

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
 Data File : VN074651.D
 Acq On : 29 Sep 2022 09:28
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Sep 30 07:06:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:05:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	431725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.822	114	776986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	788865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	364433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.999	85	8959	0.991	ug/l	84
3) Chloromethane	2.216	50	14614	1.105	ug/l	91
4) Vinyl Chloride	2.352	62	20638	1.075	ug/l #	85
7) Trichlorofluoromethane	3.246	101	15870	1.189	ug/l #	78
8) Diethyl Ether	3.675	74	8067	1.274	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.051	101	9133	1.148	ug/l #	45
12) 1,1-Dichloroethene	4.016	96	9778	1.213	ug/l	85
13) Acrolein	3.899	56	11373	9.108	ug/l #	82
14) Allyl chloride	4.651	41	20213	1.161	ug/l	93
15) Acrylonitrile	5.357	53	35380	5.189	ug/l	95
16) Acetone	4.128	43	37352	6.396	ug/l	98
17) Carbon Disulfide	4.363	76	26593	1.130	ug/l	98
18) Methyl Acetate	4.675	43	23929	1.197	ug/l #	76
19) Methyl tert-butyl Ether	5.416	73	33596	1.092	ug/l #	90
20) Methylene Chloride	4.887	84	15985m	1.442	ug/l	
21) trans-1,2-Dichloroethene	5.404	96	10398	1.180	ug/l #	65
22) Diisopropyl ether	6.304	45	36823	1.039	ug/l #	94
23) Vinyl Acetate	6.240	43	159687	5.128	ug/l #	92
24) 1,1-Dichloroethane	6.192	63	18835	1.042	ug/l #	80
25) 2-Butanone	7.163	43	53221	5.344	ug/l	90
26) 2,2-Dichloropropane	7.157	77	17436m	1.134	ug/l	
27) cis-1,2-Dichloroethene	7.145	96	12955	1.202	ug/l	95
28) Bromochloromethane	7.492	49	7311m	0.891	ug/l	
29) Tetrahydrofuran	7.522	42	33977	5.171	ug/l	90
30) Chloroform	7.651	83	15796	0.948	ug/l	84
32) 1,1,1-Trichloroethane	7.851	97	17271	1.181	ug/l	92
36) 1,1-Dichloropropene	8.063	75	15284	1.160	ug/l	94
37) Ethyl Acetate	7.234	43	19829m	1.015	ug/l	
38) Carbon Tetrachloride	8.039	117	12391	1.027	ug/l #	83
39) Methylcyclohexane	9.322	83	16058	0.977	ug/l #	72
40) Benzene	8.310	78	40912	1.008	ug/l	93
41) Methacrylonitrile	7.469	41	8610	1.009	ug/l #	90
42) 1,2-Dichloroethane	8.375	62	15538	1.139	ug/l	98
43) Isopropyl Acetate	8.416	43	34037	1.092	ug/l #	91
44) Trichloroethene	9.075	130	7929	0.938	ug/l	82
45) 1,2-Dichloropropane	9.345	63	12168	1.101	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:05:22 2022
 Response via : Initial Calibration

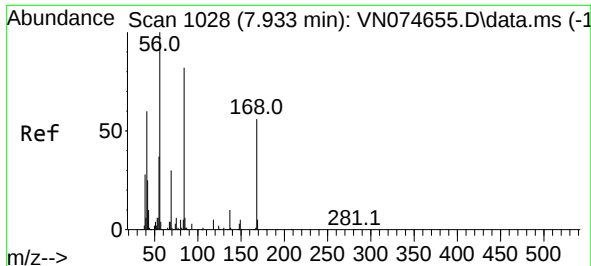
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.433	93	7734	1.110	ug/l #	45
47) Bromodichloromethane	9.622	83	14585	1.071	ug/l #	91
48) Methyl methacrylate	9.422	41	12876	1.003	ug/l	93
49) 1,4-Dioxane	9.428	88	5234	21.369	ug/l #	91
51) 4-Methyl-2-Pentanone	10.198	43	97830	4.962	ug/l	91
52) Toluene	10.369	92	24229	0.988	ug/l	100
53) t-1,3-Dichloropropene	10.598	75	14287	0.926	ug/l	95
54) cis-1,3-Dichloropropene	10.057	75	17791	1.046	ug/l	98
55) 1,1,2-Trichloroethane	10.775	97	11553	1.170	ug/l #	80
56) Ethyl methacrylate	10.633	69	15420	0.905	ug/l #	71
57) 1,3-Dichloropropane	10.922	76	17270	0.988	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.910	63	38410	5.521	ug/l #	86
59) 2-Hexanone	10.963	43	75194	5.046	ug/l	87
60) Dibromochloromethane	11.110	129	9525	1.002	ug/l	92
61) 1,2-Dibromoethane	11.216	107	9121	0.942	ug/l	97
64) Tetrachloroethene	10.851	164	7799	1.169	ug/l #	75
65) Chlorobenzene	11.645	112	24835	1.052	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.722	131	7521	0.893	ug/l #	52
67) Ethyl Benzene	11.716	91	42204	0.956	ug/l	94
68) m/p-Xylenes	11.822	106	33395	1.997	ug/l	96
69) o-Xylene	12.151	106	16321	0.971	ug/l	96
70) Styrene	12.174	104	24279	0.906	ug/l	92
71) Bromoform	12.333	173	7400	1.096	ug/l #	85
73) Isopropylbenzene	12.457	105	36690	1.075	ug/l	95
74) N-amyl acetate	12.269	43	26501	1.267	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.710	83	16327	1.257	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	9035m	0.954	ug/l	
77) Bromobenzene	12.739	156	9648	1.319	ug/l	95
78) n-propylbenzene	12.798	91	40889	1.038	ug/l	95
79) 2-Chlorotoluene	12.880	91	27346	1.156	ug/l	96
80) 1,3,5-Trimethylbenzene	12.933	105	26524	0.974	ug/l	100
82) 4-Chlorotoluene	12.980	91	23500	1.067	ug/l	94
83) tert-Butylbenzene	13.198	119	26658	1.096	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	26934	0.990	ug/l	95
85) sec-Butylbenzene	13.374	105	34821	1.018	ug/l	99
86) p-Isopropyltoluene	13.492	119	27514	1.016	ug/l	98
87) 1,3-Dichlorobenzene	13.486	146	14657	1.105	ug/l	93
88) 1,4-Dichlorobenzene	13.568	146	15931	1.175	ug/l	94
89) n-Butylbenzene	13.816	91	24260	1.015	ug/l	93
90) Hexachloroethane	14.086	117	6704	1.150	ug/l	71
91) 1,2-Dichlorobenzene	13.863	146	16119	1.164	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.480	75	3346	1.278	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	6501	1.051	ug/l	96
94) Hexachlorobutadiene	15.233	225	4167	1.376	ug/l	79
95) Naphthalene	15.362	128	22336	0.923	ug/l	97
96) 1,2,3-Trichlorobenzene	15.562	180	6519m	1.058	ug/l	

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

Manual Integrations

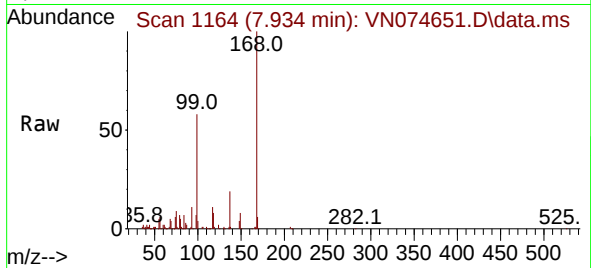
Quant Time: Sep 30 07:06:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 30 07:05:22 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.934 min Scan# 1164
Delta R.T. 0.001 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

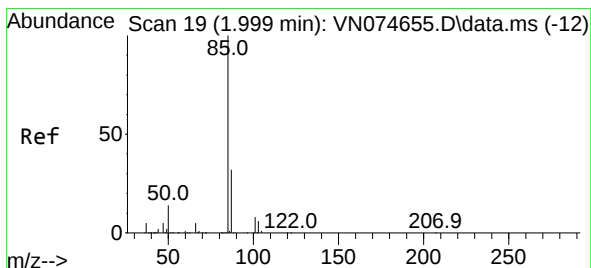
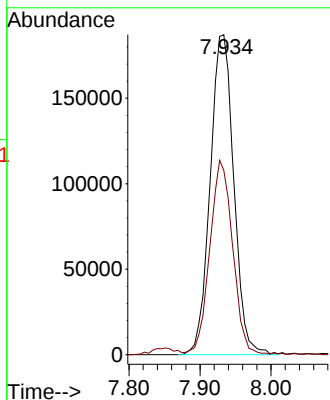
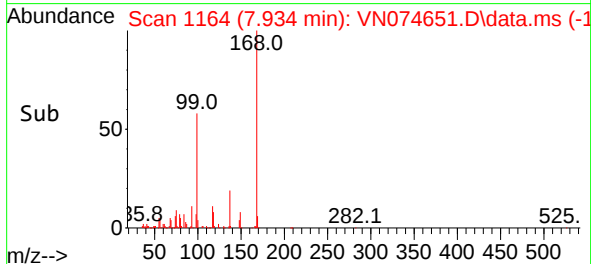
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 431725
Ion Ratio Lower Upper
168 100
99 57.3 42.3 63.5

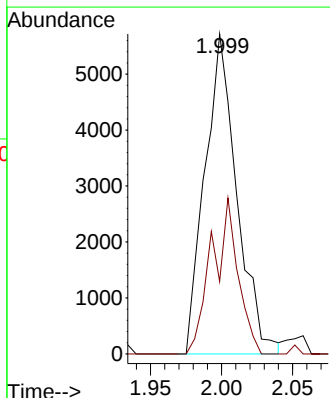
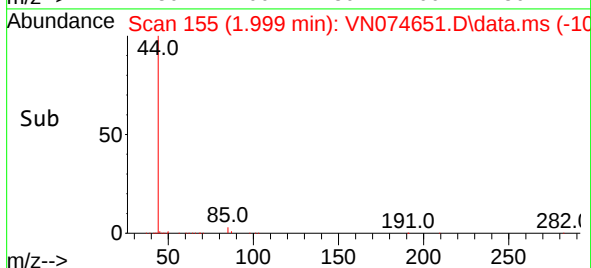
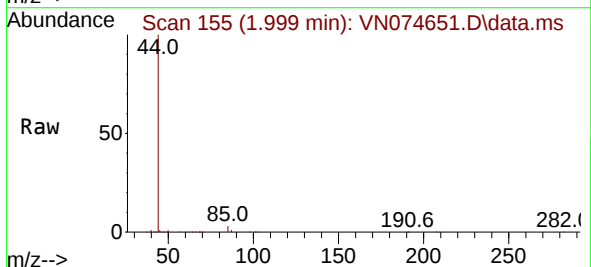
Manual Integrations
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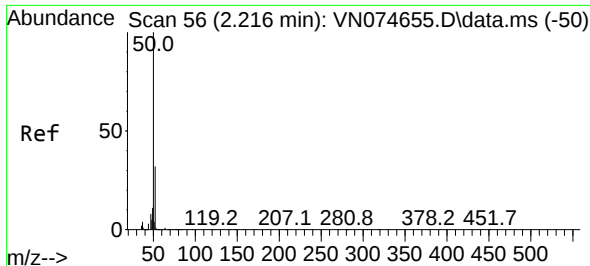
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#2
Dichlorodifluoromethane
Concen: 0.991 ug/l
RT: 1.999 min Scan# 155
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

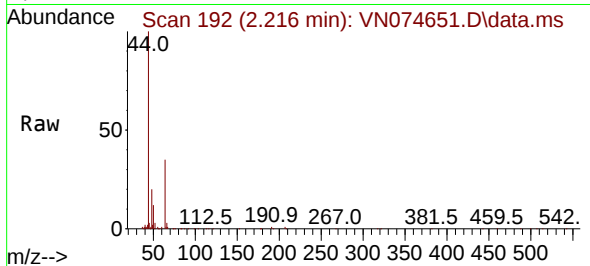
Tgt Ion: 85 Resp: 8959
Ion Ratio Lower Upper
85 100
87 22.7 15.7 47.1





#3
Chloromethane
Concen: 1.105 ug/l
RT: 2.216 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

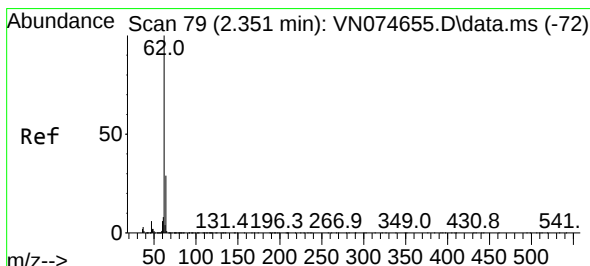
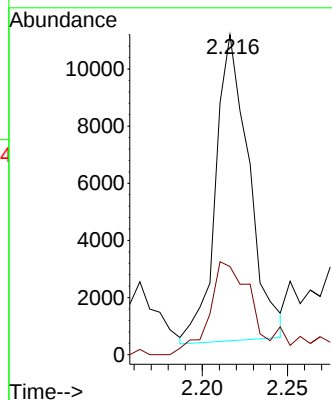
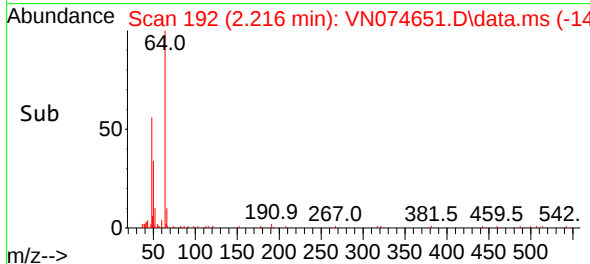
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001



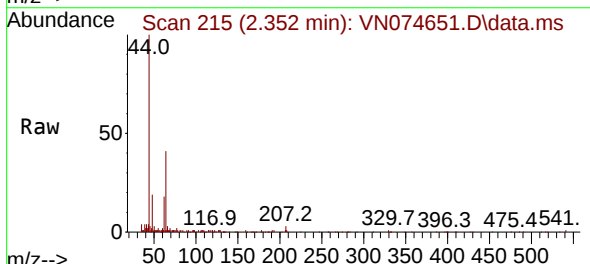
Tgt Ion: 50 Resp: 14614
Ion Ratio Lower Upper
50 100
52 27.0 25.7 38.5

Manual Integrations
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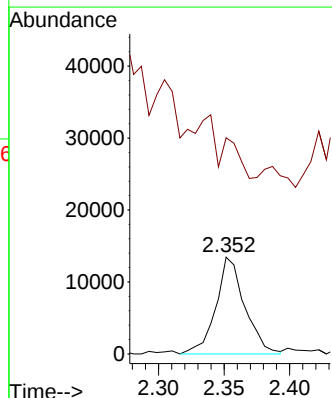
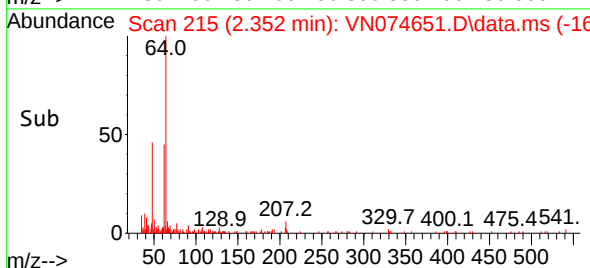
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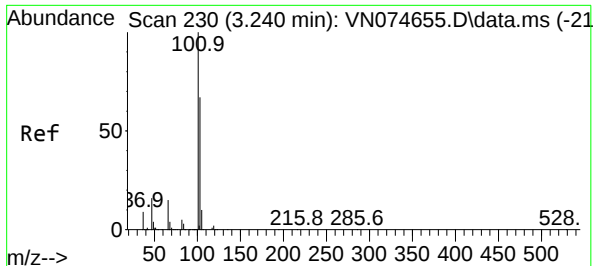


#4
Vinyl Chloride
Concen: 1.075 ug/l
RT: 2.352 min Scan# 215
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



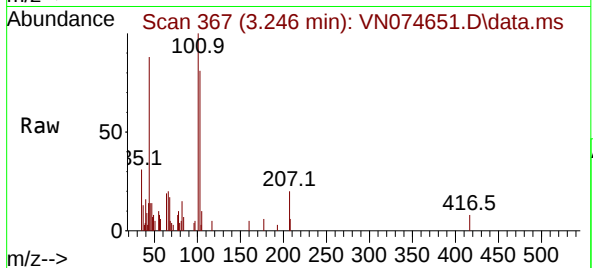
Tgt Ion: 62 Resp: 20638
Ion Ratio Lower Upper
62 100
64 39.2 25.0 37.4#





#7
Trichlorofluoromethane
Concen: 1.189 ug/l
RT: 3.246 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

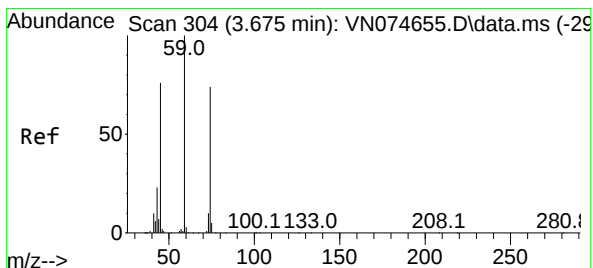
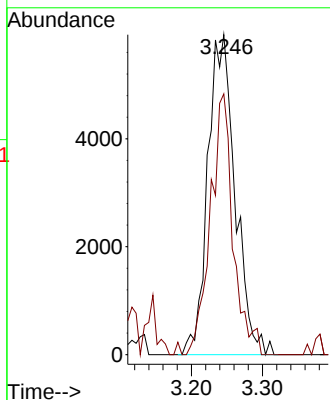
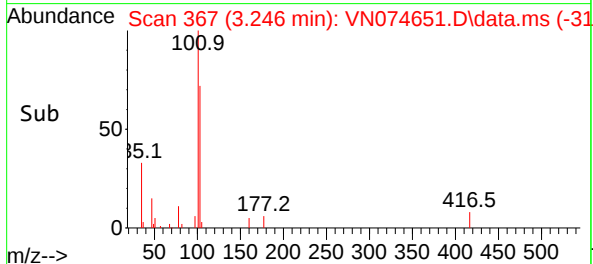
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



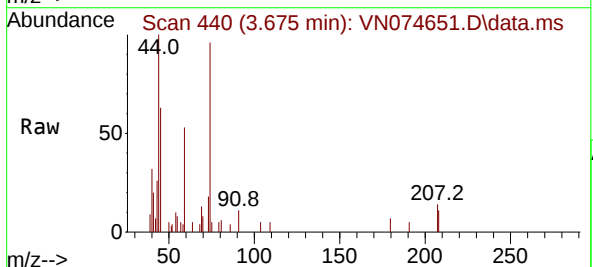
Tgt Ion:101 Resp: 15870
Ion Ratio Lower Upper
101 100
103 81.5 51.5 77.3

Manual Integrations
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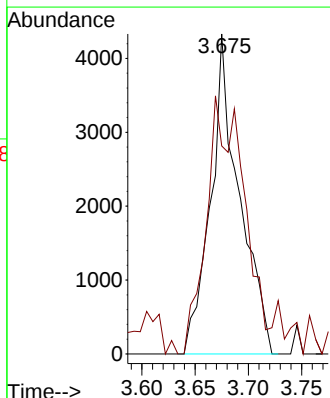
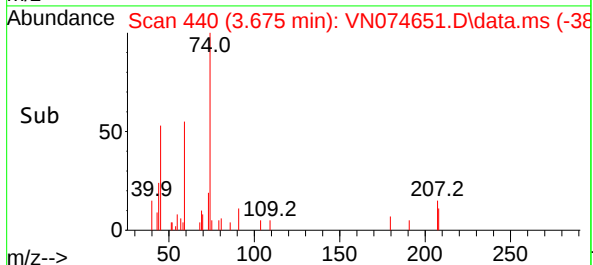
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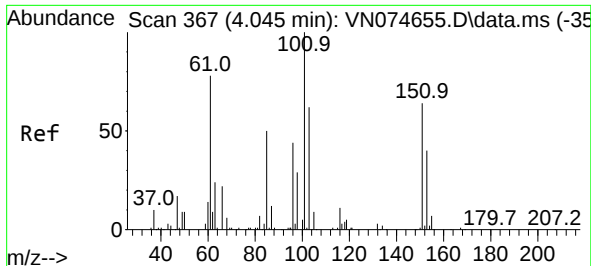


#8
Diethyl Ether
Concen: 1.274 ug/l
RT: 3.675 min Scan# 440
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



Tgt Ion: 74 Resp: 8067
Ion Ratio Lower Upper
74 100
45 107.1 42.9 128.5





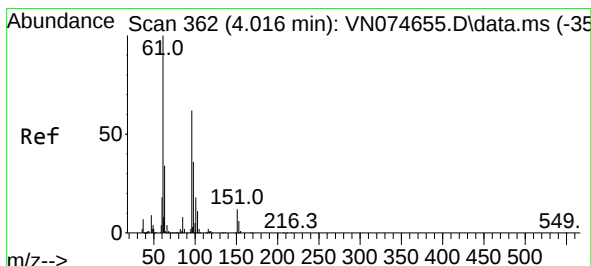
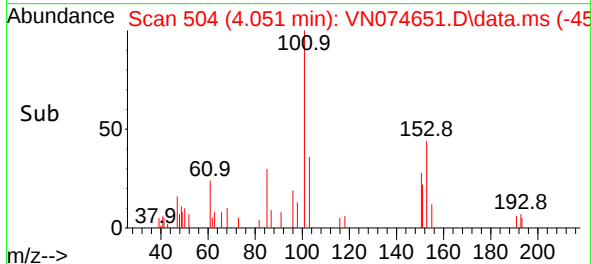
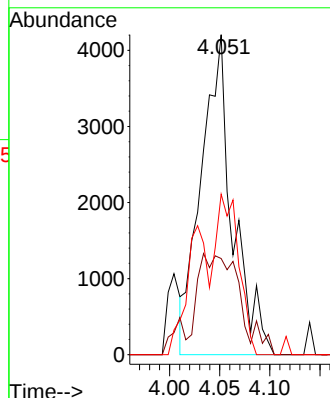
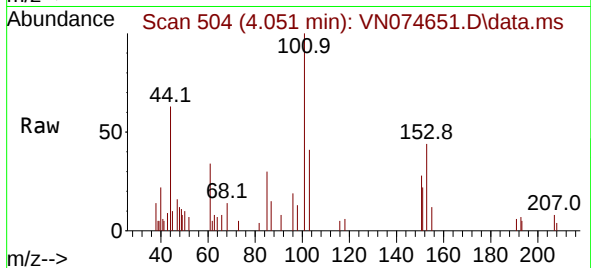
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.148 ug/l
 RT: 4.051 min Scan# 504
 Delta R.T. 0.006 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28

Instrument :
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Tgt Ion:101 Resp: 913
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.7 52.1
 151 37.0 63.0 94.4

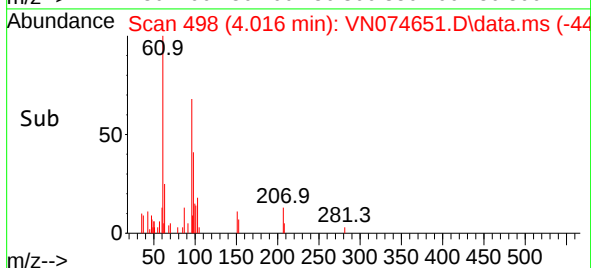
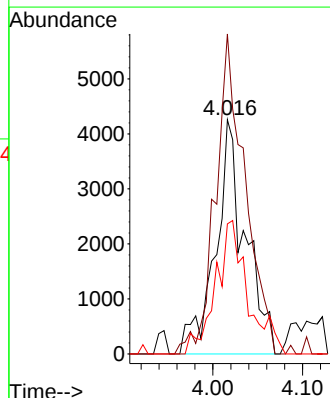
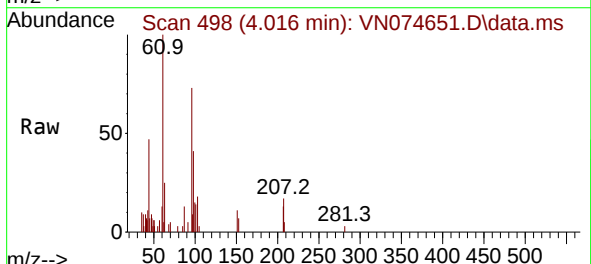
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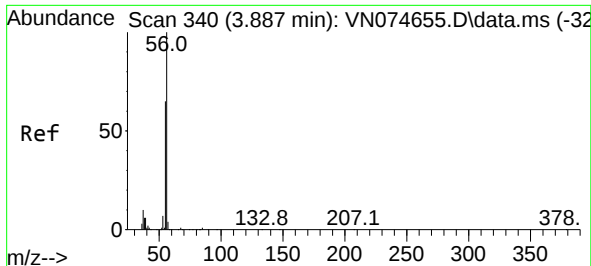
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#12
 1,1-Dichloroethene
 Concen: 1.213 ug/l
 RT: 4.016 min Scan# 498
 Delta R.T. 0.000 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28

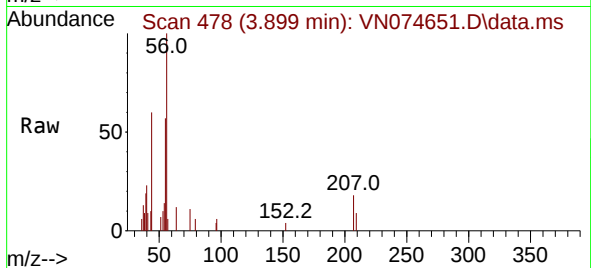
Tgt Ion: 96 Resp: 9778
 Ion Ratio Lower Upper
 96 100
 61 136.6 127.6 191.4
 98 55.6 51.2 76.8





#13
Acrolein
Concen: 9.108 ug/l
RT: 3.899 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

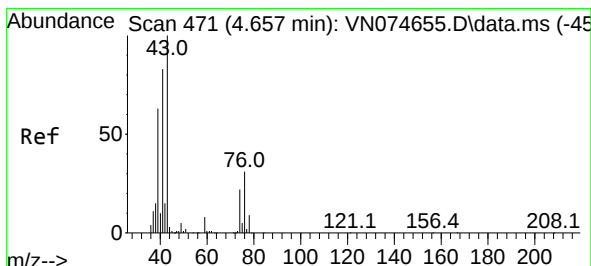
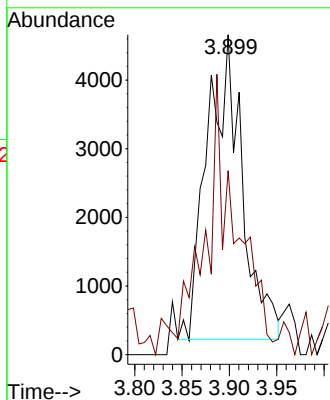
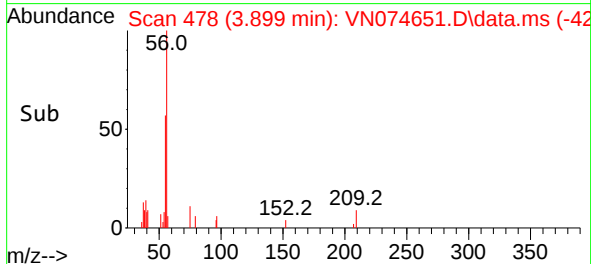
Instrument :
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ClientSampleId :
VSTDIC001



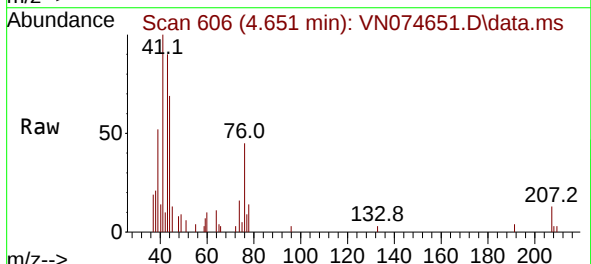
Tgt Ion: 56 Resp: 1137
Ion Ratio Lower Upper
56 100
55 83.5 54.8 82.2

Manual Integrations
APPROVED

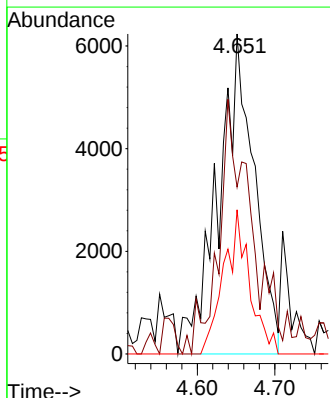
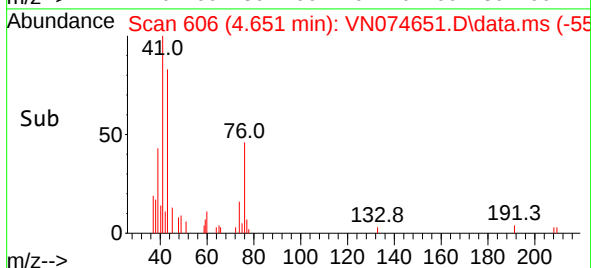
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

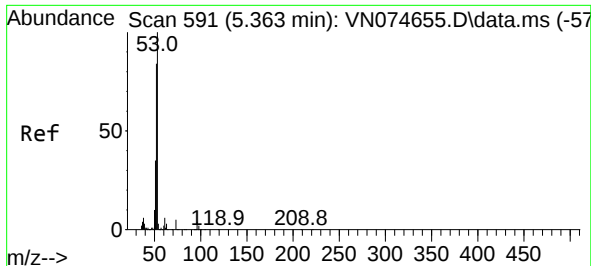


#14
Allyl chloride
Concen: 1.161 ug/l
RT: 4.651 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



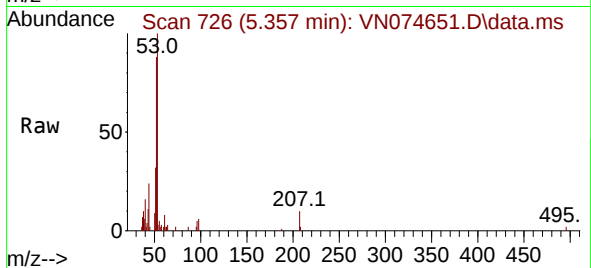
Tgt Ion: 41 Resp: 20213
Ion Ratio Lower Upper
41 100
39 61.4 53.2 79.8
76 32.2 29.9 44.9





#15
Acrylonitrile
Concen: 5.189 ug/l
RT: 5.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

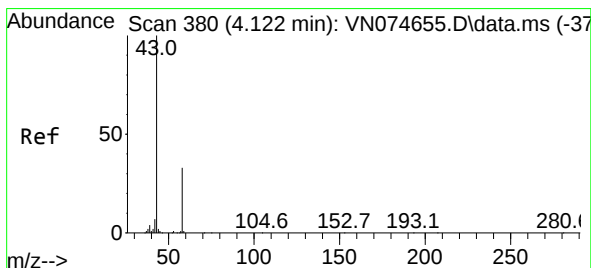
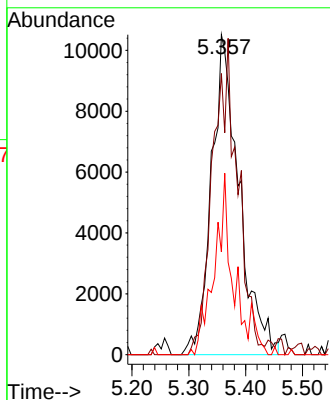
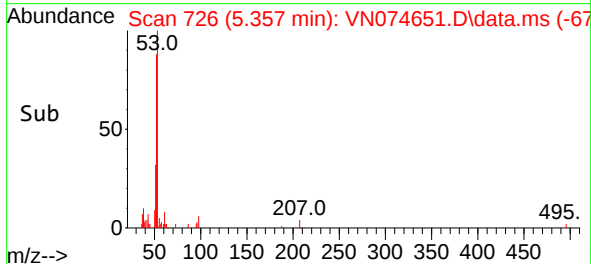
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



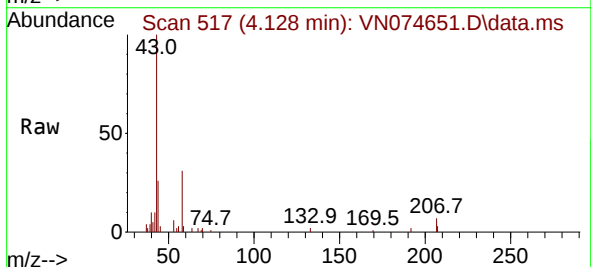
Tgt Ion: 53 Resp: 35380
Ion Ratio Lower Upper
53 100
52 89.0 66.4 99.6
51 36.3 28.5 42.7

Manual Integrations
APPROVED

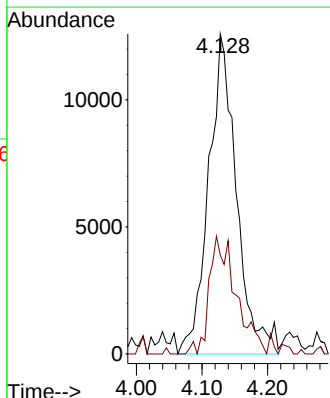
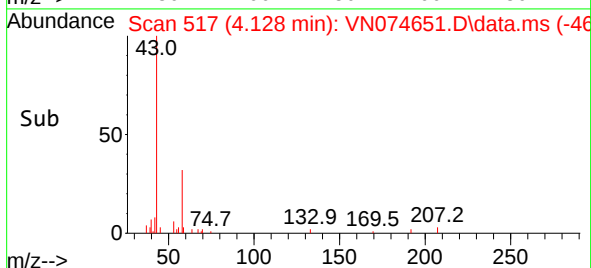
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

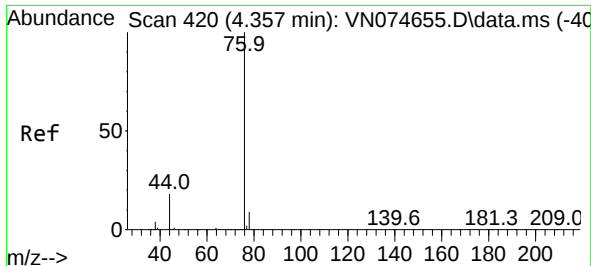


#16
Acetone
Concen: 6.396 ug/l
RT: 4.128 min Scan# 517
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



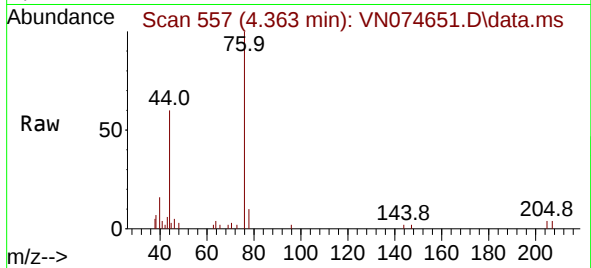
Tgt Ion: 43 Resp: 37352
Ion Ratio Lower Upper
43 100
58 33.8 26.0 39.0





#17
Carbon Disulfide
Concen: 1.130 ug/l
RT: 4.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

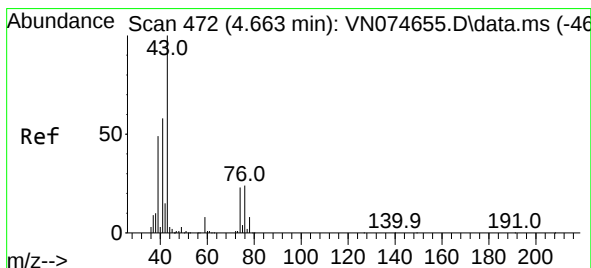
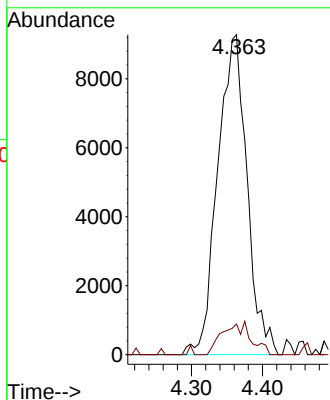
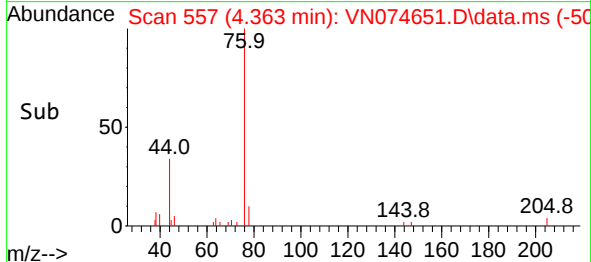
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 2659
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

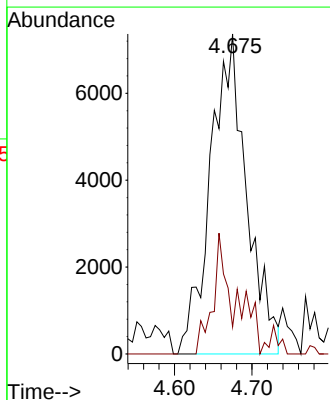
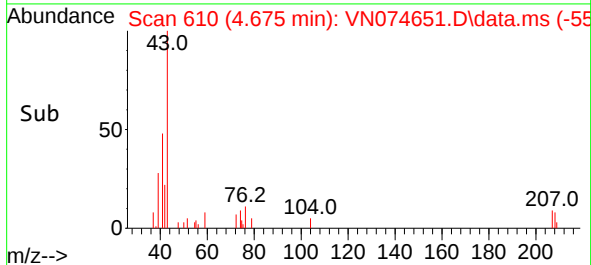
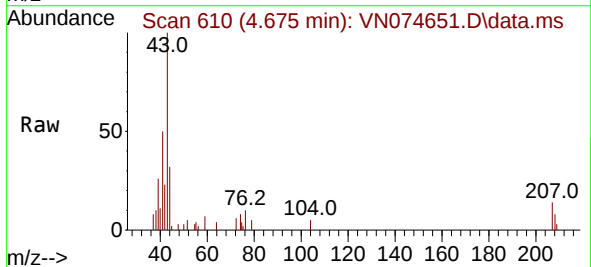
Manual Integrations
APPROVED

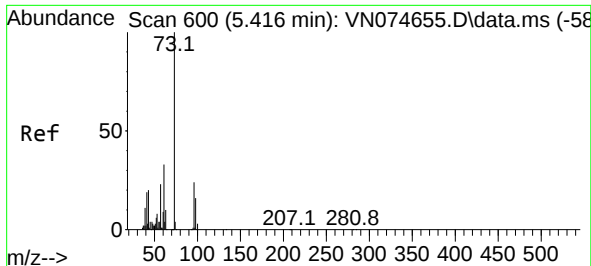
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#18
Methyl Acetate
Concen: 1.197 ug/l
RT: 4.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion: 43 Resp: 23929
Ion Ratio Lower Upper
43 100
74 14.7 21.6 32.4#





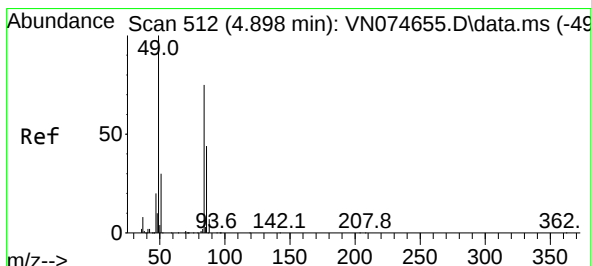
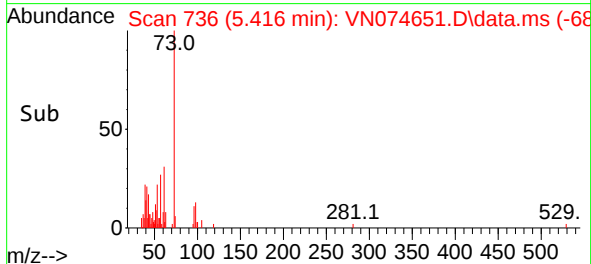
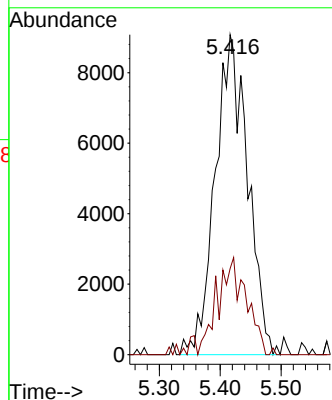
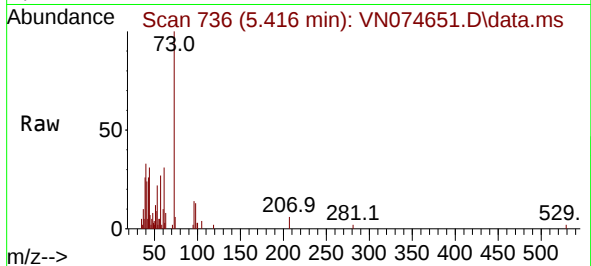
#19
Methyl tert-butyl Ether
Concen: 1.092 ug/l
RT: 5.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 33590
Ion Ratio Lower Upper
73 100
57 26.9 17.6 26.4

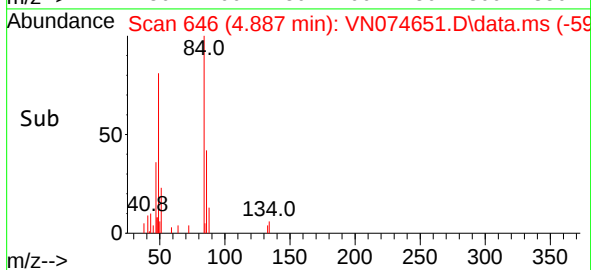
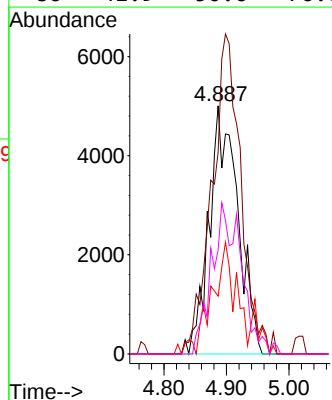
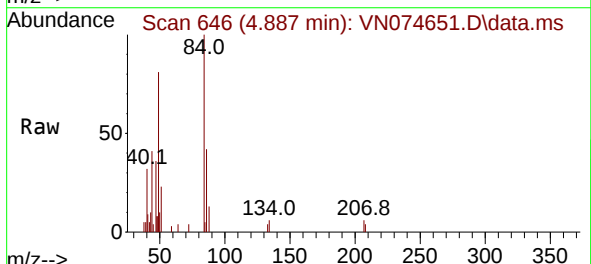
Manual Integrations
APPROVED

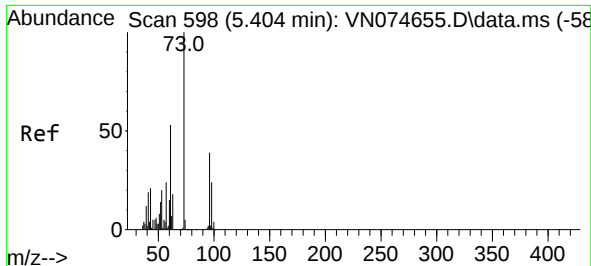
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#20
Methylene Chloride
Concen: 1.442 ug/l m
RT: 4.887 min Scan# 646
Delta R.T. -0.012 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

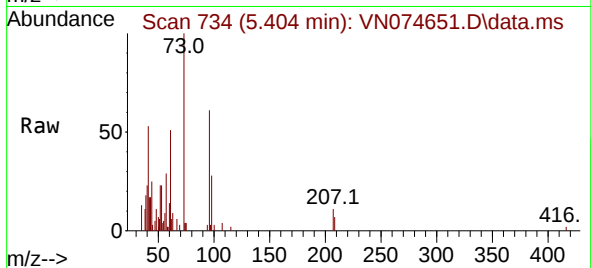
Tgt Ion: 84 Resp: 15985
Ion Ratio Lower Upper
84 100
49 81.2 88.3 132.5#
51 23.2 28.2 42.2#
86 41.9 50.6 76.0#





#21
trans-1,2-Dichloroethene
Concen: 1.180 ug/l
RT: 5.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

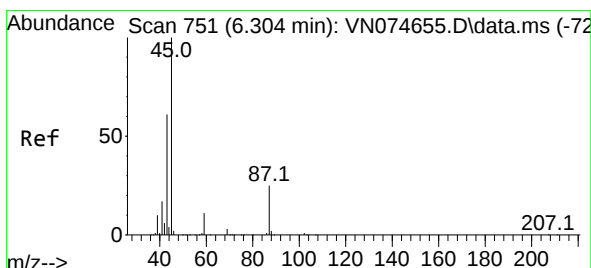
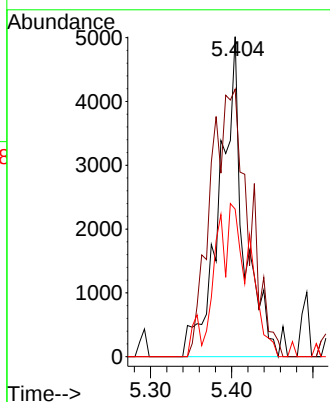
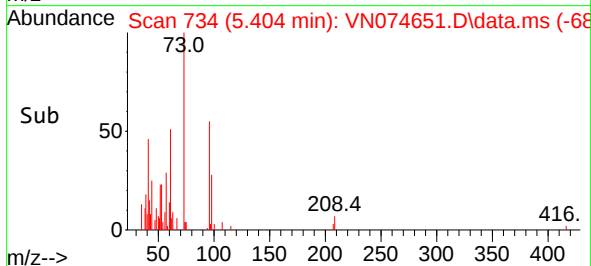
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 96 Resp: 10398
Ion Ratio Lower Upper
96 100
61 83.6 105.8 158.8
98 46.1 50.3 75.5

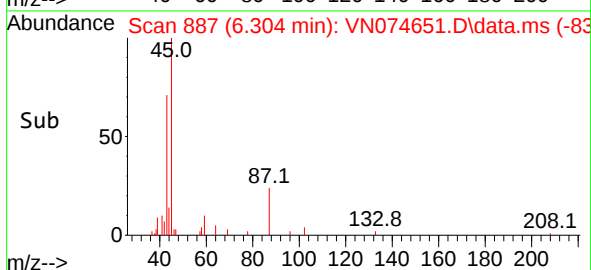
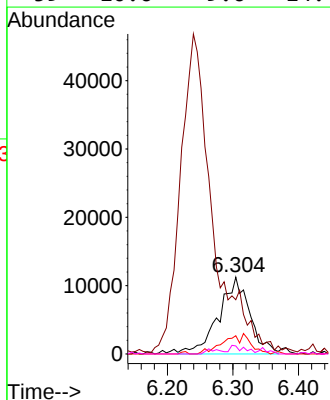
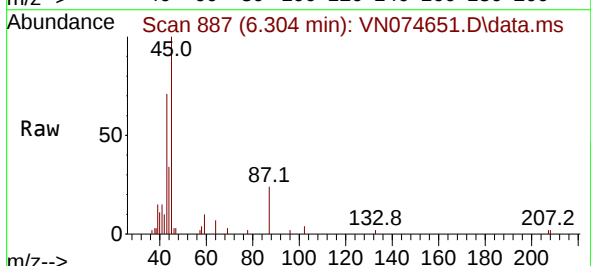
Manual Integrations
APPROVED

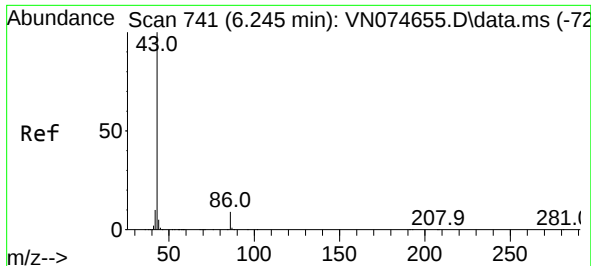
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
Diisopropyl ether
Concen: 1.039 ug/l
RT: 6.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

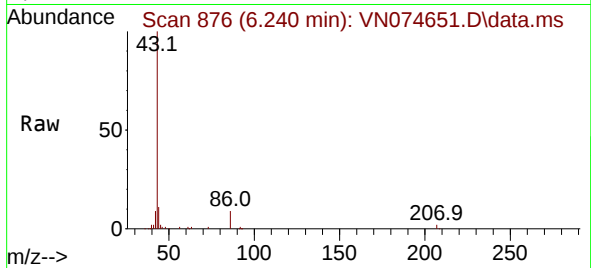
Tgt Ion: 45 Resp: 36823
Ion Ratio Lower Upper
45 100
43 61.5 46.6 70.0
87 24.2 24.3 36.5
59 10.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 5.128 ug/l
 RT: 6.240 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28

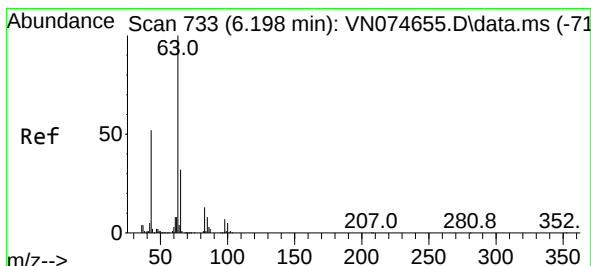
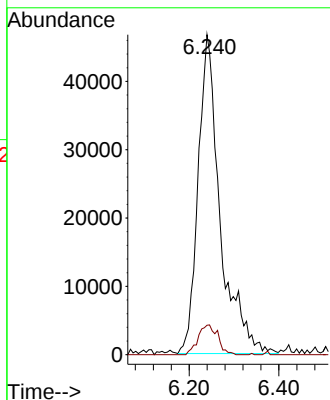
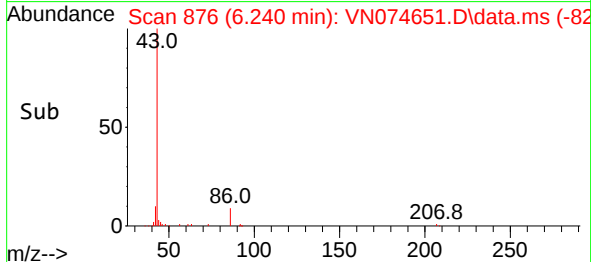
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



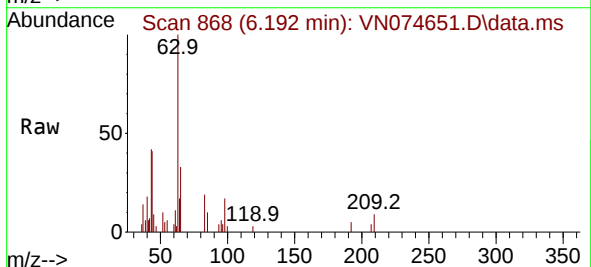
Tgt Ion: 43 Resp: 15968
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.0 15.0

Manual Integrations
 APPROVED

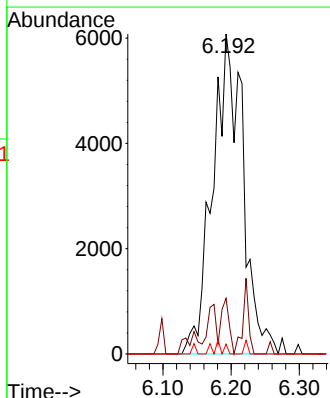
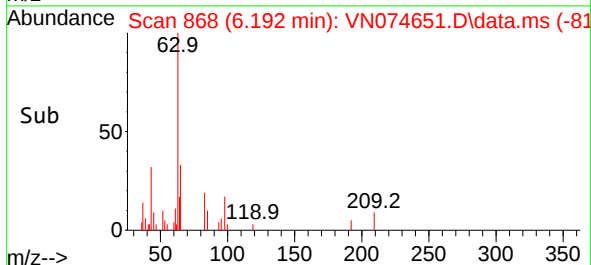
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022

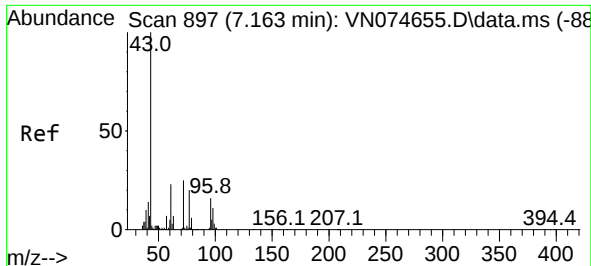


#24
 1,1-Dichloroethane
 Concen: 1.042 ug/l
 RT: 6.192 min Scan# 868
 Delta R.T. -0.006 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28



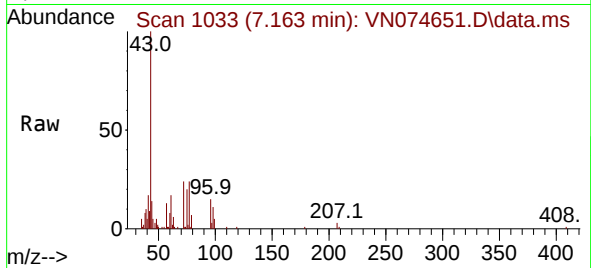
Tgt Ion: 63 Resp: 18835
 Ion Ratio Lower Upper
 63 100
 98 17.4 3.5 10.4
 100 3.0 2.3 6.8





#25
2-Butanone
Concen: 5.344 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

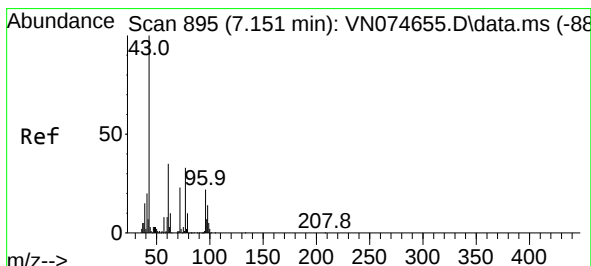
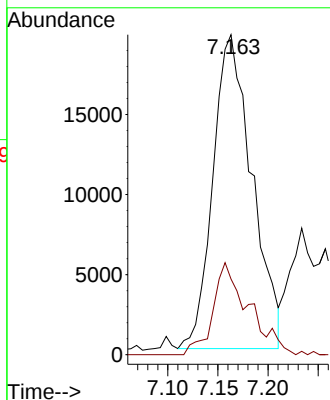
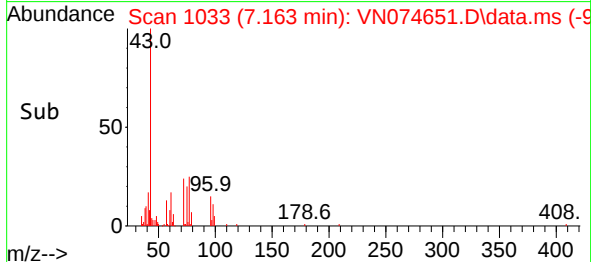
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 5322
Ion Ratio Lower Upper
43 100
72 24.1 23.7 35.5

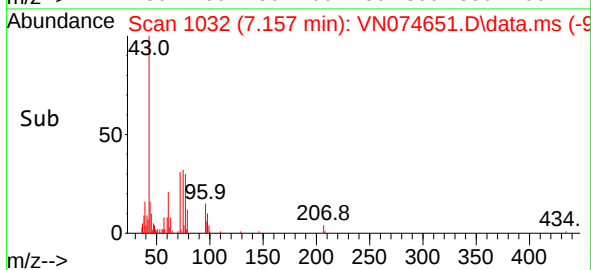
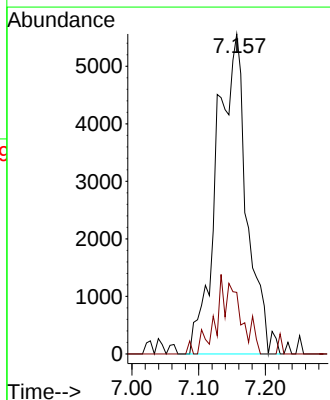
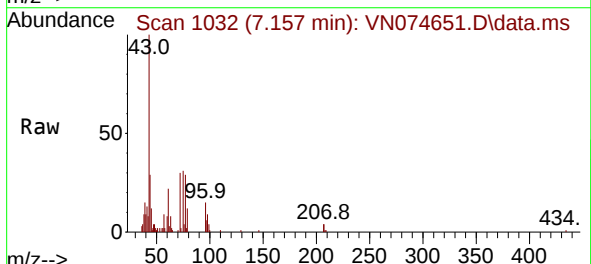
Manual Integrations
APPROVED

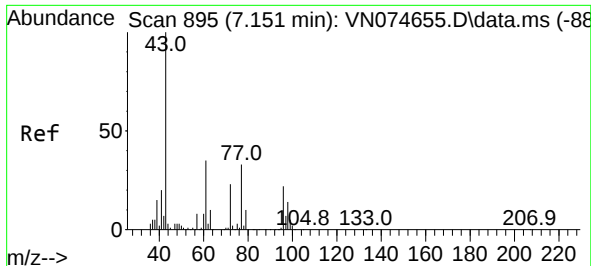
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#26
2,2-Dichloropropane
Concen: 1.134 ug/l m
RT: 7.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion: 77 Resp: 17436
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#





#27

cis-1,2-Dichloroethene

Concen: 1.202 ug/l

RT: 7.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

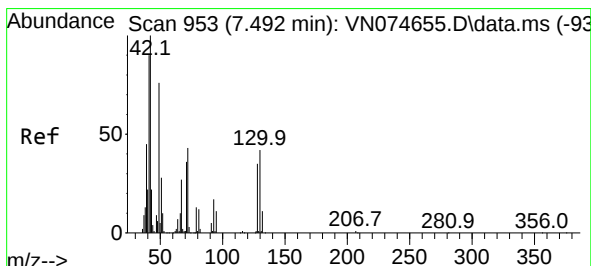
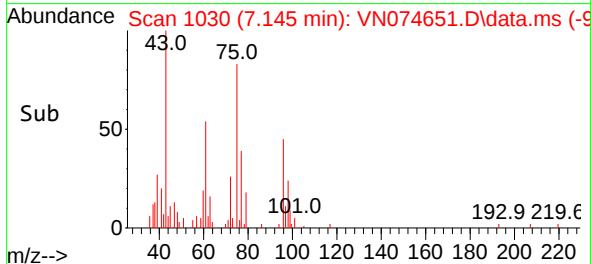
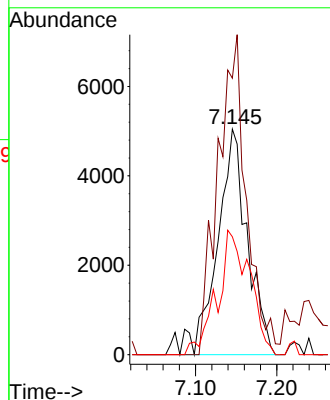
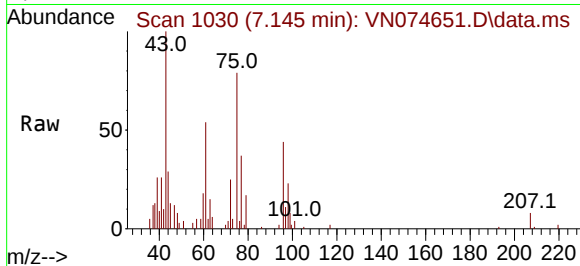
Tgt Ion:	96	Resp:	1295
Ion Ratio	Lower	Upper	
96	100		
61	135.2	0.0	280.6
98	59.5	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#28

Bromochloromethane

Concen: 0.891 ug/l m

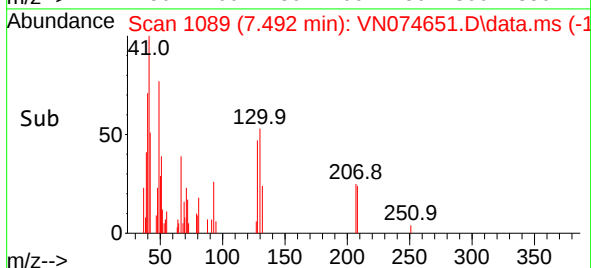
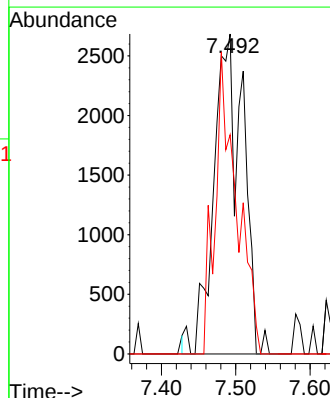
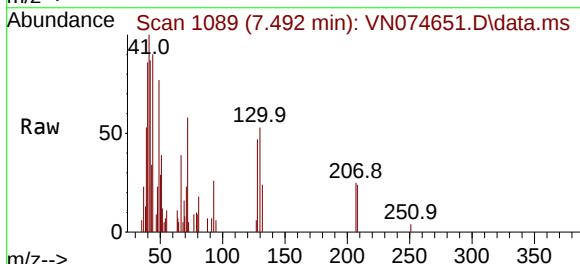
RT: 7.492 min Scan# 1089

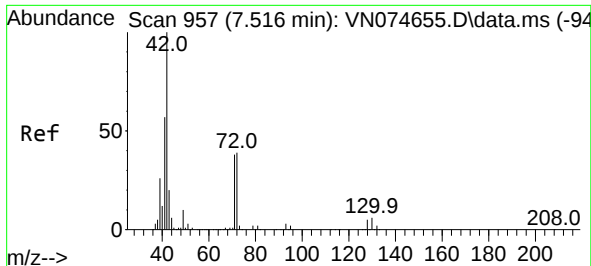
Delta R.T. 0.000 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

Tgt Ion:	49	Resp:	7311
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	4.6
130	70.3	69.7	104.5





#29

Tetrahydrofuran

Concen: 5.171 ug/l

RT: 7.522 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

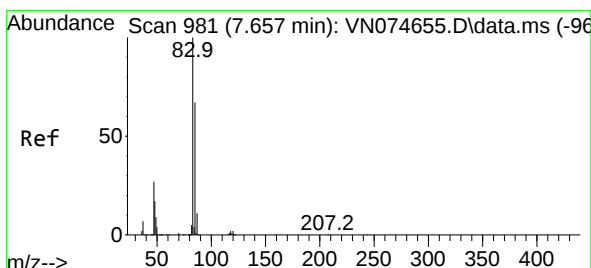
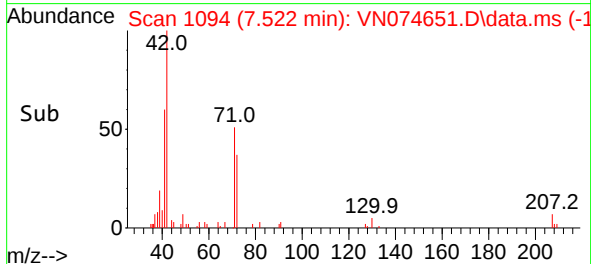
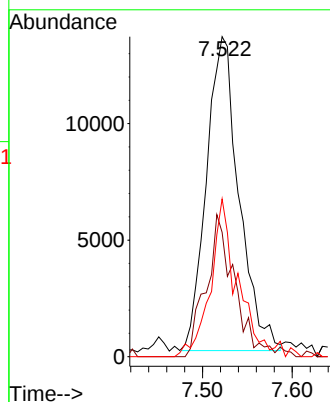
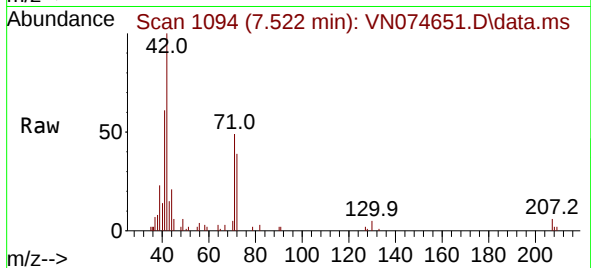
Tgt Ion:	42	Resp:	3397
Ion Ratio	Lower	Upper	
42	100		
72	40.0	39.7	59.5
71	42.6	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 0.948 ug/l

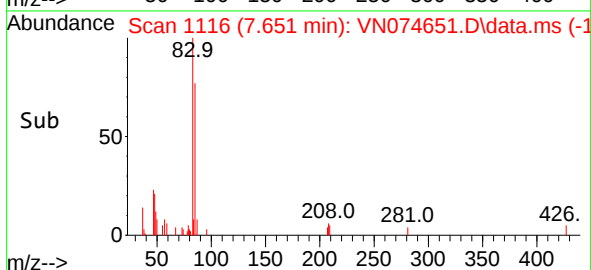
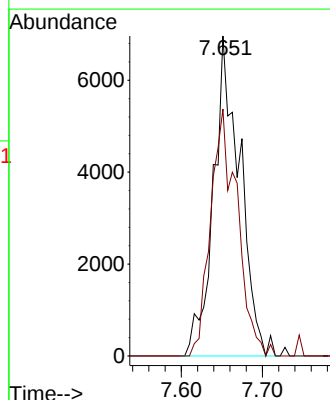
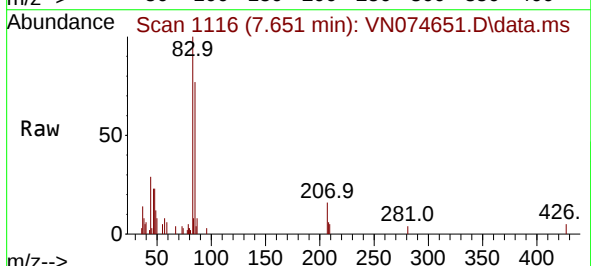
RT: 7.651 min Scan# 1116

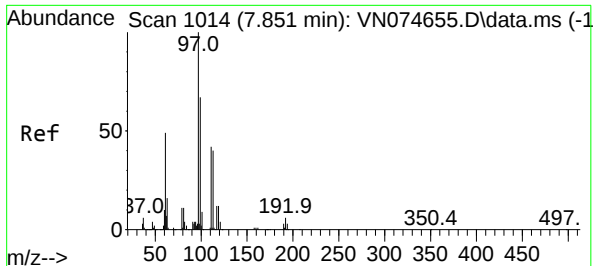
Delta R.T. -0.006 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

Tgt Ion:	83	Resp:	15796
Ion Ratio	Lower	Upper	
83	100		
85	77.2	51.8	77.8





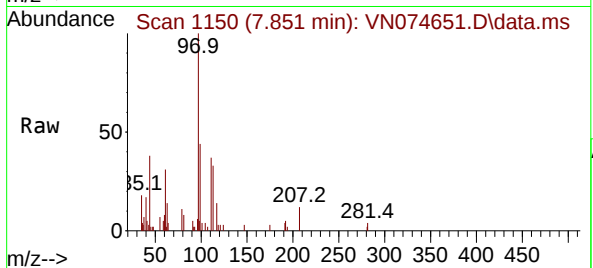
#32
 1,1,1-Trichloroethane
 Concen: 1.181 ug/l
 RT: 7.851 min Scan# 1150
 Delta R.T. 0.000 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001



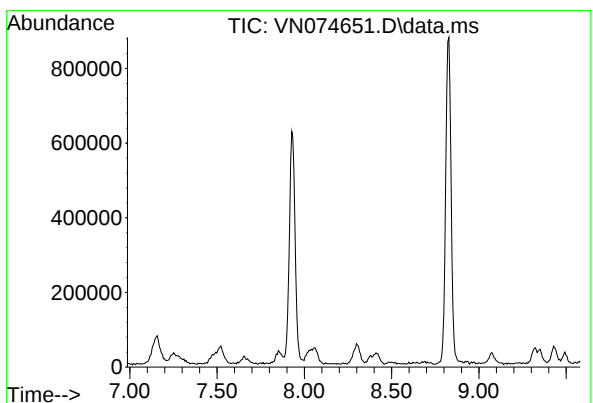
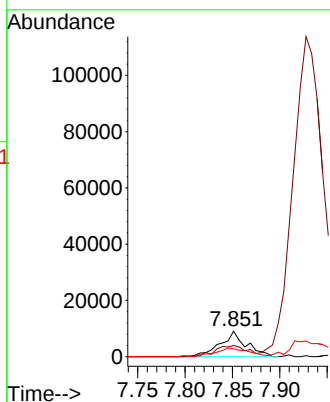
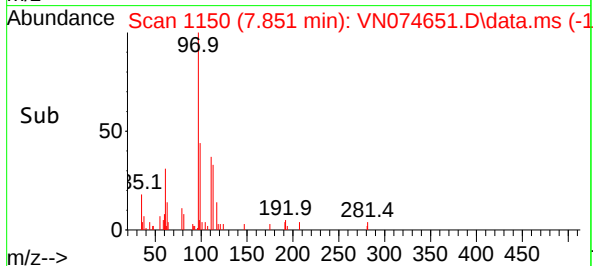
Tgt Ion: 97 Resp: 1727
 Ion Ratio Lower Upper
 97 100
 99 53.1 50.6 76.0
 61 44.0 36.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

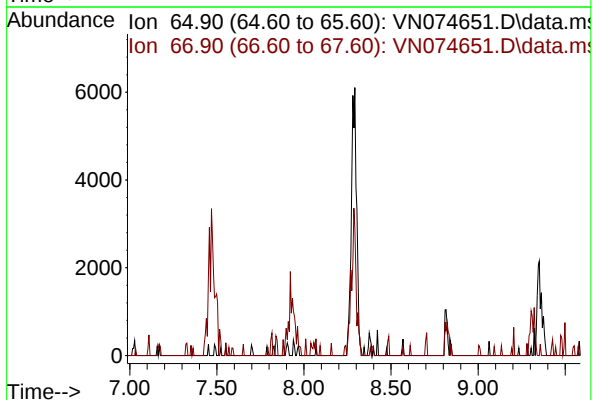
Supervised By :Mahesh Dadoda 10/05/2022

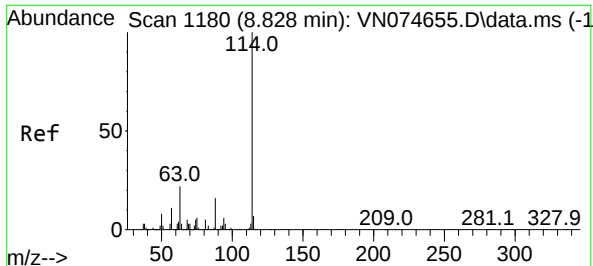


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.29 min

Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 52.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.822 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 776980

Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

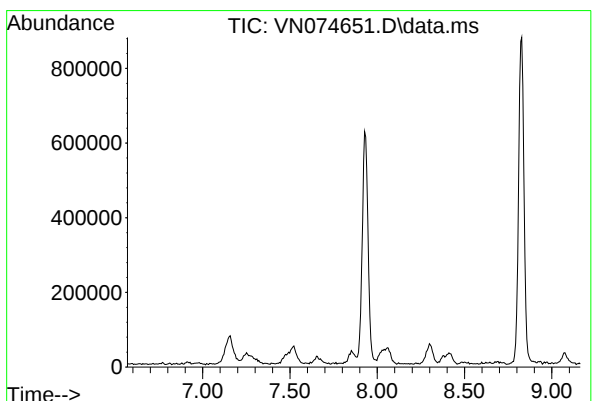
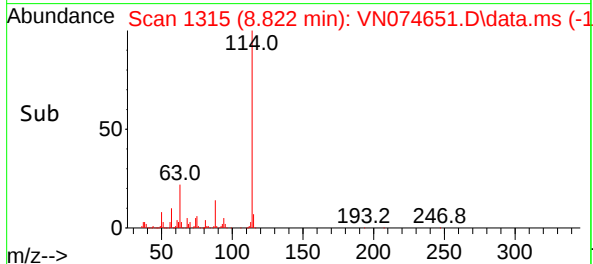
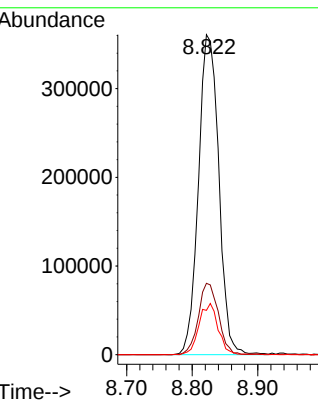
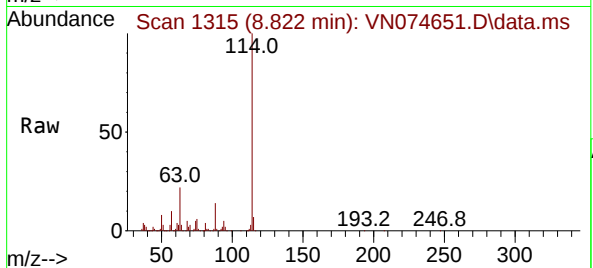
88 13.8 0.0 32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.87 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

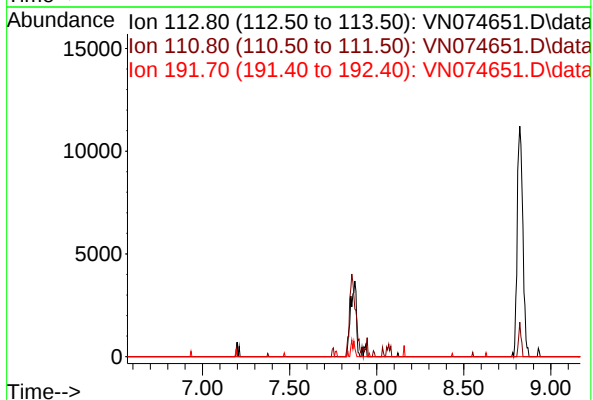
Tgt Ion: 113

Sig Exp Ratio

113 100

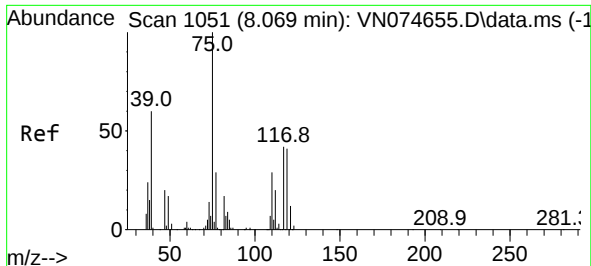
111 101.7

192 21.3



Ion 110.80 (110.50 to 111.50): VN074651.D\data

Ion 191.70 (191.40 to 192.40): VN074651.D\data



#36

1,1-Dichloropropene

Concen: 1.160 ug/l

RT: 8.063 min Scan# 1186

Delta R.T. -0.006 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

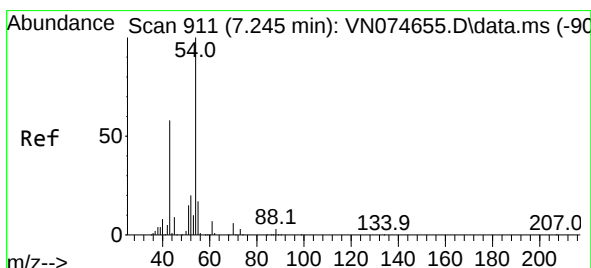
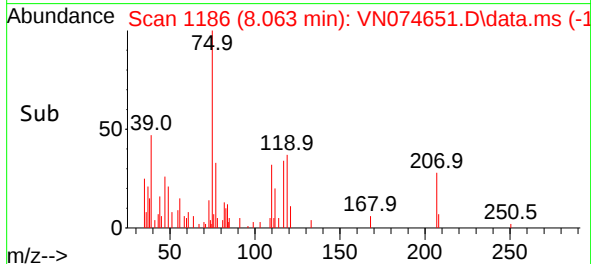
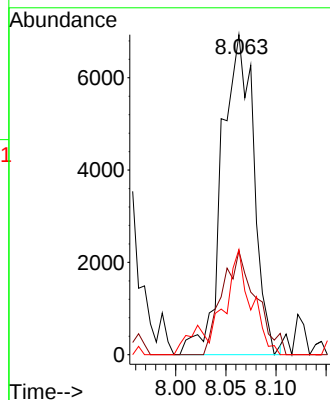
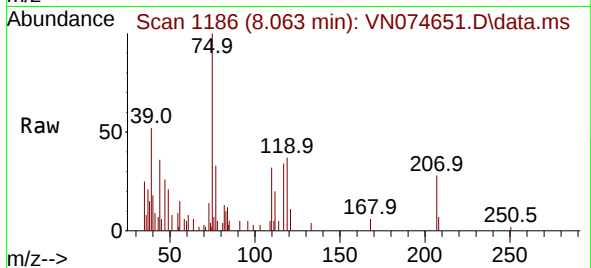
Tgt Ion: 75	Resp: 15284
Ion Ratio	Lower Upper
75 100	
110 34.8	18.3 54.8
77 26.5	25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#37

Ethyl Acetate

Concen: 1.015 ug/l m

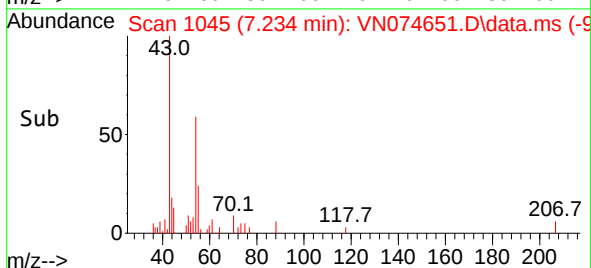
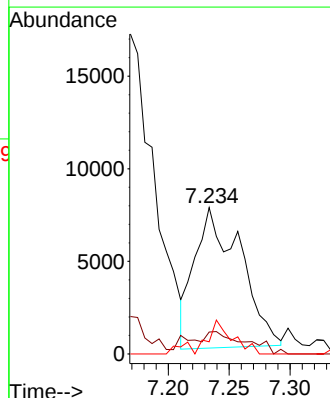
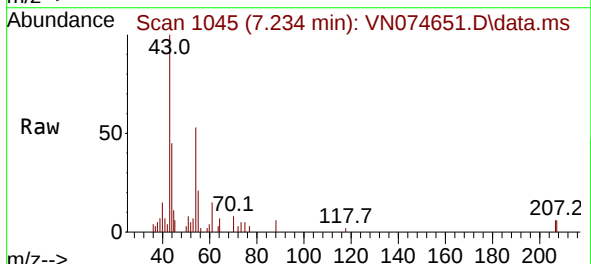
RT: 7.234 min Scan# 1045

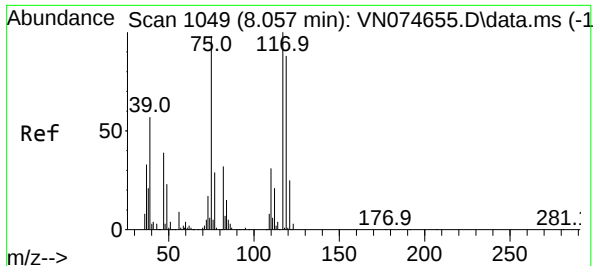
Delta R.T. -0.012 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

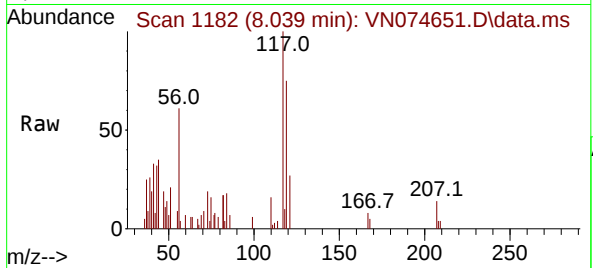
Tgt Ion: 43	Resp: 19829
Ion Ratio	Lower Upper
43 100	
61 13.4	11.8 17.6
70 12.4	9.3 13.9





#38
Carbon Tetrachloride
Concen: 1.027 ug/l
RT: 8.039 min Scan# 117
Delta R.T. -0.018 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

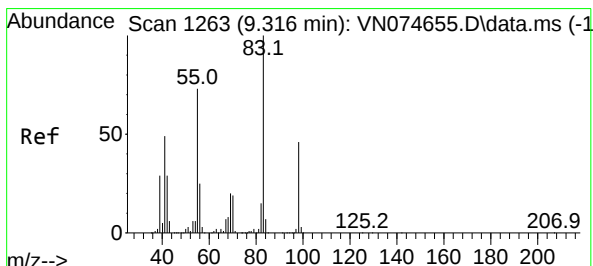
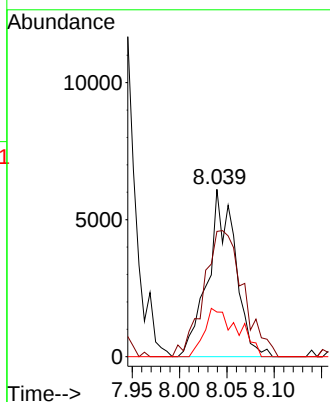
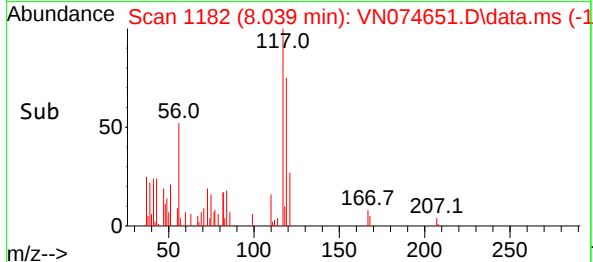
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



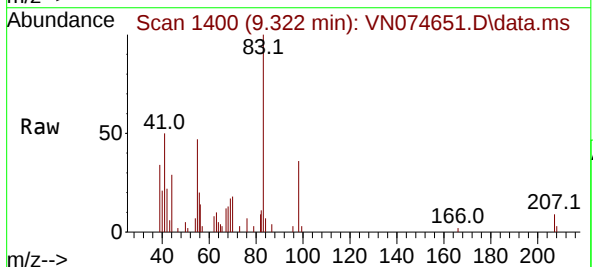
Tgt Ion: 117 Resp: 1239
Ion Ratio Lower Upper
117 100
119 74.9 75.8 113.8#
121 26.7 24.6 37.0

Manual Integrations
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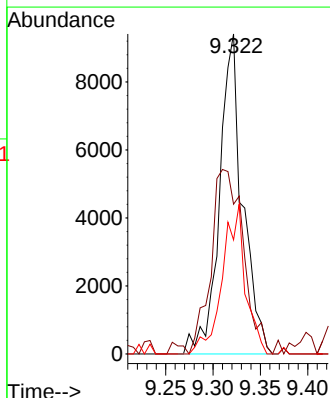
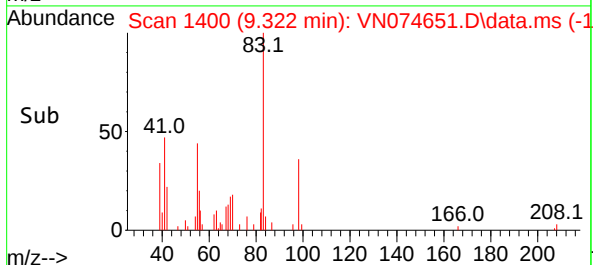
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

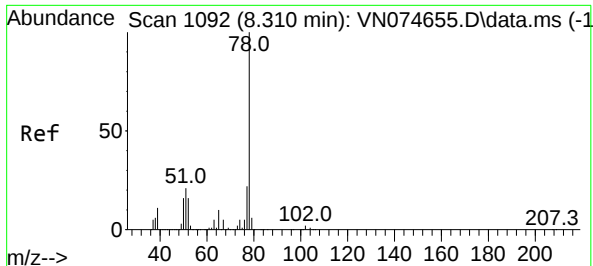


#39
Methylcyclohexane
Concen: 0.977 ug/l
RT: 9.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



Tgt Ion: 83 Resp: 16058
Ion Ratio Lower Upper
83 100
55 44.3 57.8 86.8#
98 35.6 39.4 59.2#





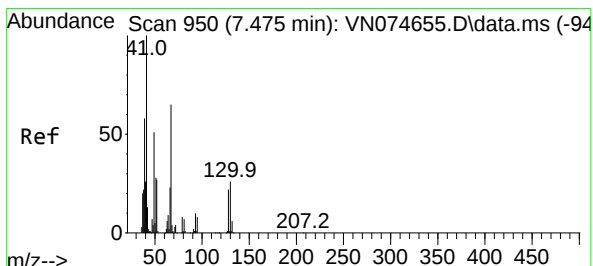
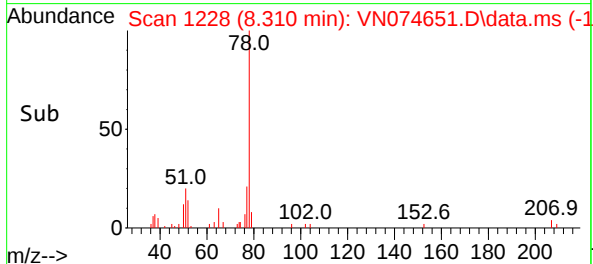
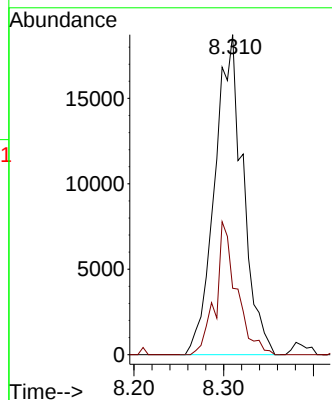
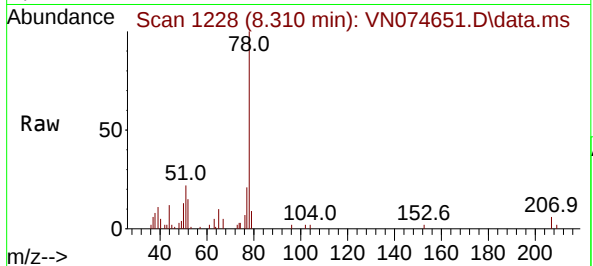
#40
Benzene
Concen: 1.008 ug/l
RT: 8.310 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 40912
Ion Ratio Lower Upper
78 100
77 20.8 19.4 29.0

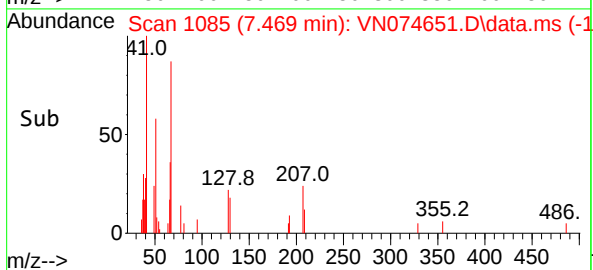
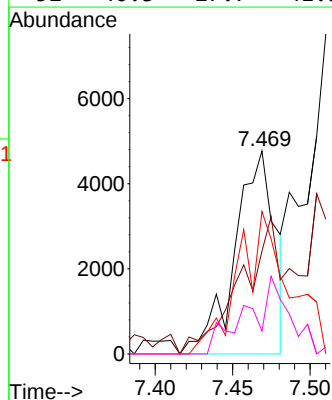
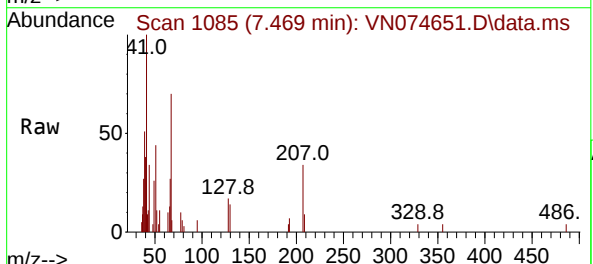
Manual Integrations
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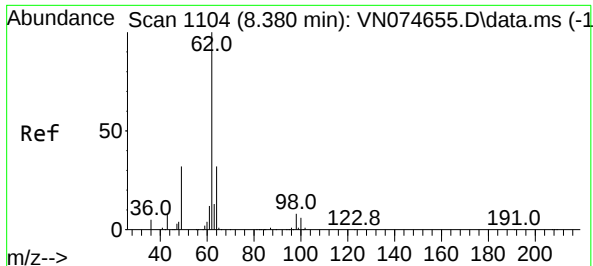
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#41
Methacrylonitrile
Concen: 1.009 ug/l
RT: 7.469 min Scan# 1085
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion: 41 Resp: 8610
Ion Ratio Lower Upper
41 100
39 79.3 48.6 73.0#
67 91.8 73.4 110.2
52 40.3 27.7 41.5





#42

1,2-Dichloroethane

Concen: 1.139 ug/l

RT: 8.375 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 1553

Ion Ratio Lower Upper

62 100

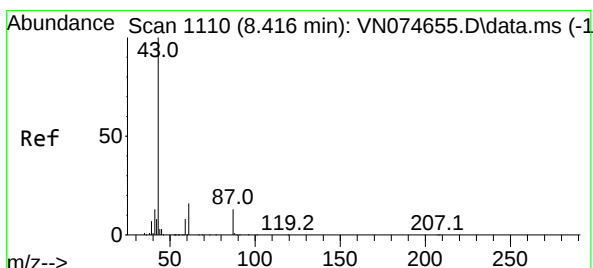
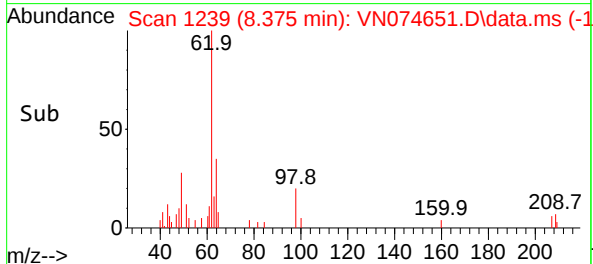
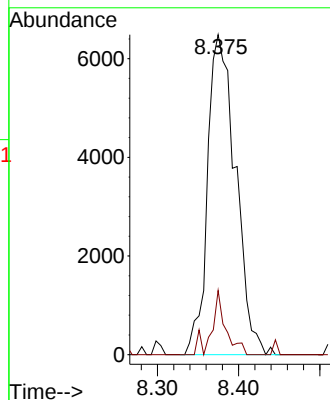
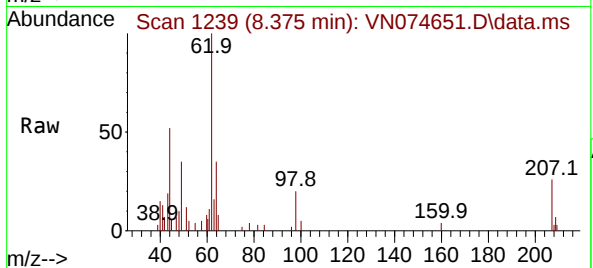
98 8.8 0.0 19.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#43

Isopropyl Acetate

Concen: 1.092 ug/l

RT: 8.416 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

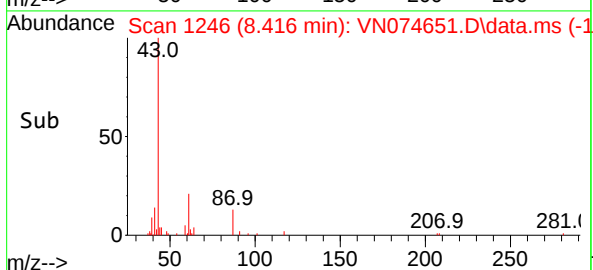
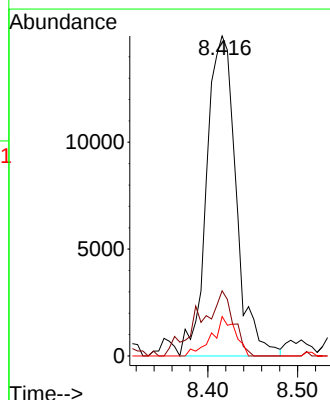
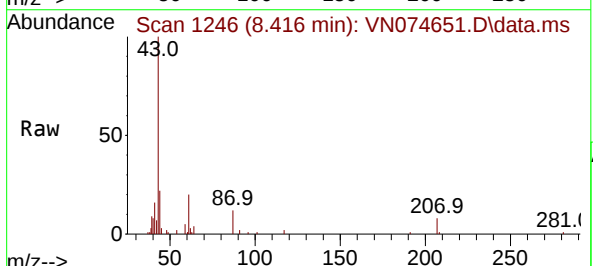
Tgt Ion: 43 Resp: 34037

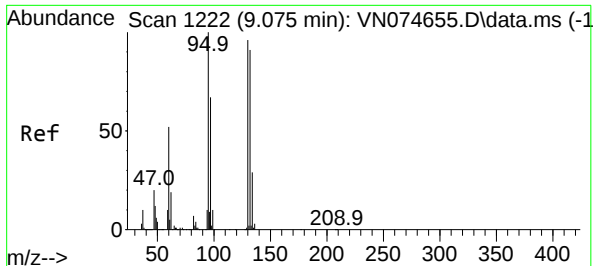
Ion Ratio Lower Upper

43 100

61 23.7 21.9 32.9

87 9.8 12.0 18.0#





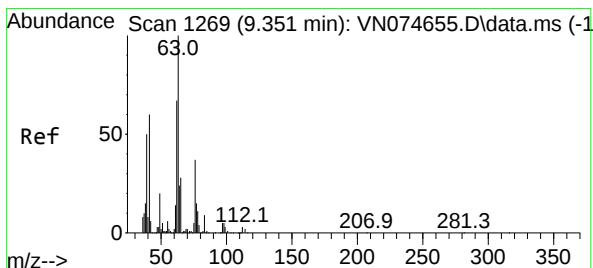
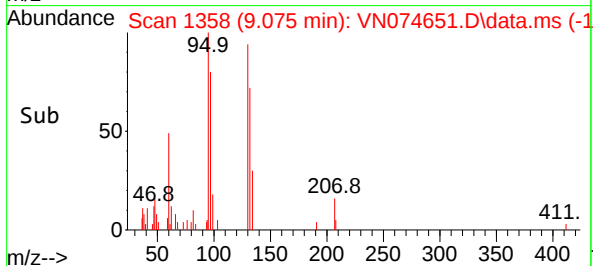
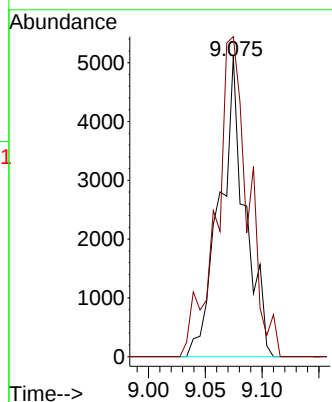
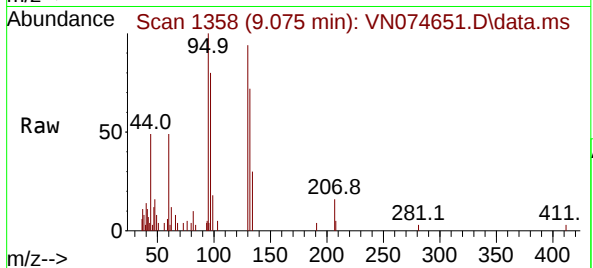
#44
Trichloroethene
Concen: 0.938 ug/l
RT: 9.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:130 Resp: 7929
Ion Ratio Lower Upper
130 100
95 110.5 0.0 186.8

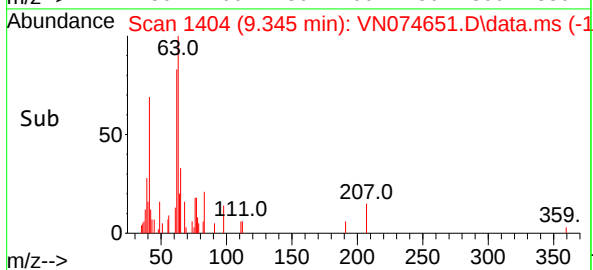
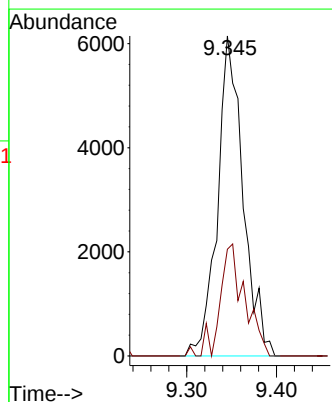
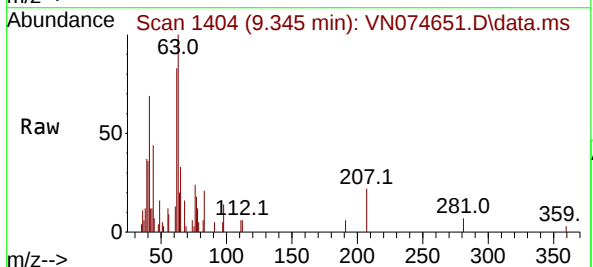
Manual Integrations
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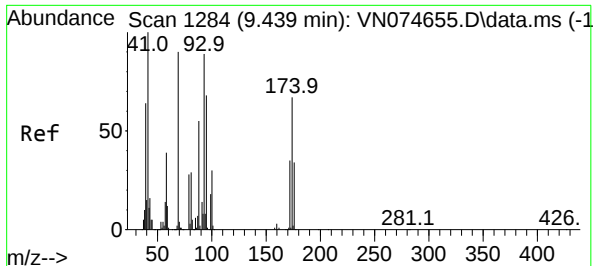
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#45
1,2-Dichloropropane
Concen: 1.101 ug/l
RT: 9.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion: 63 Resp: 12168
Ion Ratio Lower Upper
63 100
65 33.4 24.9 37.3





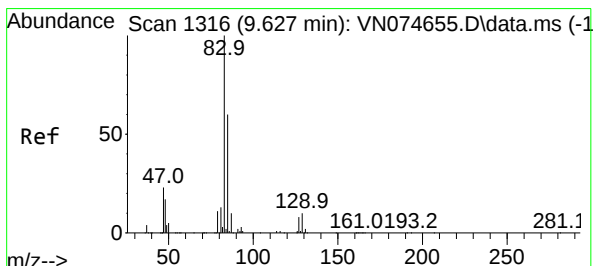
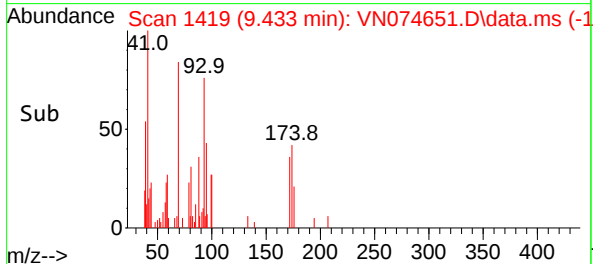
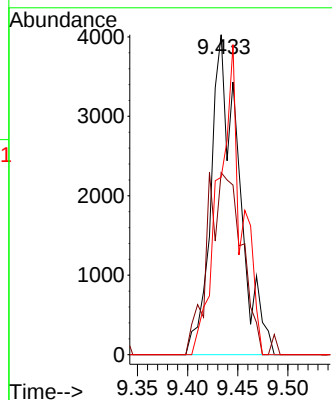
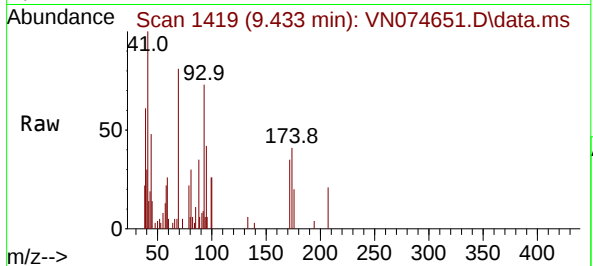
#46
Dibromomethane
Concen: 1.110 ug/l
RT: 9.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 93 Resp: 7734
Ion Ratio Lower Upper
93 100
95 0.0 66.9 100.3
174 81.9 86.6 130.0

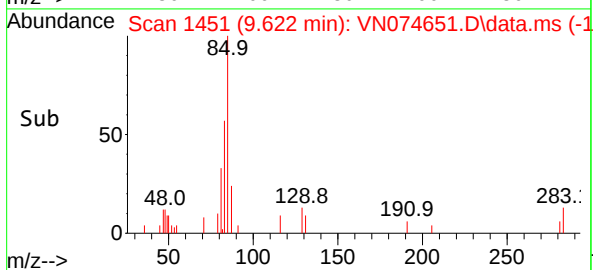
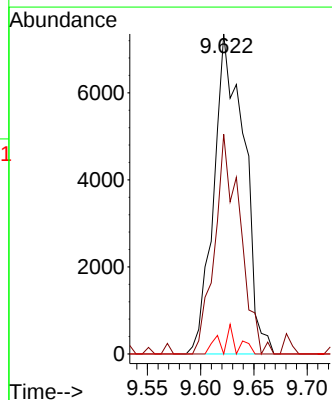
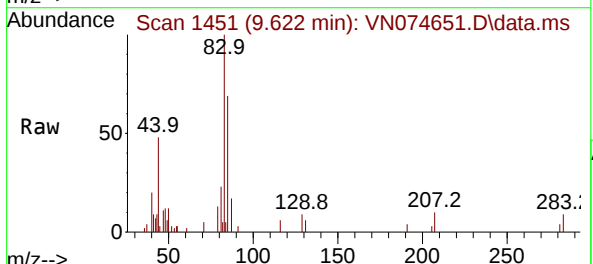
Manual Integrations
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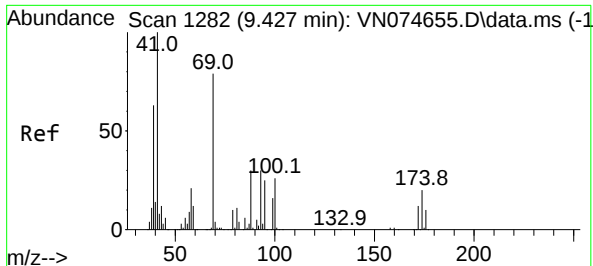
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#47
Bromodichloromethane
Concen: 1.071 ug/l
RT: 9.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion: 83 Resp: 14585
Ion Ratio Lower Upper
83 100
85 68.6 50.5 75.7
127 0.0 6.8 10.2





#48

Methyl methacrylate

Concen: 1.003 ug/l

RT: 9.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 12870

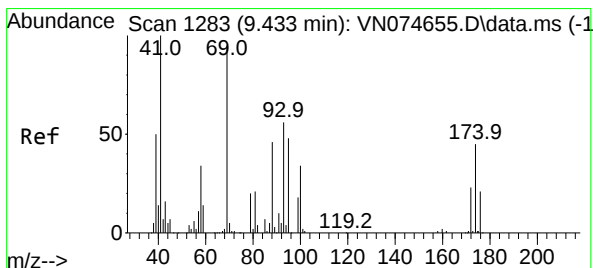
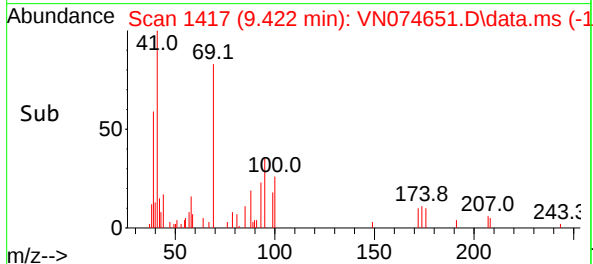
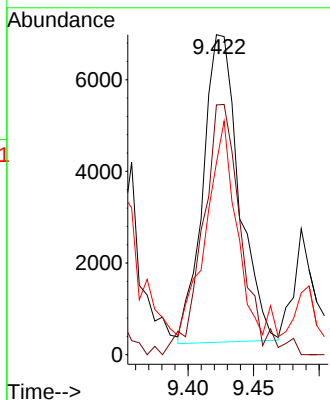
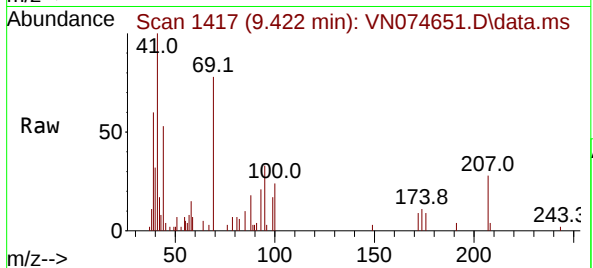
Ion	Ratio	Lower	Upper
41	100		
69	85.8	74.7	112.1
39	61.9	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#49

1,4-Dioxane

Concen: 21.369 ug/l

RT: 9.428 min Scan# 1418

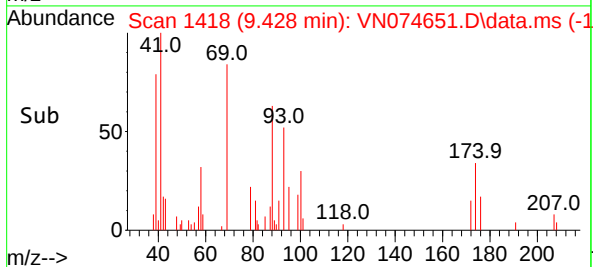
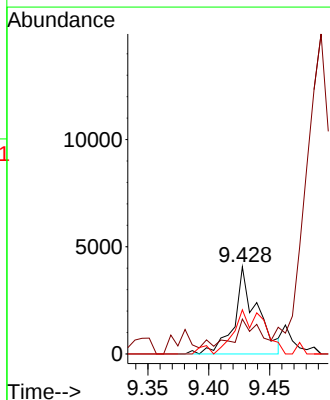
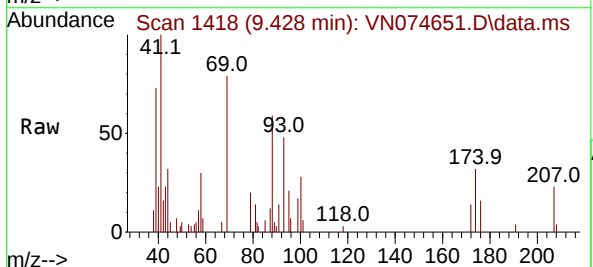
Delta R.T. -0.006 min

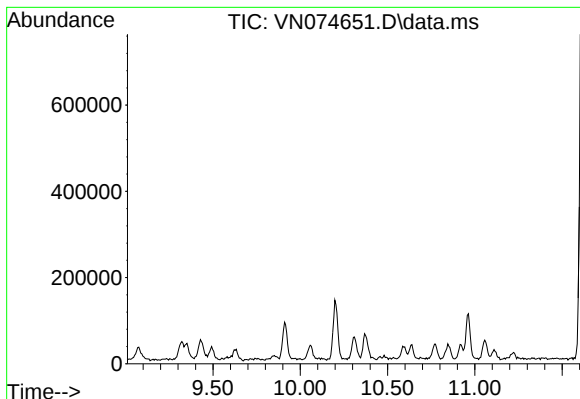
Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

Tgt Ion: 88 Resp: 5234

Ion	Ratio	Lower	Upper
88	100		
43	40.7	20.2	30.4
58	67.4	54.2	81.4





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.31 min

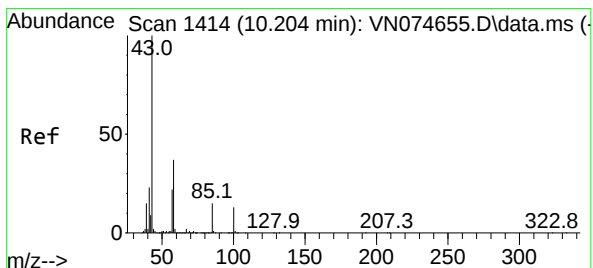
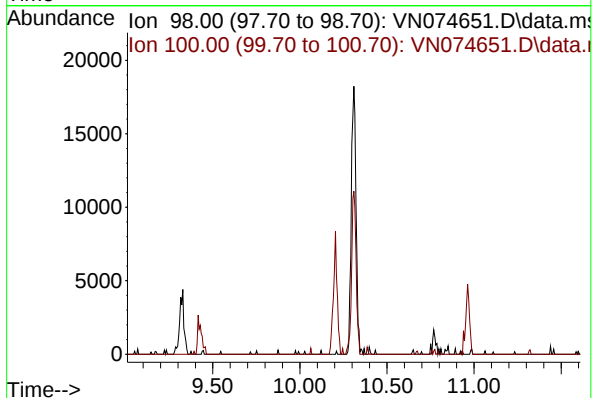
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

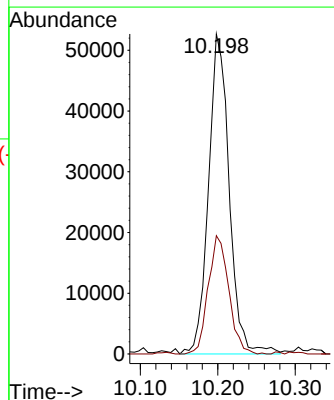
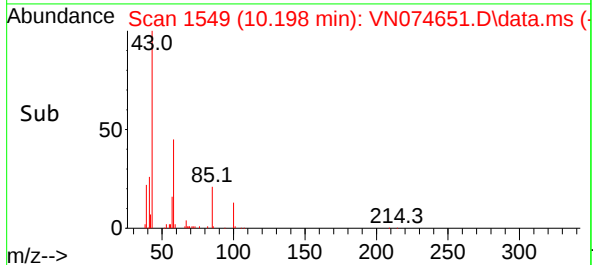
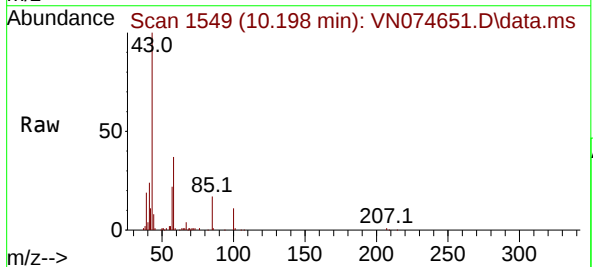
Manual Integrations
APPROVED

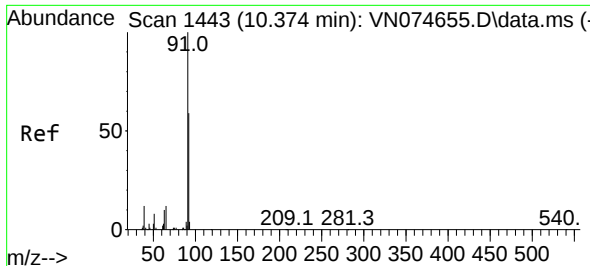
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#51
4-Methyl-2-Pentanone
Concen: 4.962 ug/l
RT: 10.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

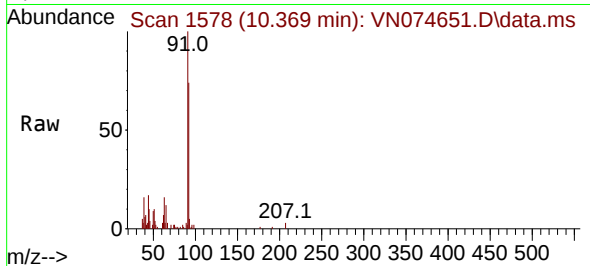
Tgt Ion: 43 Resp: 97830
Ion Ratio Lower Upper
43 100
58 36.7 34.1 51.1





#52
Toluene
Concen: 0.988 ug/l
RT: 10.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

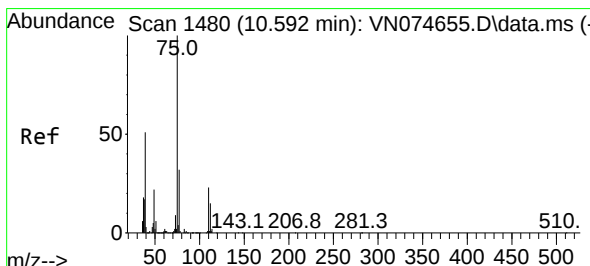
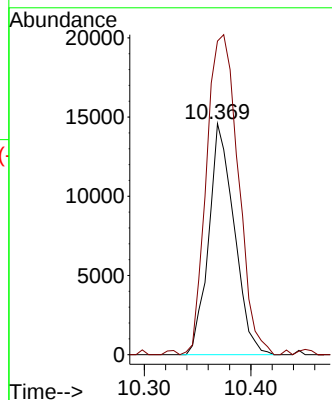
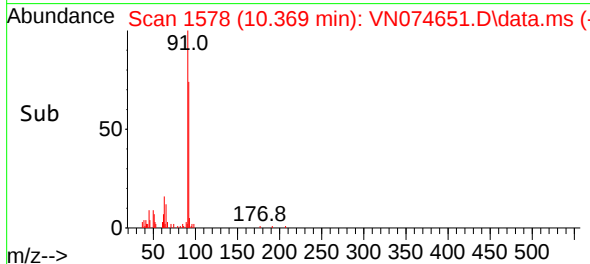
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 92 Resp: 24229
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8

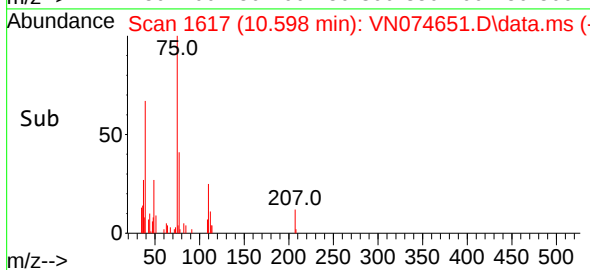
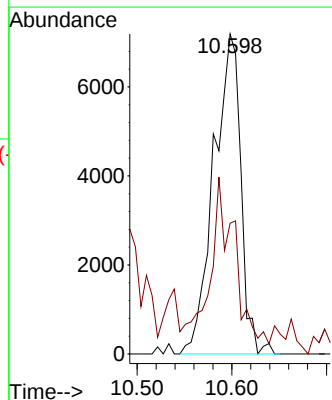
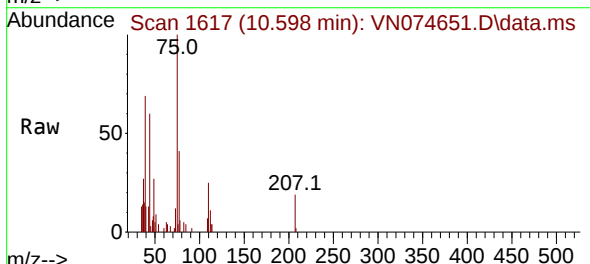
Manual Integrations
APPROVED

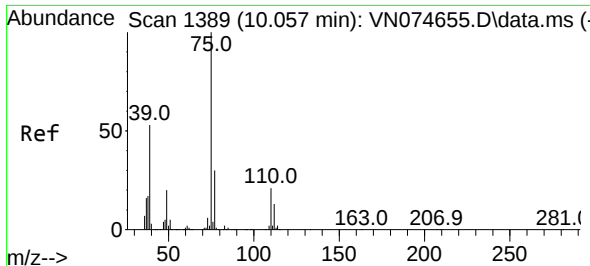
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#53
t-1,3-Dichloropropene
Concen: 0.926 ug/l
RT: 10.598 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion: 75 Resp: 14287
Ion Ratio Lower Upper
75 100
77 34.7 25.6 38.4





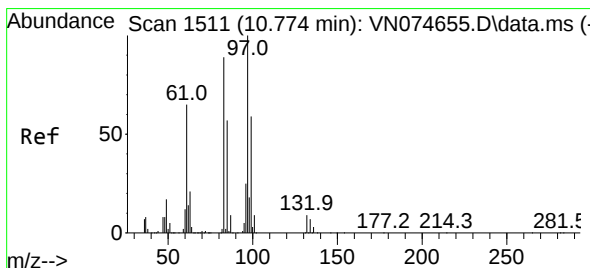
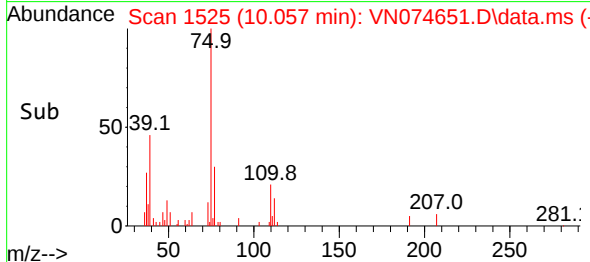
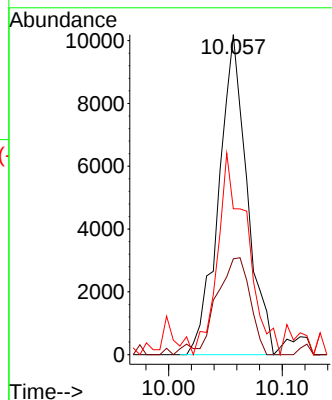
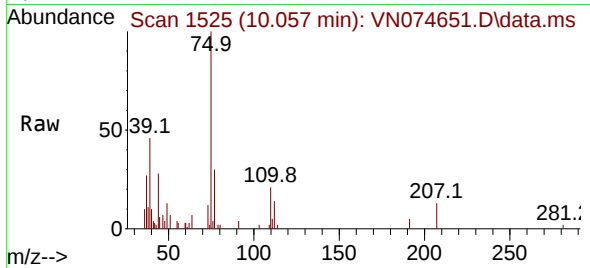
#54
 cis-1,3-Dichloropropene
 Concen: 1.046 ug/l
 RT: 10.057 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 1779
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.2 37.8
 39 45.6 35.7 53.5

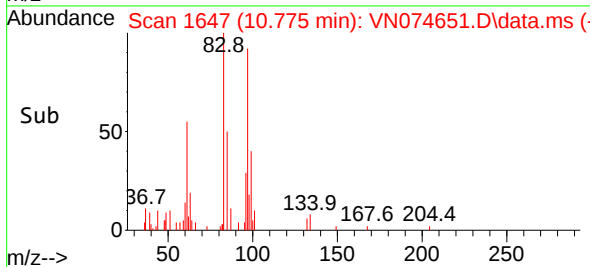
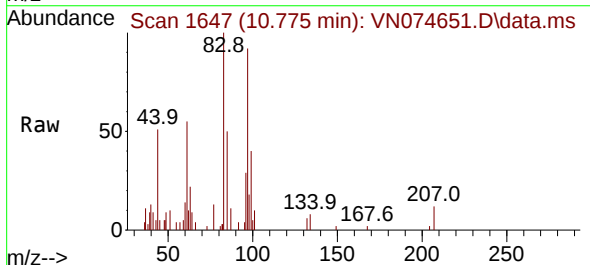
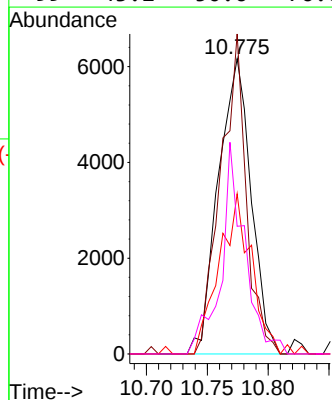
Manual Integrations
 APPROVED

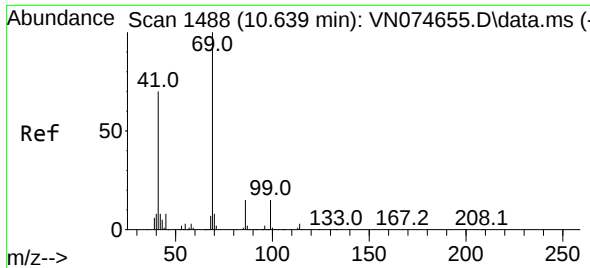
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#55
 1,1,2-Trichloroethane
 Concen: 1.170 ug/l
 RT: 10.775 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28

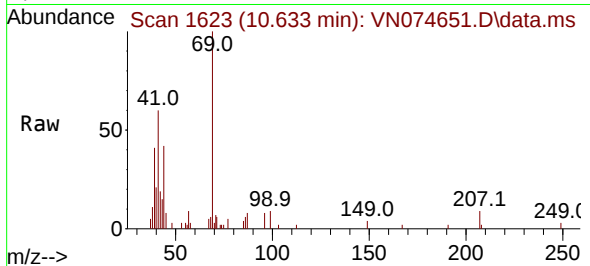
Tgt Ion: 97 Resp: 11553
 Ion Ratio Lower Upper
 97 100
 83 108.3 66.2 99.4#
 85 54.2 43.9 65.9
 99 43.2 50.6 76.0#





#56
Ethyl methacrylate
Concen: 0.905 ug/l
RT: 10.633 min Scan# 1623
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

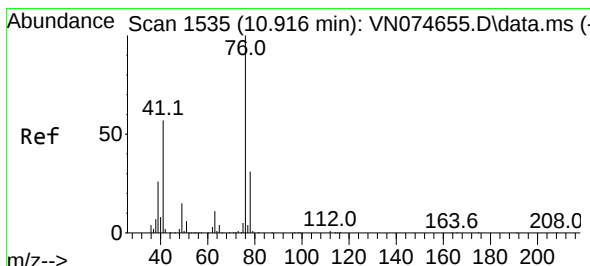
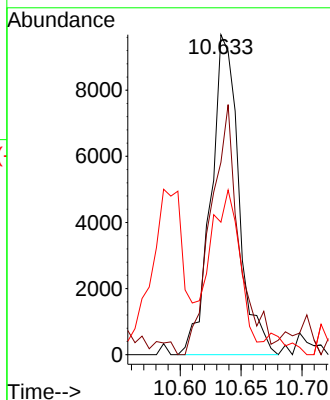
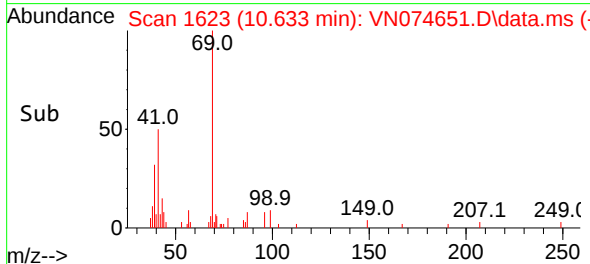
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



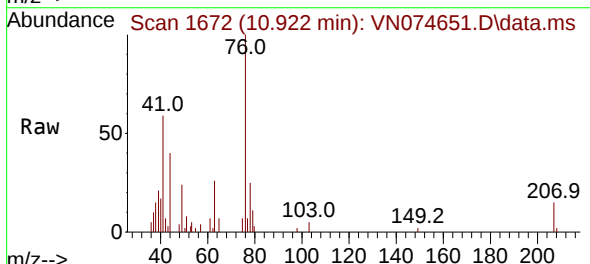
Tgt Ion: 69 Resp: 15420
Ion Ratio Lower Upper
69 100
41 80.7 47.8 71.6
39 51.4 27.3 40.9

Manual Integrations
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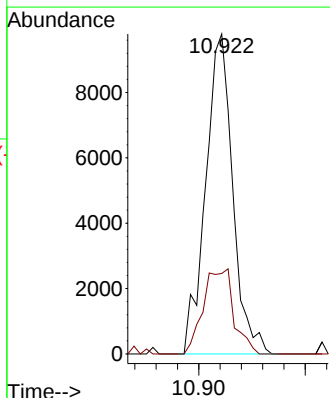
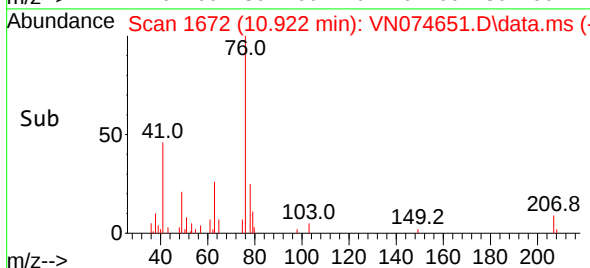
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

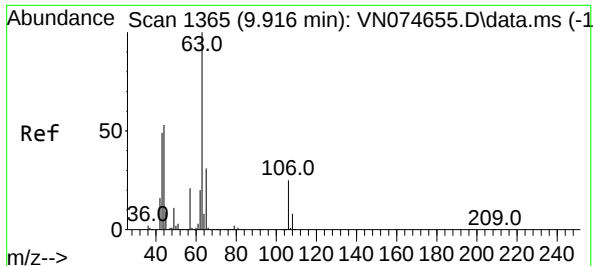


#57
1,3-Dichloropropane
Concen: 0.988 ug/l
RT: 10.922 min Scan# 1672
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



Tgt Ion: 76 Resp: 17270
Ion Ratio Lower Upper
76 100
78 29.9 26.2 39.2





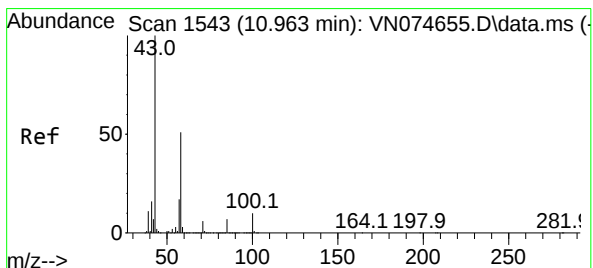
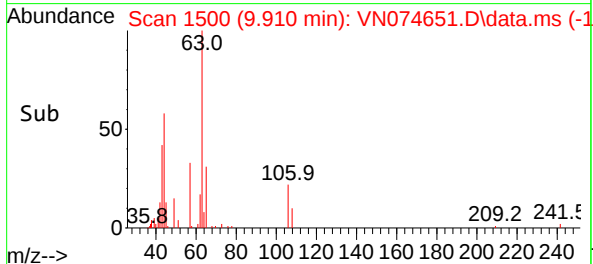
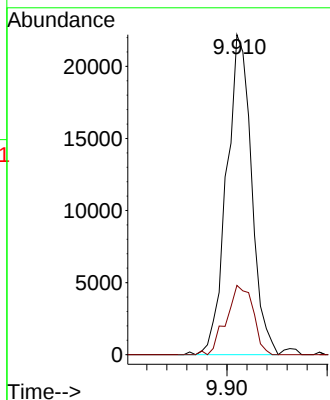
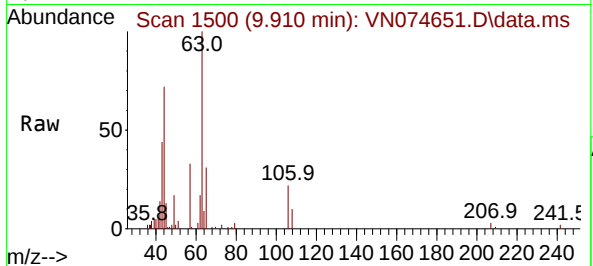
#58
2-Chloroethyl Vinyl ether
Concen: 5.521 ug/l
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 38410
Ion Ratio Lower Upper
63 100
106 23.3 24.6 36.8

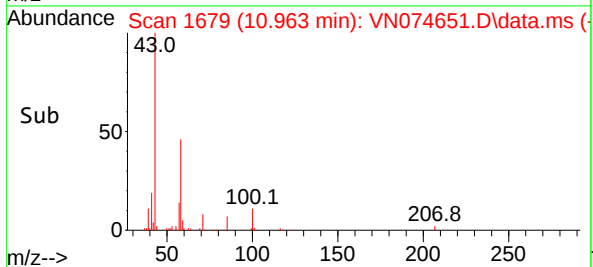
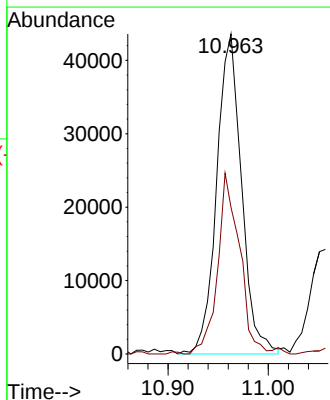
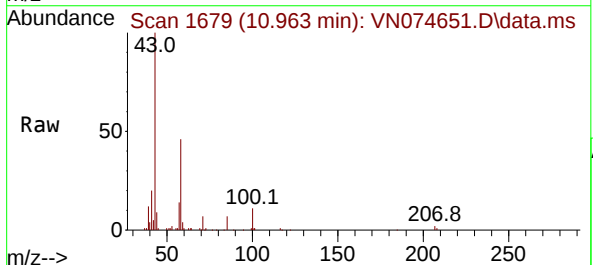
Manual Integrations
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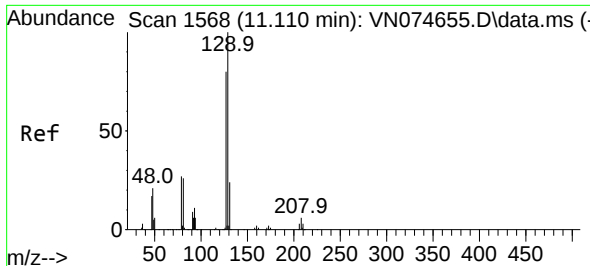
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#59
2-Hexanone
Concen: 5.046 ug/l
RT: 10.963 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion: 43 Resp: 75194
Ion Ratio Lower Upper
43 100
58 49.7 29.7 89.1





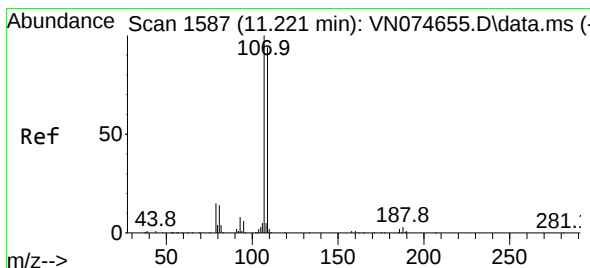
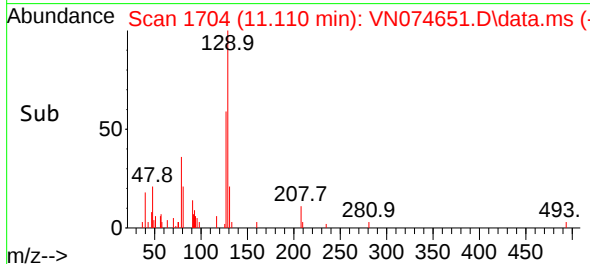
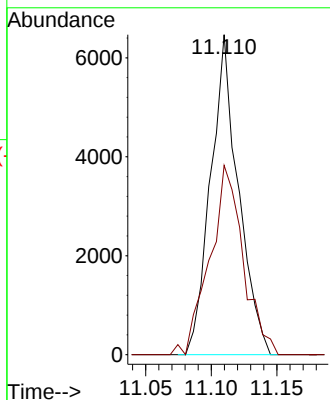
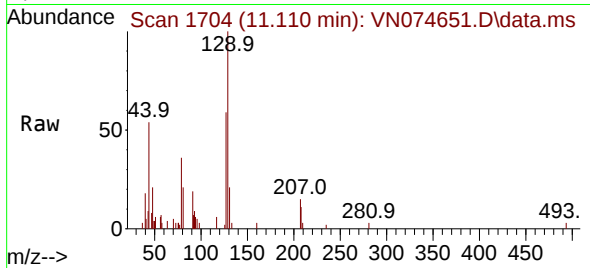
#60
Dibromochloromethane
Concen: 1.002 ug/l
RT: 11.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:129 Resp: 952
Ion Ratio Lower Upper
129 100
127 71.1 38.8 116.4

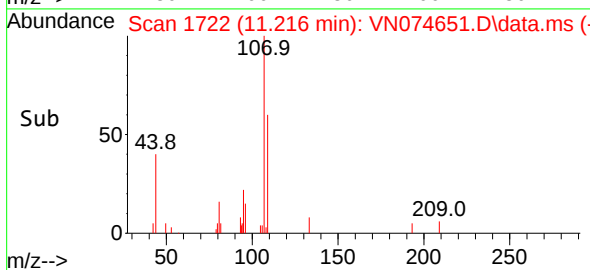
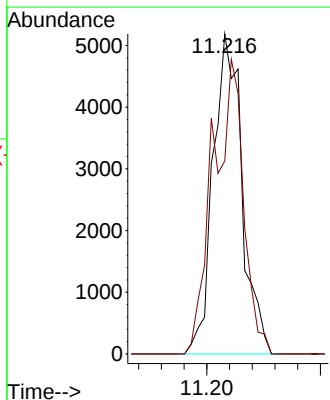
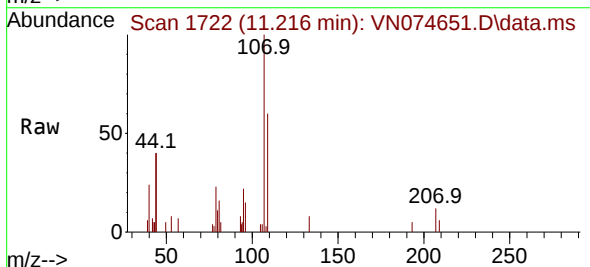
Manual Integrations
APPROVED

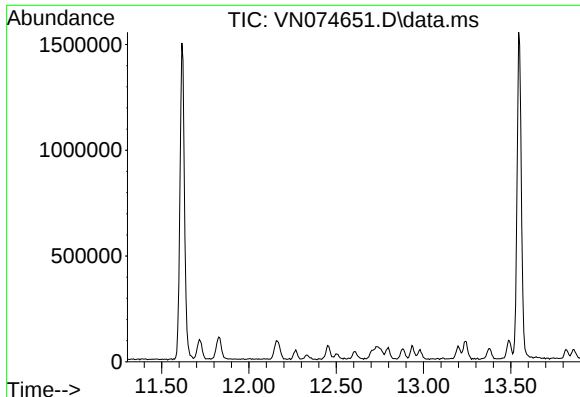
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#61
1,2-Dibromoethane
Concen: 0.942 ug/l
RT: 11.216 min Scan# 1722
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion:107 Resp: 9121
Ion Ratio Lower Upper
107 100
109 97.1 75.0 112.6





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.60 min

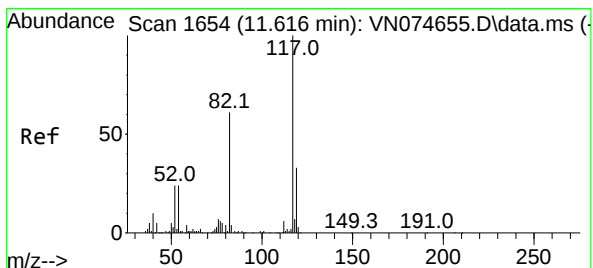
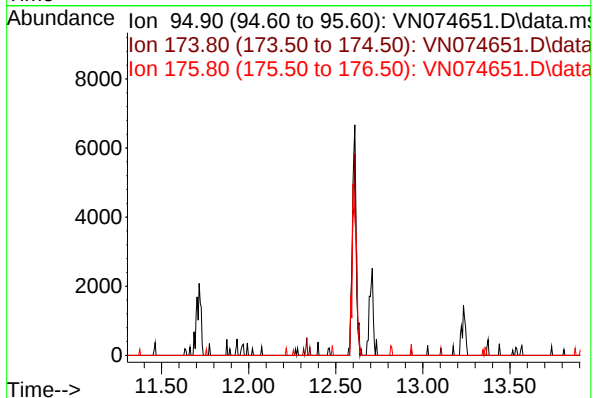
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 95
Sig Exp Ratio
95 100
174 83.8
176 81.7

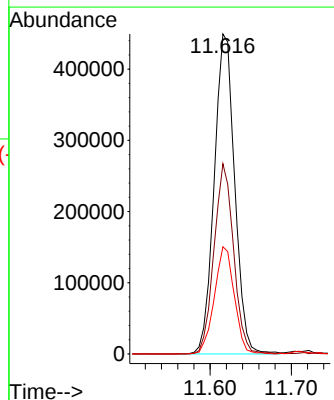
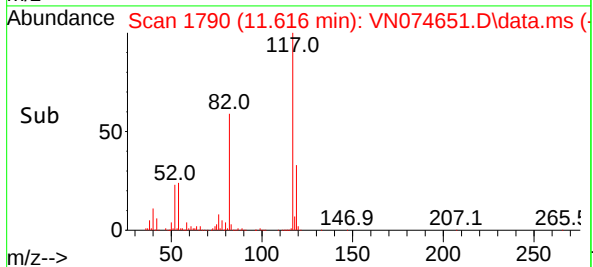
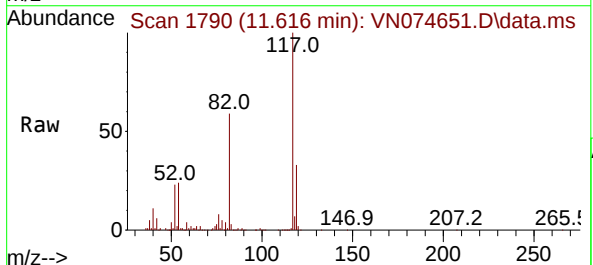
Manual Integrations APPROVED

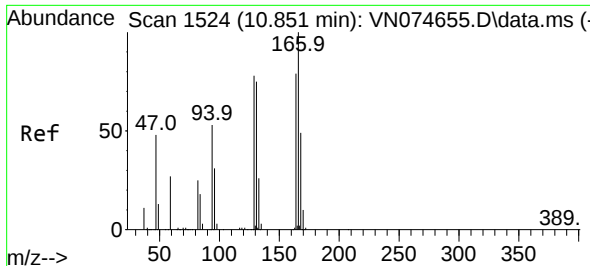
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.616 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

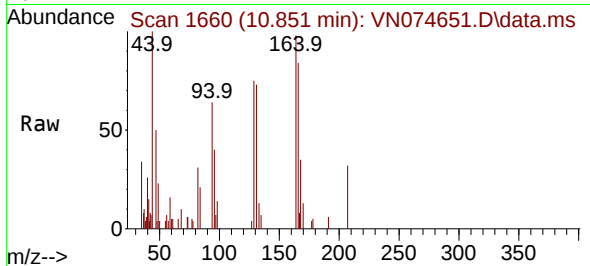
Tgt Ion:117 Resp: 788865
Ion Ratio Lower Upper
117 100
82 59.3 44.2 66.2
119 33.5 25.4 38.0





#64
Tetrachloroethene
Concen: 1.169 ug/l
RT: 10.851 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

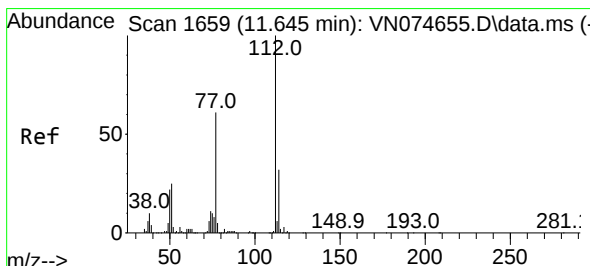
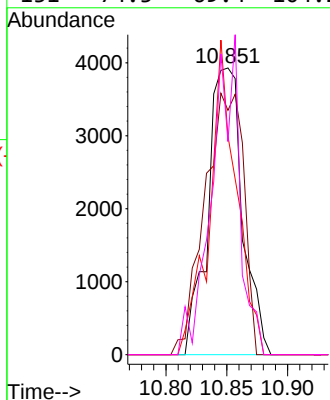
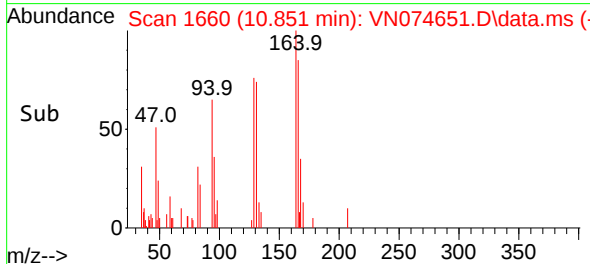
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:164 Resp: 7795
Ion Ratio Lower Upper
164 100
166 85.2 104.2 156.2
129 76.2 73.9 110.9
131 74.3 69.4 104.2

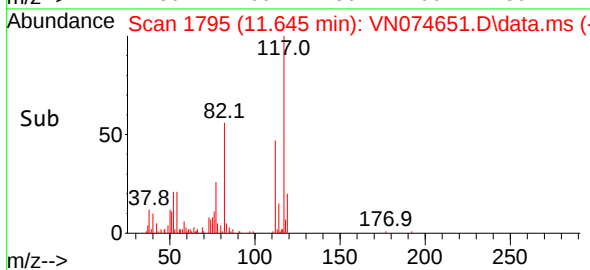
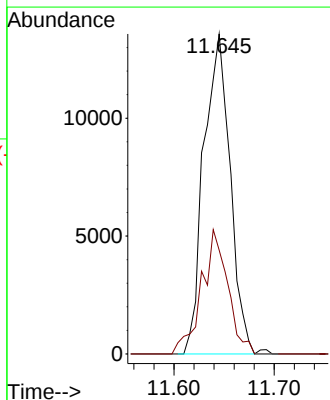
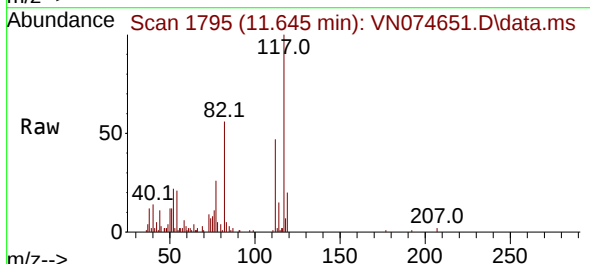
Manual Integrations
APPROVED

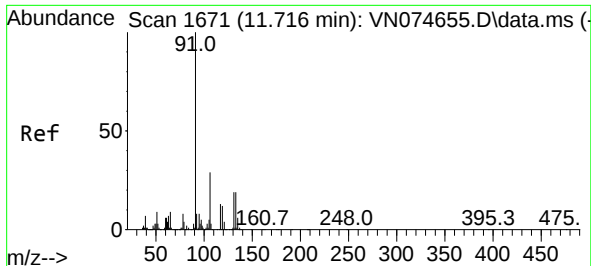
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#65
Chlorobenzene
Concen: 1.052 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

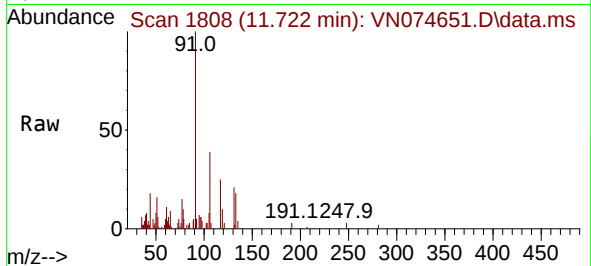
Tgt Ion:112 Resp: 24835
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 0.893 ug/l
RT: 11.722 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

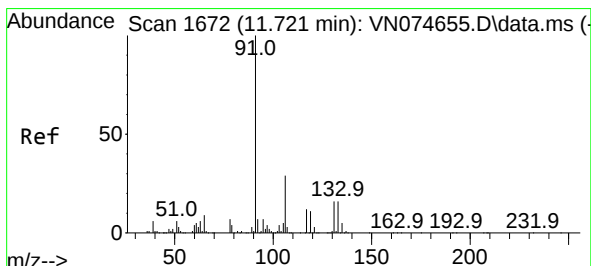
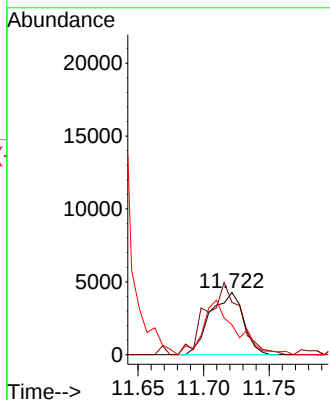
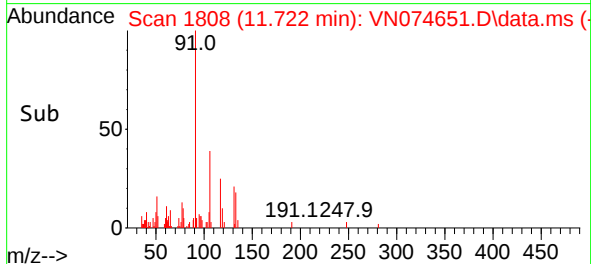
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



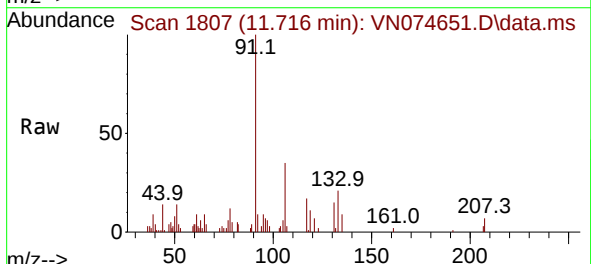
Tgt Ion: 131 Resp: 752
Ion Ratio Lower Upper
131 100
133 118.5 47.8 143.4
119 0.0 33.4 100.2

Manual Integrations
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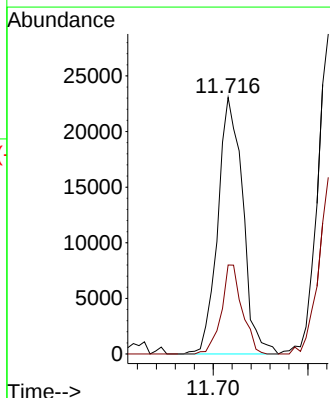
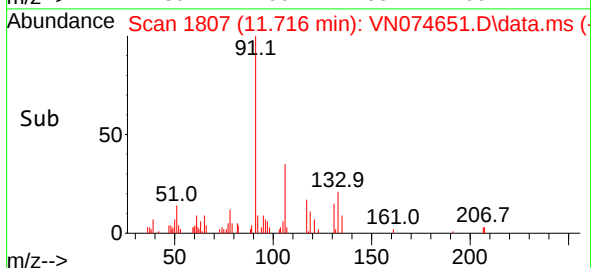
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

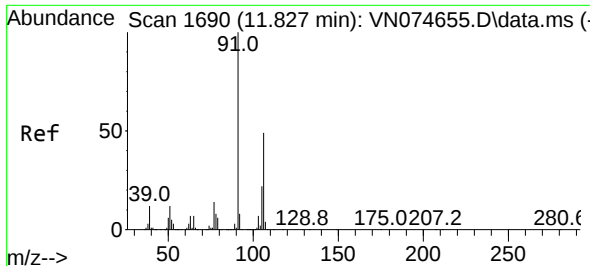


#67
Ethyl Benzene
Concen: 0.956 ug/l
RT: 11.716 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



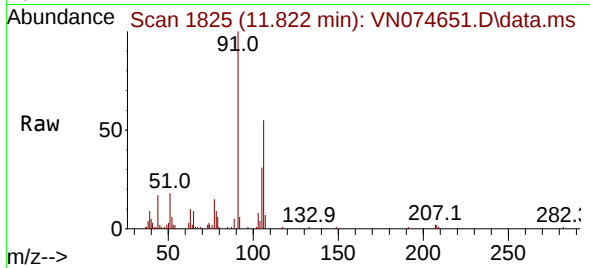
Tgt Ion: 91 Resp: 42204
Ion Ratio Lower Upper
91 100
106 34.7 24.9 37.3





#68
m/p-Xylenes
Concen: 1.997 ug/l
RT: 11.822 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

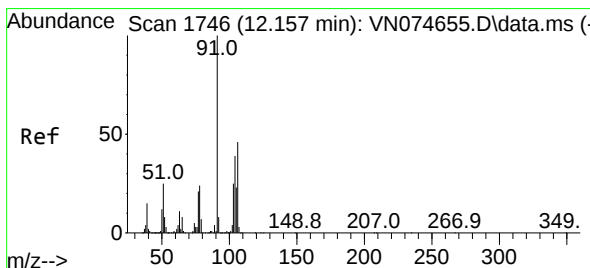
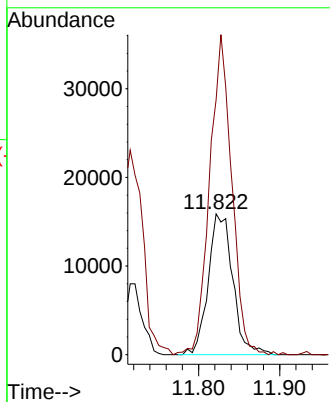
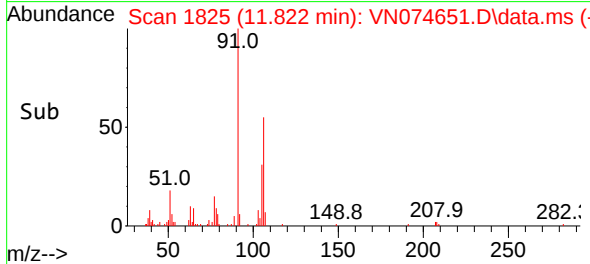
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



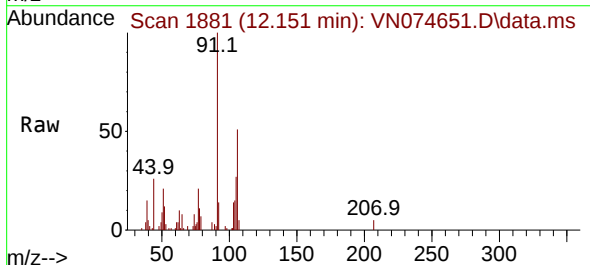
Tgt Ion:106 Resp: 3339
Ion Ratio Lower Upper
106 100
91 204.1 158.9 238.3

Manual Integrations
APPROVED

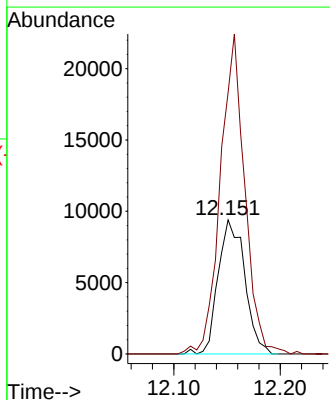
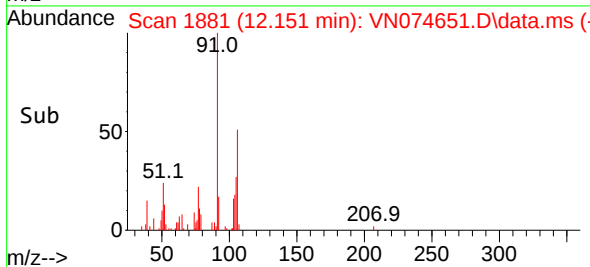
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

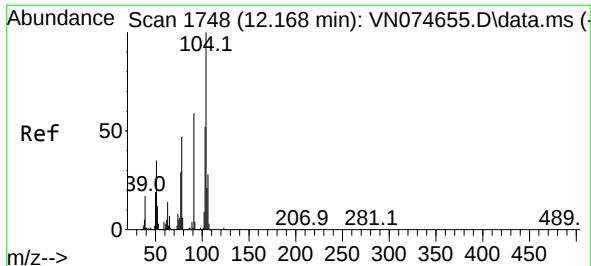


#69
o-Xylene
Concen: 0.971 ug/l
RT: 12.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



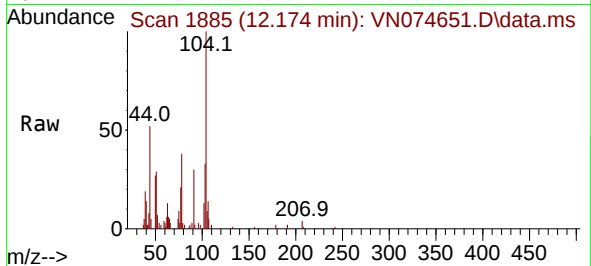
Tgt Ion:106 Resp: 16321
Ion Ratio Lower Upper
106 100
91 218.6 106.0 318.0





#70
Styrene
Concen: 0.906 ug/l
RT: 12.174 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

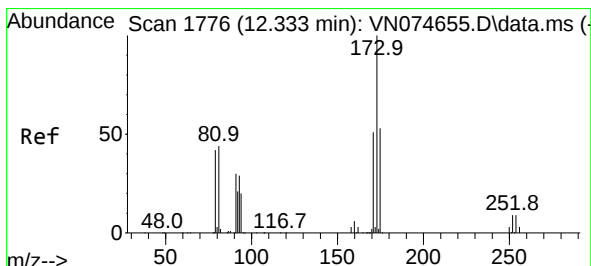
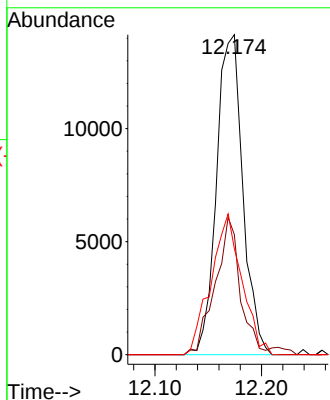
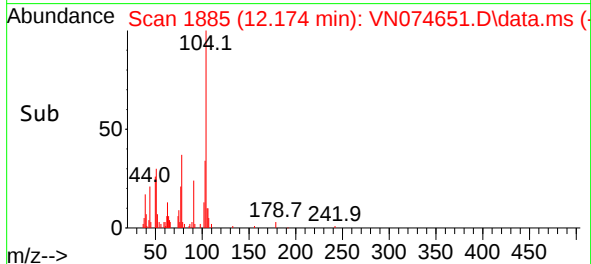
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:104 Resp: 24279
Ion Ratio Lower Upper
104 100
78 40.8 39.5 59.3
103 51.6 44.0 66.0

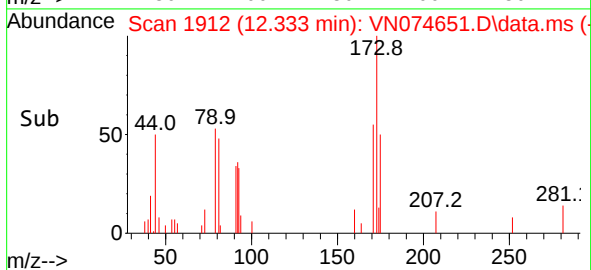
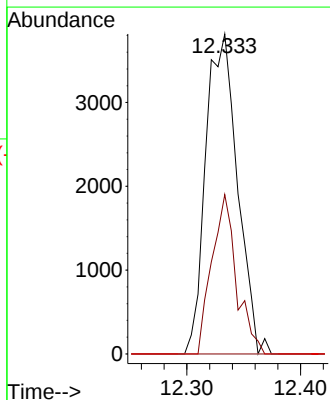
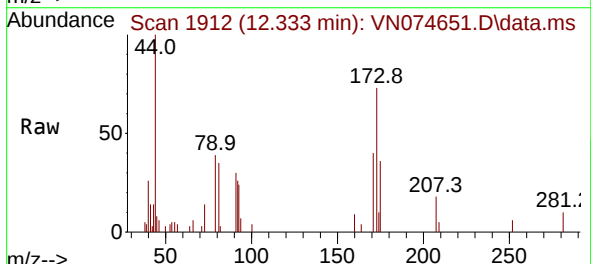
Manual Integrations
APPROVED

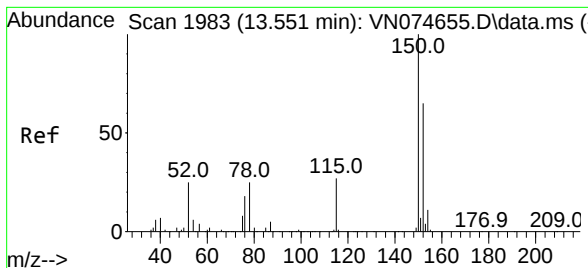
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#71
Bromoform
Concen: 1.096 ug/l
RT: 12.333 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

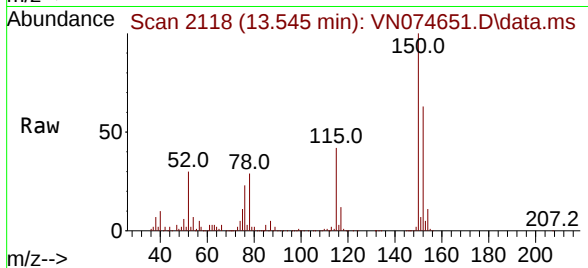
Tgt Ion:173 Resp: 7400
Ion Ratio Lower Upper
173 100
175 38.7 24.6 73.6
254 0.0 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

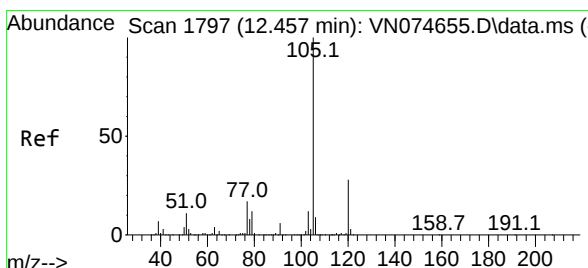
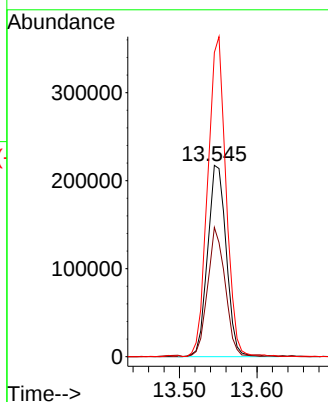
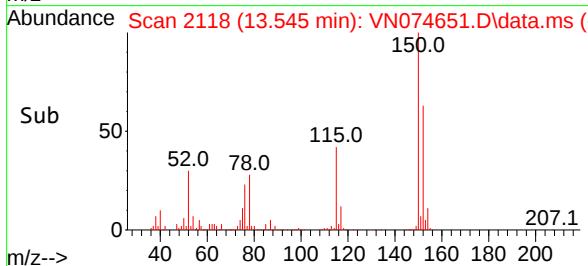
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



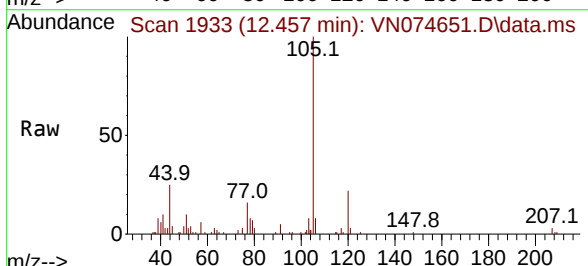
Tgt Ion:152 Resp: 36443
Ion Ratio Lower Upper
152 100
115 63.1 28.9 86.7
150 163.6 0.0 356.2

Manual Integrations
APPROVED

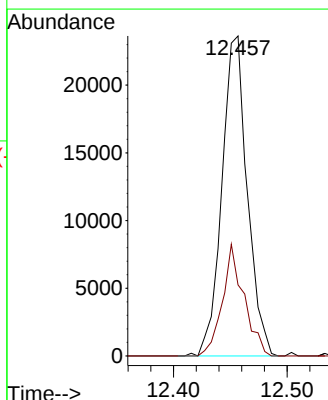
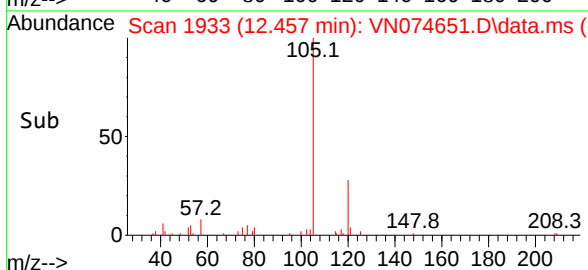
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

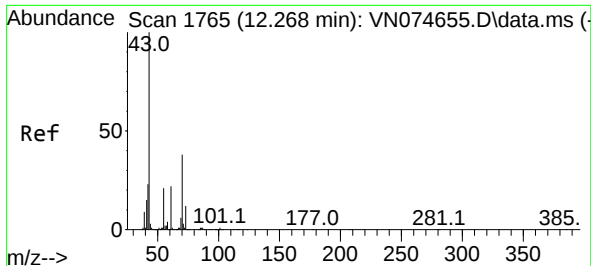


#73
Isopropylbenzene
Concen: 1.075 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



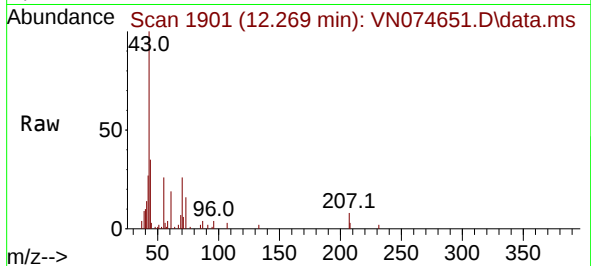
Tgt Ion:105 Resp: 36690
Ion Ratio Lower Upper
105 100
120 29.6 13.5 40.4





#74
N-amy1 acetate
Concen: 1.267 ug/l
RT: 12.269 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

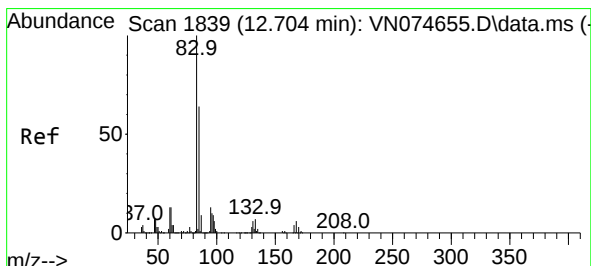
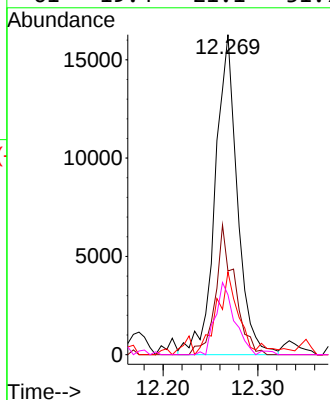
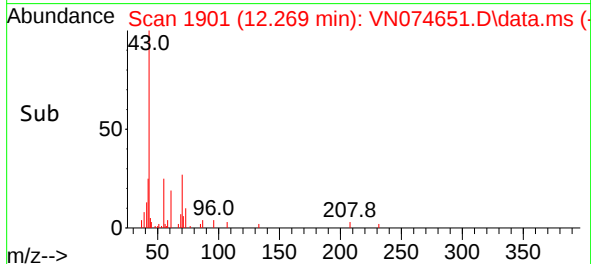
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 2650
Ion Ratio Lower Upper
43 100
70 35.1 39.0 58.4
55 24.5 21.1 31.7
61 19.4 21.1 31.7#

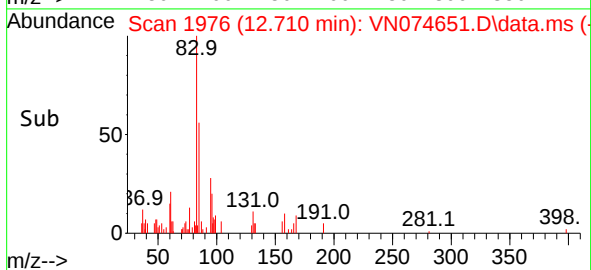
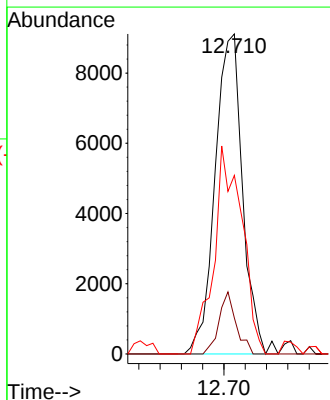
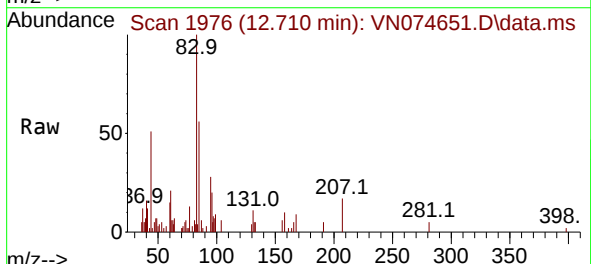
Manual Integrations
APPROVED

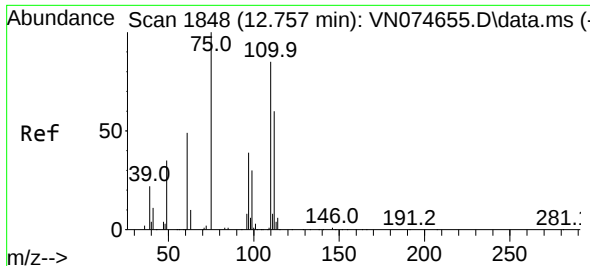
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#75
1,1,2,2-Tetrachloroethane
Concen: 1.257 ug/l
RT: 12.710 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

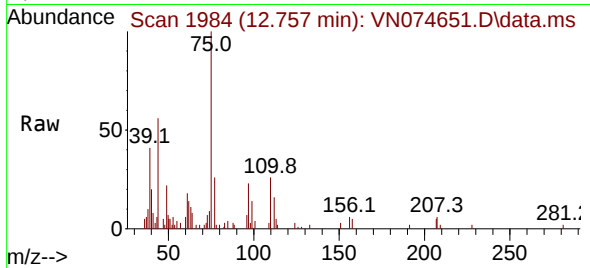
Tgt Ion: 83 Resp: 16327
Ion Ratio Lower Upper
83 100
131 12.1 5.3 15.9
85 66.2 32.3 96.9





#76
1,2,3-Trichloropropane
Concen: 0.954 ug/l m
RT: 12.757 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

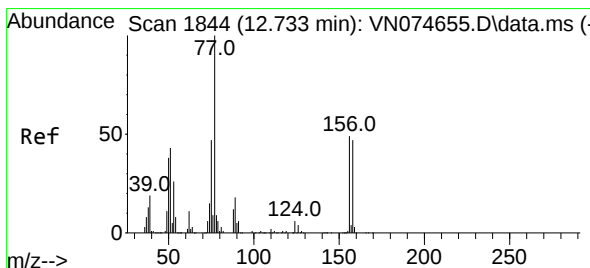
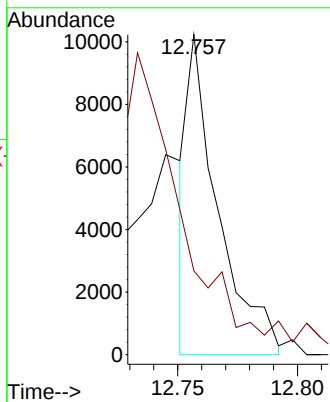
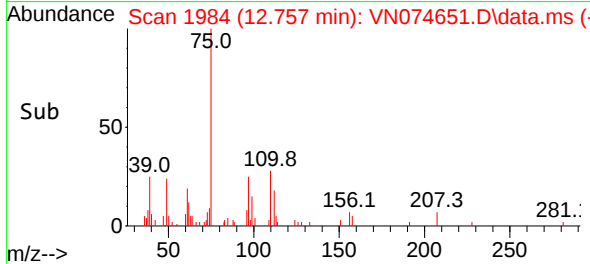
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 9035
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5

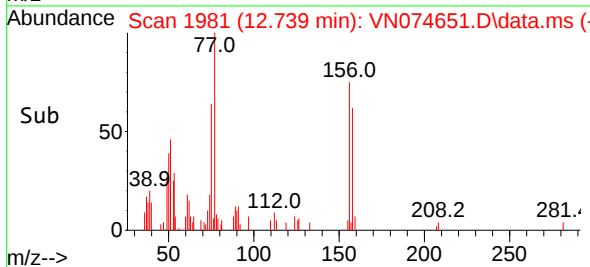
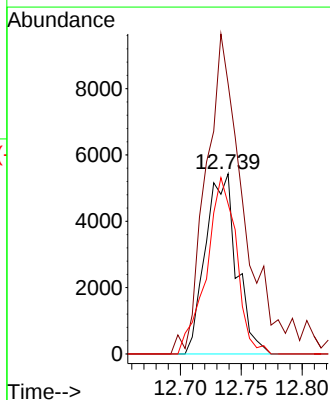
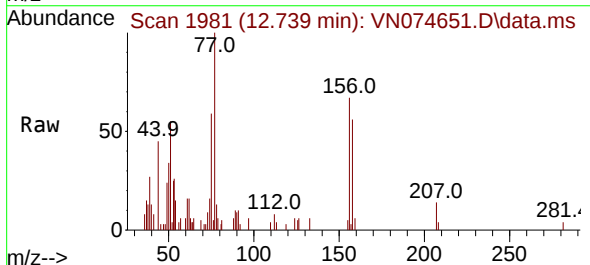
Manual Integrations
APPROVED

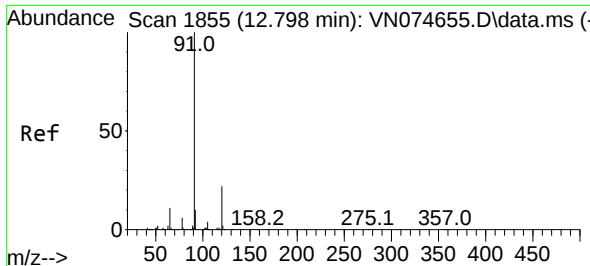
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#77
Bromobenzene
Concen: 1.319 ug/l
RT: 12.739 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion:156 Resp: 9648
Ion Ratio Lower Upper
156 100
77 210.5 100.5 301.5
158 94.0 48.9 146.6





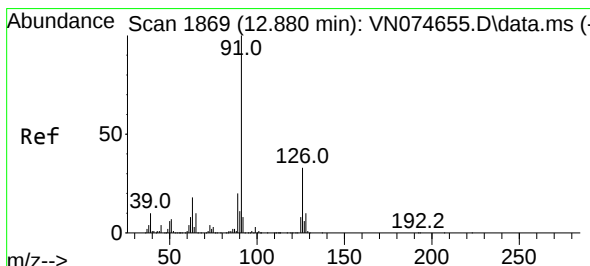
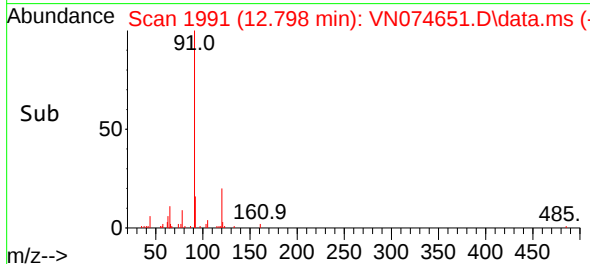
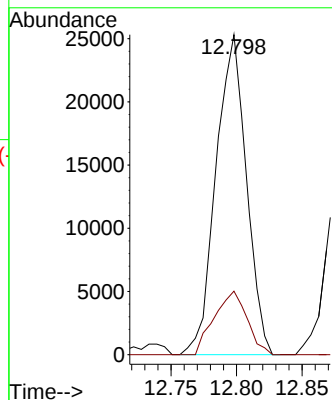
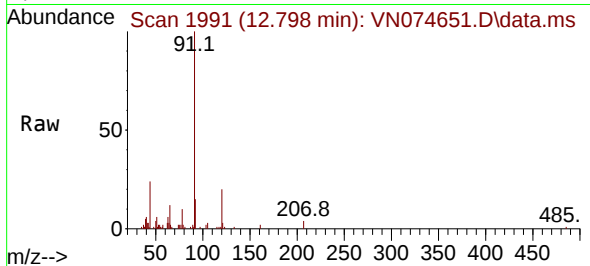
#78
n-propylbenzene
Concen: 1.038 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 40889
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.5

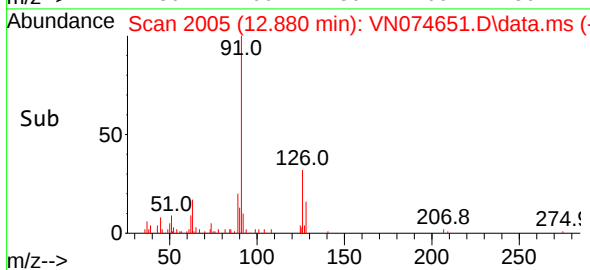
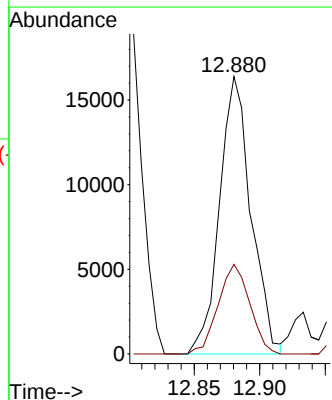
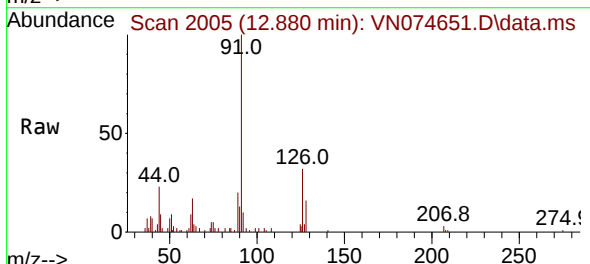
Manual Integrations
APPROVED

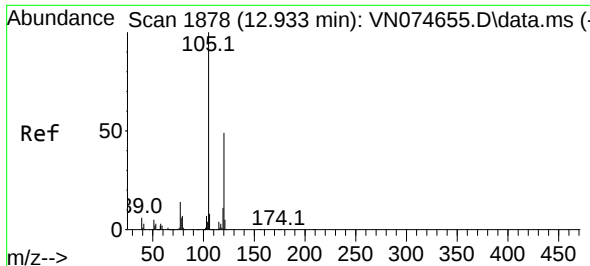
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#79
2-Chlorotoluene
Concen: 1.156 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion: 91 Resp: 27346
Ion Ratio Lower Upper
91 100
126 32.4 17.3 51.9





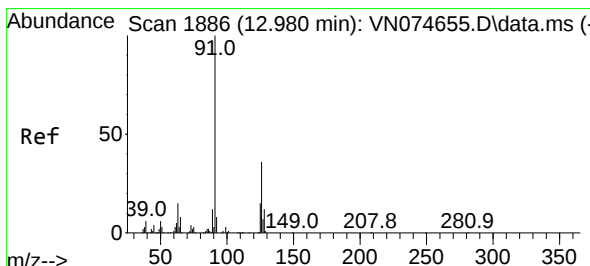
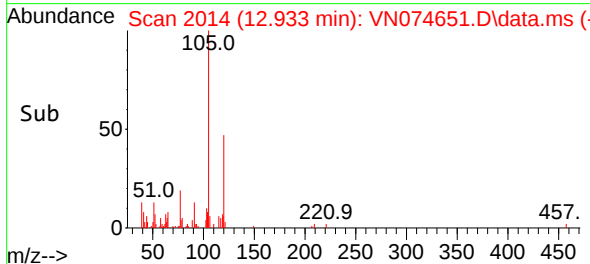
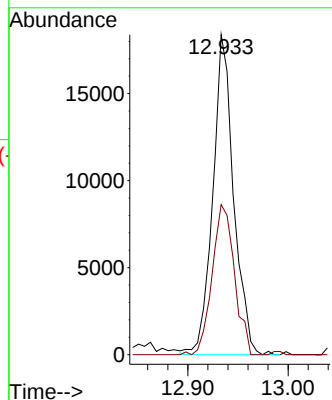
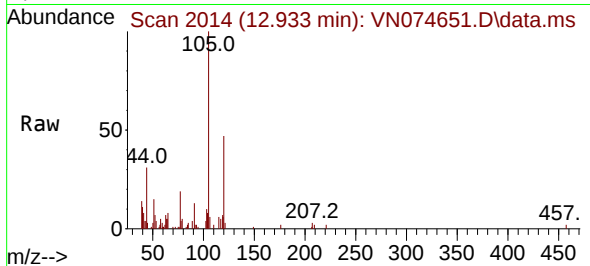
#80
1,3,5-Trimethylbenzene
Concen: 0.974 ug/l
RT: 12.933 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 26524
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7

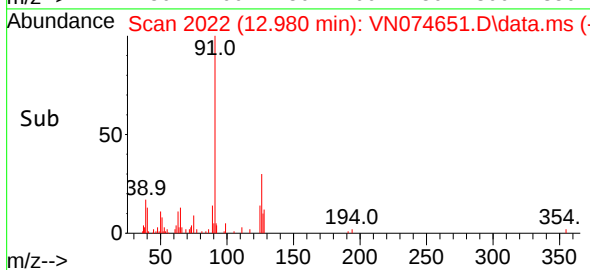
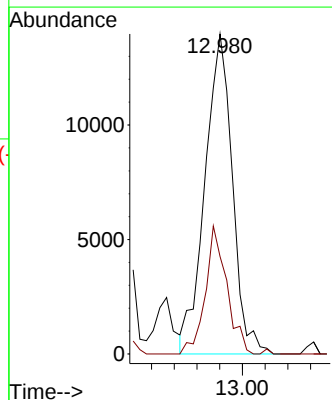
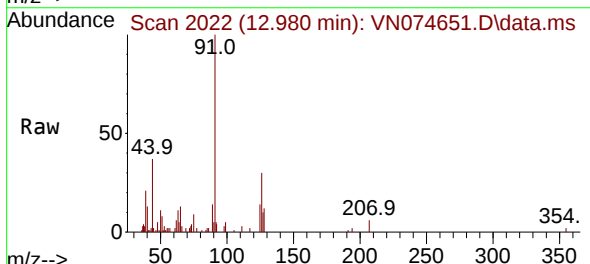
Manual Integrations
APPROVED

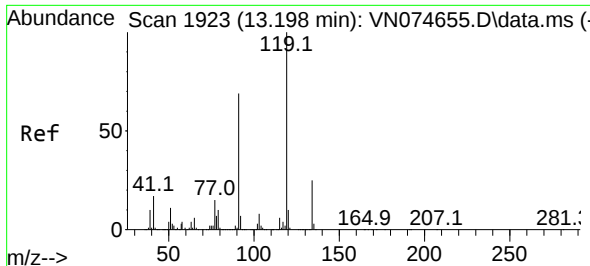
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 1.067 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion: 91 Resp: 23500
Ion Ratio Lower Upper
91 100
126 31.2 17.2 51.6





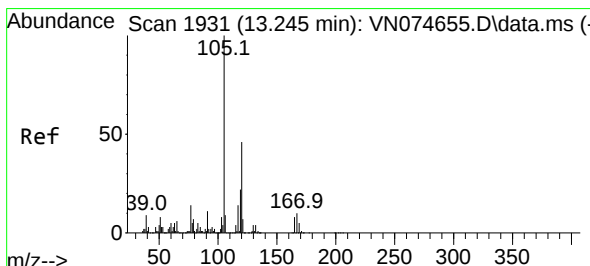
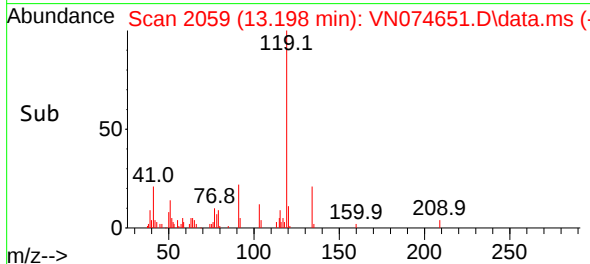
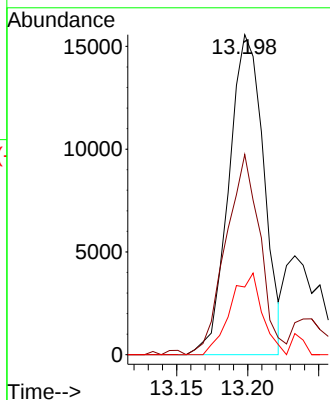
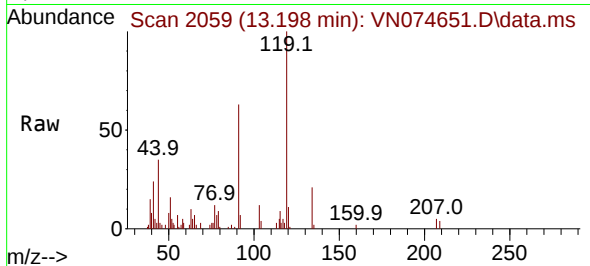
#83
tert-Butylbenzene
Concen: 1.096 ug/l
RT: 13.198 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 26658
Ion Ratio Lower Upper
119 100
91 62.2 31.6 94.8
134 23.1 13.7 41.1

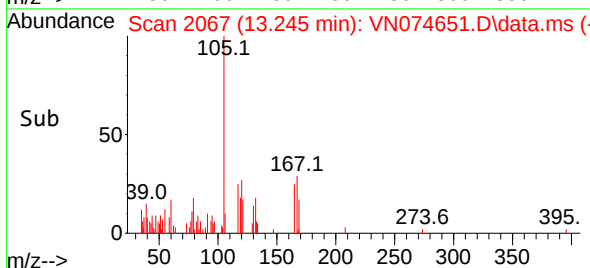
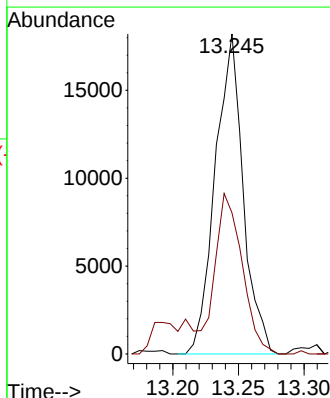
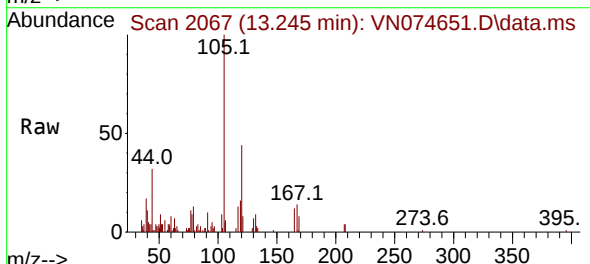
Manual Integrations
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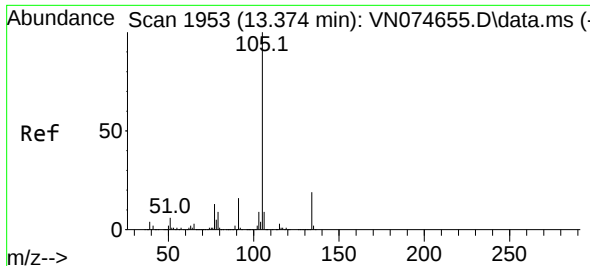
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 0.990 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

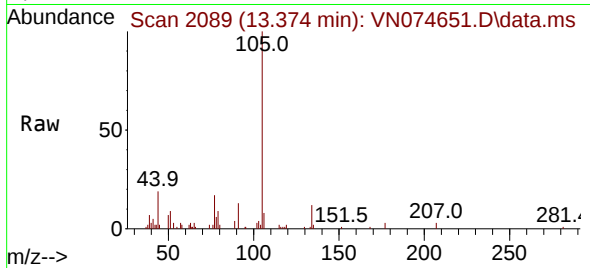
Tgt Ion:105 Resp: 26934
Ion Ratio Lower Upper
105 100
120 49.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 1.018 ug/l
 RT: 13.374 min Scan# 2109
 Delta R.T. 0.000 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28

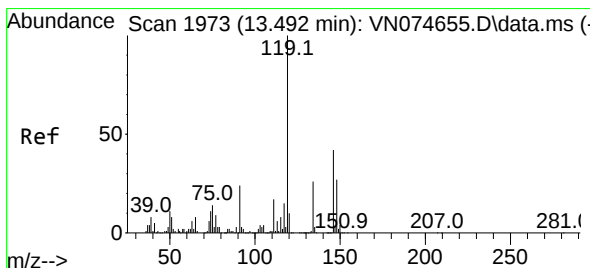
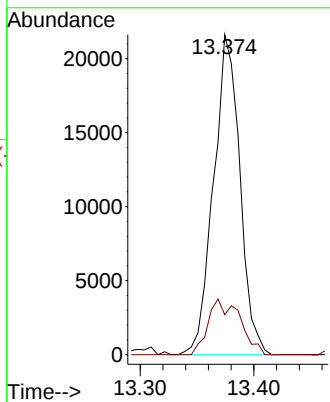
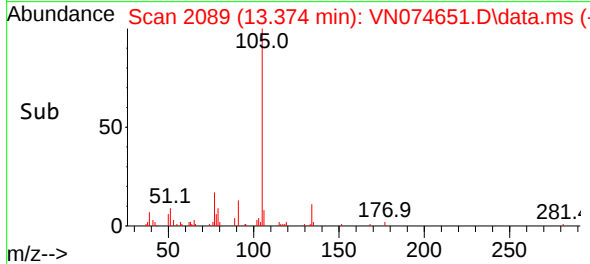
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion:105 Resp: 3482
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

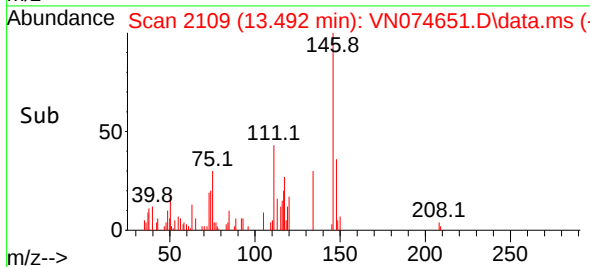
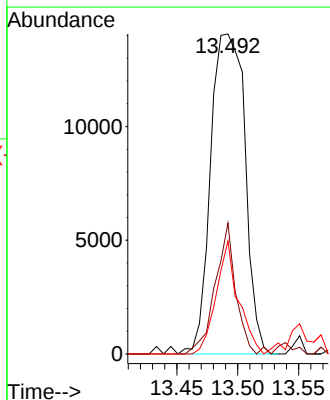
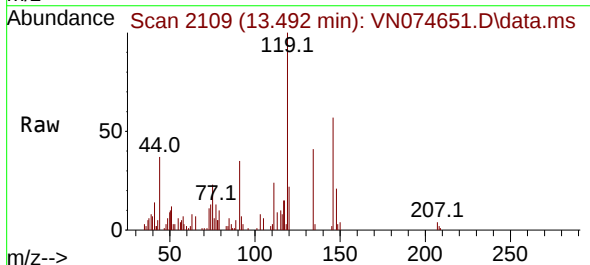
Manual Integrations
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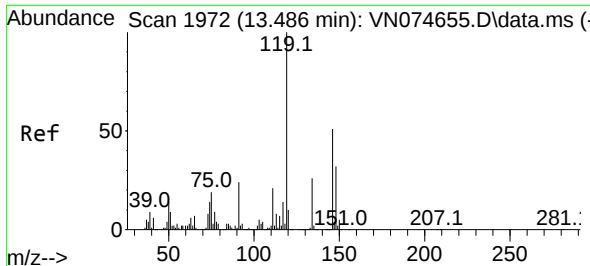
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#86
 p-Isopropyltoluene
 Concen: 1.016 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. 0.000 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28

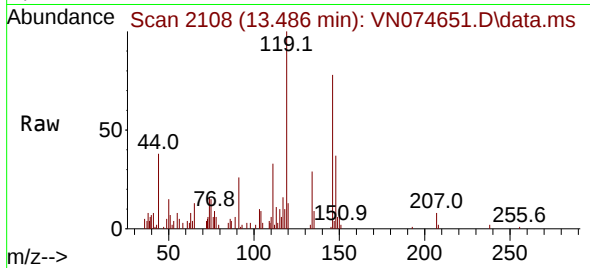
Tgt Ion:119 Resp: 27514
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.3 39.8
 91 22.8 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 1.105 ug/l
 RT: 13.486 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28

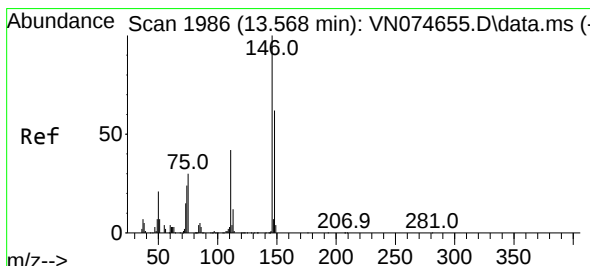
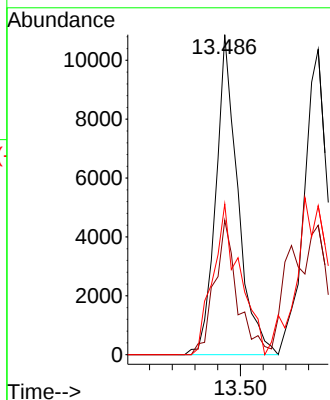
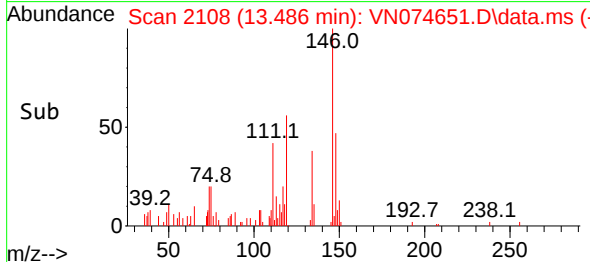
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



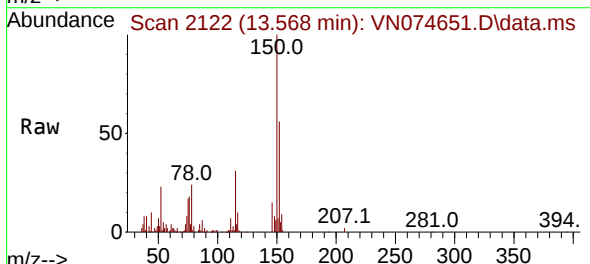
Tgt Ion:146 Resp: 1465
 Ion Ratio Lower Upper
 146 100
 111 43.8 20.0 60.0
 148 57.7 32.0 96.0

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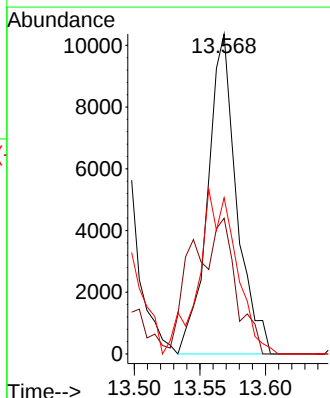
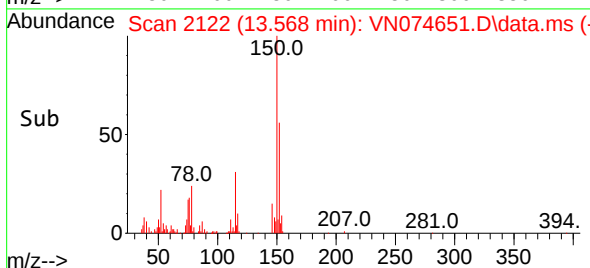
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/05/2022

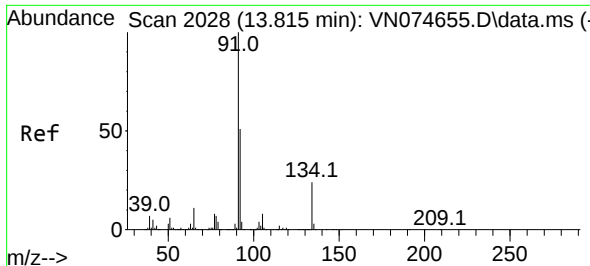


#88
 1,4-Dichlorobenzene
 Concen: 1.175 ug/l
 RT: 13.568 min Scan# 2122
 Delta R.T. 0.000 min
 Lab File: VN074651.D
 Acq: 29 Sep 2022 09:28



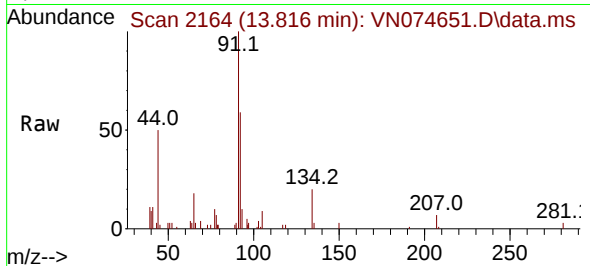
Tgt Ion:146 Resp: 15931
 Ion Ratio Lower Upper
 146 100
 111 32.9 19.1 57.1
 148 66.9 31.4 94.3





#89
n-Butylbenzene
Concen: 1.015 ug/l
RT: 13.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

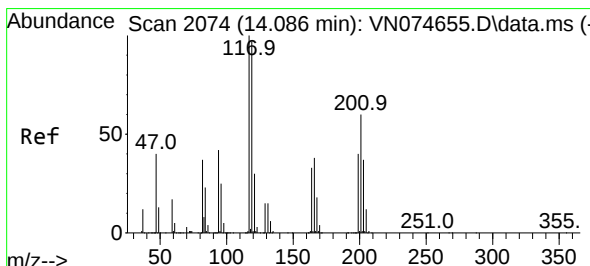
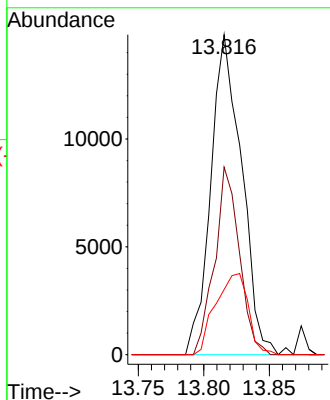
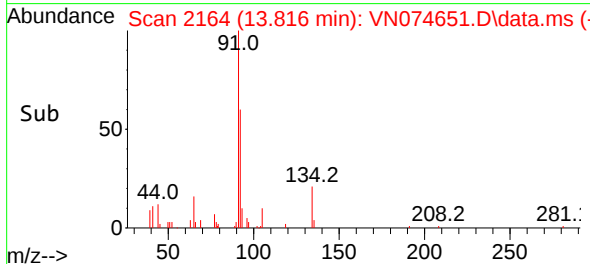
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 91 Resp: 24260
Ion Ratio Lower Upper
91 100
92 47.0 26.9 80.7
134 26.9 13.6 40.8

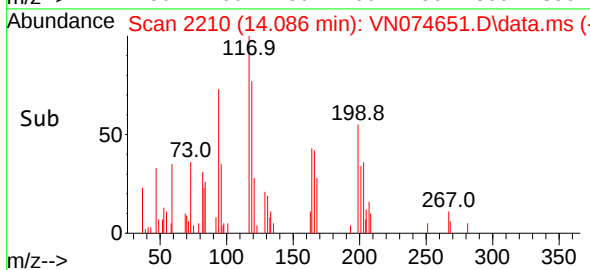
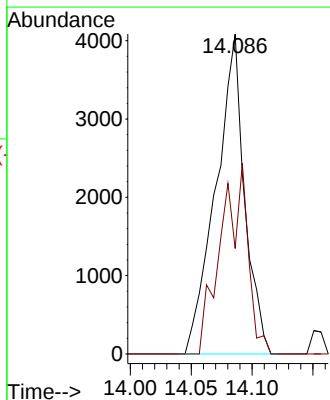
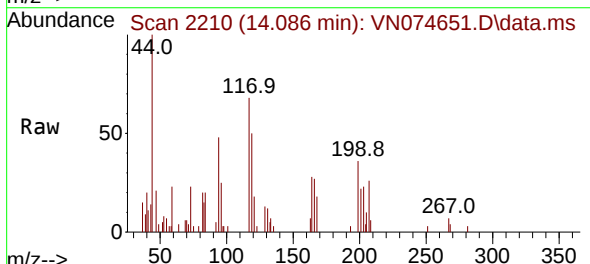
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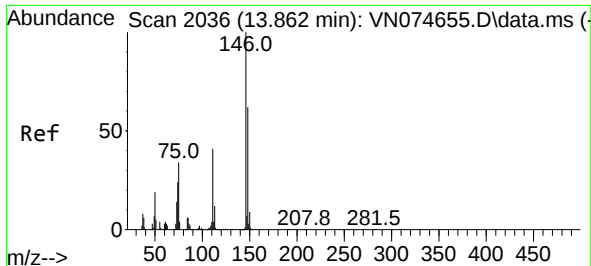
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 1.150 ug/l
RT: 14.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

Tgt Ion:117 Resp: 6704
Ion Ratio Lower Upper
117 100
201 55.8 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 1.164 ug/l

RT: 13.863 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

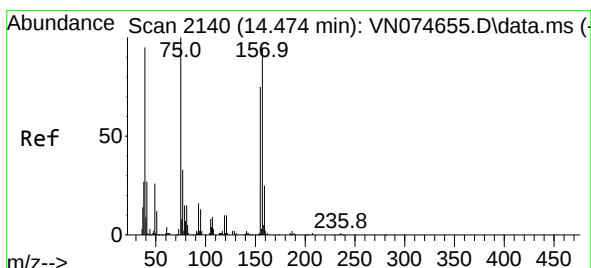
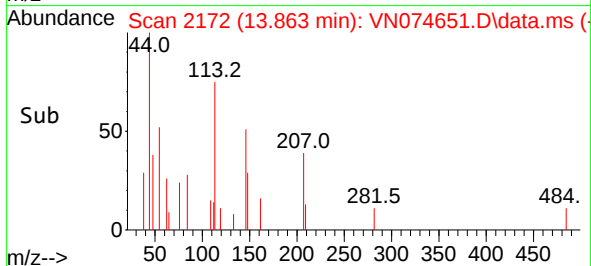
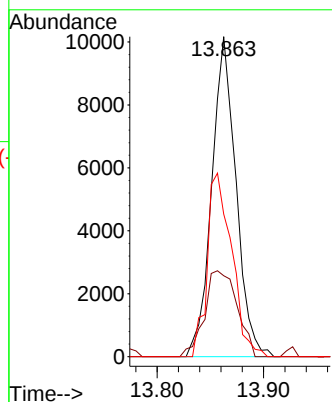
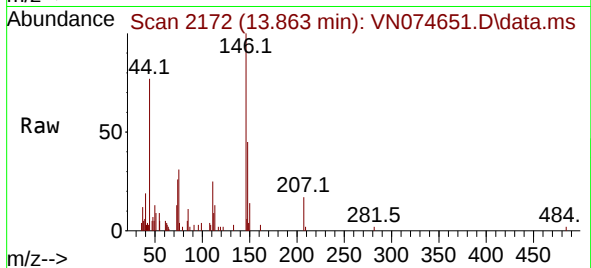
Tgt Ion:	146	Resp:	16119
Ion Ratio	Lower	Upper	
146	100		
111	36.1	20.9	62.8
148	58.0	32.1	96.3

Manual Integrations

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Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/05/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.278 ug/l

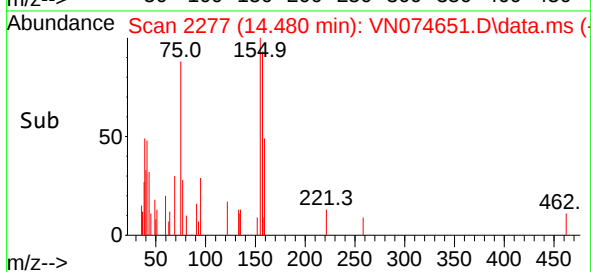
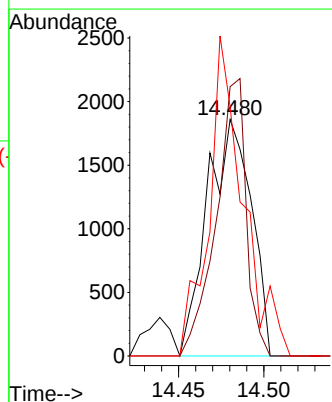
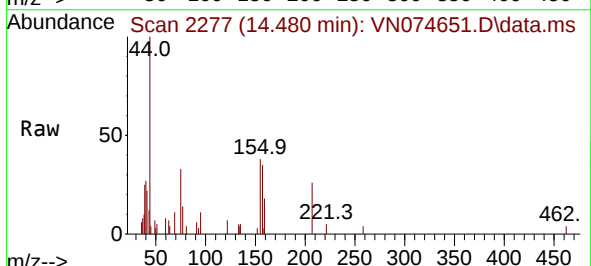
RT: 14.480 min Scan# 2277

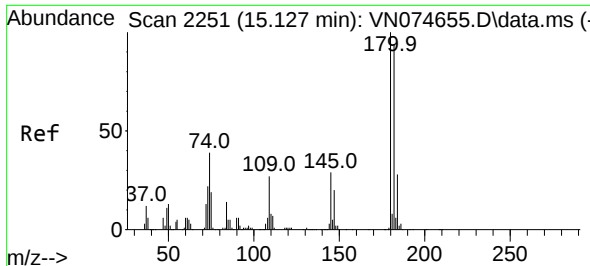
Delta R.T. 0.006 min

Lab File: VN074651.D

Acq: 29 Sep 2022 09:28

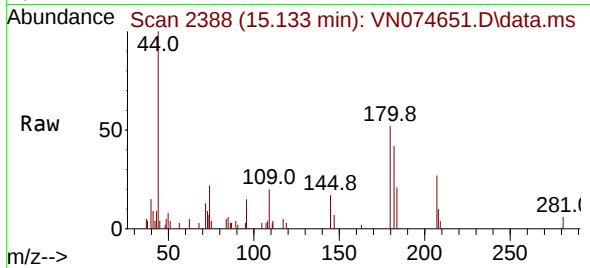
Tgt Ion:	75	Resp:	3346
Ion Ratio	Lower	Upper	
75	100		
155	80.1	44.9	134.5
157	104.7	59.0	176.8





#93
1,2,4-Trichlorobenzene
Concen: 1.051 ug/l
RT: 15.133 min Scan# 2405
Delta R.T. 0.006 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

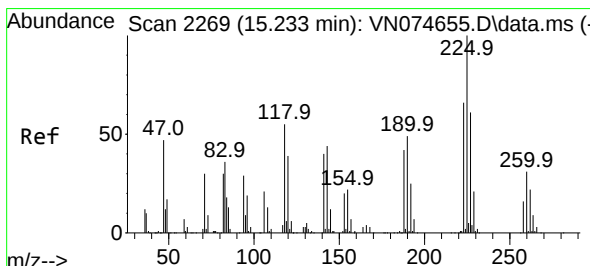
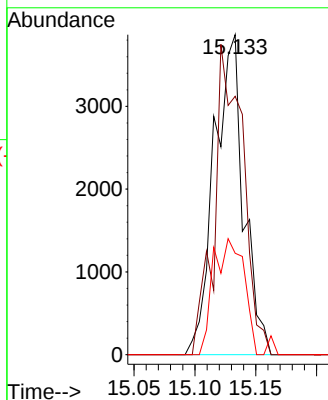
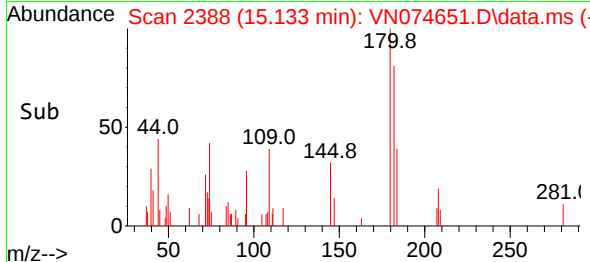
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



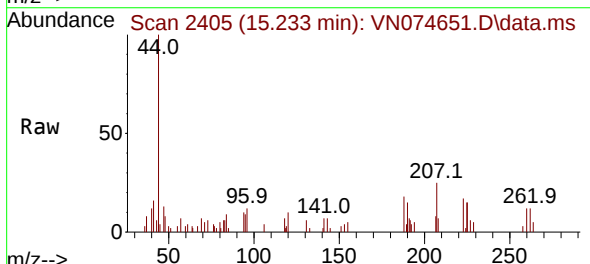
Tgt Ion:180 Resp: 650
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 37.6 14.5 43.5

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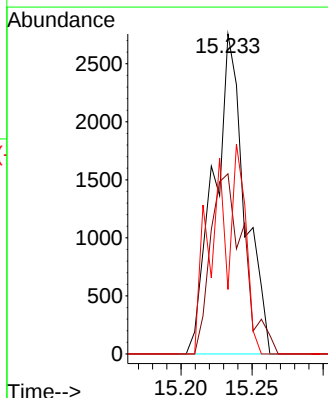
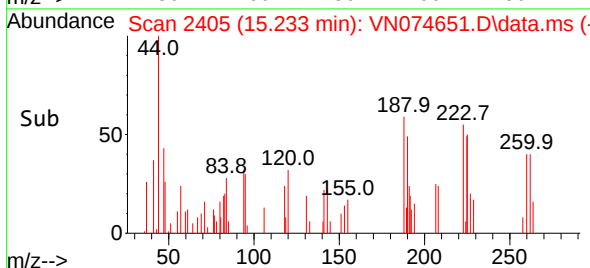
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022

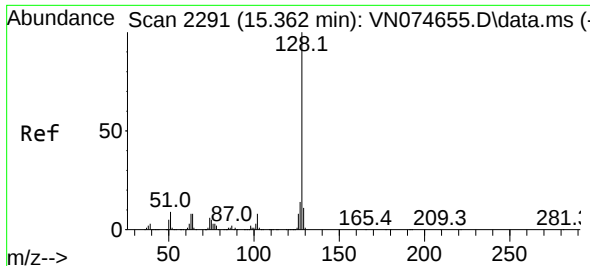


#94
Hexachlorobutadiene
Concen: 1.376 ug/l
RT: 15.233 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



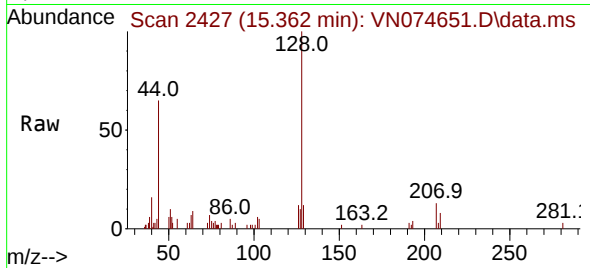
Tgt Ion:225 Resp: 4167
Ion Ratio Lower Upper
225 100
223 60.3 32.4 97.2
227 35.4 31.8 95.4





#95
Naphthalene
Concen: 0.923 ug/l
RT: 15.362 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28

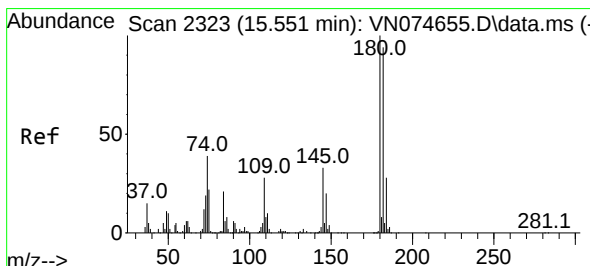
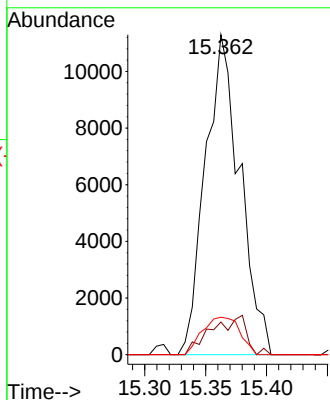
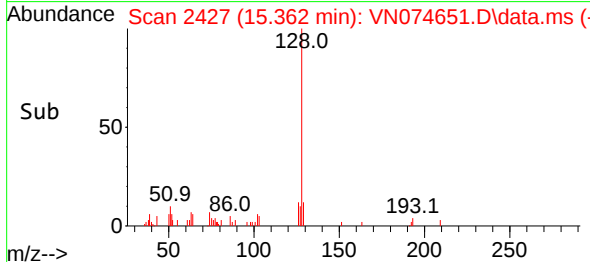
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



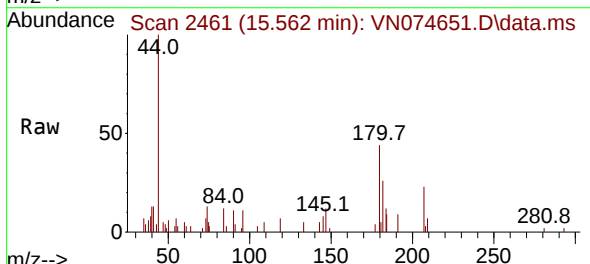
Tgt Ion:128 Resp: 22330
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 12.6 8.6 13.0

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Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 1.058 ug/l m
RT: 15.562 min Scan# 2461
Delta R.T. 0.012 min
Lab File: VN074651.D
Acq: 29 Sep 2022 09:28



Tgt Ion:180 Resp: 6519
Ion Ratio Lower Upper
180 100
182 93.0 47.8 143.3
145 32.6 15.5 46.5

