

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082680.D
 Acq On : 21 Jun 2024 16:08
 Operator : JC\MD
 Sample : VN0621WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2024
 Supervised By : Mahesh Dadoda 06/24/2024

Quant Time: Jun 24 02:13:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	149882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	231343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	132461	55.110	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.220%			
35) Dibromofluoromethane	8.171	113	90580	52.931	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.860%			
50) Toluene-d8	10.571	98	342964	52.997	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.000%			
62) 4-Bromofluorobenzene	12.853	95	114553	51.343	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42913	20.500	ug/l	100
3) Chloromethane	2.359	50	48792	19.444	ug/l	100
4) Vinyl Chloride	2.512	62	50706	21.233	ug/l	99
5) Bromomethane	2.948	94	31543	20.519	ug/l	89
6) Chloroethane	3.112	64	35657	20.939	ug/l	96
7) Trichlorofluoromethane	3.489	101	61936	19.879	ug/l	99
8) Diethyl Ether	3.959	74	21520	20.282	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	36965	21.182	ug/l #	85
10) Methyl Iodide	4.589	142	27274	16.407	ug/l	94
11) Tert butyl alcohol	5.524	59	46279	117.645	ug/l #	87
12) 1,1-Dichloroethene	4.348	96	31675	18.981	ug/l	90
13) Acrolein	4.189	56	34007	84.863	ug/l	98
14) Allyl chloride	5.024	41	70025	21.455	ug/l	89
15) Acrylonitrile	5.724	53	119649	115.227	ug/l	99
16) Acetone	4.430	43	111035	101.577	ug/l	100
17) Carbon Disulfide	4.712	76	93497	17.642	ug/l	96
18) Methyl Acetate	5.036	43	66772	24.975	ug/l	100
19) Methyl tert-butyl Ether	5.800	73	123441	21.609	ug/l	99
20) Methylene Chloride	5.277	84	42384	22.054	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	35688	20.122	ug/l	99
22) Diisopropyl ether	6.677	45	148586	21.708	ug/l	97
23) Vinyl Acetate	6.606	43	590645	108.819	ug/l	100
24) 1,1-Dichloroethane	6.571	63	78986	21.302	ug/l	98
25) 2-Butanone	7.488	43	179379	115.451	ug/l	100
26) 2,2-Dichloropropane	7.494	77	63170	19.639	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	43601	20.403	ug/l	99
28) Bromochloromethane	7.818	49	39951	23.610	ug/l	100
29) Tetrahydrofuran	7.841	42	115832	121.781	ug/l	99
30) Chloroform	7.971	83	77322	21.378	ug/l	98
31) Cyclohexane	8.259	56	65214	18.800	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	69382	21.154	ug/l	96
36) 1,1-Dichloropropene	8.371	75	51110	19.979	ug/l	99
37) Ethyl Acetate	7.565	43	69400	21.297	ug/l	99
38) Carbon Tetrachloride	8.365	117	59163	20.522	ug/l	96
39) Methylcyclohexane	9.606	83	51408	19.095	ug/l	95
40) Benzene	8.612	78	166252	21.033	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	38474	23.098	ug/l	97
42) 1,2-Dichloroethane	8.671	62	68392	22.747	ug/l	99
43) Isopropyl Acetate	8.694	43	139520	22.910	ug/l	95
44) Trichloroethene	9.353	130	37027	20.173	ug/l	99
45) 1,2-Dichloropropane	9.624	63	44084	21.667	ug/l	99
46) Dibromomethane	9.712	93	31815	23.068	ug/l	98
47) Bromodichloromethane	9.888	83	64879	22.064	ug/l	97
48) Methyl methacrylate	9.688	41	56685	22.579	ug/l	98
49) 1,4-Dioxane	9.700	88	18715	476.588	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	374716	119.964	ug/l	100
52) Toluene	10.635	92	101207	21.127	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	64176	21.350	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	66428	21.370	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	40973	23.631	ug/l	95
56) Ethyl methacrylate	10.877	69	62204	21.661	ug/l	98
57) 1,3-Dichloropropane	11.165	76	73456	22.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	171273	112.746	ug/l	98
59) 2-Hexanone	11.200	43	280897	118.319	ug/l	98
60) Dibromochloromethane	11.359	129	48101	22.727	ug/l	99
61) 1,2-Dibromoethane	11.476	107	41009	22.433	ug/l	100
64) Tetrachloroethene	11.106	164	35747	18.741	ug/l	94
65) Chlorobenzene	11.894	112	108910	20.529	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	40498	21.408	ug/l	99
67) Ethyl Benzene	11.965	91	178750	19.774	ug/l	99
68) m/p-Xylenes	12.076	106	139086	41.359	ug/l	99
69) o-Xylene	12.400	106	64313	20.355	ug/l	98
70) Styrene	12.412	104	114714	21.392	ug/l	99
71) Bromoform	12.582	173	32643	21.826	ug/l #	99
73) Isopropylbenzene	12.700	105	162596	19.310	ug/l	98
74) N-amyl acetate	12.494	43	94299	20.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	61305	22.320	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	58087m	21.417	ug/l	
77) Bromobenzene	12.982	156	43245	19.953	ug/l	96
78) n-propylbenzene	13.041	91	201797	20.260	ug/l	99
79) 2-Chlorotoluene	13.129	91	123957	19.845	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	139697	20.444	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	21820m	19.248	ug/l	
82) 4-Chlorotoluene	13.223	91	123733	19.830	ug/l	98
83) tert-Butylbenzene	13.441	119	113824	19.555	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	140287	20.465	ug/l	99
85) sec-Butylbenzene	13.618	105	163638	19.795	ug/l	99
86) p-Isopropyltoluene	13.729	119	133922	20.118	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	79535	20.239	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	81069	19.737	ug/l	99
89) n-Butylbenzene	14.059	91	115598	19.577	ug/l	97
90) Hexachloroethane	14.335	117	27884	19.252	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	77055	20.082	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13621	23.433	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	38521	19.038	ug/l	97
94) Hexachlorobutadiene	15.506	225	17606	17.648	ug/l	100
95) Naphthalene	15.647	128	126958	20.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40983	19.876	ug/l	97

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ClientSampleId :
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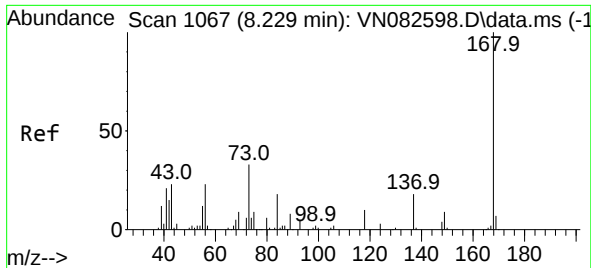
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

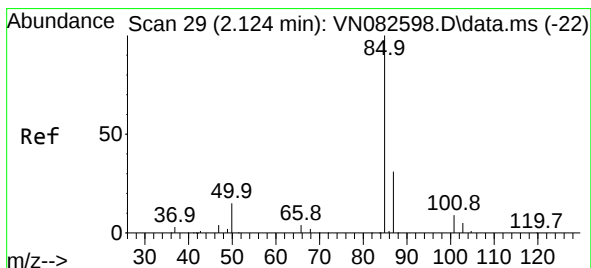
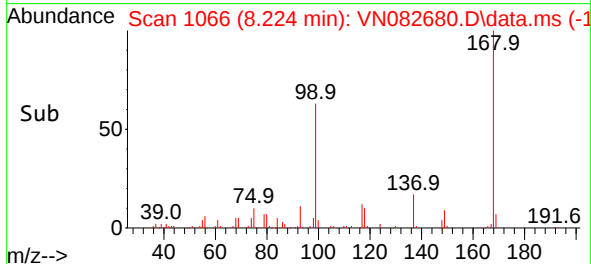
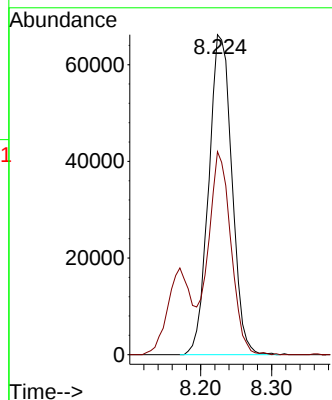
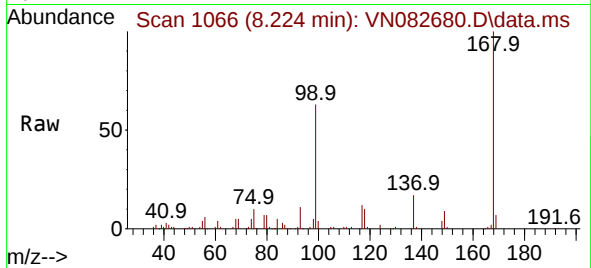
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Tgt Ion:168 Resp: 14988
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4

Manual Integrations

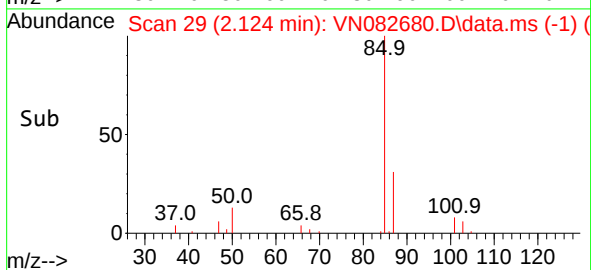
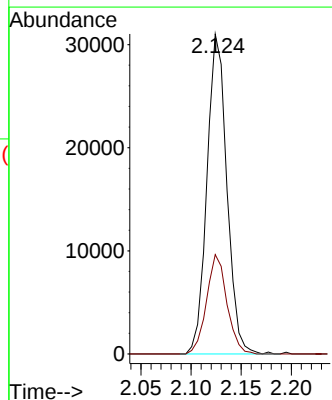
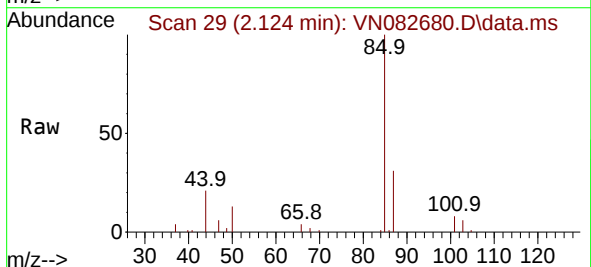
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#2
Dichlorodifluoromethane
Concen: 20.500 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion: 85 Resp: 42913
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.0





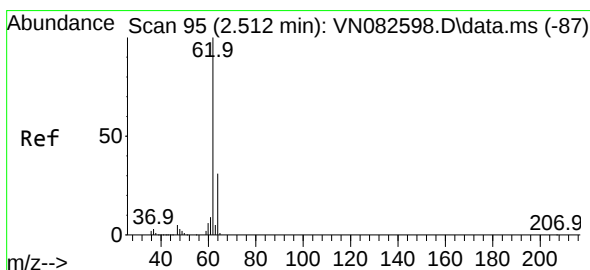
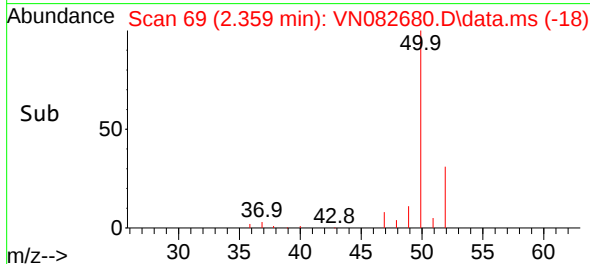
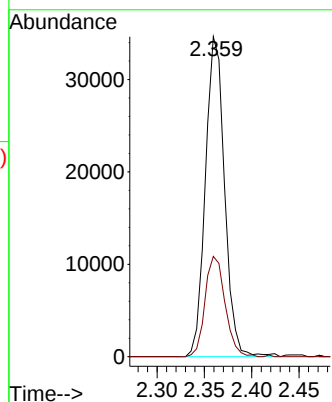
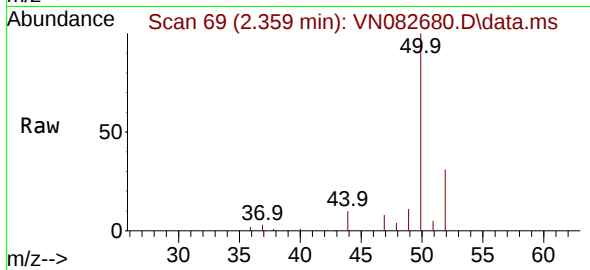
#3
Chloromethane
Concen: 19.444 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 50 Resp: 48792
Ion Ratio Lower Upper
50 100
52 31.3 25.0 37.4

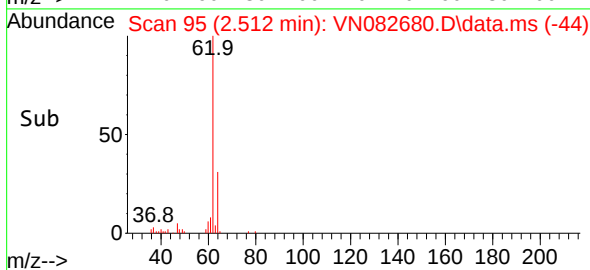
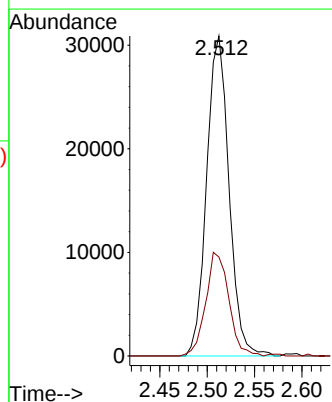
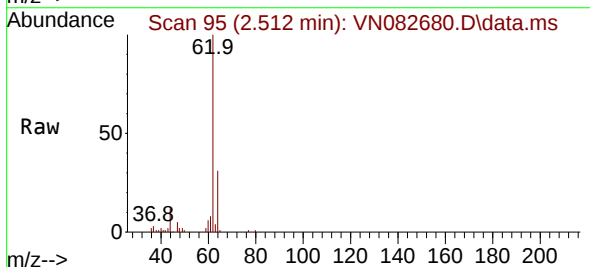
Manual Integrations
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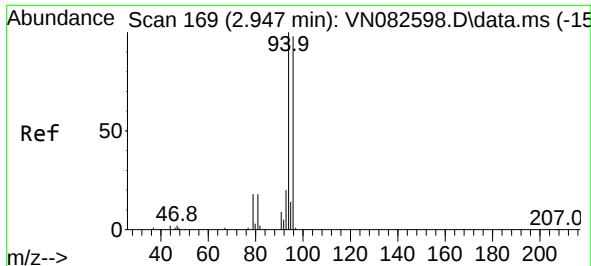
Reviewed By :John Carlone 06/24/2024
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#4
Vinyl Chloride
Concen: 21.233 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

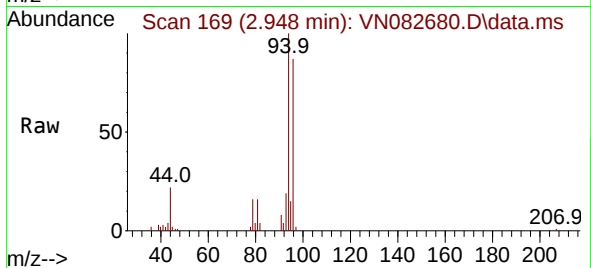
Tgt Ion: 62 Resp: 50706
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.6





#5
Bromomethane
Concen: 20.519 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.001 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

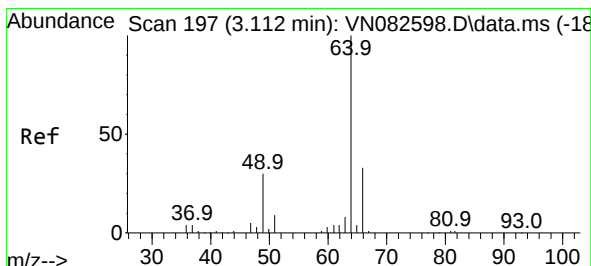
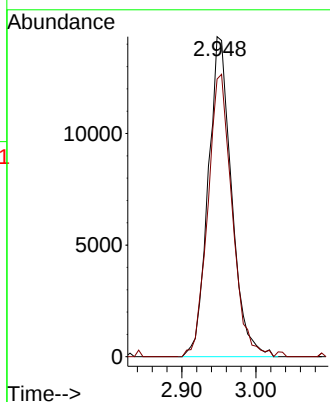
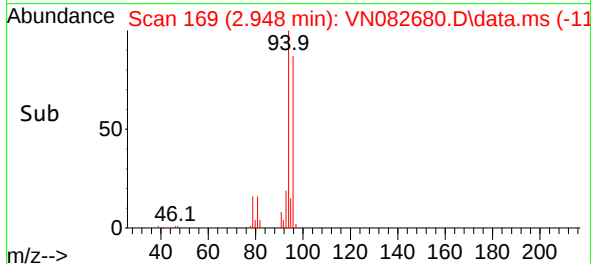
Instrument :
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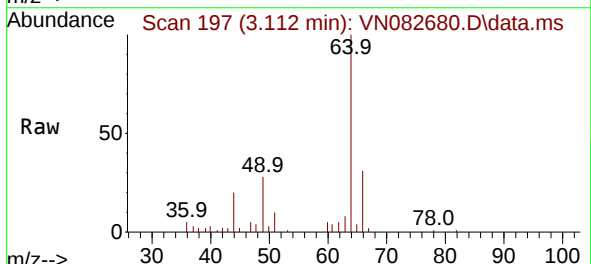
Tgt Ion: 94 Resp: 3154
Ion Ratio Lower Upper
94 100
96 86.8 78.0 117.0

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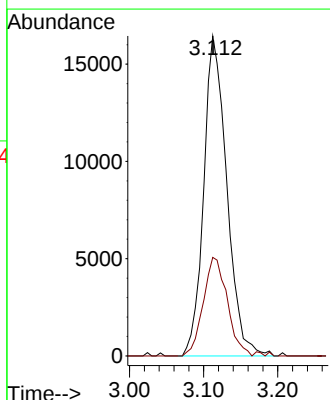
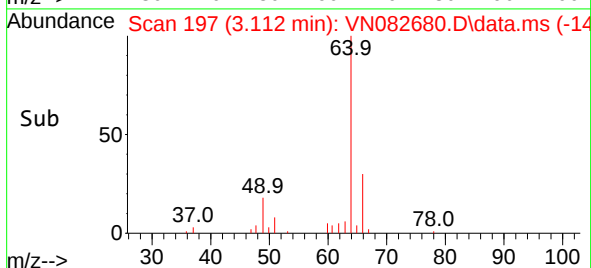
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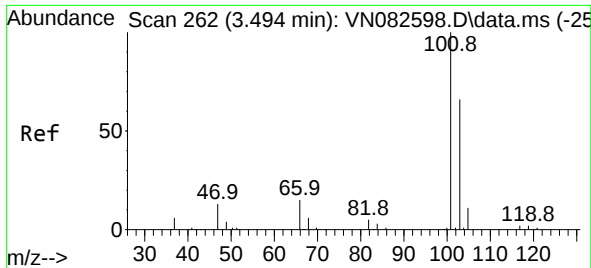


#6
Chloroethane
Concen: 20.939 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



Tgt Ion: 64 Resp: 35657
Ion Ratio Lower Upper
64 100
66 30.8 26.6 40.0





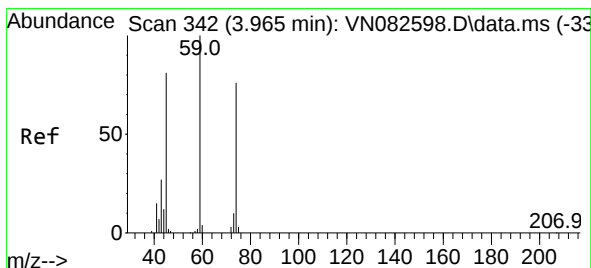
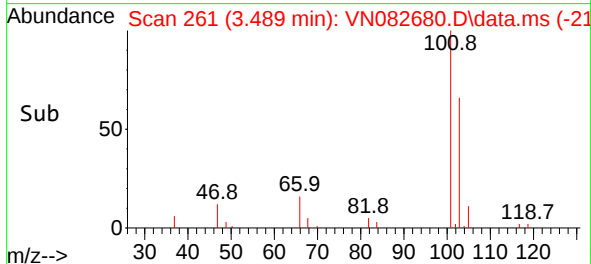
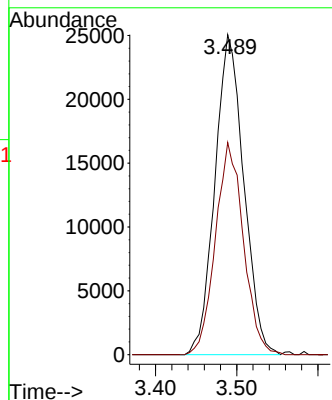
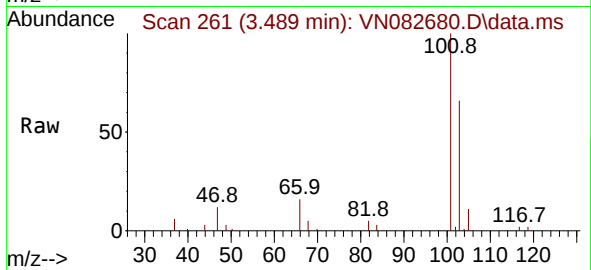
#7
Trichlorofluoromethane
Concen: 19.879 ug/l
RT: 3.489 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:101 Resp: 61930
Ion Ratio Lower Upper
101 100
103 66.3 52.7 79.1

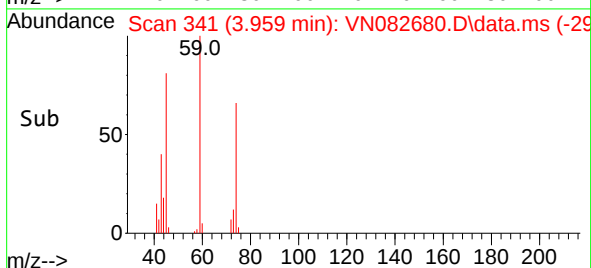
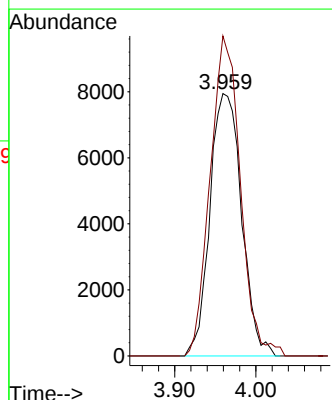
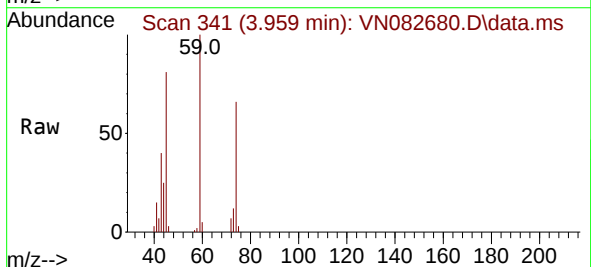
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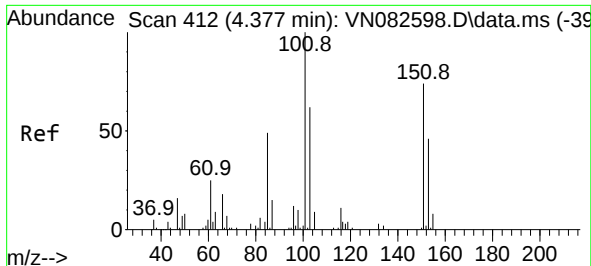
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#8
Diethyl Ether
Concen: 20.282 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion: 74 Resp: 21520
Ion Ratio Lower Upper
74 100
45 116.4 55.5 166.3





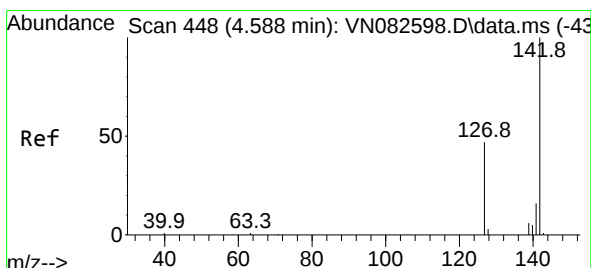
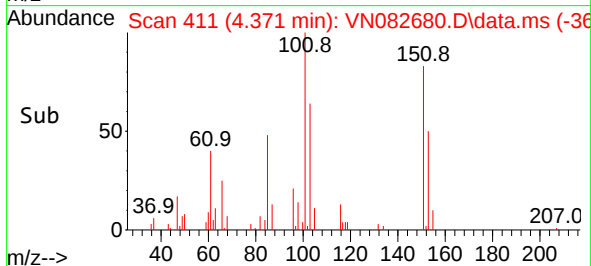
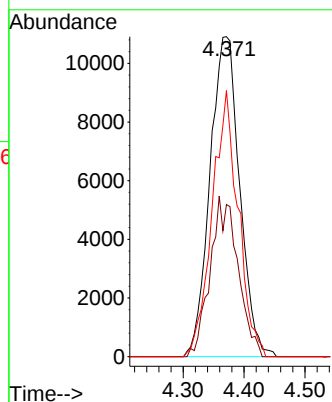
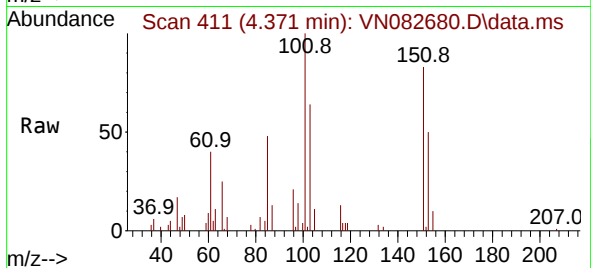
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.182 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

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MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:101 Resp: 3696
Ion Ratio Lower Upper
101 100
85 23.3 38.3 57.5
151 72.9 59.3 88.9

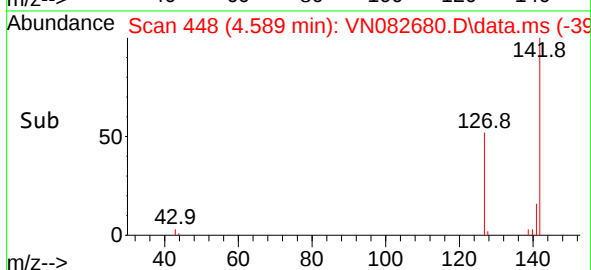
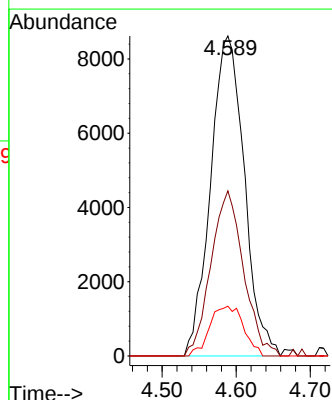
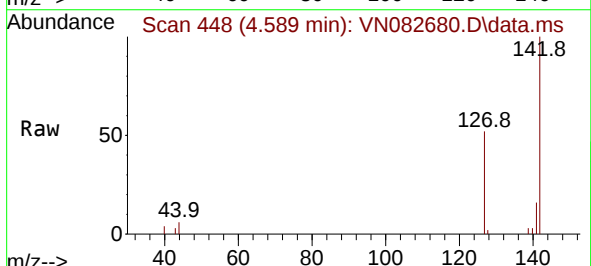
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#10
Methyl Iodide
Concen: 16.407 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

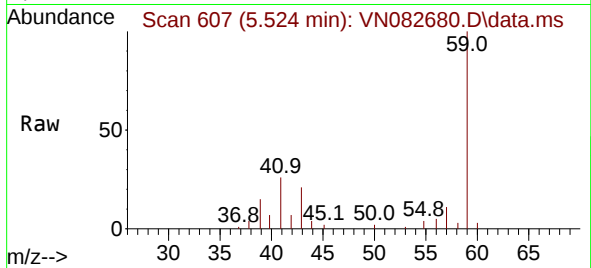
Tgt Ion:142 Resp: 27274
Ion Ratio Lower Upper
142 100
127 51.6 37.5 56.3
141 15.5 13.1 19.7





#11
Tert butyl alcohol
Concen: 117.645 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

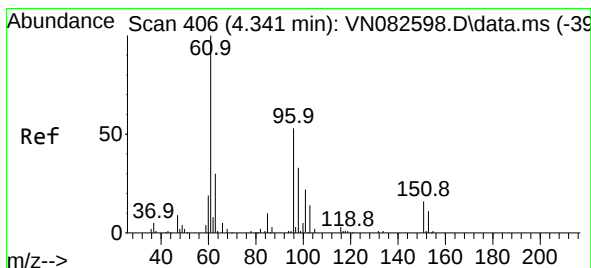
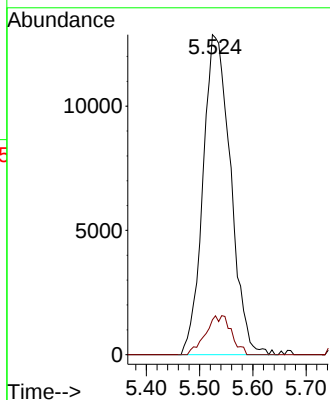
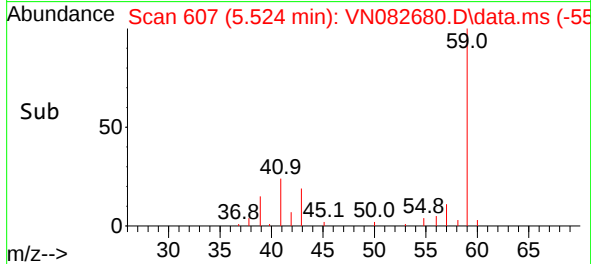
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



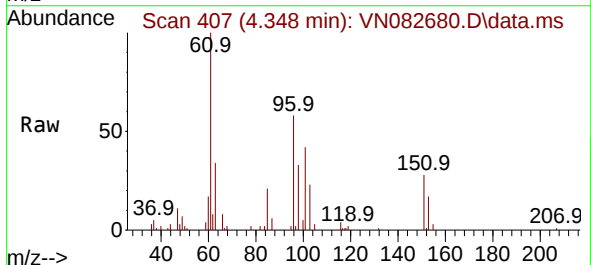
Tgt Ion: 59 Resp: 46279
Ion Ratio Lower Upper
59 100
57 6.3 8.9 13.3

Manual Integrations
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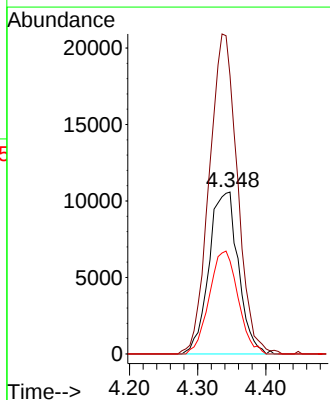
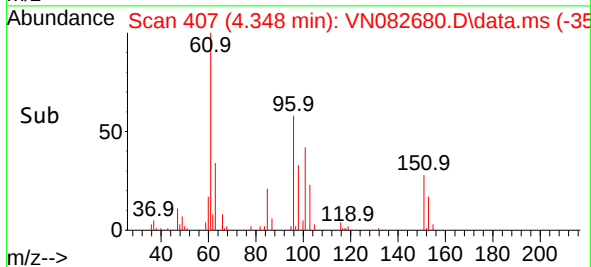
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

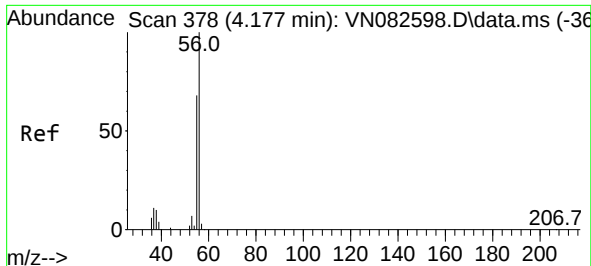


#12
1,1-Dichloroethene
Concen: 18.981 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



Tgt Ion: 96 Resp: 31675
Ion Ratio Lower Upper
96 100
61 171.7 149.7 224.5
98 57.3 50.1 75.1





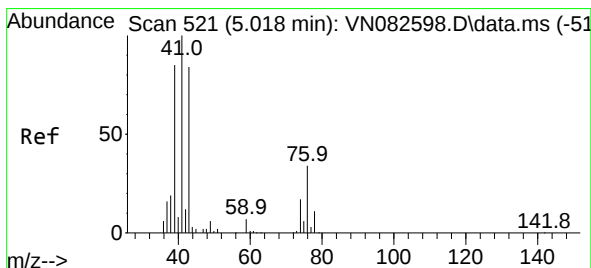
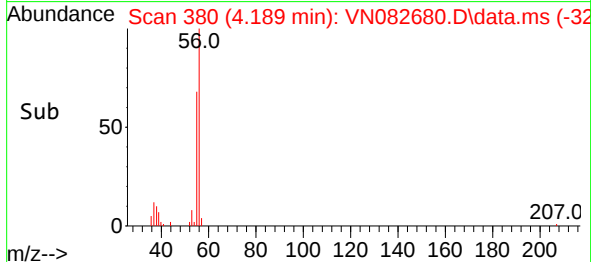
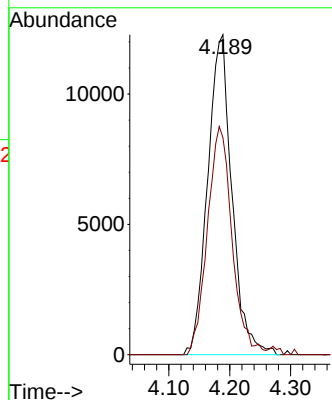
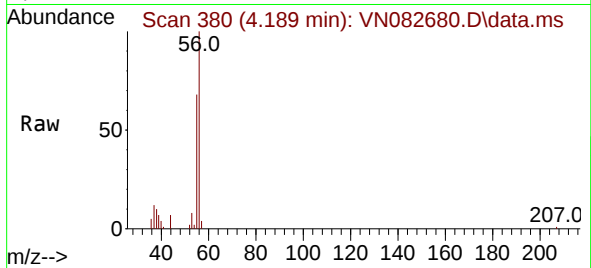
#13
Acrolein
Concen: 84.863 ug/l
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 56 Resp: 3400
Ion Ratio Lower Upper
56 100
55 72.3 56.4 84.6

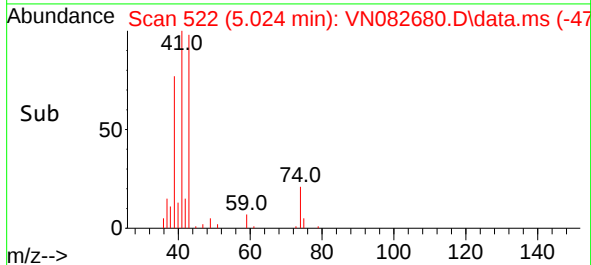
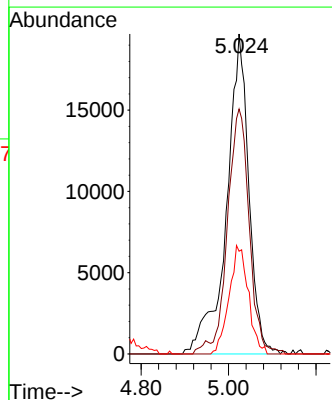
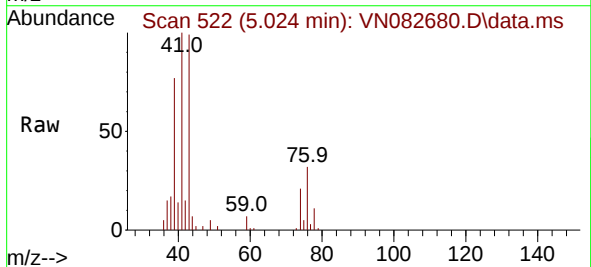
Manual Integrations
APPROVED

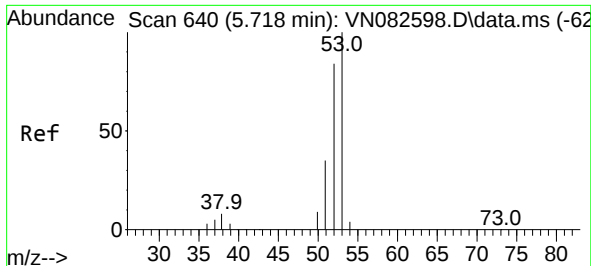
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#14
Allyl chloride
Concen: 21.455 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

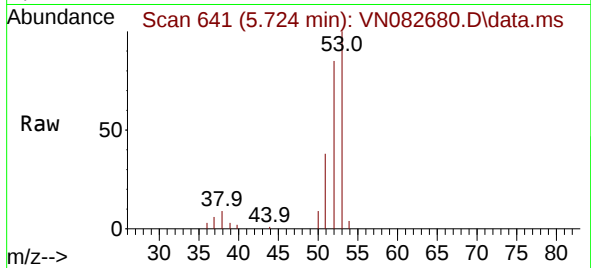
Tgt Ion: 41 Resp: 70025
Ion Ratio Lower Upper
41 100
39 72.6 67.8 101.6
76 29.1 25.8 38.8





#15
Acrylonitrile
Concen: 115.227 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

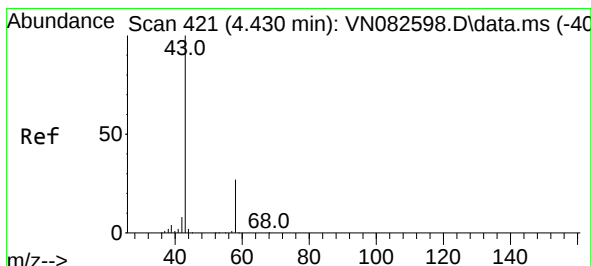
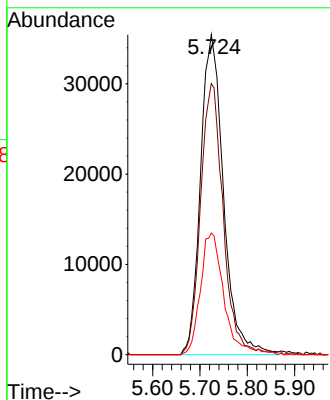
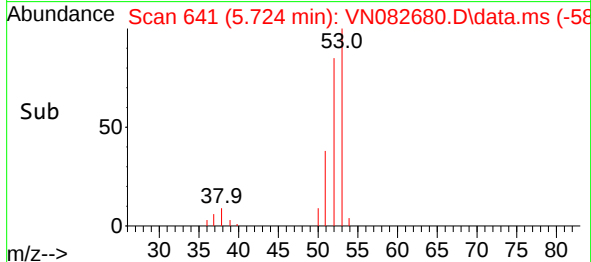
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 53 Resp: 119649
Ion Ratio Lower Upper
53 100
52 83.3 66.6 100.0
51 38.9 30.1 45.1

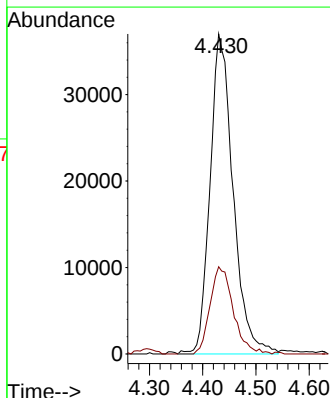
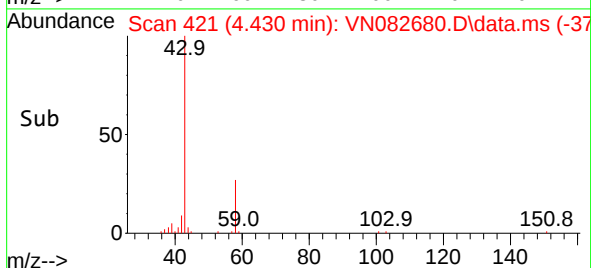
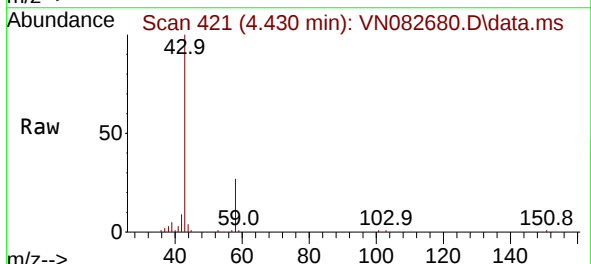
Manual Integrations
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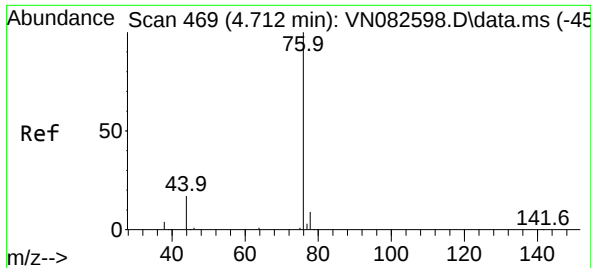
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#16
Acetone
Concen: 101.577 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion: 43 Resp: 111035
Ion Ratio Lower Upper
43 100
58 27.3 21.8 32.6





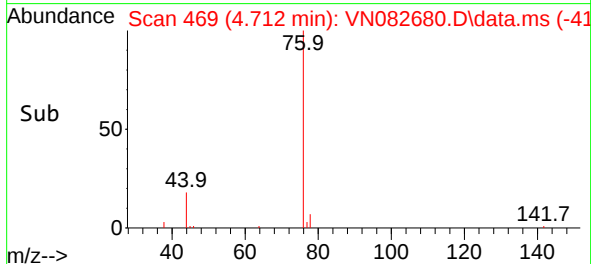
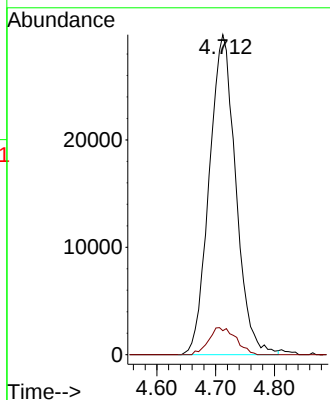
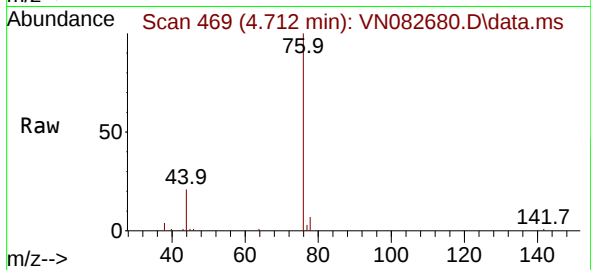
#17
Carbon Disulfide
Concen: 17.642 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 76 Resp: 9349
Ion Ratio Lower Upper
76 100
78 7.5 7.2 10.8

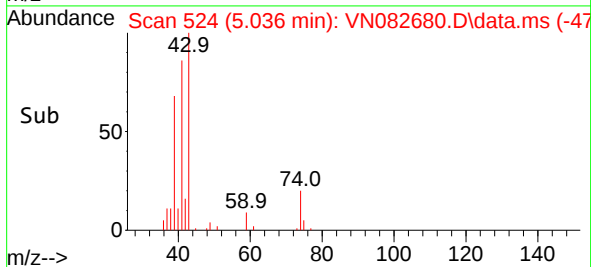
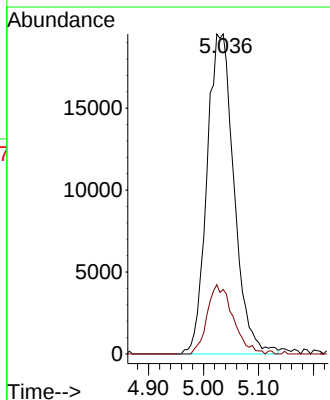
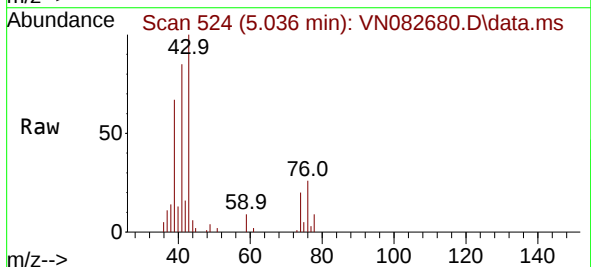
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#18
Methyl Acetate
Concen: 24.975 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

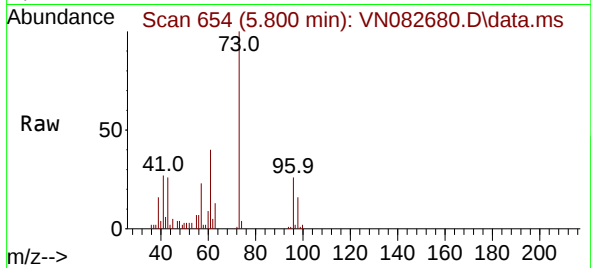
Tgt Ion: 43 Resp: 66772
Ion Ratio Lower Upper
43 100
74 20.6 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 21.609 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

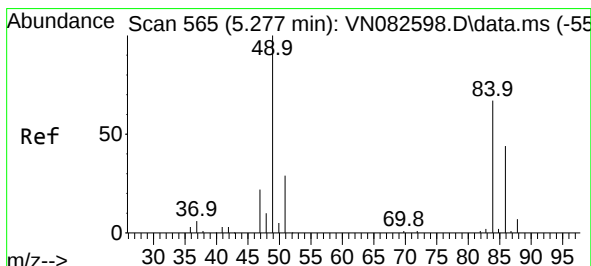
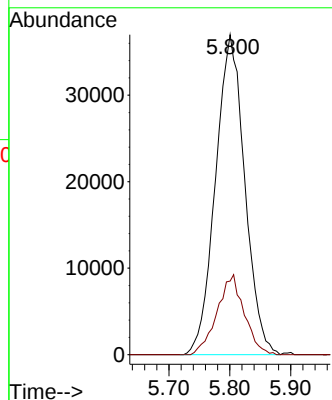
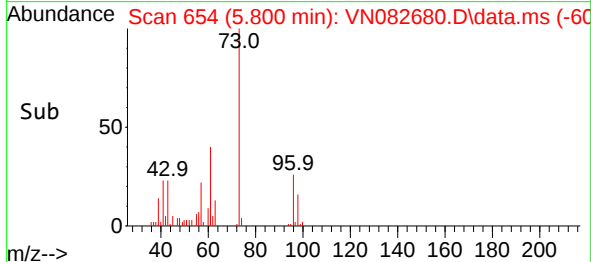
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 73 Resp: 12344
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9

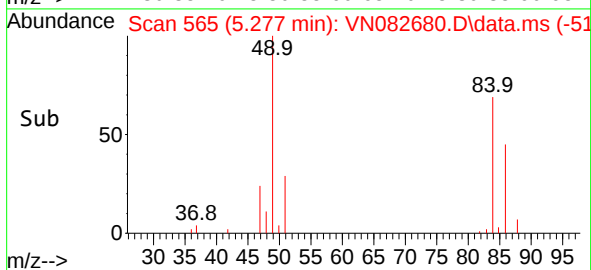
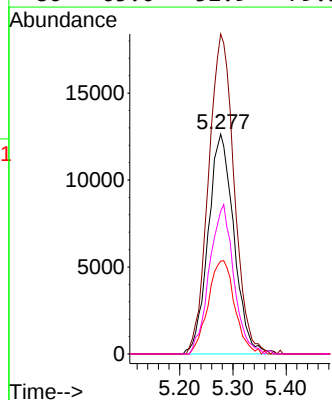
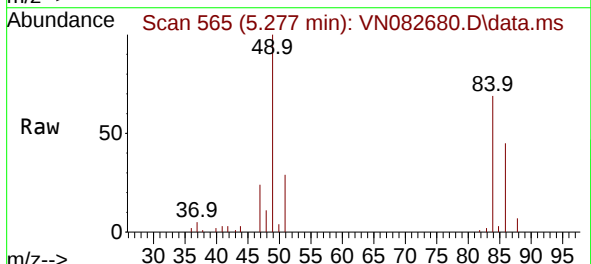
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#20
Methylene Chloride
Concen: 22.054 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

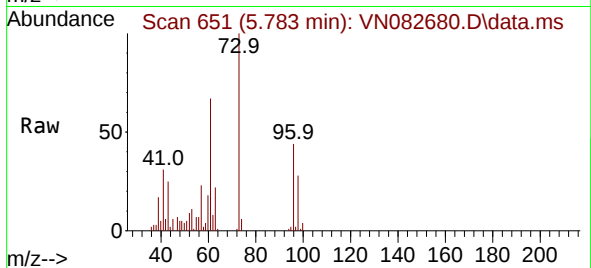
Tgt Ion: 84 Resp: 42384
Ion Ratio Lower Upper
84 100
49 145.6 119.6 179.4
51 42.2 34.8 52.2
86 65.0 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 20.122 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

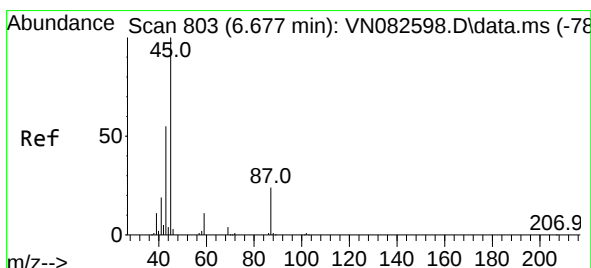
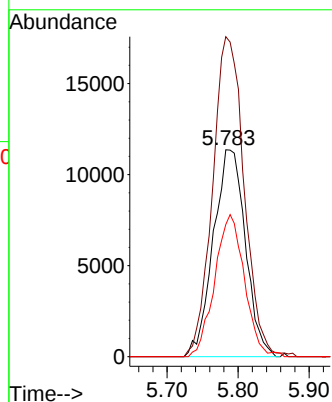
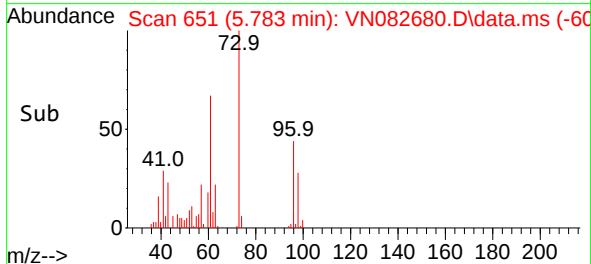
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 96 Resp: 35688
Ion Ratio Lower Upper
96 100
61 154.7 123.4 185.2
98 63.9 49.3 73.9

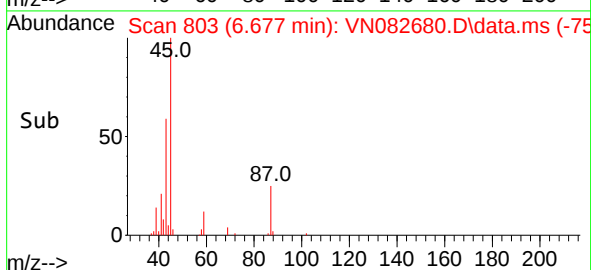
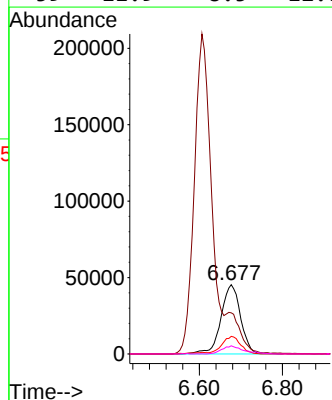
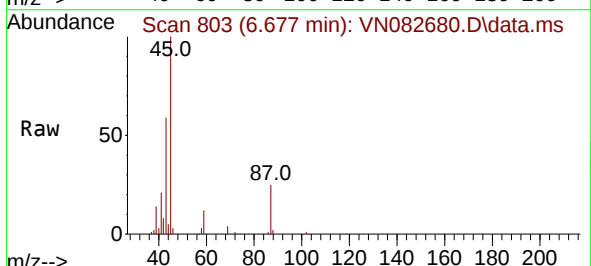
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#22
Diisopropyl ether
Concen: 21.708 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

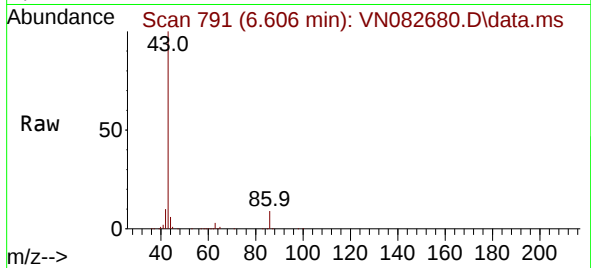
Tgt Ion: 45 Resp: 148586
Ion Ratio Lower Upper
45 100
43 58.0 44.0 66.0
87 25.3 19.7 29.5
59 11.9 8.5 12.7





#23
 Vinyl Acetate
 Concen: 108.819 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082680.D
 Acq: 21 Jun 2024 16:08

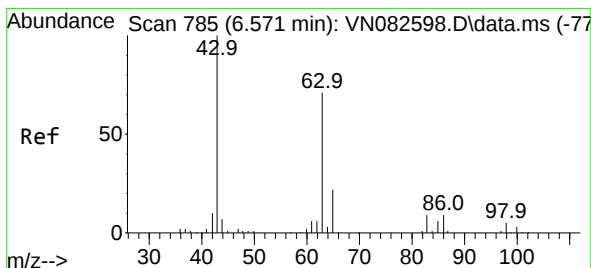
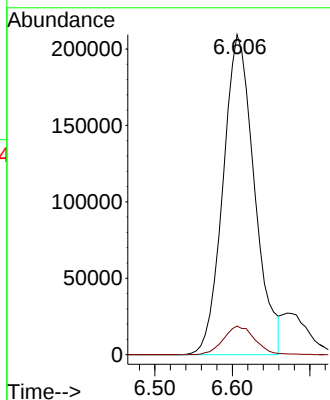
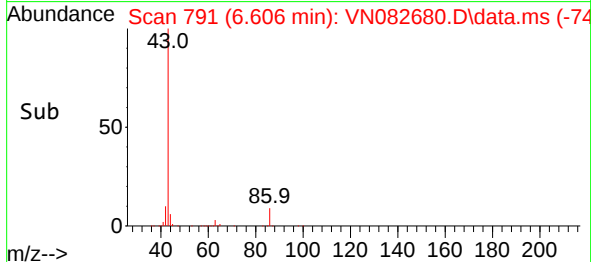
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01



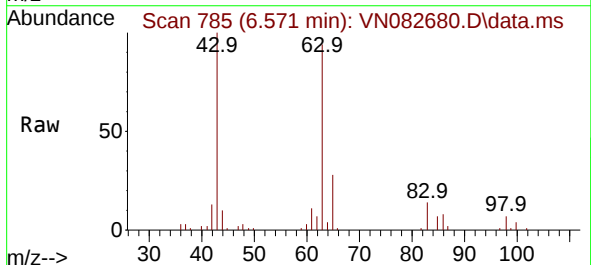
Tgt Ion: 43 Resp: 59064
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.3 10.9

Manual Integrations
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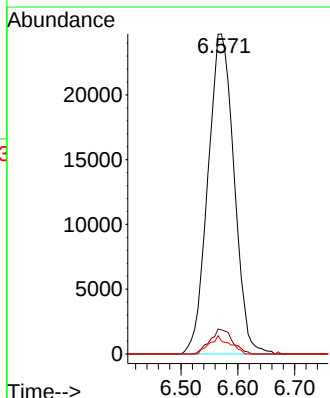
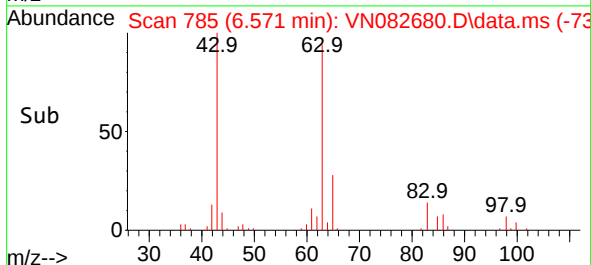
Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024

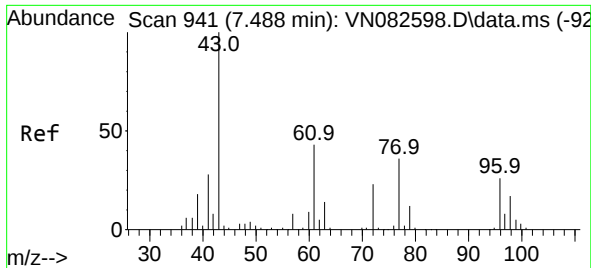


#24
 1,1-Dichloroethane
 Concen: 21.302 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN082680.D
 Acq: 21 Jun 2024 16:08



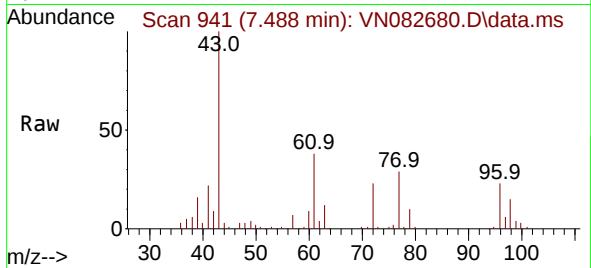
Tgt Ion: 63 Resp: 78986
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.0 2.0 6.0





#25
2-Butanone
Concen: 115.451 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

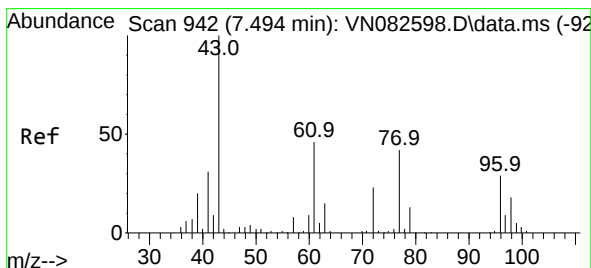
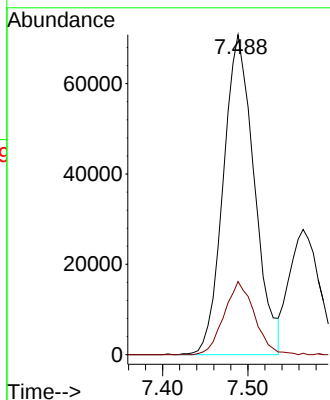
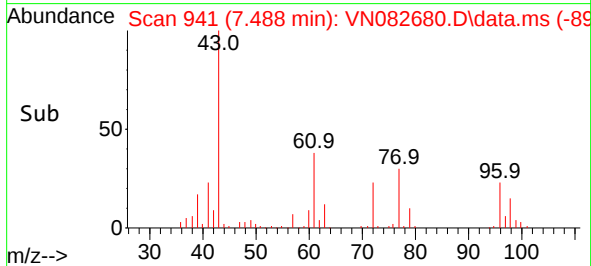
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



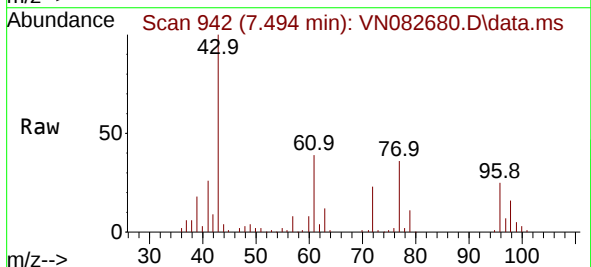
Tgt Ion: 43 Resp: 179379
Ion Ratio Lower Upper
43 100
72 22.9 18.2 27.2

Manual Integrations
APPROVED

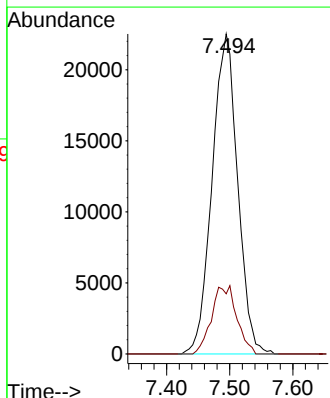
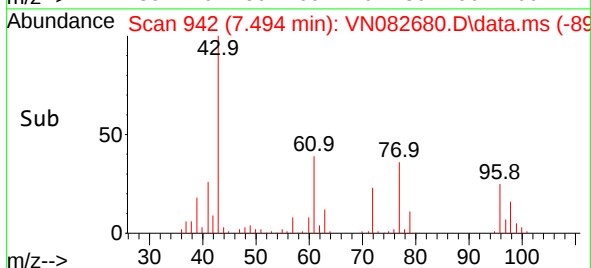
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

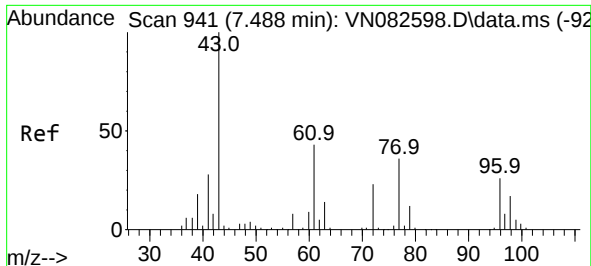


#26
2,2-Dichloropropane
Concen: 19.639 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



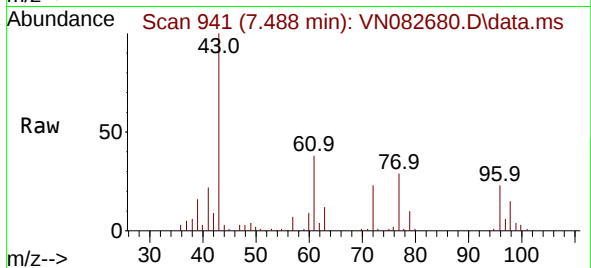
Tgt Ion: 77 Resp: 63170
Ion Ratio Lower Upper
77 100
97 21.0 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.403 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082680.D
 Acq: 21 Jun 2024 16:08

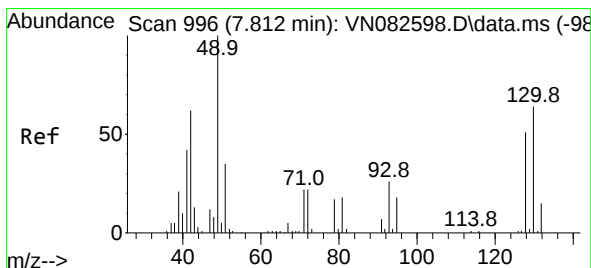
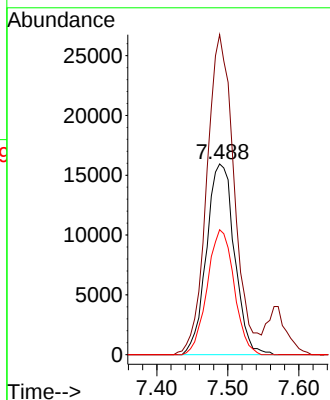
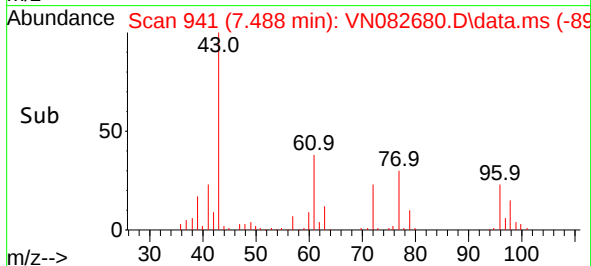
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01



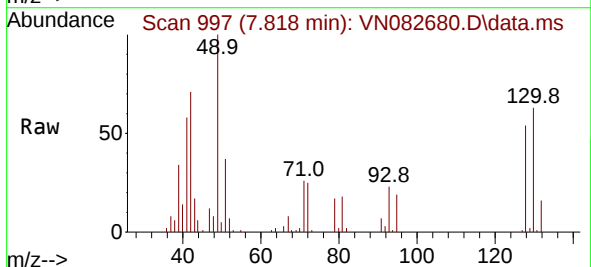
Tgt Ion: 96 Resp: 4360
 Ion Ratio Lower Upper
 96 100
 61 164.8 0.0 329.6
 98 62.8 0.0 128.6

Manual Integrations
 APPROVED

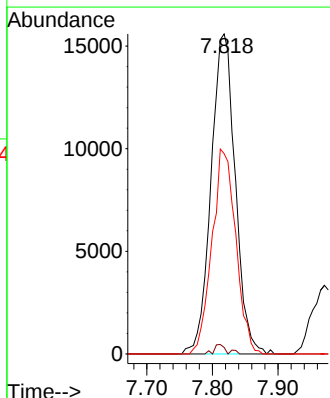
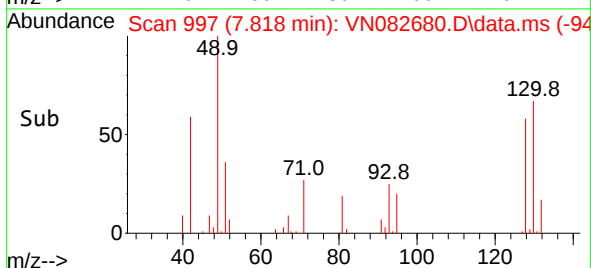
Reviewed By :John Carlone 06/24/2024
 Supervised By :Mahesh Dadoda 06/24/2024

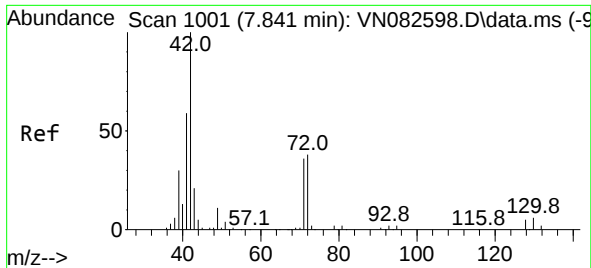


#28
 Bromochloromethane
 Concen: 23.610 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN082680.D
 Acq: 21 Jun 2024 16:08



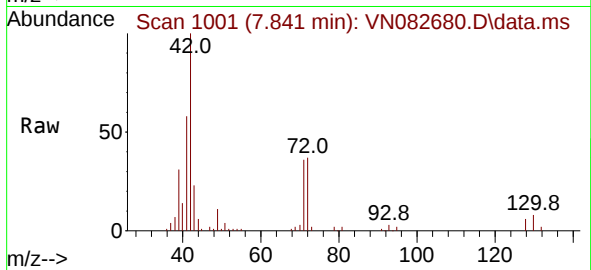
Tgt Ion: 49 Resp: 39951
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 62.9 50.5 75.7





#29
Tetrahydrofuran
Concen: 121.781 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

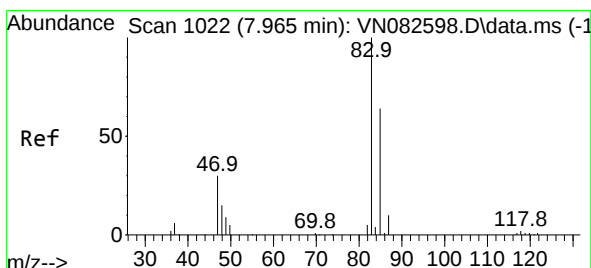
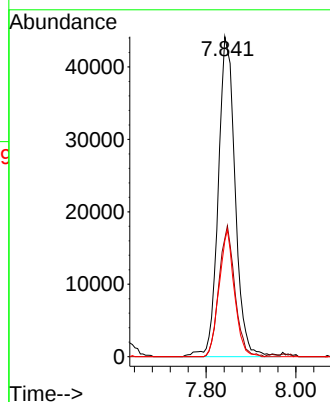
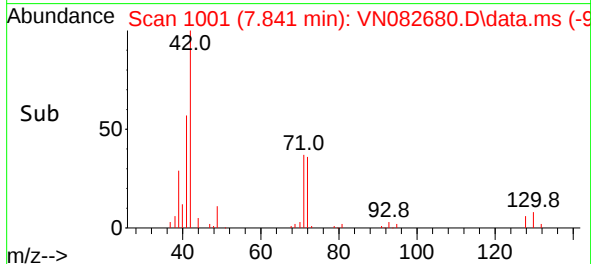
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



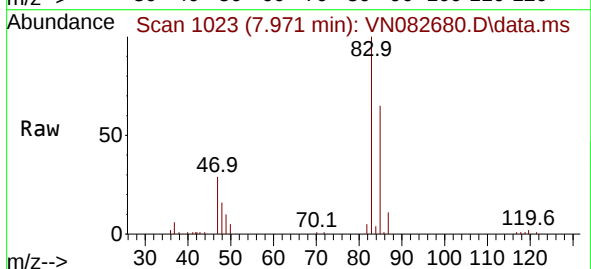
Tgt Ion: 42 Resp: 115832
Ion Ratio Lower Upper
42 100
72 38.3 30.0 45.0
71 35.8 28.3 42.5

Manual Integrations
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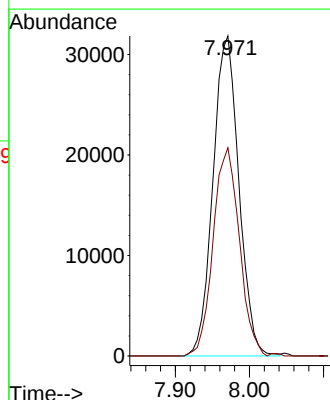
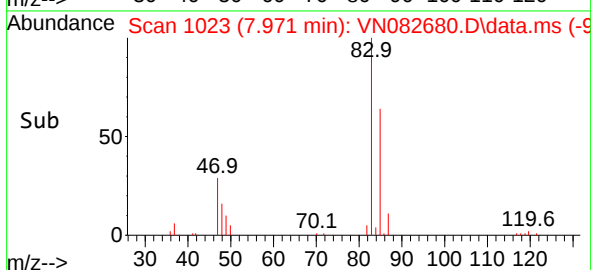
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

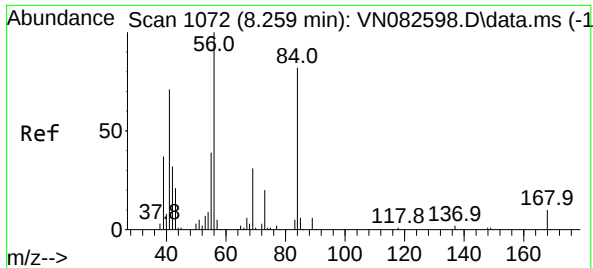


#30
Chloroform
Concen: 21.378 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



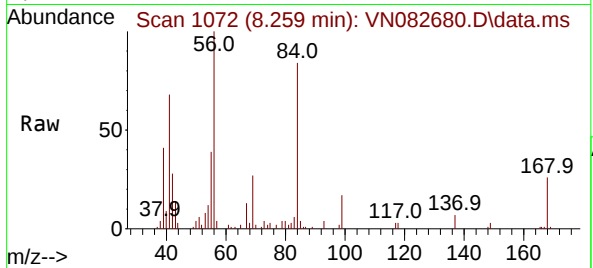
Tgt Ion: 83 Resp: 77322
Ion Ratio Lower Upper
83 100
85 65.0 50.9 76.3





#31
Cyclohexane
Concen: 18.800 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

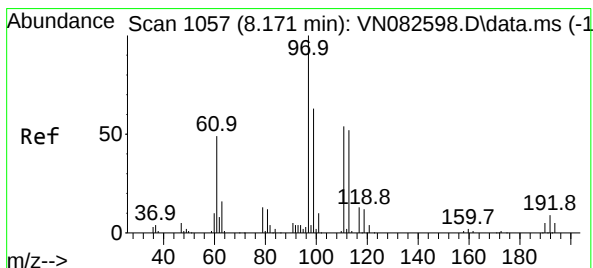
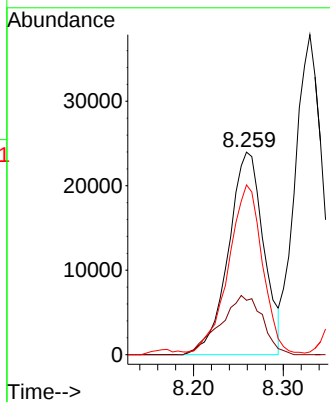
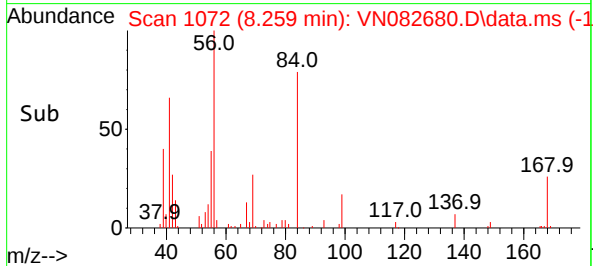
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



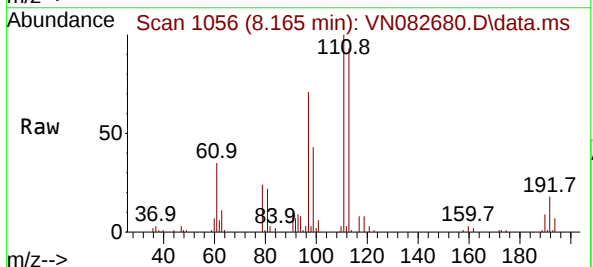
Tgt Ion: 56 Resp: 65214
Ion Ratio Lower Upper
56 100
69 26.9 24.5 36.7
84 82.0 66.0 99.0

Manual Integrations
APPROVED

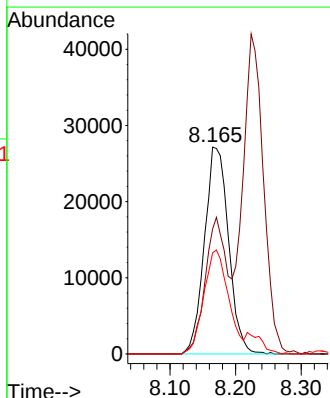
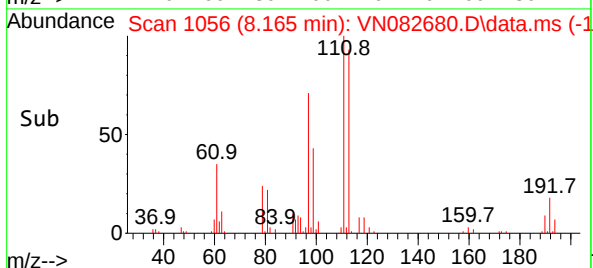
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

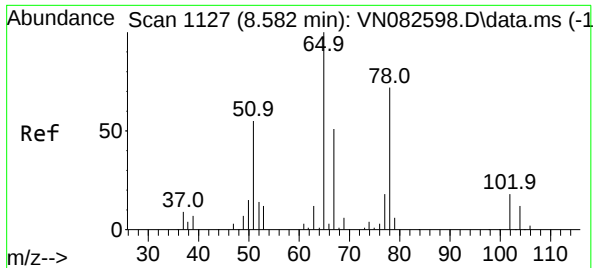


#32
1,1,1-Trichloroethane
Concen: 21.154 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



Tgt Ion: 97 Resp: 69382
Ion Ratio Lower Upper
97 100
99 60.5 52.0 78.0
61 51.6 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 55.110 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082680.D

Acq: 21 Jun 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

Tgt Ion: 65 Resp: 13246

Ion Ratio Lower Upper

65 100

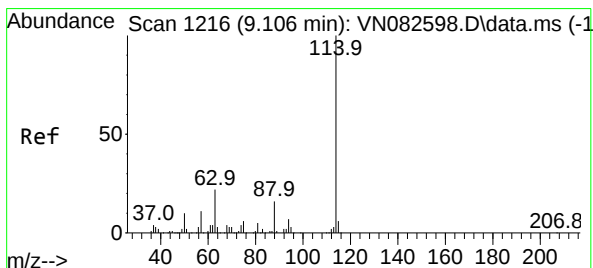
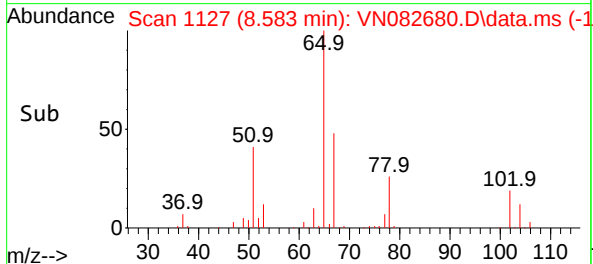
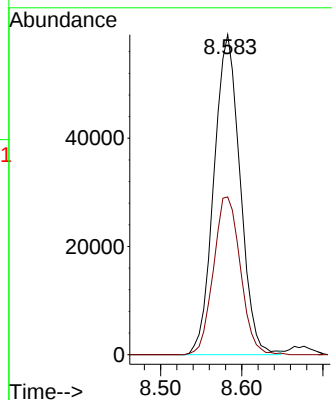
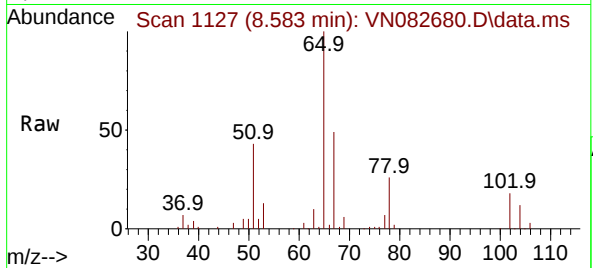
67 50.7 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082680.D

Acq: 21 Jun 2024 16:08

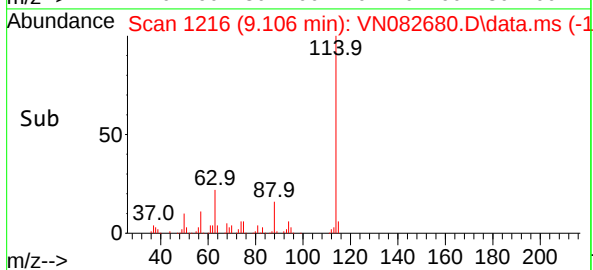
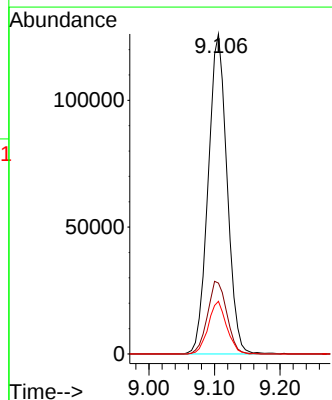
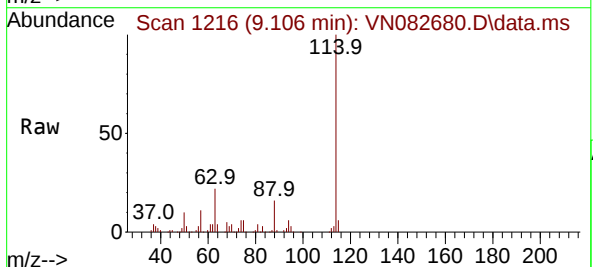
Tgt Ion:114 Resp: 252256

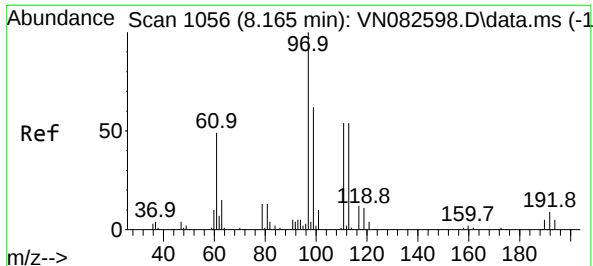
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

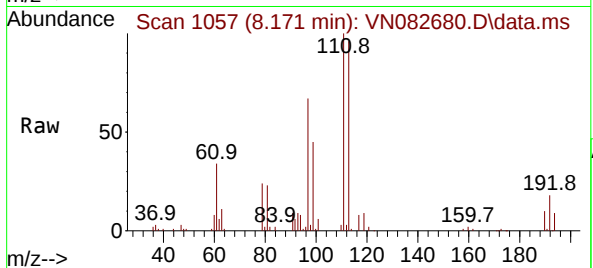
88 16.4 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.931 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

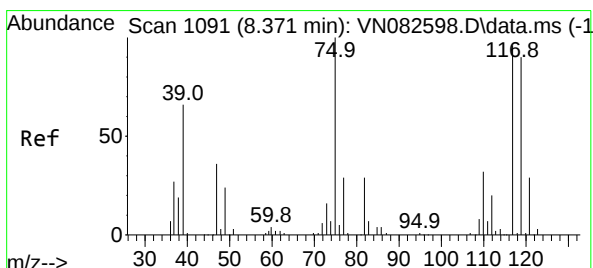
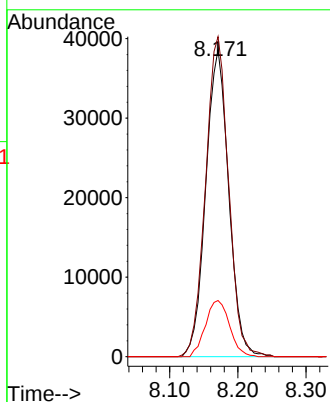
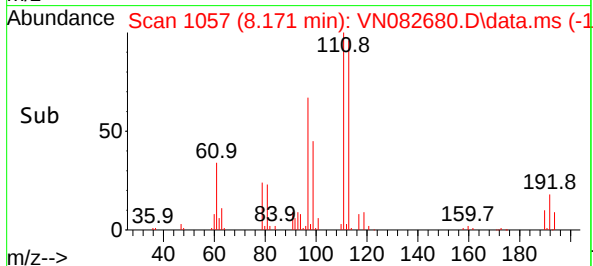
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



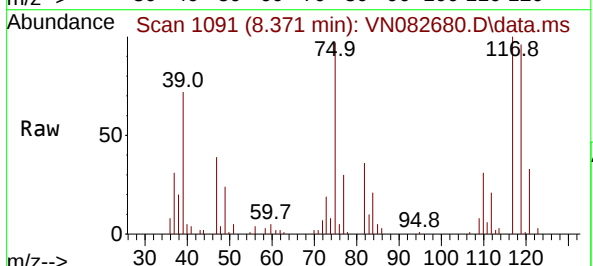
Tgt Ion:113 Resp: 90580
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 19.2 14.9 22.3

Manual Integrations
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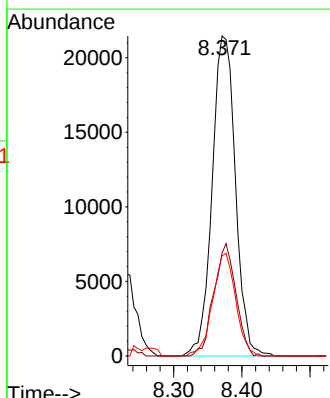
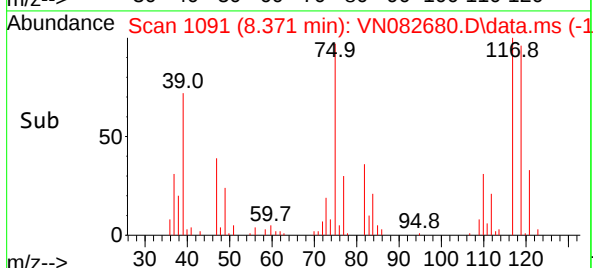
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#36
1,1-Dichloropropene
Concen: 19.979 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



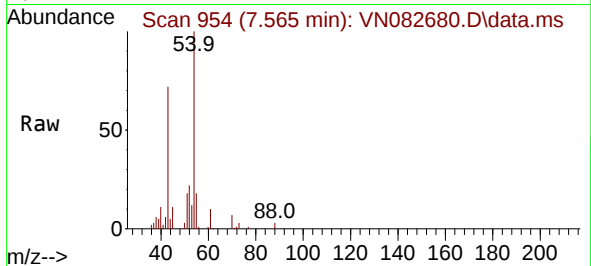
Tgt Ion: 75 Resp: 51110
Ion Ratio Lower Upper
75 100
110 33.2 16.3 48.9
77 31.6 24.6 37.0





#37
Ethyl Acetate
Concen: 21.297 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

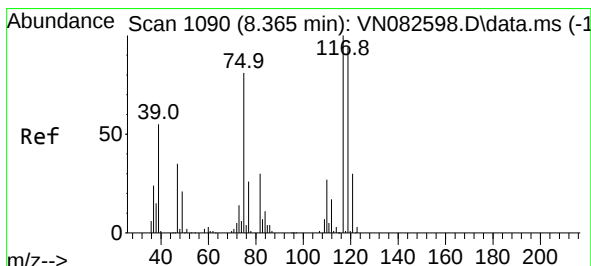
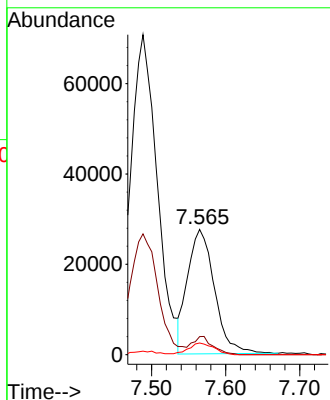
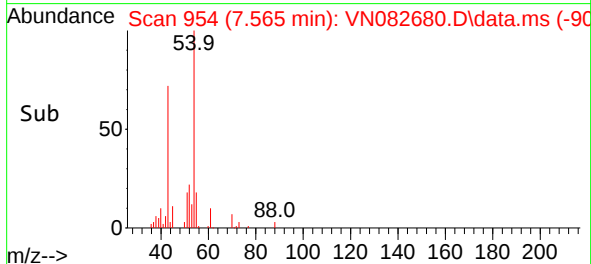
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 43 Resp: 69400
Ion Ratio Lower Upper
43 100
61 10.8 9.3 13.9
70 8.7 7.0 10.6

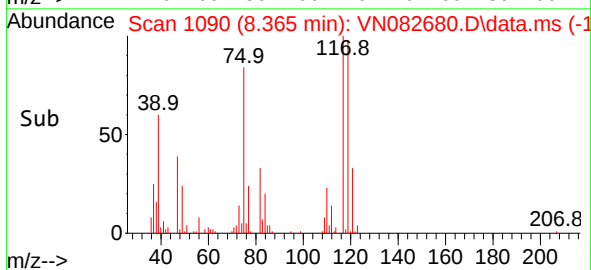
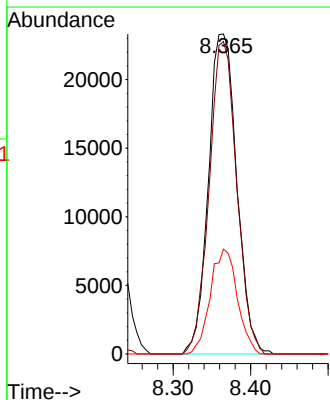
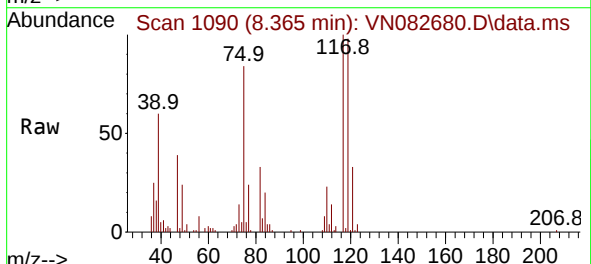
Manual Integrations
APPROVED

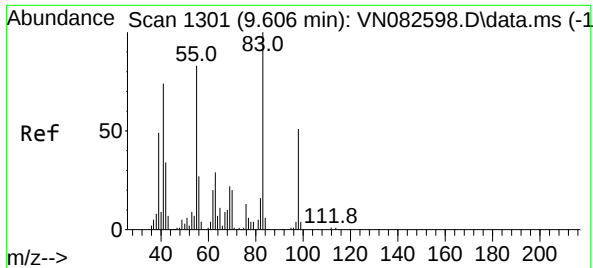
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#38
Carbon Tetrachloride
Concen: 20.522 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

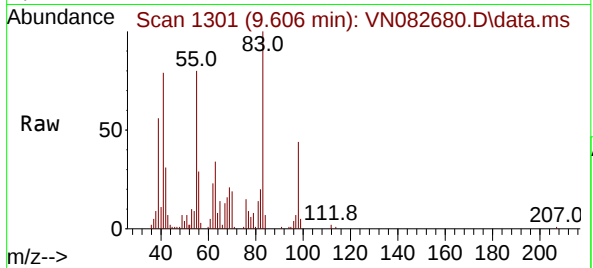
Tgt Ion:117 Resp: 59163
Ion Ratio Lower Upper
117 100
119 97.6 74.9 112.3
121 32.7 24.3 36.5





#39
Methylcyclohexane
Concen: 19.095 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

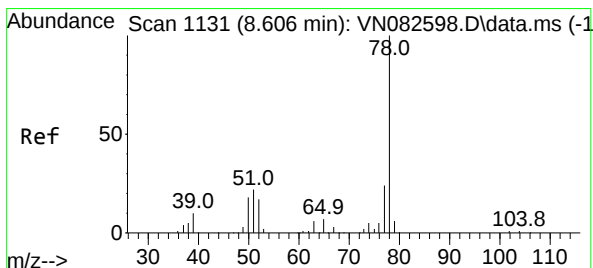
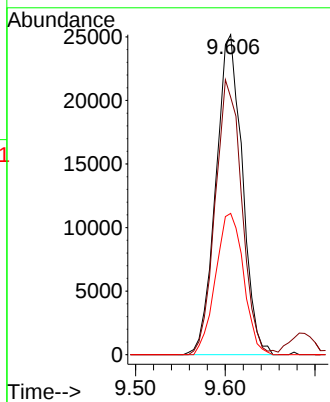
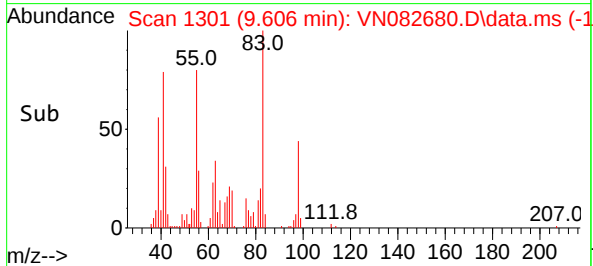
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 83 Resp: 51408
Ion Ratio Lower Upper
83 100
55 80.5 66.4 99.6
98 44.1 40.7 61.1

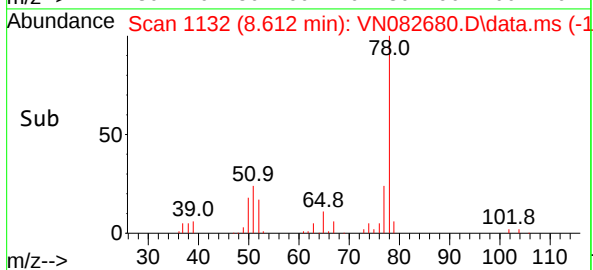
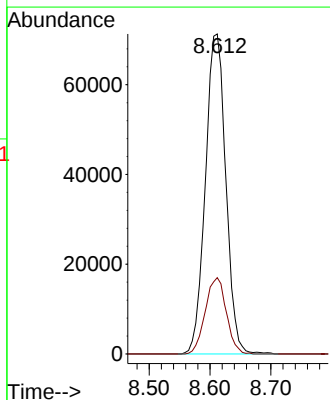
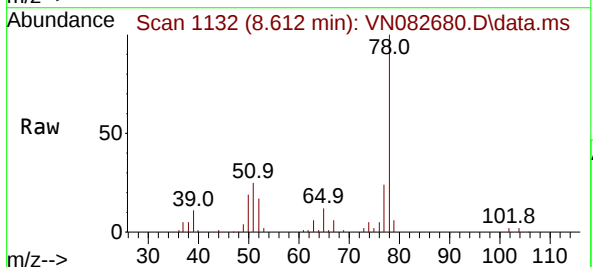
Manual Integrations
APPROVED

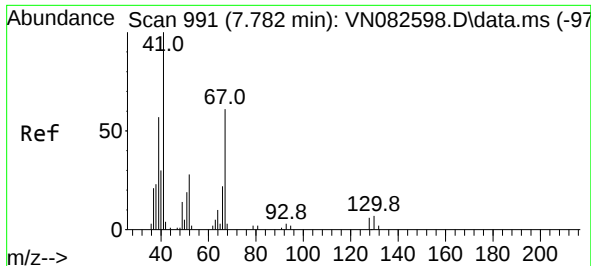
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#40
Benzene
Concen: 21.033 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion: 78 Resp: 166252
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 23.098 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :

MSVOA_N

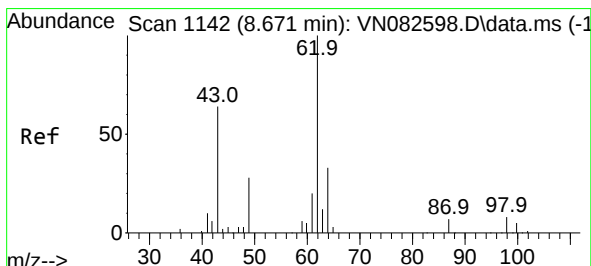
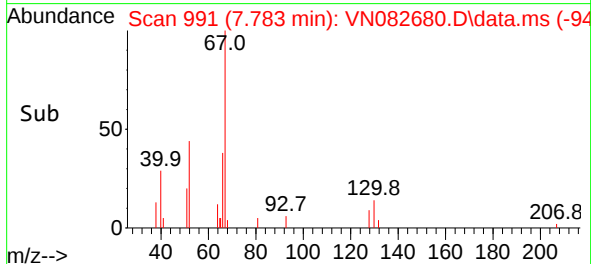
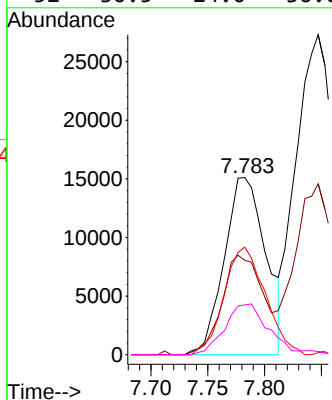
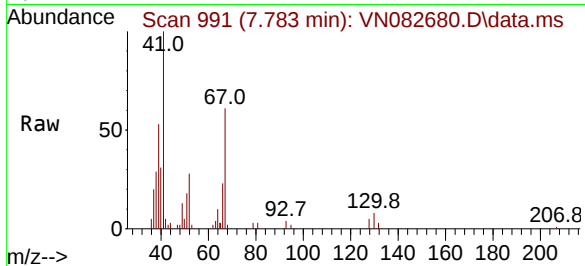
ClientSampleId :

VN0621WBSD01

Tgt Ion: 41 Resp: 38474
Ion Ratio Lower Upper
41 100
39 54.1 45.5 68.3
67 60.3 50.5 75.7
52 30.5 24.0 36.0

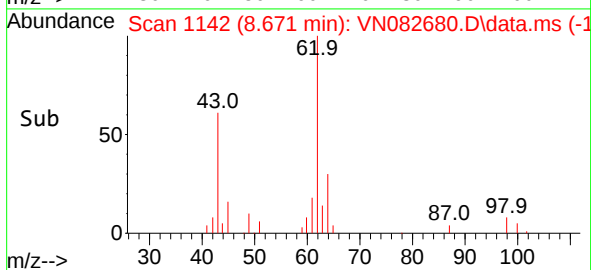
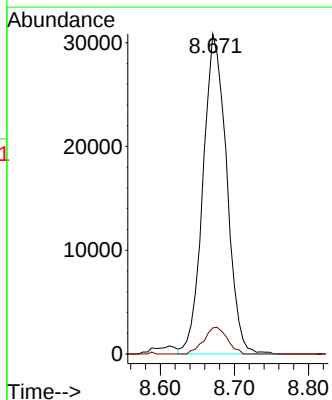
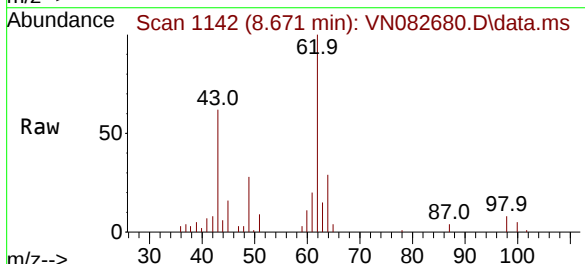
Manual Integrations
APPROVED

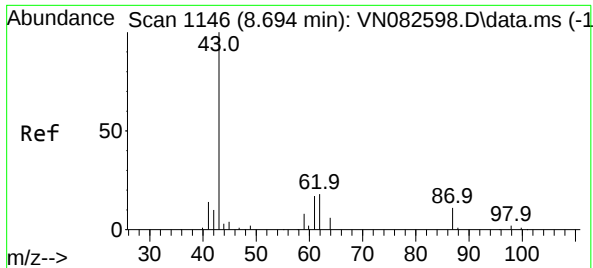
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#42
1,2-Dichloroethane
Concen: 22.747 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion: 62 Resp: 68392
Ion Ratio Lower Upper
62 100
98 8.2 0.0 15.8





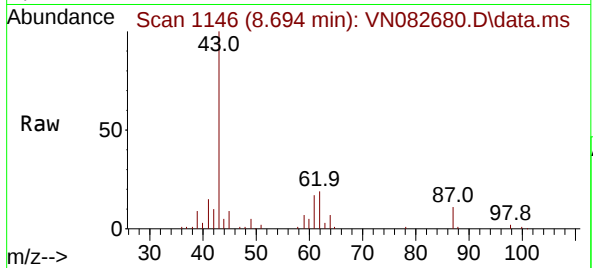
#43
Isopropyl Acetate
Concen: 22.910 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01



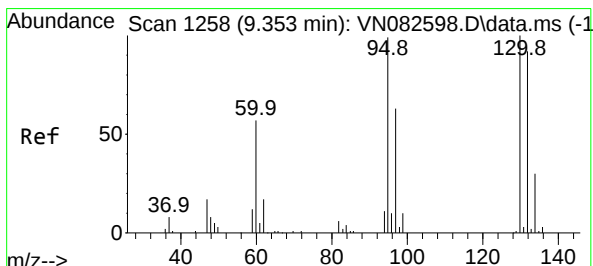
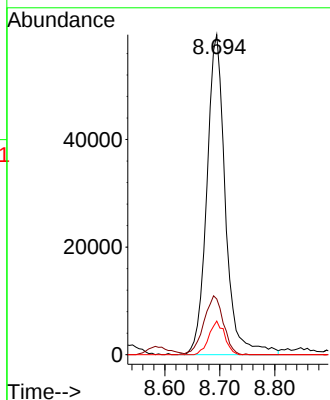
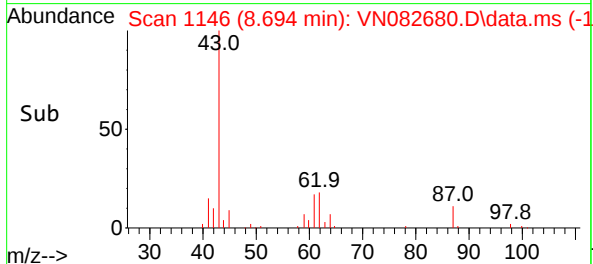
Tgt Ion: 43 Resp: 139520
Ion Ratio Lower Upper
43 100
61 19.3 17.8 26.6
87 8.9 8.2 12.2

Manual Integrations

APPROVED

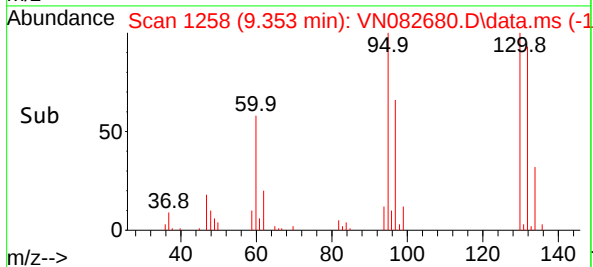
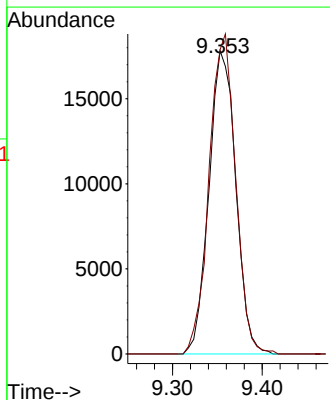
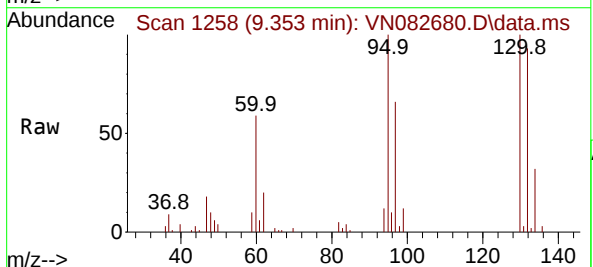
Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#44
Trichloroethene
Concen: 20.173 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

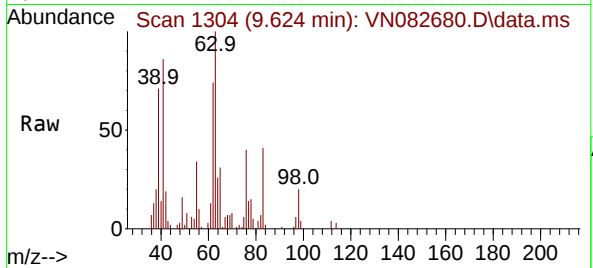
Tgt Ion:130 Resp: 37027
Ion Ratio Lower Upper
130 100
95 100.4 0.0 197.8





#45
1,2-Dichloropropane
Concen: 21.667 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

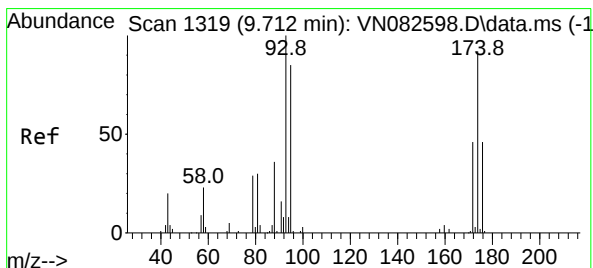
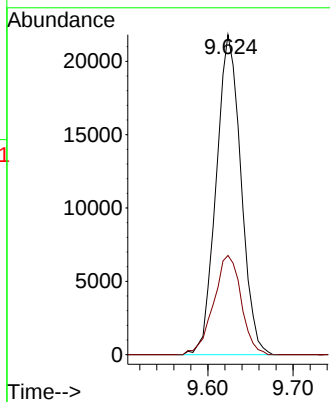
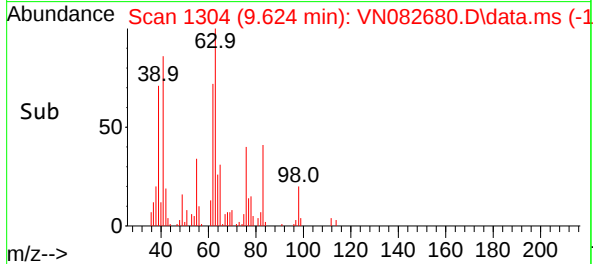
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 63 Resp: 44084
Ion Ratio Lower Upper
63 100
65 31.0 24.4 36.6

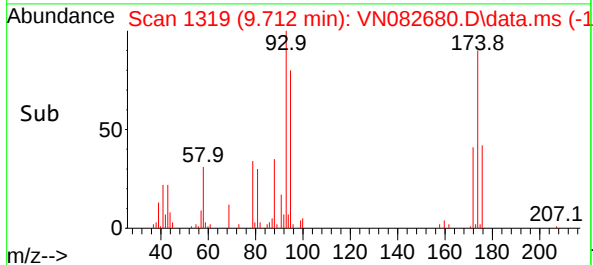
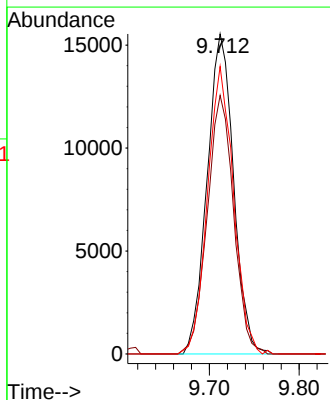
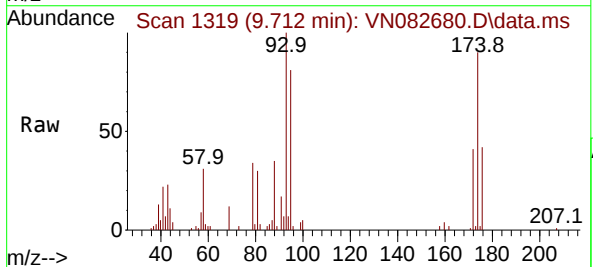
Manual Integrations
APPROVED

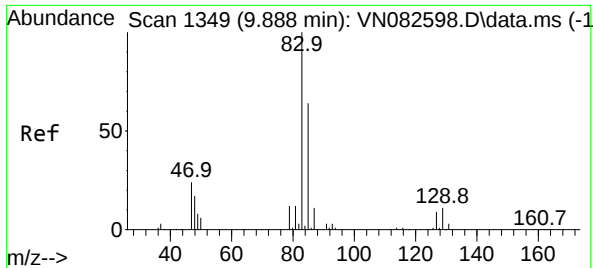
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#46
Dibromomethane
Concen: 23.068 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

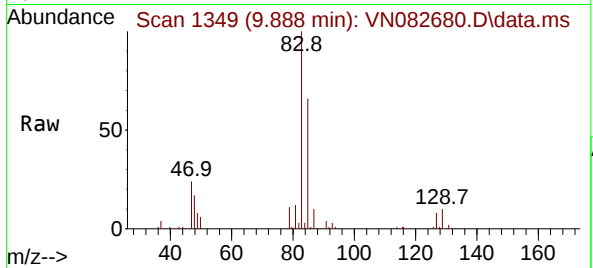
Tgt Ion: 93 Resp: 31815
Ion Ratio Lower Upper
93 100
95 80.5 65.8 98.6
174 88.2 71.7 107.5





#47
Bromodichloromethane
Concen: 22.064 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

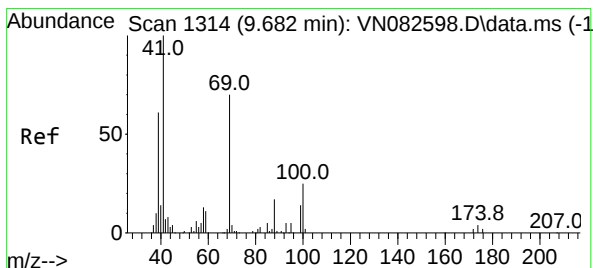
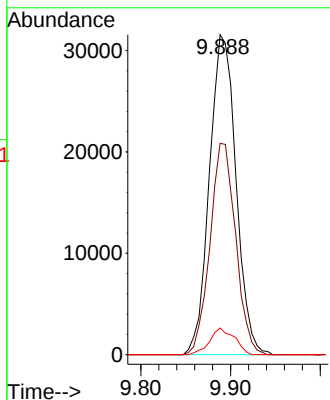
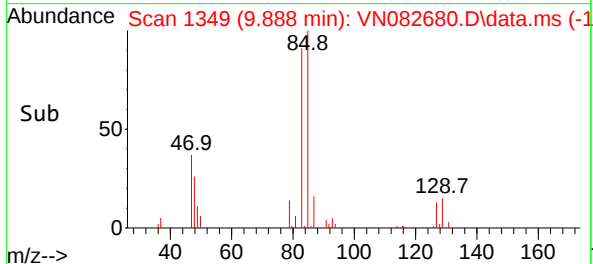
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



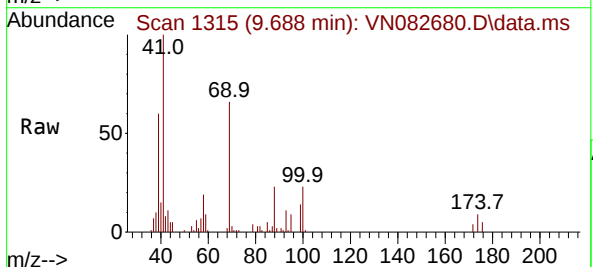
Tgt Ion: 83 Resp: 64879
Ion Ratio Lower Upper
83 100
85 66.0 51.1 76.7
127 8.4 7.2 10.8

Manual Integrations
APPROVED

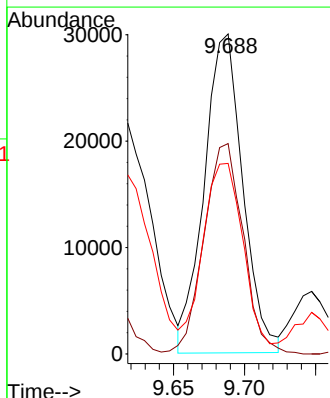
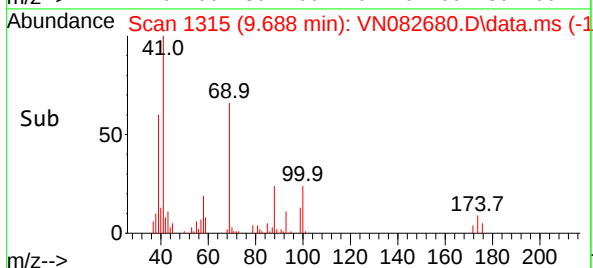
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

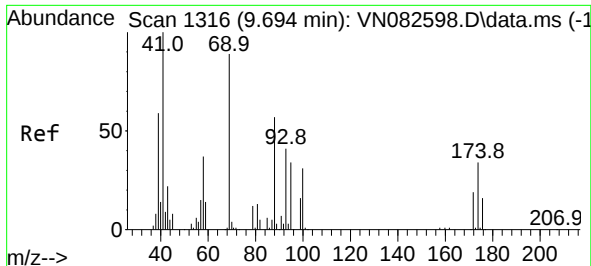


#48
Methyl methacrylate
Concen: 22.579 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



Tgt Ion: 41 Resp: 56685
Ion Ratio Lower Upper
41 100
69 67.1 56.3 84.5
39 63.3 50.3 75.5





#49

1,4-Dioxane

Concen: 476.588 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN082680.D

Acq: 21 Jun 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

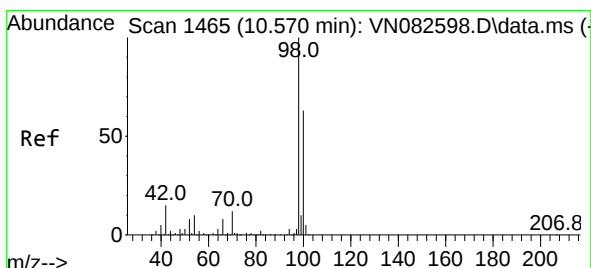
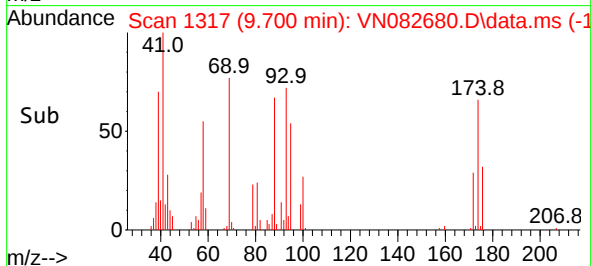
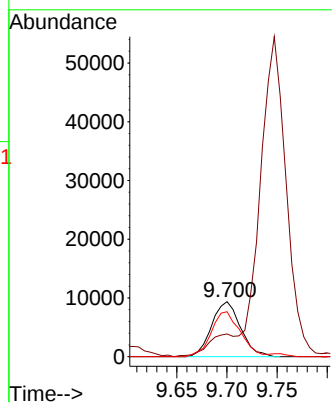
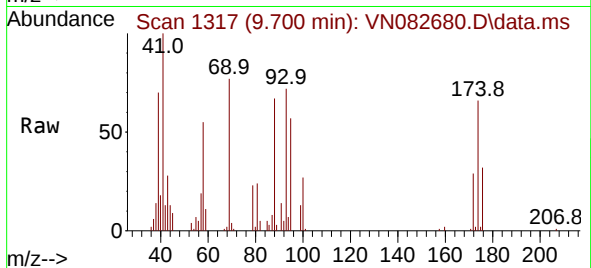
Tgt Ion:	88	Resp:	18715
Ion Ratio	Lower	Upper	
88	100		
43	37.0	27.8	41.8
58	83.1	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#50

Toluene-d8

Concen: 52.997 ug/l

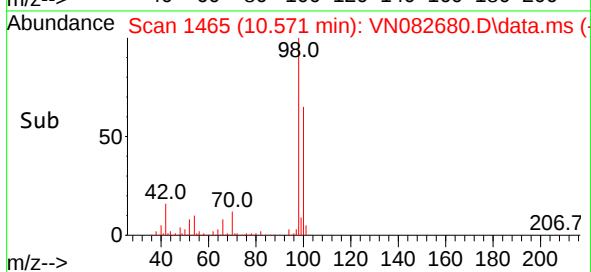
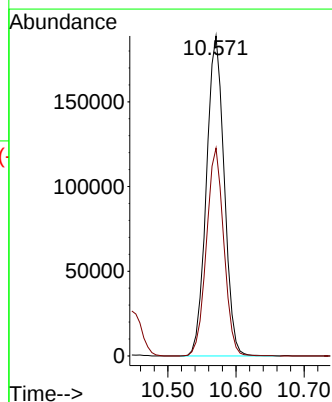
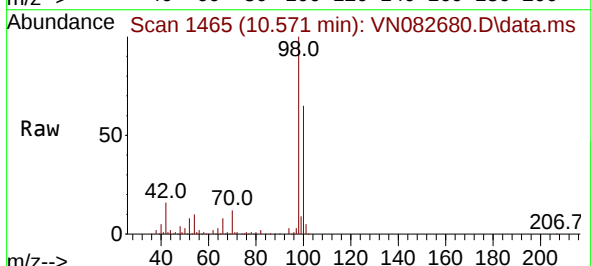
RT: 10.571 min Scan# 1465

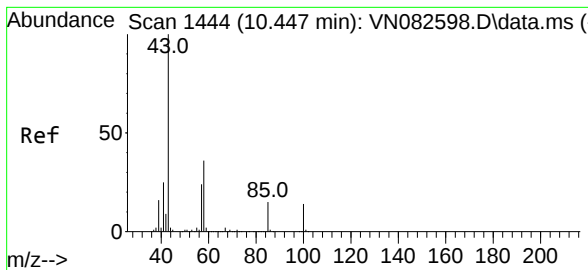
Delta R.T. 0.000 min

Lab File: VN082680.D

Acq: 21 Jun 2024 16:08

Tgt Ion:	98	Resp:	342964
Ion Ratio	Lower	Upper	
98	100		
100	63.5	51.5	77.3





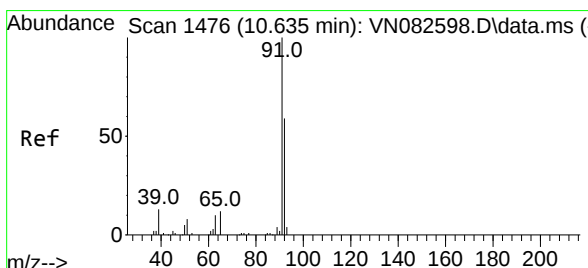
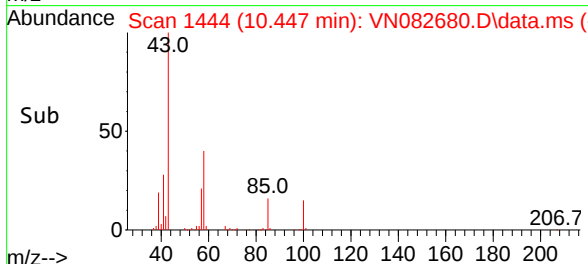
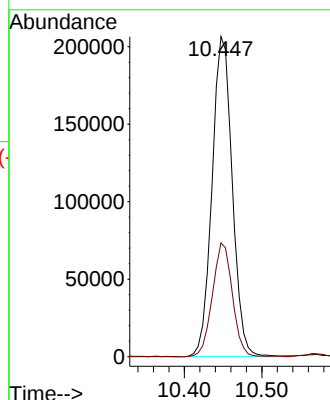
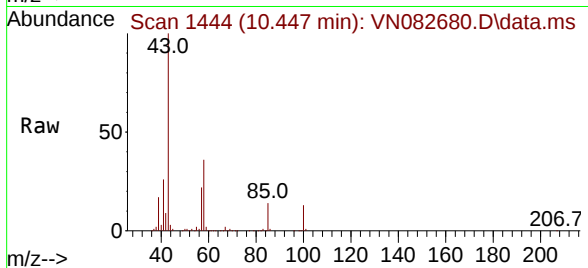
#51
4-Methyl-2-Pentanone
Concen: 119.964 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 43 Resp: 374710
Ion Ratio Lower Upper
43 100
58 35.1 28.2 42.4

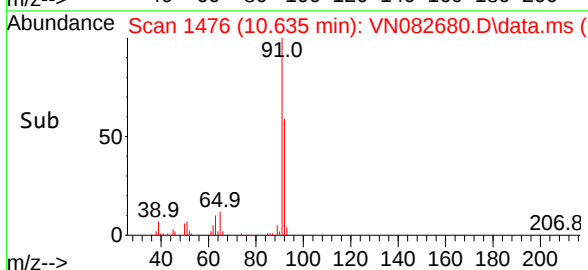
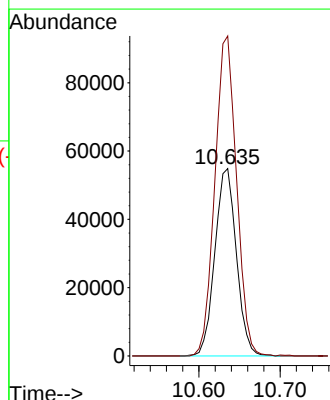
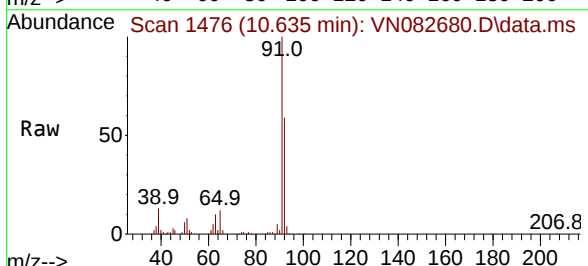
Manual Integrations
APPROVED

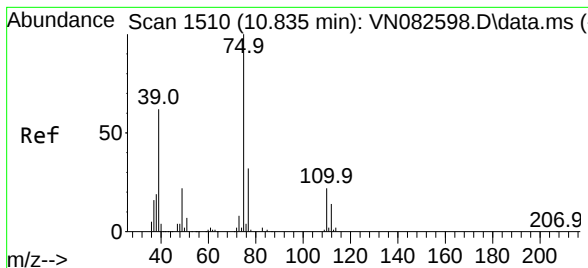
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#52
Toluene
Concen: 21.127 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

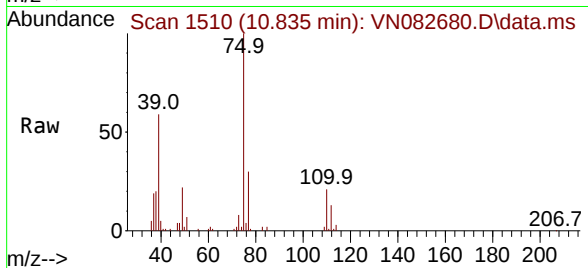
Tgt Ion: 92 Resp: 101207
Ion Ratio Lower Upper
92 100
91 171.8 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 21.350 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

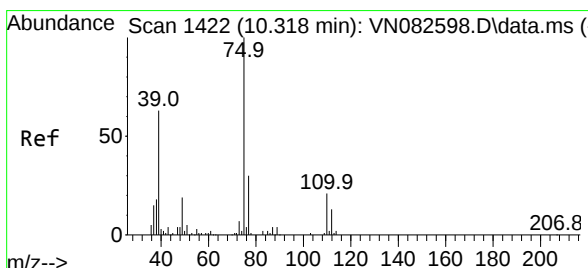
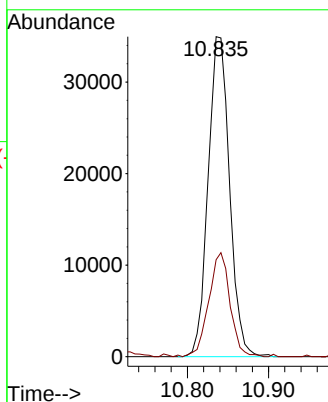
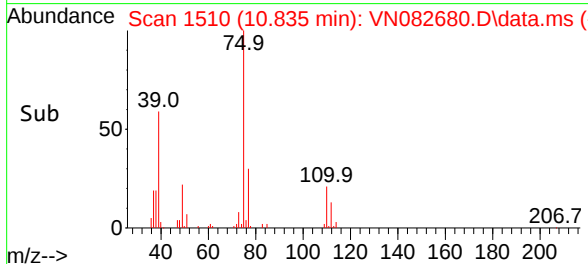
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



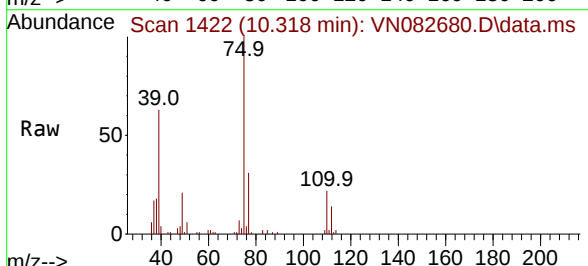
Tgt Ion: 75 Resp: 64170
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5

Manual Integrations
APPROVED

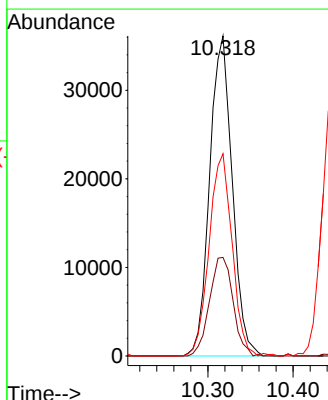
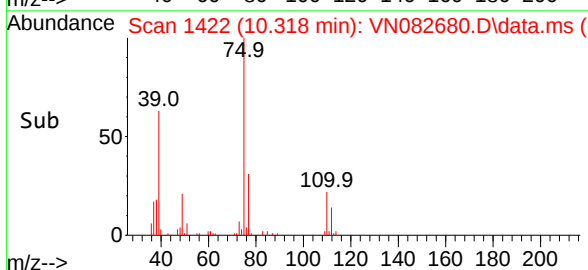
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

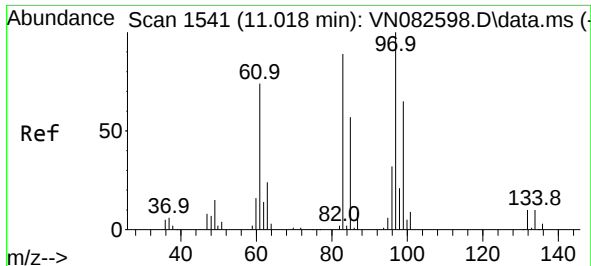


#54
cis-1,3-Dichloropropene
Concen: 21.370 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



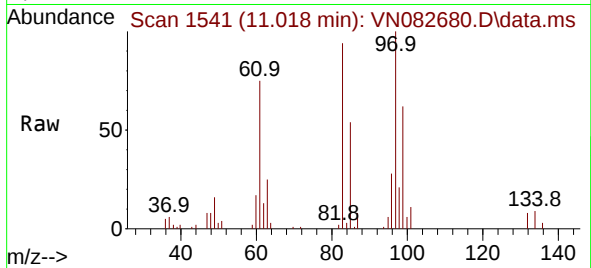
Tgt Ion: 75 Resp: 66428
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5
39 63.2 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 23.631 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

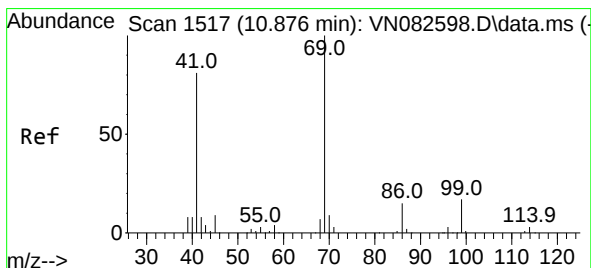
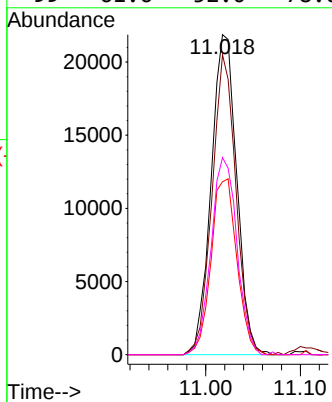
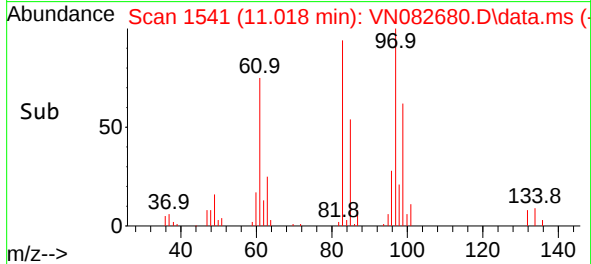
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



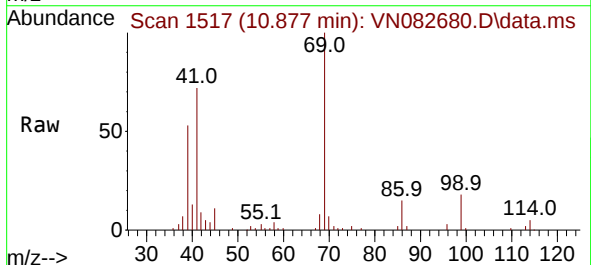
Tgt Ion: 97 Resp: 4097
Ion Ratio Lower Upper
97 100
83 93.7 71.4 107.0
85 54.1 45.8 68.6
99 61.6 52.0 78.0

Manual Integrations
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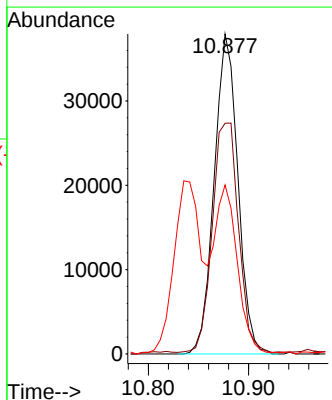
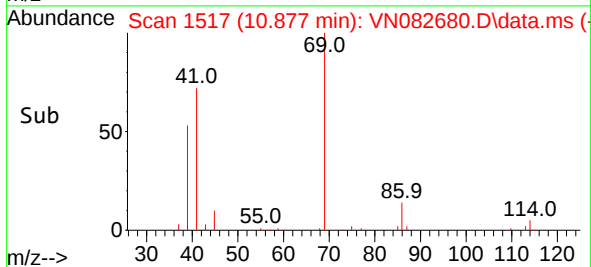
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

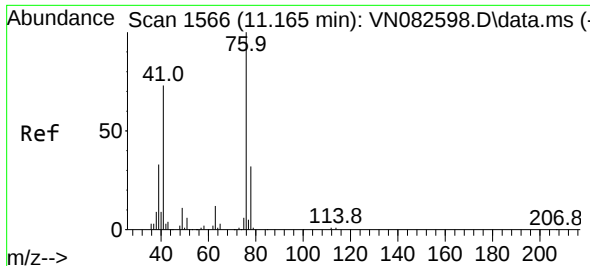


#56
Ethyl methacrylate
Concen: 21.661 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



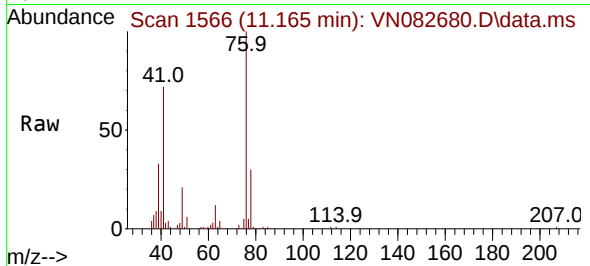
Tgt Ion: 69 Resp: 62204
Ion Ratio Lower Upper
69 100
41 79.1 63.4 95.2
39 50.1 37.4 56.0





#57
1,3-Dichloropropane
Concen: 22.917 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

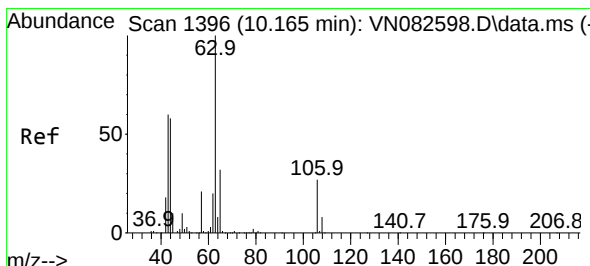
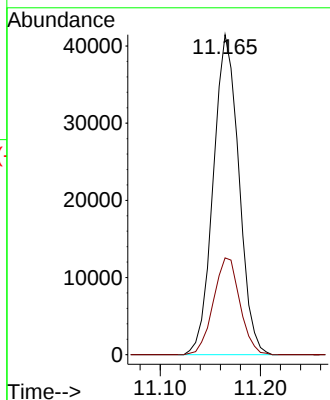
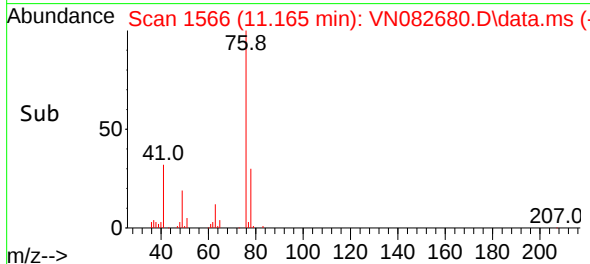
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



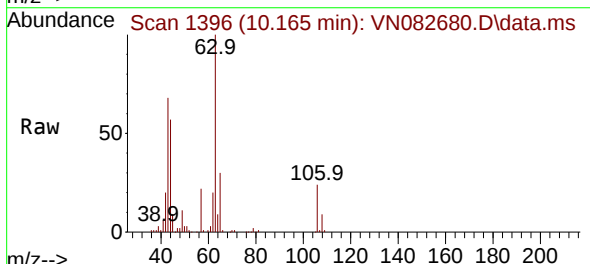
Tgt Ion: 76 Resp: 73450
Ion Ratio Lower Upper
76 100
78 31.3 25.6 38.4

Manual Integrations
APPROVED

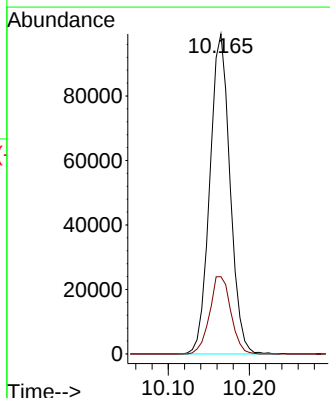
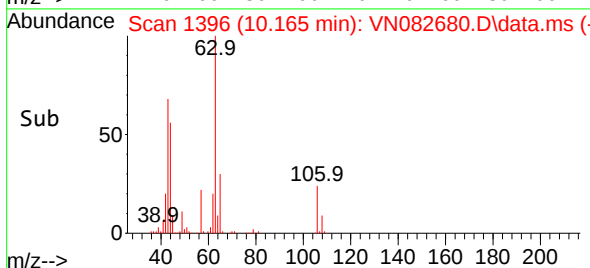
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

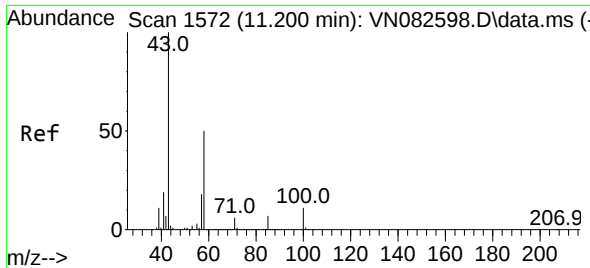


#58
2-Chloroethyl Vinyl ether
Concen: 112.746 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



Tgt Ion: 63 Resp: 171273
Ion Ratio Lower Upper
63 100
106 25.5 21.4 32.0





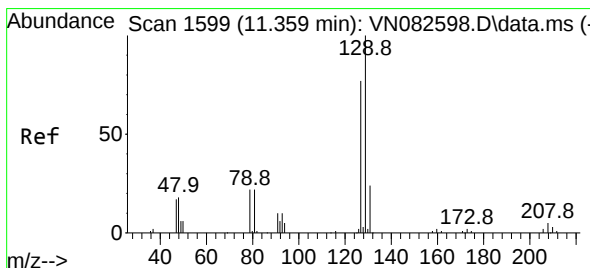
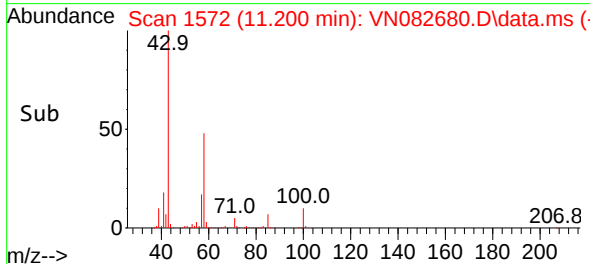
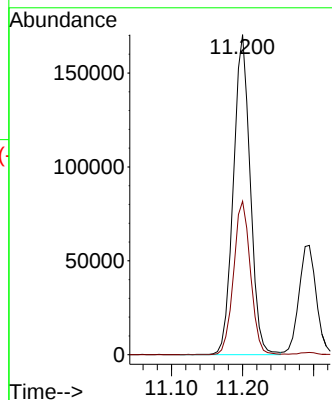
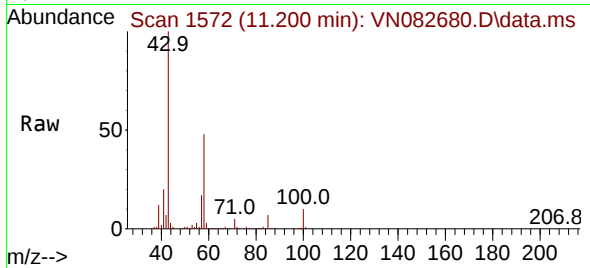
#59
2-Hexanone
Concen: 118.319 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 43 Resp: 28089
Ion Ratio Lower Upper
43 100
58 48.1 24.6 73.8

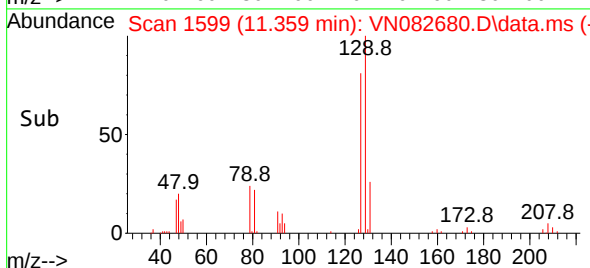
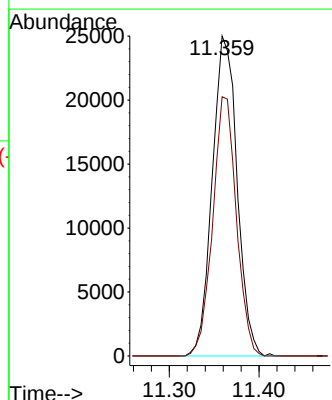
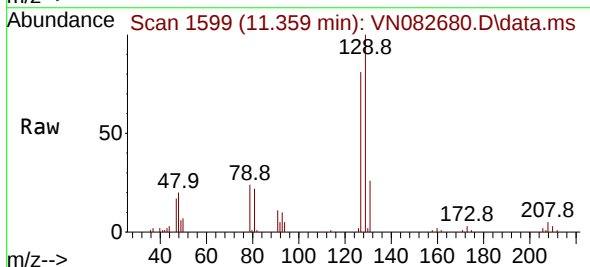
Manual Integrations
APPROVED

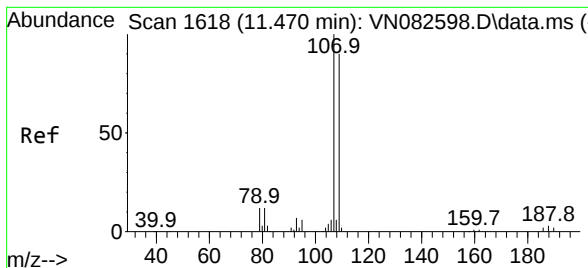
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#60
Dibromochloromethane
Concen: 22.727 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion:129 Resp: 48101
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





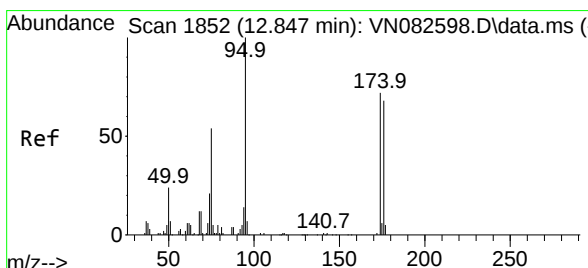
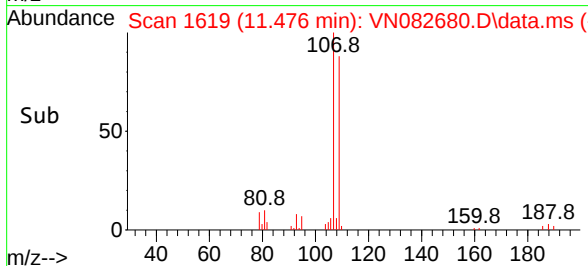
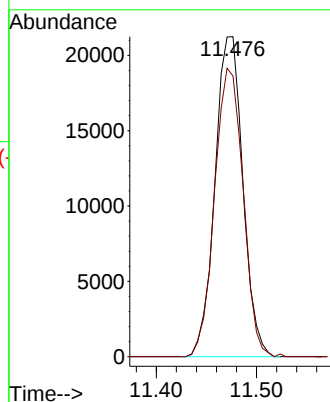
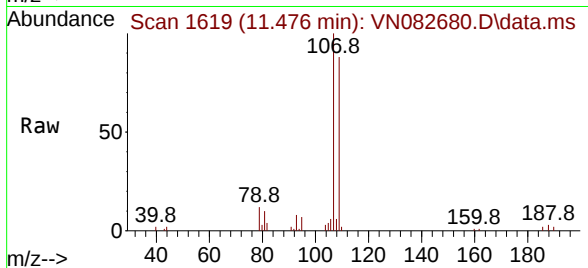
#61
1,2-Dibromoethane
Concen: 22.433 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:107 Resp: 41009
Ion Ratio Lower Upper
107 100
109 92.4 73.7 110.5

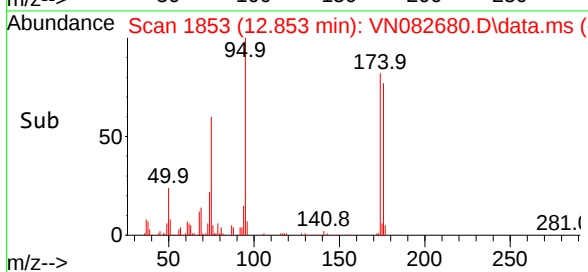
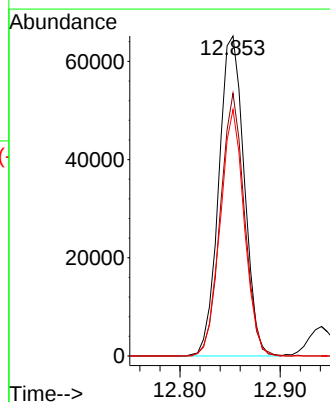
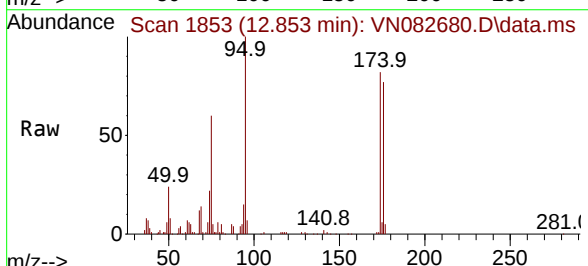
Manual Integrations
APPROVED

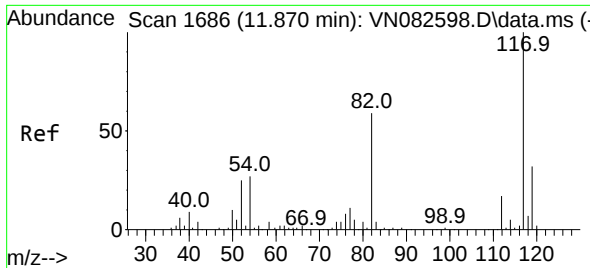
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#62
4-Bromofluorobenzene
Concen: 51.343 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion: 95 Resp: 114553
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.2
176 73.1 0.0 147.6





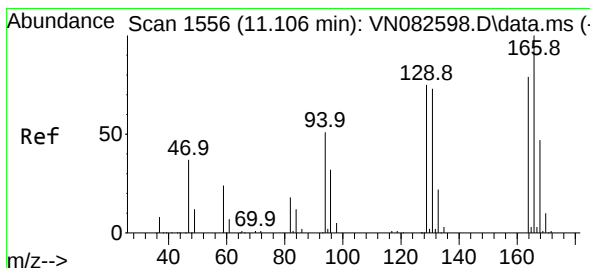
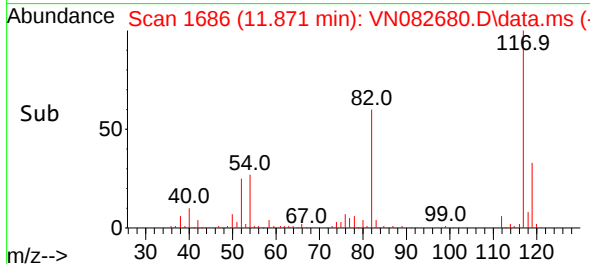
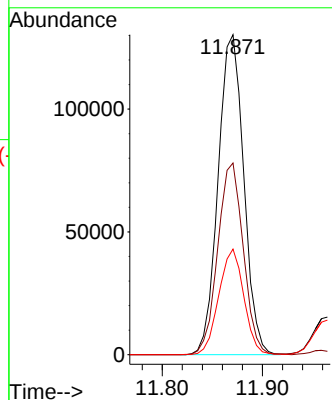
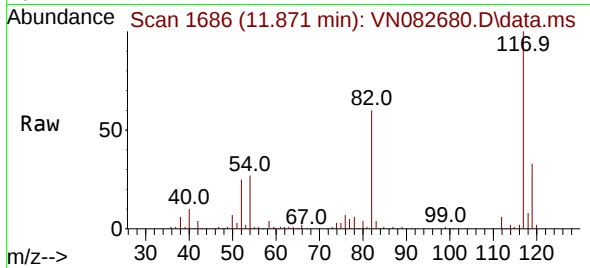
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:117 Resp: 23134
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 33.0 25.6 38.4

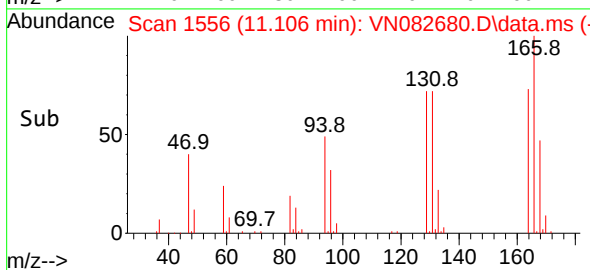
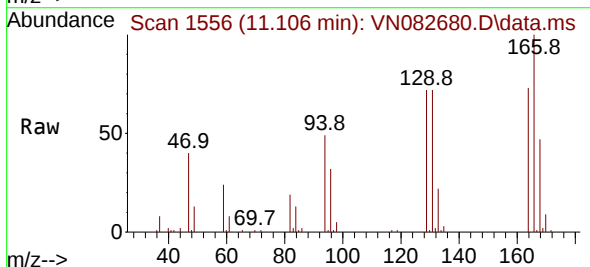
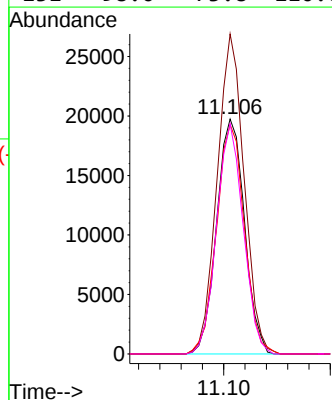
Manual Integrations
APPROVED

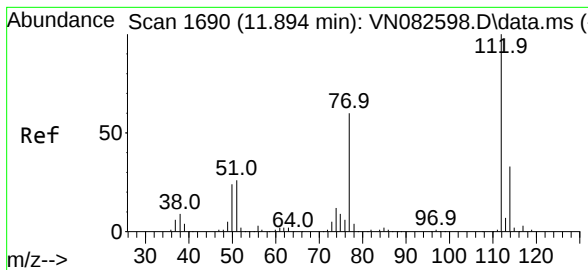
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#64
Tetrachloroethene
Concen: 18.741 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

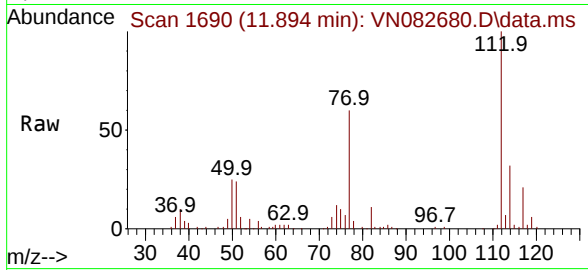
Tgt Ion:164 Resp: 35747
Ion Ratio Lower Upper
164 100
166 136.3 101.4 152.0
129 97.7 75.7 113.5
131 98.0 73.8 110.6





#65
Chlorobenzene
Concen: 20.529 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

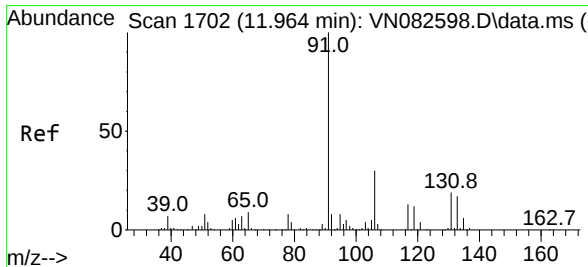
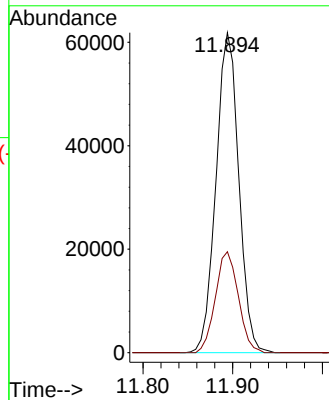
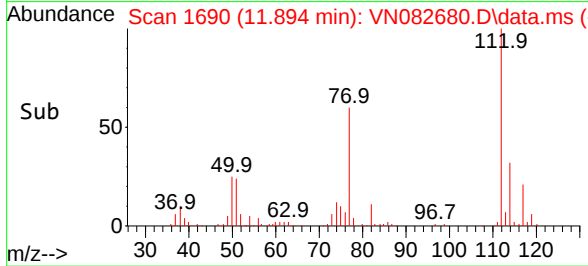
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



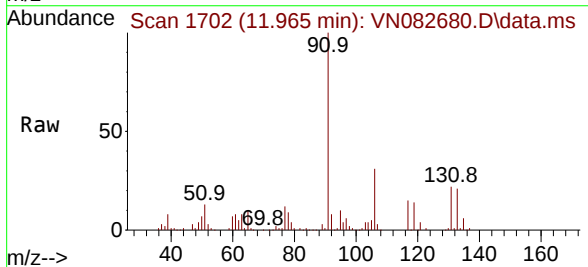
Tgt Ion:112 Resp: 108910
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2

Manual Integrations
APPROVED

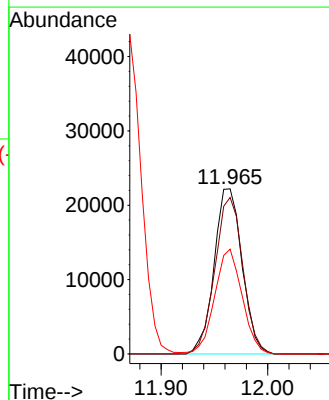
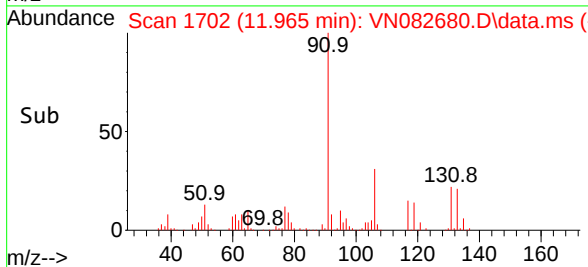
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.408 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



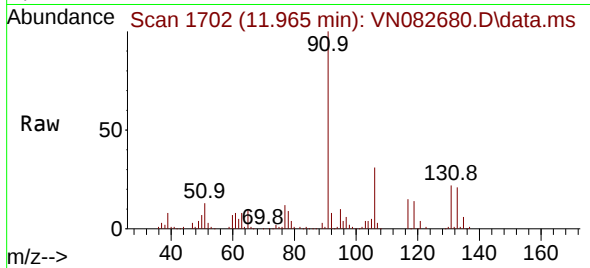
Tgt Ion:131 Resp: 40498
Ion Ratio Lower Upper
131 100
133 94.8 47.3 142.0
119 62.5 32.5 97.4





#67
Ethyl Benzene
Concen: 19.774 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

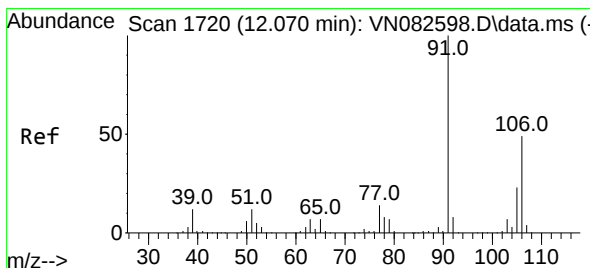
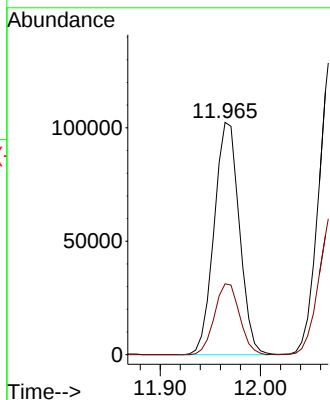
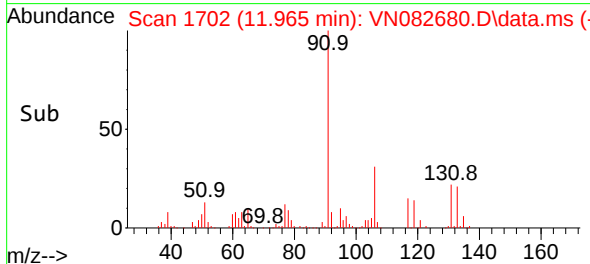
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



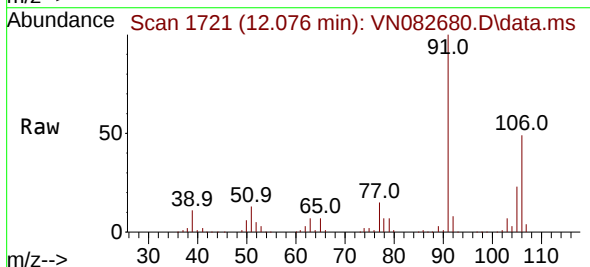
Tgt Ion: 91 Resp: 178750
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

Manual Integrations
APPROVED

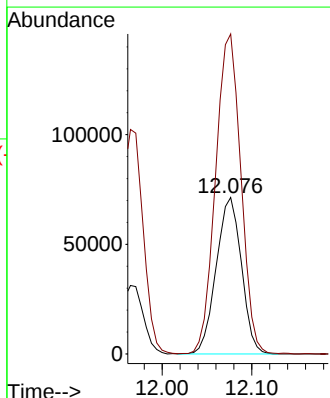
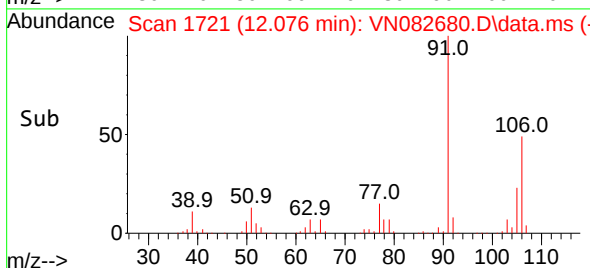
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

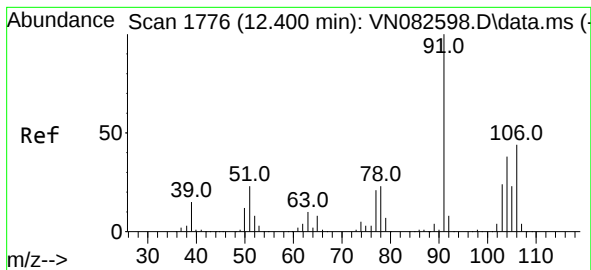


#68
m/p-Xylenes
Concen: 41.359 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



Tgt Ion:106 Resp: 139086
Ion Ratio Lower Upper
106 100
91 205.7 166.1 249.1





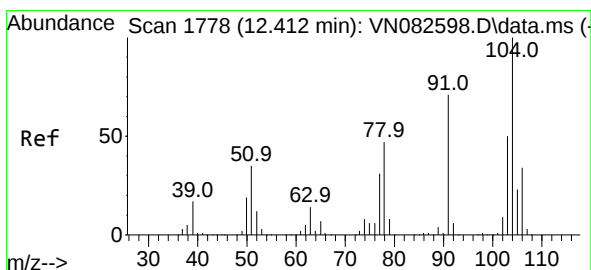
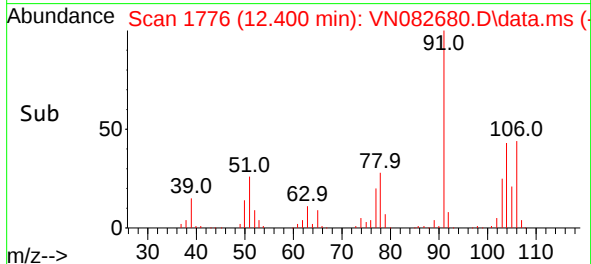
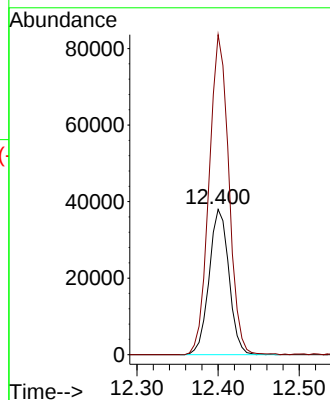
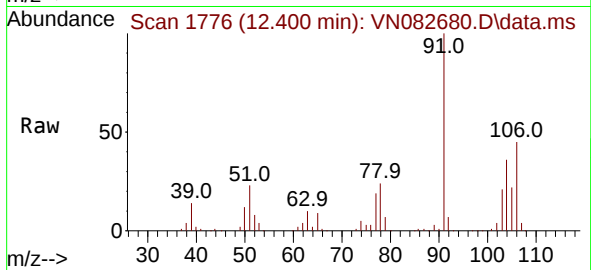
#69
o-Xylene
Concen: 20.355 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:106 Resp: 6431
Ion Ratio Lower Upper
106 100
91 219.8 111.3 333.9

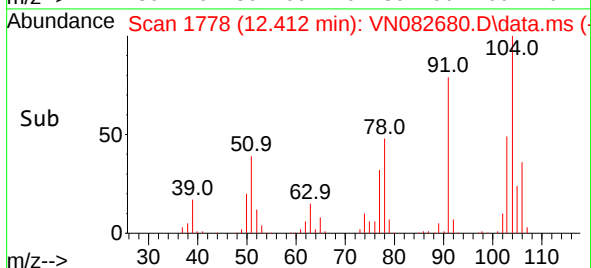
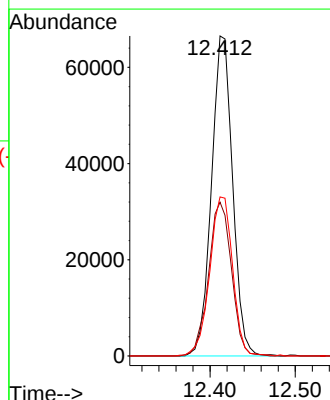
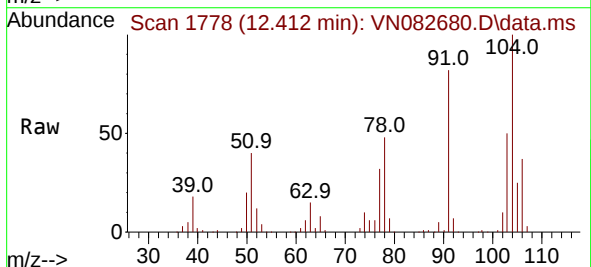
Manual Integrations
APPROVED

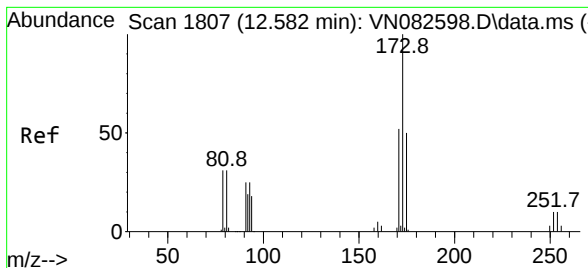
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#70
Styrene
Concen: 21.392 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion:104 Resp: 114714
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 53.8 44.0 66.0





#71

Bromoform

Concen: 21.826 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN082680.D

Acq: 21 Jun 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

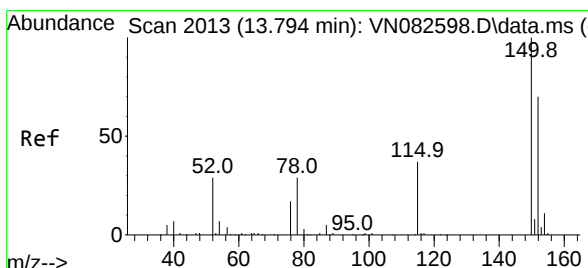
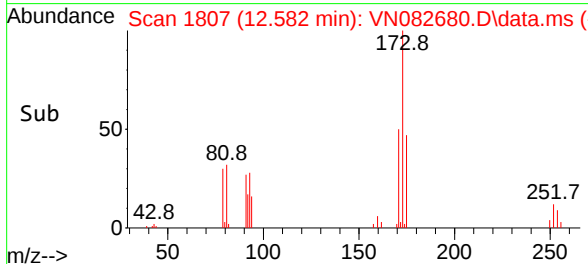
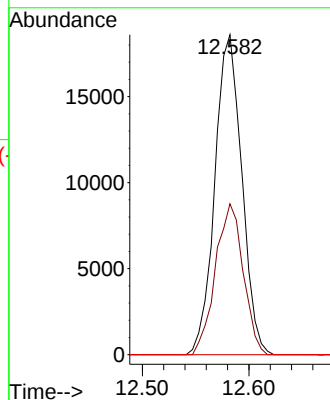
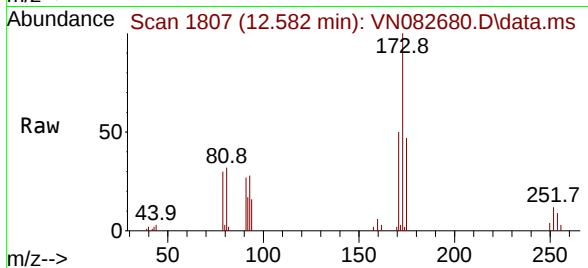
Tgt Ion:173 Resp: 3264
 Ion Ratio Lower Upper
 173 100
 175 48.6 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

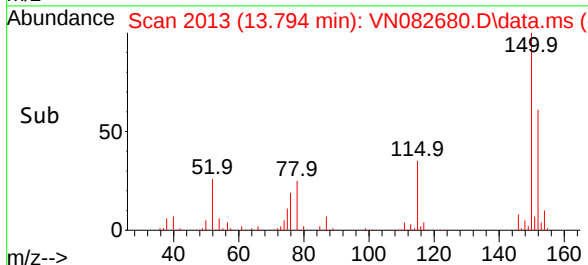
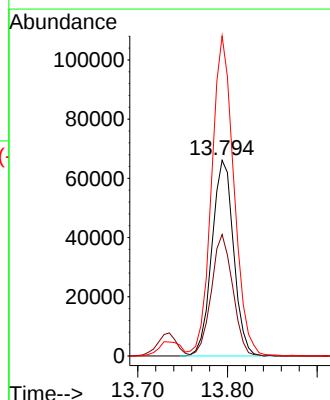
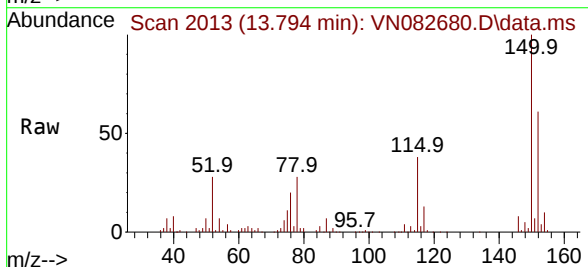
RT: 13.794 min Scan# 2013

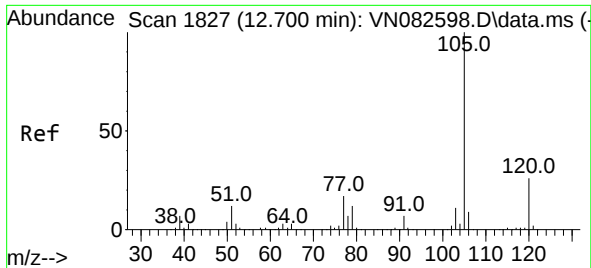
Delta R.T. 0.000 min

Lab File: VN082680.D

Acq: 21 Jun 2024 16:08

Tgt Ion:152 Resp: 110888
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.6 91.6
 150 168.3 0.0 348.6





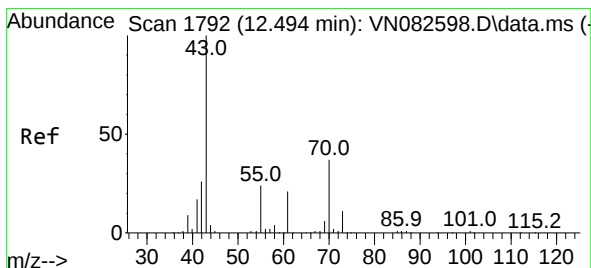
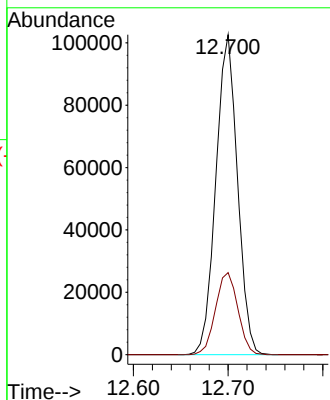
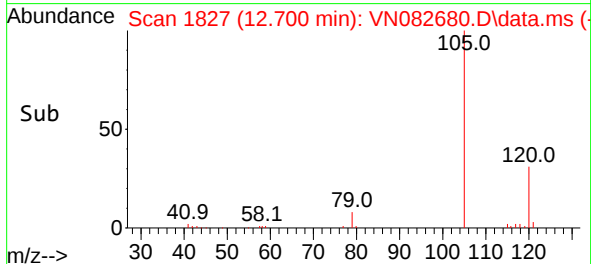
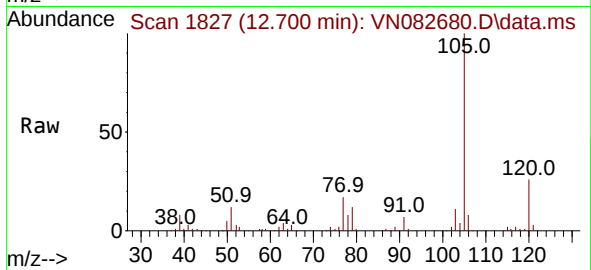
#73
Isopropylbenzene
Concen: 19.310 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:105 Resp: 162590
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

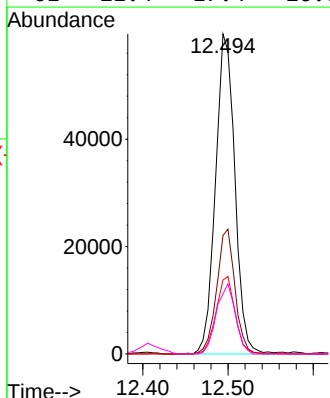
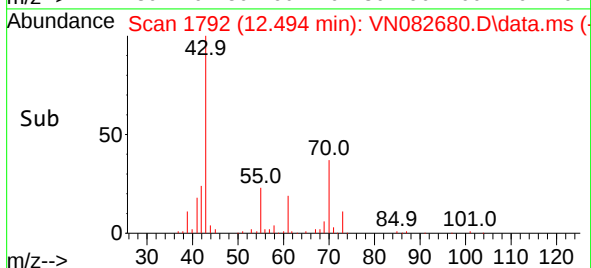
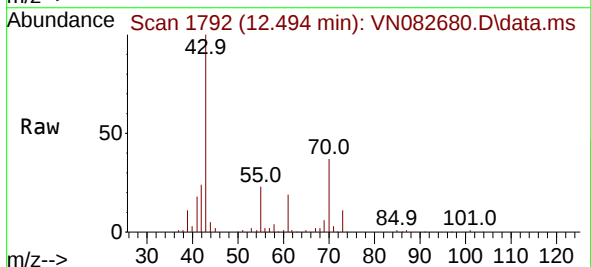
Manual Integrations
APPROVED

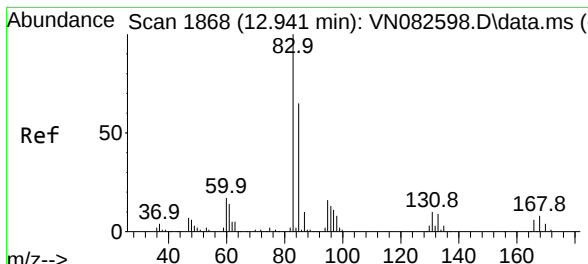
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#74
N-ethyl acetate
Concen: 20.984 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion: 43 Resp: 94299
Ion Ratio Lower Upper
43 100
70 37.0 29.8 44.6
55 23.8 18.7 28.1
61 21.4 17.4 26.0





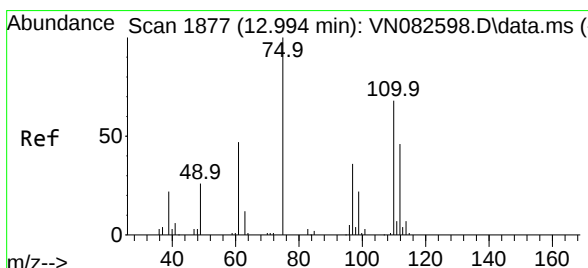
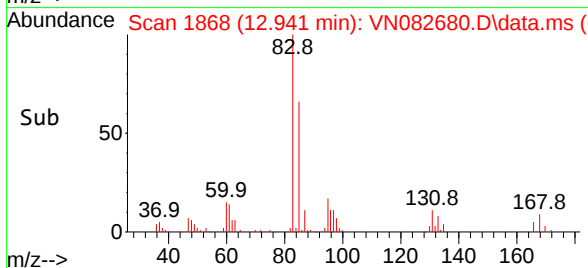
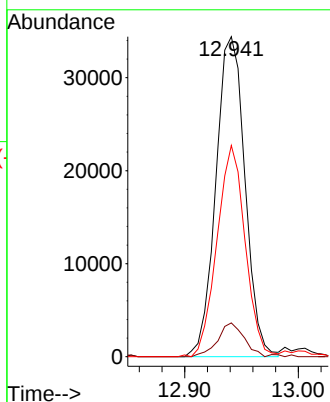
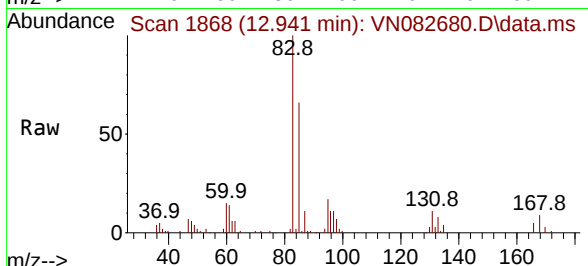
#75
1,1,2,2-Tetrachloroethane
Concen: 22.320 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 83 Resp: 6130
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.8 31.9 95.7

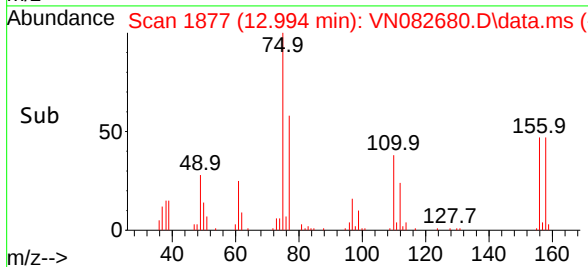
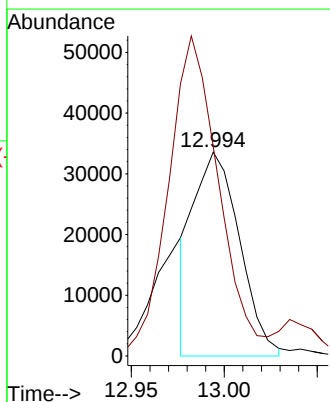
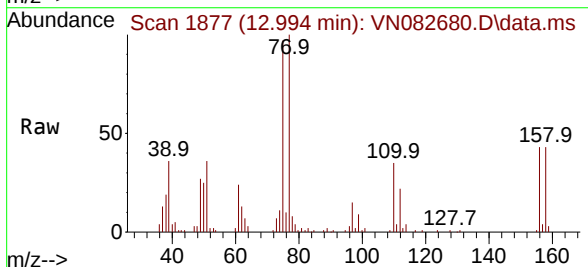
Manual Integrations
APPROVED

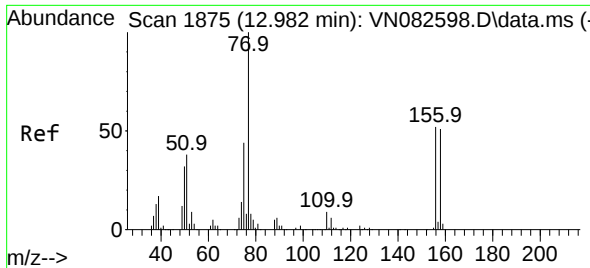
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#76
1,2,3-Trichloropropane
Concen: 21.417 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion: 75 Resp: 58087
Ion Ratio Lower Upper
75 100
77 171.7 110.9 332.6





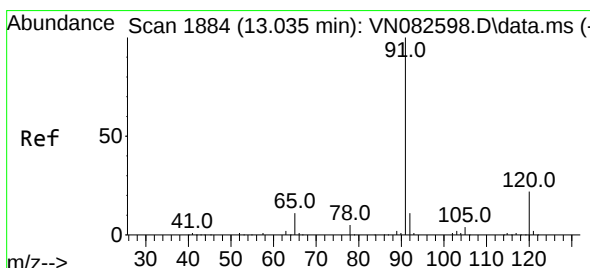
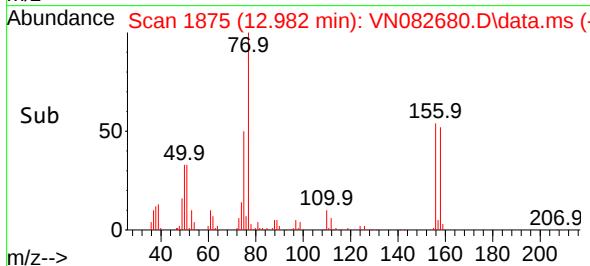
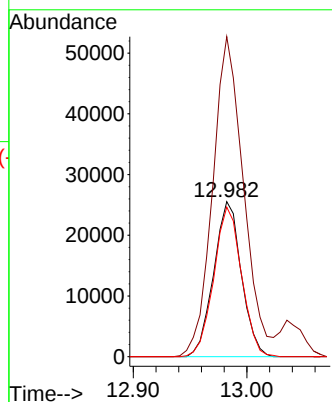
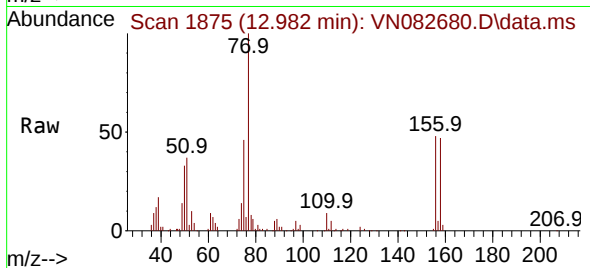
#77
Bromobenzene
Concen: 19.953 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:156 Resp: 4324
Ion Ratio Lower Upper
156 100
77 230.6 111.3 333.8
158 96.8 48.3 144.9

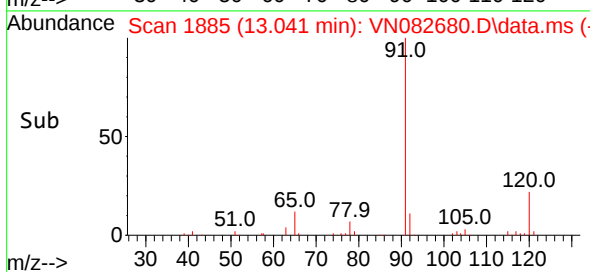
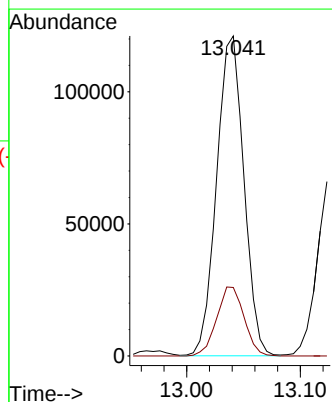
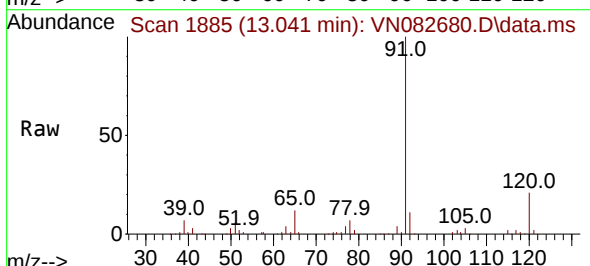
Manual Integrations
APPROVED

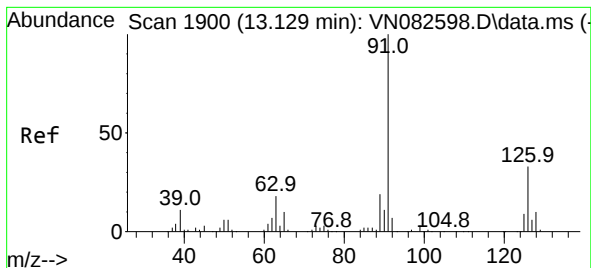
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#78
n-propylbenzene
Concen: 20.260 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion: 91 Resp: 201797
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





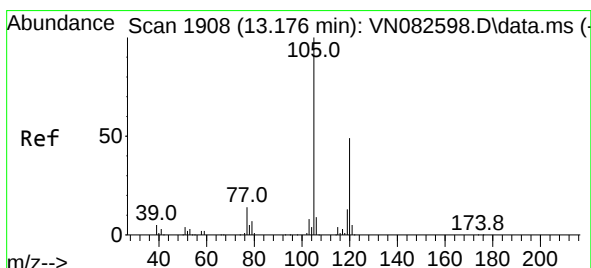
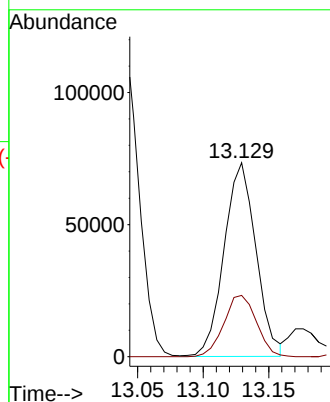
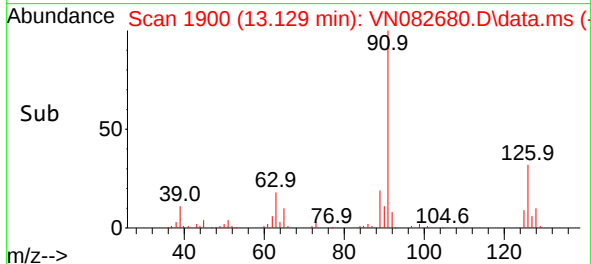
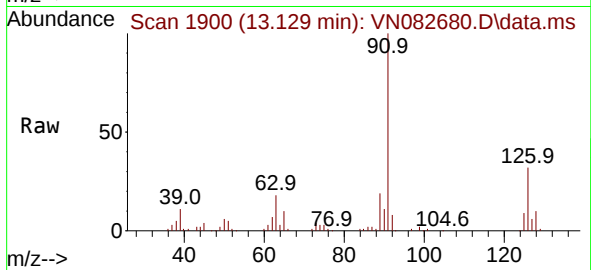
#79
2-Chlorotoluene
Concen: 19.845 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 91 Resp: 12395
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

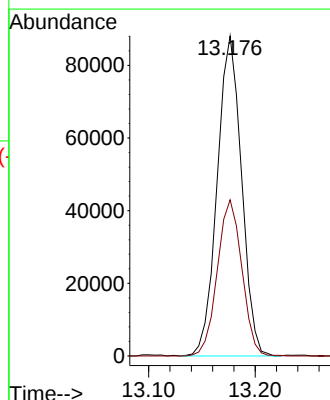
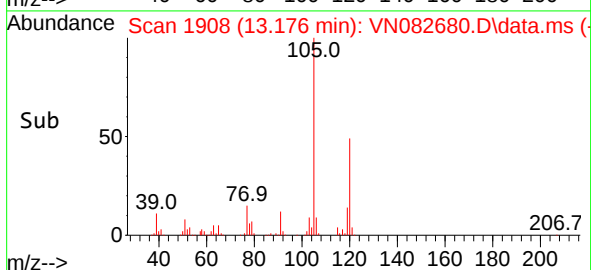
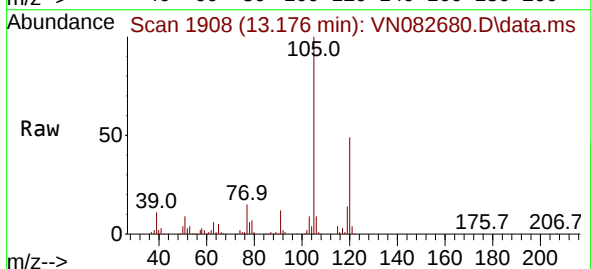
Manual Integrations
APPROVED

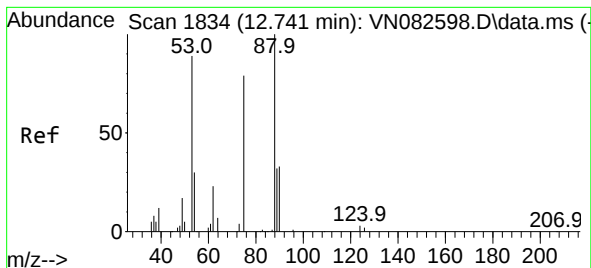
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.444 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

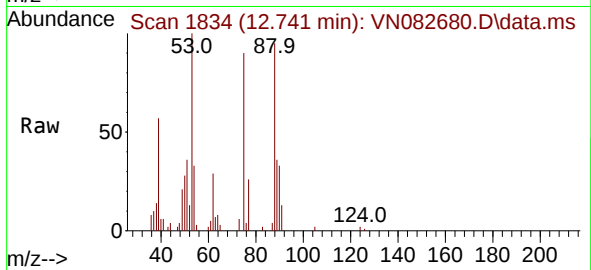
Tgt Ion:105 Resp: 139697
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.248 ug/l m
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

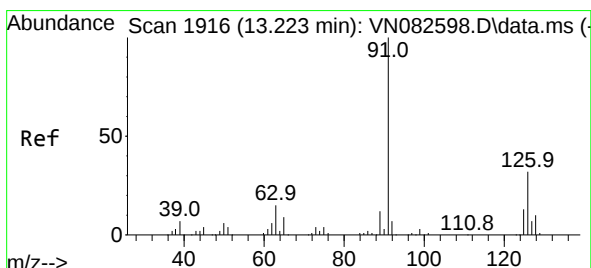
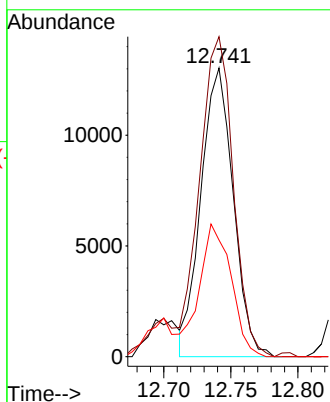
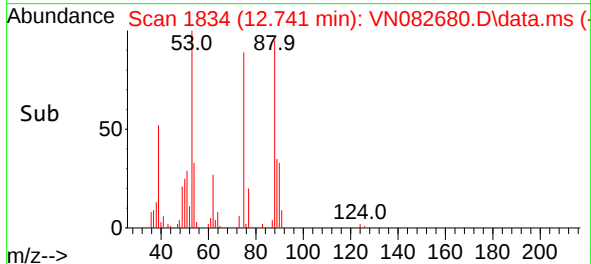
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 75 Resp: 21820
Ion Ratio Lower Upper
75 100
53 127.3 88.4 132.6
89 45.1 36.3 54.5

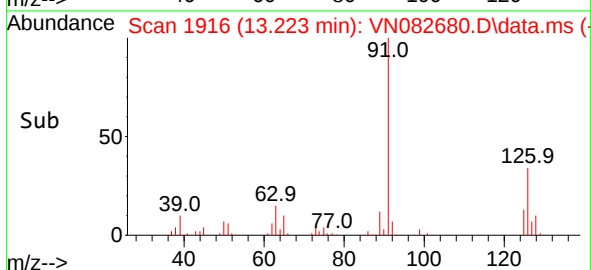
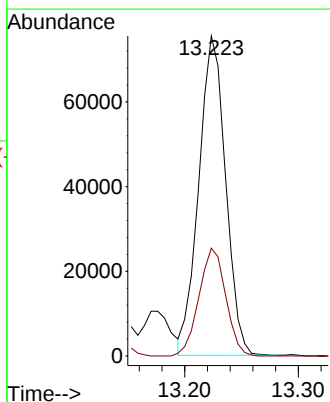
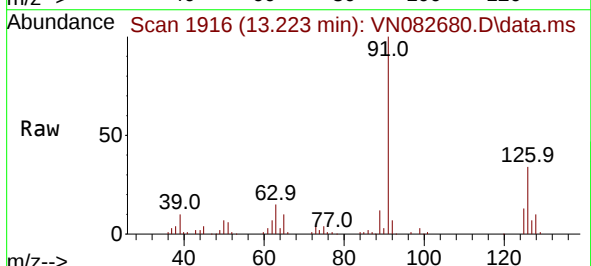
Manual Integrations
APPROVED

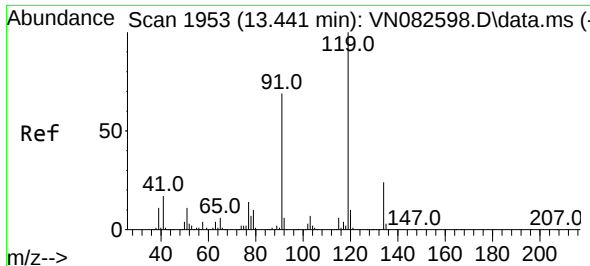
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#82
4-Chlorotoluene
Concen: 19.830 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

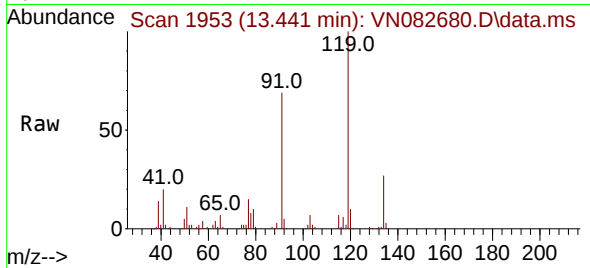
Tgt Ion: 91 Resp: 123733
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6





#83
tert-Butylbenzene
Concen: 19.555 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

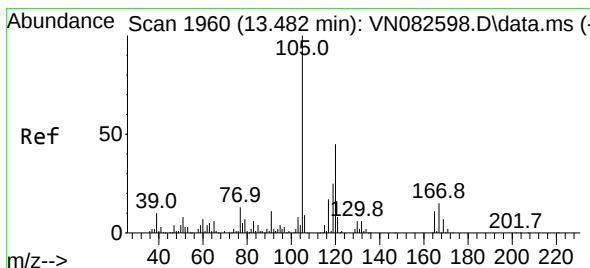
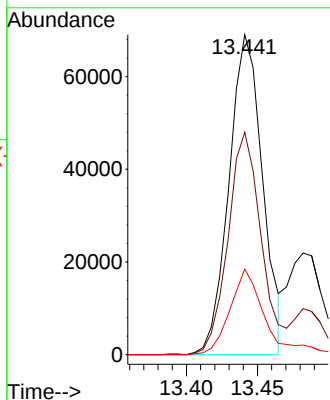
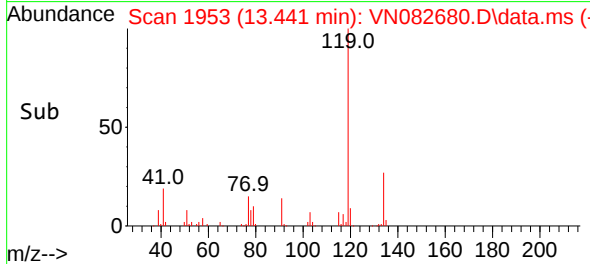
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



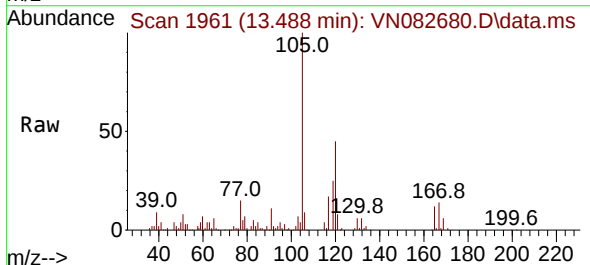
Tgt Ion:119 Resp: 113824
Ion Ratio Lower Upper
119 100
91 69.0 35.0 105.1
134 27.8 13.3 39.8

Manual Integrations
APPROVED

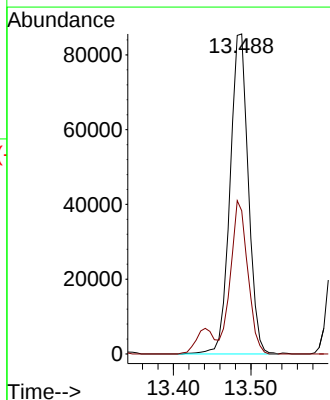
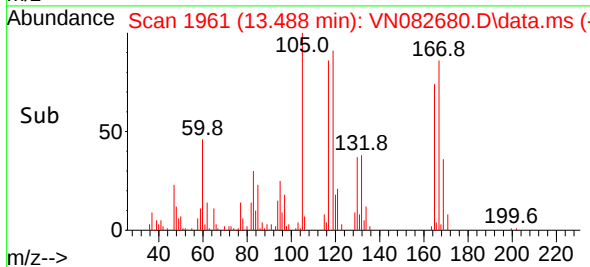
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

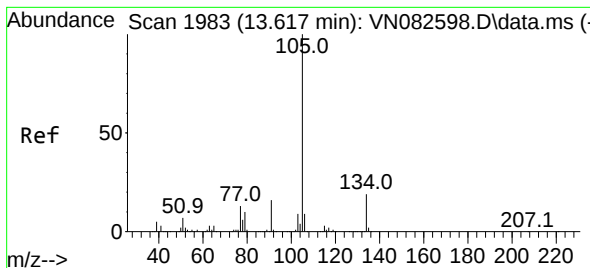


#84
1,2,4-Trimethylbenzene
Concen: 20.465 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



Tgt Ion:105 Resp: 140287
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.8





#85

sec-Butylbenzene

Concen: 19.795 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082680.D

Acq: 21 Jun 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

Tgt Ion:105 Resp: 163638

Ion Ratio Lower Upper

105 100

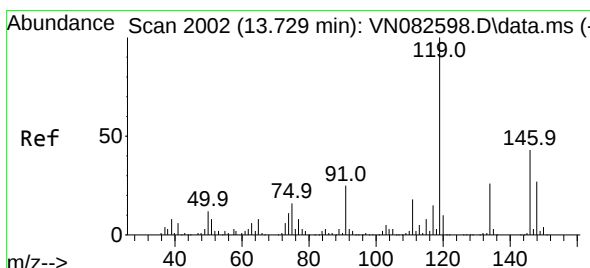
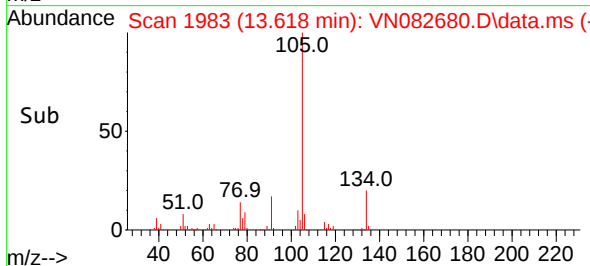
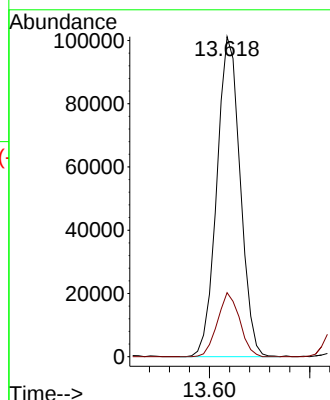
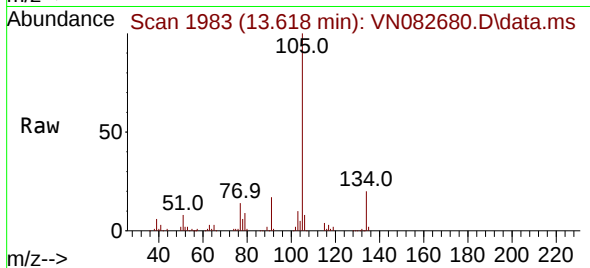
134 19.0 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#86

p-Isopropyltoluene

Concen: 20.118 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN082680.D

Acq: 21 Jun 2024 16:08

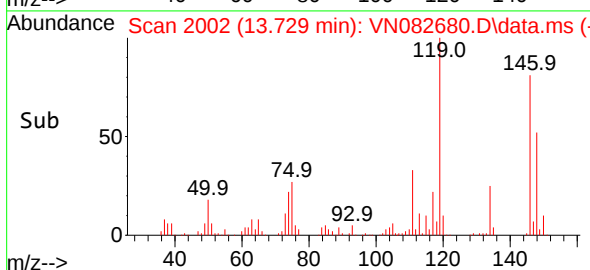
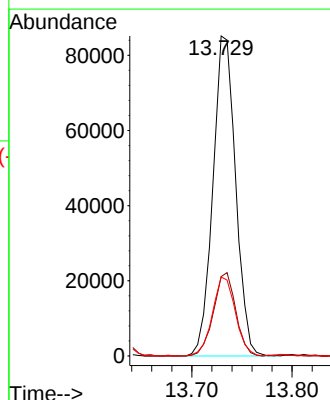
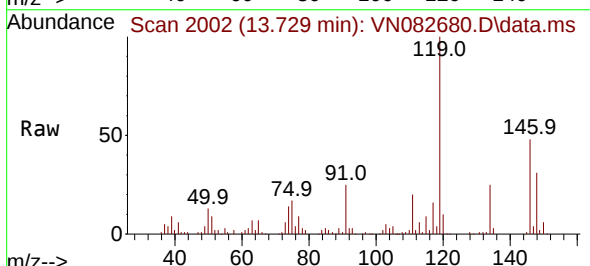
Tgt Ion:119 Resp: 133922

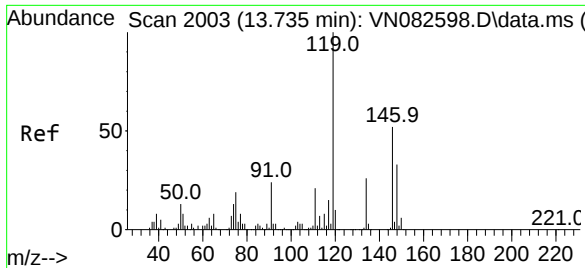
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 25.0 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 20.239 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

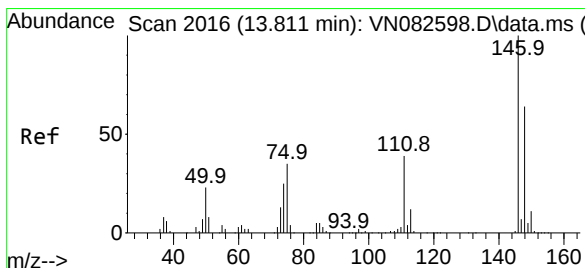
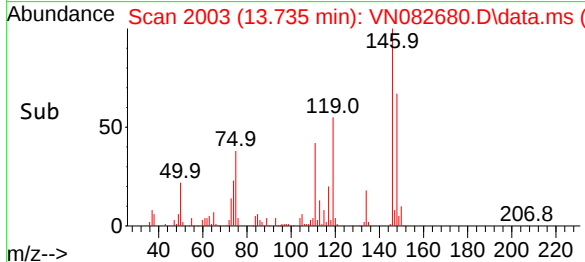
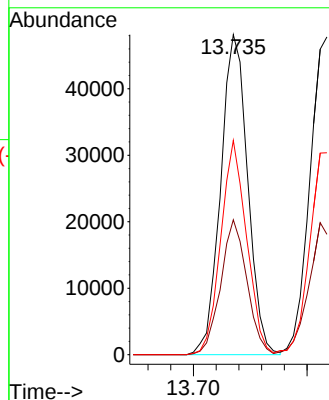
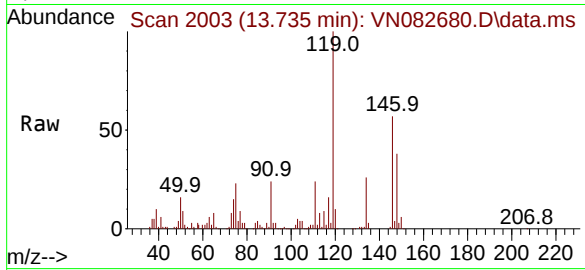
VN0621WBSD01

Tgt Ion:146 Resp: 7953
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.9
148 63.9 31.8 95.3

Manual Integrations

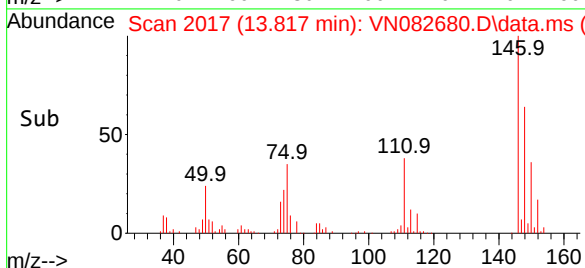
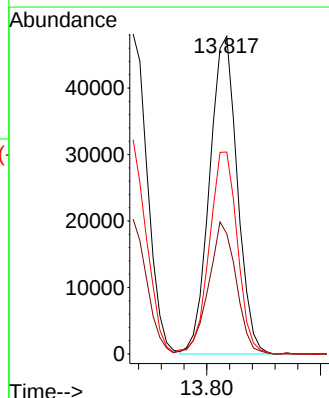
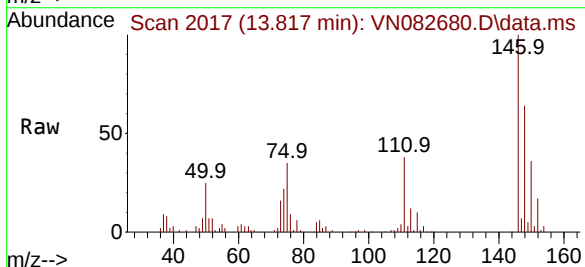
APPROVED

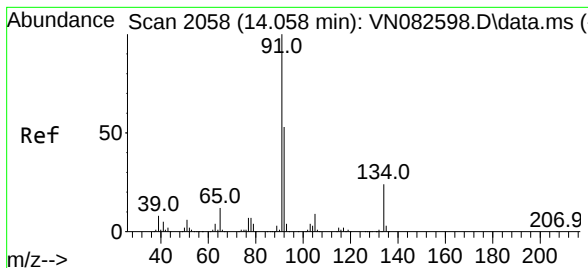
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#88
1,4-Dichlorobenzene
Concen: 19.737 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion:146 Resp: 81069
Ion Ratio Lower Upper
146 100
111 41.3 20.1 60.3
148 64.2 32.2 96.6





#89

n-Butylbenzene

Concen: 19.577 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN082680.D

Acq: 21 Jun 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

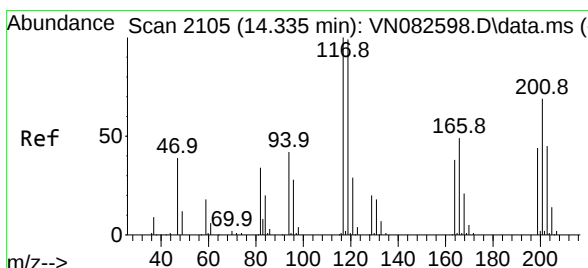
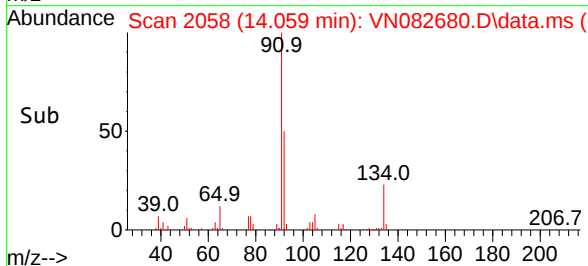
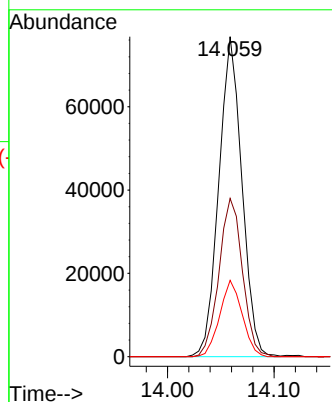
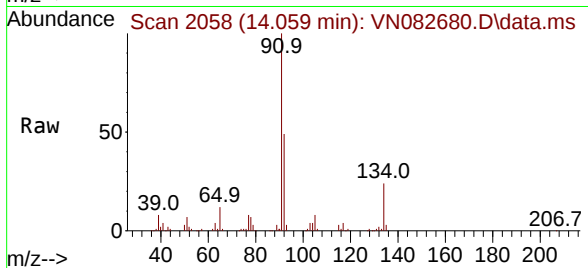
Tgt Ion: 91	Resp: 11559
Ion Ratio	Lower Upper
91	100
92	50.2 26.1 78.3
134	23.2 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/24/2024

Supervised By :Mahesh Dadoda 06/24/2024



#90

Hexachloroethane

Concen: 19.252 ug/l

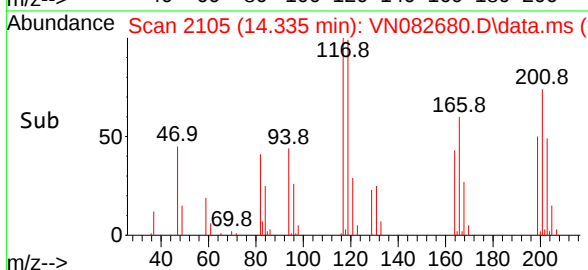
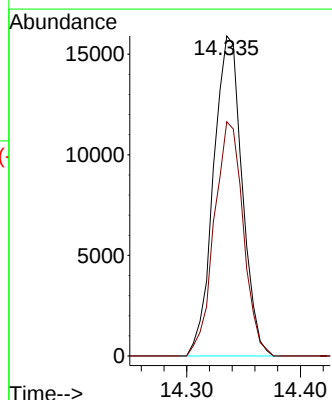
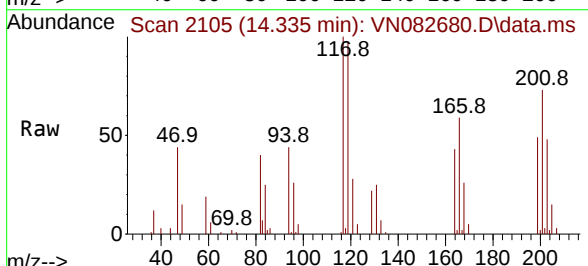
RT: 14.335 min Scan# 2105

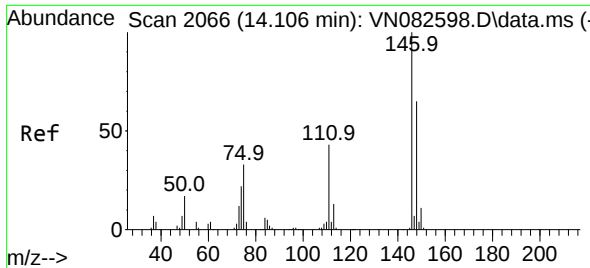
Delta R.T. 0.000 min

Lab File: VN082680.D

Acq: 21 Jun 2024 16:08

Tgt Ion:117	Resp: 27884
Ion Ratio	Lower Upper
117	100
201	74.1 35.8 107.3





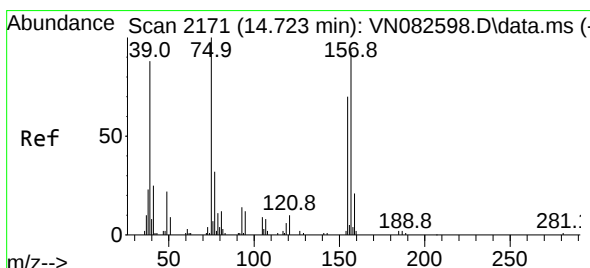
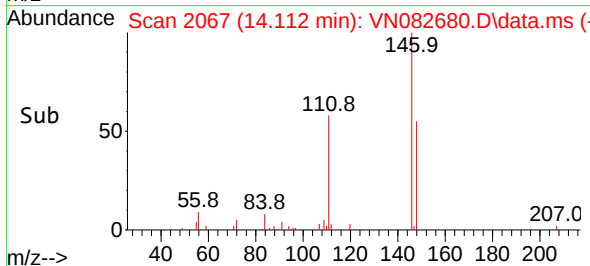
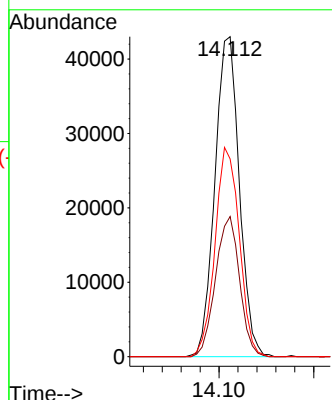
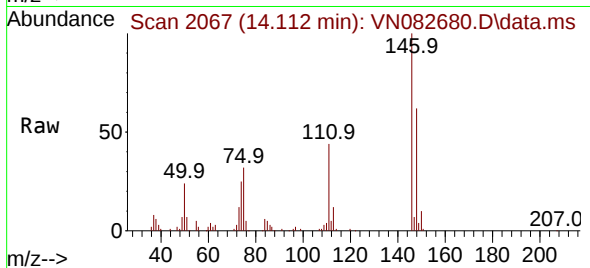
#91
1,2-Dichlorobenzene
Concen: 20.082 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:146 Resp: 7705
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.2
148 64.9 32.1 96.5

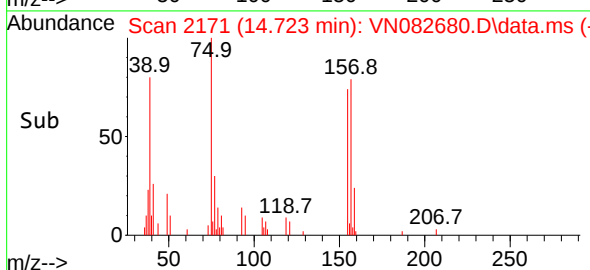
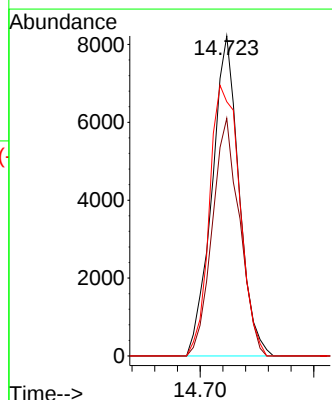
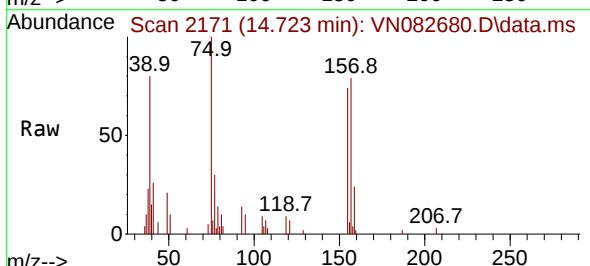
Manual Integrations
APPROVED

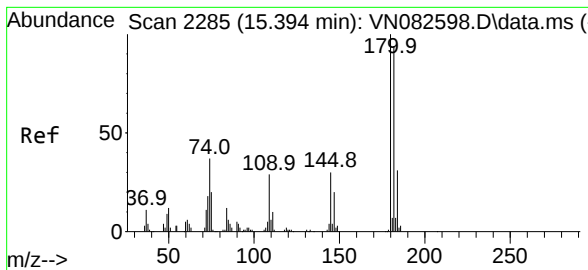
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.433 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

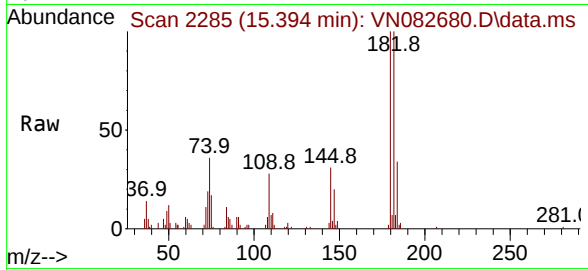
Tgt Ion: 75 Resp: 13621
Ion Ratio Lower Upper
75 100
155 74.9 36.6 109.8
157 94.2 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 19.038 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

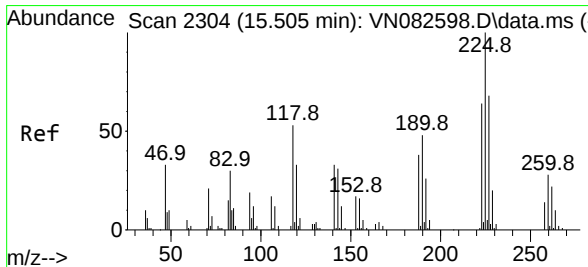
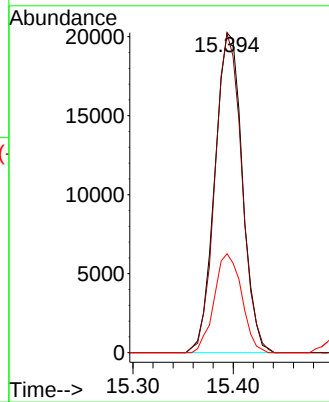
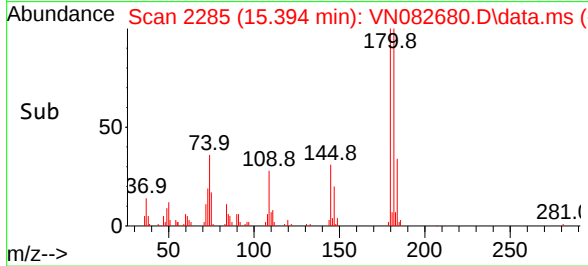
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



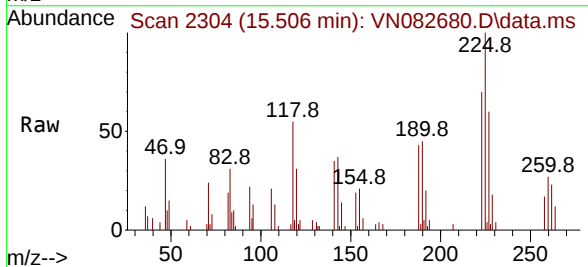
Tgt Ion:180 Resp: 3852
Ion Ratio Lower Upper
180 100
182 97.5 47.3 141.8
145 30.8 15.7 47.1

Manual Integrations
APPROVED

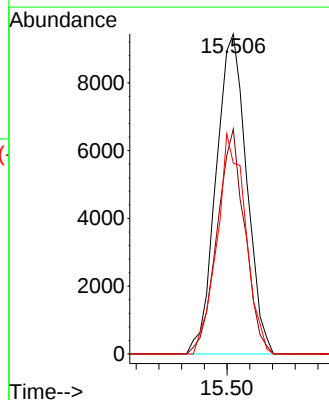
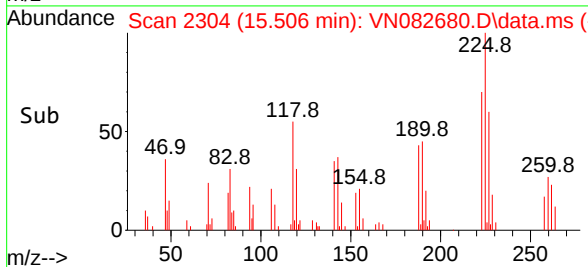
Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024

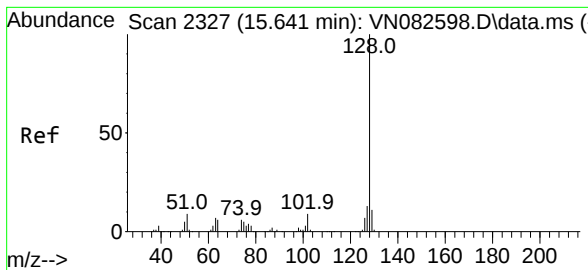


#94
Hexachlorobutadiene
Concen: 17.648 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08



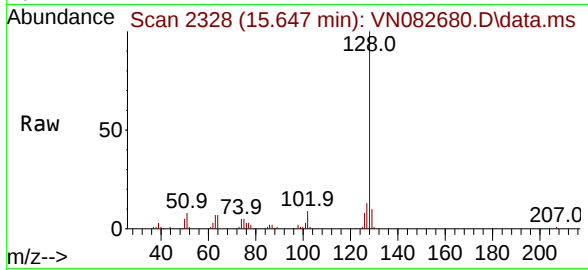
Tgt Ion:225 Resp: 17606
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 64.3 32.5 97.5





#95
Naphthalene
Concen: 20.395 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

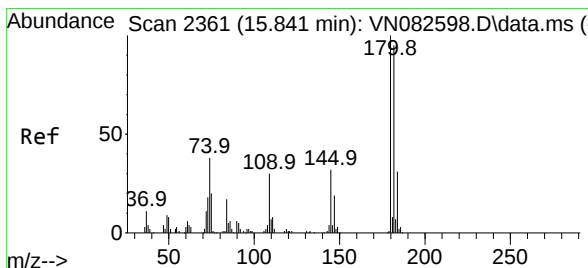
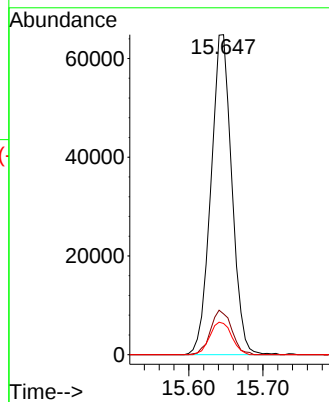
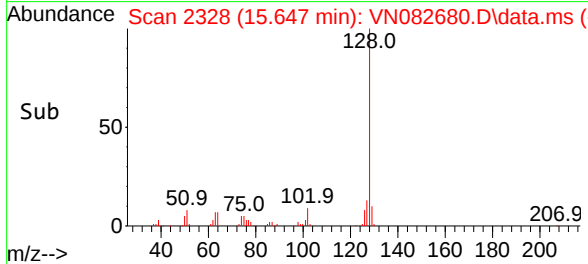
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion:128 Resp: 126958
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/24/2024
Supervised By :Mahesh Dadoda 06/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.876 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN082680.D
Acq: 21 Jun 2024 16:08

Tgt Ion:180 Resp: 40983
Ion Ratio Lower Upper
180 100
182 94.4 48.9 146.8
145 32.8 16.8 50.4

