

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074627.D
 Acq On : 27 Sep 2022 14:05
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

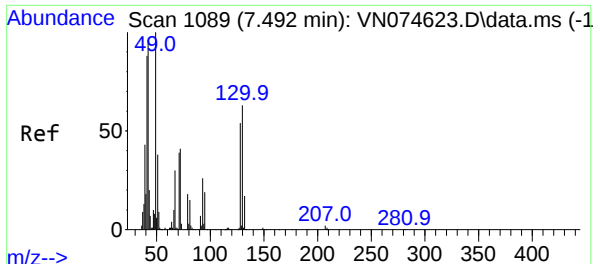
Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 07:54:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.498	128	129283	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.828	114	773847	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.622	117	632618	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	371054	30.439	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.467%			
60) 4-Bromofluorobenzene	12.610	95	307726	25.042	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 83.467%			
63) Toluene-d8	10.310	98	1139202	31.926	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 106.433%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.005	85	2965	0.390	ug/l	80
37) Trichloroethene	9.075	130	4613	0.454	ug/l	82
40) Dibromomethane	9.439	93	3201	0.392	ug/l	71
47) n-amyl Acetate	12.269	43	17867	0.563	ug/l #	87
55) 2-Chloroethyl vinyl ether	9.916	63	4353	0.503	ug/l #	79
56) Bromoform	12.339	173	2116	0.216	ug/l #	71
58) 4-Methyl-2-Pentanone	10.210	43	12796	0.652	ug/l #	96
59) 2-Hexanone	10.963	43	27181	1.788	ug/l	91
61) Tetrachloroethene	10.845	164	4684	0.664	ug/l #	52
62) Toluene	10.386	91	14026	0.303	ug/l	97
64) Chlorobenzene	11.645	112	14129	0.532	ug/l	89
66) Ethyl Benzene	11.716	91	16741	0.340	ug/l	93
67) m/p-Xylenes	11.822	106	13540	0.686	ug/l	97
68) o-Xylene	12.151	106	5760	0.286	ug/l	75
69) Styrene	12.174	104	14092	0.417	ug/l	91
71) 1,1,2,2-Tetrachloroethane	12.710	83	6832m	0.375	ug/l	
74) n-propylbenzene	12.798	91	26821	0.464	ug/l	95
75) 2-Chlorotoluene	12.880	91	14793	0.422	ug/l	76
76) 1,3,5-Trimethylbenzene	12.939	105	13275	0.307	ug/l	89
78) 4-Chlorotoluene	12.980	91	15819	0.450	ug/l	74
79) tert-butylbenzene	13.198	119	12017	0.318	ug/l	91
80) 1,2,4-Trimethylbenzene	13.245	105	19419	0.455	ug/l	91
81) sec-Butylbenzene	13.374	105	18515	0.346	ug/l	89
82) p-Isopropyltoluene	13.486	119	18216	0.413	ug/l	93
83) 1,3-Dichlorobenzene	13.492	146	16874	0.797	ug/l	93
84) 1,4-Dichlorobenzene	13.574	146	18840	0.894	ug/l	93
85) n-Butylbenzene	13.821	91	26233	0.698	ug/l	97
86) Hexachloroethane	14.092	117	3974	0.468	ug/l	62
87) 1,2-Dichlorobenzene	13.863	146	14827	0.684	ug/l	97
89) 1,2,4-Trichlorobenzene	15.127	180	25833	2.858	ug/l	97
90) Hexachlorobutadiene	15.233	225	4554m	1.144	ug/l	
91) Naphthalene	15.362	128	174641	4.606	ug/l	98
92) 1,2,3-Trichlorobenzene	15.551	180	34204	3.774	ug/l	89

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.498 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074627.D

Acq: 27 Sep 2022 14:05

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

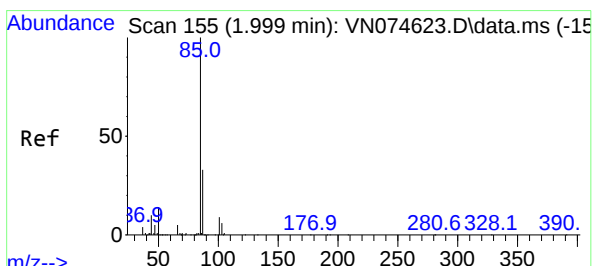
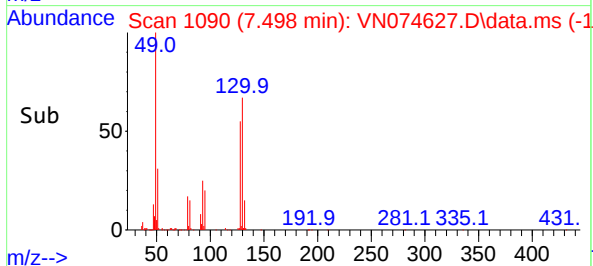
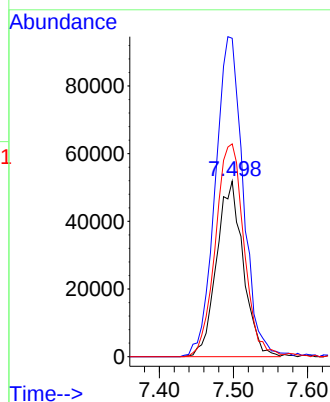
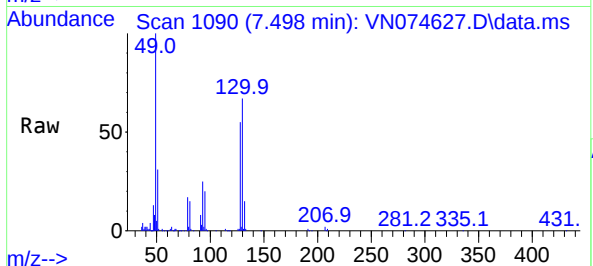
Tgt Ion:	128	Resp:	12928
Ion Ratio	Lower	Upper	
128	100		
49	191.2	0.0	492.0
130	128.7	0.0	313.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#2

Dichlorodifluoromethane

Concen: 0.390 ug/l

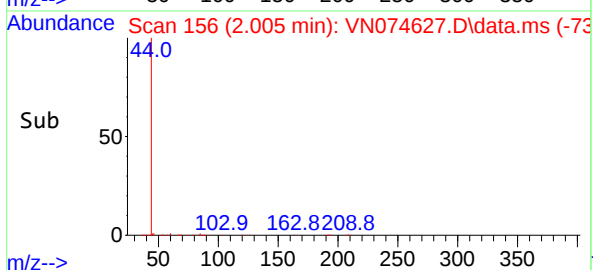
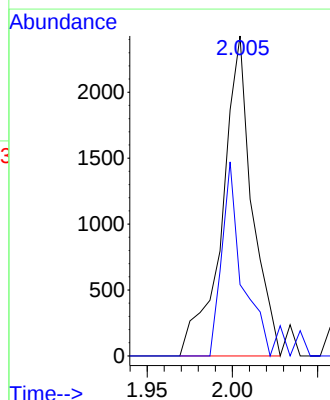
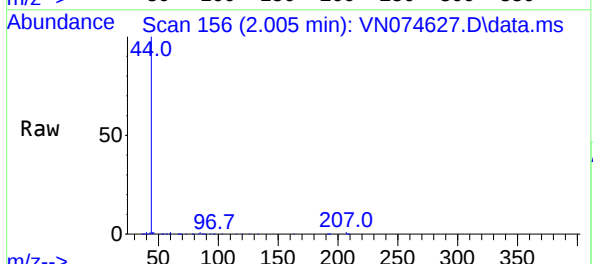
RT: 2.005 min Scan# 156

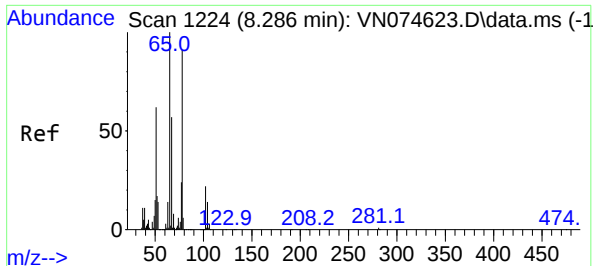
Delta R.T. 0.006 min

Lab File: VN074627.D

Acq: 27 Sep 2022 14:05

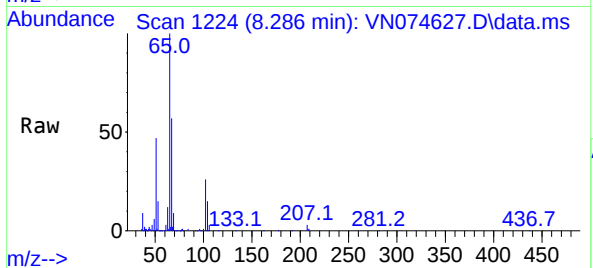
Tgt Ion:	85	Resp:	2965
Ion Ratio	Lower	Upper	
85	100		
87	22.3	16.7	50.1





#27
1,2-Dichloroethane-d4
Concen: 30.439 ug/l
RT: 8.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

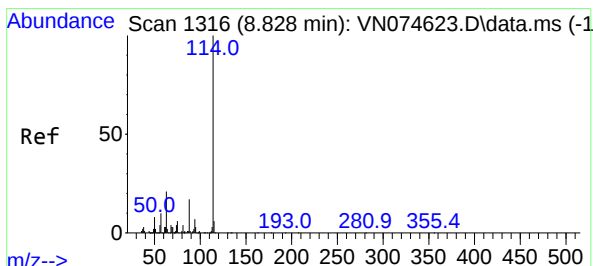
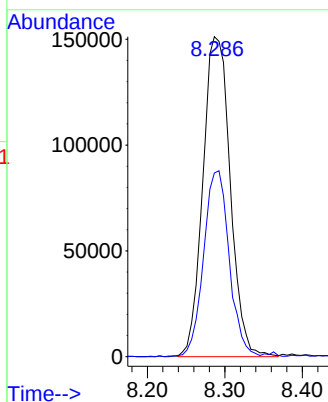
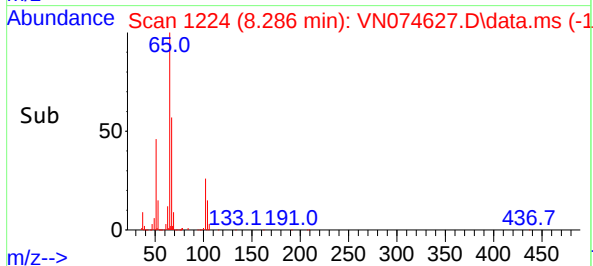
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



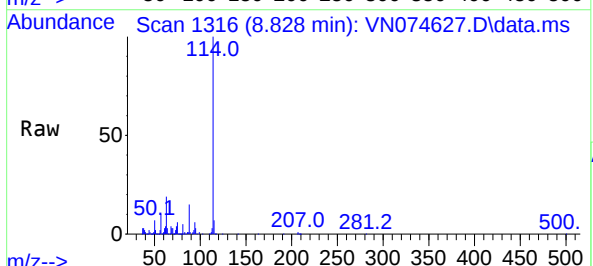
Tgt Ion: 65 Resp: 371054
Ion Ratio Lower Upper
65 100
67 54.3 45.2 67.8

Manual Integrations
APPROVED

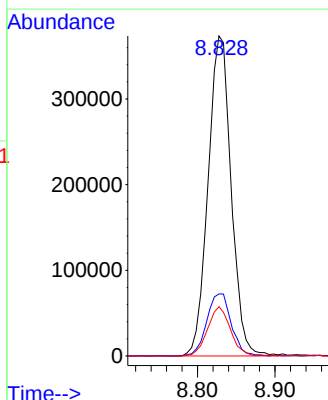
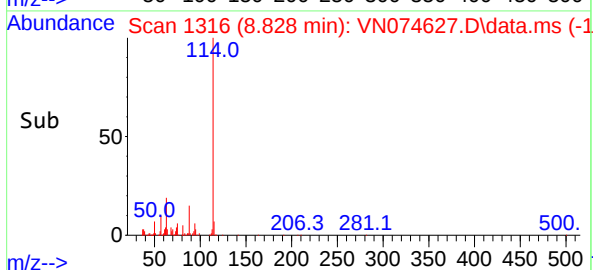
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

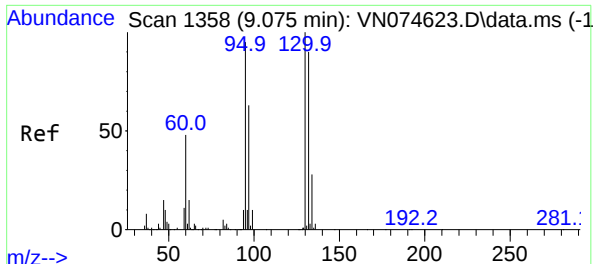


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.828 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05



Tgt Ion:114 Resp: 773847
Ion Ratio Lower Upper
114 100
63 20.6 16.6 25.0
88 15.1 12.2 18.4





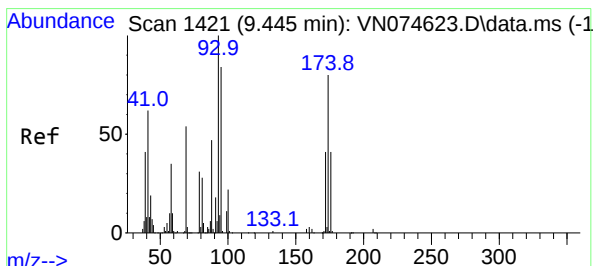
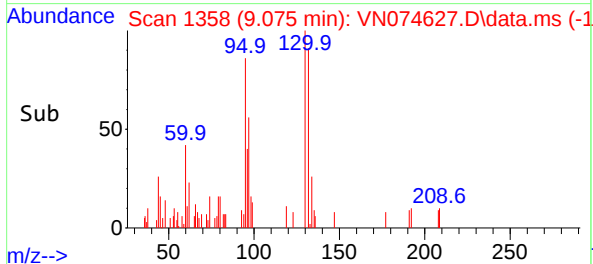
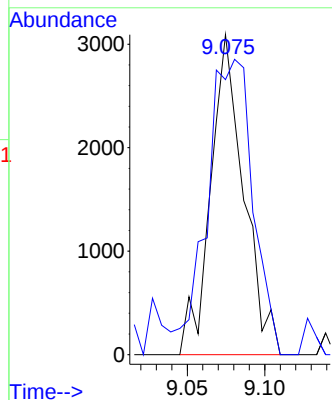
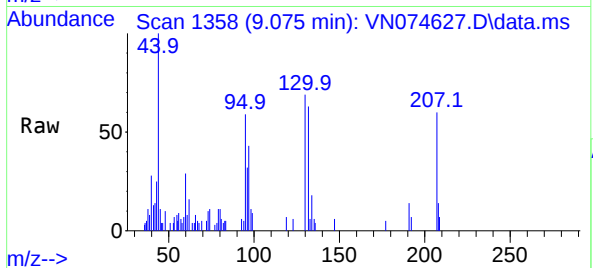
#37
Trichloroethene
Concen: 0.454 ug/l
RT: 9.075 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:130 Resp: 461
Ion Ratio Lower Upper
130 100
95 77.7 75.9 113.9

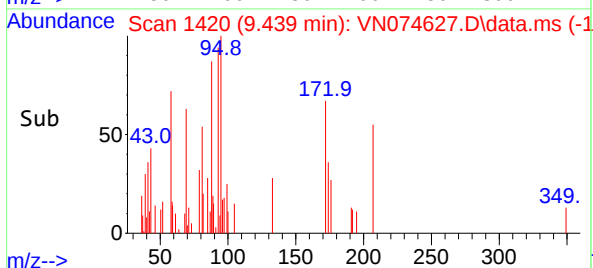
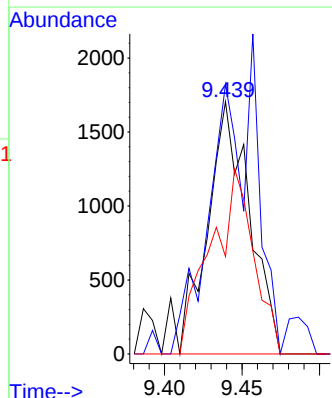
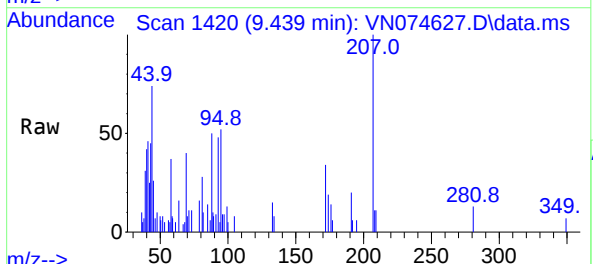
Manual Integrations
APPROVED

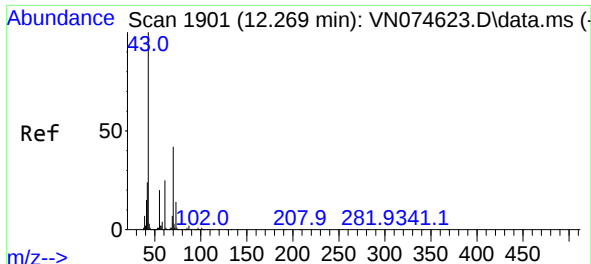
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#40
Dibromomethane
Concen: 0.392 ug/l
RT: 9.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

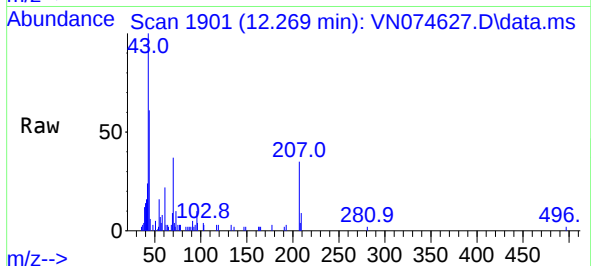
Tgt Ion: 93 Resp: 3201
Ion Ratio Lower Upper
93 100
95 70.9 0.0 168.0
174 40.6 0.0 158.4





#47
n-amyl acetate
Concen: 0.563 ug/l
RT: 12.269 min Scan# 1501
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

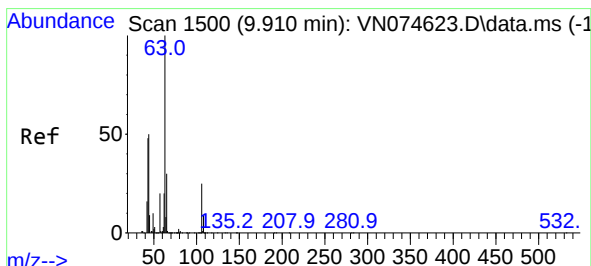
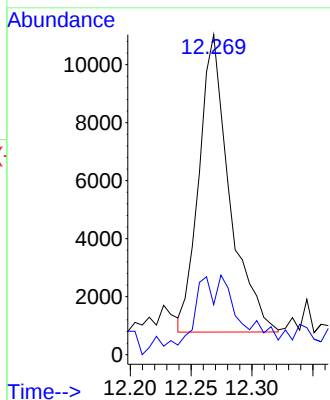
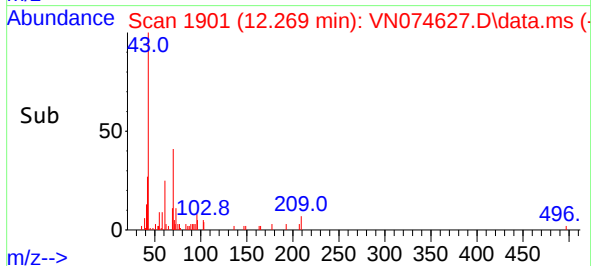
Instrument : MSVOA_N
ClientSampleId : VIBLK



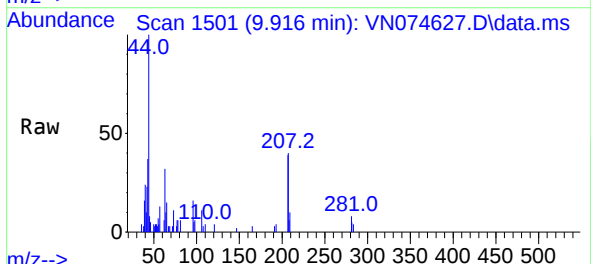
Tgt Ion: 43 Resp: 1786
Ion Ratio Lower Upper
43 100
55 14.9 16.8 25.2

Manual Integrations
APPROVED

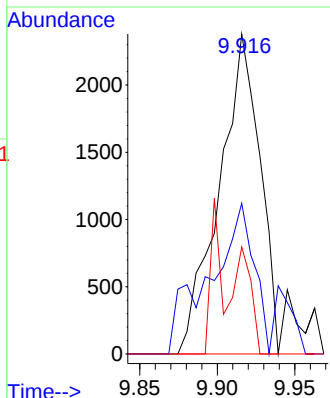
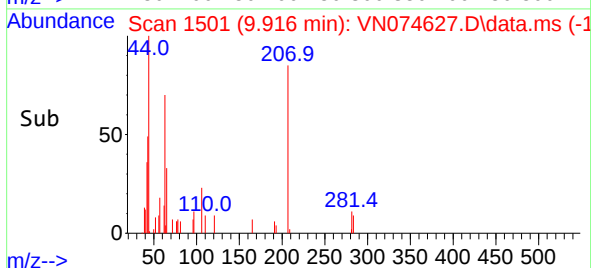
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

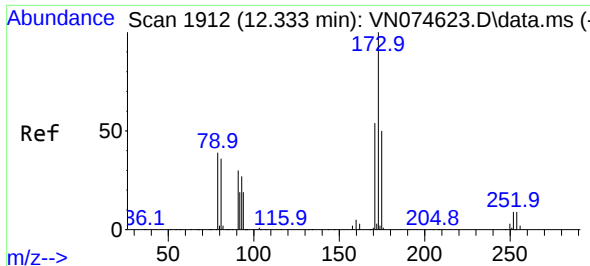


#55
2-Chloroethyl vinyl ether
Concen: 0.503 ug/l
RT: 9.916 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05



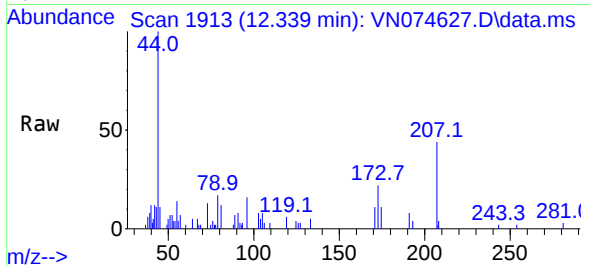
Tgt Ion: 63 Resp: 4353
Ion Ratio Lower Upper
63 100
65 40.8 24.6 36.8#
106 14.3 21.3 31.9#





#56
Bromoform
Concen: 0.216 ug/l
RT: 12.339 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

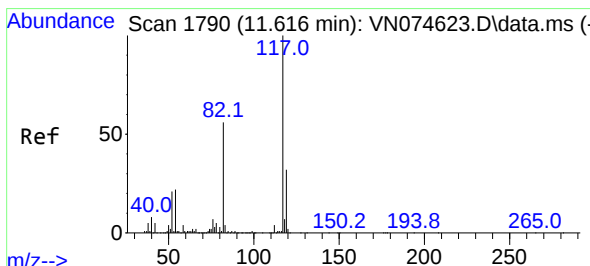
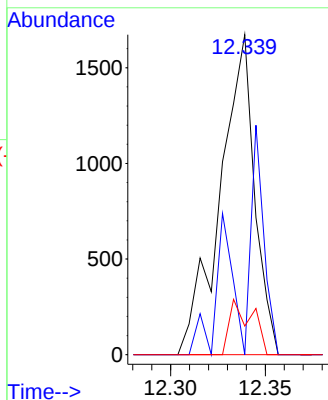
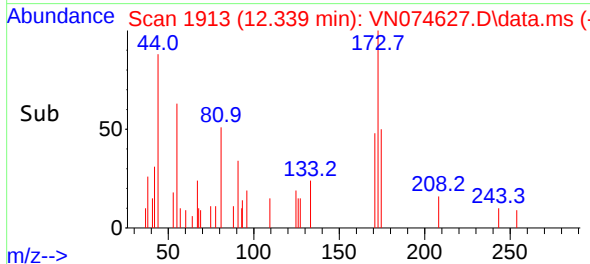
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



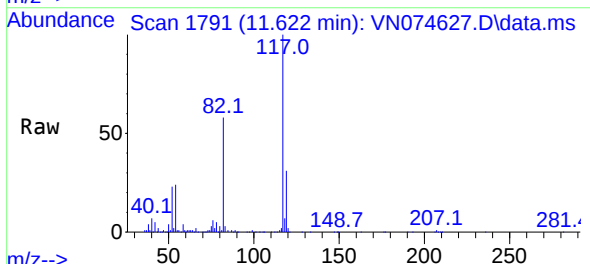
Tgt Ion:173 Resp: 2110
Ion Ratio Lower Upper
173 100
175 26.6 39.1 58.7
254 11.4 7.0 10.6

Manual Integrations
APPROVED

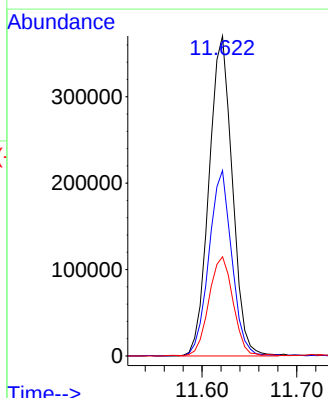
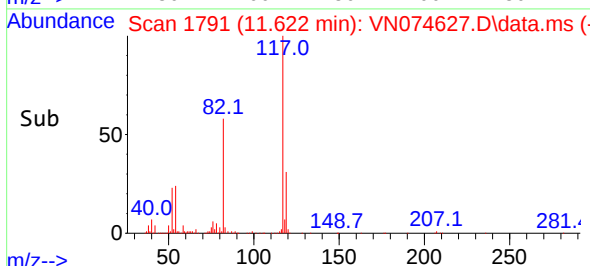
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

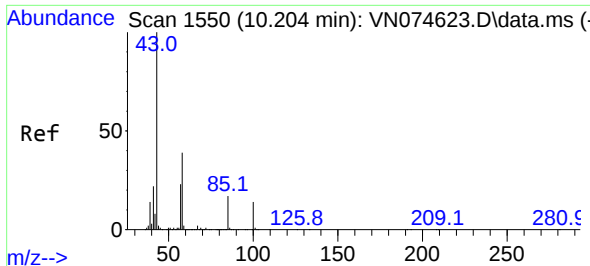


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.622 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05



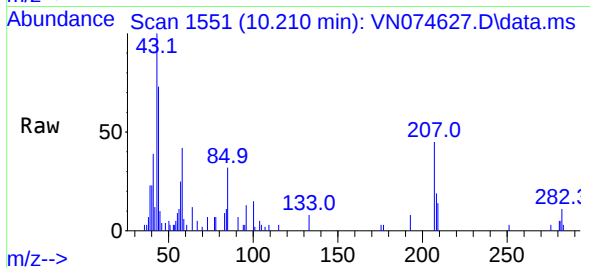
Tgt Ion:117 Resp: 632618
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 32.0 25.6 38.4





#58
4-Methyl-2-Pentanone
Concen: 0.652 ug/l
RT: 10.210 min Scan# 1551
Delta R.T. 0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

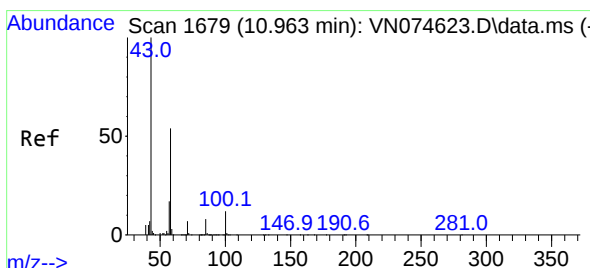
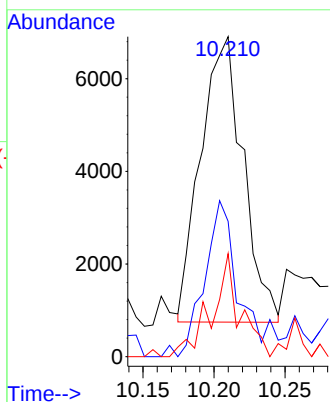
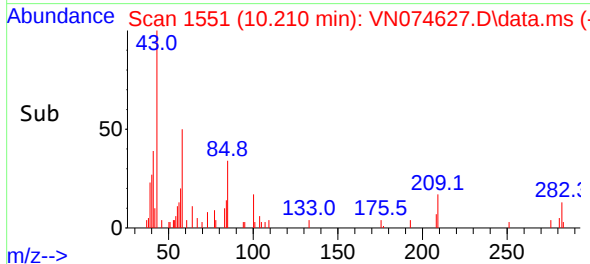
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



Tgt Ion: 43 Resp: 12790
Ion Ratio Lower Upper
43 100
58 37.9 30.8 46.2
85 11.3 13.3 19.9

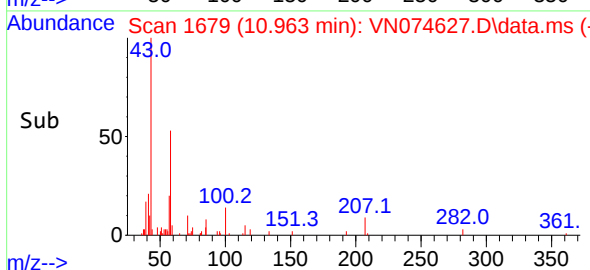
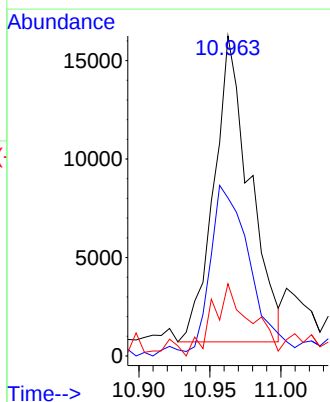
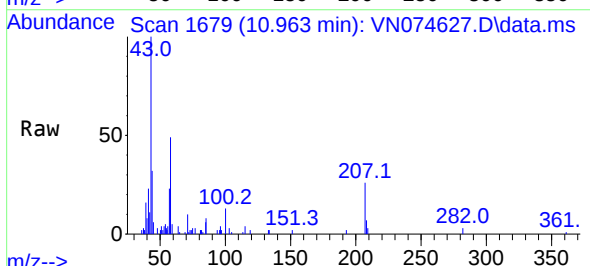
Manual Integrations
APPROVED

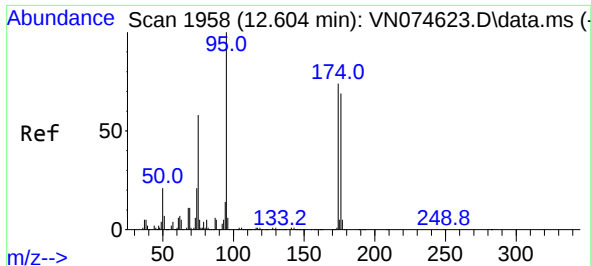
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#59
2-Hexanone
Concen: 1.788 ug/l
RT: 10.963 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Tgt Ion: 43 Resp: 27181
Ion Ratio Lower Upper
43 100
58 62.1 43.6 65.4
57 20.3 14.3 21.5





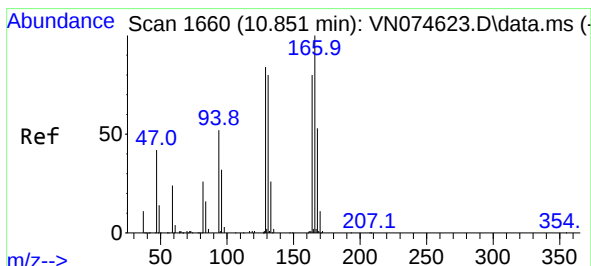
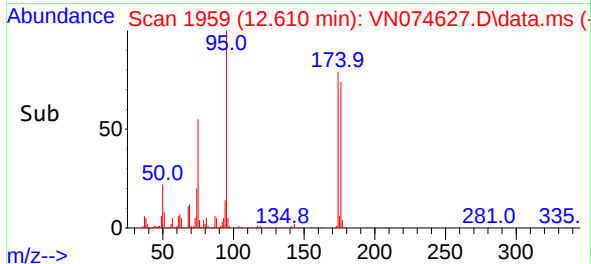
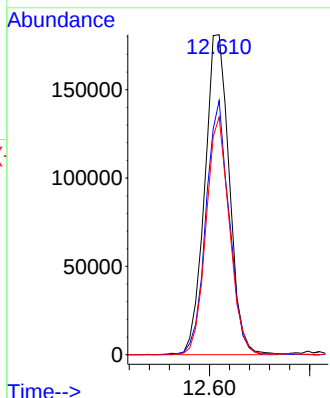
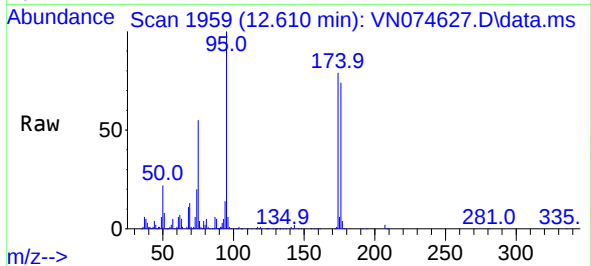
#60
4-Bromofluorobenzene
Concen: 25.042 ug/l
RT: 12.610 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 307720
Ion Ratio Lower Upper
95 100
174 75.0 57.8 86.8
176 70.8 57.0 85.4

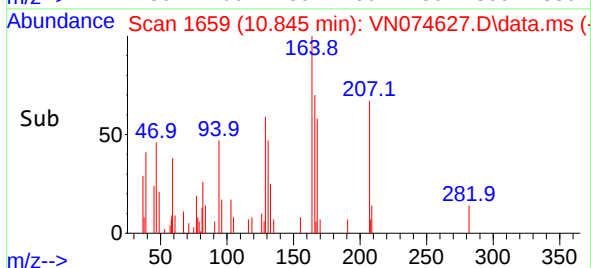
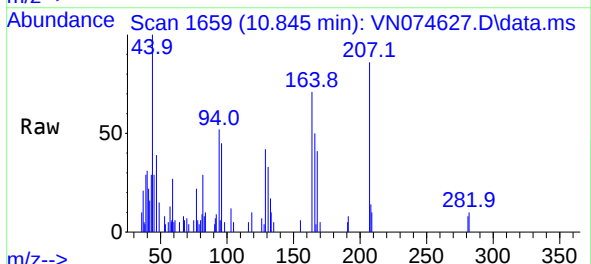
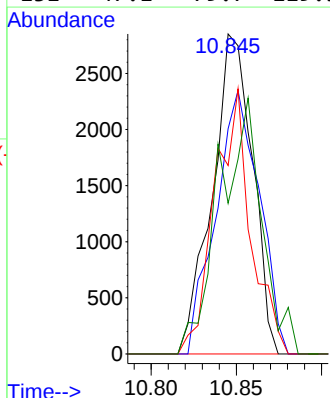
Manual Integrations
APPROVED

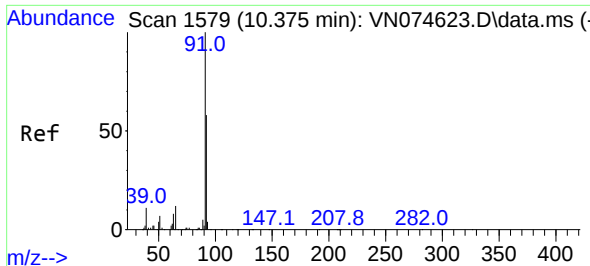
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#61
Tetrachloroethene
Concen: 0.664 ug/l
RT: 10.845 min Scan# 1659
Delta R.T. -0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Tgt Ion:164 Resp: 4684
Ion Ratio Lower Upper
164 100
166 70.4 99.6 149.4#
129 58.9 84.0 126.0#
131 47.1 79.7 119.5#





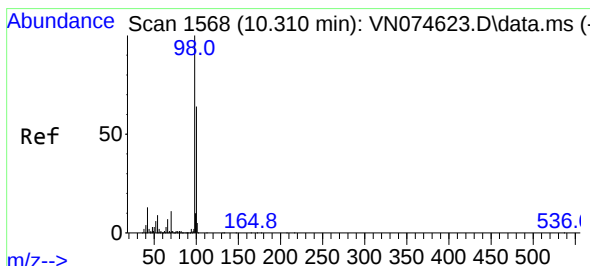
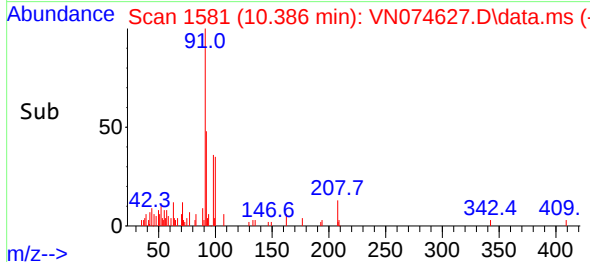
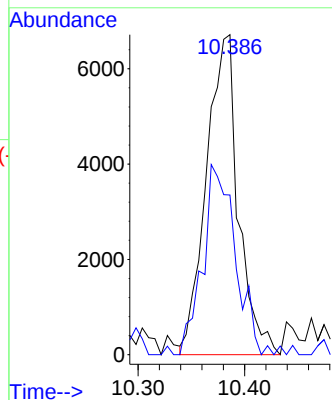
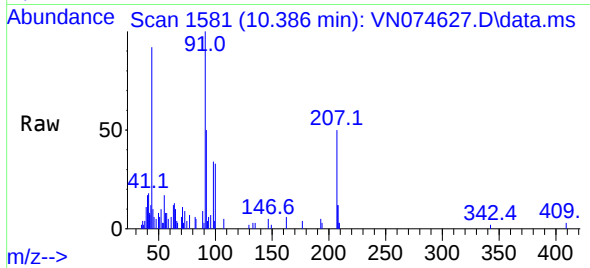
#62
Toluene
Concen: 0.303 ug/l
RT: 10.386 min Scan# 1581
Delta R.T. 0.012 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 14020
Ion Ratio Lower Upper
91 100
92 55.4 46.0 69.0

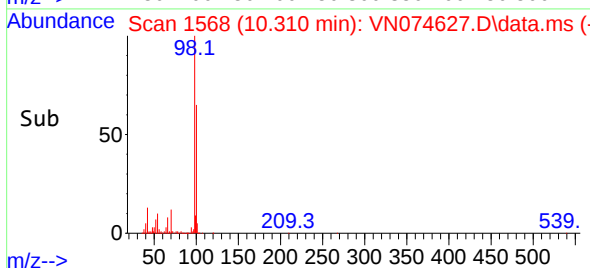
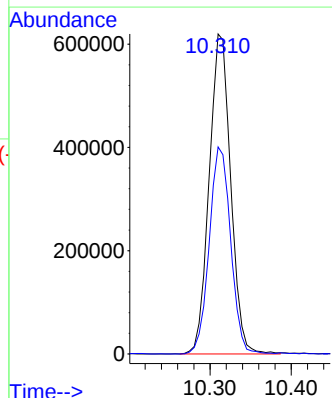
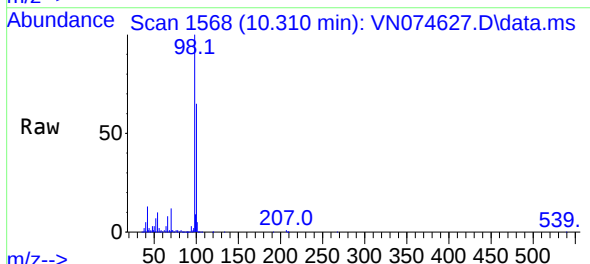
Manual Integrations
APPROVED

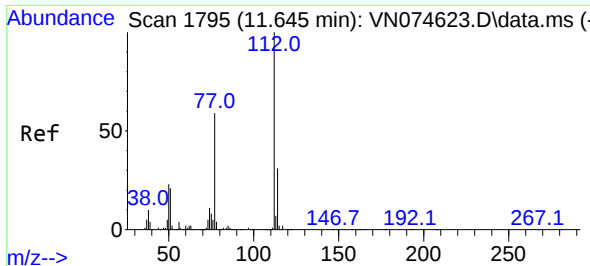
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#63
Toluene-d8
Concen: 31.926 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

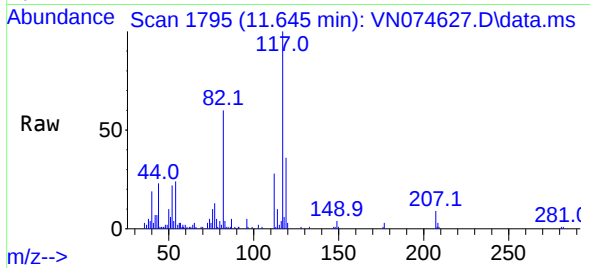
Tgt Ion: 98 Resp: 1139202
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1





#64
Chlorobenzene
Concen: 0.532 ug/l
RT: 11.645 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

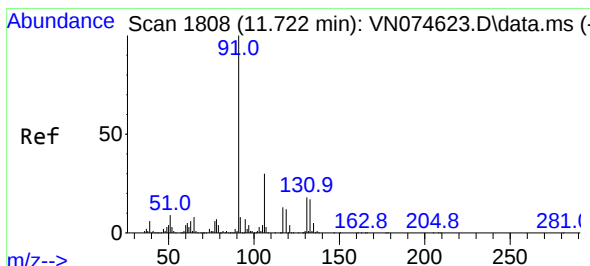
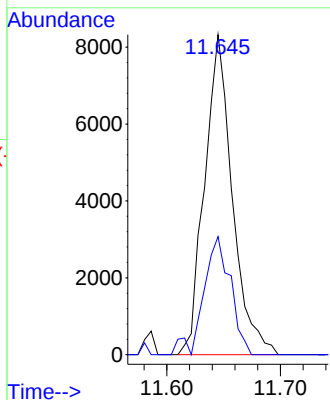
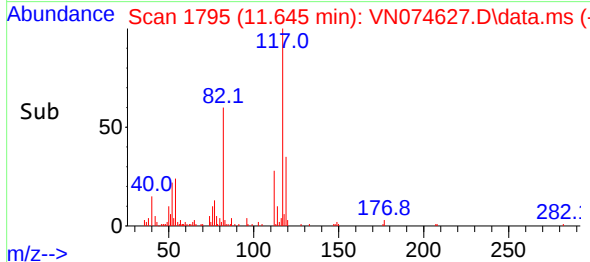
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



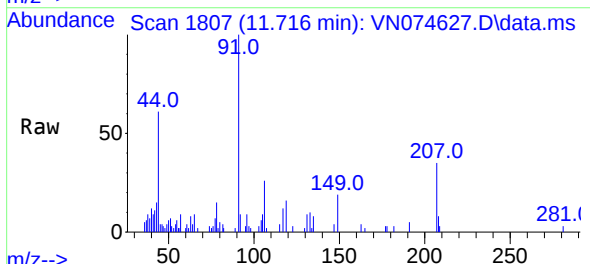
Tgt Ion:112 Resp: 14129
Ion Ratio Lower Upper
112 100
114 36.9 24.7 37.1

Manual Integrations
APPROVED

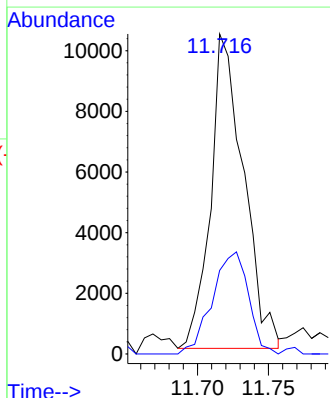
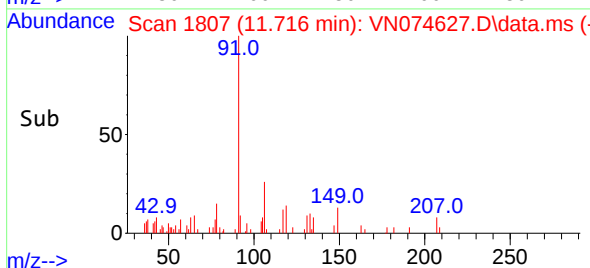
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

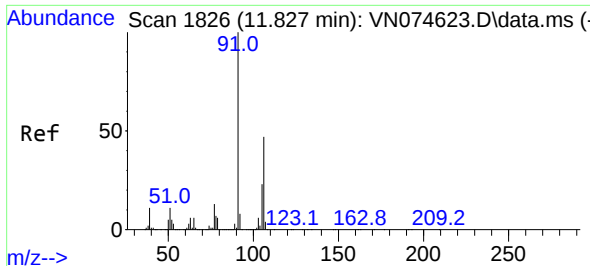


#66
Ethyl Benzene
Concen: 0.340 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05



Tgt Ion: 91 Resp: 16741
Ion Ratio Lower Upper
91 100
106 26.5 24.1 36.1





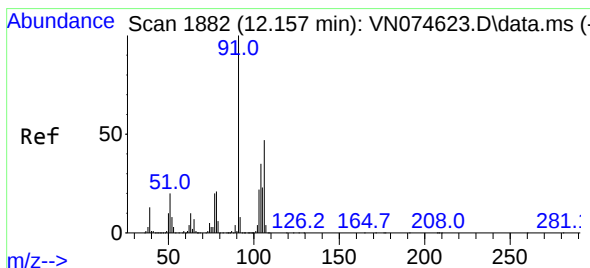
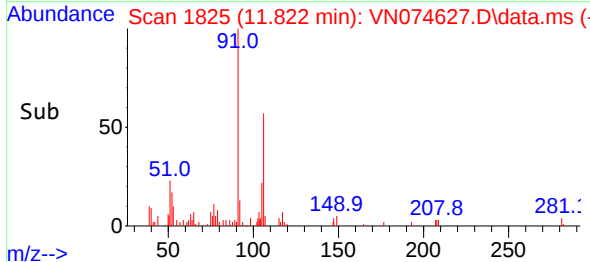
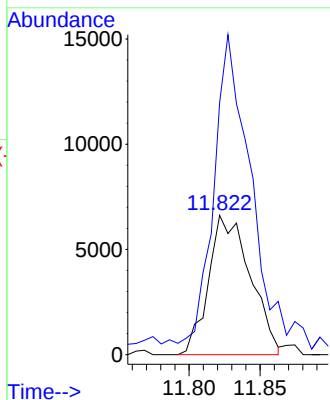
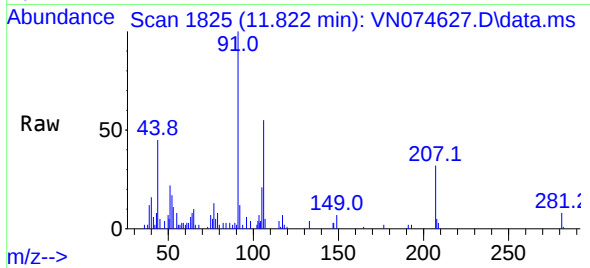
#67
m/p-Xylenes
Concen: 0.686 ug/l
RT: 11.822 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:106 Resp: 13540
Ion Ratio Lower Upper
106 100
91 200.8 164.2 246.4

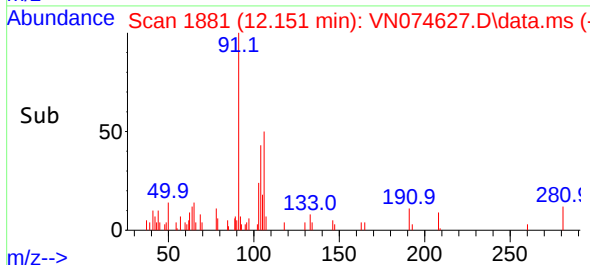
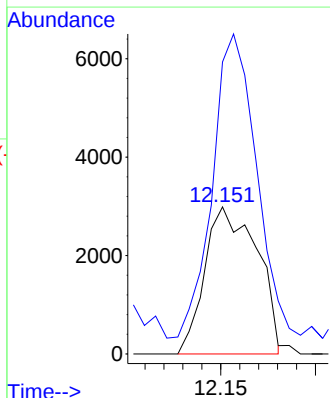
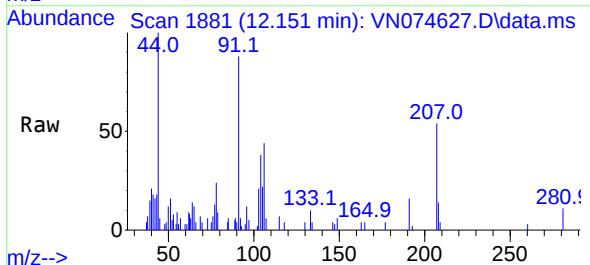
Manual Integrations
APPROVED

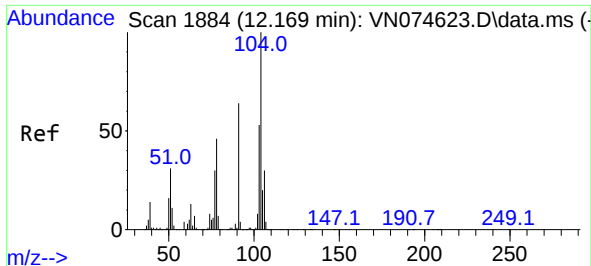
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#68
o-Xylene
Concen: 0.286 ug/l
RT: 12.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

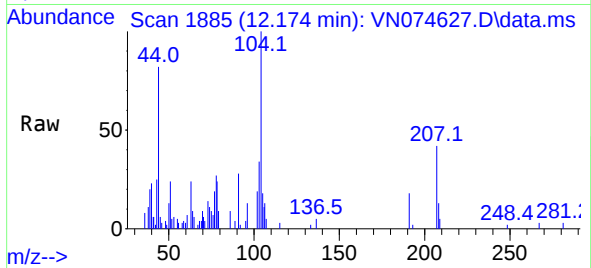
Tgt Ion:106 Resp: 5760
Ion Ratio Lower Upper
106 100
91 176.6 108.5 325.5





#69
Styrene
Concen: 0.417 ug/l
RT: 12.174 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

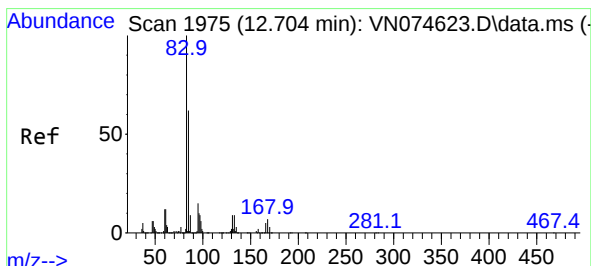
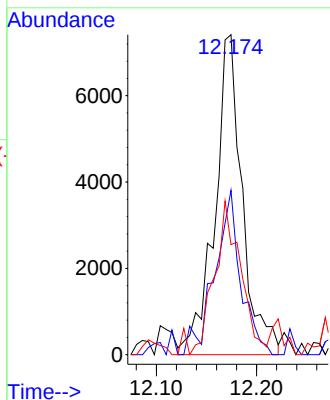
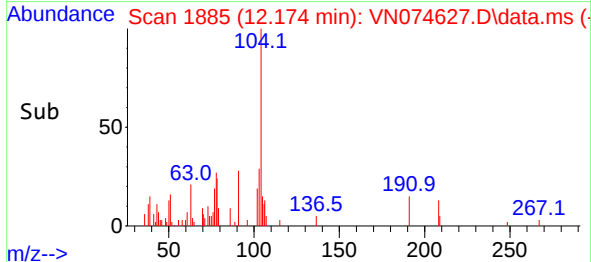
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



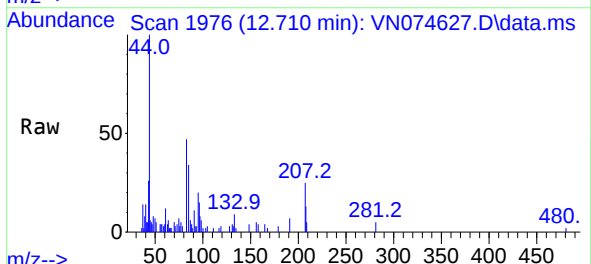
Tgt Ion:104 Resp: 14092
Ion Ratio Lower Upper
104 100
78 45.7 39.9 59.9
103 45.9 43.8 65.8

Manual Integrations
APPROVED

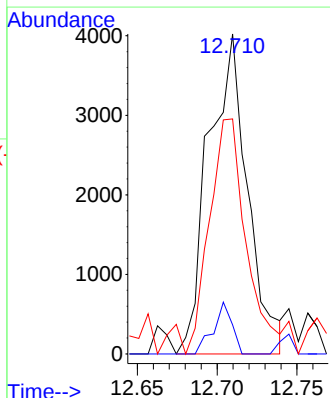
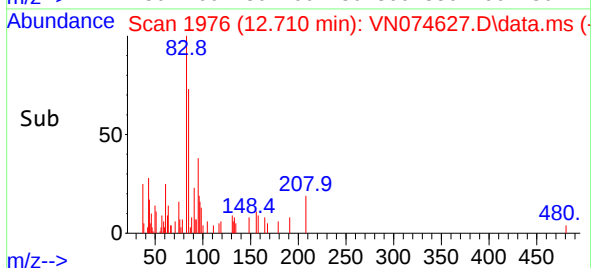
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

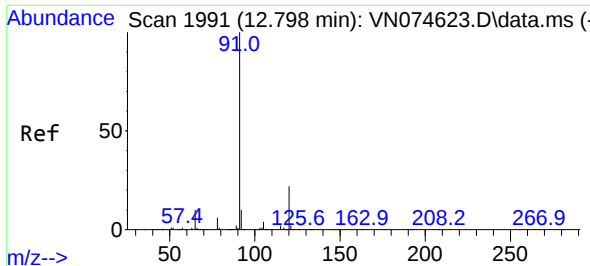


#71
1,1,2,2-Tetrachloroethane
Concen: 0.375 ug/l m
RT: 12.710 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05



Tgt Ion: 83 Resp: 6832
Ion Ratio Lower Upper
83 100
131 7.7 4.5 13.5
85 68.9 30.9 92.7





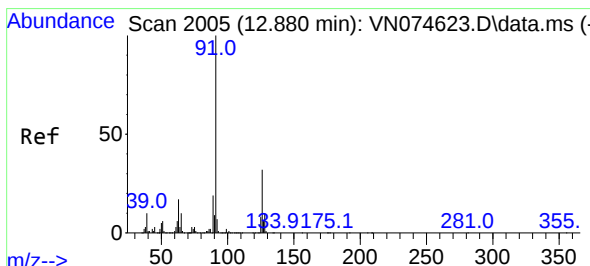
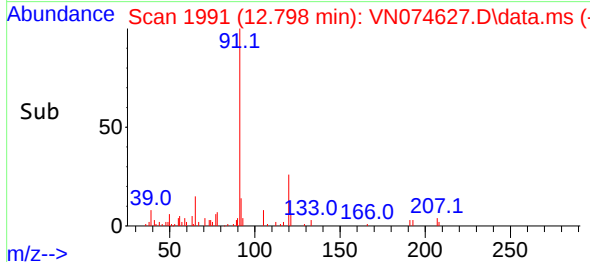
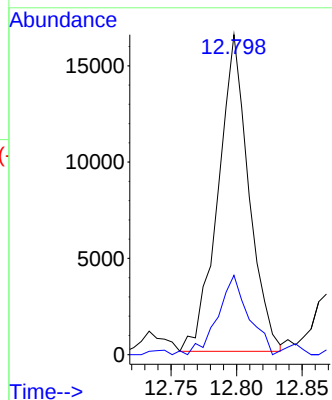
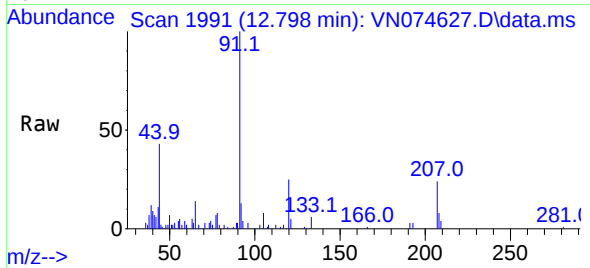
#74
n-propylbenzene
Concen: 0.464 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 2682
Ion Ratio Lower Upper
91 100
120 24.9 0.0 44.6

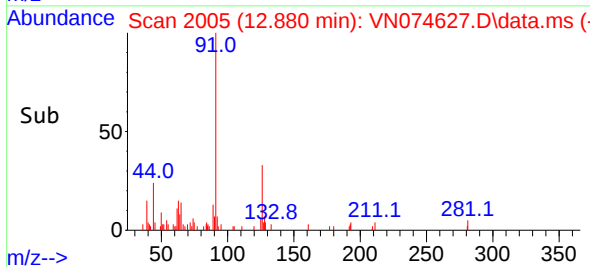
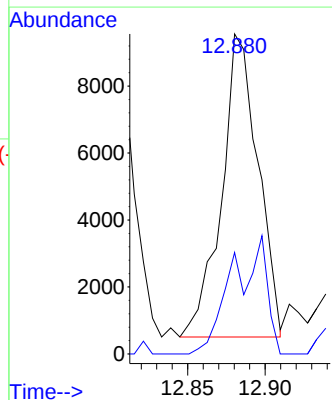
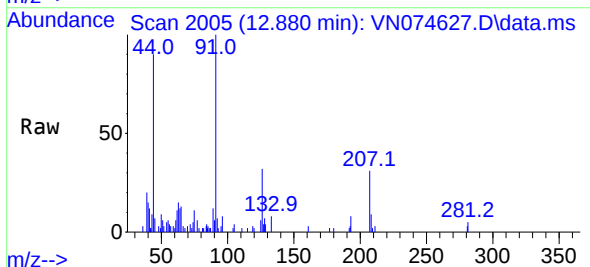
Manual Integrations
APPROVED

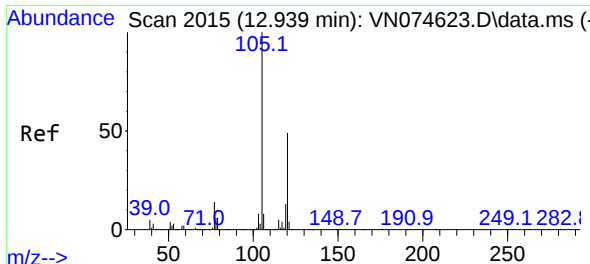
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#75
2-Chlorotoluene
Concen: 0.422 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

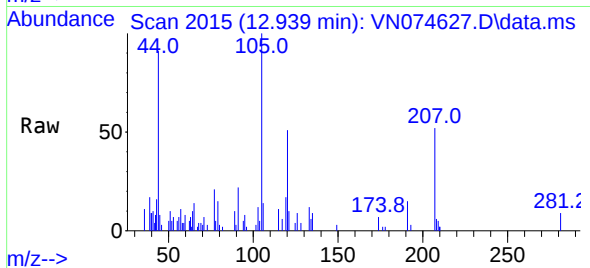
Tgt Ion: 91 Resp: 14793
Ion Ratio Lower Upper
91 100
126 19.7 0.0 66.2





#76
1,3,5-Trimethylbenzene
Concen: 0.307 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

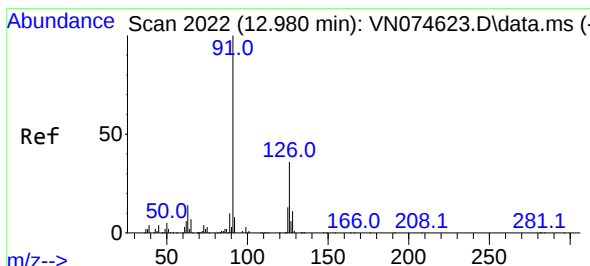
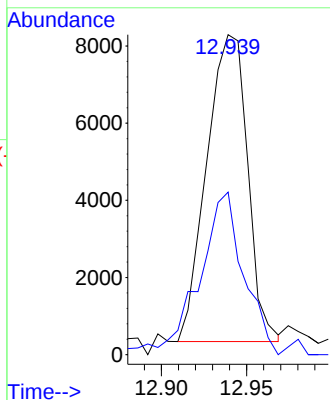
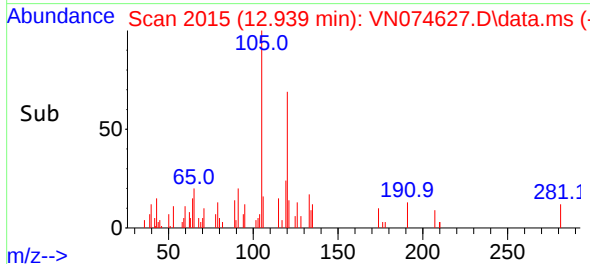
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



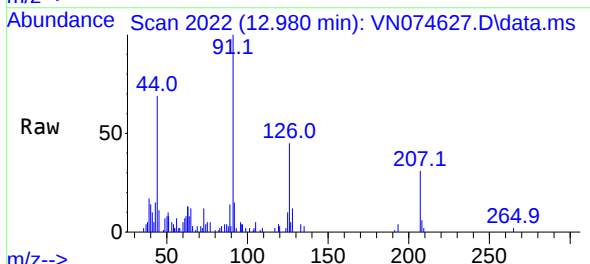
Tgt Ion:105 Resp: 1327
Ion Ratio Lower Upper
105 100
120 56.1 0.0 97.4

Manual Integrations
APPROVED

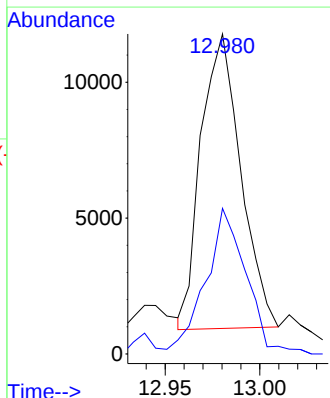
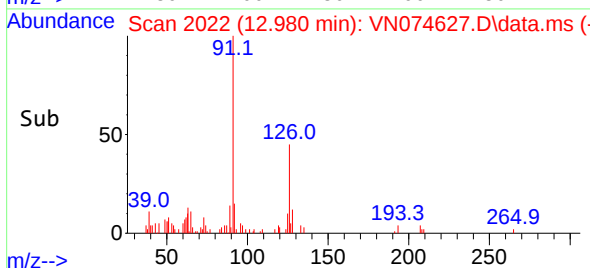
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

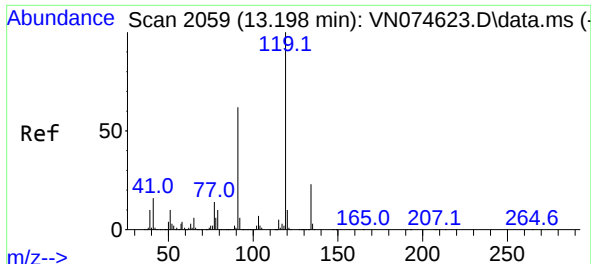


#78
4-Chlorotoluene
Concen: 0.450 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05



Tgt Ion: 91 Resp: 15819
Ion Ratio Lower Upper
91 100
126 48.9 0.0 67.8





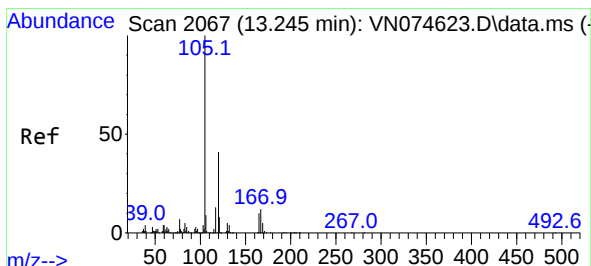
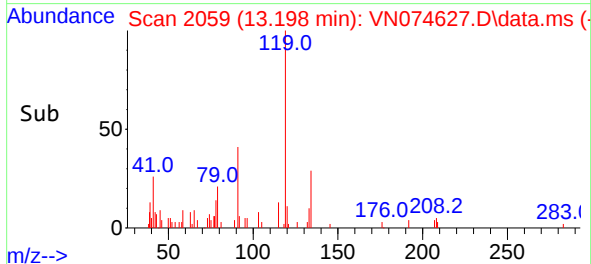
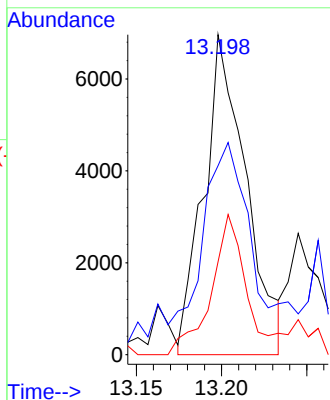
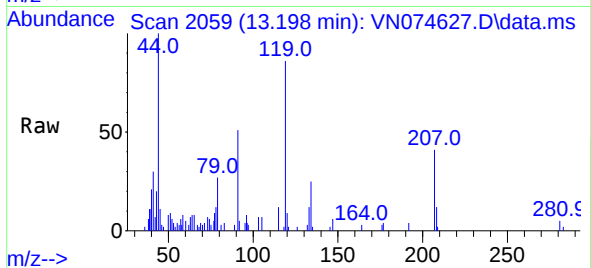
#79
tert-butylbenzene
Concen: 0.318 ug/l
RT: 13.198 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:119 Resp: 1201
Ion Ratio Lower Upper
119 100
91 68.7 0.0 129.0
134 35.1 0.0 52.2

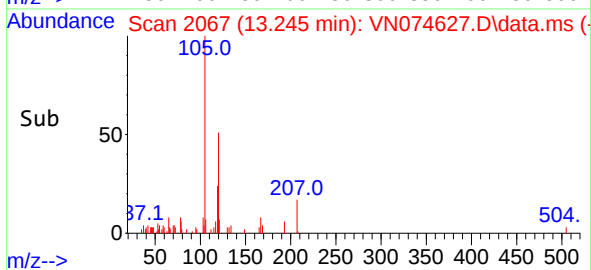
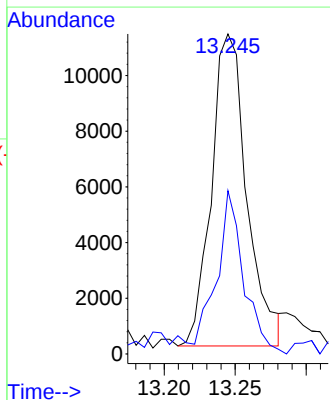
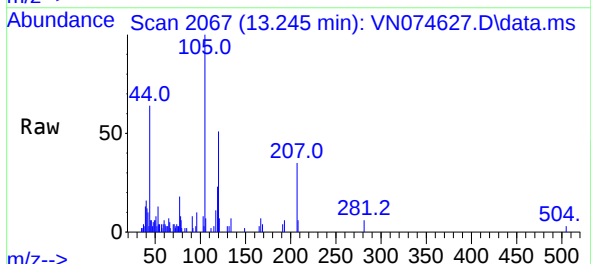
Manual Integrations
APPROVED

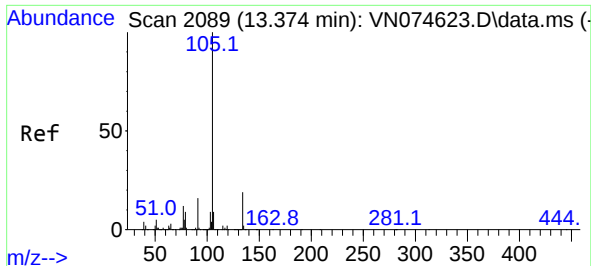
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#80
1,2,4-Trimethylbenzene
Concen: 0.455 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

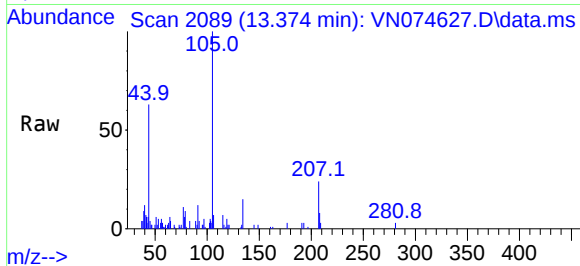
Tgt Ion:105 Resp: 19419
Ion Ratio Lower Upper
105 100
120 40.4 0.0 93.2





#81
sec-Butylbenzene
Concen: 0.346 ug/l
RT: 13.374 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

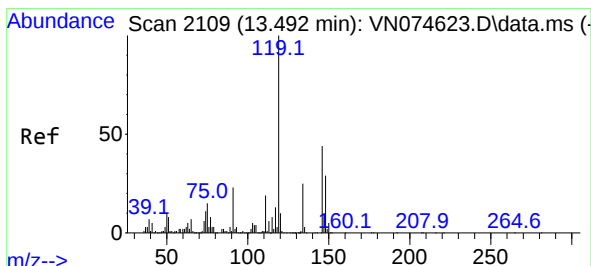
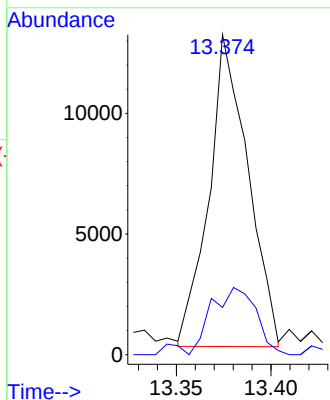
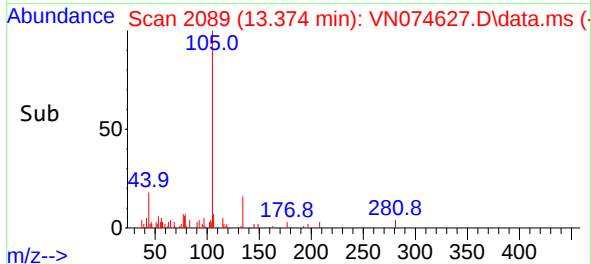
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



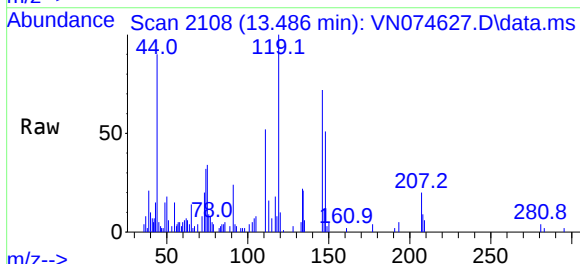
Tgt Ion:105 Resp: 1851
Ion Ratio Lower Upper
105 100
134 24.6 0.0 38.8

Manual Integrations
APPROVED

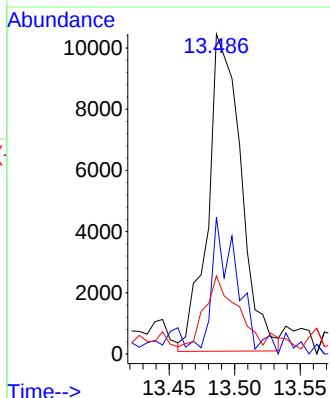
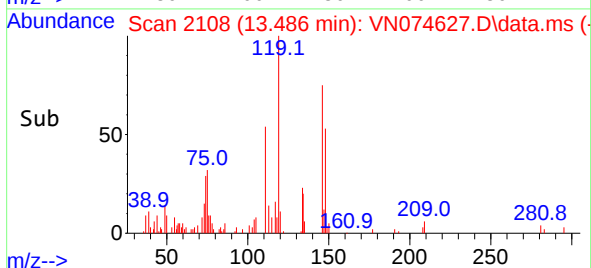
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

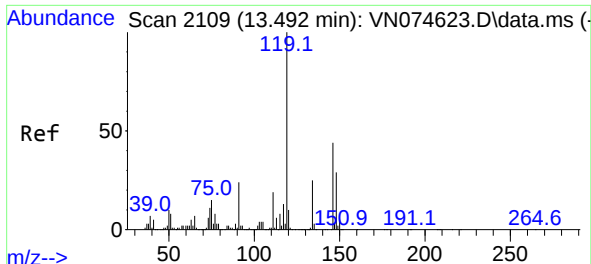


#82
p-Isopropyltoluene
Concen: 0.413 ug/l
RT: 13.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05



Tgt Ion:119 Resp: 18216
Ion Ratio Lower Upper
119 100
134 30.6 0.0 51.4
91 20.9 0.0 46.8





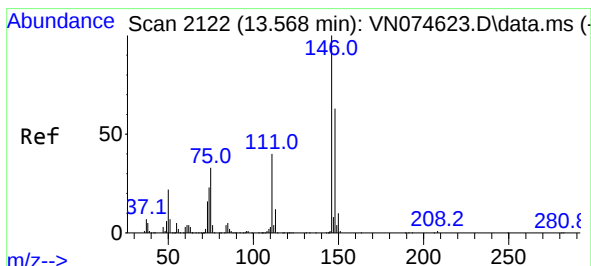
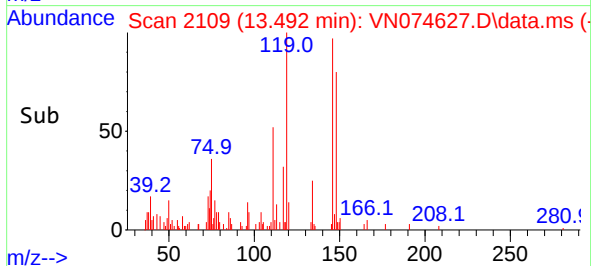
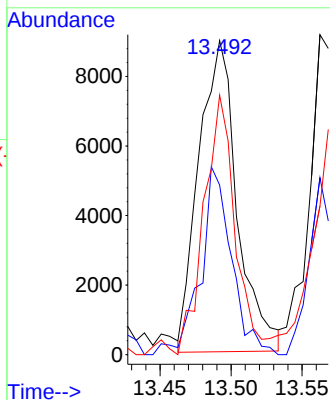
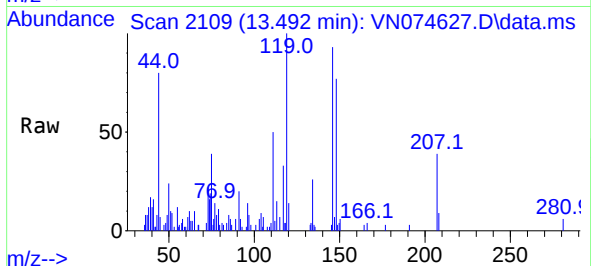
#83
1,3-Dichlorobenzene
Concen: 0.797 ug/l
RT: 13.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:146 Resp: 16874
Ion Ratio Lower Upper
146 100
111 46.9 20.5 61.5
148 66.6 31.0 93.0

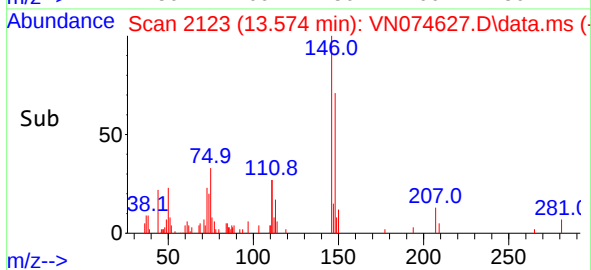
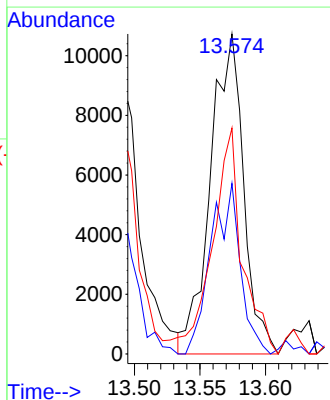
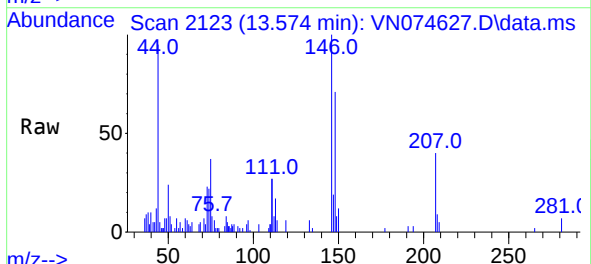
Manual Integrations
APPROVED

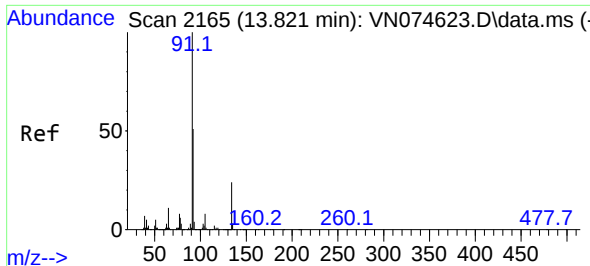
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#84
1,4-Dichlorobenzene
Concen: 0.894 ug/l
RT: 13.574 min Scan# 2123
Delta R.T. 0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

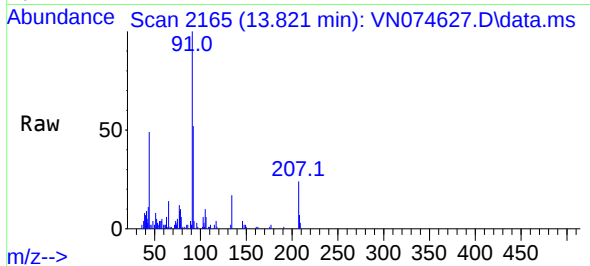
Tgt Ion:146 Resp: 18840
Ion Ratio Lower Upper
146 100
111 47.4 19.1 57.5
148 64.8 31.7 95.1





#85
n-Butylbenzene
Concen: 0.698 ug/l
RT: 13.821 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

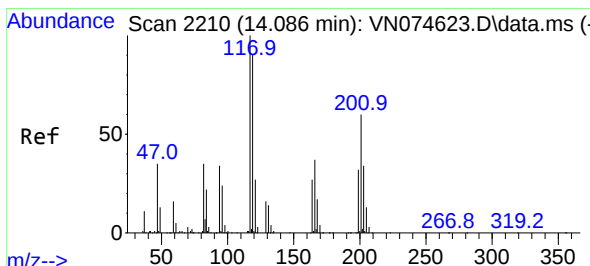
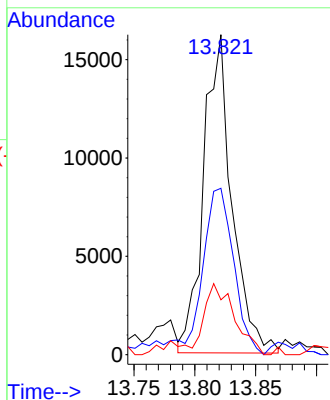
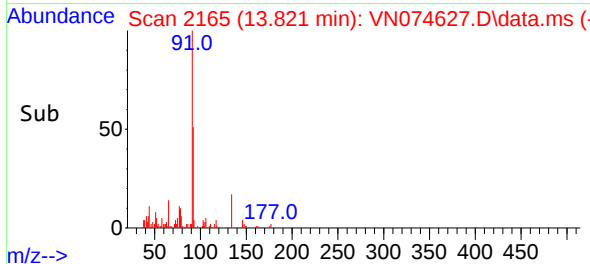
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



Tgt Ion: 91 Resp: 2623
Ion Ratio Lower Upper
91 100
92 55.3 0.0 105.4
134 23.4 0.0 46.4

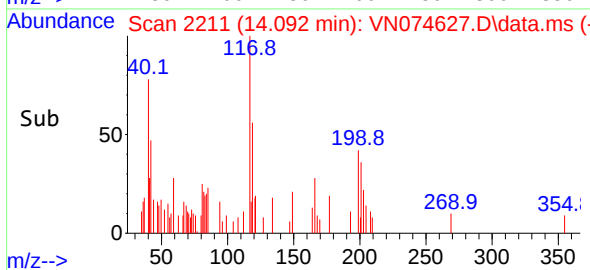
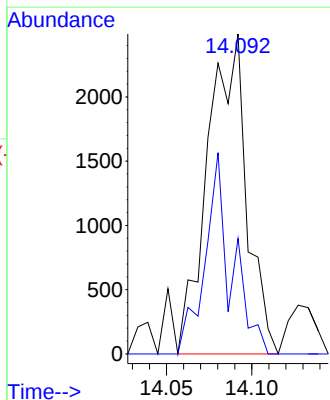
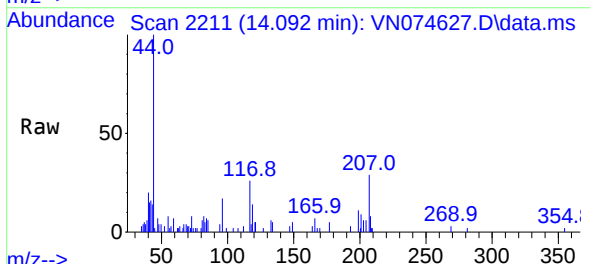
Manual Integrations
APPROVED

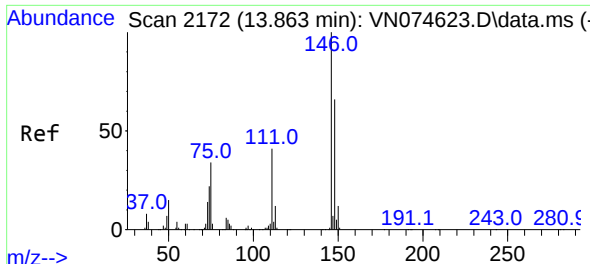
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#86
Hexachloroethane
Concen: 0.468 ug/l
RT: 14.092 min Scan# 2211
Delta R.T. 0.006 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Tgt Ion:117 Resp: 3974
Ion Ratio Lower Upper
117 100
201 30.4 29.4 88.3





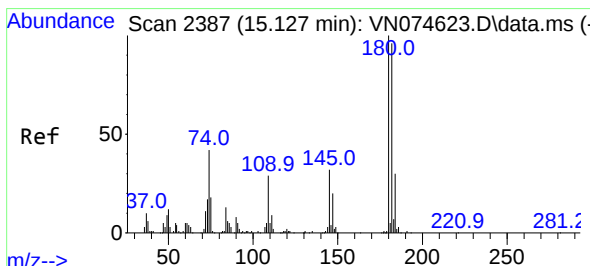
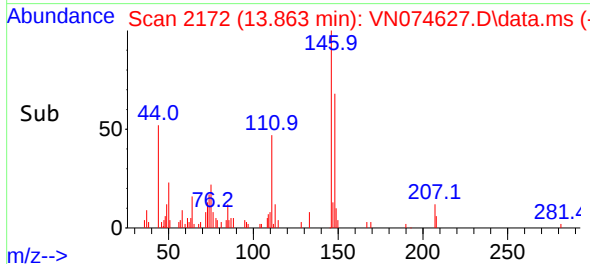
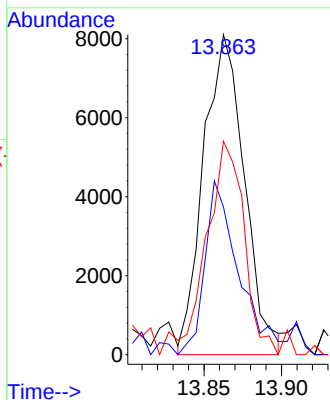
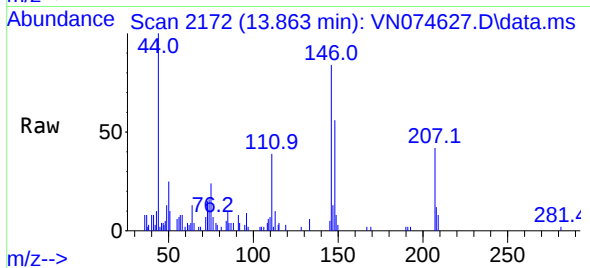
#87
1,2-Dichlorobenzene
Concen: 0.684 ug/l
RT: 13.863 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:	146	Resp:	1482
Ion Ratio	Lower	Upper	
146	100		
111	44.8	21.4	64.2
148	59.6	30.6	92.0

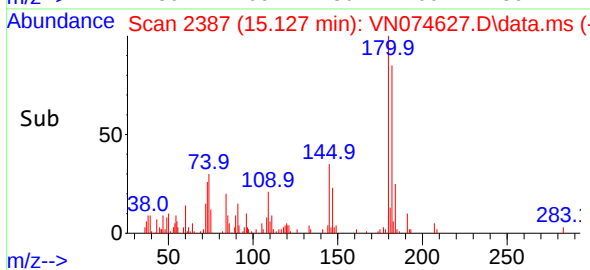
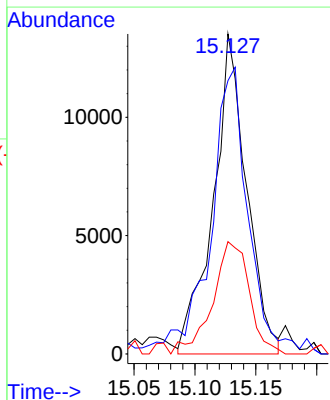
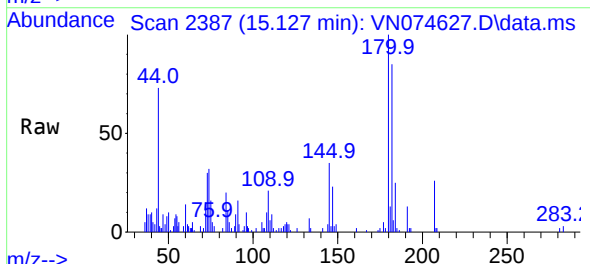
Manual Integrations
APPROVED

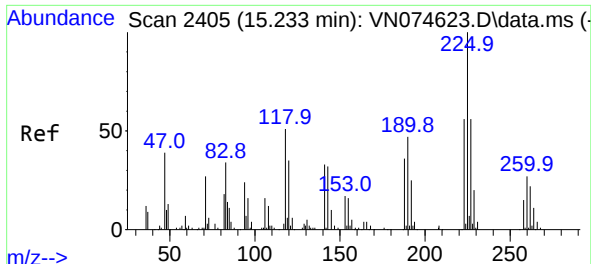
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#89
1,2,4-Trichlorobenzene
Concen: 2.858 ug/l
RT: 15.127 min Scan# 2387
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

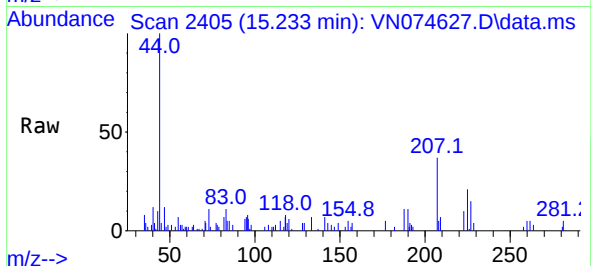
Tgt Ion:	180	Resp:	25833
Ion Ratio	Lower	Upper	
180	100		
182	92.7	74.9	112.3
145	37.2	26.3	39.5





#90
Hexachlorobutadiene
Concen: 1.144 ug/l m
RT: 15.233 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05

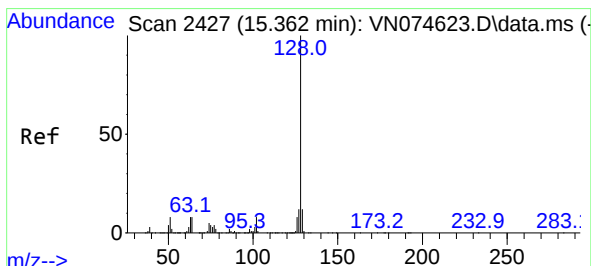
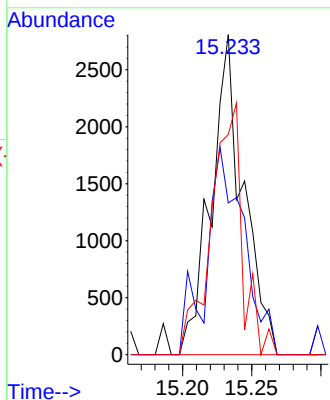
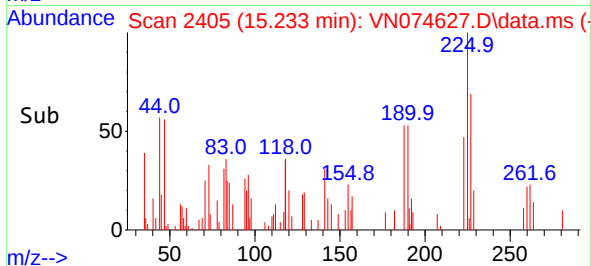
Instrument :
MSVOA_N
ClientSampleId :
VIBLK



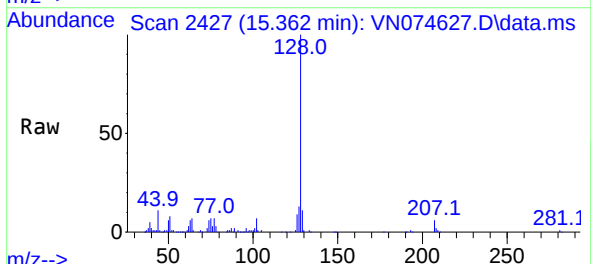
Tgt Ion:225 Resp: 4554
Ion Ratio Lower Upper
225 100
223 28.3 0.0 125.0
227 58.2 0.0 123.0

Manual Integrations
APPROVED

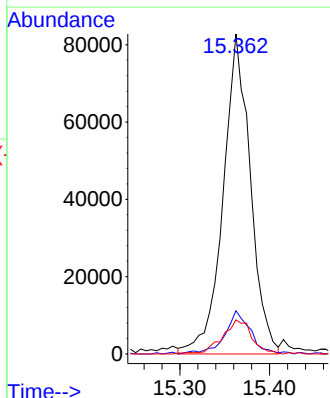
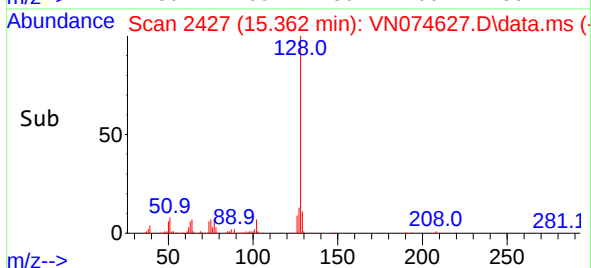
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

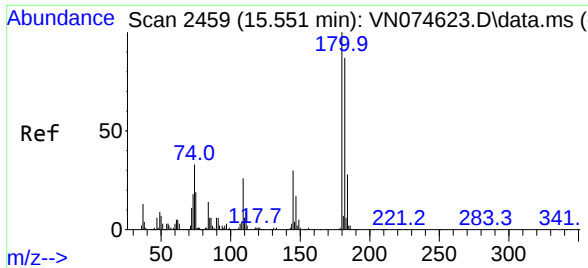


#91
Naphthalene
Concen: 4.606 ug/l
RT: 15.362 min Scan# 2427
Delta R.T. -0.000 min
Lab File: VN074627.D
Acq: 27 Sep 2022 14:05



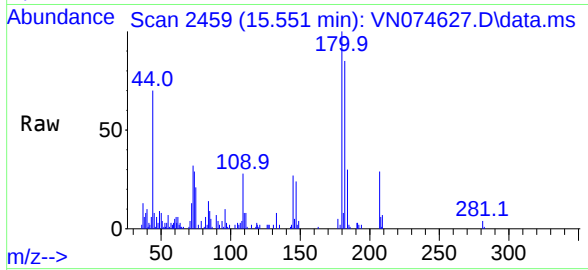
Tgt Ion:128 Resp: 174641
Ion Ratio Lower Upper
128 100
127 12.1 10.7 16.1
129 11.2 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 3.774 ug/l
 RT: 15.551 min Scan# 2459
 Delta R.T. -0.000 min
 Lab File: VN074627.D
 Acq: 27 Sep 2022 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK



Tgt Ion:180 Resp: 34204

Ion	Ratio	Lower	Upper
180	100		
182	90.9	0.0	185.4
145	12.9	0.0	68.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

