

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081405.D
 Acq On : 14 Mar 2024 13:18
 Operator : JC\MD
 Sample : VN0314WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

Quant Time: Mar 15 01:11:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	294169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	534919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	486415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	232047	54.556	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.120%			
35) Dibromofluoromethane	8.171	113	172719	52.702	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.400%			
50) Toluene-d8	10.570	98	629428	51.377	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.853	95	226151	52.228	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 104.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	80142	20.552	ug/l	95
3) Chloromethane	2.365	50	73874	17.538	ug/l	94
4) Vinyl Chloride	2.518	62	79233	18.031	ug/l	96
5) Bromomethane	2.959	94	53053	18.077	ug/l	89
6) Chloroethane	3.124	64	54790	18.154	ug/l	100
7) Trichlorofluoromethane	3.500	101	123942	19.066	ug/l	96
8) Diethyl Ether	3.965	74	44092	19.252	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	68761	18.575	ug/l	91
10) Methyl Iodide	4.594	142	65015	19.192	ug/l	98
11) Tert butyl alcohol	5.518	59	73031	98.195	ug/l	98
12) 1,1-Dichloroethene	4.341	96	63733	18.591	ug/l	98
13) Acrolein	4.177	56	72427	82.241	ug/l	99
14) Allyl chloride	5.024	41	93402	18.359	ug/l #	90
15) Acrylonitrile	5.712	53	193899	99.796	ug/l	97
16) Acetone	4.430	43	150349	99.768	ug/l	96
17) Carbon Disulfide	4.712	76	163341	16.694	ug/l	99
18) Methyl Acetate	5.024	43	102154	23.676	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	232280	19.978	ug/l	93
20) Methylene Chloride	5.283	84	75934	19.910	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	69742	18.044	ug/l	89
22) Diisopropyl ether	6.671	45	234813	20.780	ug/l #	95
23) Vinyl Acetate	6.606	43	904566	98.536	ug/l #	94
24) 1,1-Dichloroethane	6.577	63	137269	19.844	ug/l	98
25) 2-Butanone	7.482	43	247336	98.004	ug/l	96
26) 2,2-Dichloropropane	7.494	77	112607	18.419	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	84141	19.202	ug/l	87
28) Bromochloromethane	7.824	49	62598	21.149	ug/l #	26
29) Tetrahydrofuran	7.835	42	165689	96.279	ug/l	89
30) Chloroform	7.971	83	146490	20.407	ug/l	97
31) Cyclohexane	8.265	56	111872	17.373	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	124915	19.687	ug/l	95
36) 1,1-Dichloropropene	8.371	75	103017	19.484	ug/l	96
37) Ethyl Acetate	7.559	43	104771	20.271	ug/l	99
38) Carbon Tetrachloride	8.365	117	108209	20.335	ug/l	93
39) Methylcyclohexane	9.600	83	110440	18.150	ug/l	89
40) Benzene	8.612	78	306421	19.416	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081405.D
 Acq On : 14 Mar 2024 13:18
 Operator : JC\MD
 Sample : VN0314WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

Quant Time: Mar 15 01:11:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	56945	19.510	ug/l	95
42) 1,2-Dichloroethane	8.677	62	117579	21.131	ug/l	99
43) Isopropyl Acetate	8.688	43	180061	19.904	ug/l	98
44) Trichloroethene	9.353	130	79168	19.890	ug/l	96
45) 1,2-Dichloropropane	9.624	63	77887	19.646	ug/l	97
46) Dibromomethane	9.712	93	58402	20.899	ug/l	93
47) Bromodichloromethane	9.888	83	113029	20.835	ug/l #	99
48) Methyl methacrylate	9.682	41	79379	19.851	ug/l	89
49) 1,4-Dioxane	9.694	88	34191	387.939	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	538096	102.441	ug/l	97
52) Toluene	10.629	92	187598	19.678	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	117930	20.092	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	127470	20.117	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	80192	21.212	ug/l	93
56) Ethyl methacrylate	10.876	69	111130	20.471	ug/l	93
57) 1,3-Dichloropropane	11.165	76	134366	20.364	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	265722	90.998	ug/l #	90
59) 2-Hexanone	11.200	43	402272	102.441	ug/l	97
60) Dibromochloromethane	11.359	129	82770	21.259	ug/l	99
61) 1,2-Dibromoethane	11.470	107	81140	20.685	ug/l	97
64) Tetrachloroethene	11.106	164	72590	19.059	ug/l	91
65) Chlorobenzene	11.894	112	197748	19.292	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	74910	19.972	ug/l	97
67) Ethyl Benzene	11.965	91	352758	19.105	ug/l	96
68) m/p-Xylenes	12.076	106	269975	38.853	ug/l	95
69) o-Xylene	12.400	106	128384	19.064	ug/l	96
70) Styrene	12.412	104	215231	20.168	ug/l	98
71) Bromoform	12.582	173	53009	20.357	ug/l #	94
73) Isopropylbenzene	12.700	105	333641	18.671	ug/l	98
74) N-amyl acetate	12.494	43	147342	19.651	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	106313	19.278	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	102294m	19.571	ug/l	
77) Bromobenzene	12.982	156	79793	18.833	ug/l	79
78) n-propylbenzene	13.035	91	407346	19.273	ug/l	97
79) 2-Chlorotoluene	13.129	91	243593	18.855	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	286276	19.380	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	33905	18.103	ug/l	84
82) 4-Chlorotoluene	13.223	91	239682	18.783	ug/l	94
83) tert-Butylbenzene	13.441	119	236291	18.659	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	293403	19.605	ug/l	97
85) sec-Butylbenzene	13.617	105	344694	18.815	ug/l	95
86) p-Isopropyltoluene	13.729	119	286533	19.502	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	147117	18.389	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	146947	18.377	ug/l	99
89) n-Butylbenzene	14.059	91	245752	18.240	ug/l	96
90) Hexachloroethane	14.335	117	50708	19.713	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	140535	18.309	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22040	18.676	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	74041	18.046	ug/l	98
94) Hexachlorobutadiene	15.505	225	29529	17.418	ug/l	97
95) Naphthalene	15.647	128	262664	17.992	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	74048	17.797	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
Data File : VN081405.D
Acq On : 14 Mar 2024 13:18
Operator : JC\MD
Sample : VN0314WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

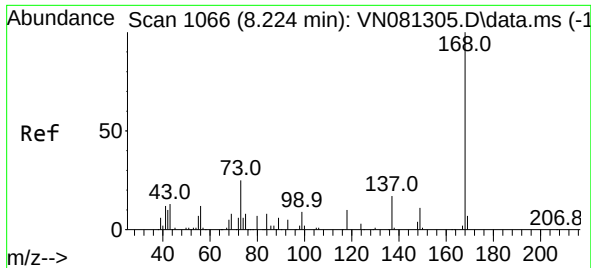
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

Quant Time: Mar 15 01:11:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration

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

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



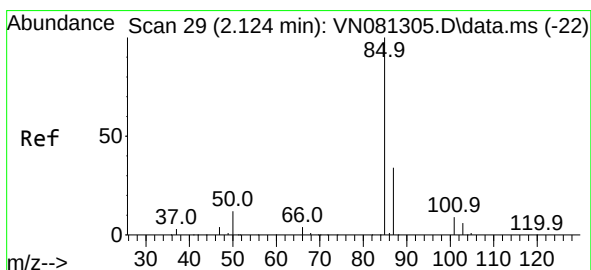
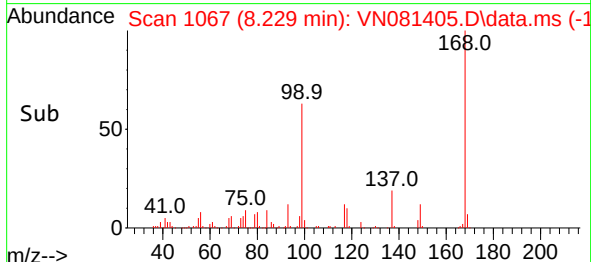
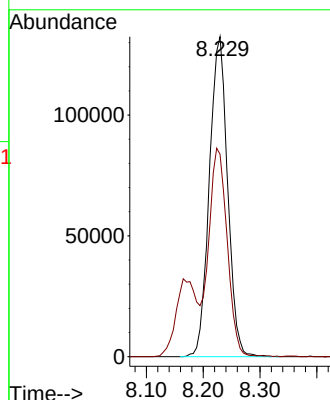
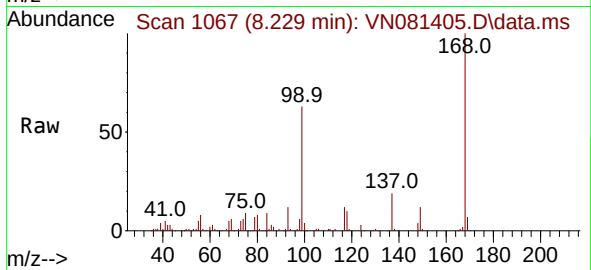
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion:168 Resp: 294169
Ion Ratio Lower Upper
168 100
99 63.2 59.9 89.9

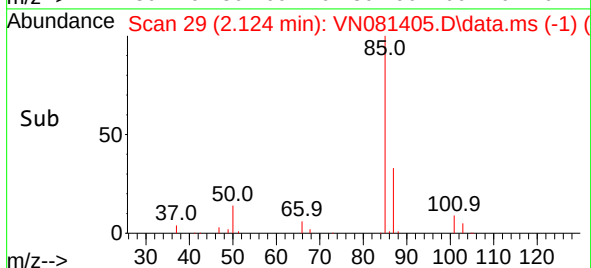
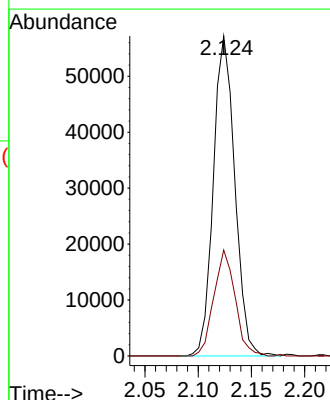
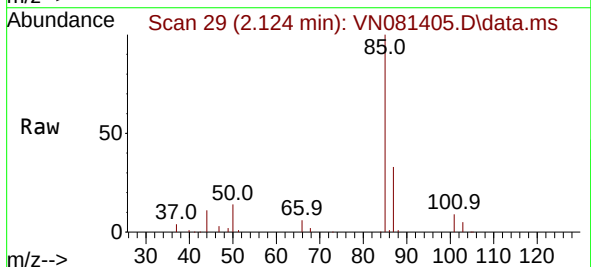
Manual Integrations
APPROVED

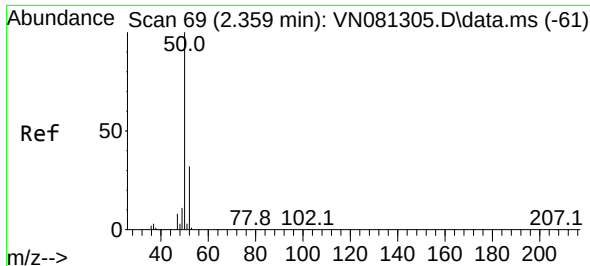
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#2
Dichlorodifluoromethane
Concen: 20.552 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

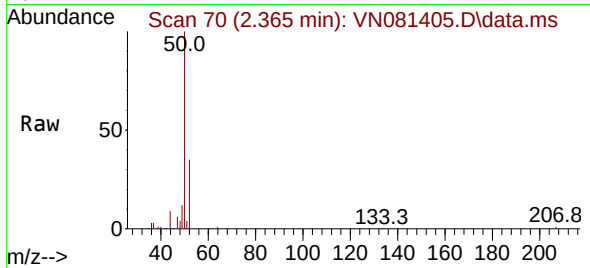
Tgt Ion: 85 Resp: 80142
Ion Ratio Lower Upper
85 100
87 33.1 15.3 45.9





#3
Chloromethane
Concen: 17.538 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

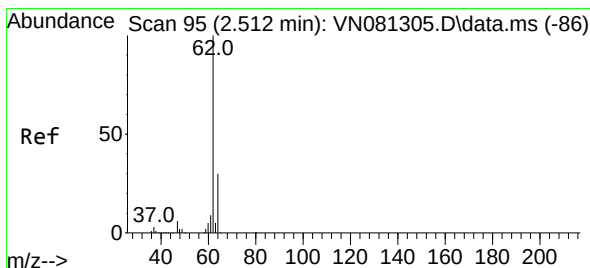
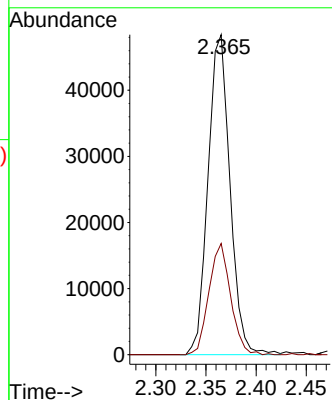
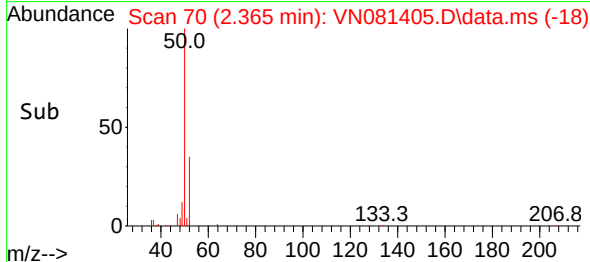
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 50 Resp: 73874
Ion Ratio Lower Upper
50 100
52 34.8 25.0 37.4

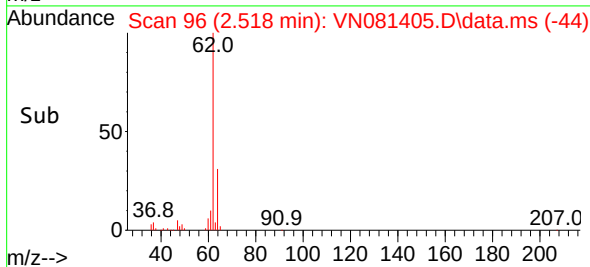
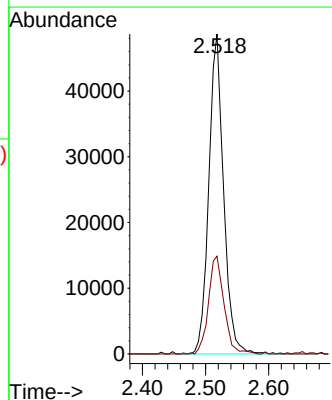
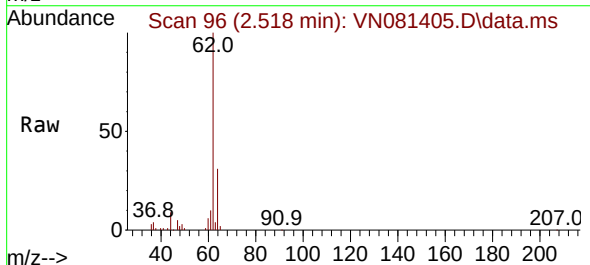
Manual Integrations
APPROVED

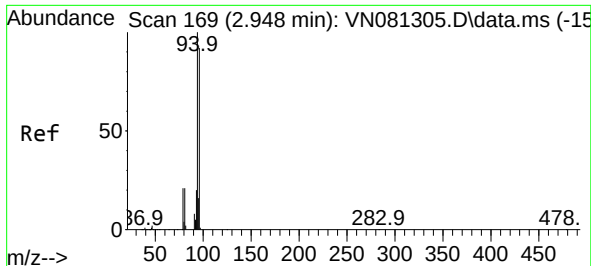
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#4
Vinyl Chloride
Concen: 18.031 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

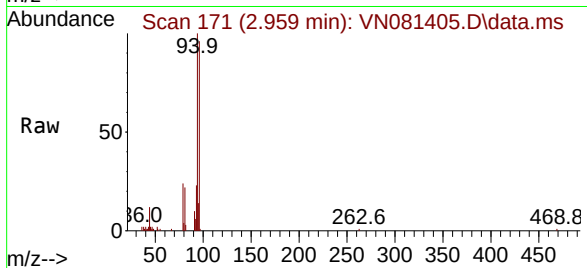
Tgt Ion: 62 Resp: 79233
Ion Ratio Lower Upper
62 100
64 30.5 22.7 34.1





#5
Bromomethane
Concen: 18.077 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

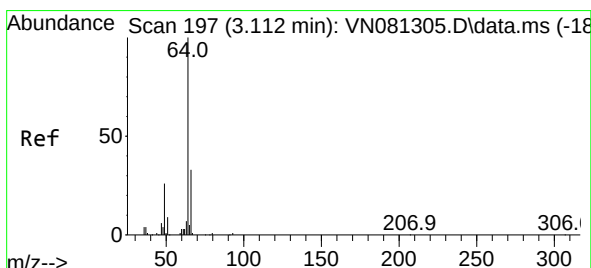
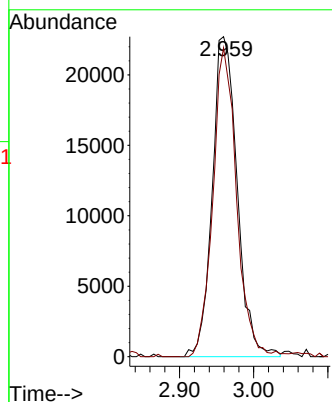
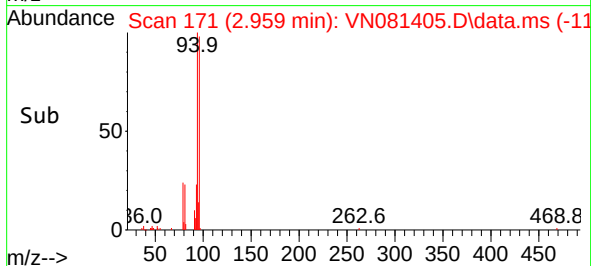
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 94 Resp: 5305
Ion Ratio Lower Upper
94 100
96 96.5 69.2 103.8

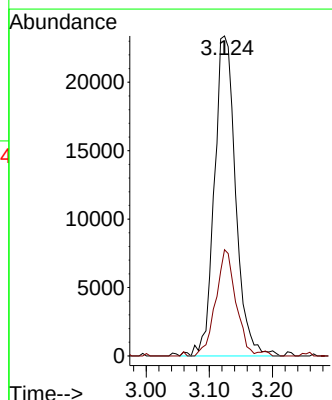
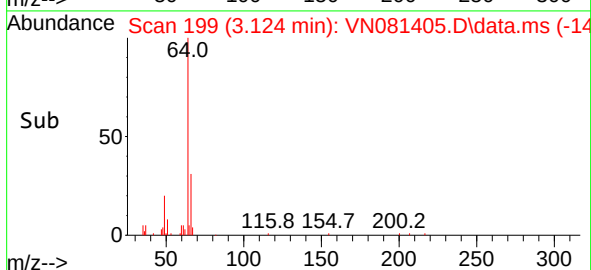
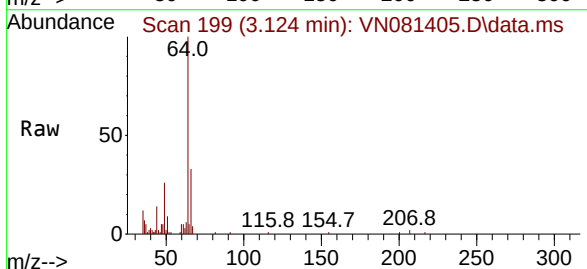
Manual Integrations
APPROVED

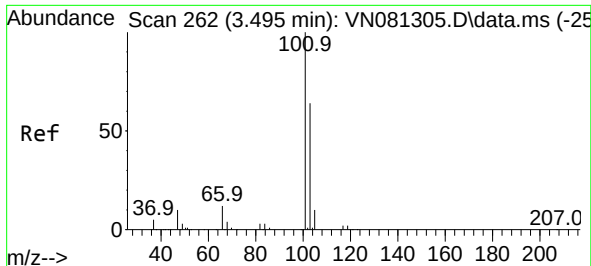
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#6
Chloroethane
Concen: 18.154 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Tgt Ion: 64 Resp: 54790
Ion Ratio Lower Upper
64 100
66 33.2 26.4 39.6





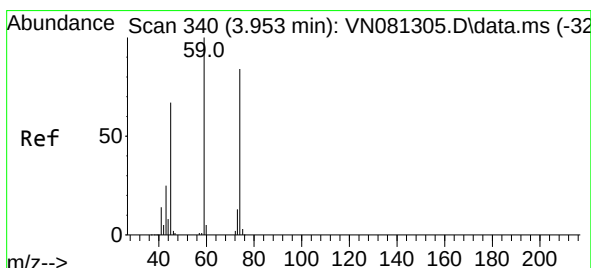
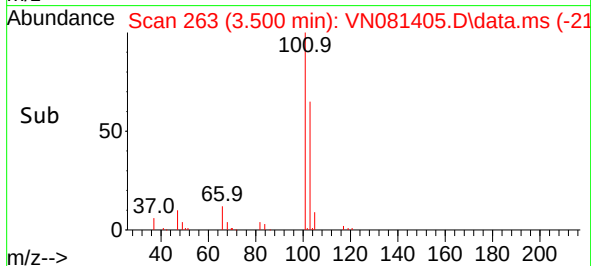
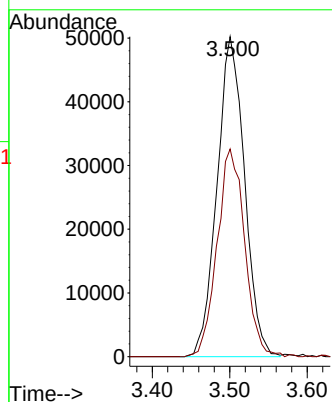
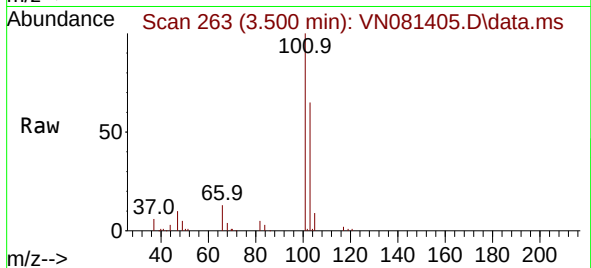
#7
Trichlorofluoromethane
Concen: 19.066 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion:101 Resp: 12394
Ion Ratio Lower Upper
101 100
103 64.9 54.4 81.6

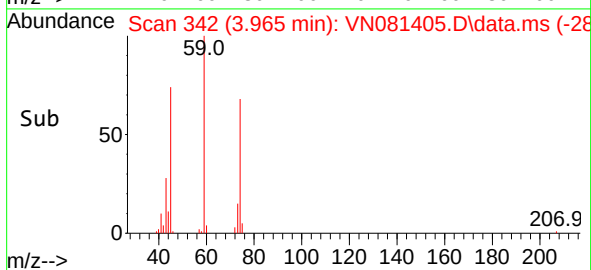
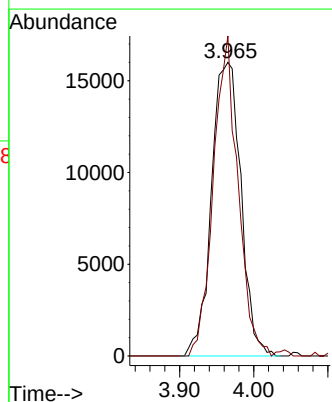
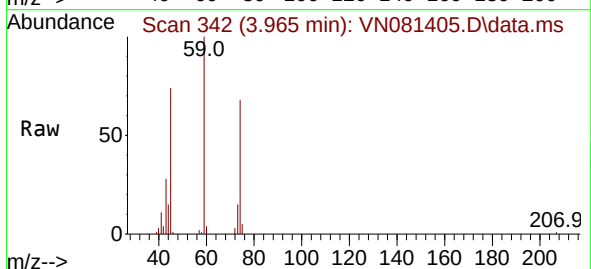
Manual Integrations
APPROVED

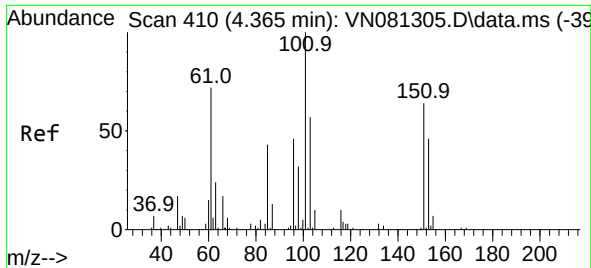
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#8
Diethyl Ether
Concen: 19.252 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Tgt Ion: 74 Resp: 44092
Ion Ratio Lower Upper
74 100
45 91.1 53.3 159.9





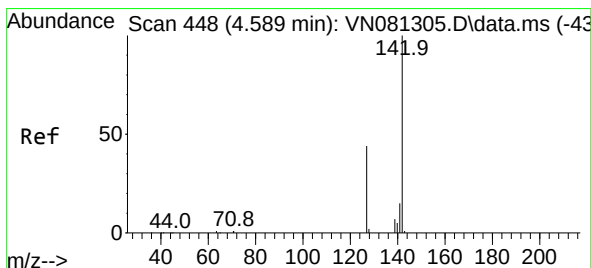
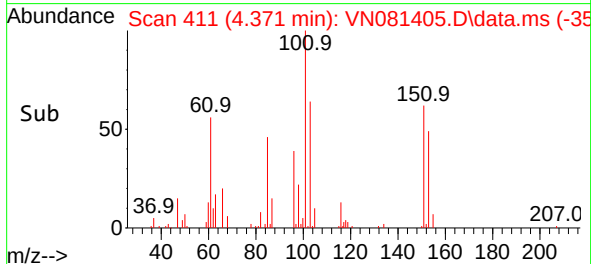
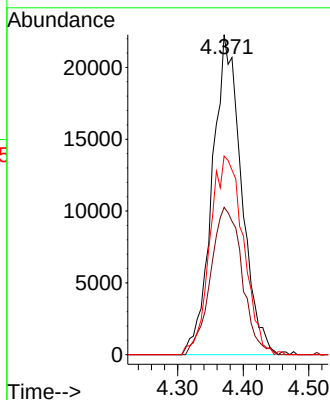
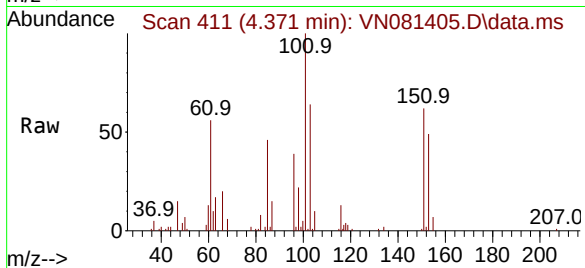
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.575 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion:101 Resp: 6876
Ion Ratio Lower Upper
101 100
85 49.9 38.1 57.1
151 71.0 49.1 73.7

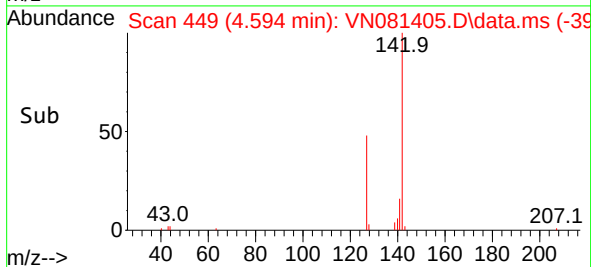
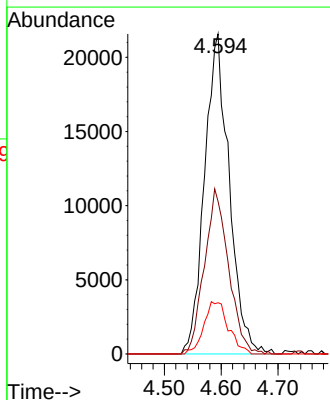
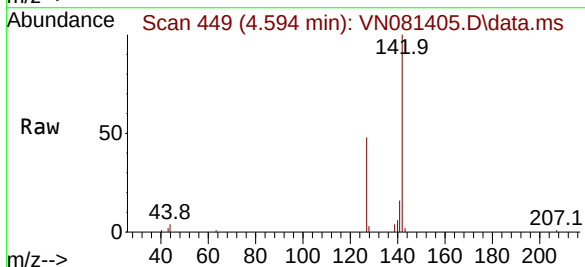
Manual Integrations
APPROVED

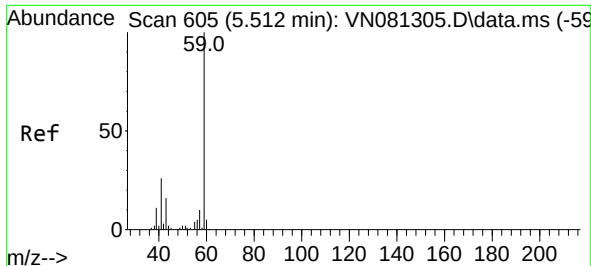
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#10
Methyl Iodide
Concen: 19.192 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

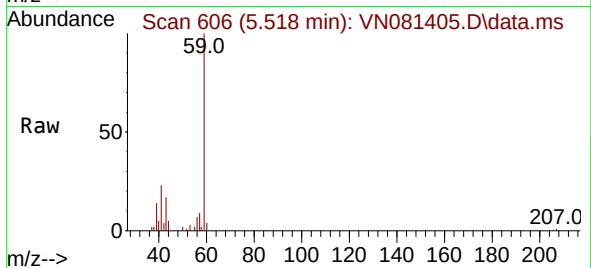
Tgt Ion:142 Resp: 65015
Ion Ratio Lower Upper
142 100
127 47.7 37.0 55.4
141 16.0 12.5 18.7





#11
Tert butyl alcohol
Concen: 98.195 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

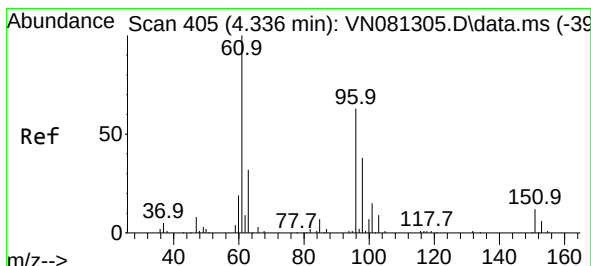
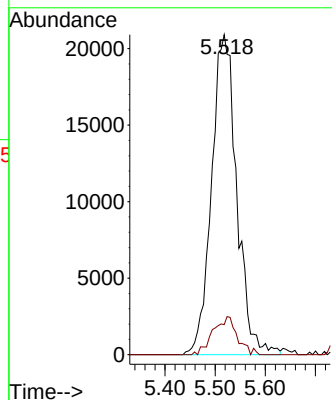
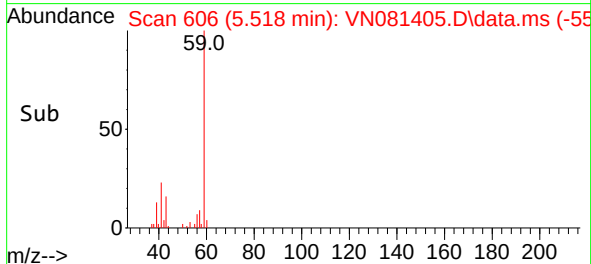
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



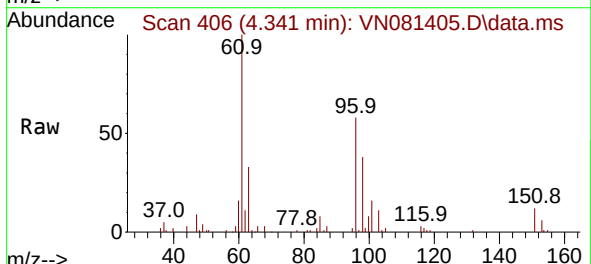
Tgt Ion: 59 Resp: 7303
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8

Manual Integrations
APPROVED

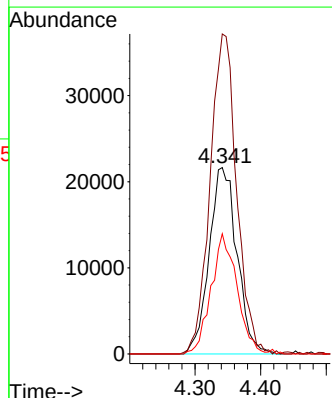
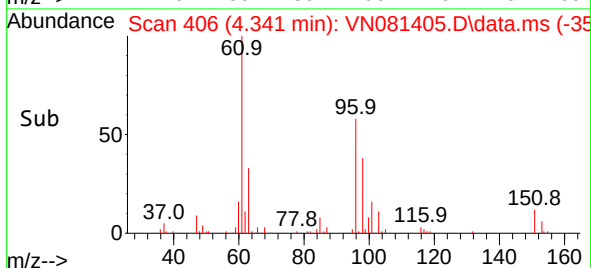
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

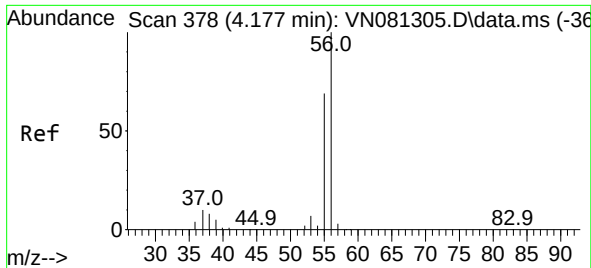


#12
1,1-Dichloroethene
Concen: 18.591 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



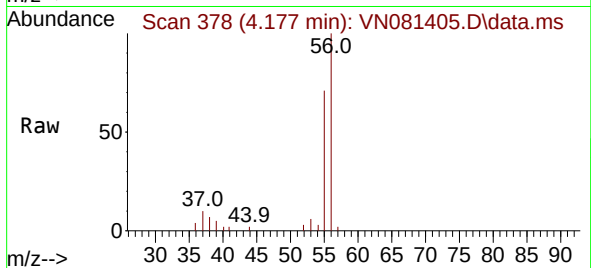
Tgt Ion: 96 Resp: 63733
Ion Ratio Lower Upper
96 100
61 171.7 138.2 207.4
98 64.4 49.2 73.8





#13
Acrolein
Concen: 82.241 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

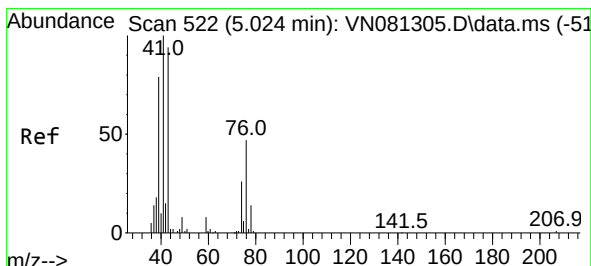
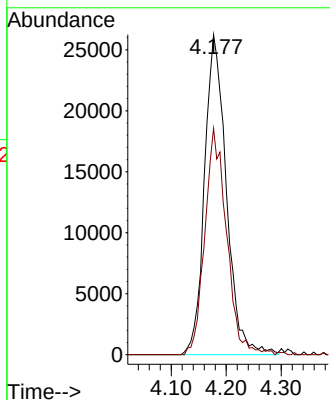
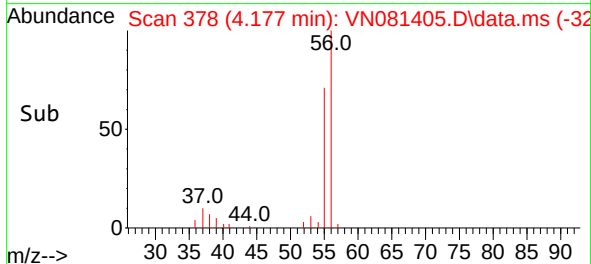
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 56 Resp: 7242
Ion Ratio Lower Upper
56 100
55 70.0 55.3 82.9

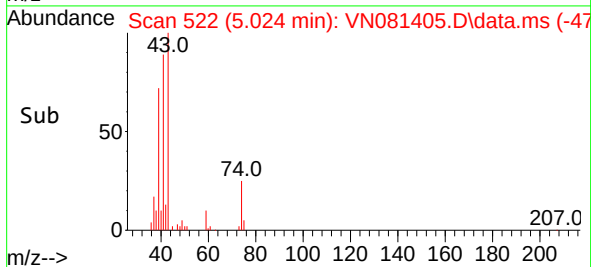
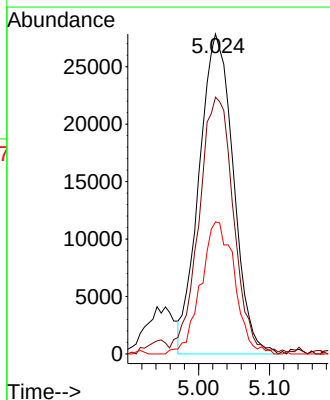
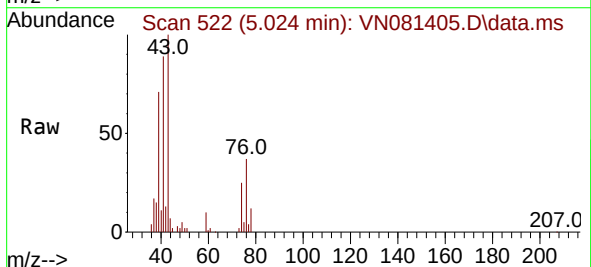
Manual Integrations
APPROVED

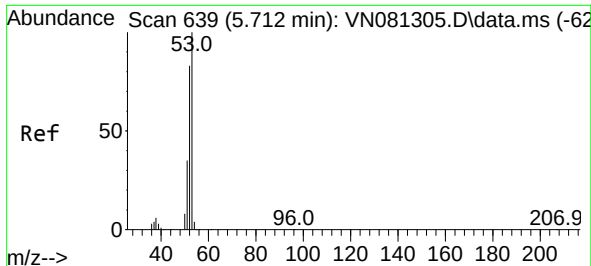
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#14
Allyl chloride
Concen: 18.359 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

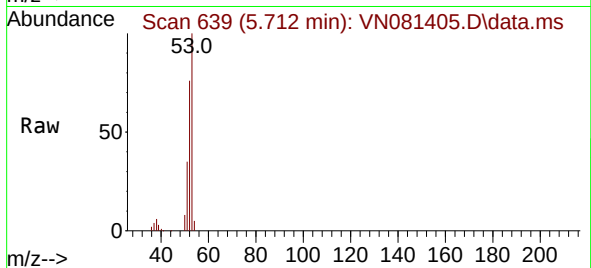
Tgt Ion: 41 Resp: 93402
Ion Ratio Lower Upper
41 100
39 79.9 57.7 86.5
76 40.6 26.8 40.2#





#15
Acrylonitrile
Concen: 99.796 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

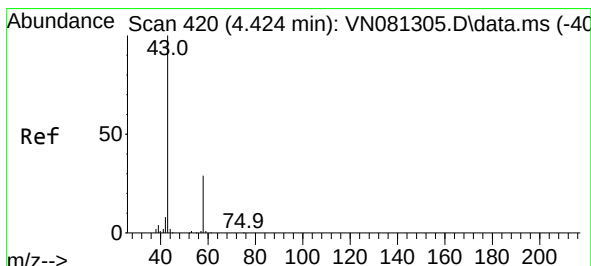
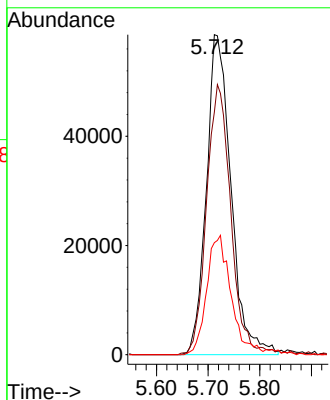
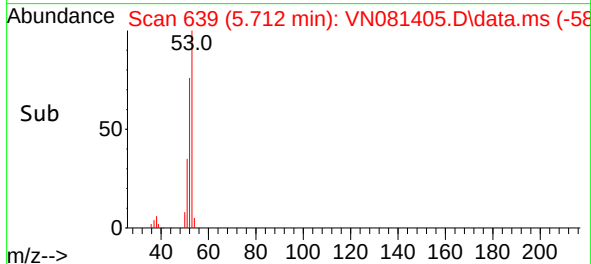
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 53 Resp: 19389
Ion Ratio Lower Upper
53 100
52 83.3 64.8 97.2
51 36.8 26.9 40.3

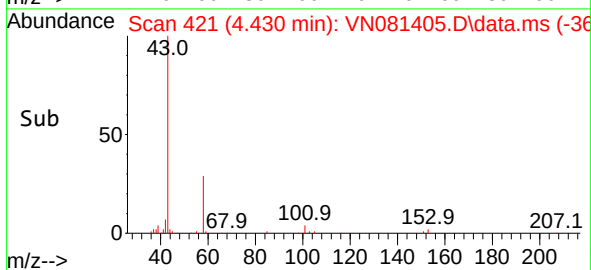
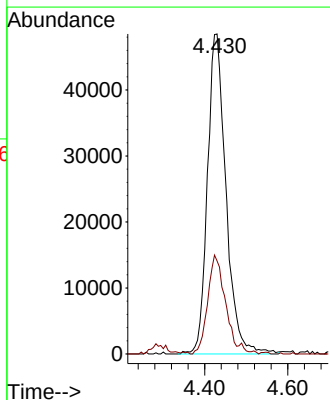
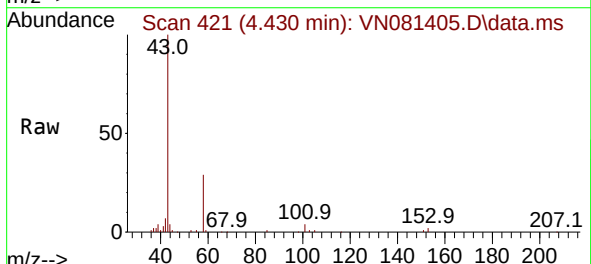
Manual Integrations
APPROVED

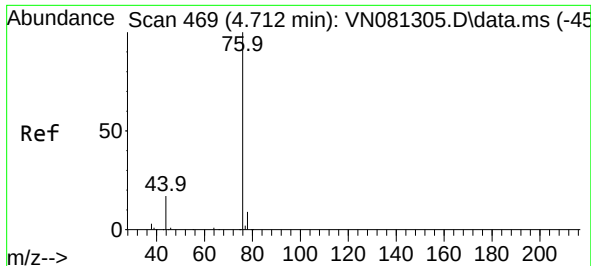
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#16
Acetone
Concen: 99.768 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

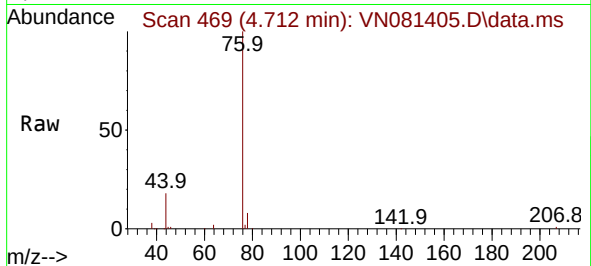
Tgt Ion: 43 Resp: 150349
Ion Ratio Lower Upper
43 100
58 29.0 24.8 37.2





#17
Carbon Disulfide
Concen: 16.694 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

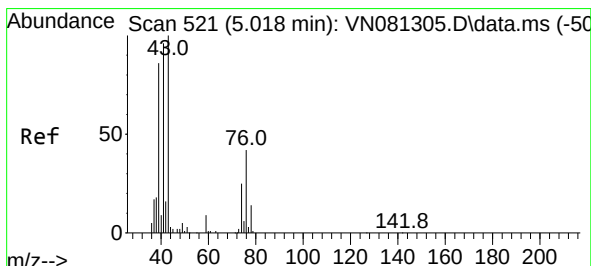
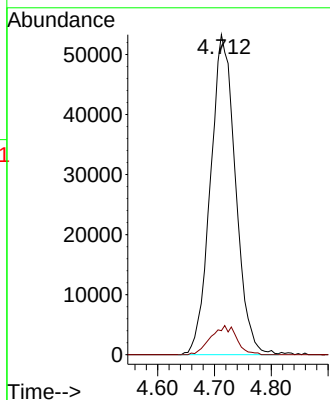
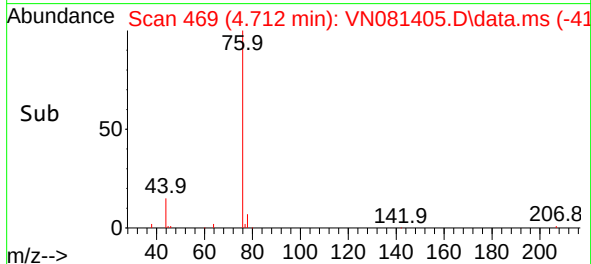
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 76 Resp: 16334
Ion Ratio Lower Upper
76 100
78 7.5 6.3 9.5

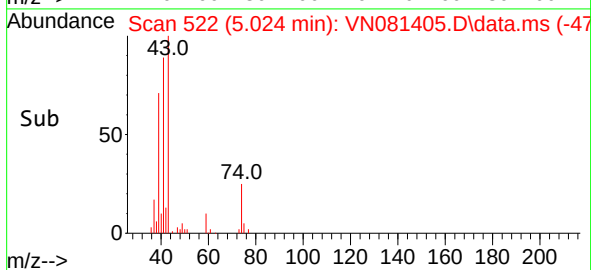
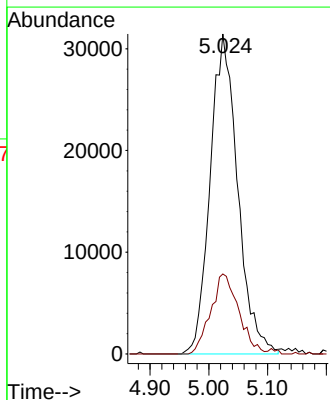
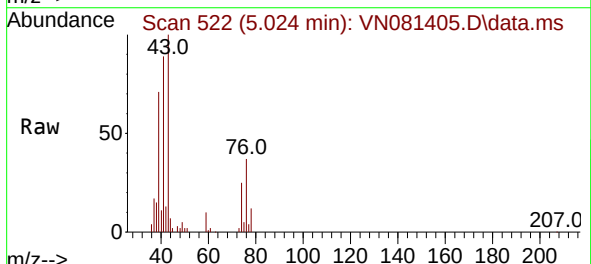
Manual Integrations
APPROVED

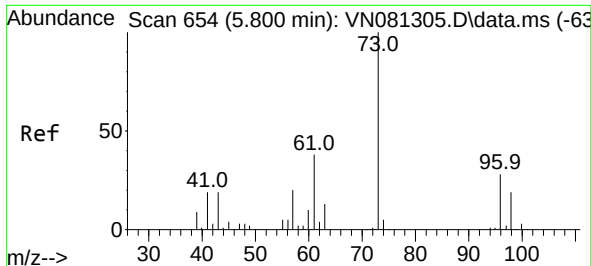
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#18
Methyl Acetate
Concen: 23.676 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

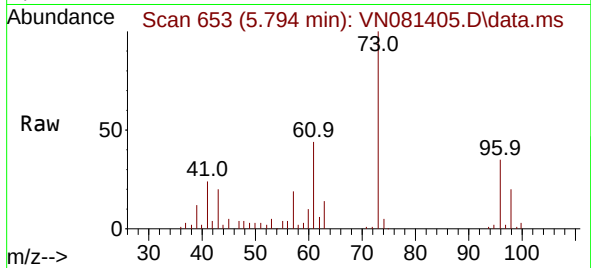
Tgt Ion: 43 Resp: 102154
Ion Ratio Lower Upper
43 100
74 25.3 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 19.978 ug/l
RT: 5.794 min Scan# 654
Delta R.T. -0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

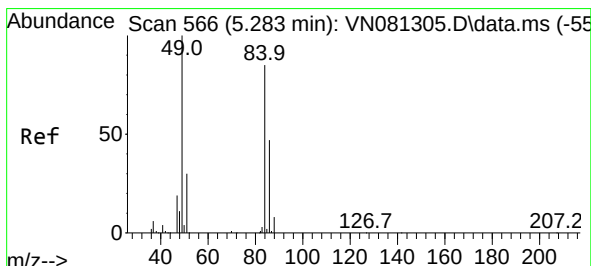
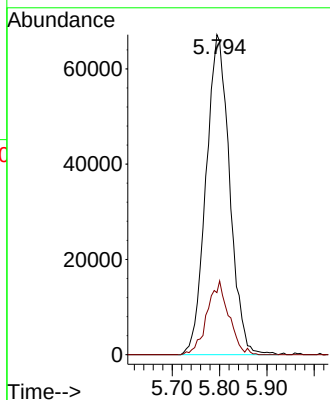
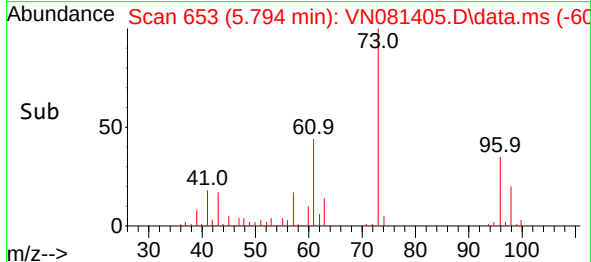
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 73 Resp: 232280
Ion Ratio Lower Upper
73 100
57 19.4 18.2 27.4

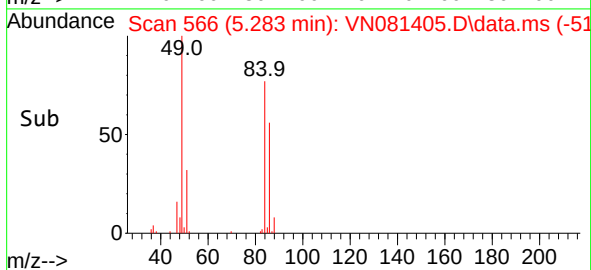
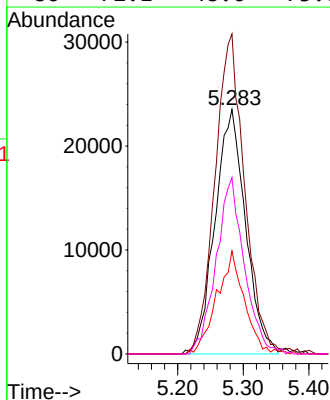
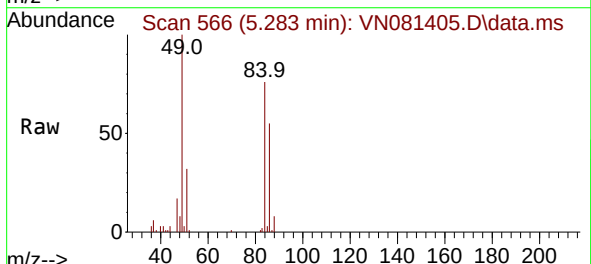
Manual Integrations
APPROVED

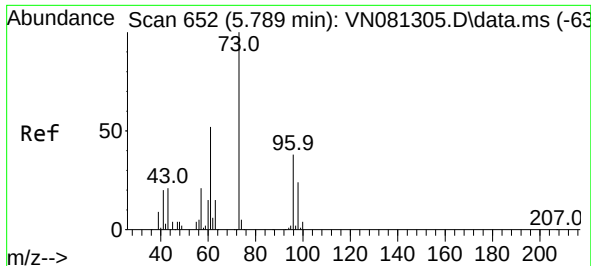
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#20
Methylene Chloride
Concen: 19.910 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

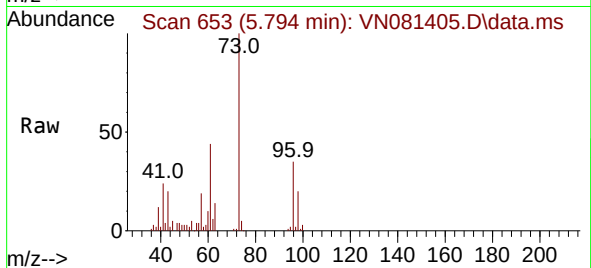
Tgt Ion: 84 Resp: 75934
Ion Ratio Lower Upper
84 100
49 130.9 108.1 162.1
51 42.1 32.9 49.3
86 72.1 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.044 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

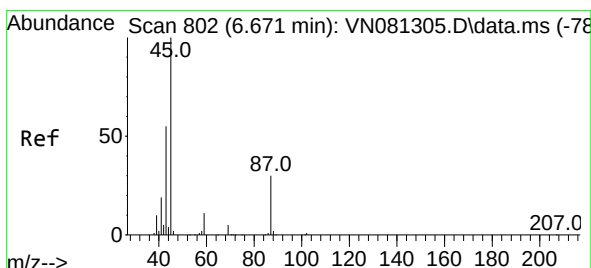
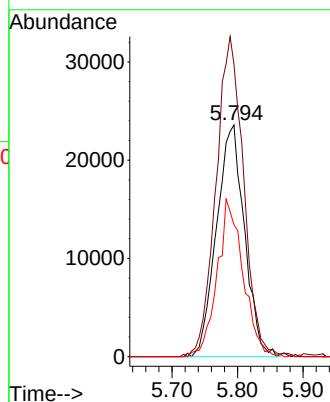
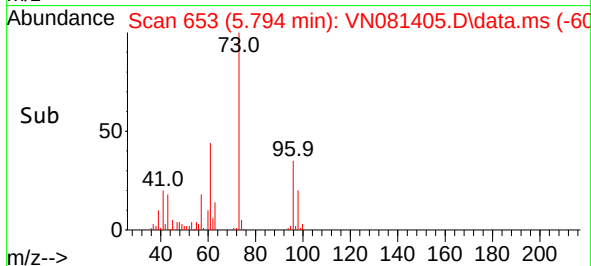
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 96 Resp: 6974
Ion Ratio Lower Upper
96 100
61 126.4 112.8 169.2
98 57.0 51.0 76.4

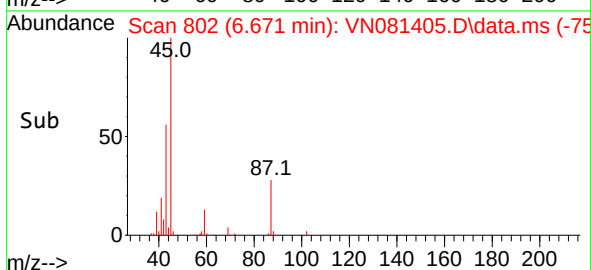
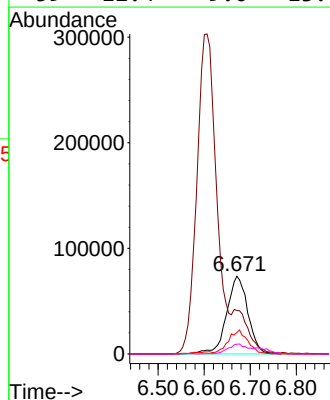
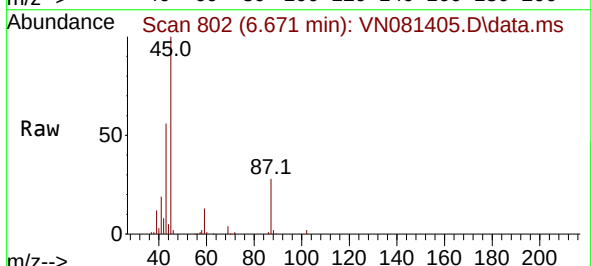
Manual Integrations
APPROVED

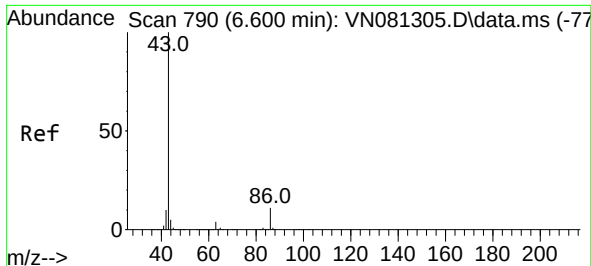
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#22
Diisopropyl ether
Concen: 20.780 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

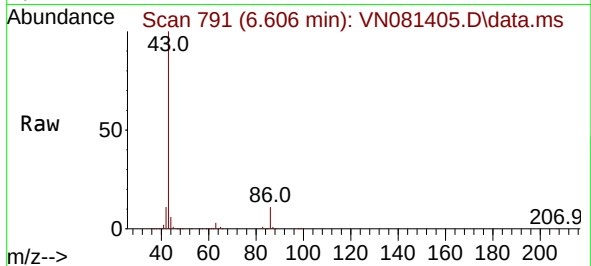
Tgt Ion: 45 Resp: 234813
Ion Ratio Lower Upper
45 100
43 54.8 41.8 62.8
87 27.6 18.1 27.1#
59 12.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 98.536 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081405.D
 Acq: 14 Mar 2024 13:18

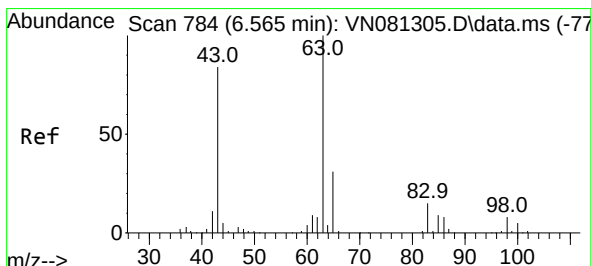
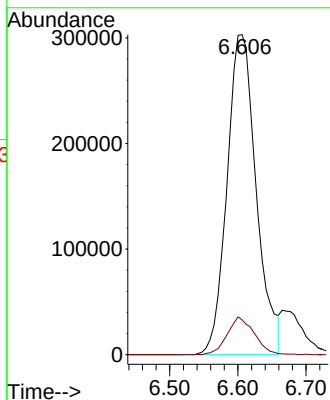
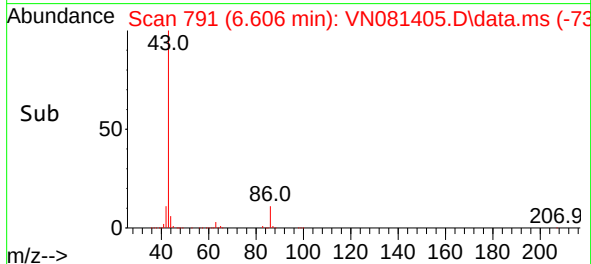
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01



Tgt Ion: 43 Resp: 90456
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

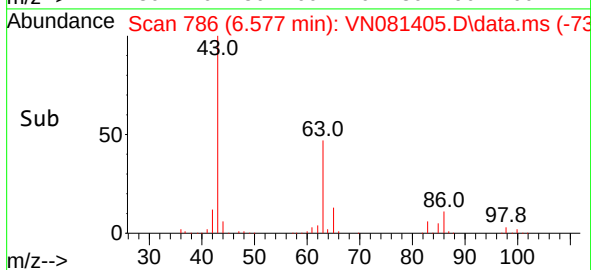
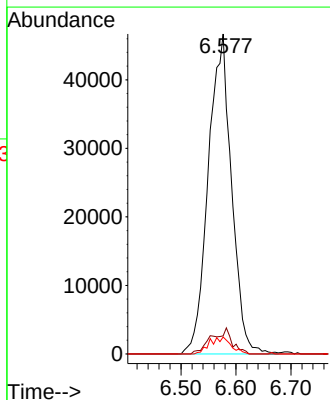
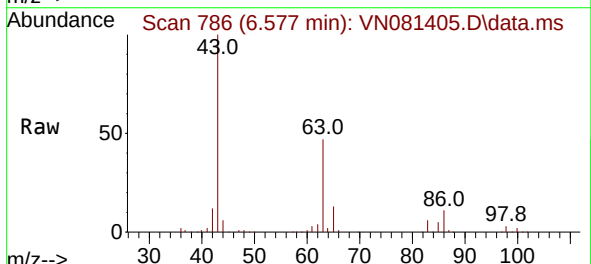
Manual Integrations
 APPROVED

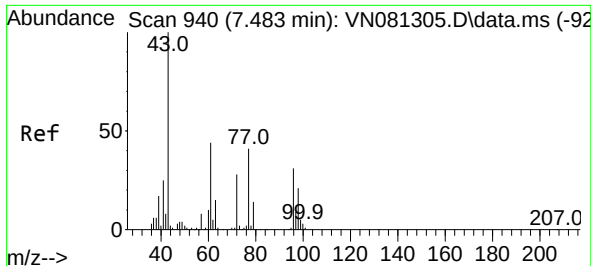
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024



#24
 1,1-Dichloroethane
 Concen: 19.844 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.012 min
 Lab File: VN081405.D
 Acq: 14 Mar 2024 13:18

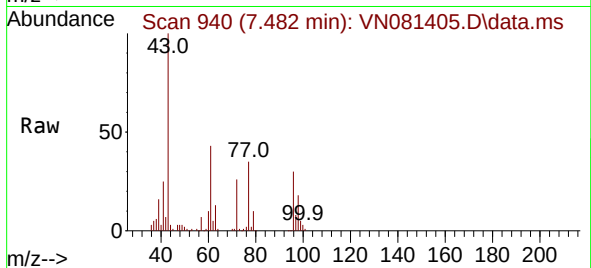
Tgt Ion: 63 Resp: 137269
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 5.3 1.9 5.7





#25
2-Butanone
Concen: 98.004 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

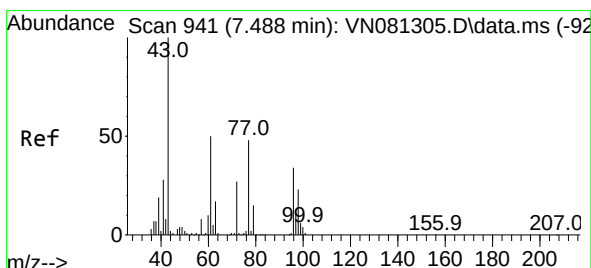
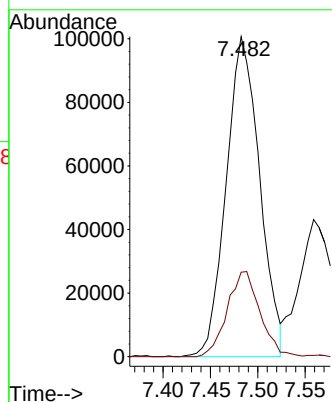
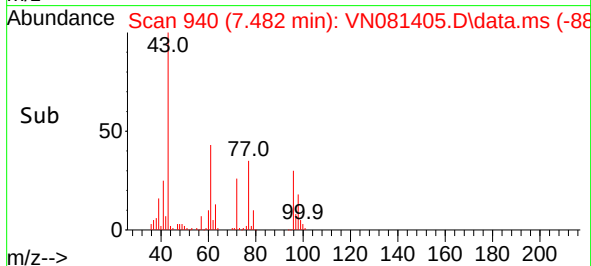
Instrument :
MSVOA_N
Client Sample Id :
VN0314WBSD01



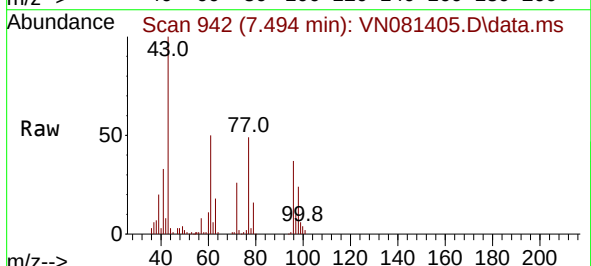
Tgt Ion: 43 Resp: 247336
Ion Ratio Lower Upper
43 100
72 26.4 19.5 29.3

Manual Integrations
APPROVED

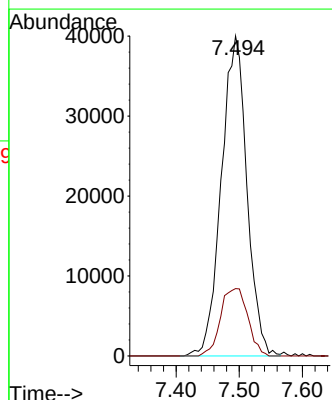
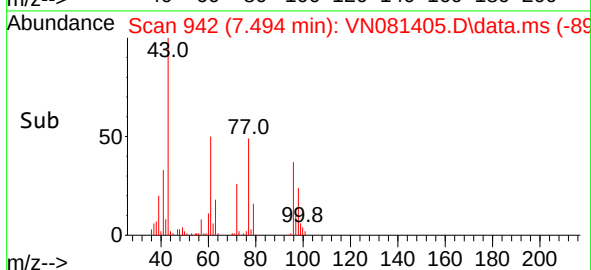
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

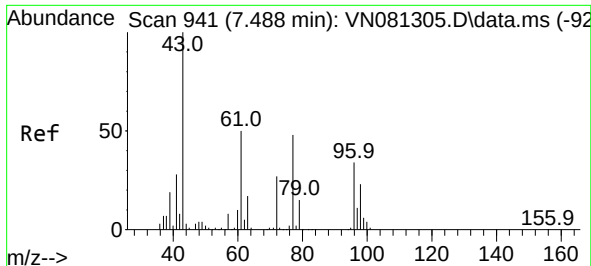


#26
2,2-Dichloropropane
Concen: 18.419 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



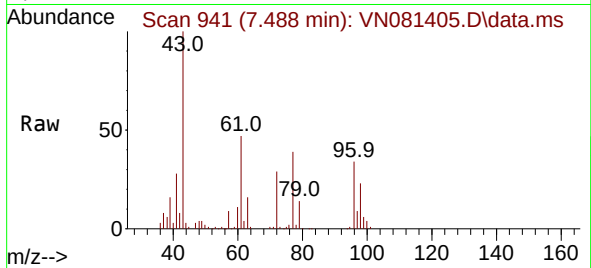
Tgt Ion: 77 Resp: 112607
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.202 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN081405.D
 Acq: 14 Mar 2024 13:18

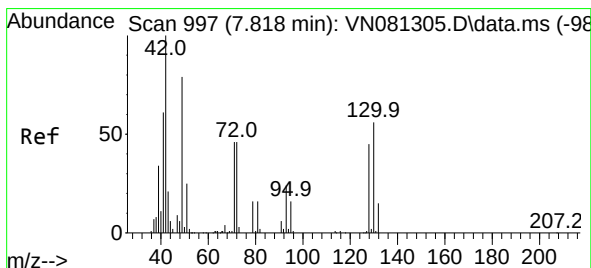
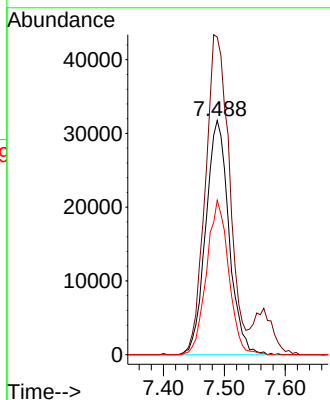
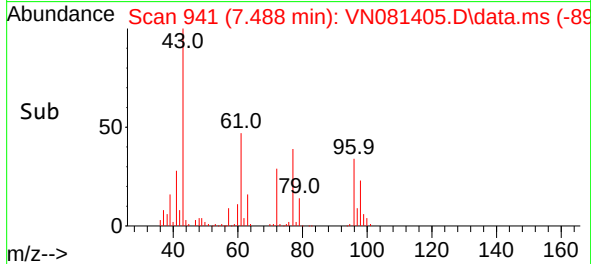
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01



Tgt Ion: 96 Resp: 8414
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 325.4
 98 62.8 0.0 130.4

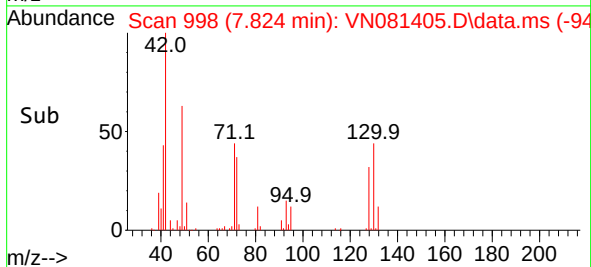
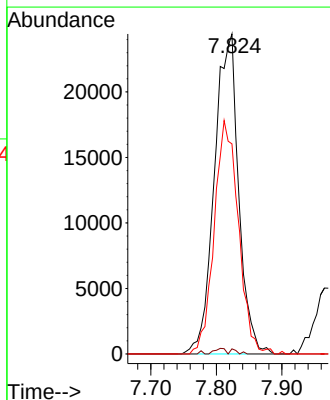
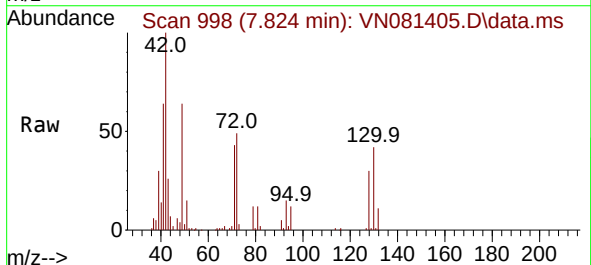
Manual Integrations
 APPROVED

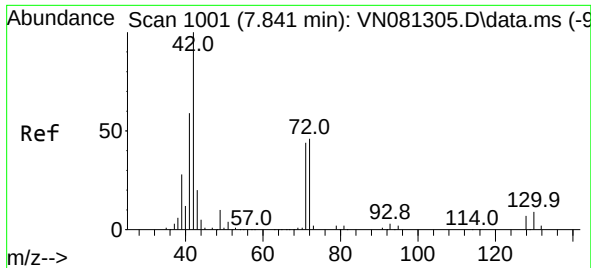
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024



#28
 Bromochloromethane
 Concen: 21.149 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN081405.D
 Acq: 14 Mar 2024 13:18

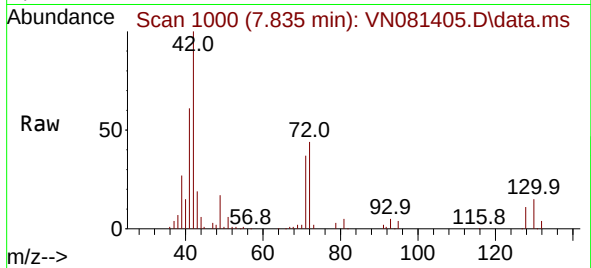
Tgt Ion: 49 Resp: 62598
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 1.6
 130 0.0 42.3 63.5#





#29
Tetrahydrofuran
Concen: 96.279 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

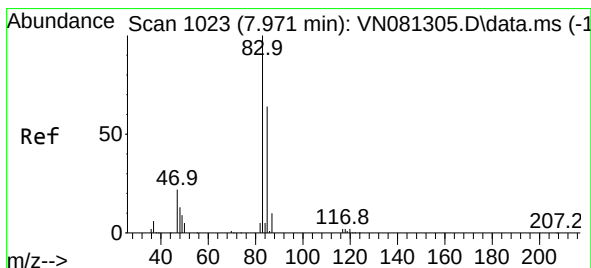
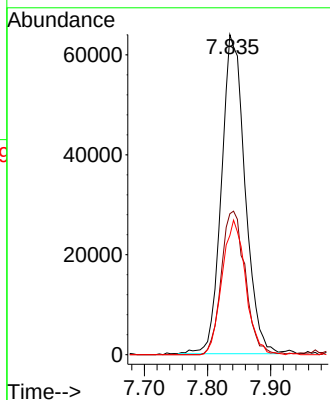
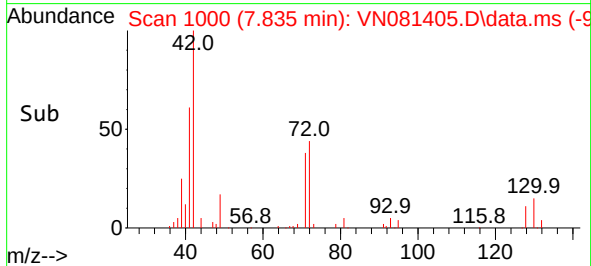
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



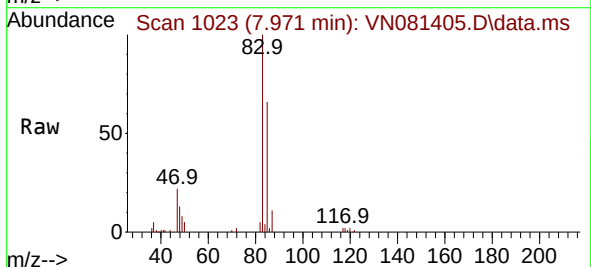
Tgt Ion: 42 Resp: 165689
Ion Ratio Lower Upper
42 100
72 45.8 31.1 46.7
71 42.2 28.3 42.5

Manual Integrations
APPROVED

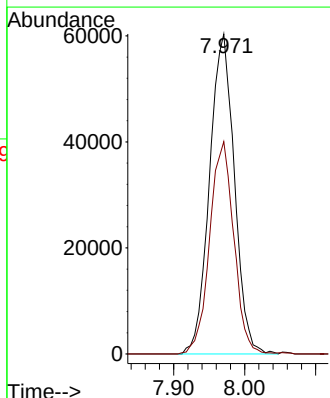
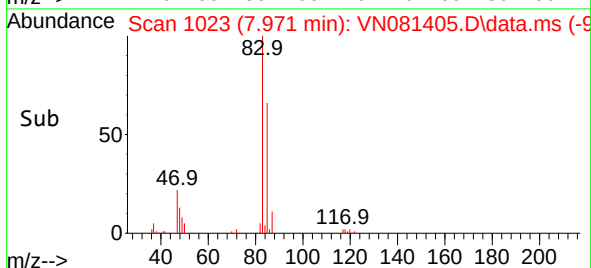
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

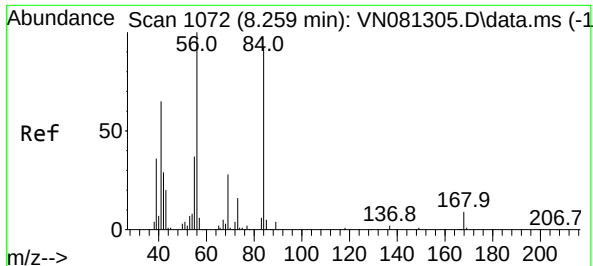


#30
Chloroform
Concen: 20.407 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



Tgt Ion: 83 Resp: 146490
Ion Ratio Lower Upper
83 100
85 66.3 51.0 76.6





#31

Cyclohexane

Concen: 17.373 ug/l

RT: 8.265 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN081405.D

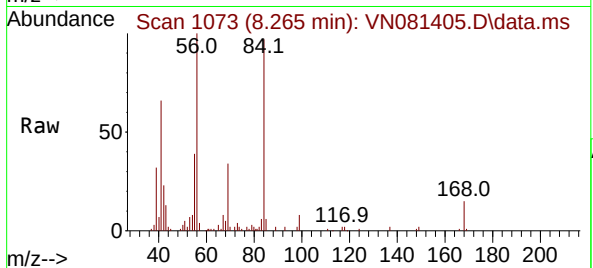
Acq: 14 Mar 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01



Tgt Ion: 56 Resp: 111872

Ion Ratio Lower Upper

56 100

69 34.1 20.1 30.1

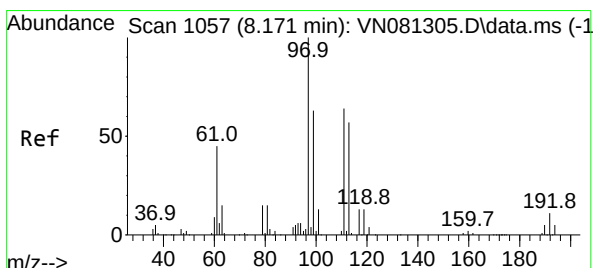
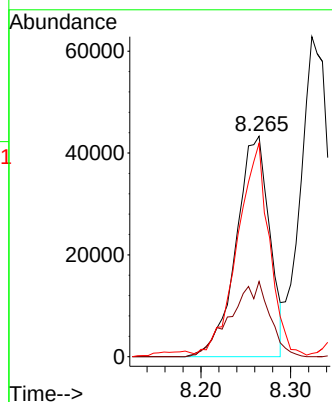
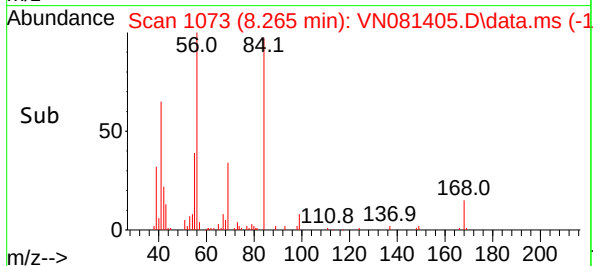
84 94.6 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#32

1,1,1-Trichloroethane

Concen: 19.687 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

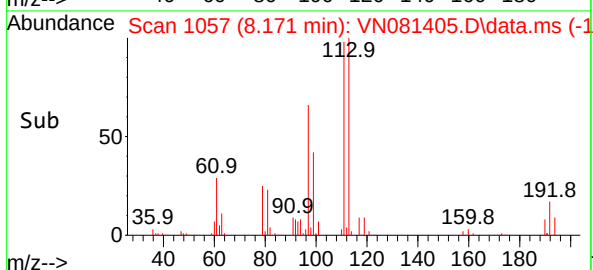
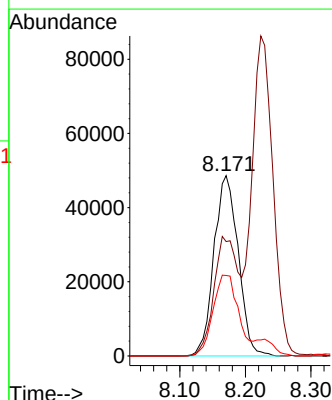
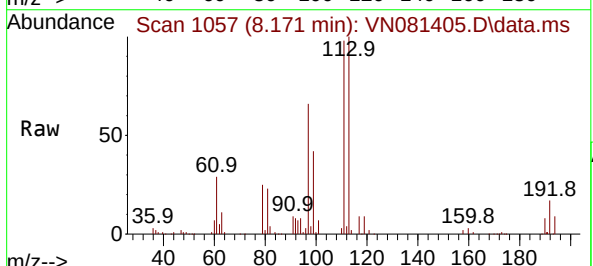
Tgt Ion: 97 Resp: 124915

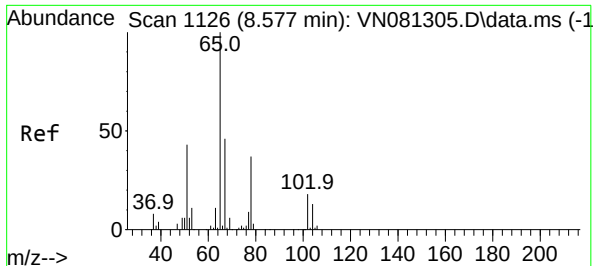
Ion Ratio Lower Upper

97 100

99 66.3 53.4 80.0

61 47.4 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 54.556 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 65 Resp: 23204

Ion Ratio Lower Upper

65 100

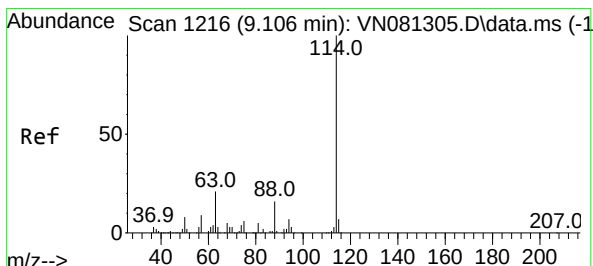
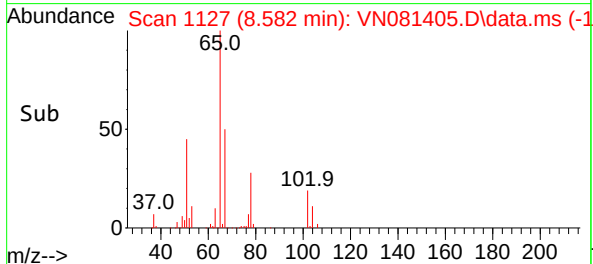
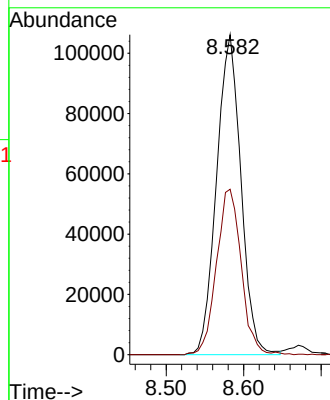
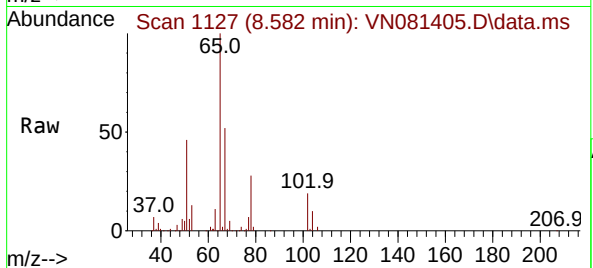
67 52.4 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

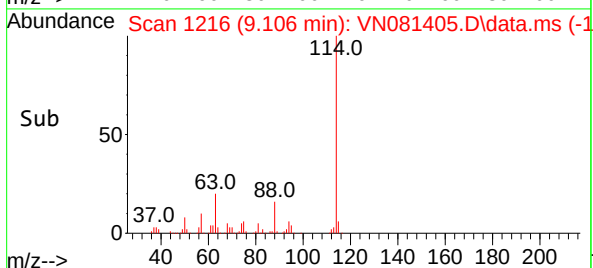
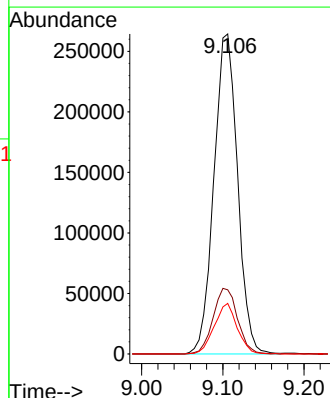
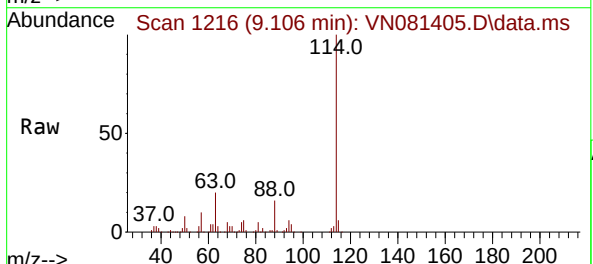
Tgt Ion:114 Resp: 534919

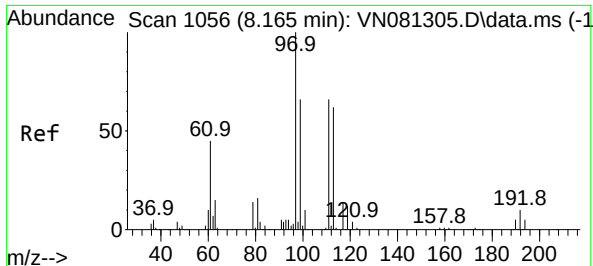
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

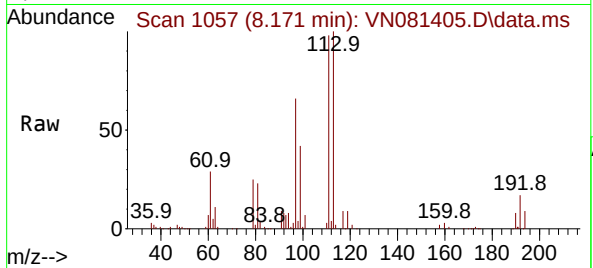
88 15.8 0.0 34.8





#35
Dibromofluoromethane
Concen: 52.702 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

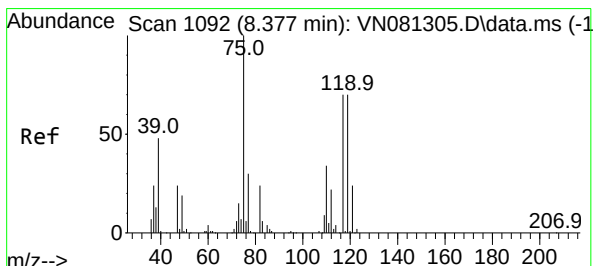
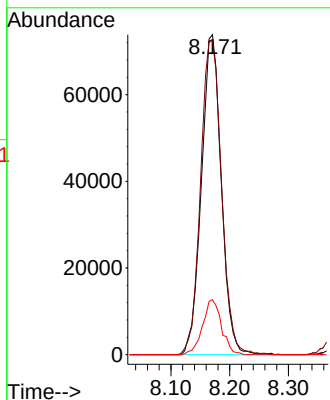
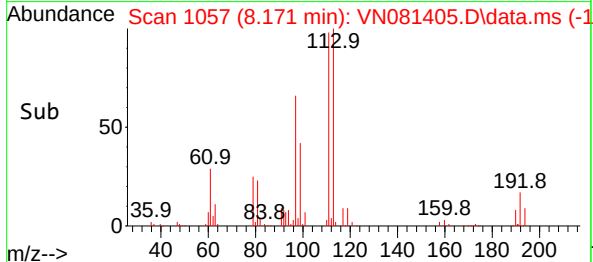
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 113 Resp: 172719
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 16.4 12.5 18.7

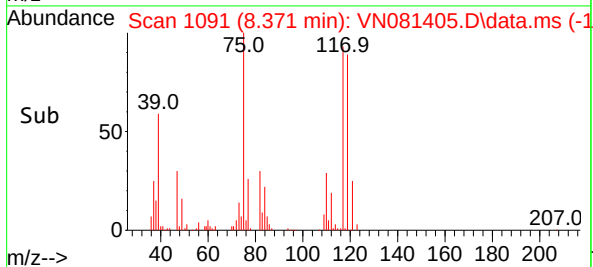
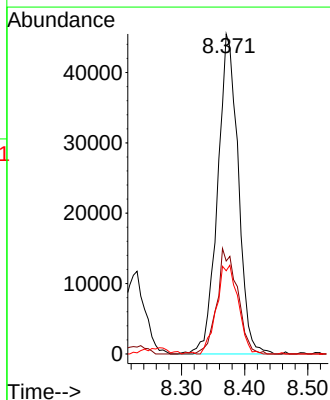
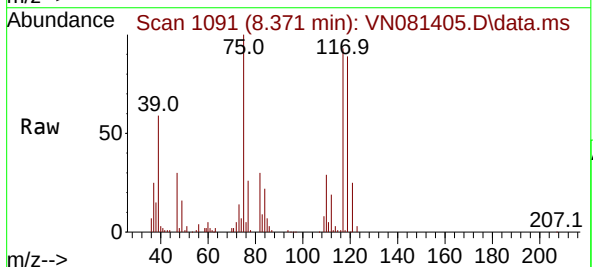
Manual Integrations
APPROVED

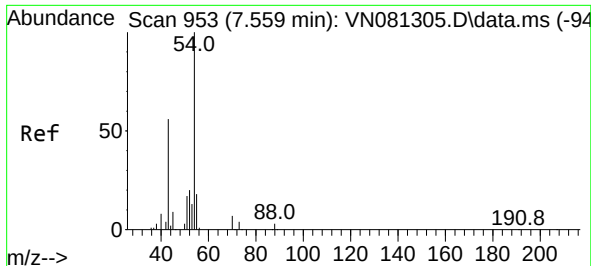
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#36
1,1-Dichloropropene
Concen: 19.484 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

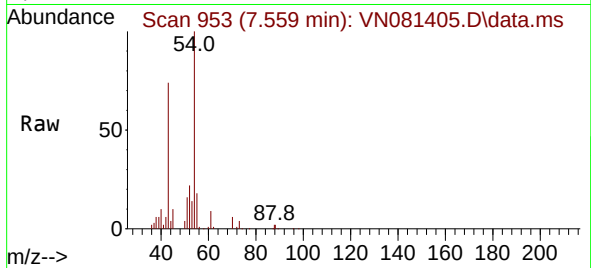
Tgt Ion: 75 Resp: 103017
Ion Ratio Lower Upper
75 100
110 32.9 16.0 48.0
77 29.2 25.8 38.6





#37
Ethyl Acetate
Concen: 20.271 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

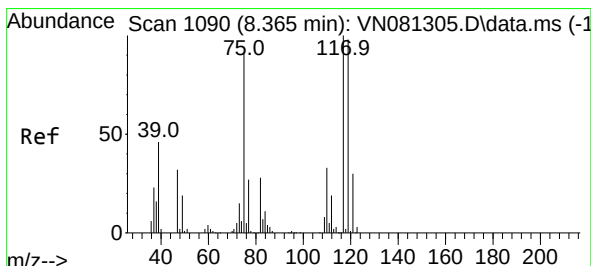
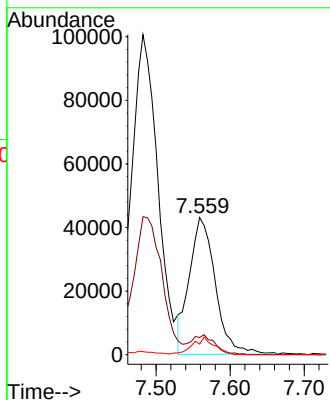
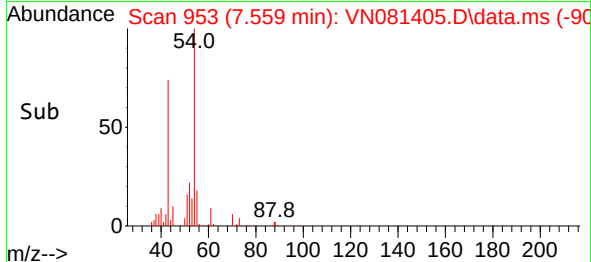
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 43 Resp: 10477
Ion Ratio Lower Upper
43 100
61 12.6 10.6 15.8
70 10.5 8.0 12.0

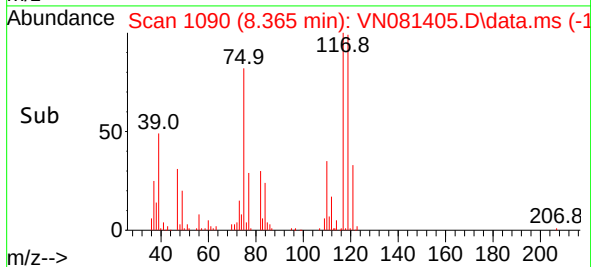
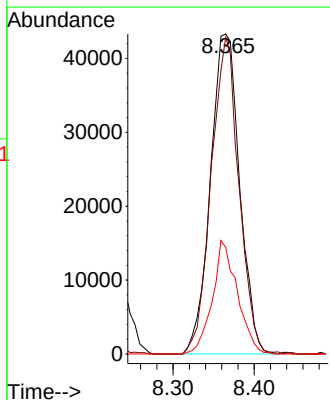
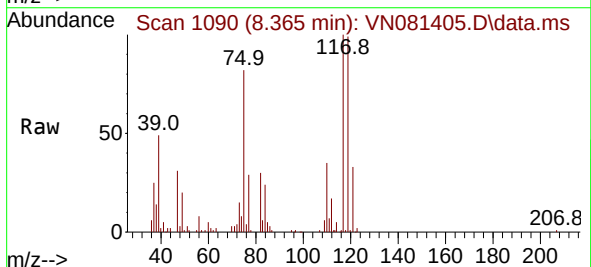
Manual Integrations
APPROVED

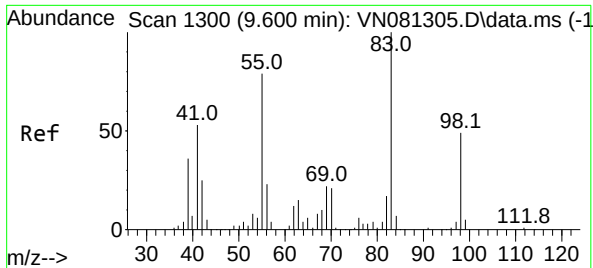
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#38
Carbon Tetrachloride
Concen: 20.335 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Tgt Ion:117 Resp: 108209
Ion Ratio Lower Upper
117 100
119 99.0 73.4 110.2
121 33.3 24.4 36.6





#39

Methylcyclohexane

Concen: 18.150 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 83 Resp: 110440

Ion Ratio Lower Upper

83 100

55 72.1 65.7 98.5

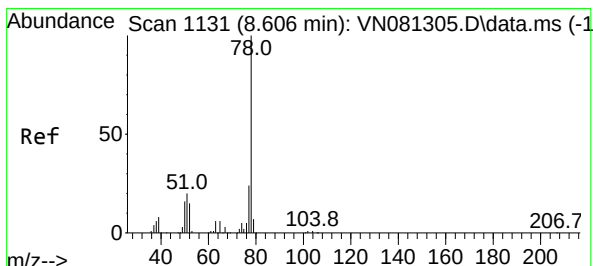
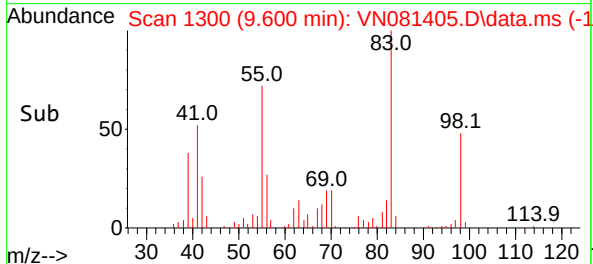
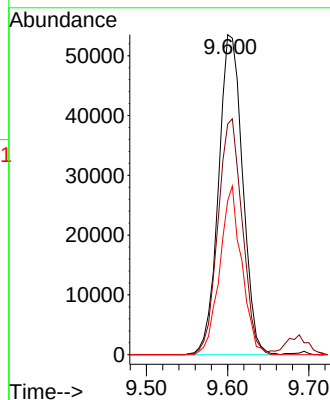
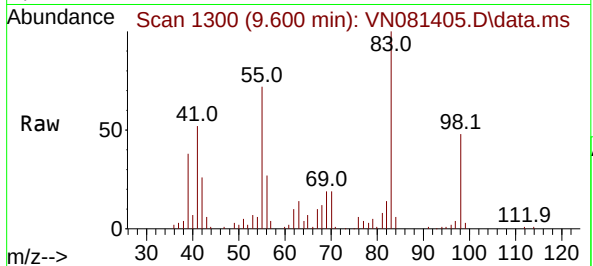
98 48.2 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#40

Benzene

Concen: 19.416 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081405.D

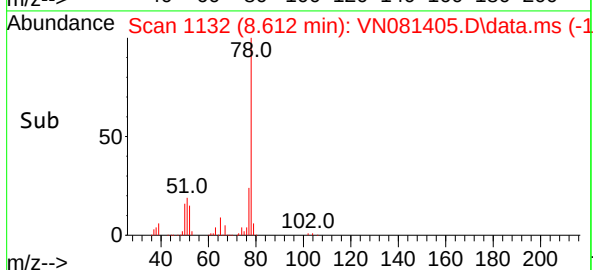
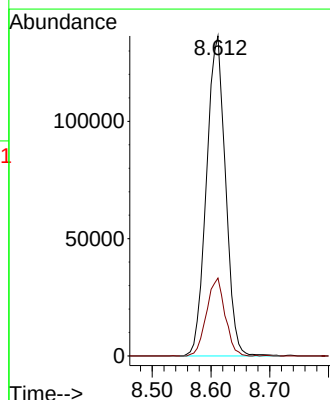
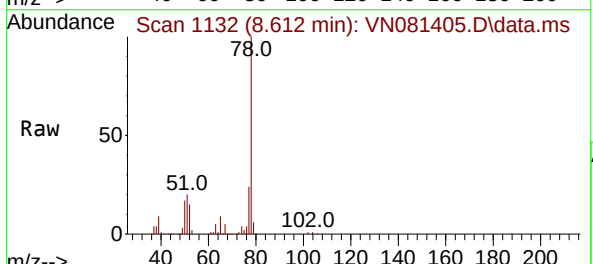
Acq: 14 Mar 2024 13:18

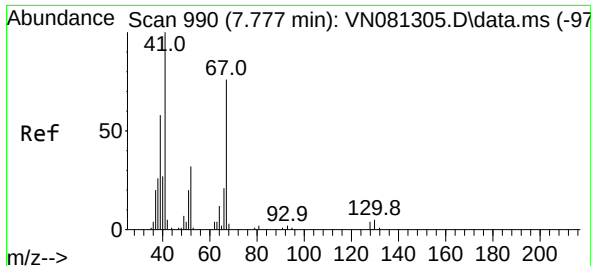
Tgt Ion: 78 Resp: 306421

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6





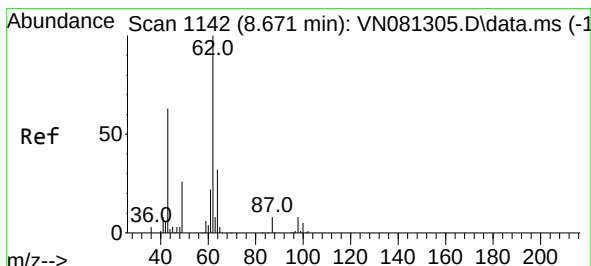
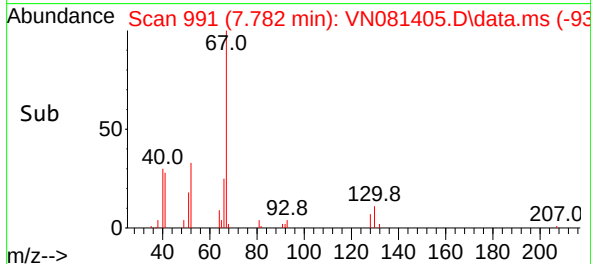
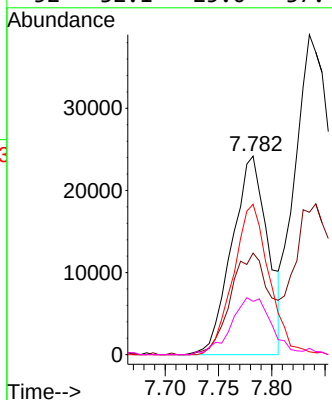
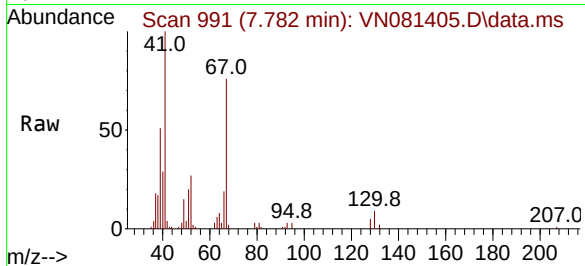
#41
Methacrylonitrile
Concen: 19.510 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 41 Resp: 5694
Ion Ratio Lower Upper
41 100
39 55.6 48.4 72.6
67 75.6 56.8 85.2
52 32.1 25.0 37.4

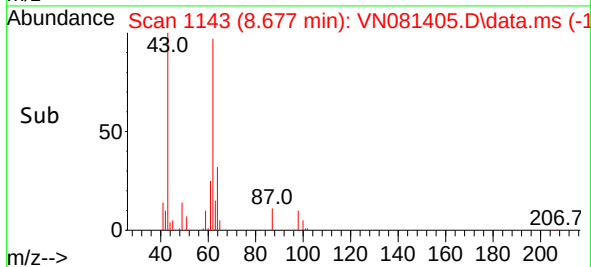
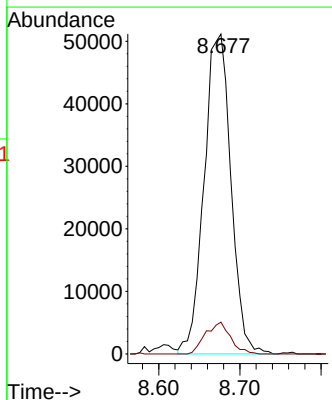
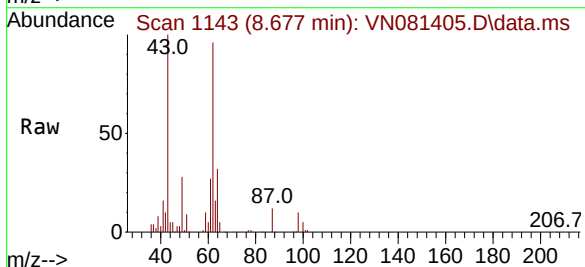
Manual Integrations
APPROVED

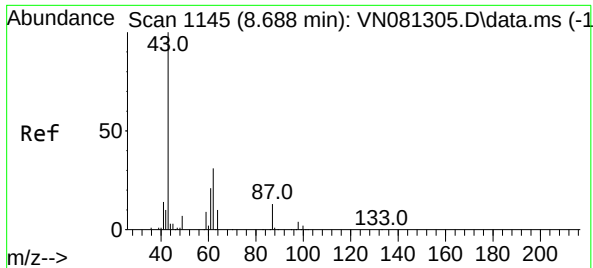
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#42
1,2-Dichloroethane
Concen: 21.131 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

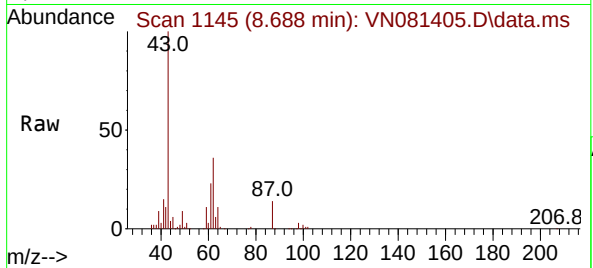
Tgt Ion: 62 Resp: 117579
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.0





#43
Isopropyl Acetate
Concen: 19.904 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

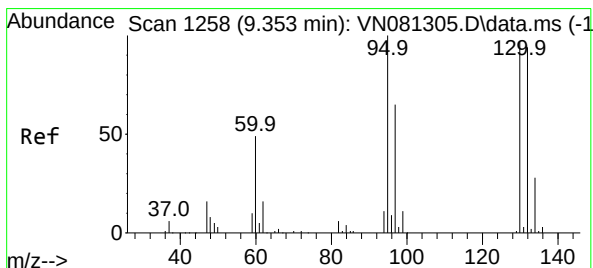
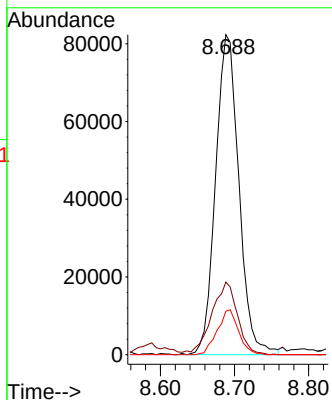
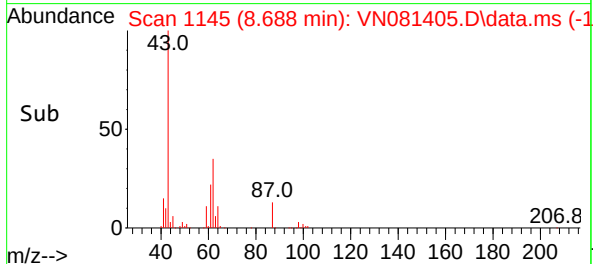
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 43 Resp: 18006
Ion Ratio Lower Upper
43 100
61 25.2 19.9 29.9
87 12.8 9.0 13.6

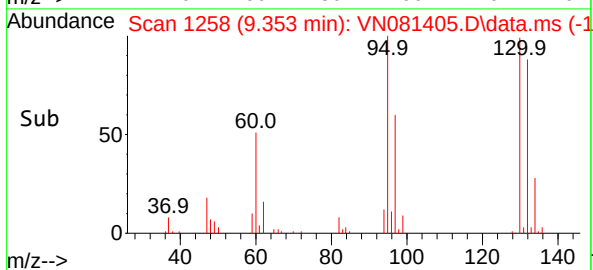
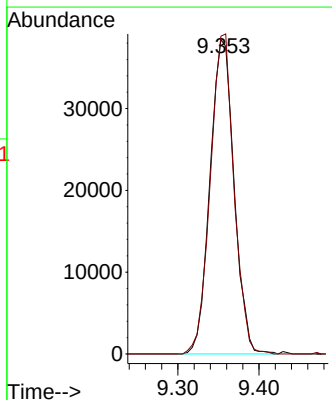
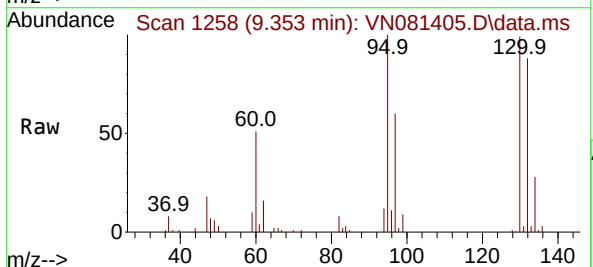
Manual Integrations
APPROVED

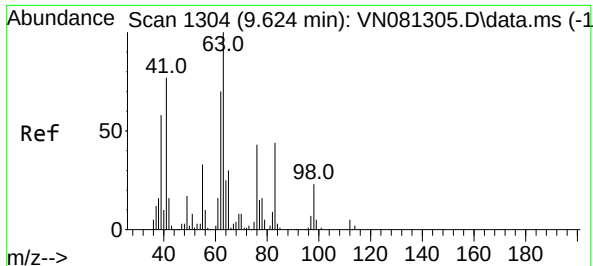
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#44
Trichloroethene
Concen: 19.890 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Tgt Ion:130 Resp: 79168
Ion Ratio Lower Upper
130 100
95 101.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.646 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 63 Resp: 7788

Ion Ratio Lower Upper

63 100

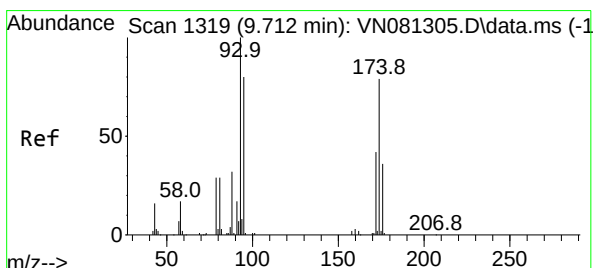
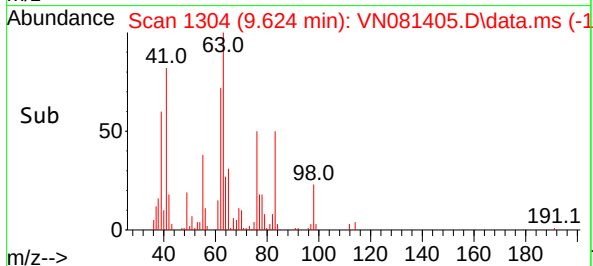
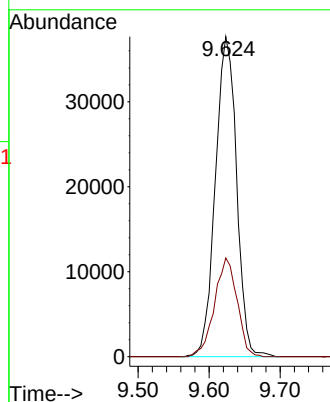
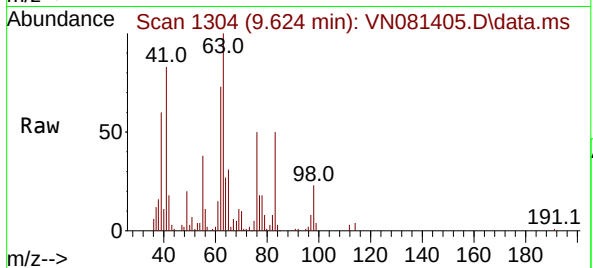
65 30.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#46

Dibromomethane

Concen: 20.899 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

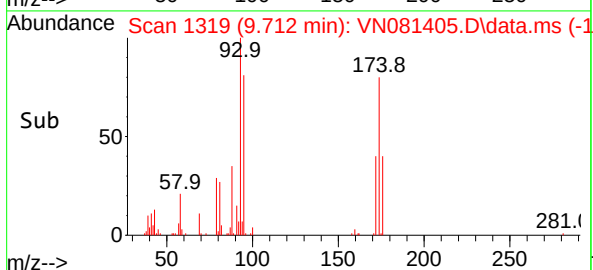
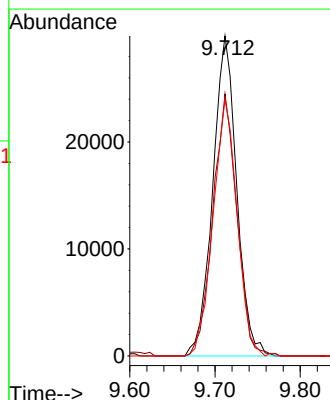
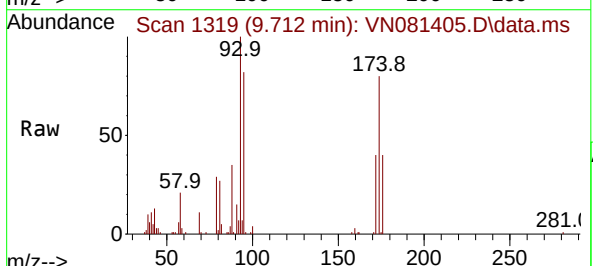
Tgt Ion: 93 Resp: 58402

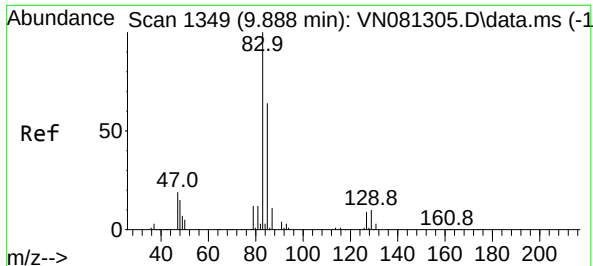
Ion Ratio Lower Upper

93 100

95 82.0 68.1 102.1

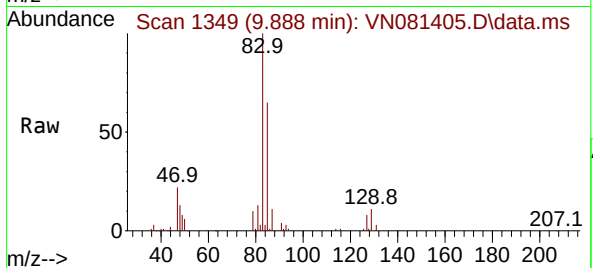
174 80.6 57.2 85.8





#47
Bromodichloromethane
Concen: 20.835 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

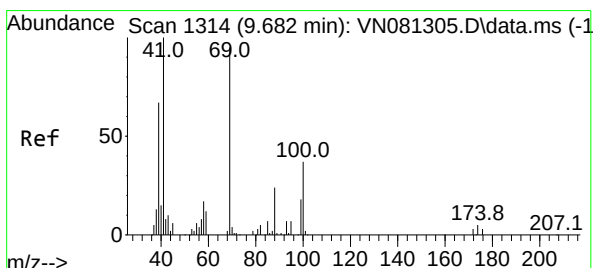
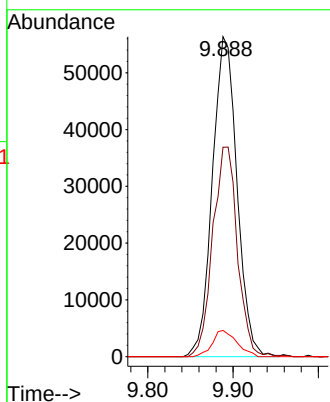
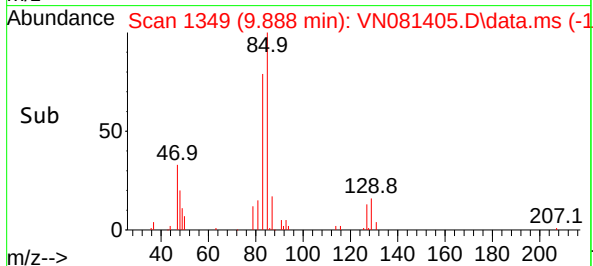
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



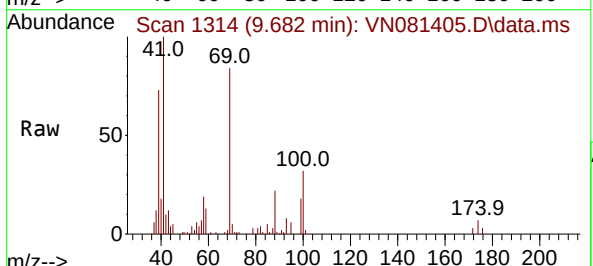
Tgt Ion: 83 Resp: 113029
Ion Ratio Lower Upper
83 100
85 65.4 52.3 78.5
127 8.2 4.6 7.0

Manual Integrations
APPROVED

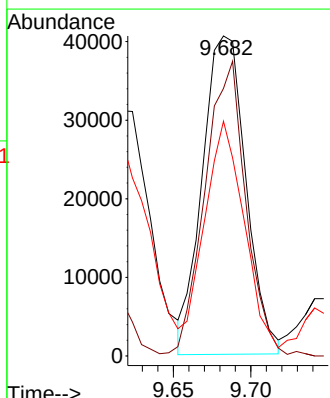
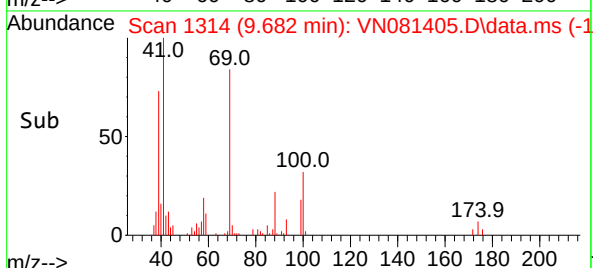
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

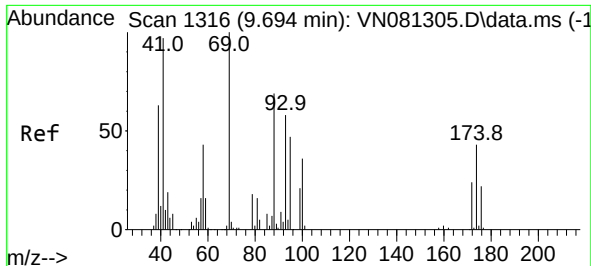


#48
Methyl methacrylate
Concen: 19.851 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



Tgt Ion: 41 Resp: 79379
Ion Ratio Lower Upper
41 100
69 87.1 62.2 93.2
39 68.5 47.6 71.4





#49

1,4-Dioxane

Concen: 387.939 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 88 Resp: 3419

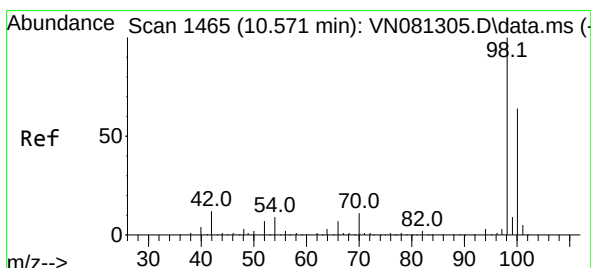
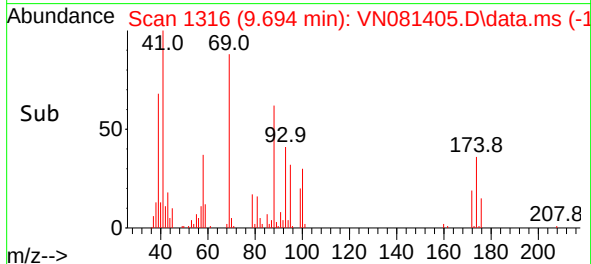
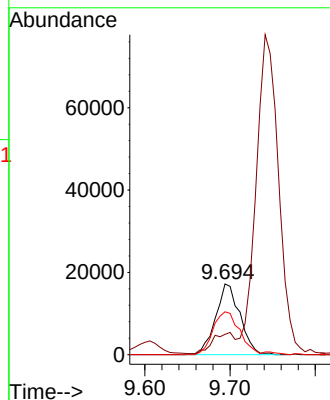
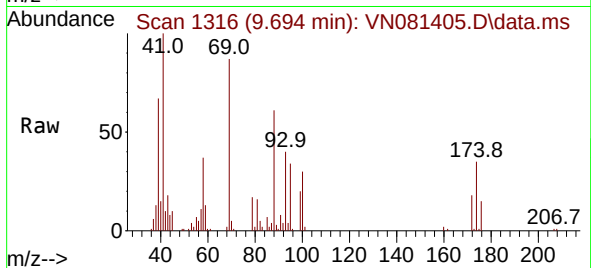
Ion	Ratio	Lower	Upper
88	100		
43	26.5	30.1	45.1
58	65.6	63.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#50

Toluene-d8

Concen: 51.377 ug/l

RT: 10.570 min Scan# 1465

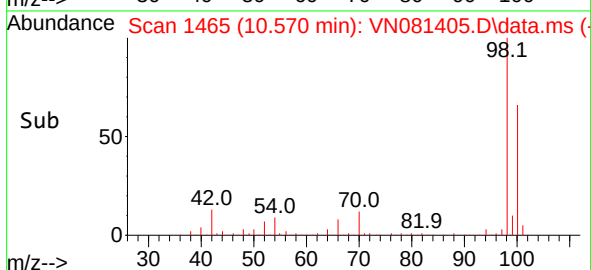
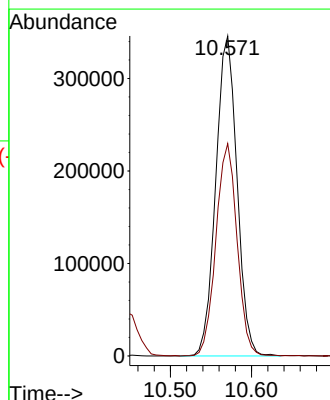
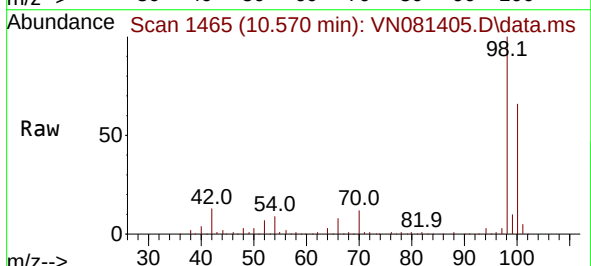
Delta R.T. -0.000 min

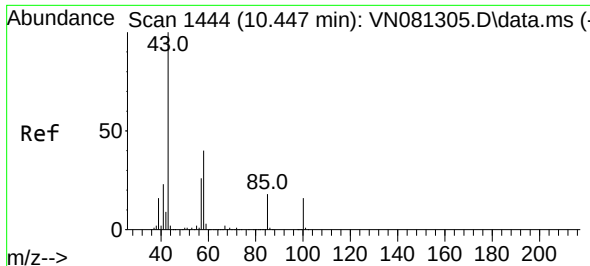
Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

Tgt Ion: 98 Resp: 629428

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.4	77.0





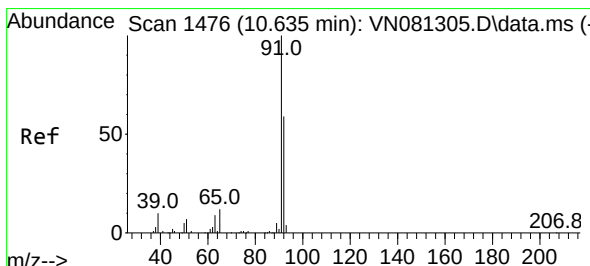
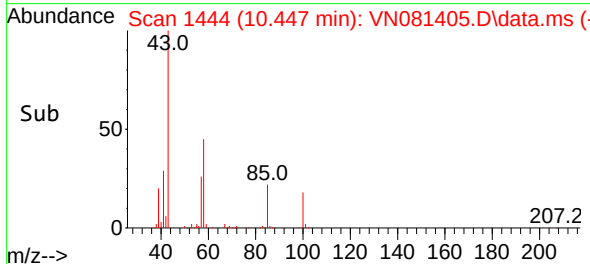
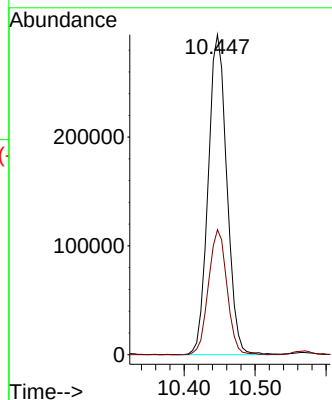
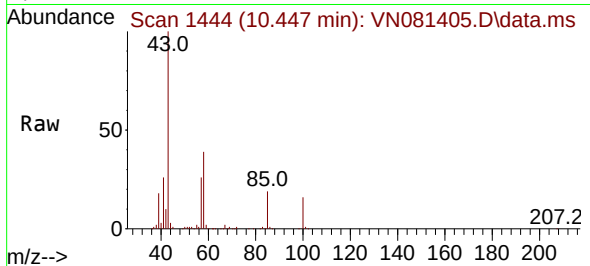
#51
4-Methyl-2-Pentanone
Concen: 102.441 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 43 Resp: 538090
Ion Ratio Lower Upper
43 100
58 38.7 29.4 44.0

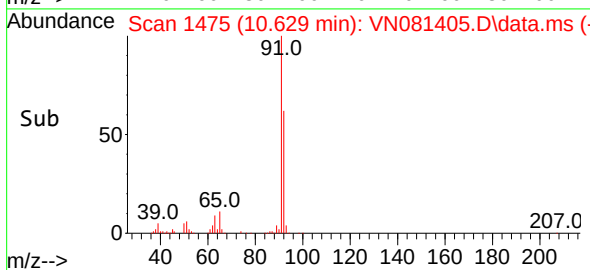
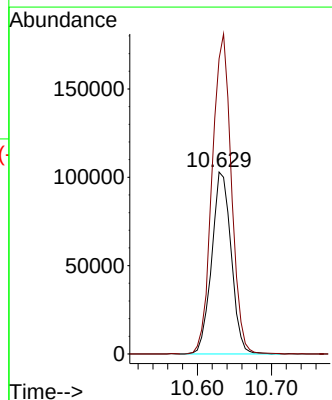
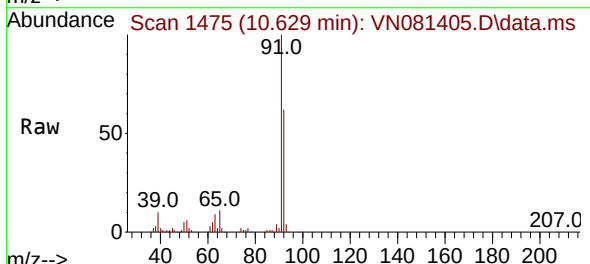
Manual Integrations
APPROVED

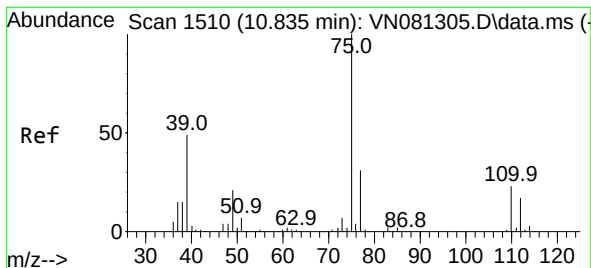
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#52
Toluene
Concen: 19.678 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Tgt Ion: 92 Resp: 187598
Ion Ratio Lower Upper
92 100
91 174.0 139.4 209.0





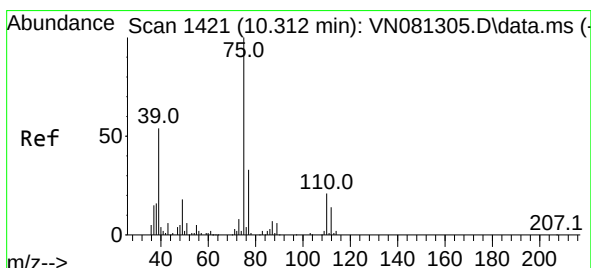
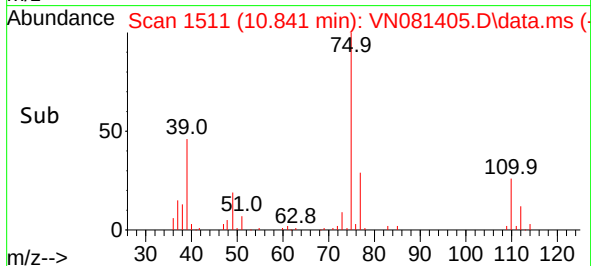
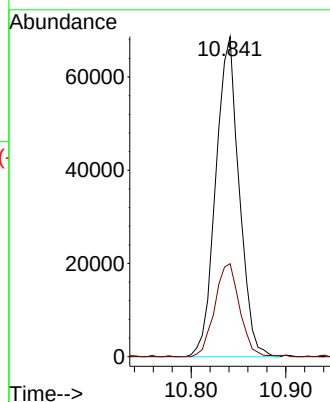
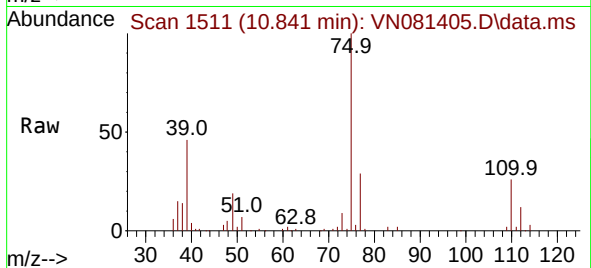
#53
t-1,3-Dichloropropene
Concen: 20.092 ug/l
RT: 10.841 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 75 Resp: 117930
Ion Ratio Lower Upper
75 100
77 29.0 25.5 38.3

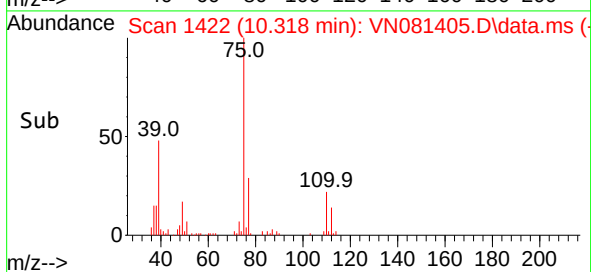
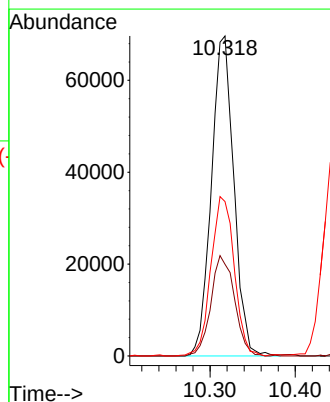
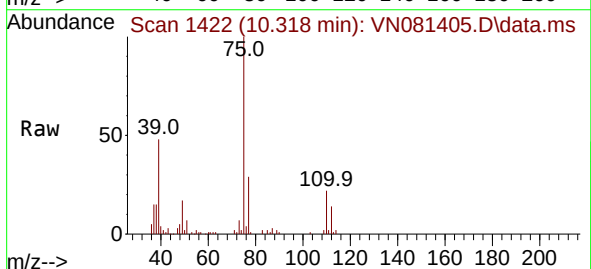
Manual Integrations
APPROVED

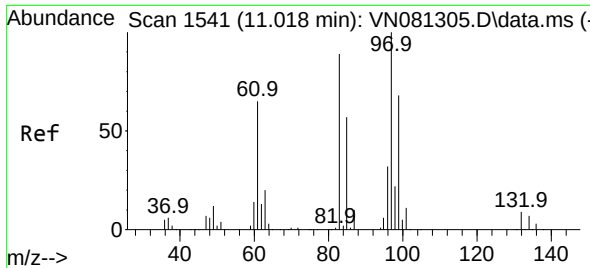
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#54
cis-1,3-Dichloropropene
Concen: 20.117 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

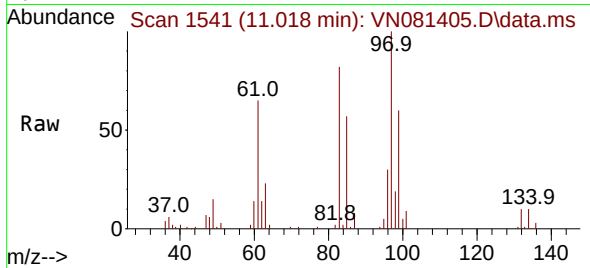
Tgt Ion: 75 Resp: 127470
Ion Ratio Lower Upper
75 100
77 28.7 23.3 34.9
39 48.1 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.212 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

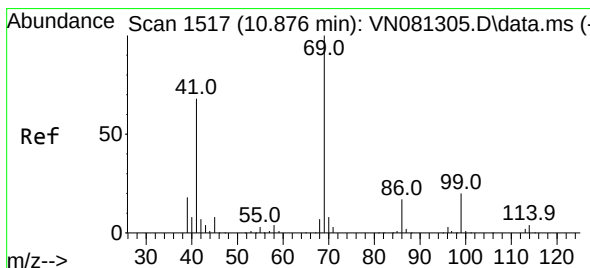
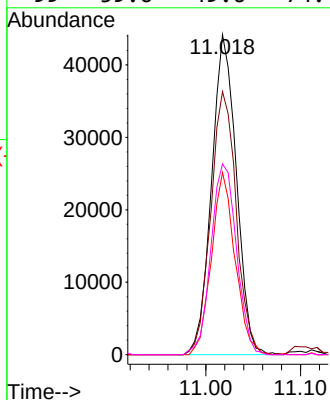
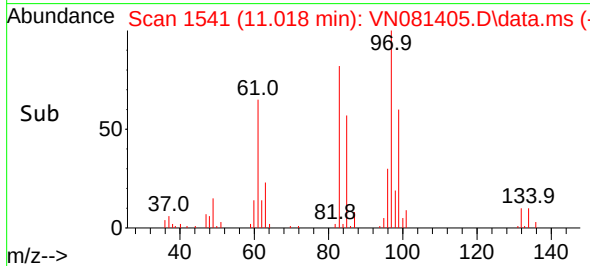
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 97 Resp: 80192
Ion Ratio Lower Upper
97 100
83 82.2 72.9 109.3
85 56.9 50.2 75.2
99 59.6 49.6 74.4

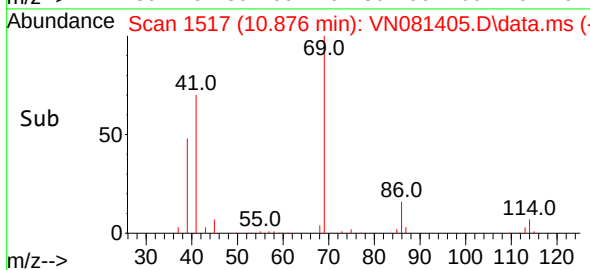
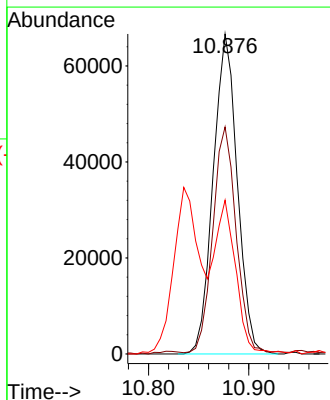
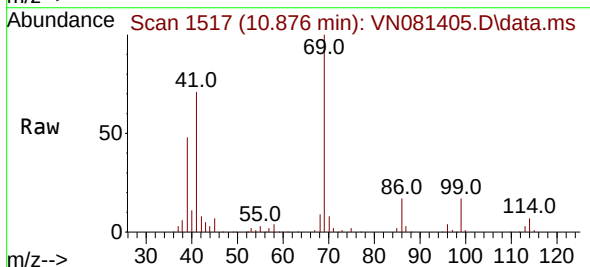
Manual Integrations
APPROVED

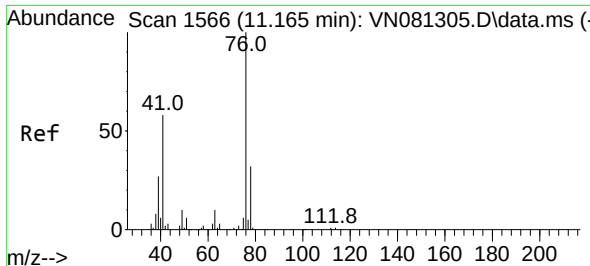
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#56
Ethyl methacrylate
Concen: 20.471 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

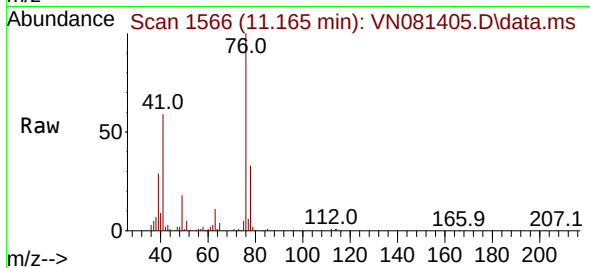
Tgt Ion: 69 Resp: 111130
Ion Ratio Lower Upper
69 100
41 68.1 61.0 91.6
39 41.4 31.8 47.6





#57
1,3-Dichloropropane
Concen: 20.364 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

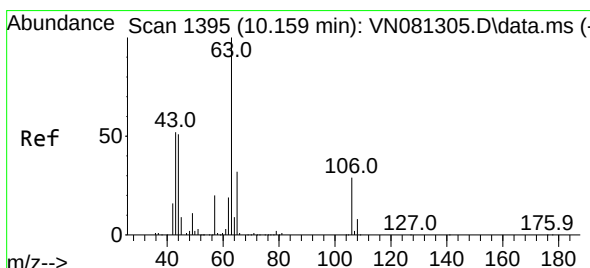
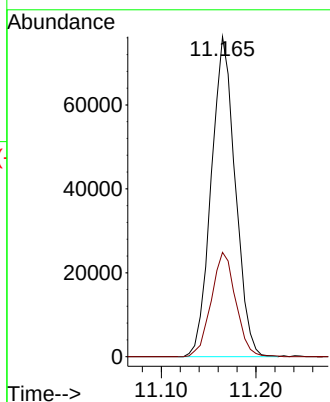
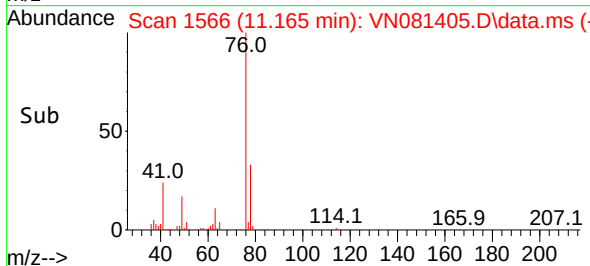
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 76 Resp: 134360
Ion Ratio Lower Upper
76 100
78 33.3 25.5 38.3

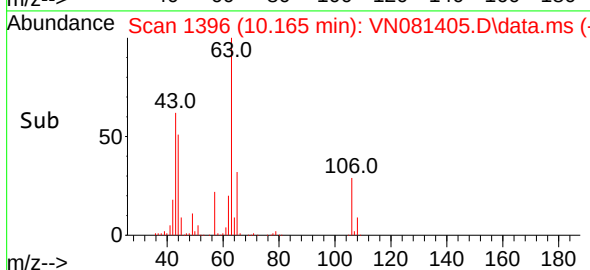
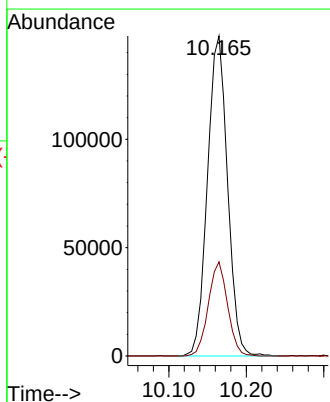
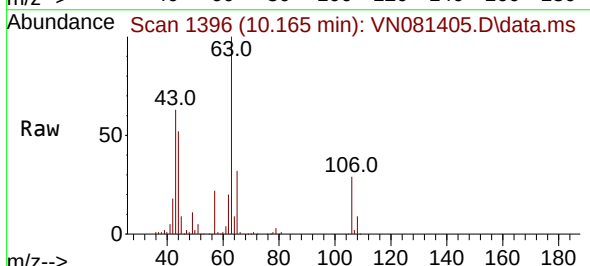
Manual Integrations
APPROVED

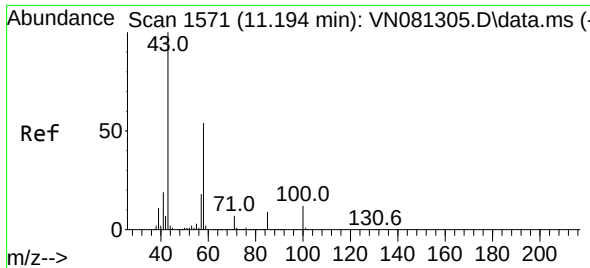
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 90.998 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Tgt Ion: 63 Resp: 265722
Ion Ratio Lower Upper
63 100
106 28.1 18.6 28.0#





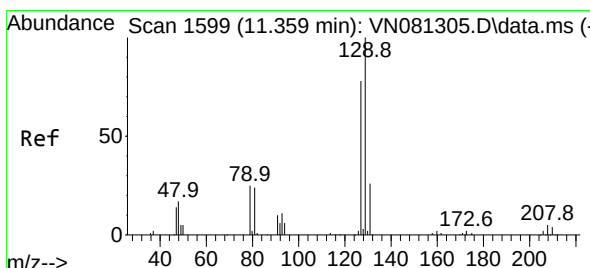
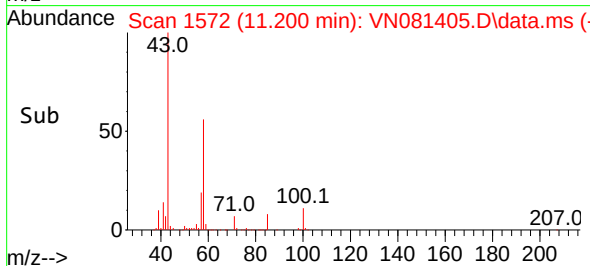
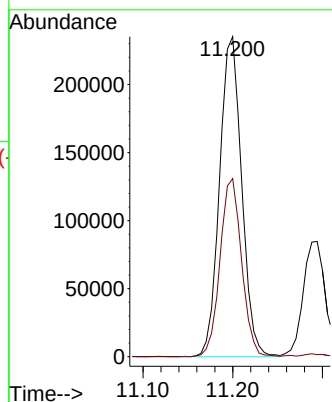
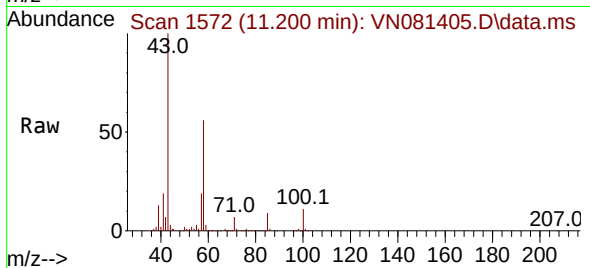
#59
2-Hexanone
Concen: 102.441 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 43 Resp: 402272
Ion Ratio Lower Upper
43 100
58 54.3 25.9 77.8

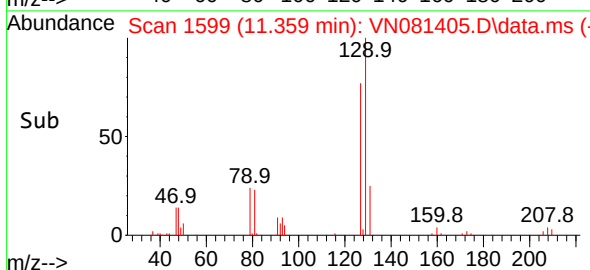
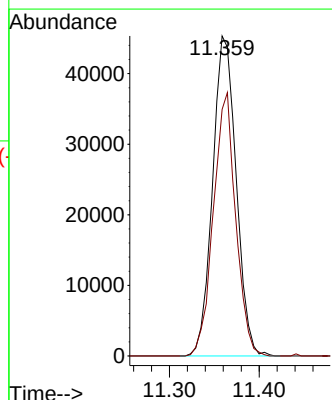
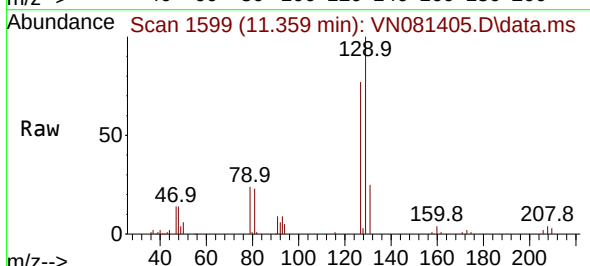
Manual Integrations
APPROVED

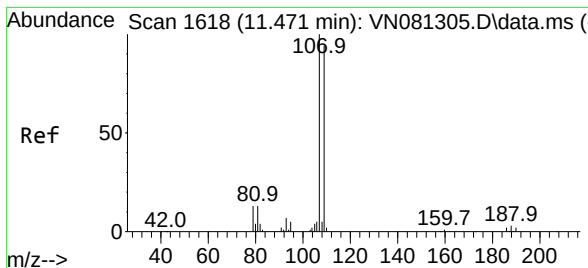
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#60
Dibromochloromethane
Concen: 21.259 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Tgt Ion:129 Resp: 82770
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.2





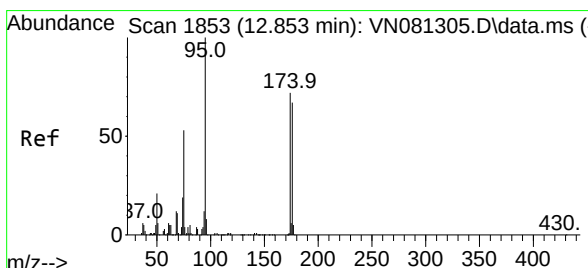
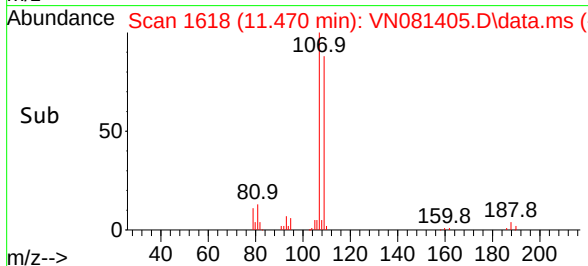
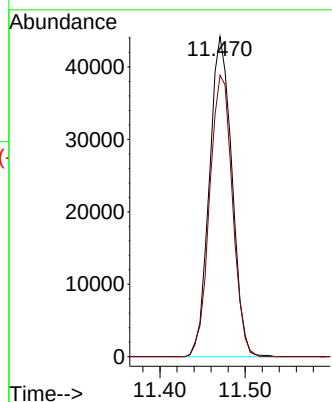
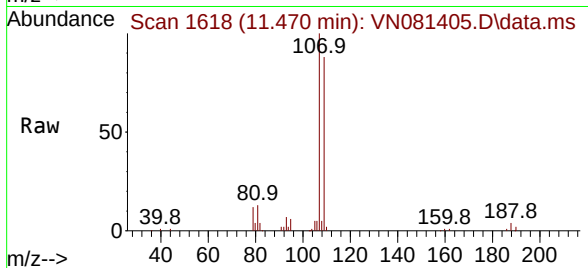
#61
1,2-Dibromoethane
Concen: 20.685 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion:107 Resp: 81140
Ion Ratio Lower Upper
107 100
109 89.1 73.4 110.2

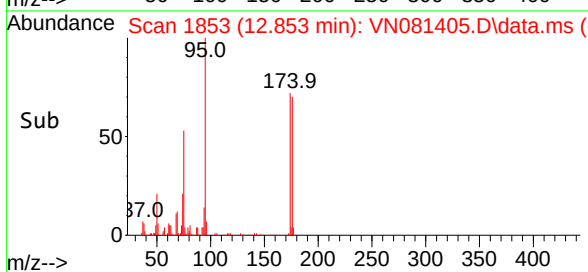
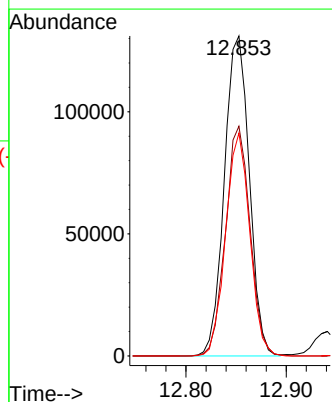
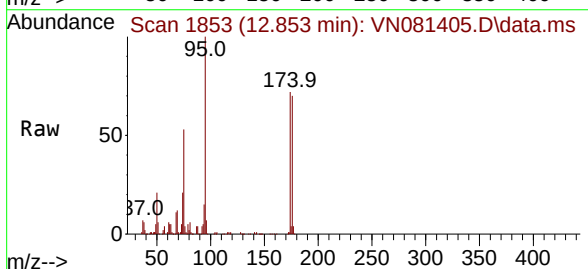
Manual Integrations
APPROVED

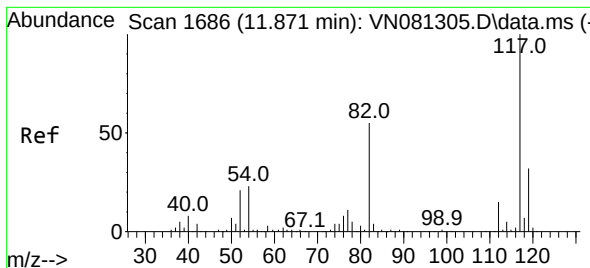
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#62
4-Bromofluorobenzene
Concen: 52.228 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Tgt Ion: 95 Resp: 226151
Ion Ratio Lower Upper
95 100
174 71.0 0.0 120.4
176 67.3 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion:117 Resp: 48641

Ion Ratio Lower Upper

117 100

82 57.3 52.7 79.1

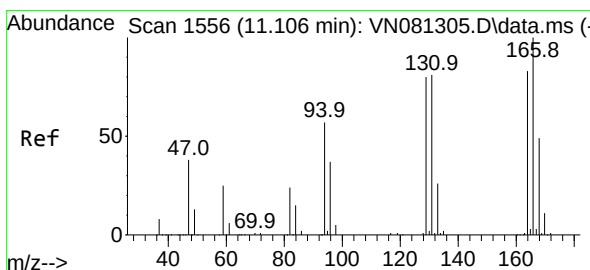
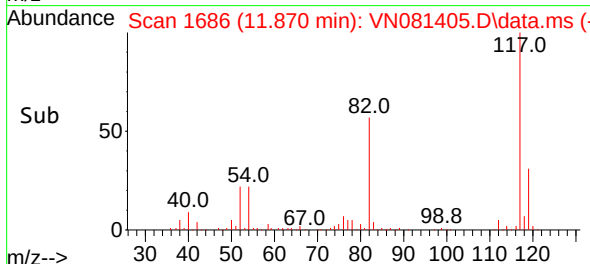
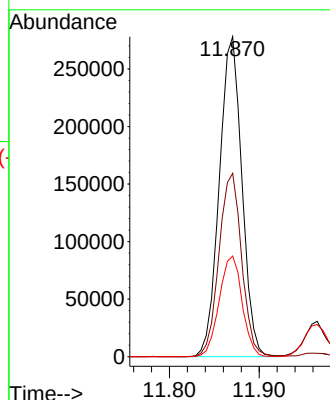
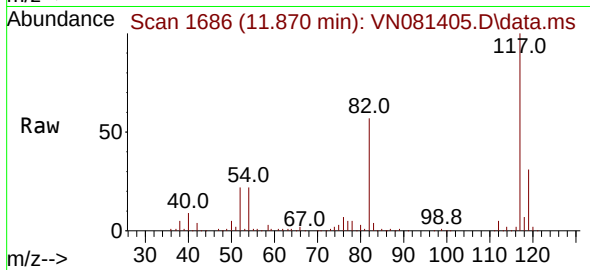
119 31.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#64

Tetrachloroethene

Concen: 19.059 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

Tgt Ion:164 Resp: 72590

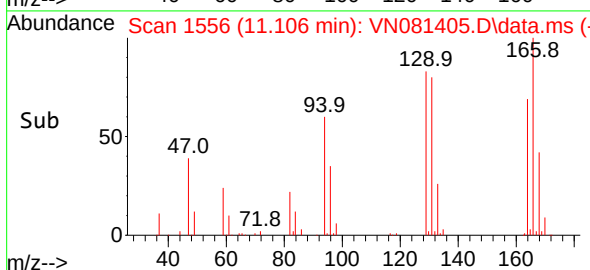
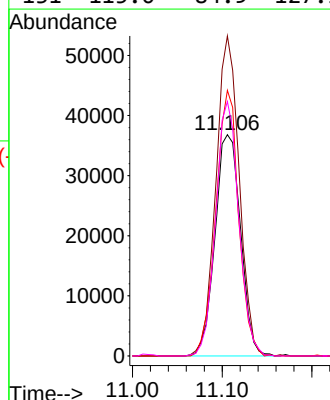
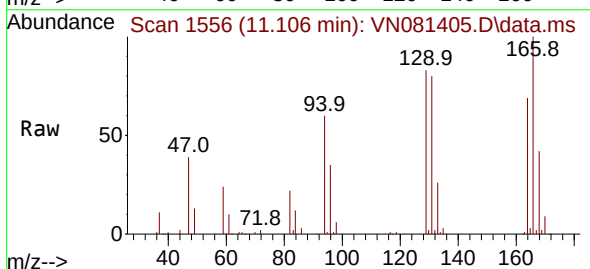
Ion Ratio Lower Upper

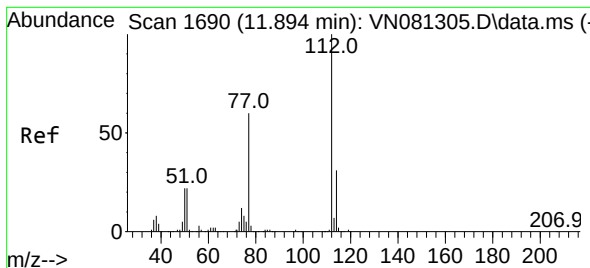
164 100

166 144.6 105.8 158.6

129 120.1 89.6 134.4

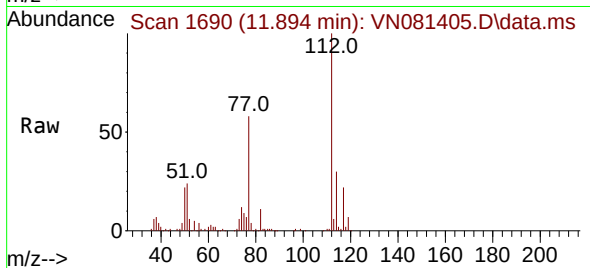
131 115.0 84.9 127.3





#65
Chlorobenzene
Concen: 19.292 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

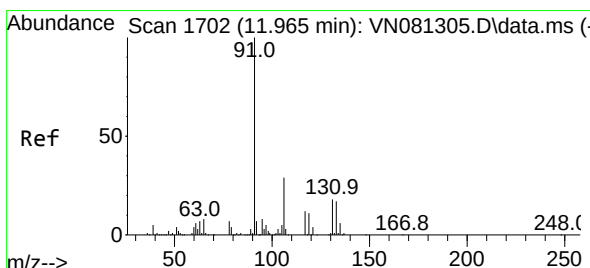
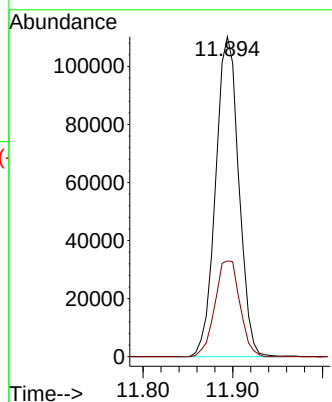
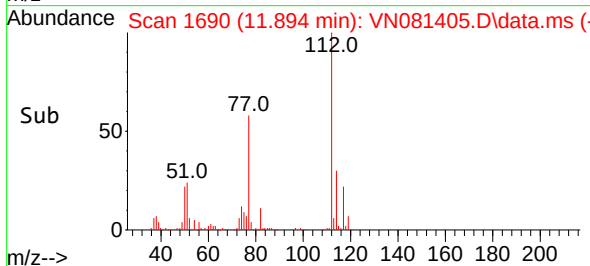
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



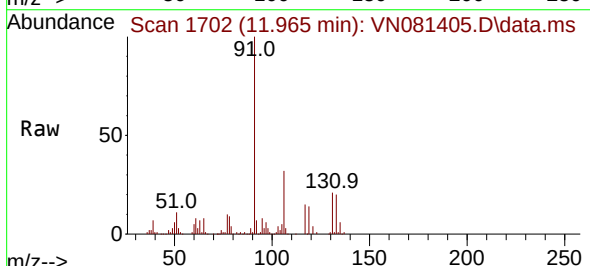
Tgt Ion:112 Resp: 197748
Ion Ratio Lower Upper
112 100
114 30.0 23.7 35.5

Manual Integrations
APPROVED

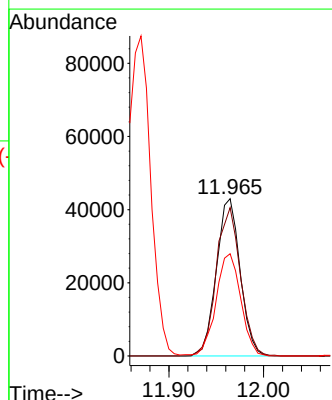
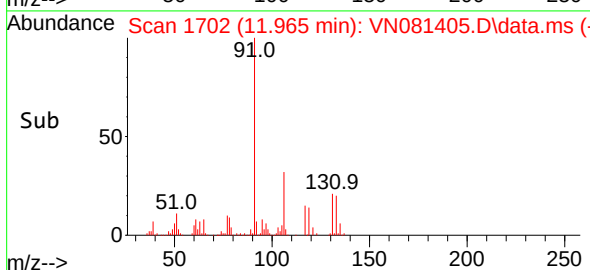
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

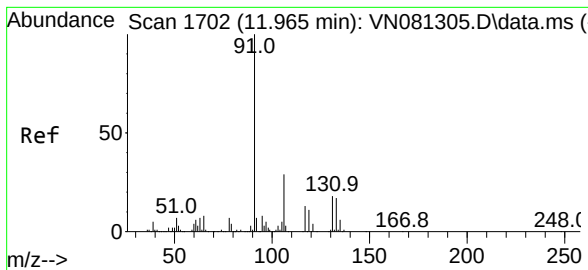


#66
1,1,1,2-Tetrachloroethane
Concen: 19.972 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



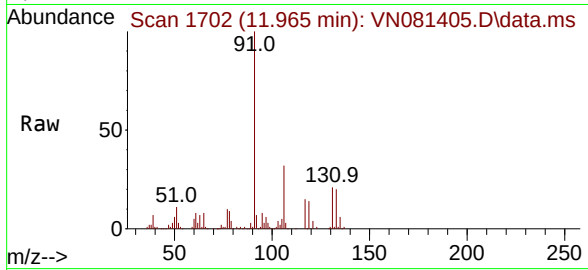
Tgt Ion:131 Resp: 74910
Ion Ratio Lower Upper
131 100
133 96.5 46.8 140.3
119 67.6 34.6 103.9





#67
Ethyl Benzene
Concen: 19.105 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

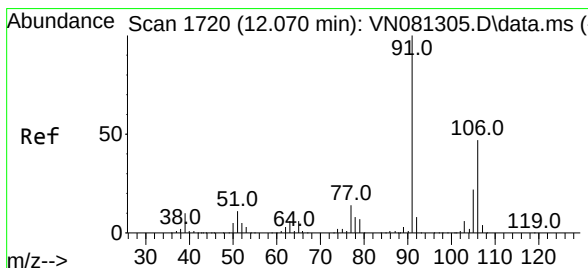
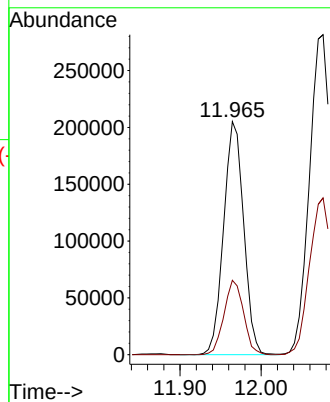
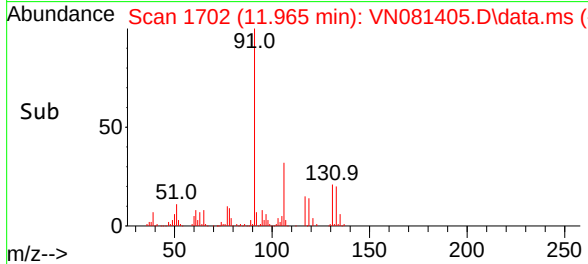
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



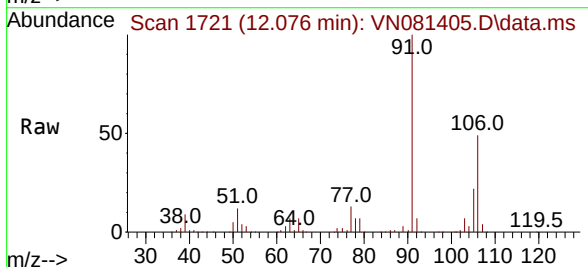
Tgt Ion: 91 Resp: 352758
Ion Ratio Lower Upper
91 100
106 31.9 23.8 35.6

Manual Integrations
APPROVED

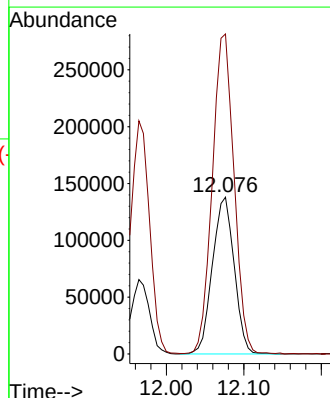
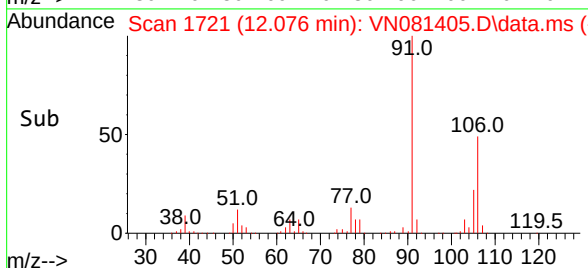
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

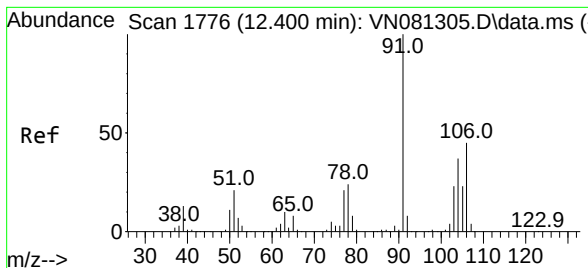


#68
m/p-Xylenes
Concen: 38.853 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



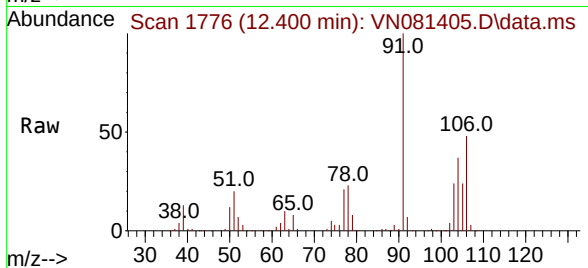
Tgt Ion:106 Resp: 269975
Ion Ratio Lower Upper
106 100
91 203.7 169.0 253.6





#69
o-Xylene
Concen: 19.064 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

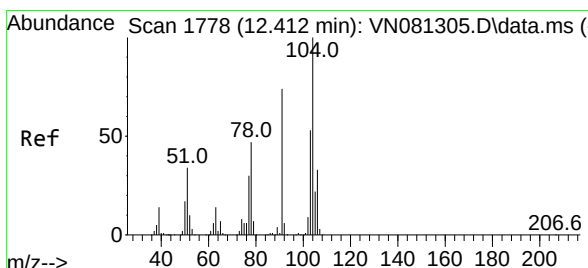
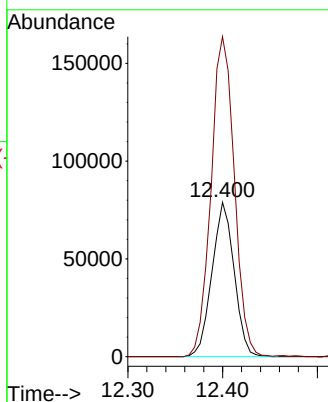
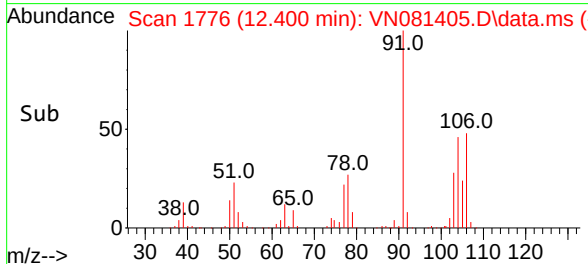
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



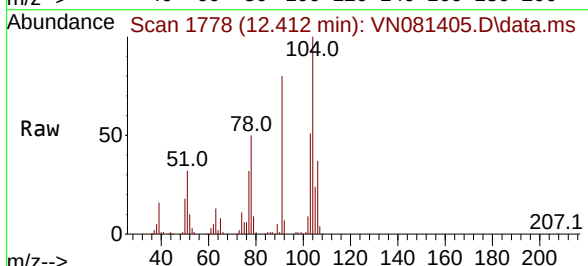
Tgt Ion:106 Resp: 128384
Ion Ratio Lower Upper
106 100
91 218.1 112.1 336.3

Manual Integrations
APPROVED

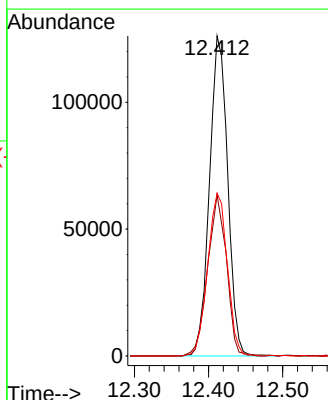
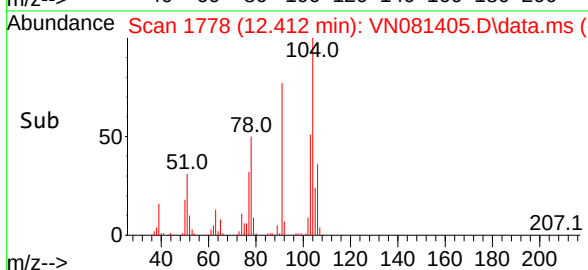
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

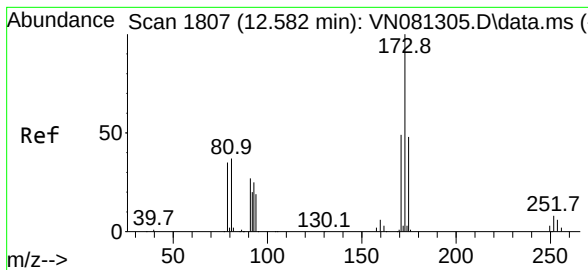


#70
Styrene
Concen: 20.168 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



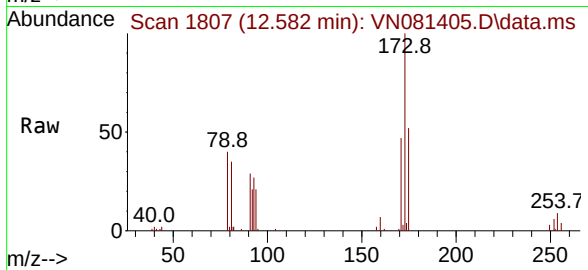
Tgt Ion:104 Resp: 215231
Ion Ratio Lower Upper
104 100
78 51.8 43.8 65.8
103 55.0 44.2 66.2





#71
Bromoform
Concen: 20.357 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

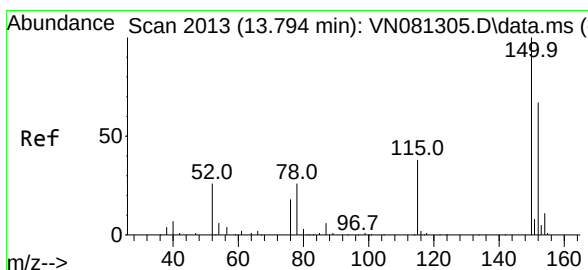
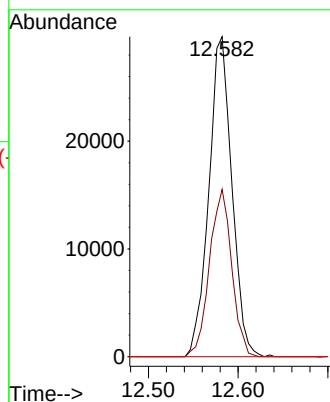
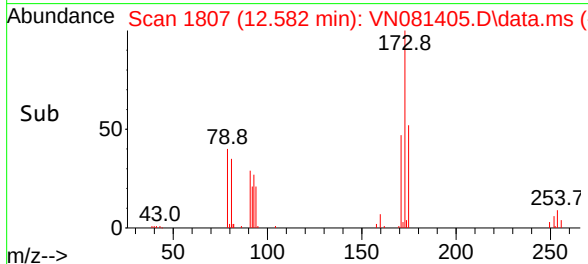
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



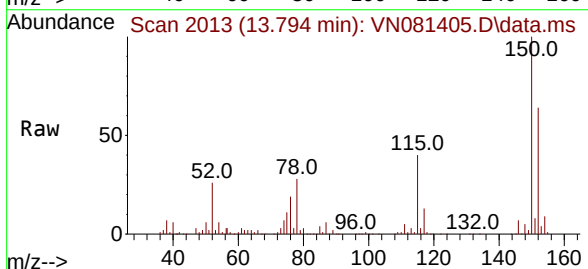
Tgt Ion:173 Resp: 53009
Ion Ratio Lower Upper
173 100
175 50.4 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

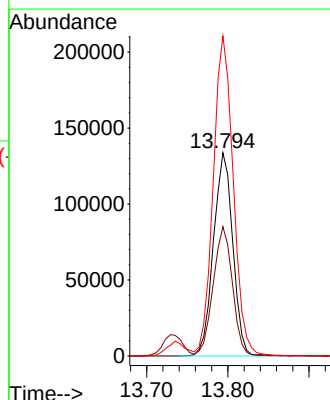
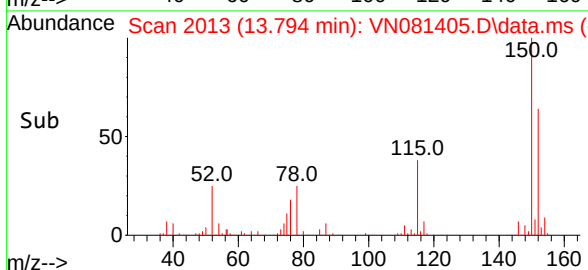
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

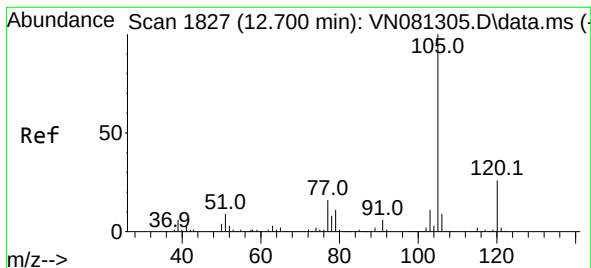


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



Tgt Ion:152 Resp: 221293
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 163.3 0.0 339.8





#73

Isopropylbenzene

Concen: 18.671 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion:105 Resp: 33364

Ion Ratio Lower Upper

105 100

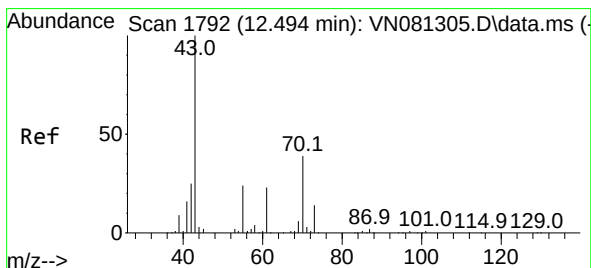
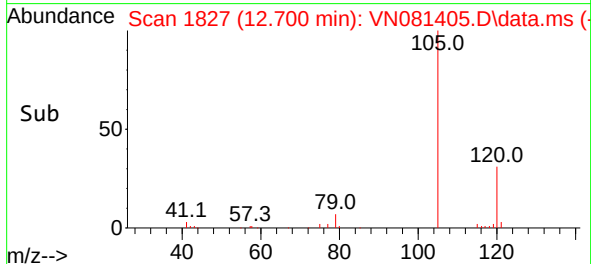
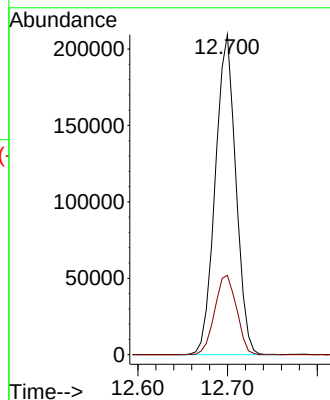
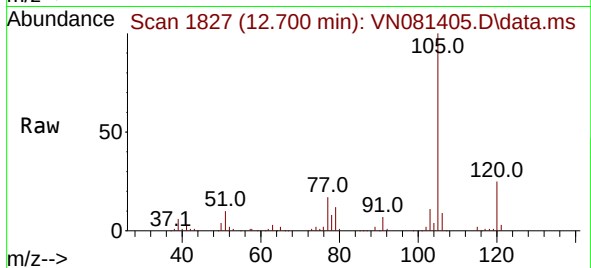
120 26.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#74

N-ethyl acetate

Concen: 19.651 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081405.D

Acq: 14 Mar 2024 13:18

Tgt Ion: 43 Resp: 147342

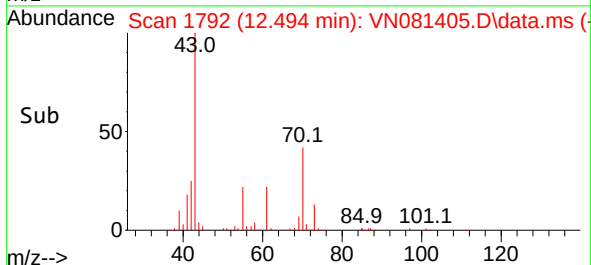
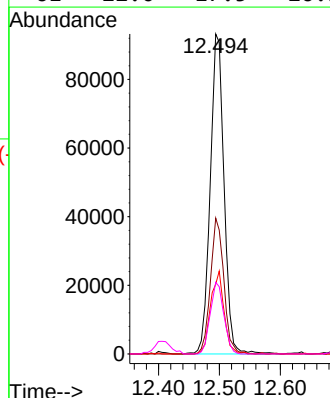
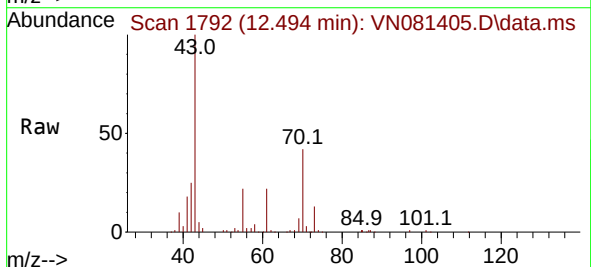
Ion Ratio Lower Upper

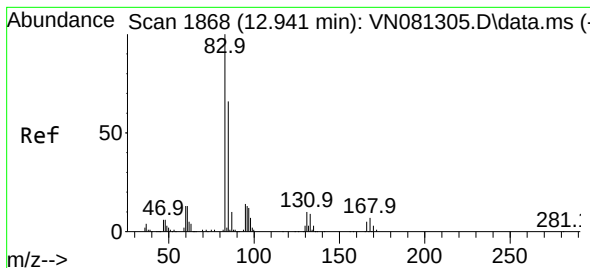
43 100

70 41.0 30.1 45.1

55 25.1 17.0 25.4

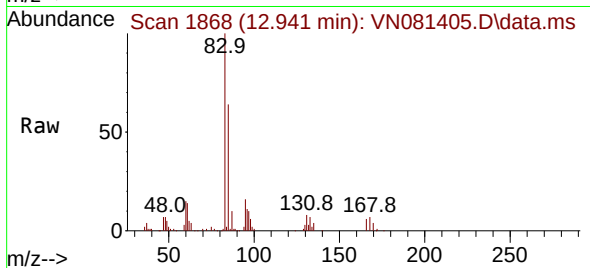
61 22.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.278 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

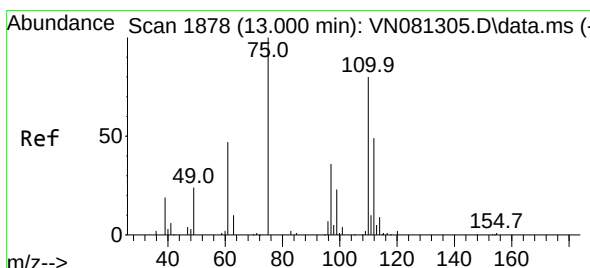
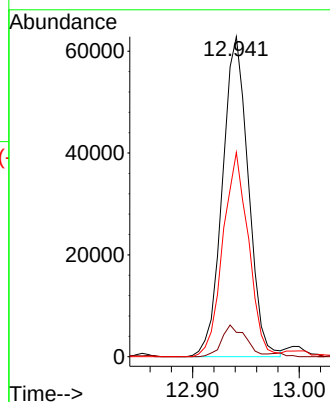
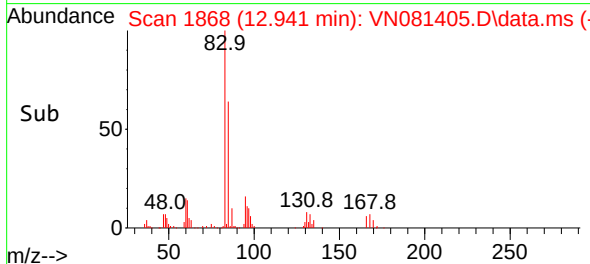
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



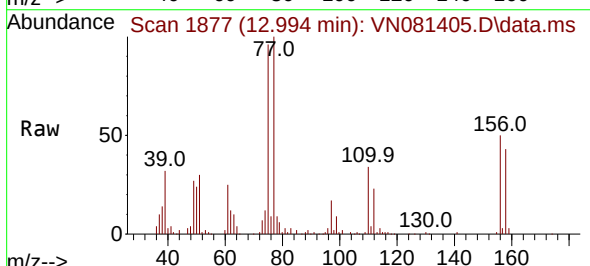
Tgt Ion: 83 Resp: 106311
Ion Ratio Lower Upper
83 100
131 9.1 4.1 12.3
85 63.1 32.1 96.3

Manual Integrations
APPROVED

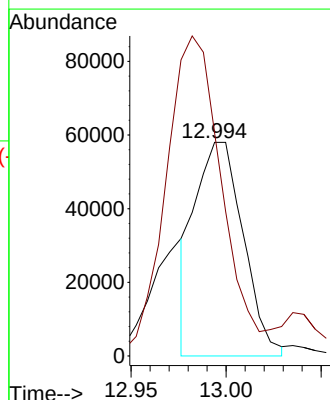
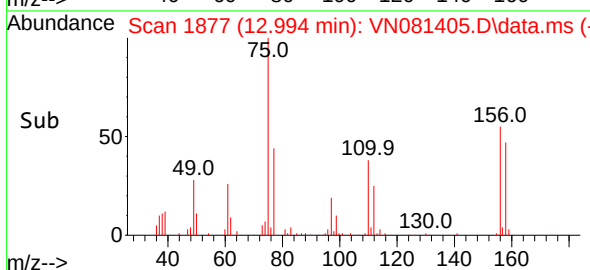
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

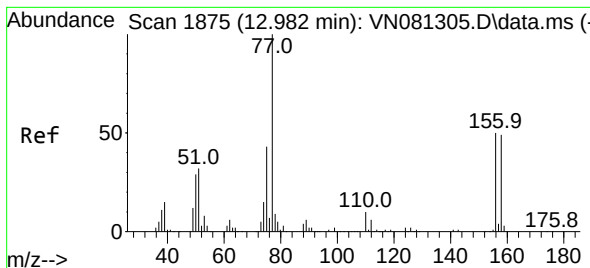


#76
1,2,3-Trichloropropane
Concen: 19.571 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



Tgt Ion: 75 Resp: 102294
Ion Ratio Lower Upper
75 100
77 175.1 91.0 272.8





#77

Bromobenzene

Concen: 18.833 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081405.D

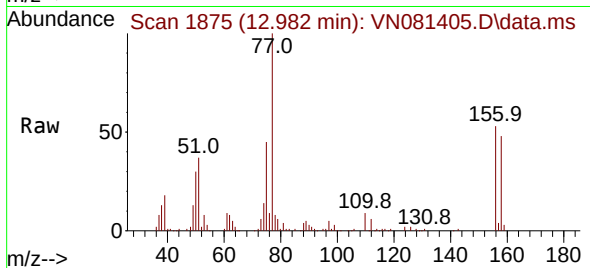
Acq: 14 Mar 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01



Tgt Ion:156 Resp: 7979

Ion Ratio Lower Upper

156 100

77 224.5 138.1 414.3

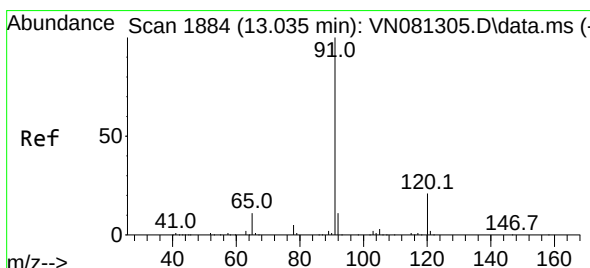
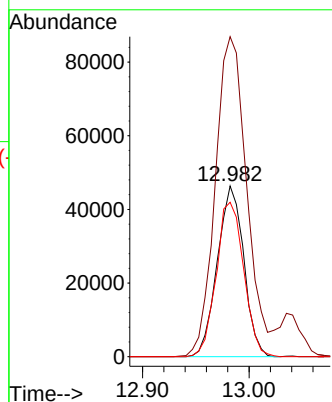
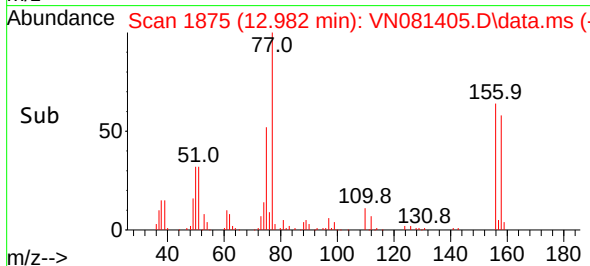
158 94.1 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#78

n-propylbenzene

Concen: 19.273 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081405.D

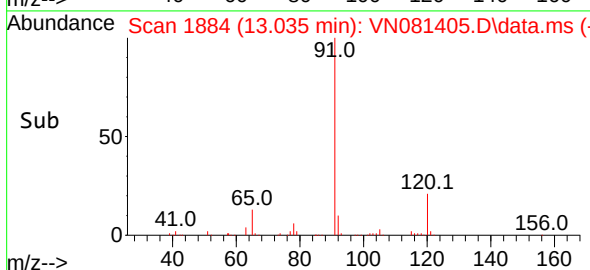
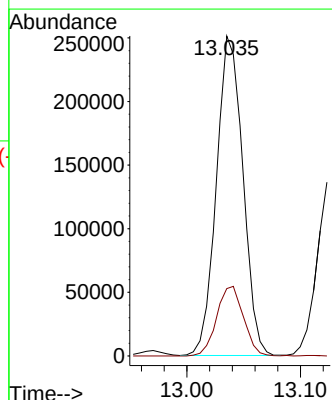
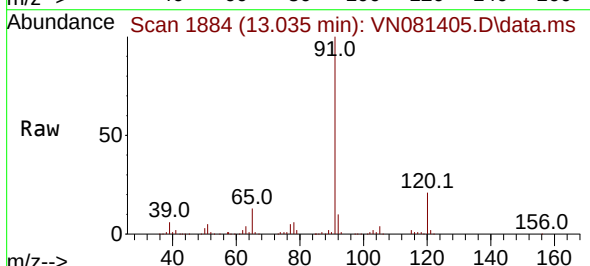
Acq: 14 Mar 2024 13:18

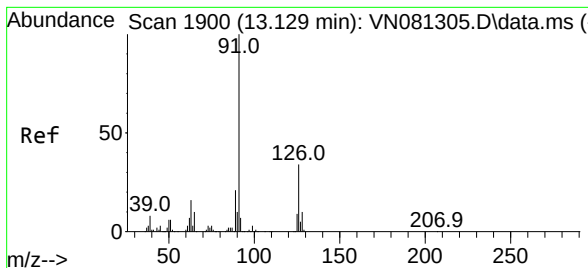
Tgt Ion: 91 Resp: 407346

Ion Ratio Lower Upper

91 100

120 22.0 10.3 30.9





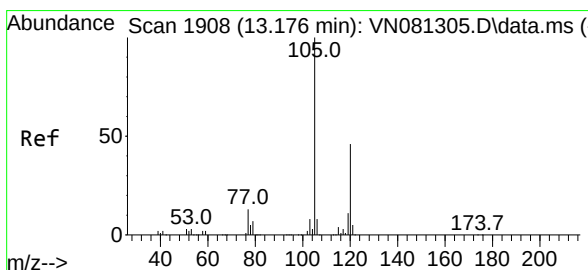
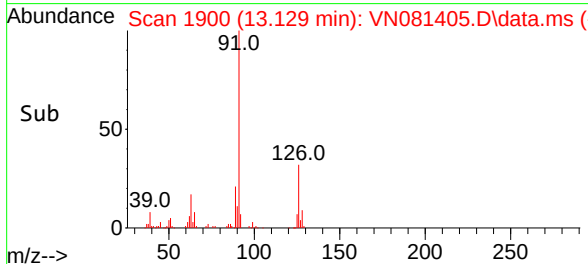
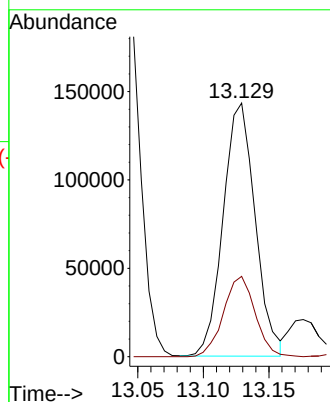
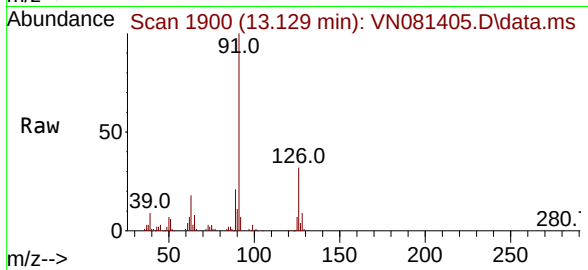
#79
2-Chlorotoluene
Concen: 18.855 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 91 Resp: 24359
Ion Ratio Lower Upper
91 100
126 31.4 14.8 44.4

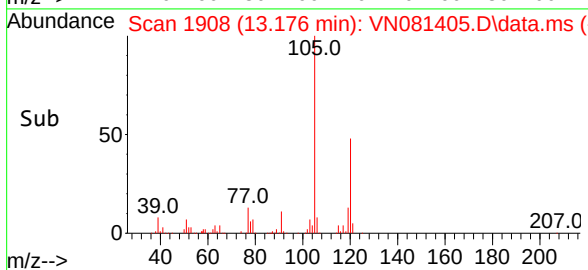
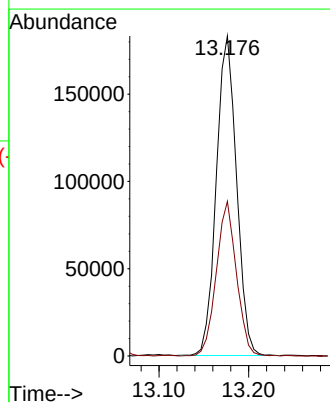
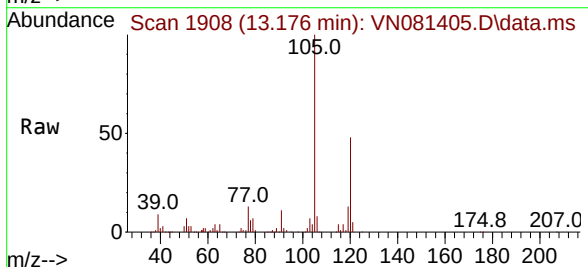
Manual Integrations
APPROVED

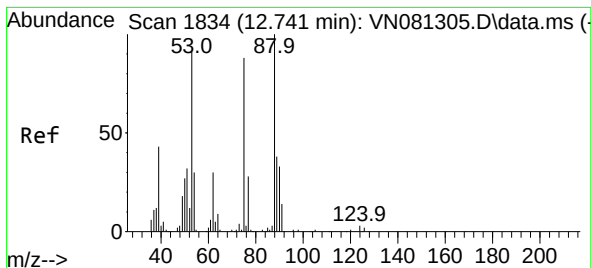
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.380 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

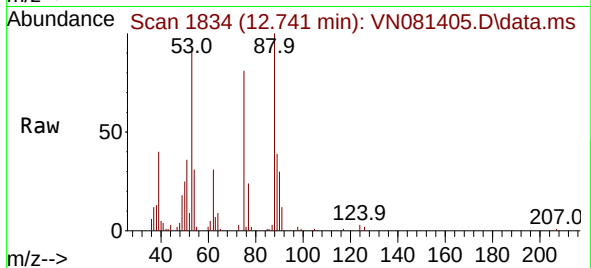
Tgt Ion:105 Resp: 286276
Ion Ratio Lower Upper
105 100
120 48.2 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.103 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

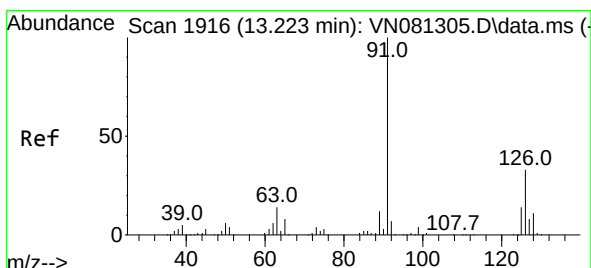
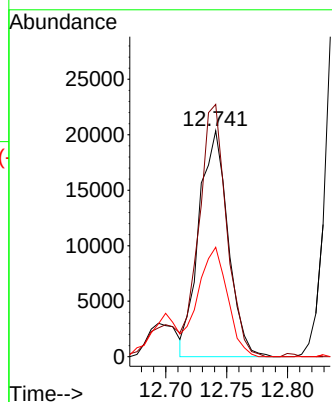
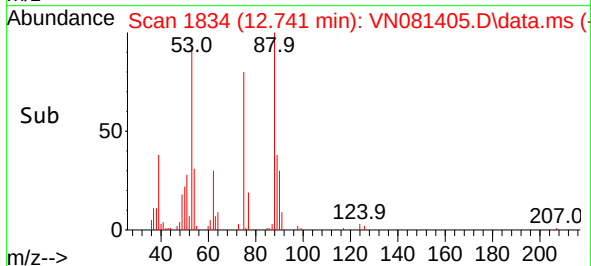
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



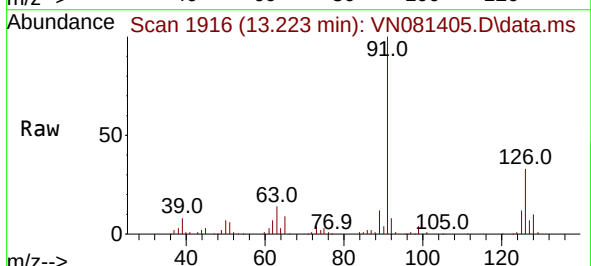
Tgt Ion: 75 Resp: 3390
Ion Ratio Lower Upper
75 100
53 105.6 71.4 107.2
89 49.3 33.4 50.0

Manual Integrations
APPROVED

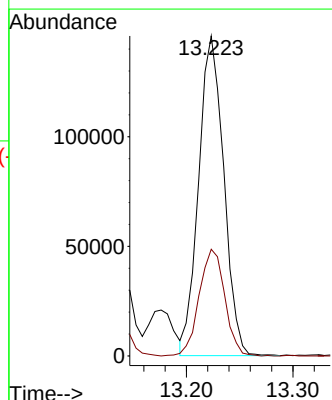
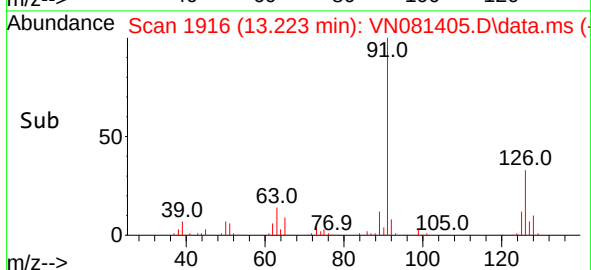
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

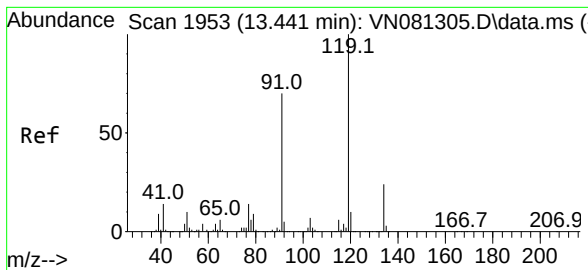


#82
4-Chlorotoluene
Concen: 18.783 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



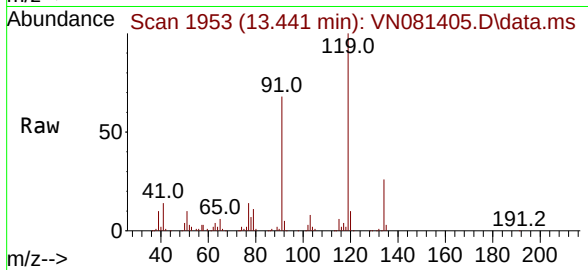
Tgt Ion: 91 Resp: 239682
Ion Ratio Lower Upper
91 100
126 34.0 15.3 45.9





#83
tert-Butylbenzene
Concen: 18.659 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

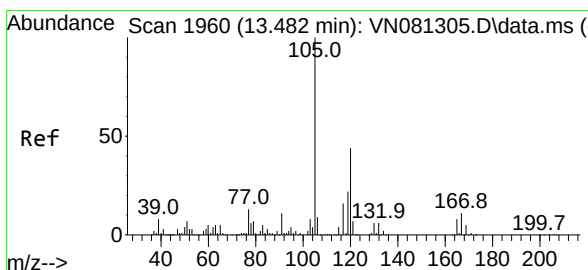
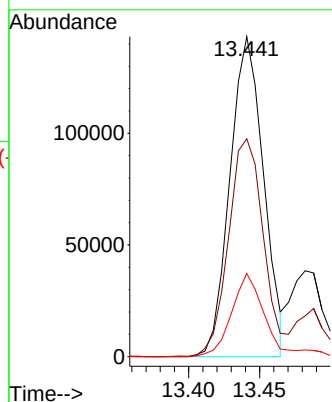
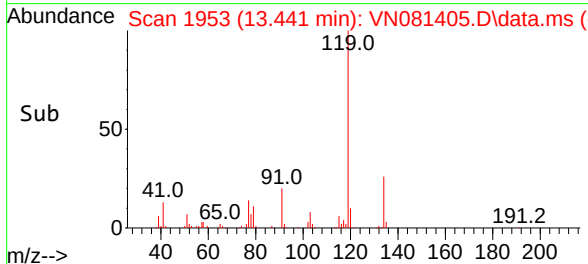
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



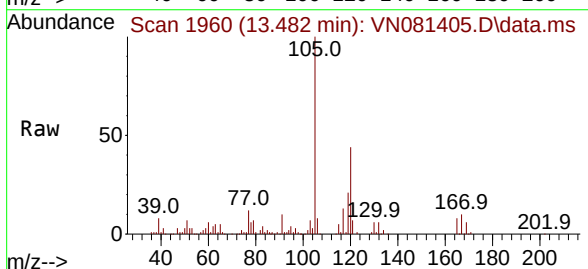
Tgt Ion:119 Resp: 236291
Ion Ratio Lower Upper
119 100
91 71.5 36.8 110.4
134 26.2 12.4 37.4

Manual Integrations
APPROVED

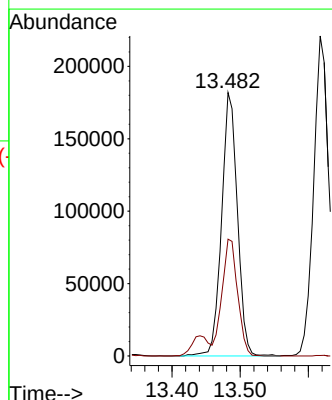
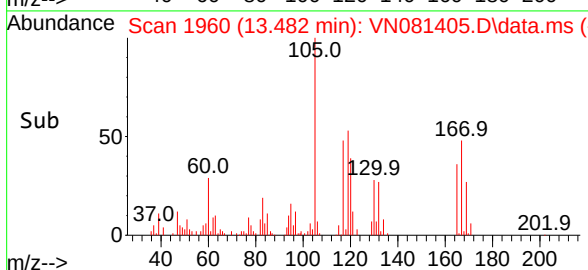
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

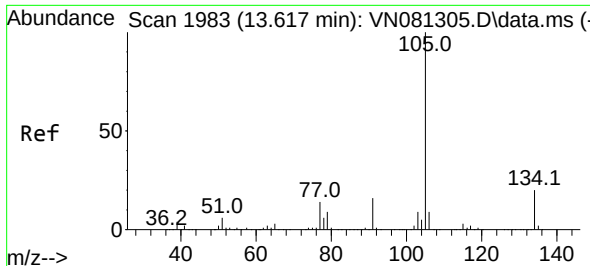


#84
1,2,4-Trimethylbenzene
Concen: 19.605 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



Tgt Ion:105 Resp: 293403
Ion Ratio Lower Upper
105 100
120 43.7 20.9 62.7





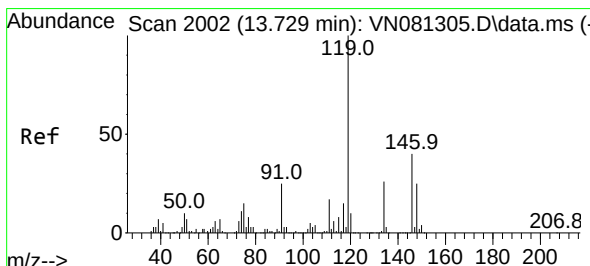
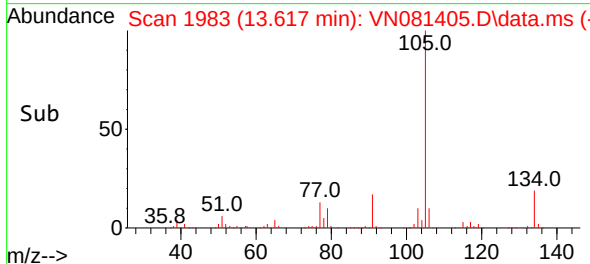
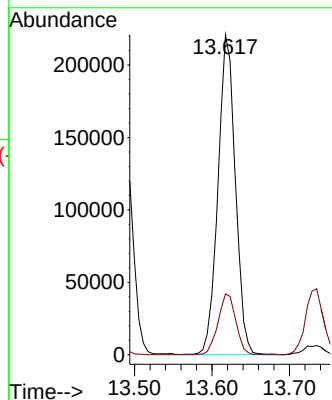
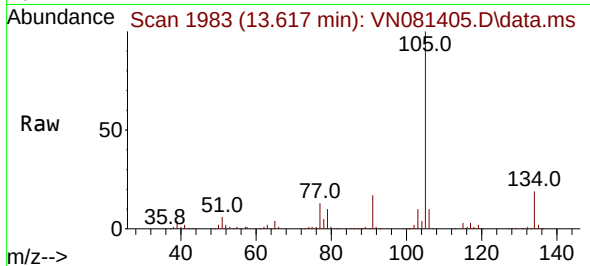
#85
 sec-Butylbenzene
 Concen: 18.815 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081405.D
 Acq: 14 Mar 2024 13:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Tgt Ion:105 Resp: 344694
 Ion Ratio Lower Upper
 105 100
 134 19.4 8.6 25.8

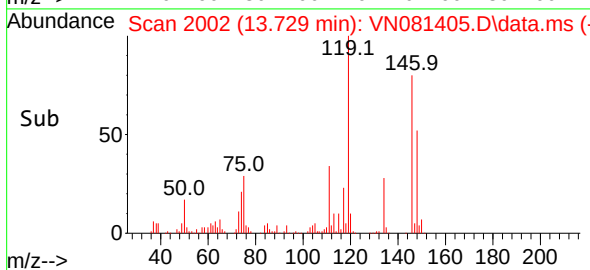
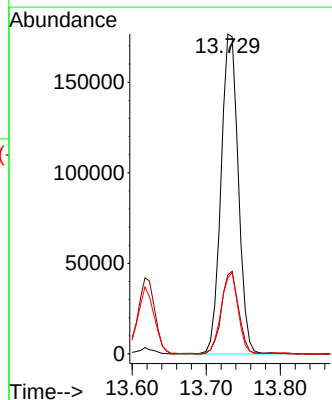
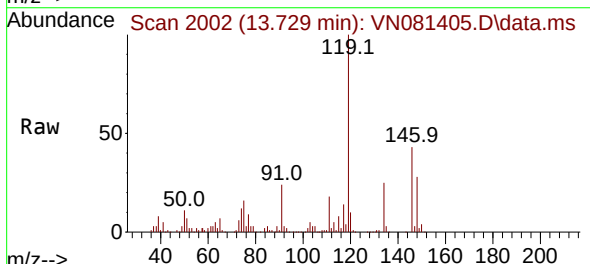
Manual Integrations
 APPROVED

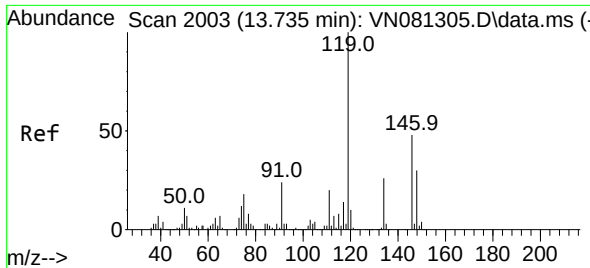
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024



#86
 p-Isopropyltoluene
 Concen: 19.502 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081405.D
 Acq: 14 Mar 2024 13:18

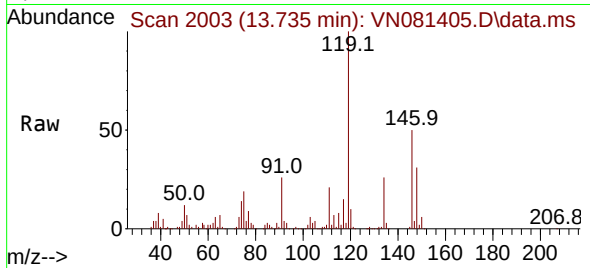
Tgt Ion:119 Resp: 286533
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.4 37.2
 91 24.8 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 18.389 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN081405.D
 Acq: 14 Mar 2024 13:18

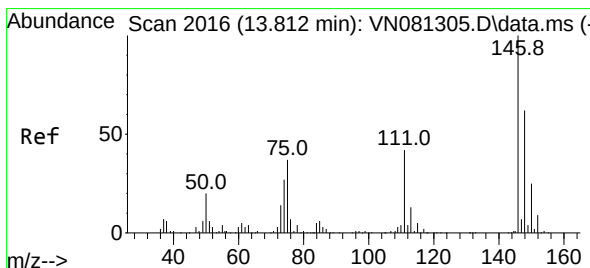
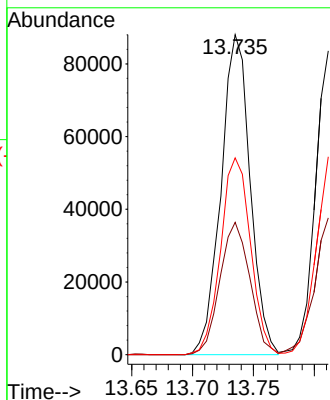
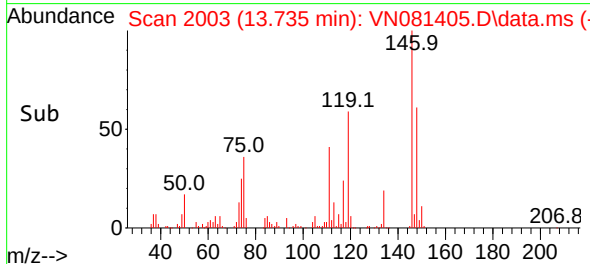
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01



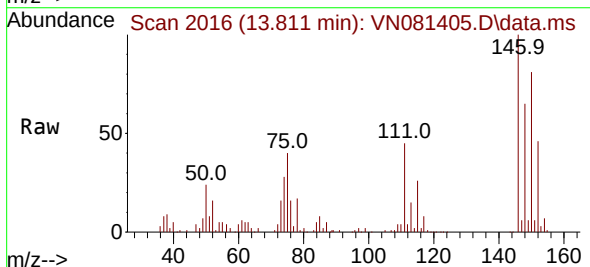
Tgt Ion:146 Resp: 14711
 Ion Ratio Lower Upper
 146 100
 111 42.5 23.9 71.7
 148 63.0 32.6 97.7

Manual Integrations
 APPROVED

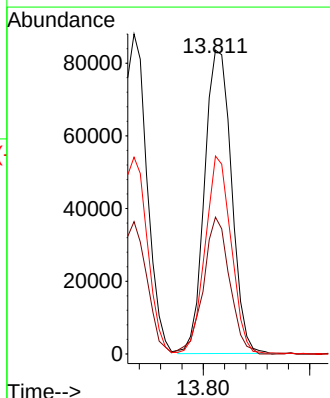
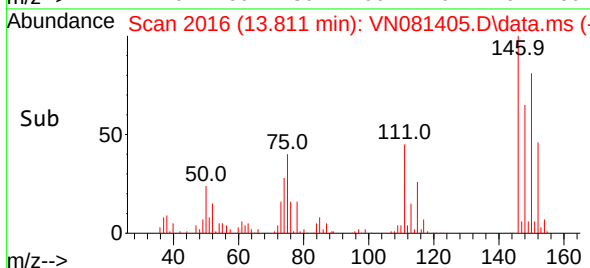
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

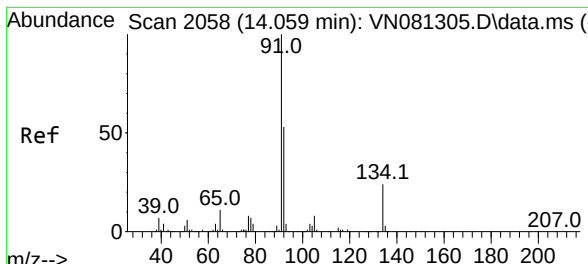


#88
 1,4-Dichlorobenzene
 Concen: 18.377 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN081405.D
 Acq: 14 Mar 2024 13:18



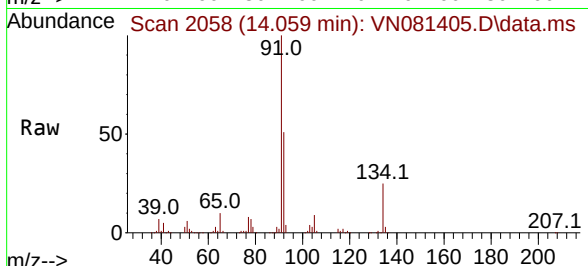
Tgt Ion:146 Resp: 146947
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.6 67.7
 148 63.4 31.9 95.5





#89
n-Butylbenzene
Concen: 18.240 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

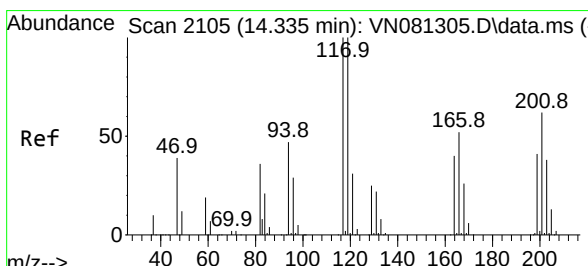
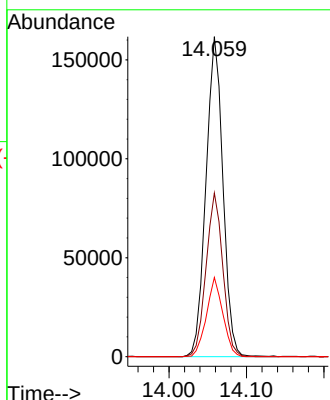
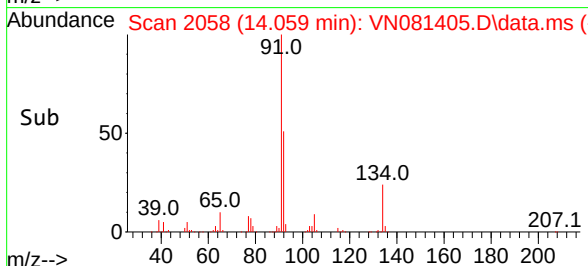
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 91 Resp: 245752
Ion Ratio Lower Upper
91 100
92 50.6 26.7 80.1
134 24.0 10.8 32.4

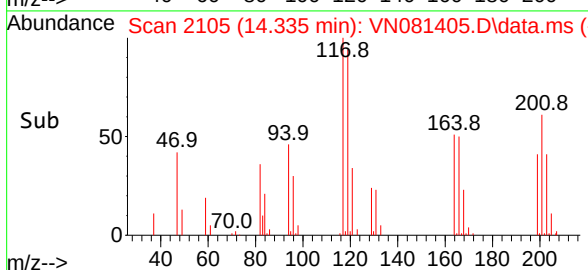
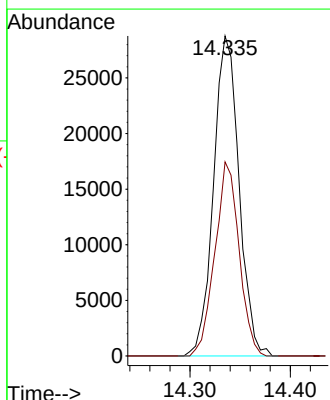
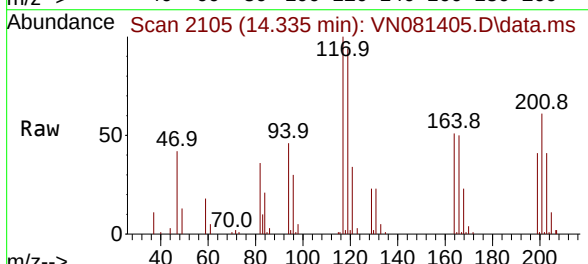
Manual Integrations
APPROVED

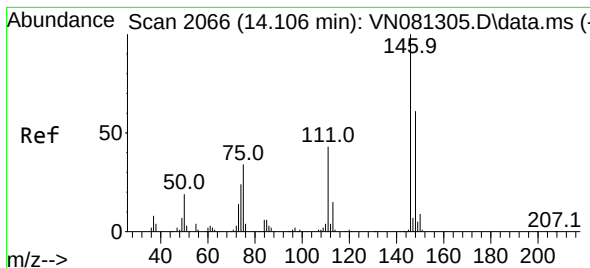
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#90
Hexachloroethane
Concen: 19.713 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

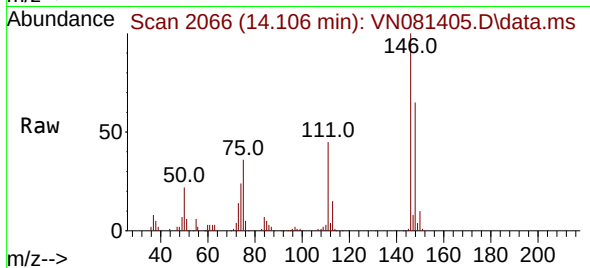
Tgt Ion:117 Resp: 50708
Ion Ratio Lower Upper
117 100
201 57.6 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 18.309 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

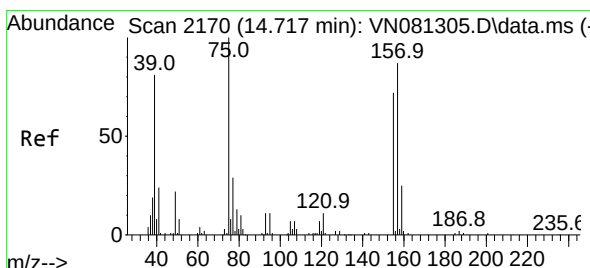
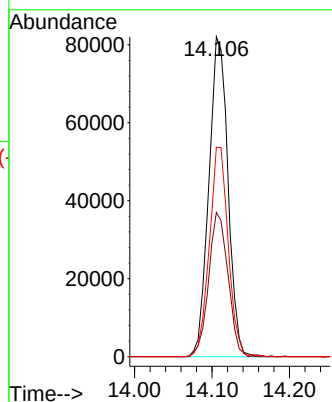
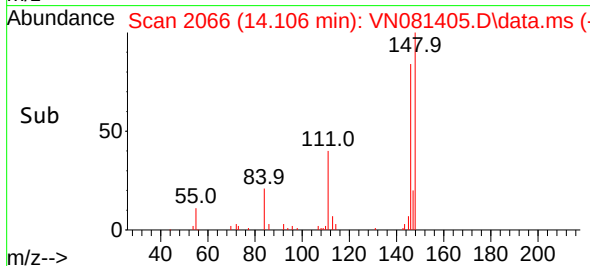
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



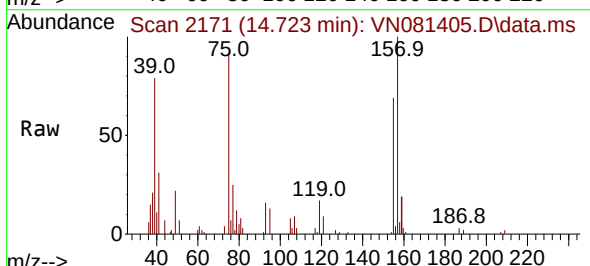
Tgt Ion:146 Resp: 140539
Ion Ratio Lower Upper
146 100
111 45.6 23.9 71.8
148 64.8 31.4 94.0

Manual Integrations
APPROVED

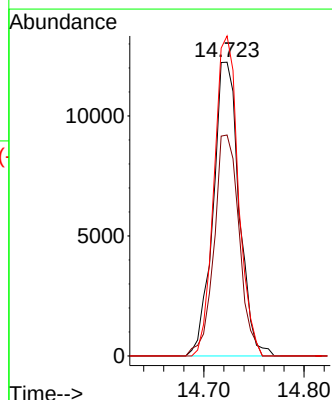
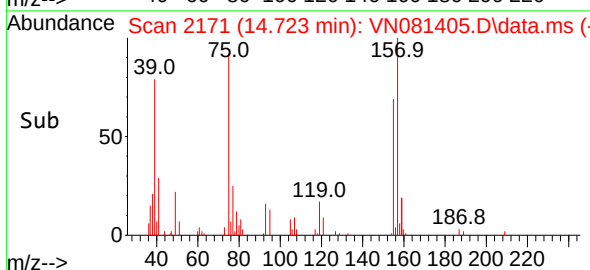
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

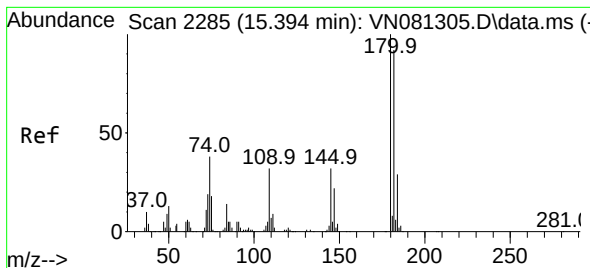


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.676 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



Tgt Ion: 75 Resp: 22040
Ion Ratio Lower Upper
75 100
155 72.3 31.8 95.4
157 101.5 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.046 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081405.D

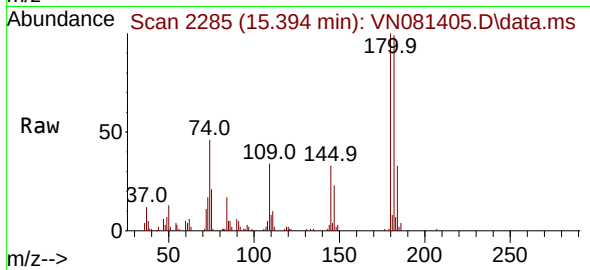
Acq: 14 Mar 2024 13:18

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01



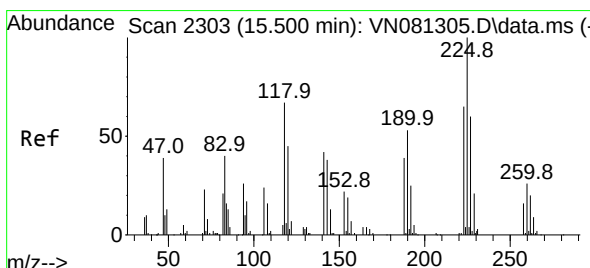
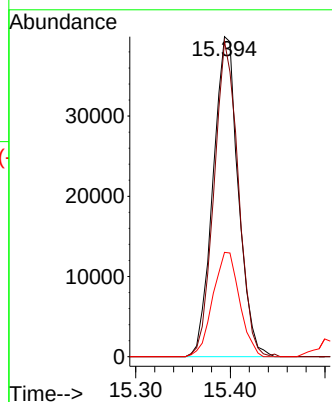
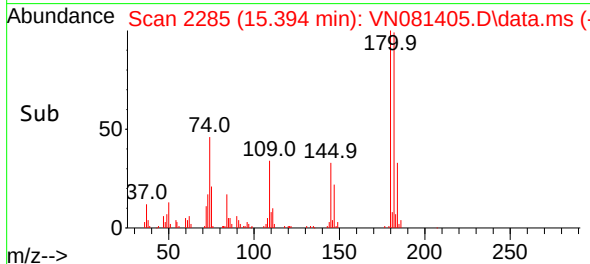
Tgt Ion:180	Resp:	7404
Ion Ratio	Lower	Upper
180	100	
182	94.7	46.6 139.7
145	34.4	16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#94

Hexachlorobutadiene

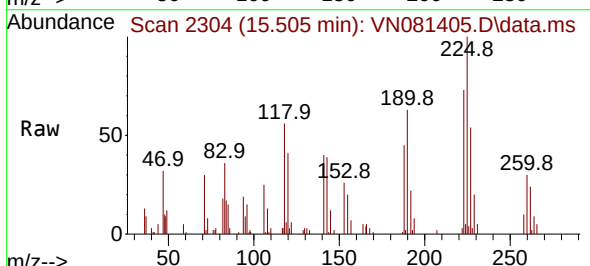
Concen: 17.418 ug/l

RT: 15.505 min Scan# 2304

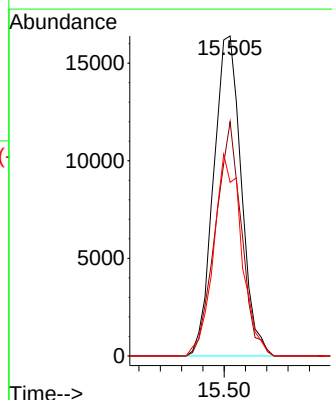
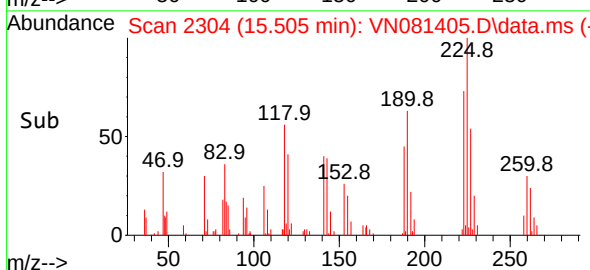
Delta R.T. 0.006 min

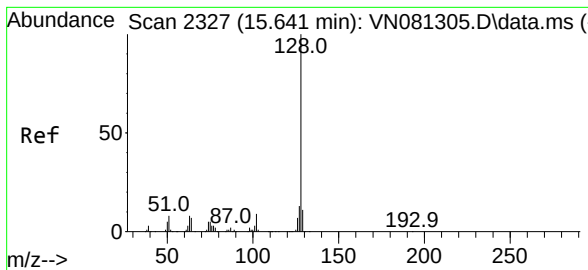
Lab File: VN081405.D

Acq: 14 Mar 2024 13:18



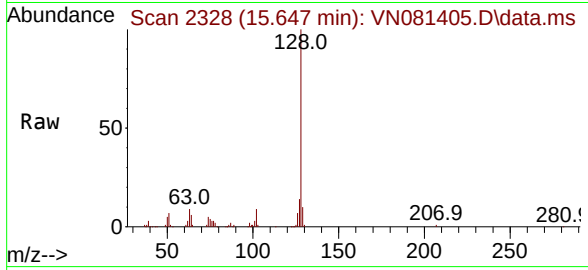
Tgt Ion:225	Resp:	29529
Ion Ratio	Lower	Upper
225	100	
223	68.8	33.3 99.8
227	63.6	33.1 99.2





#95
Naphthalene
Concen: 17.992 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18

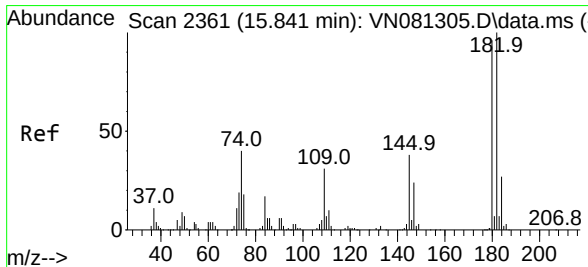
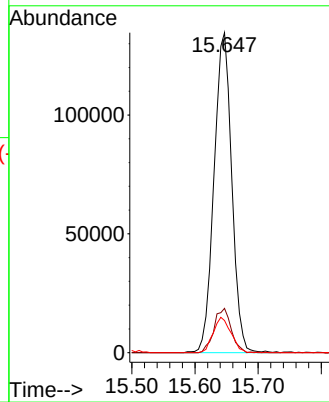
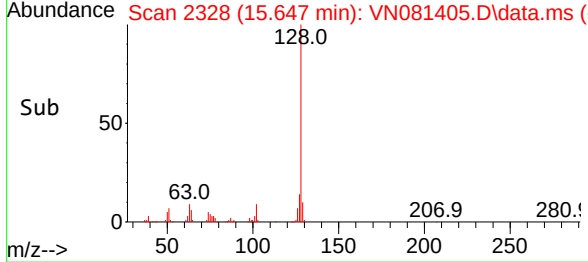
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



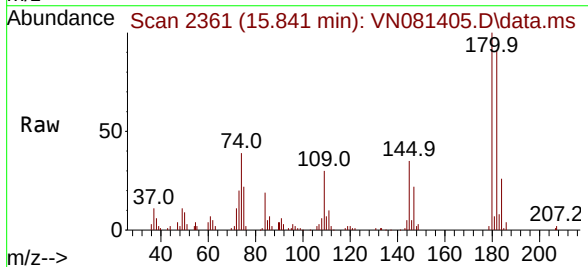
Tgt Ion:128 Resp: 262664
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.797 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081405.D
Acq: 14 Mar 2024 13:18



Tgt Ion:180 Resp: 74048
Ion Ratio Lower Upper
180 100
182 99.2 46.5 139.3
145 35.8 17.8 53.4

