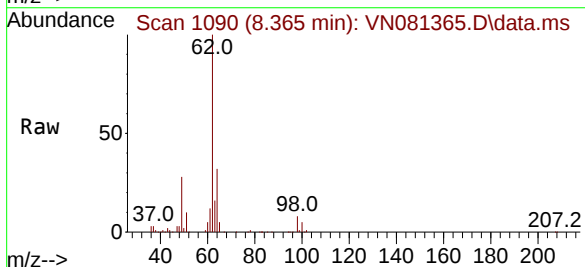
Manual Integrations
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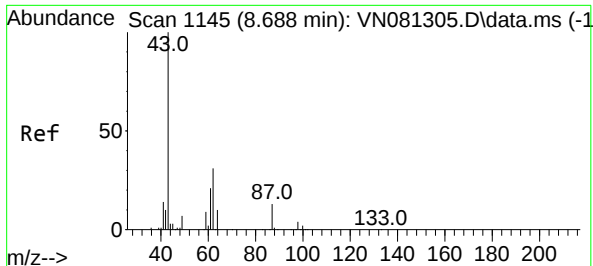
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#42
1,2-Dichloroethane
Concen: 49.508 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.306 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

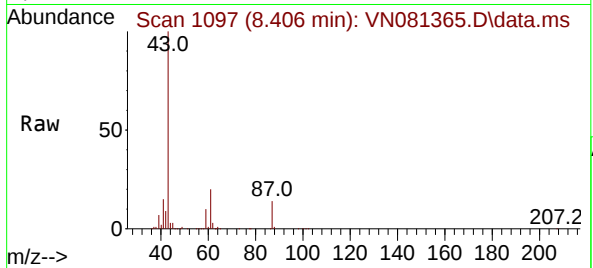
Tgt Ion: 62 Resp: 329016
Ion Ratio Lower Upper
62 100
98 9.8 0.0 18.0





#43
Isopropyl Acetate
Concen: 46.862 ug/l
RT: 8.406 min Scan# 1097
Delta R.T. -0.282 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

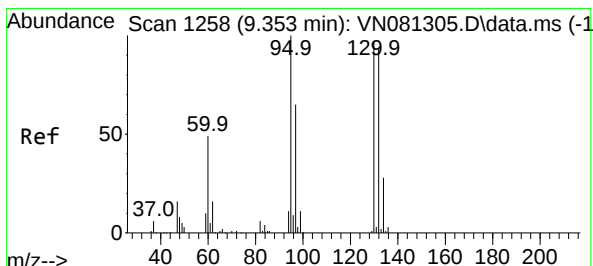
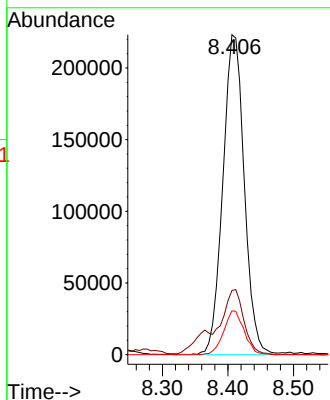
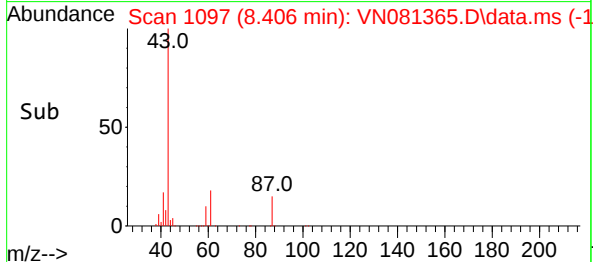
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 506310
Ion Ratio Lower Upper
43 100
61 20.0 19.9 29.9
87 13.1 9.0 13.6

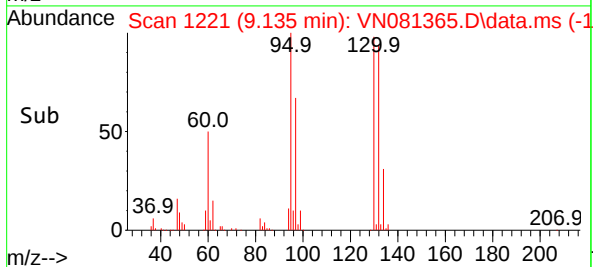
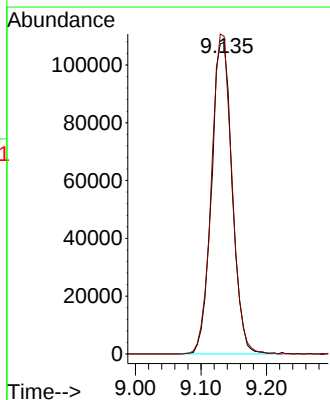
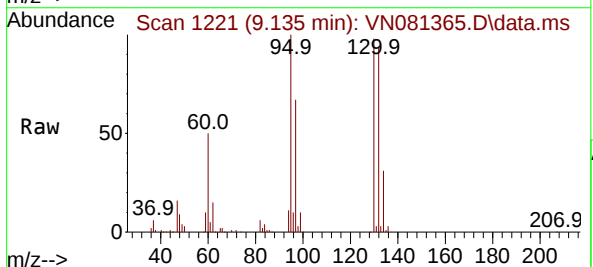
Manual Integrations
APPROVED

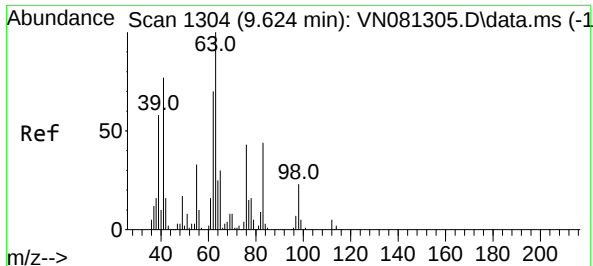
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#44
Trichloroethene
Concen: 49.714 ug/l
RT: 9.135 min Scan# 1221
Delta R.T. -0.218 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion:130 Resp: 236331
Ion Ratio Lower Upper
130 100
95 101.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 50.170 ug/l

RT: 9.429 min Scan# 1271

Delta R.T. -0.194 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 23755

Ion Ratio Lower Upper

63 100

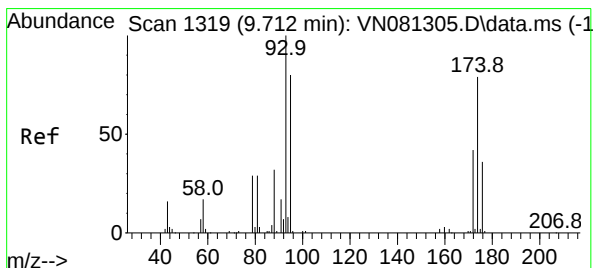
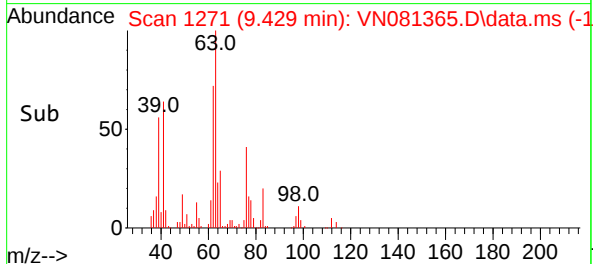
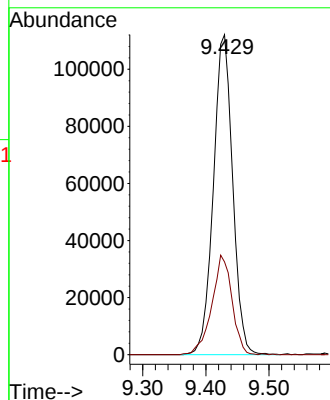
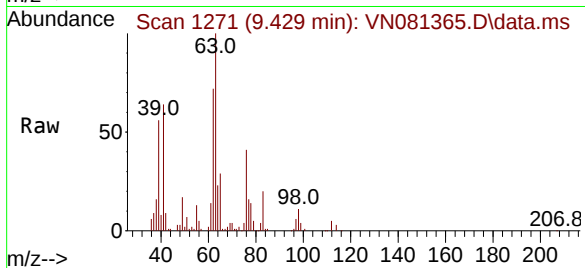
65 29.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#46

Dibromomethane

Concen: 48.998 ug/l

RT: 9.524 min Scan# 1287

Delta R.T. -0.188 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

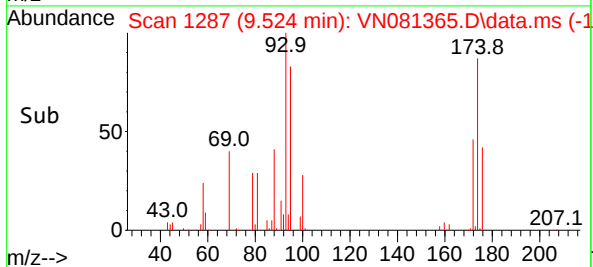
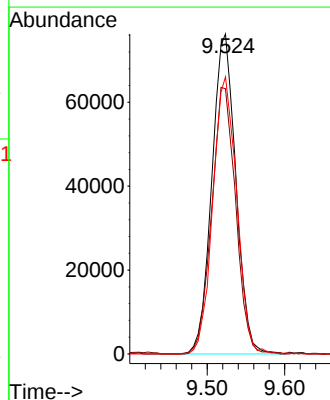
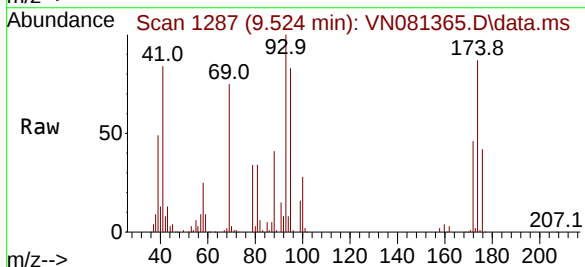
Tgt Ion: 93 Resp: 163528

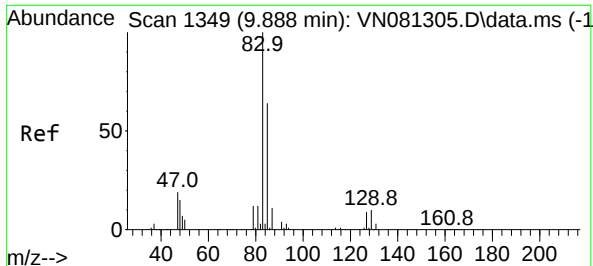
Ion Ratio Lower Upper

93 100

95 83.7 68.1 102.1

174 86.4 57.2 85.8#





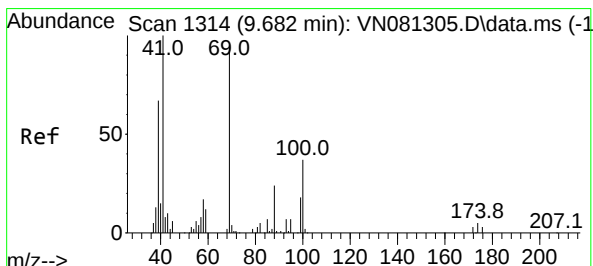
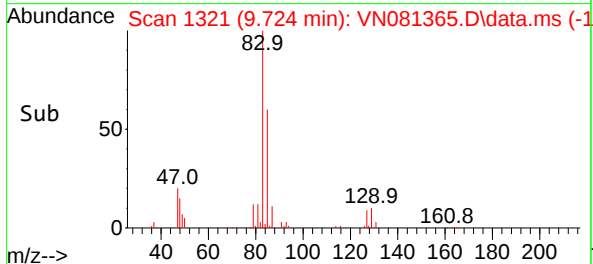
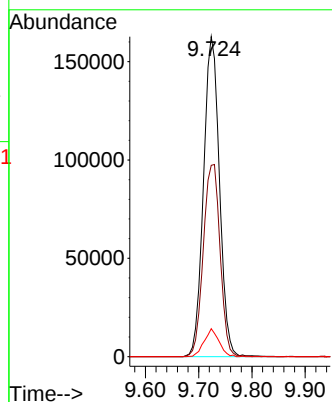
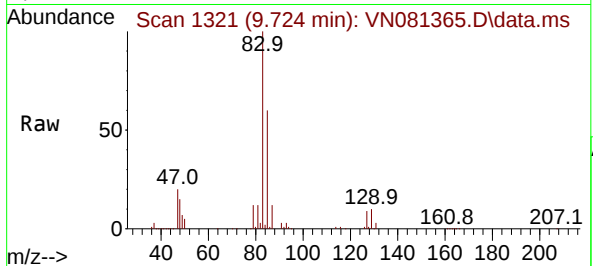
#47
Bromodichloromethane
Concen: 52.232 ug/l
RT: 9.724 min Scan# 11
Delta R.T. -0.165 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 338412
Ion Ratio Lower Upper
83 100
85 59.8 52.3 78.5
127 8.8 4.6 7.0

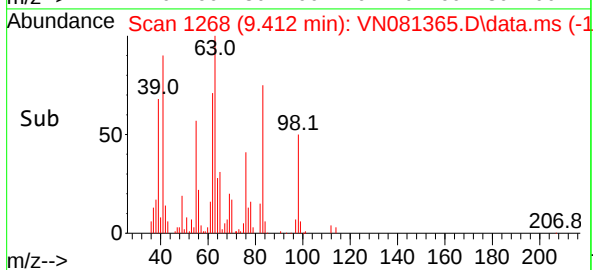
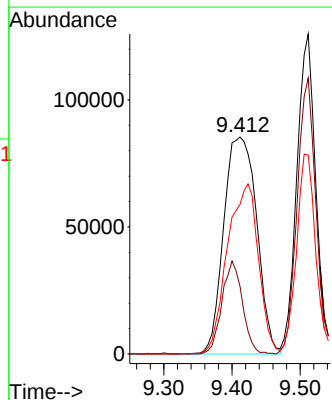
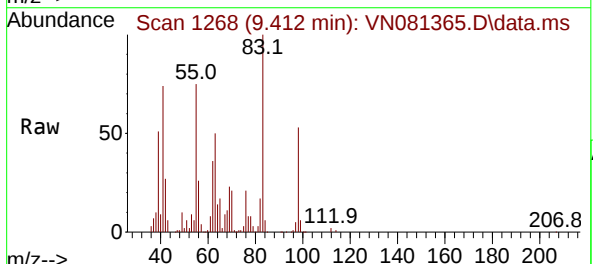
Manual Integrations
APPROVED

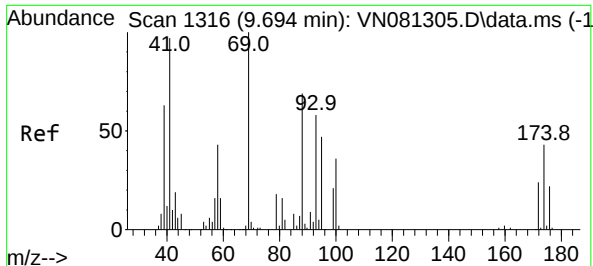
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#48
Methyl methacrylate
Concen: 60.181 ug/l
RT: 9.412 min Scan# 1268
Delta R.T. -0.271 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion: 41 Resp: 287407
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 73.6 47.6 71.4#





#49

1,4-Dioxane

Concen: 830.600 ug/l

RT: 9.512 min Scan# 1285

Delta R.T. -0.182 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

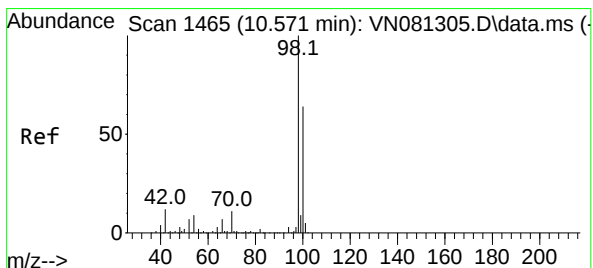
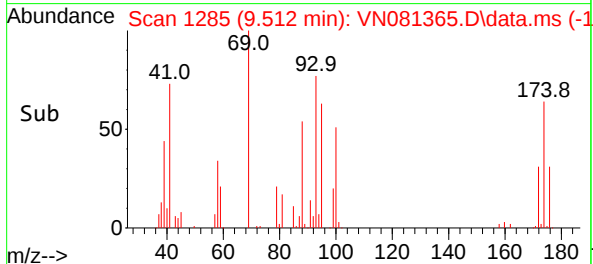
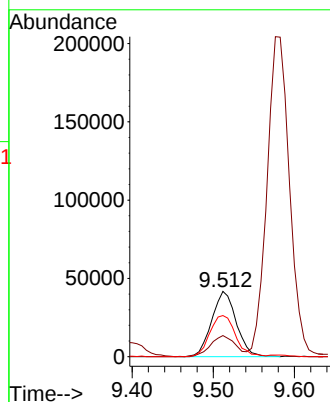
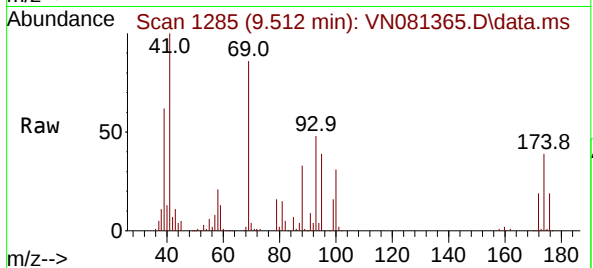
Tgt Ion: 88 Resp: 87430
 Ion Ratio Lower Upper
 88 100
 43 33.0 30.1 45.1
 58 66.1 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#50

Toluene-d8

Concen: 51.847 ug/l

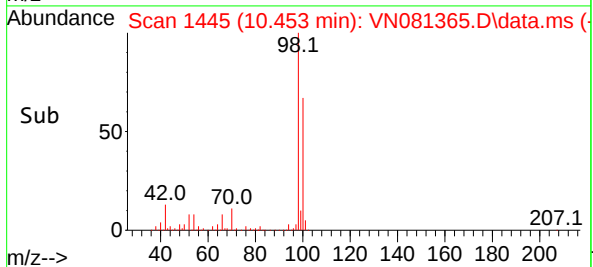
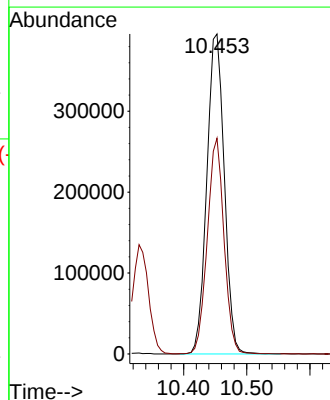
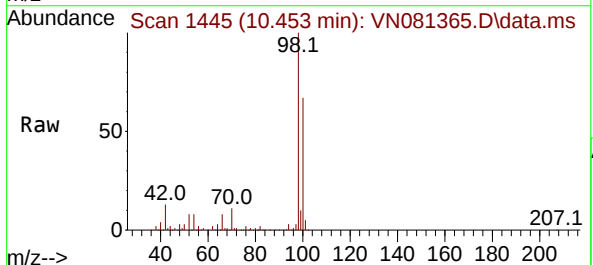
RT: 10.453 min Scan# 1445

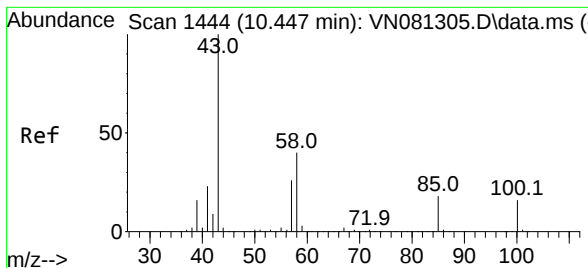
Delta R.T. -0.118 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Tgt Ion: 98 Resp: 758625
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.4 77.0





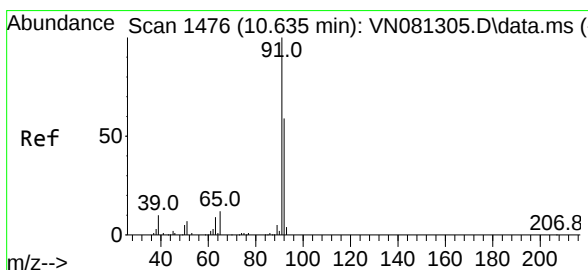
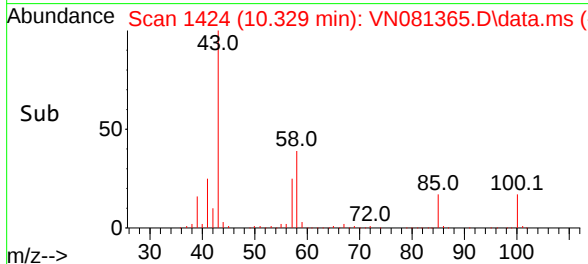
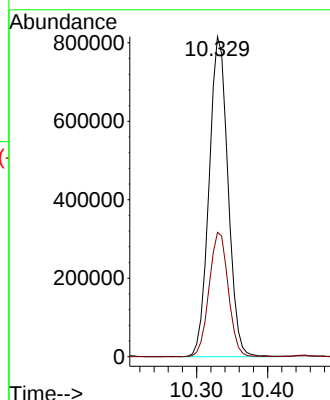
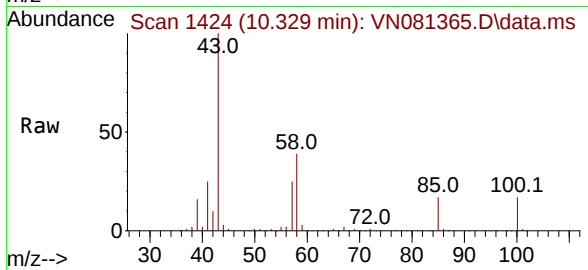
#51
4-Methyl-2-Pentanone
Concen: 240.302 ug/l
RT: 10.329 min Scan# 1444
Delta R.T. -0.118 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 150751
Ion Ratio Lower Upper
43 100
58 39.4 29.4 44.0

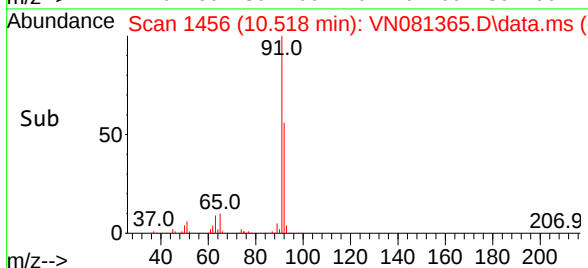
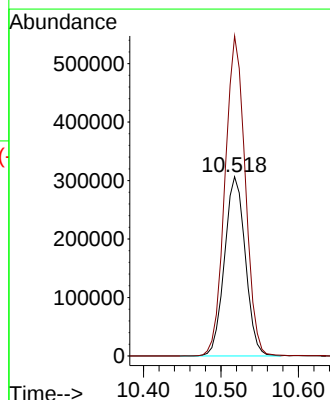
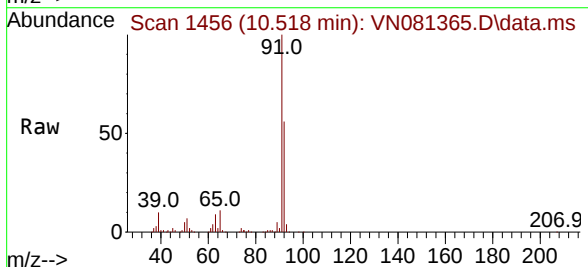
Manual Integrations
APPROVED

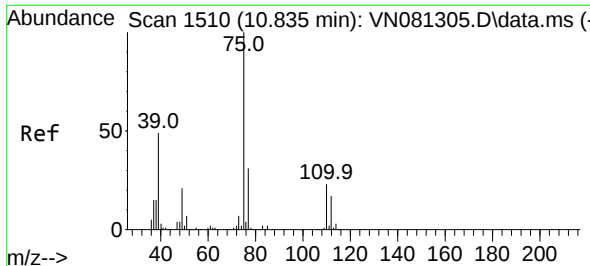
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#52
Toluene
Concen: 50.228 ug/l
RT: 10.518 min Scan# 1456
Delta R.T. -0.118 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion: 92 Resp: 571896
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.0





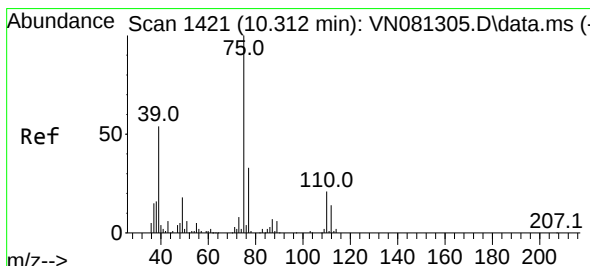
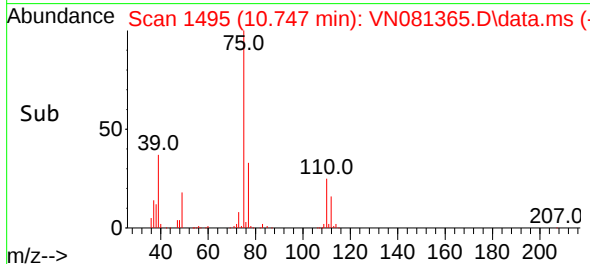
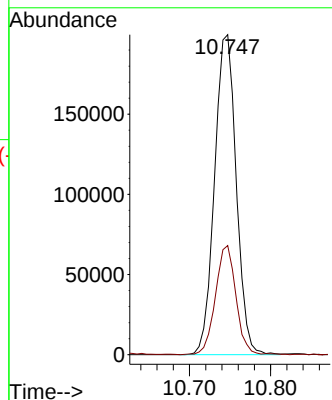
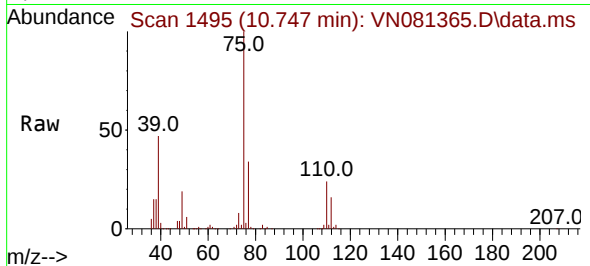
#53
t-1,3-Dichloropropene
Concen: 52.900 ug/l
RT: 10.747 min Scan# 14
Delta R.T. -0.088 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 370838
Ion Ratio Lower Upper
75 100
77 34.1 25.5 38.3

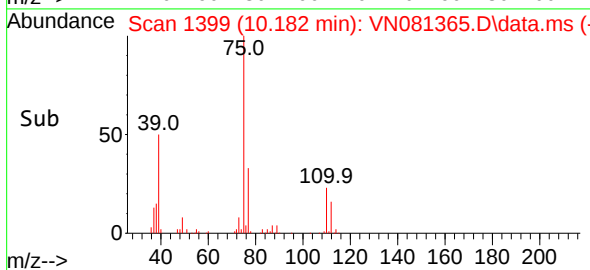
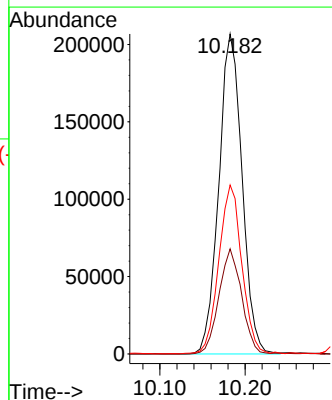
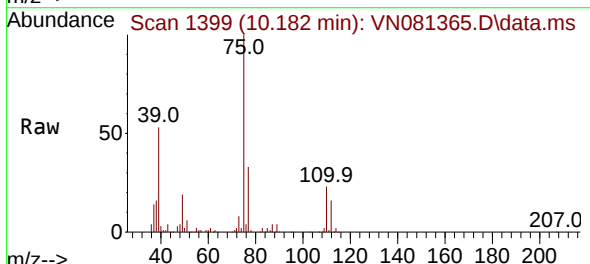
Manual Integrations
APPROVED

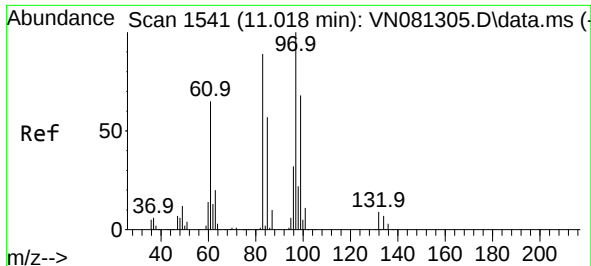
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#54
cis-1,3-Dichloropropene
Concen: 51.769 ug/l
RT: 10.182 min Scan# 1399
Delta R.T. -0.129 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

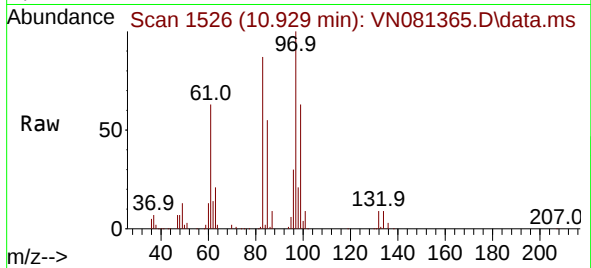
Tgt Ion: 75 Resp: 391770
Ion Ratio Lower Upper
75 100
77 32.9 23.3 34.9
39 52.7 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 49.545 ug/l
RT: 10.929 min Scan# 1503
Delta R.T. -0.088 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

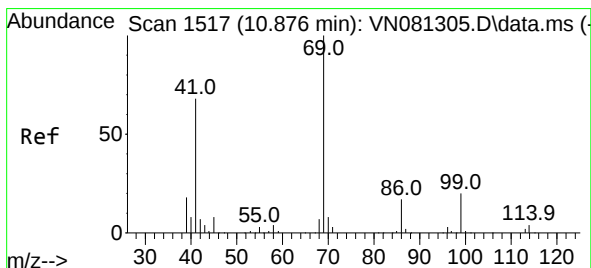
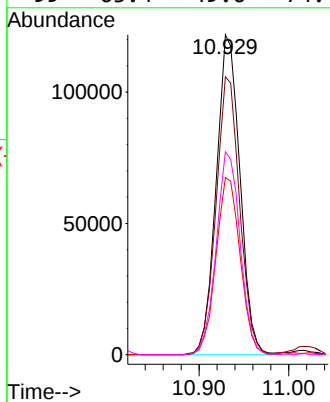
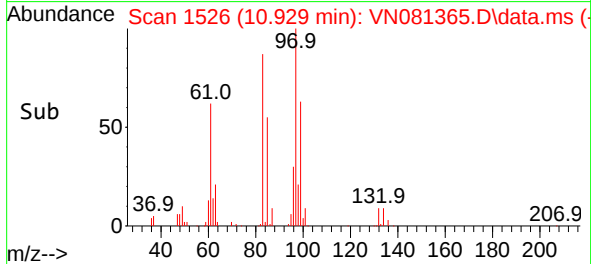
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 22370
Ion Ratio Lower Upper
97 100
83 86.8 72.9 109.3
85 55.4 50.2 75.2
99 63.4 49.6 74.4

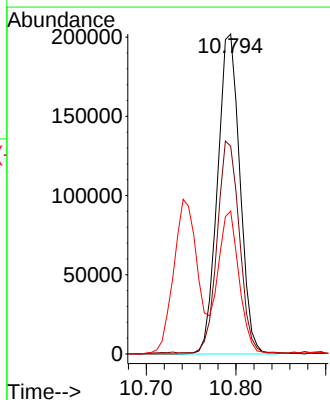
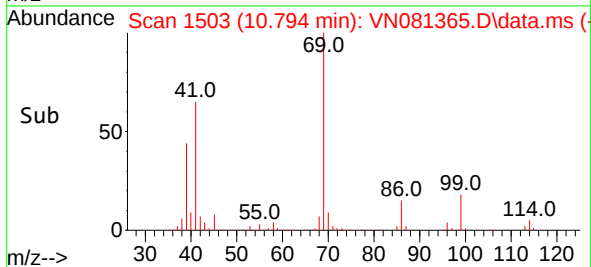
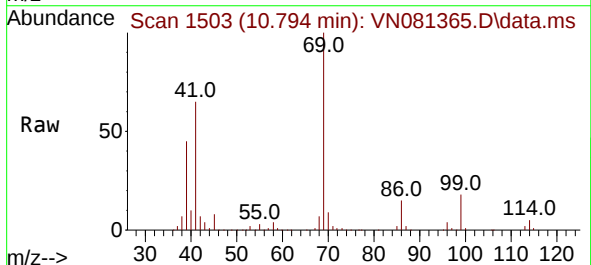
Manual Integrations
APPROVED

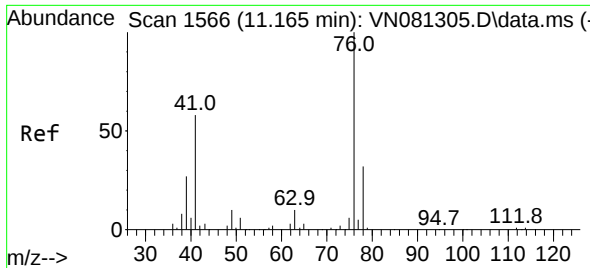
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#56
Ethyl methacrylate
Concen: 53.814 ug/l
RT: 10.794 min Scan# 1503
Delta R.T. -0.082 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion: 69 Resp: 348898
Ion Ratio Lower Upper
69 100
41 65.2 61.0 91.6
39 41.0 31.8 47.6





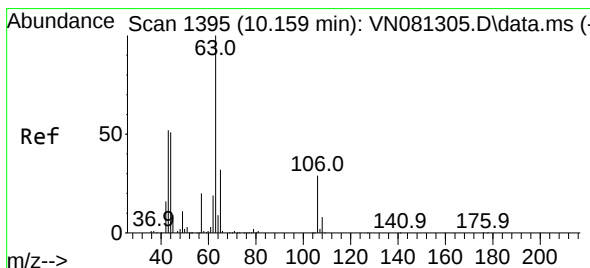
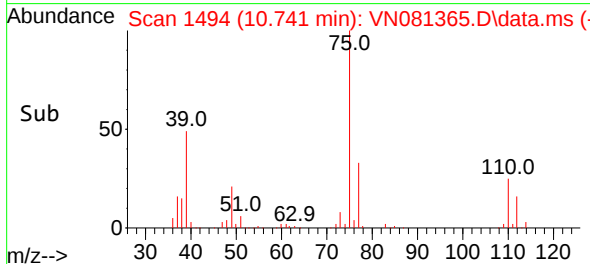
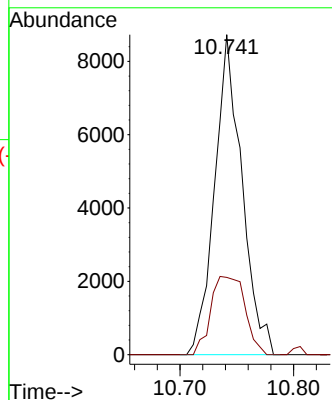
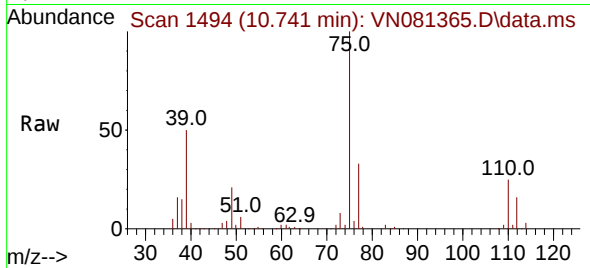
#57
1,3-Dichloropropane
Concen: 1.846 ug/l
RT: 10.741 min Scan# 1494
Delta R.T. -0.424 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 1454
Ion Ratio Lower Upper
76 100
78 30.6 25.5 38.3

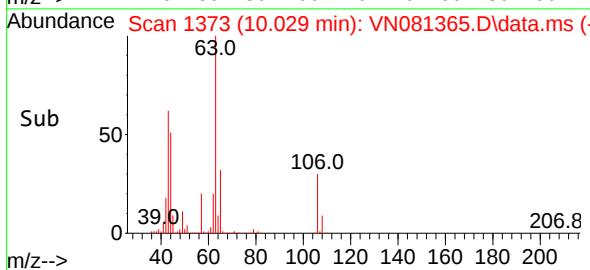
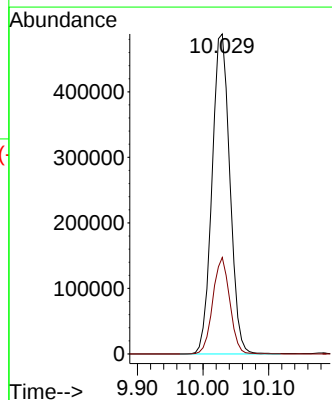
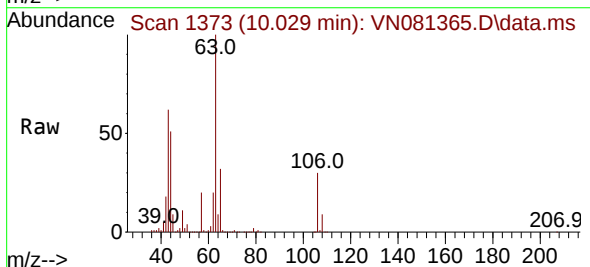
Manual Integrations
APPROVED

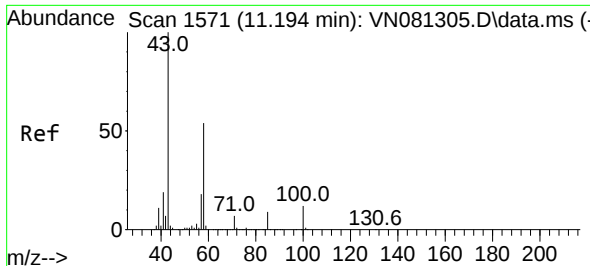
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 263.991 ug/l
RT: 10.029 min Scan# 1373
Delta R.T. -0.129 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion: 63 Resp: 920675
Ion Ratio Lower Upper
63 100
106 28.6 18.6 28.0#





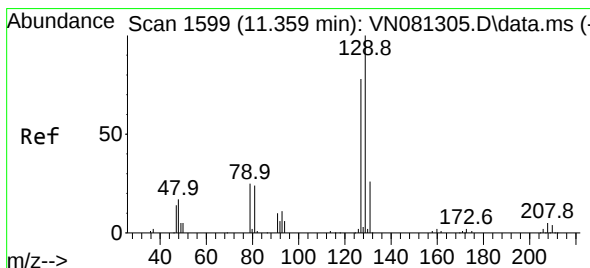
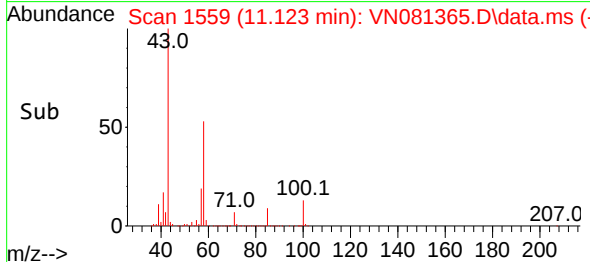
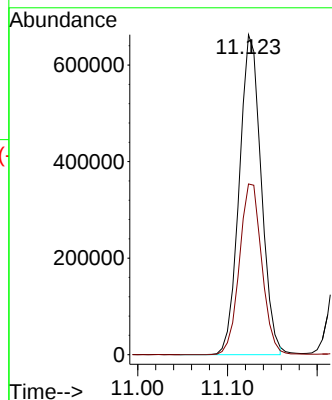
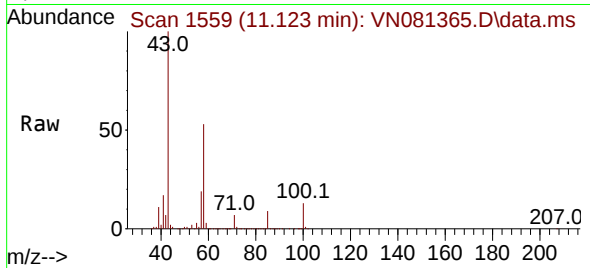
#59
2-Hexanone
Concen: 239.477 ug/l
RT: 11.123 min Scan# 1159
Delta R.T. -0.071 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1123129
Ion Ratio Lower Upper
43 100
58 54.4 25.9 77.8

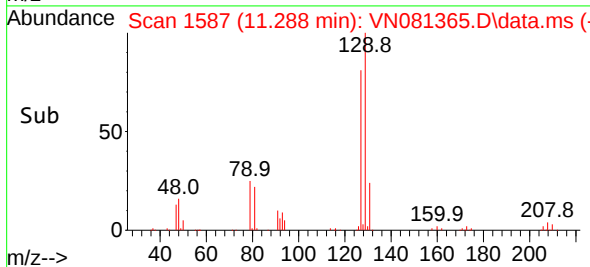
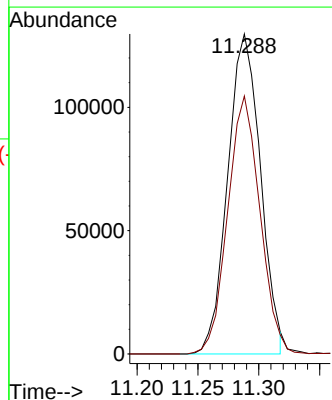
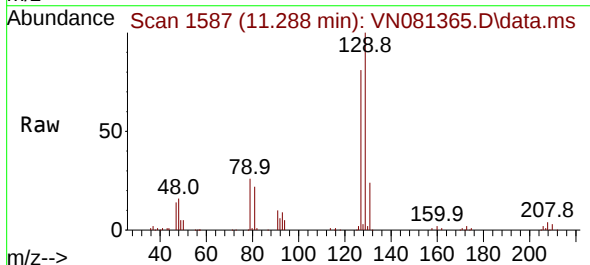
Manual Integrations
APPROVED

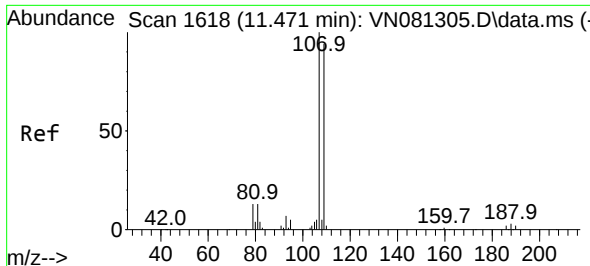
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#60
Dibromochloromethane
Concen: 52.298 ug/l
RT: 11.288 min Scan# 1587
Delta R.T. -0.071 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

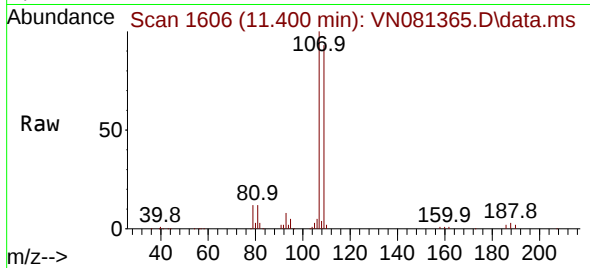
Tgt Ion:129 Resp: 243189
Ion Ratio Lower Upper
129 100
127 78.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 49.685 ug/l
RT: 11.400 min Scan# 1107
Delta R.T. -0.071 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

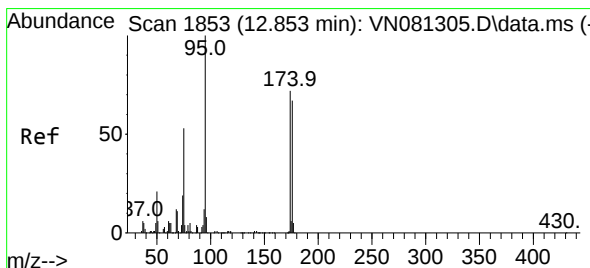
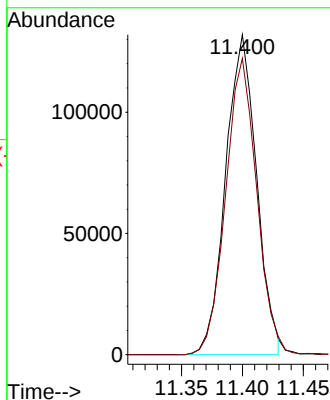
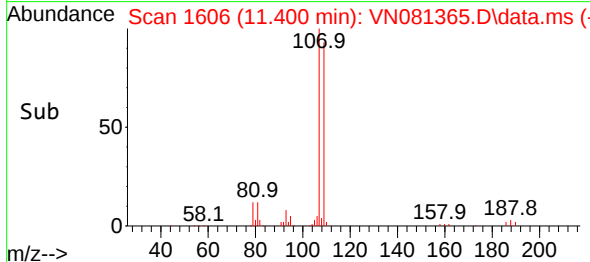
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



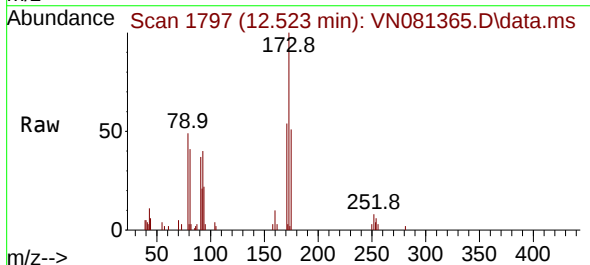
Tgt Ion:107 Resp: 23276
Ion Ratio Lower Upper
107 100
109 92.9 73.4 110.2

Manual Integrations
APPROVED

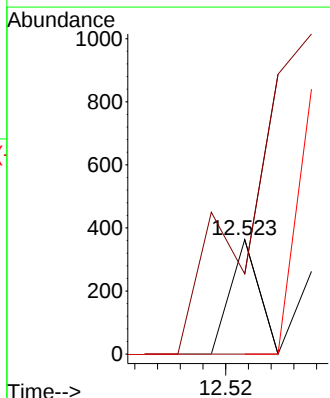
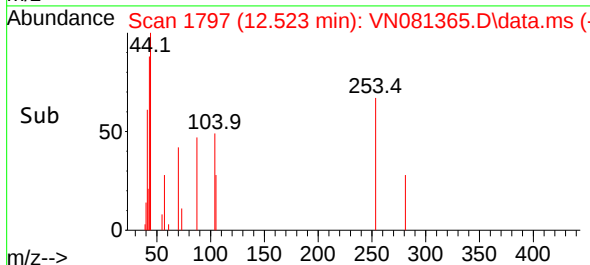
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

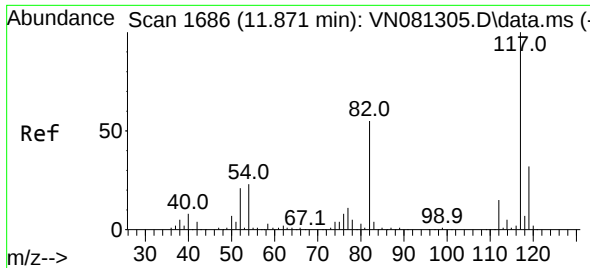


#62
4-Bromofluorobenzene
Concen: 0.025 ug/l
RT: 12.523 min Scan# 1797
Delta R.T. -0.329 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48



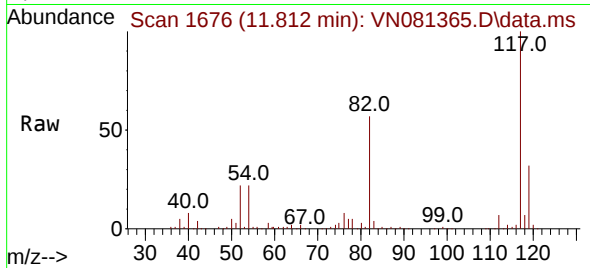
Tgt Ion: 95 Resp: 128
Ion Ratio Lower Upper
95 100
174 0.0 0.0 120.4
176 0.0 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.812 min Scan# 1540
Delta R.T. -0.059 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

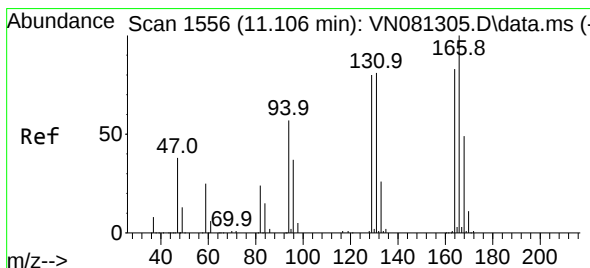
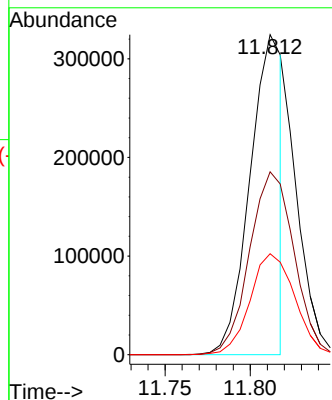
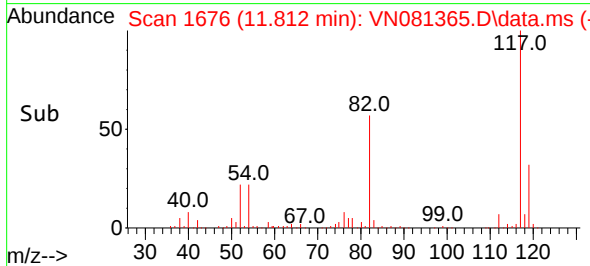
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 429579
Ion Ratio Lower Upper
117 100
82 57.2 52.7 79.1
119 31.5 25.3 37.9

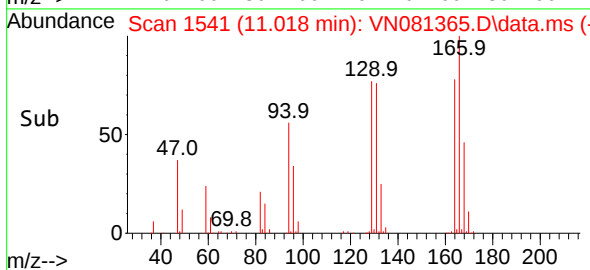
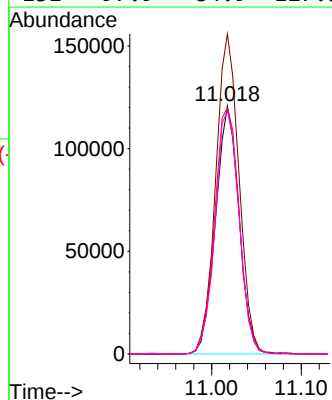
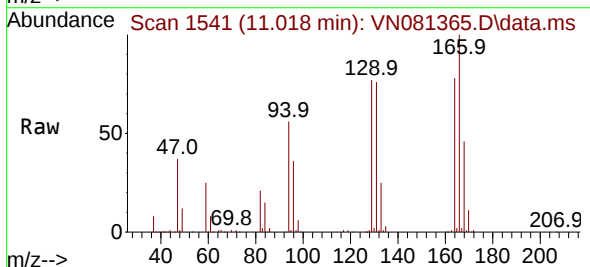
Manual Integrations
APPROVED

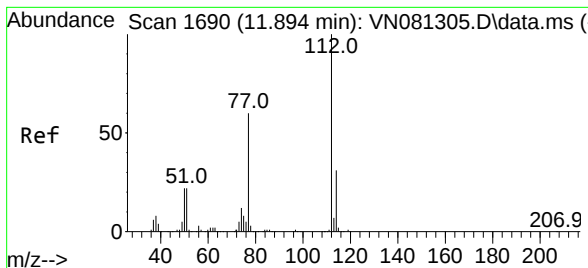
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#64
Tetrachloroethene
Concen: 65.043 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.088 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

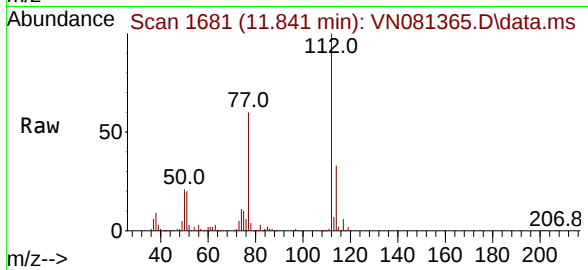
Tgt Ion:164 Resp: 218777
Ion Ratio Lower Upper
164 100
166 129.0 105.8 158.6
129 99.2 89.6 134.4
131 97.9 84.9 127.3





#65
Chlorobenzene
Concen: 66.688 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.053 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

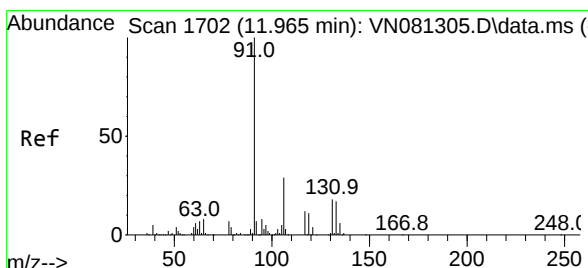
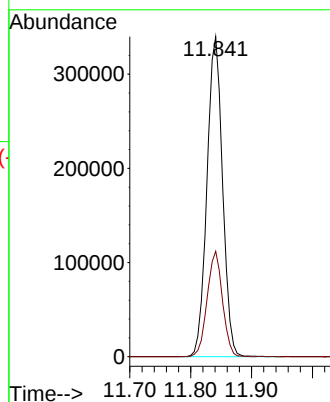
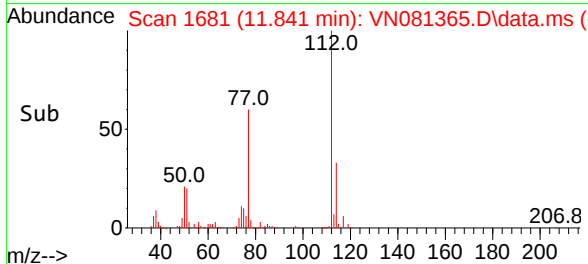
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



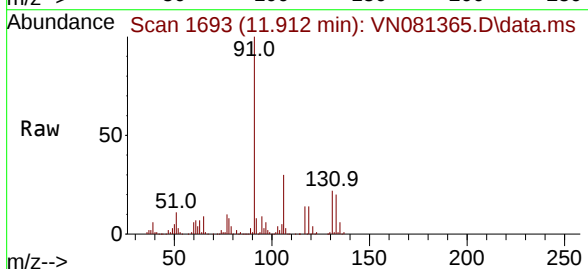
Tgt Ion:112 Resp: 60368
Ion Ratio Lower Upper
112 100
114 32.9 23.7 35.5

Manual Integrations
APPROVED

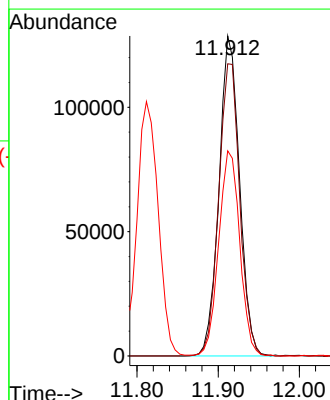
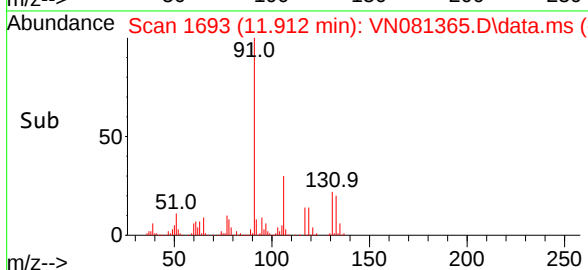
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

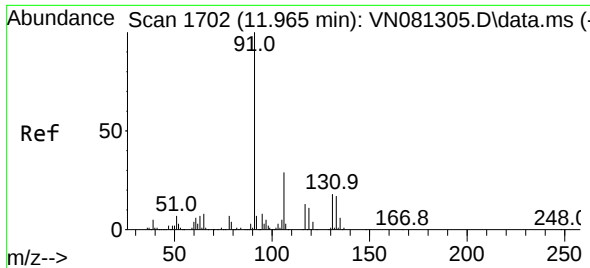


#66
1,1,1,2-Tetrachloroethane
Concen: 68.261 ug/l
RT: 11.912 min Scan# 1693
Delta R.T. -0.053 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48



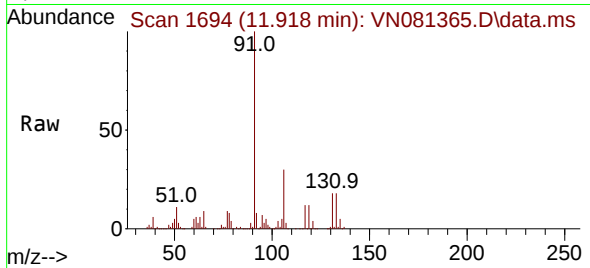
Tgt Ion:131 Resp: 226113
Ion Ratio Lower Upper
131 100
133 94.0 46.8 140.3
119 66.0 34.6 103.9





#67
Ethyl Benzene
Concen: 69.111 ug/l
RT: 11.918 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

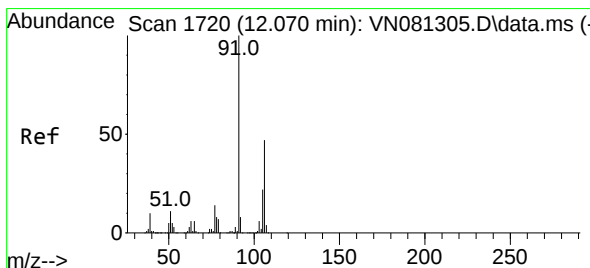
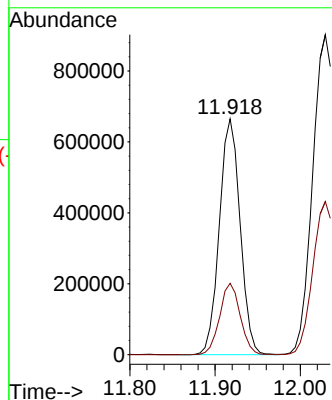
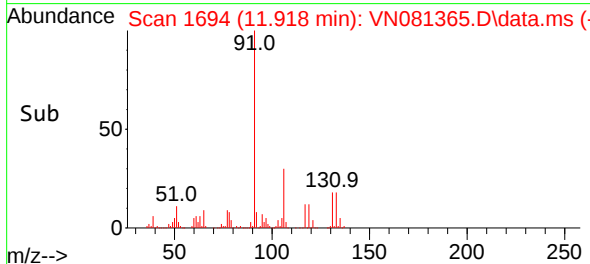
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1126940
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

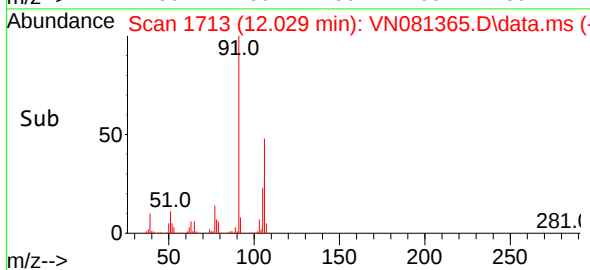
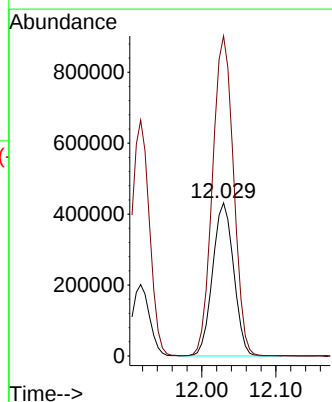
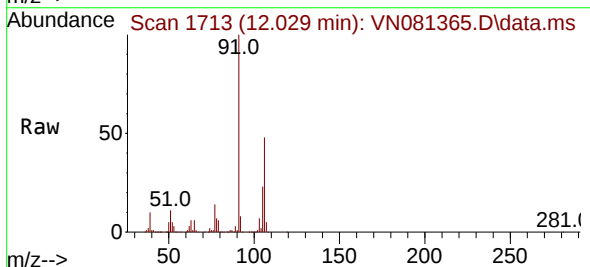
Manual Integrations
APPROVED

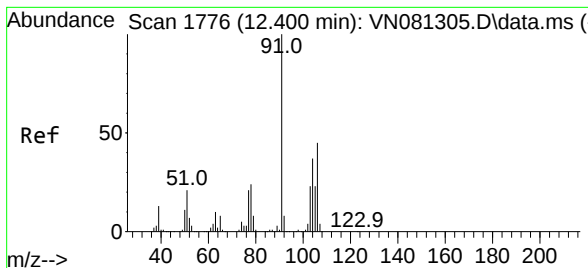
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#68
m/p-Xylenes
Concen: 138.400 ug/l
RT: 12.029 min Scan# 1713
Delta R.T. -0.041 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion:106 Resp: 849329
Ion Ratio Lower Upper
106 100
91 210.0 169.0 253.6





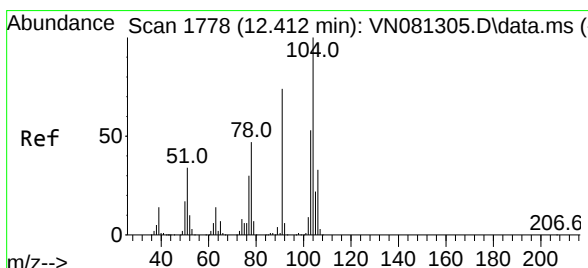
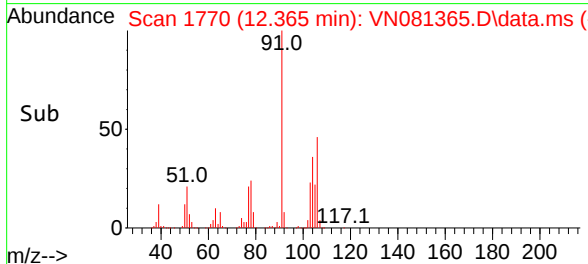
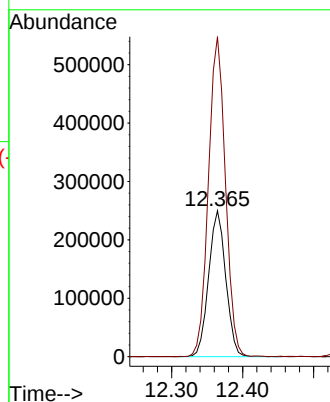
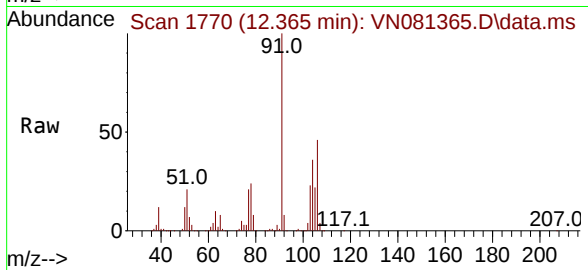
#69
o-Xylene
Concen: 70.370 ug/l
RT: 12.365 min Scan# 1770
Delta R.T. -0.035 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 41852
Ion Ratio Lower Upper
106 100
91 218.0 112.1 336.3

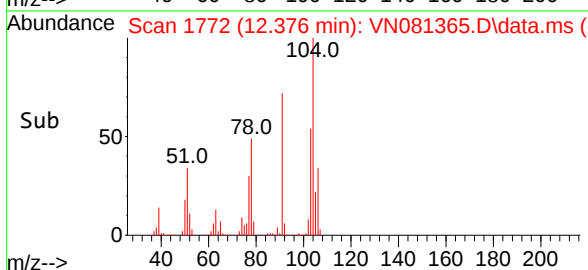
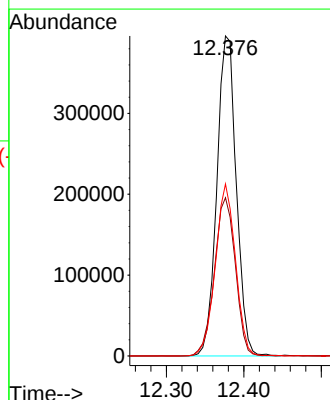
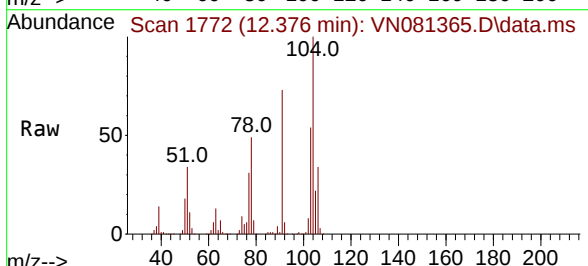
Manual Integrations
APPROVED

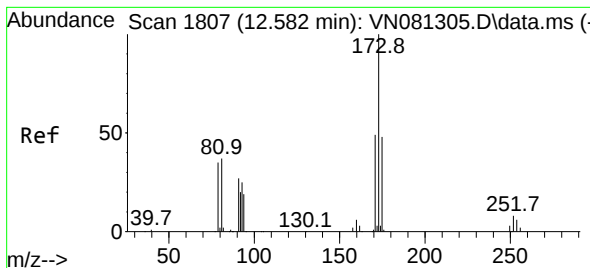
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#70
Styrene
Concen: 73.191 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.035 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion:104 Resp: 689826
Ion Ratio Lower Upper
104 100
78 53.2 43.8 65.8
103 55.5 44.2 66.2





#71

Bromoform

Concen: 69.515 ug/l

RT: 12.547 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 159864

Ion Ratio Lower Upper

173 100

175 46.8 23.1 69.2

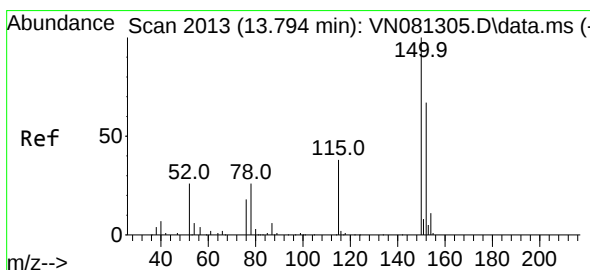
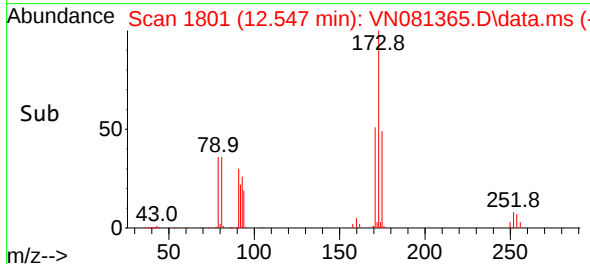
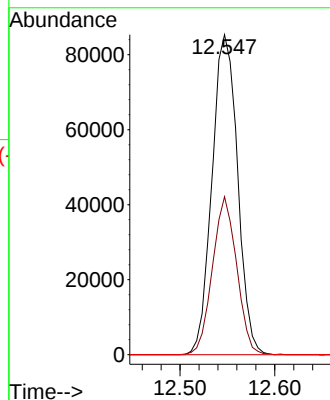
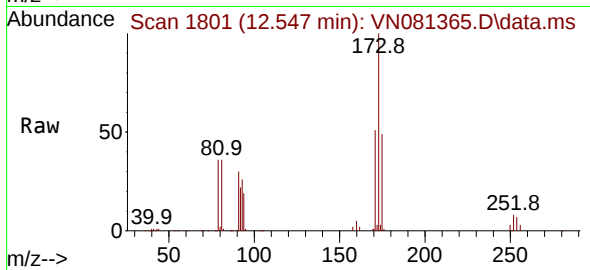
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.782 min Scan# 2011

Delta R.T. -0.012 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

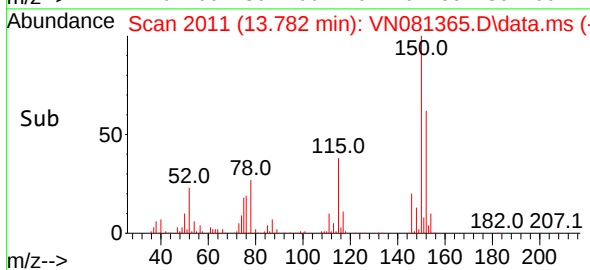
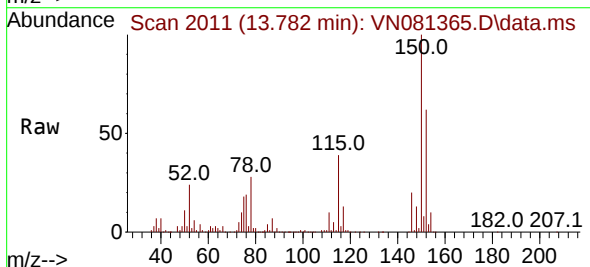
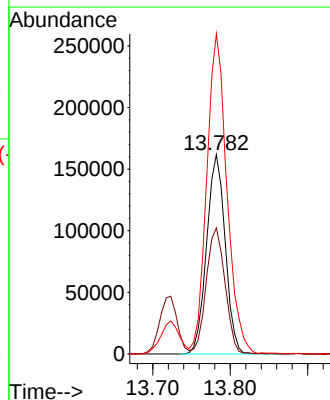
Tgt Ion:152 Resp: 269474

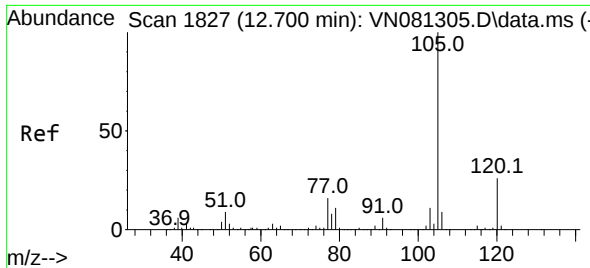
Ion Ratio Lower Upper

152 100

115 63.8 32.3 96.8

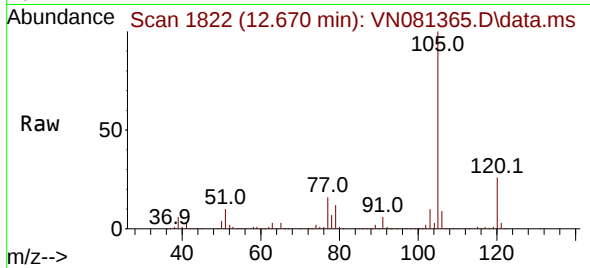
150 174.2 0.0 339.8





#73
Isopropylbenzene
Concen: 50.455 ug/l
RT: 12.670 min Scan# 1178
Delta R.T. -0.029 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

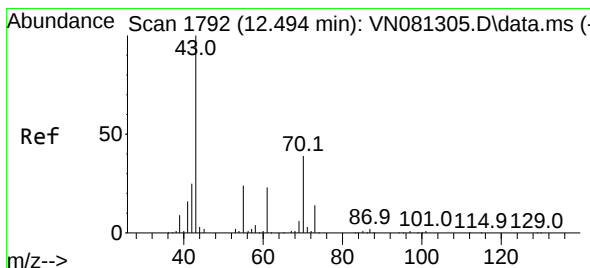
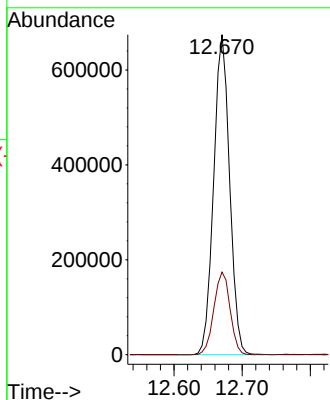
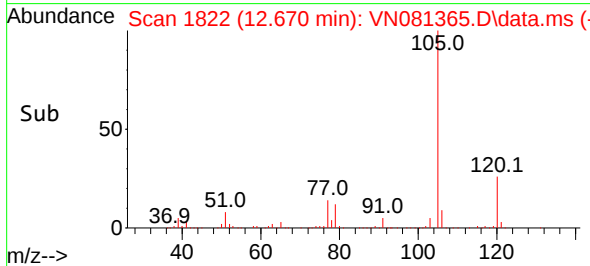
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1097890
Ion Ratio Lower Upper
105 100
120 26.2 12.6 37.6

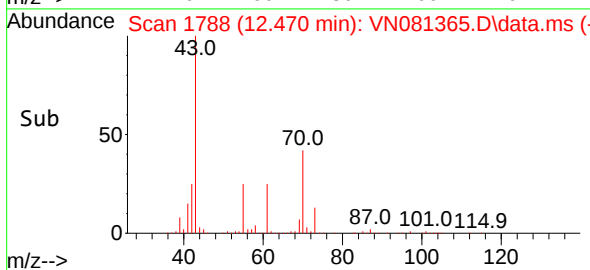
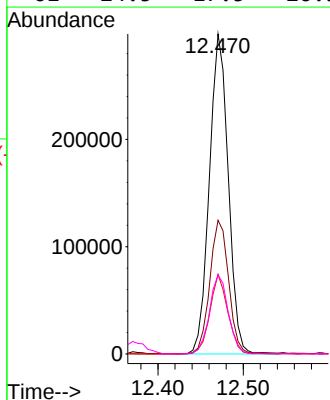
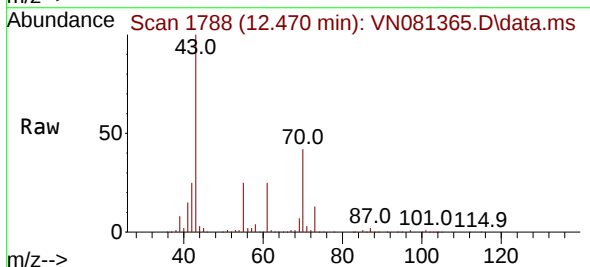
Manual Integrations
APPROVED

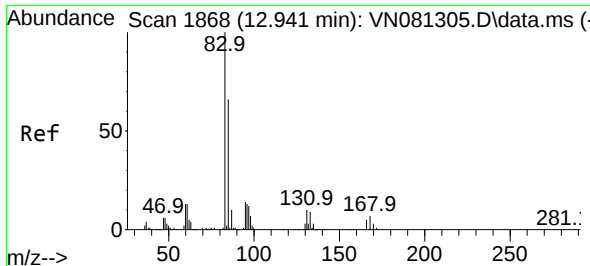
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#74
N-ethyl acetate
Concen: 50.375 ug/l
RT: 12.470 min Scan# 1788
Delta R.T. -0.024 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

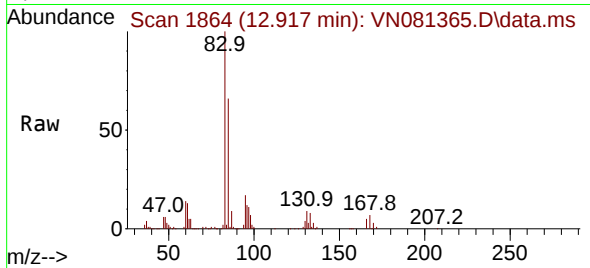
Tgt Ion: 43 Resp: 459932
Ion Ratio Lower Upper
43 100
70 41.6 30.1 45.1
55 23.7 17.0 25.4
61 24.5 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 43.727 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.024 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

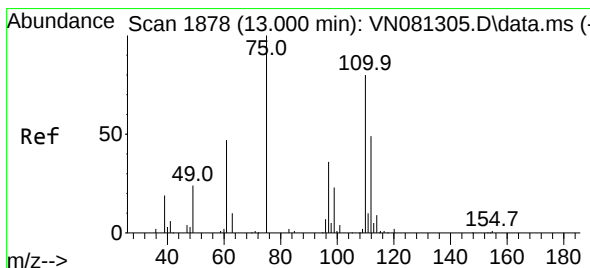
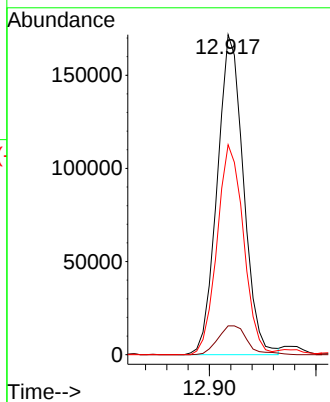
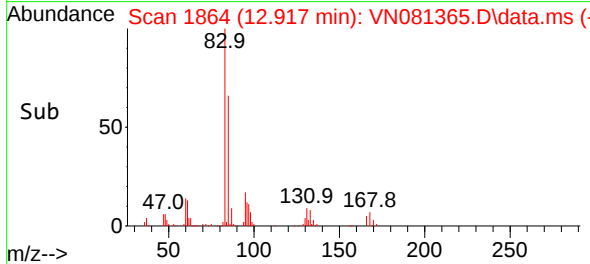
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 29364
Ion Ratio Lower Upper
83 100
131 10.1 4.1 12.3
85 66.1 32.1 96.3

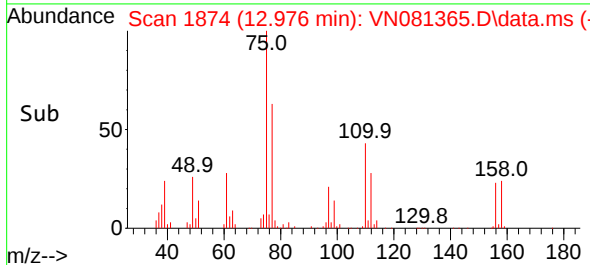
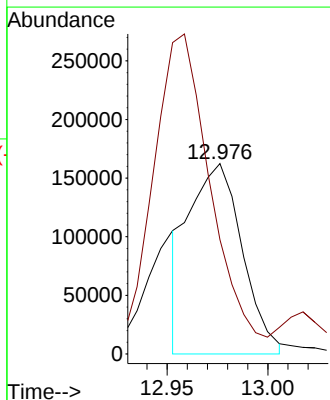
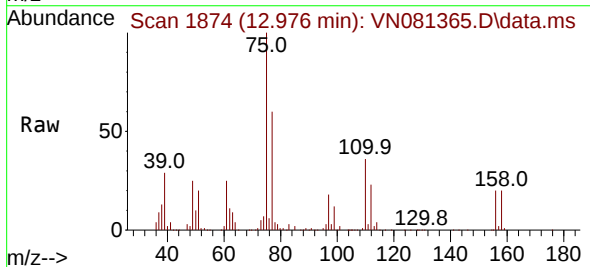
Manual Integrations
APPROVED

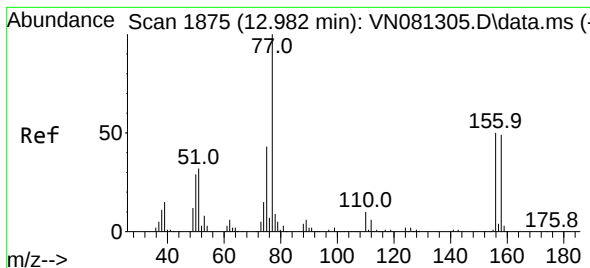
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#76
1,2,3-Trichloropropane
Concen: 46.871 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. -0.024 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion: 75 Resp: 298331
Ion Ratio Lower Upper
75 100
77 183.5 91.0 272.8





#77

Bromobenzene

Concen: 46.290 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.024 min

Lab File: VN081365.D

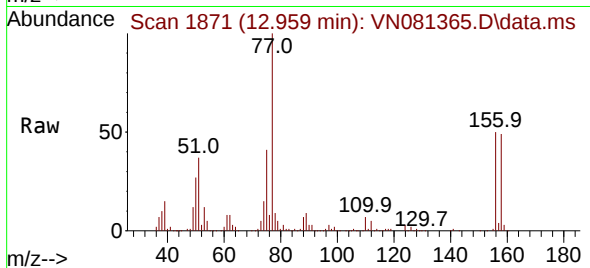
Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 238820

Ion Ratio Lower Upper

156 100

77 229.3 138.1 414.3

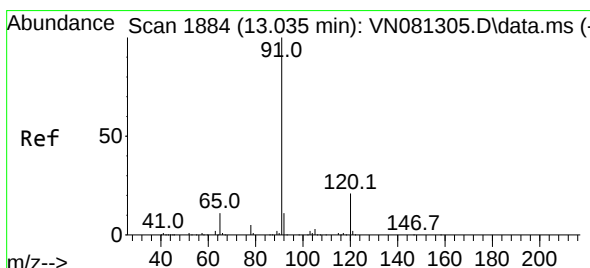
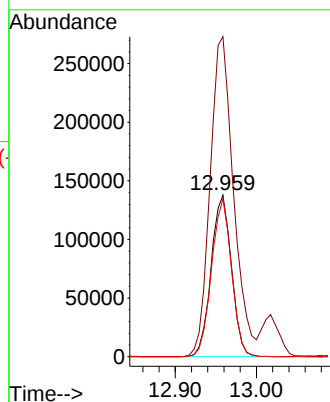
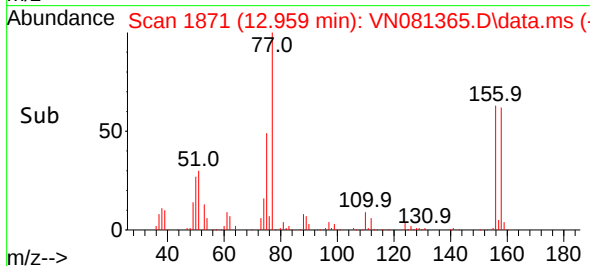
158 96.5 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#78

n-propylbenzene

Concen: 51.706 ug/l

RT: 13.017 min Scan# 1881

Delta R.T. -0.018 min

Lab File: VN081365.D

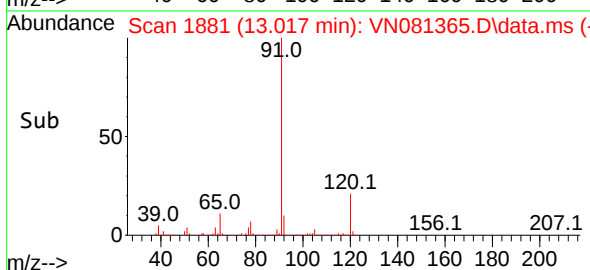
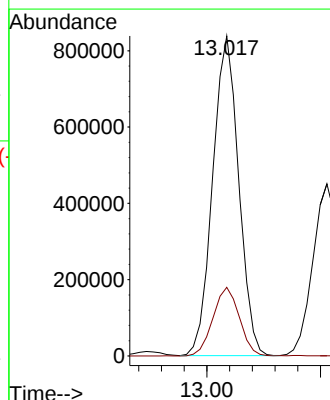
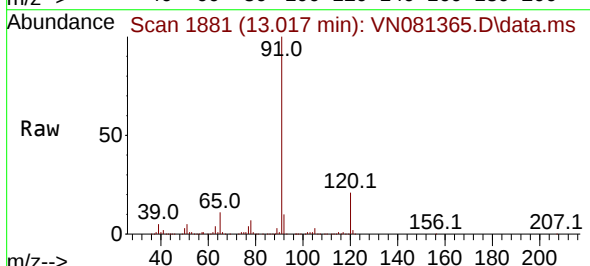
Acq: 11 Mar 2024 16:48

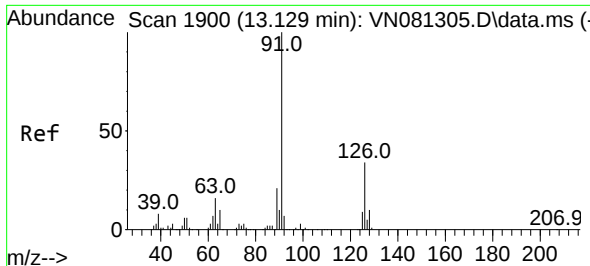
Tgt Ion: 91 Resp: 1330768

Ion Ratio Lower Upper

91 100

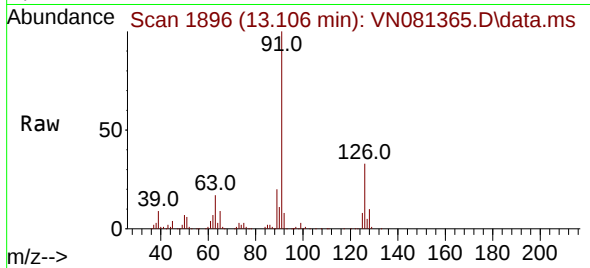
120 21.8 10.3 30.9





#79
2-Chlorotoluene
Concen: 48.812 ug/l
RT: 13.106 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

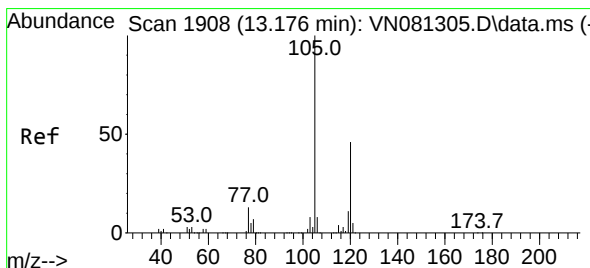
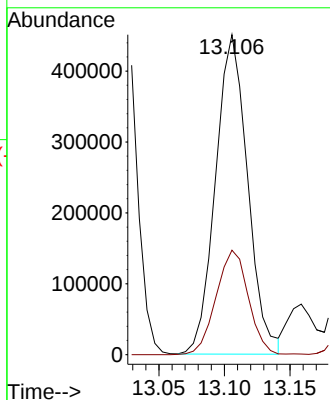
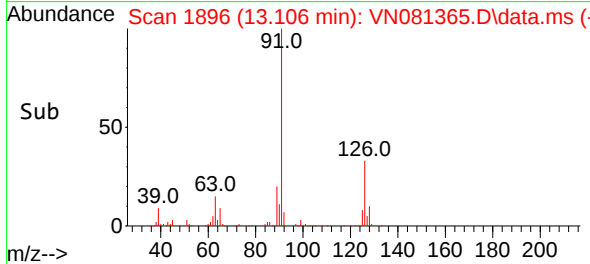
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 767898
Ion Ratio Lower Upper
91 100
126 33.0 14.8 44.4

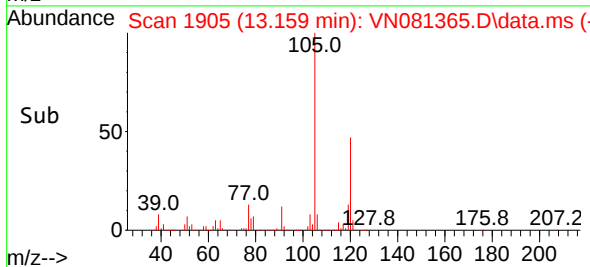
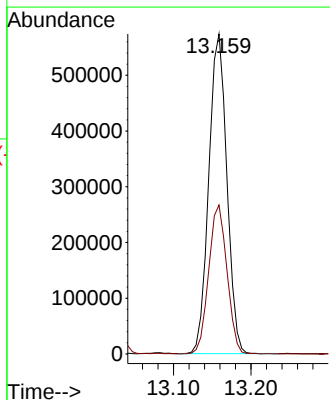
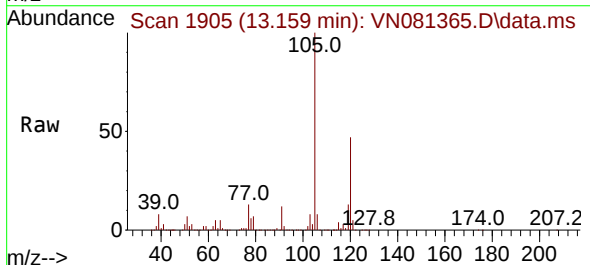
Manual Integrations
APPROVED

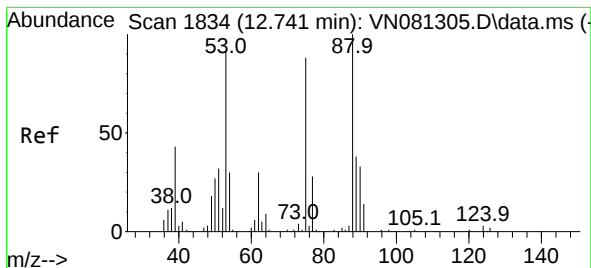
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.587 ug/l
RT: 13.159 min Scan# 1905
Delta R.T. -0.018 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

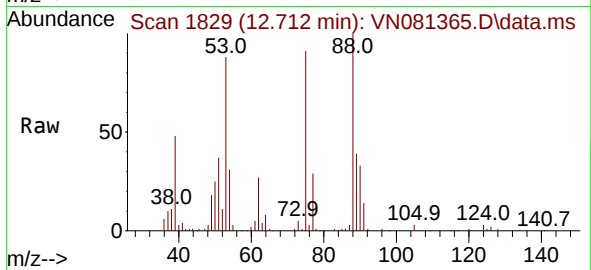
Tgt Ion:105 Resp: 927929
Ion Ratio Lower Upper
105 100
120 47.0 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.799 ug/l
RT: 12.712 min Scan# 1829
Delta R.T. -0.029 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

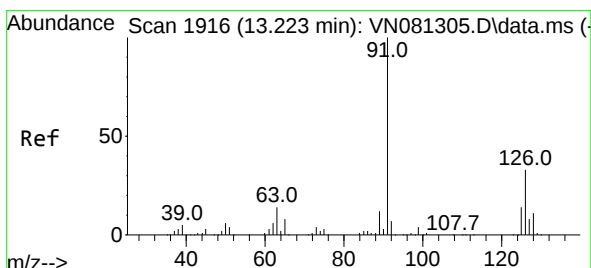
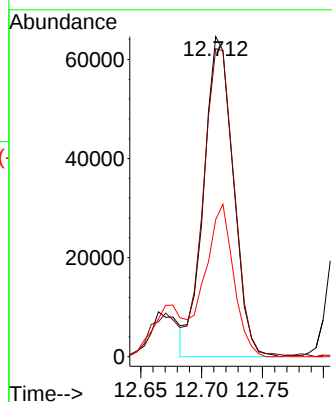
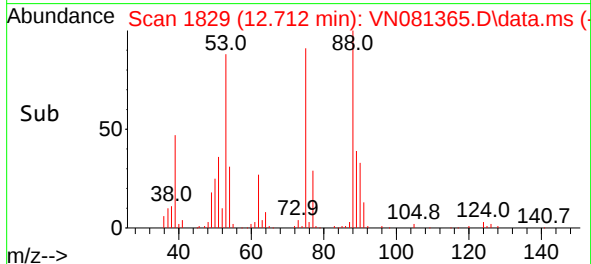
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 10901
Ion Ratio Lower Upper
75 100
53 99.5 71.4 107.2
89 45.9 33.4 50.0

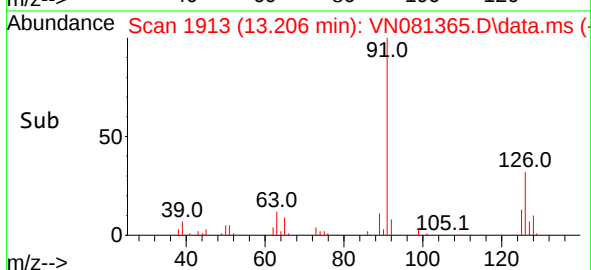
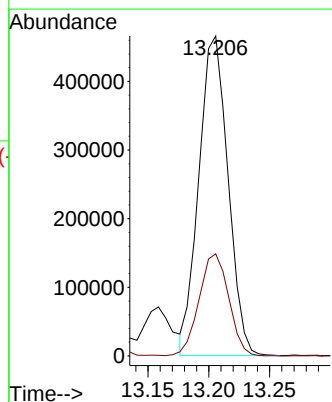
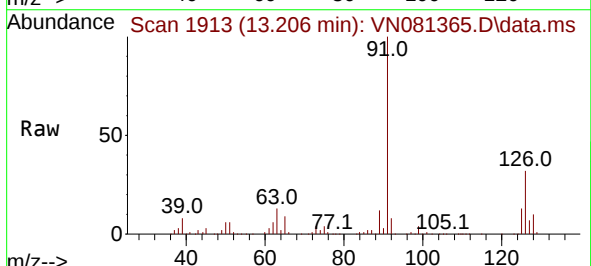
Manual Integrations
APPROVED

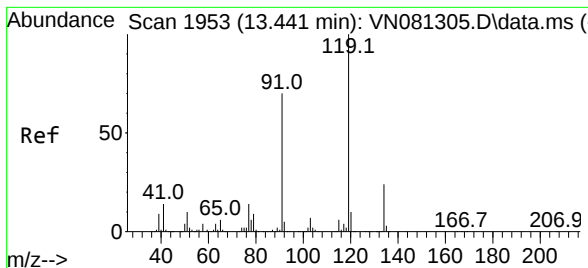
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#82
4-Chlorotoluene
Concen: 49.878 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. -0.018 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

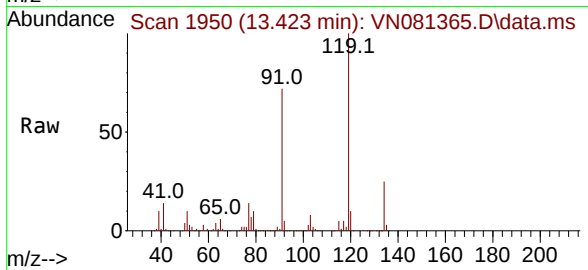
Tgt Ion: 91 Resp: 775043
Ion Ratio Lower Upper
91 100
126 32.6 15.3 45.9





#83
tert-Butylbenzene
Concen: 50.592 ug/l
RT: 13.423 min Scan# 1950
Delta R.T. -0.018 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

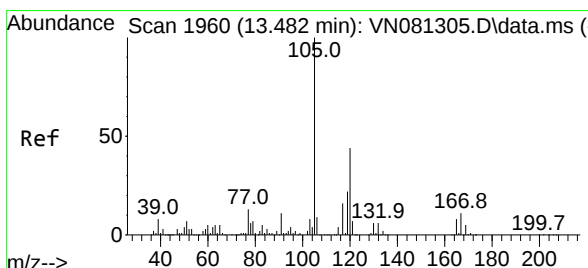
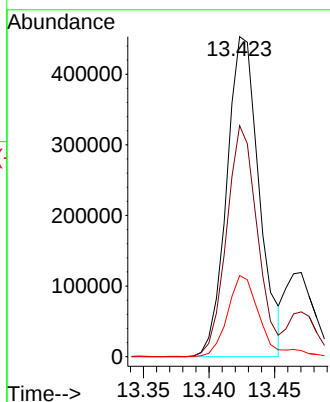
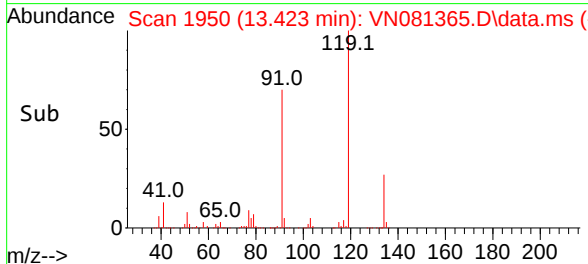
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 78017
Ion Ratio Lower Upper
119 100
91 68.5 36.8 110.4
134 25.5 12.4 37.4

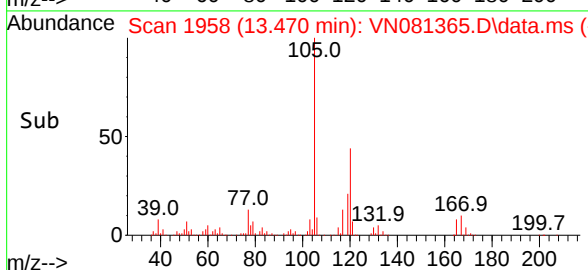
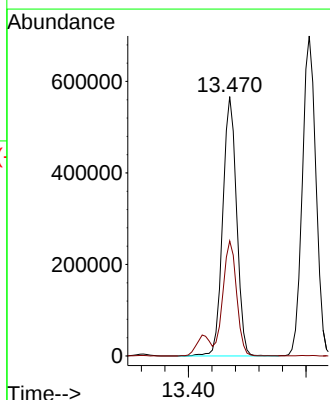
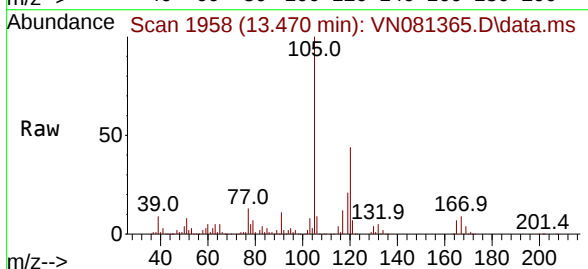
Manual Integrations
APPROVED

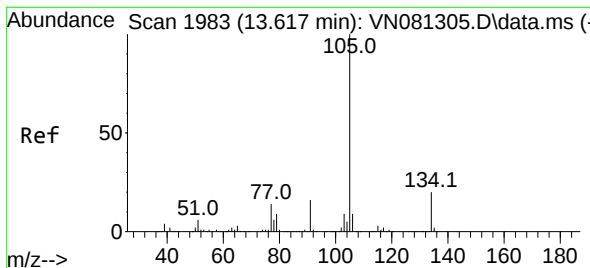
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#84
1,2,4-Trimethylbenzene
Concen: 51.002 ug/l
RT: 13.470 min Scan# 1958
Delta R.T. -0.012 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion:105 Resp: 929468
Ion Ratio Lower Upper
105 100
120 43.4 20.9 62.7





#85

sec-Butylbenzene

Concen: 50.436 ug/l

RT: 13.606 min Scan# 1983

Delta R.T. -0.012 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 112518

Ion Ratio Lower Upper

105 100

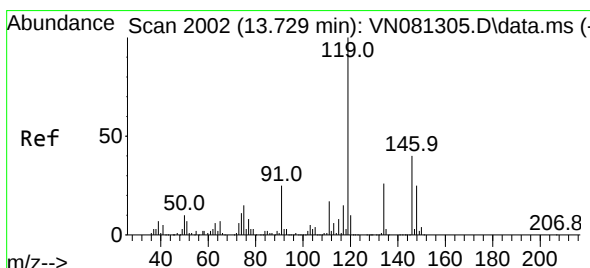
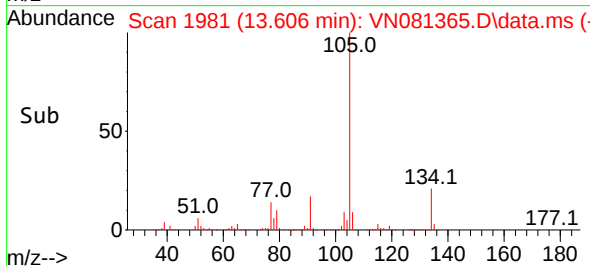
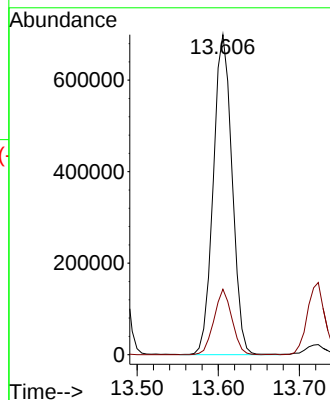
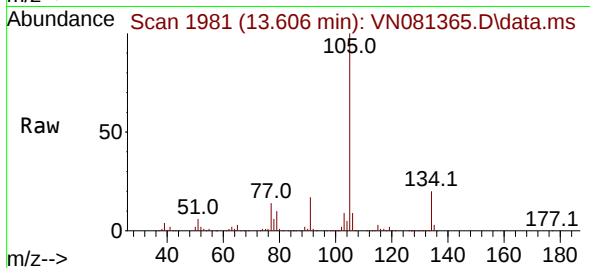
134 19.5 8.6 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#86

p-Isopropyltoluene

Concen: 52.281 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

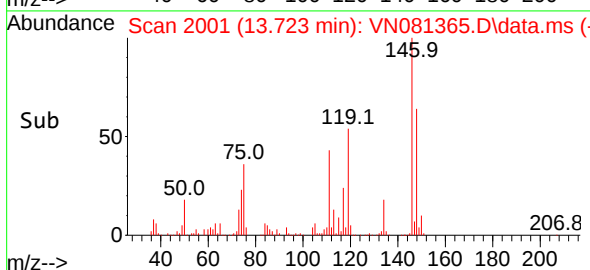
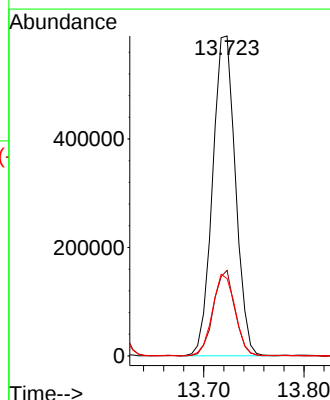
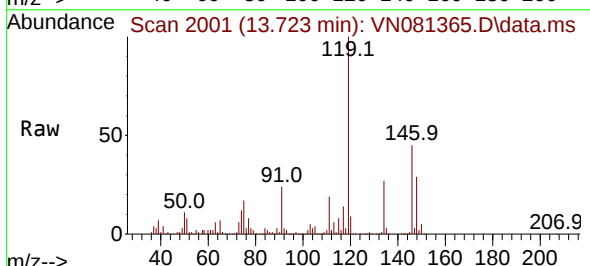
Tgt Ion:119 Resp: 935371

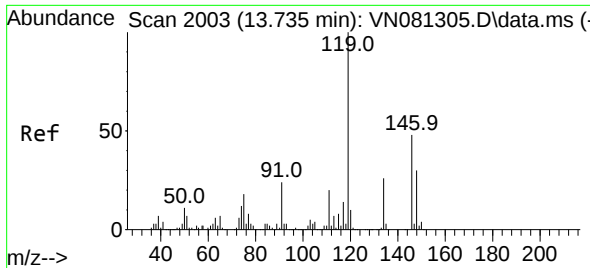
Ion Ratio Lower Upper

119 100

134 25.2 12.4 37.2

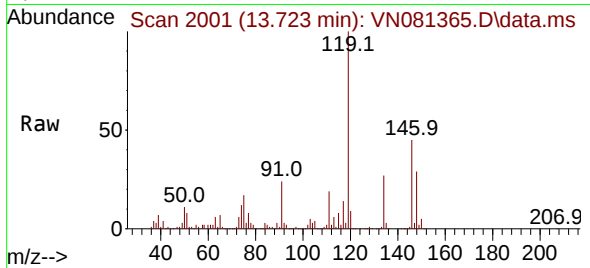
91 25.4 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 47.092 ug/l
RT: 13.723 min Scan# 2014
Delta R.T. -0.012 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

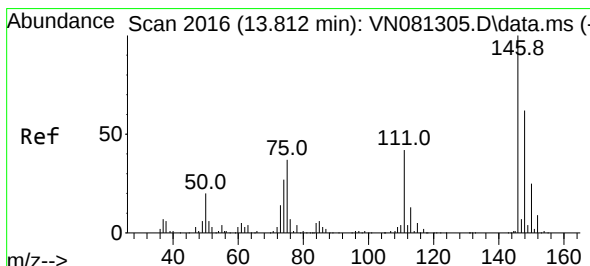
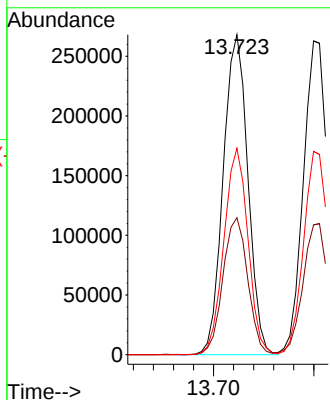
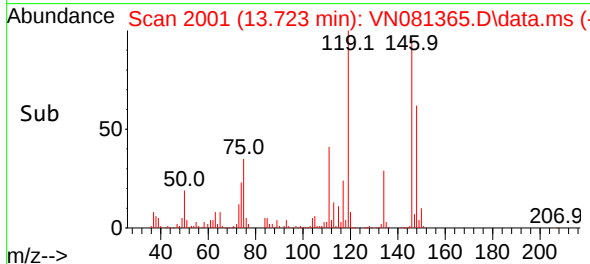
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 45876
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.7
148 63.0 32.6 97.7

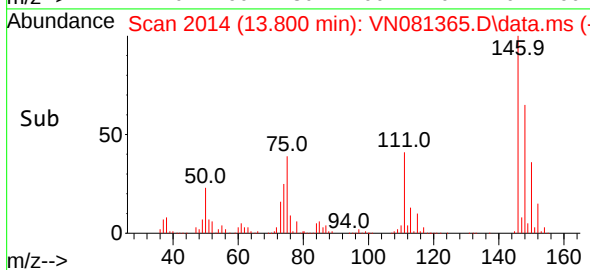
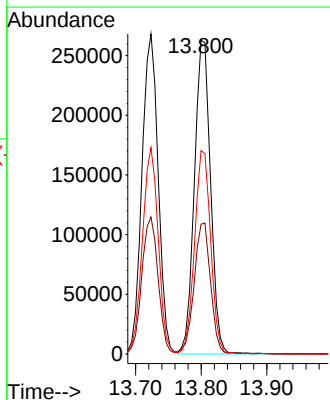
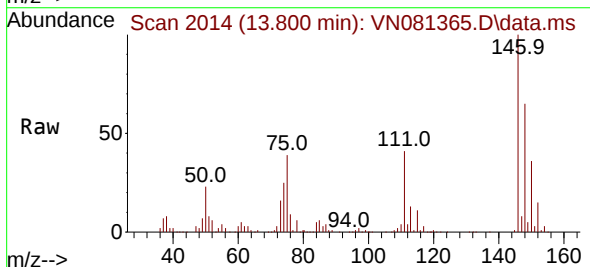
Manual Integrations
APPROVED

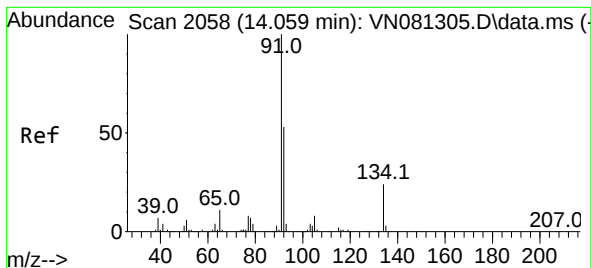
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#88
1,4-Dichlorobenzene
Concen: 46.507 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.012 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

Tgt Ion:146 Resp: 452849
Ion Ratio Lower Upper
146 100
111 42.4 22.6 67.7
148 64.4 31.9 95.5





#89

n-Butylbenzene

Concen: 52.271 ug/l

RT: 14.047 min Scan# 2058

Delta R.T. -0.012 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

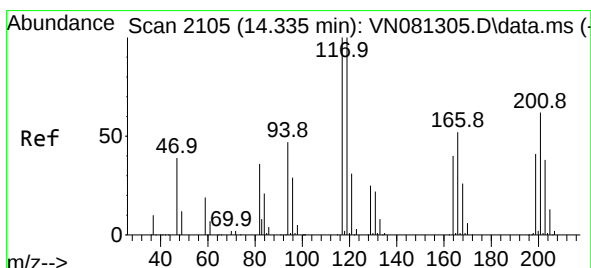
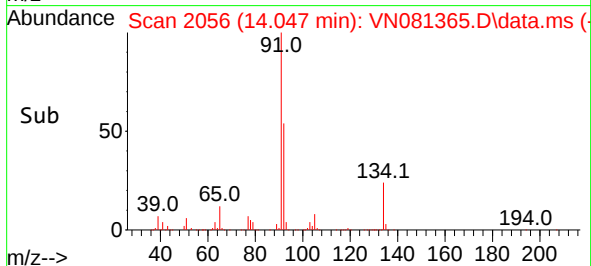
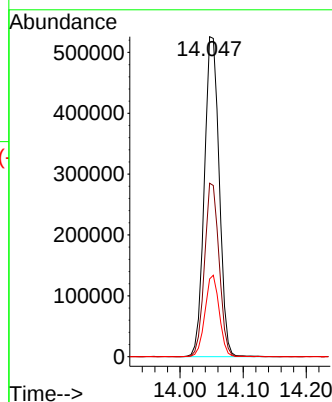
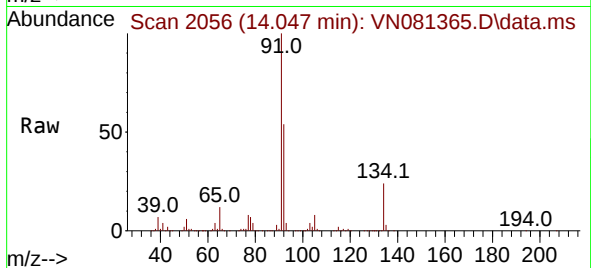
Tgt Ion:	91	Resp:	857619
Ion Ratio	Lower	Upper	
91	100		
92	53.2	26.7	80.1
134	24.5	10.8	32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#90

Hexachloroethane

Concen: 49.017 ug/l

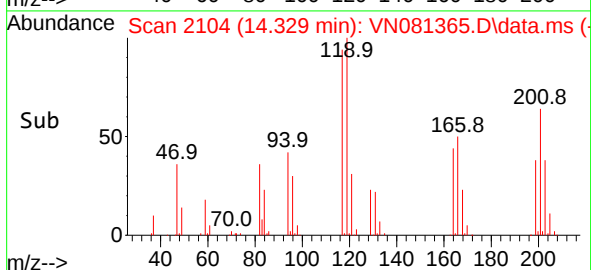
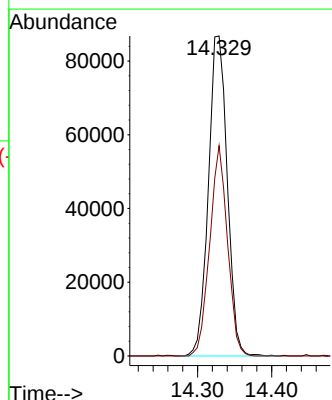
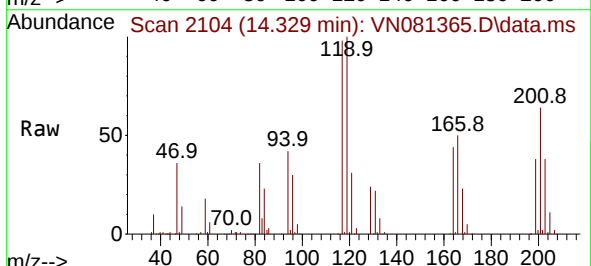
RT: 14.329 min Scan# 2104

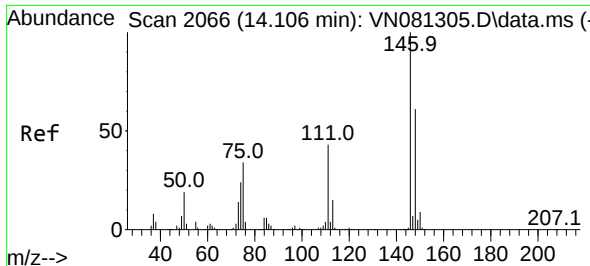
Delta R.T. -0.006 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

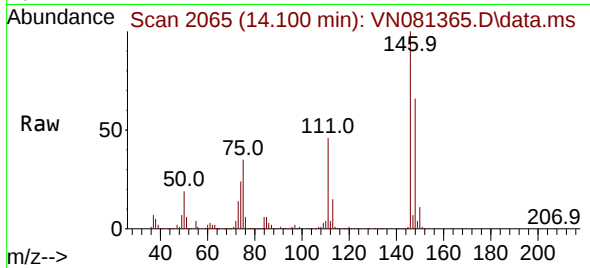
Tgt Ion:	117	Resp:	153538
Ion Ratio	Lower	Upper	
117	100		
201	61.7	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 46.832 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

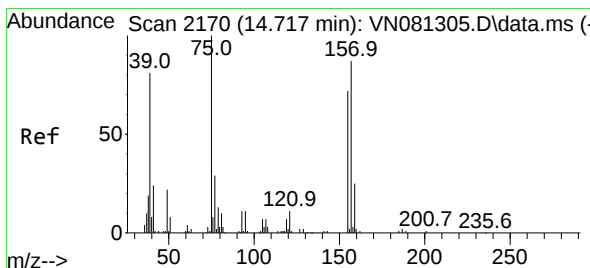
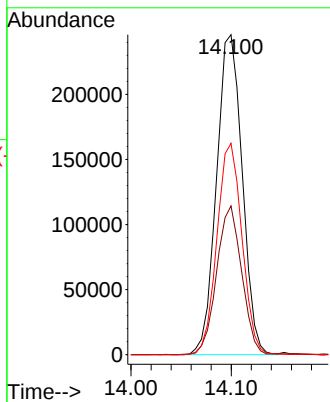
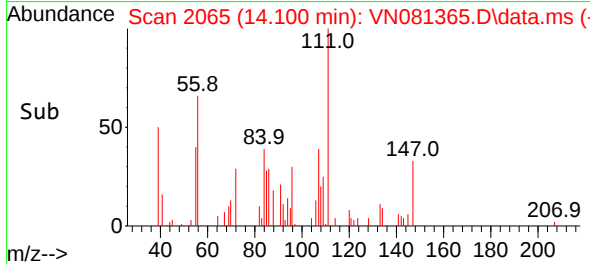
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 43772
Ion Ratio Lower Upper
146 100
111 45.5 23.9 71.8
148 64.4 31.4 94.0

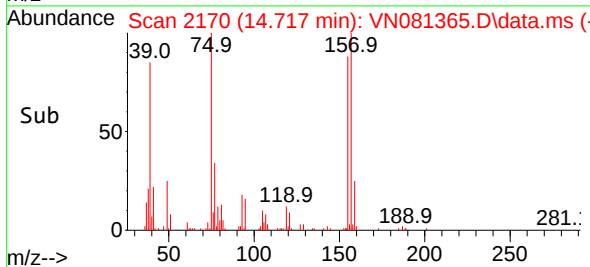
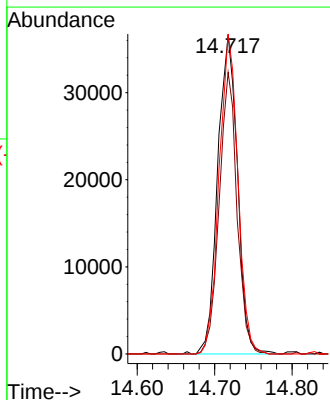
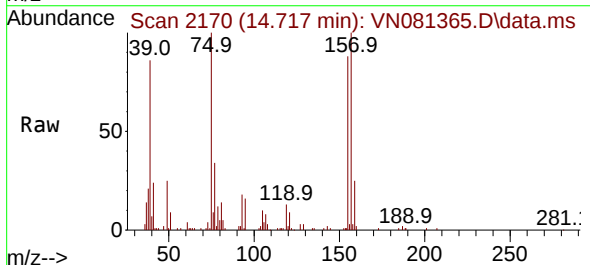
Manual Integrations
APPROVED

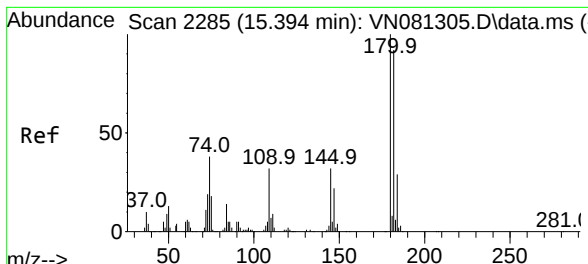
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.894 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

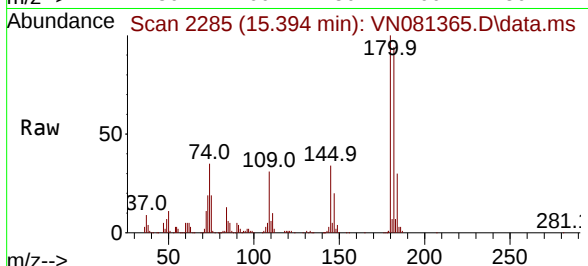
Tgt Ion: 75 Resp: 64514
Ion Ratio Lower Upper
75 100
155 80.2 31.8 95.4
157 95.7 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 53.187 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48

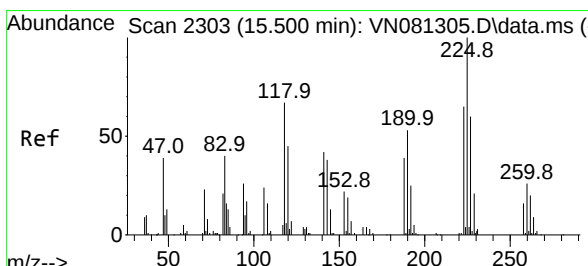
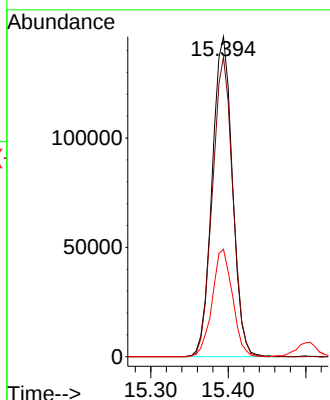
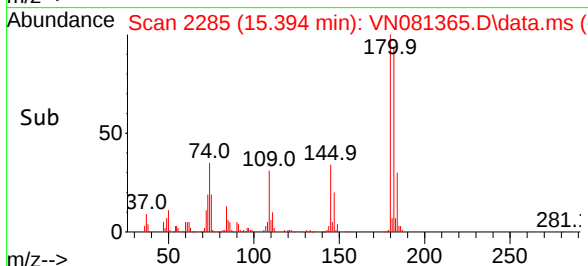
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



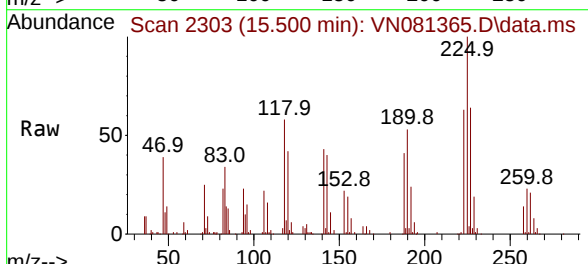
Tgt Ion:180 Resp: 265729
Ion Ratio Lower Upper
180 100
182 93.6 46.6 139.7
145 33.7 16.8 50.3

Manual Integrations
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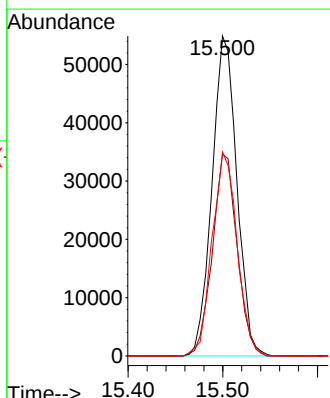
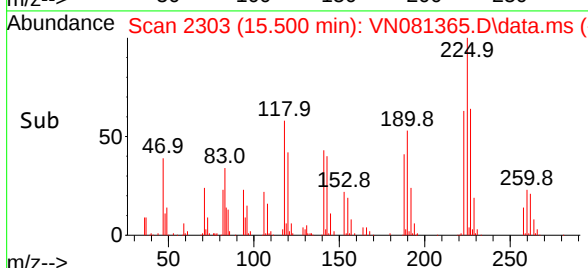
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

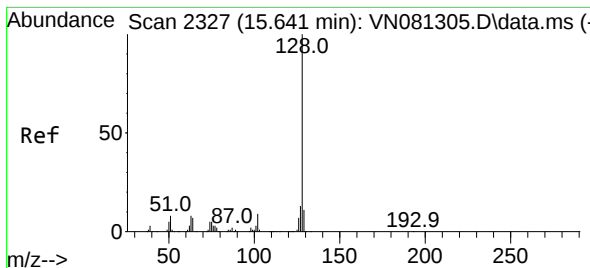


#94
Hexachlorobutadiene
Concen: 48.396 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN081365.D
Acq: 11 Mar 2024 16:48



Tgt Ion:225 Resp: 99910
Ion Ratio Lower Upper
225 100
223 62.7 33.3 99.8
227 64.3 33.1 99.2





#95

Naphthalene

Concen: 51.418 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 914090

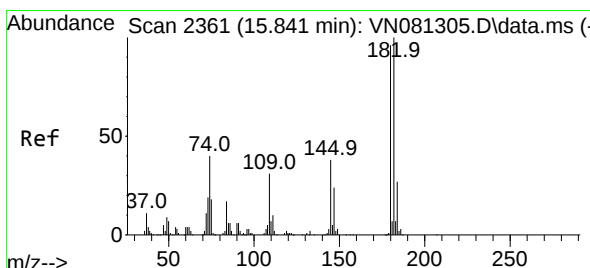
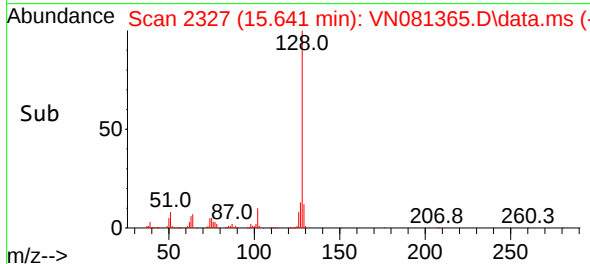
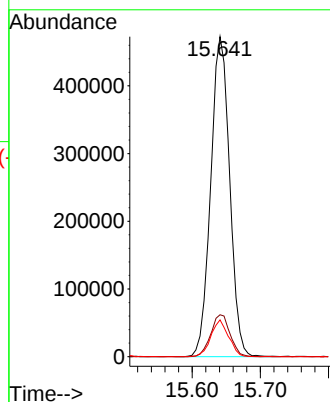
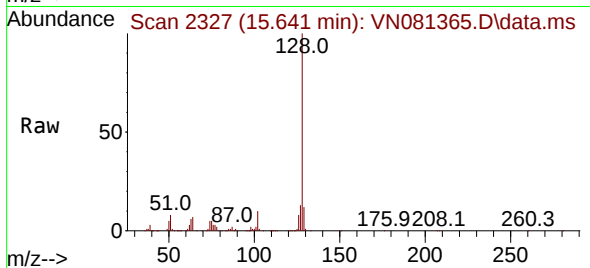
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.0	15.0
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.623 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081365.D

Acq: 11 Mar 2024 16:48

Tgt Ion:180 Resp: 256487

Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.5	139.3
145	36.0	17.8	53.4

