

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074452.D
 Acq On : 15 Sep 2022 09:59
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 13:02:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 13:01:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	439180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	834431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	698337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	259794	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	2.040	85	6142	1.079	ug/l	88
3) Chloromethane	2.263	50	9431	1.174	ug/l	97
4) Vinyl Chloride	2.405	62	9944	1.046	ug/l #	82
7) Trichlorofluoromethane	3.328	101	11622	1.238	ug/l #	80
8) Diethyl Ether	3.763	74	6341	1.601	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	4.146	101	6202	1.102	ug/l #	46
12) 1,1-Dichloroethene	4.122	96	8233	1.504	ug/l #	55
14) Allyl chloride	4.769	41	12582	1.048	ug/l #	80
15) Acrylonitrile	5.469	53	30098	6.619	ug/l #	93
16) Acetone	4.216	43	28228	6.881	ug/l #	65
17) Carbon Disulfide	4.463	76	17492	1.176	ug/l #	73
18) Methyl Acetate	4.763	43	17706	1.464	ug/l #	78
19) Methyl tert-butyl Ether	5.528	73	26280	1.193	ug/l	96
20) Methylene Chloride	5.016	84	12355m	1.744	ug/l	
21) trans-1,2-Dichloroethene	5.504	96	10092m	1.645	ug/l	
22) Diisopropyl ether	6.404	45	27504	1.138	ug/l #	96
23) Vinyl Acetate	6.346	43	124031	5.748	ug/l #	95
24) 1,1-Dichloroethane	6.310	63	14773	1.189	ug/l #	89
25) 2-Butanone	7.263	43	40039	5.814	ug/l	92
26) 2,2-Dichloropropane	7.240	77	17639	1.569	ug/l	94
27) cis-1,2-Dichloroethene	7.251	96	11872	1.571	ug/l	81
28) Bromochloromethane	7.569	49	5759	1.303	ug/l #	99
29) Tetrahydrofuran	7.610	42	26647	5.854	ug/l	95
30) Chloroform	7.745	83	14643	1.181	ug/l	99
32) 1,1,1-Trichloroethane	7.940	97	12598	1.132	ug/l #	53
36) 1,1-Dichloropropene	8.151	75	10846	1.169	ug/l #	90
37) Ethyl Acetate	7.322	43	15656m	1.163	ug/l	
38) Carbon Tetrachloride	8.128	117	9765	1.019	ug/l #	76
39) Methylcyclohexane	9.398	83	12023	1.022	ug/l #	87
40) Benzene	8.387	78	34090	1.200	ug/l	91
41) Methacrylonitrile	7.545	41	6403m	0.959	ug/l	
42) 1,2-Dichloroethane	8.463	62	10985	1.011	ug/l	97
43) Isopropyl Acetate	8.492	43	26585	1.208	ug/l	98
44) Trichloroethene	9.151	130	6915	1.086	ug/l	89
45) 1,2-Dichloropropane	9.428	63	8419	1.116	ug/l #	83
46) Dibromomethane	9.516	93	6328	1.225	ug/l	88

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 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 13:01:47 2022
 Response via : Initial Calibration

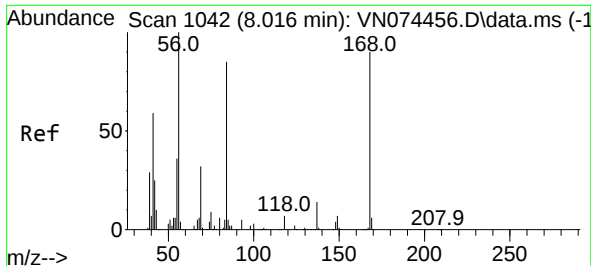
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	9.698	83	10881	1.057	ug/l	91
48) Methyl methacrylate	9.492	41	11464	1.182	ug/l	95
49) 1,4-Dioxane	9.504	88	4668	22.830	ug/l #	71
51) 4-Methyl-2-Pentanone	10.269	43	76000	5.279	ug/l	95
52) Toluene	10.445	92	17782	1.012	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	12312	1.084	ug/l #	79
54) cis-1,3-Dichloropropene	10.128	75	14266	1.178	ug/l #	93
55) 1,1,2-Trichloroethane	10.839	97	8974	1.239	ug/l	91
56) Ethyl methacrylate	10.704	69	12340	1.003	ug/l	88
57) 1,3-Dichloropropane	10.986	76	15205	1.201	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	31623	5.524	ug/l	99
59) 2-Hexanone	11.028	43	55718	5.015	ug/l	98
60) Dibromochloromethane	11.175	129	6910	0.942	ug/l	81
61) 1,2-Dibromoethane	11.286	107	7969	1.069	ug/l	100
64) Tetrachloroethene	10.916	164	5429	1.147	ug/l #	71
65) Chlorobenzene	11.710	112	19009	1.129	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	7527	1.144	ug/l #	57
67) Ethyl Benzene	11.780	91	33225	1.045	ug/l	100
68) m/p-Xylenes	11.898	106	25121	2.101	ug/l	92
69) o-Xylene	12.222	106	12953	1.078	ug/l	92
70) Styrene	12.233	104	19947	1.044	ug/l	96
71) Bromoform	12.398	173	5020	1.019	ug/l #	95
73) Isopropylbenzene	12.522	105	29108	1.166	ug/l	98
74) N-amyl acetate	12.327	43	21386	1.472	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.763	83	13366	1.425	ug/l	93
76) 1,2,3-Trichloropropane	12.810	75	6894m	1.015	ug/l	
77) Bromobenzene	12.792	156	6281	1.172	ug/l	95
78) n-propylbenzene	12.863	91	34112	1.193	ug/l	96
79) 2-Chlorotoluene	12.945	91	21393	1.227	ug/l	90
80) 1,3,5-Trimethylbenzene	12.998	105	21681	1.047	ug/l	85
82) 4-Chlorotoluene	13.045	91	19723	1.173	ug/l	94
83) tert-Butylbenzene	13.263	119	22999	1.234	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	24205	1.179	ug/l	94
85) sec-Butylbenzene	13.445	105	28418	1.120	ug/l	95
86) p-Isopropyltoluene	13.557	119	22215	1.094	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	10212	1.031	ug/l	90
88) 1,4-Dichlorobenzene	13.633	146	12128m	1.212	ug/l	
89) n-Butylbenzene	13.880	91	20444	1.183	ug/l	97
90) Hexachloroethane	14.151	117	5196	1.211	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	10641	1.021	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.545	75	2846	1.115	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	4589	0.884	ug/l	78
94) Hexachlorobutadiene	15.304	225	2370	1.007	ug/l	74
95) Naphthalene	15.439	128	17723	0.873	ug/l	98
96) 1,2,3-Trichlorobenzene	15.633	180	4939	0.919	ug/l	95

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

Manual Integrations

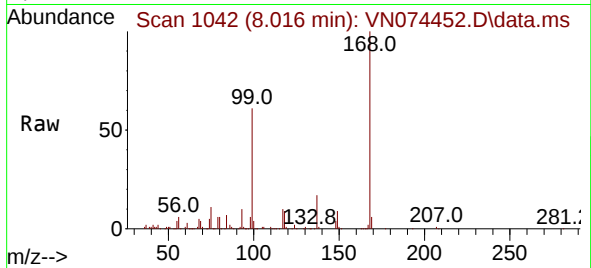
Quant Time: Sep 15 13:02:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 13:01:47 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

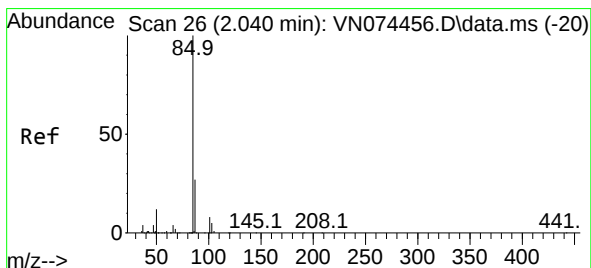
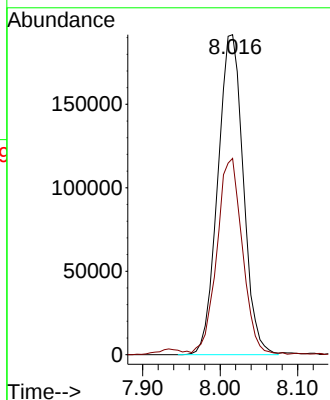
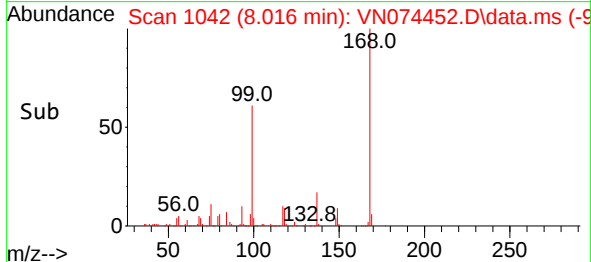
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 439180
Ion Ratio Lower Upper
168 100
99 60.9 52.8 79.2

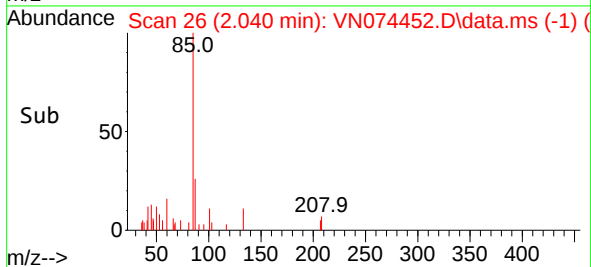
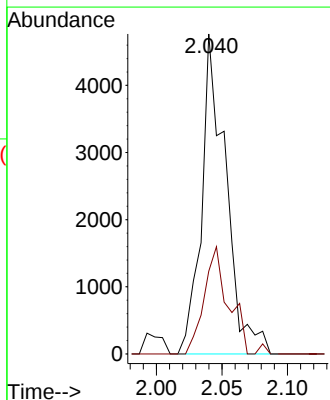
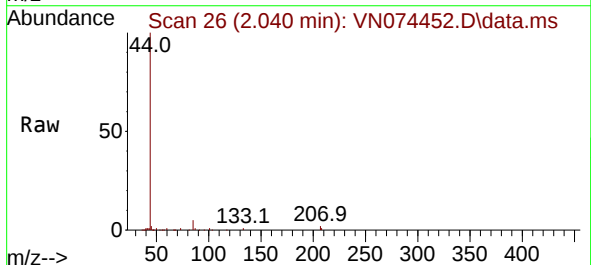
Manual Integrations
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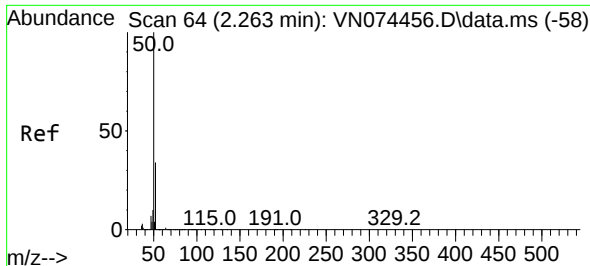
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#2
Dichlorodifluoromethane
Concen: 1.079 ug/l
RT: 2.040 min Scan# 26
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Tgt Ion: 85 Resp: 6142
Ion Ratio Lower Upper
85 100
87 25.9 16.4 49.2





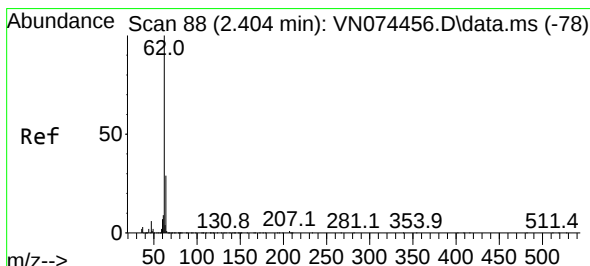
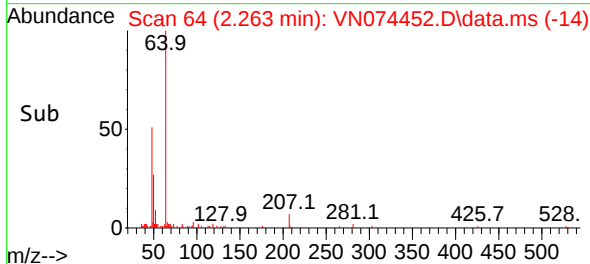
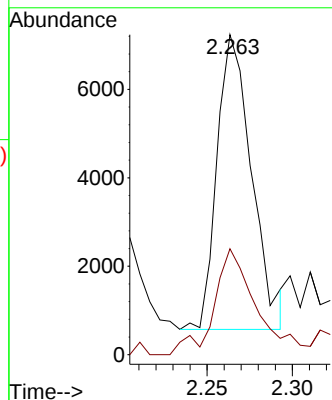
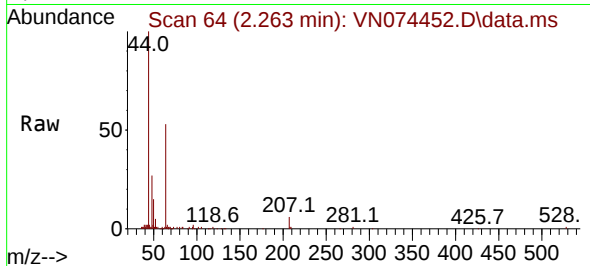
#3
Chloromethane
Concen: 1.174 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 943
Ion Ratio Lower Upper
50 100
52 31.7 24.1 36.1

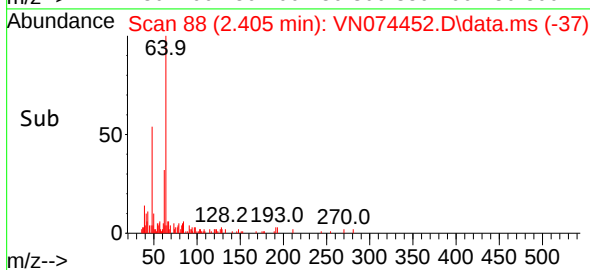
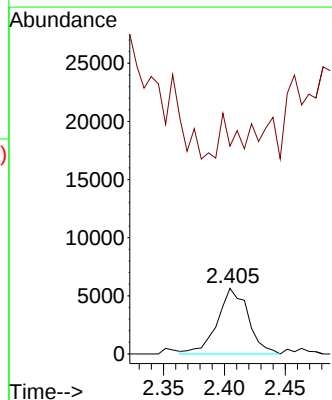
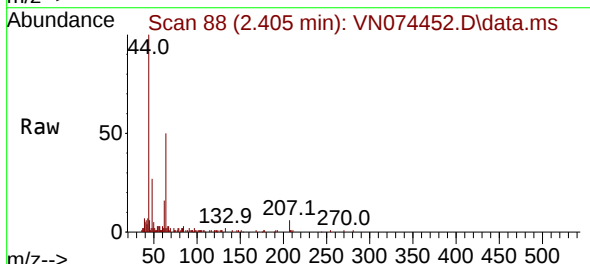
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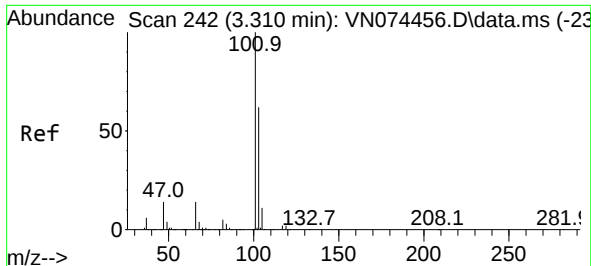
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#4
Vinyl Chloride
Concen: 1.046 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

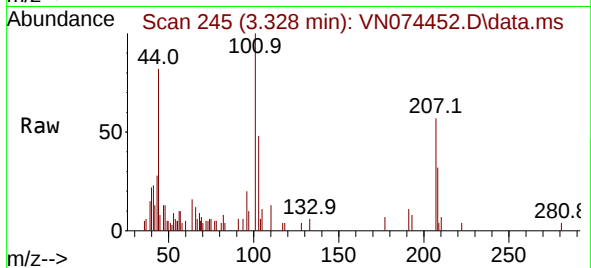
Tgt Ion: 62 Resp: 9944
Ion Ratio Lower Upper
62 100
64 19.6 23.5 35.3#





#7
 Trichlorofluoromethane
 Concen: 1.238 ug/l
 RT: 3.328 min Scan# 242
 Delta R.T. 0.024 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59

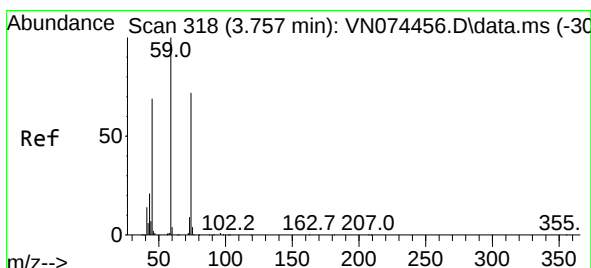
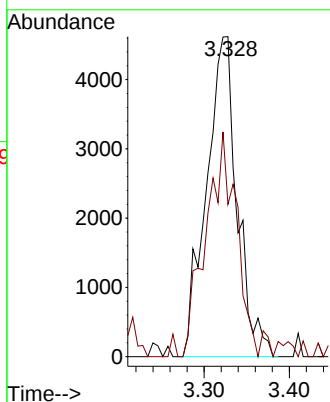
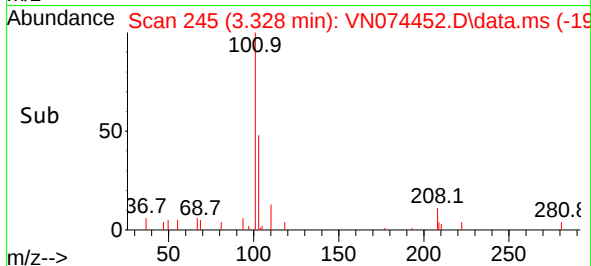
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion:101 Resp: 1162
 Ion Ratio Lower Upper
 101 100
 103 47.6 50.8 76.2

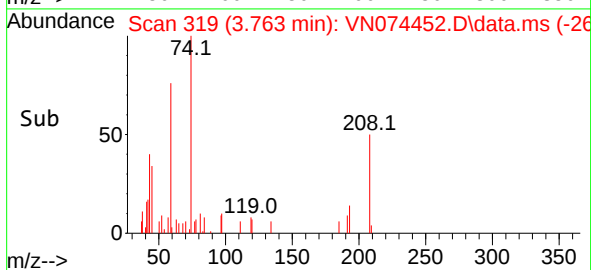
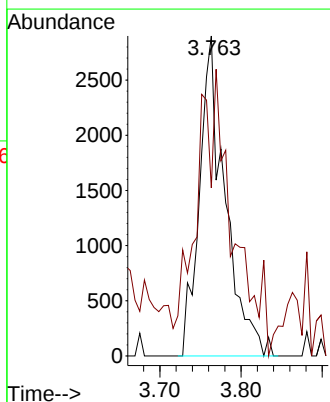
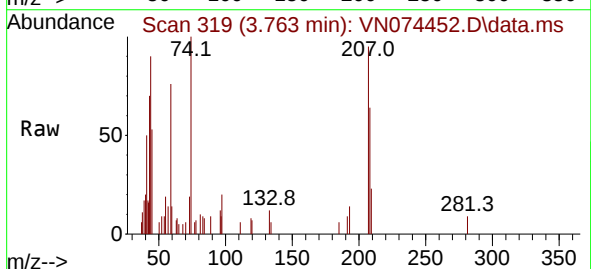
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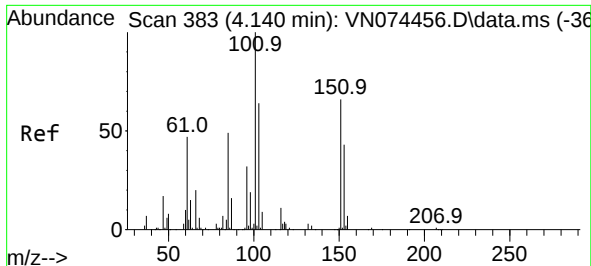
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#8
 Diethyl Ether
 Concen: 1.601 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59

Tgt Ion: 74 Resp: 6341
 Ion Ratio Lower Upper
 74 100
 45 46.7 52.4 157.3





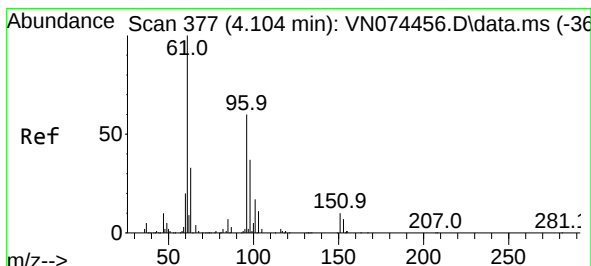
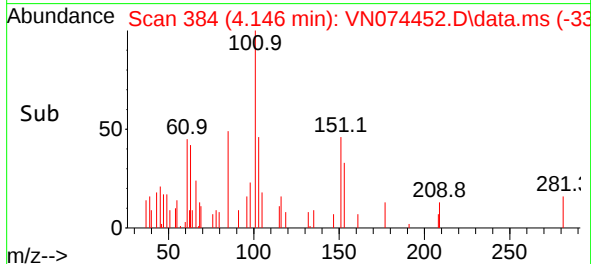
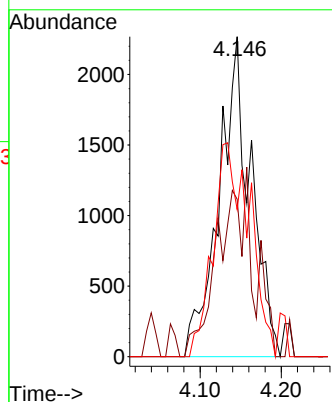
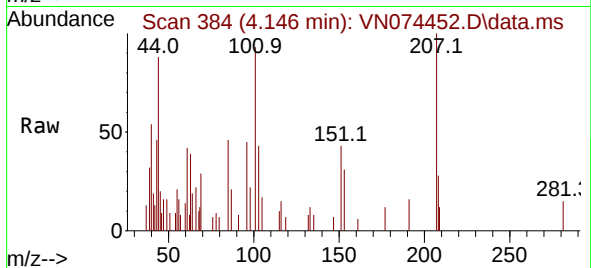
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.102 ug/l
RT: 4.146 min Scan# 383
Delta R.T. 0.012 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 620
Ion Ratio Lower Upper
101 100
85 54.0 39.5 59.3
151 0.0 57.8 86.6

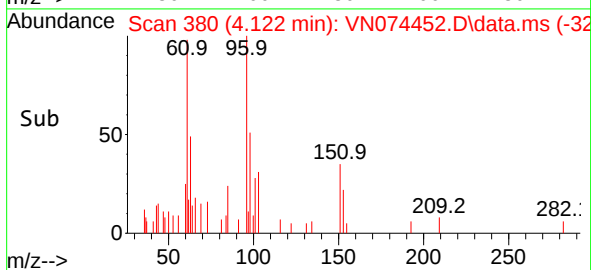
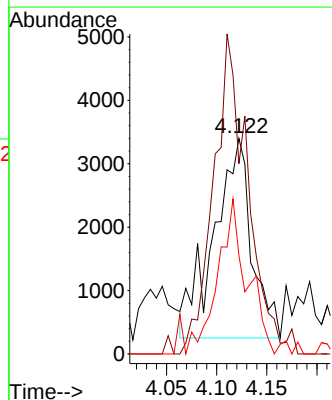
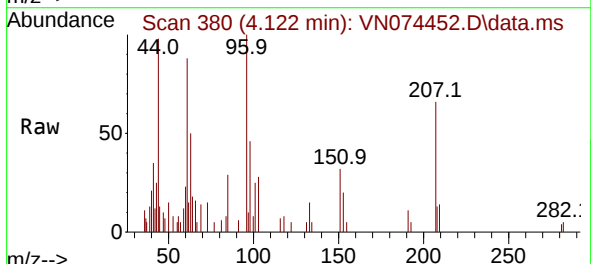
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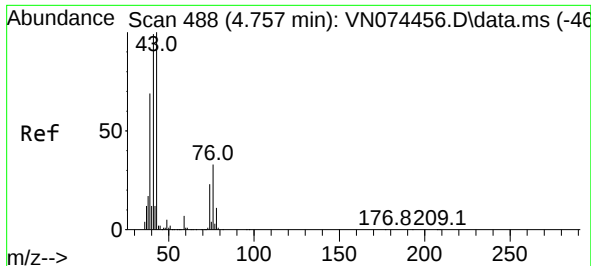
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#12
1,1-Dichloroethene
Concen: 1.504 ug/l
RT: 4.122 min Scan# 380
Delta R.T. 0.018 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

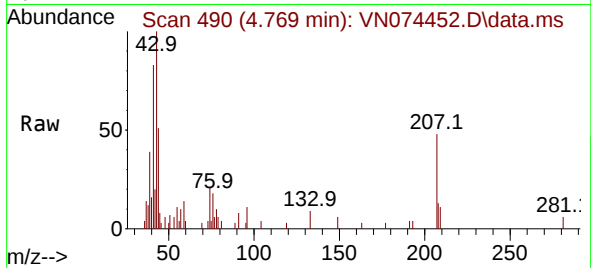
Tgt Ion: 96 Resp: 8233
Ion Ratio Lower Upper
96 100
61 95.4 134.7 202.1#
98 44.5 50.2 75.4#





#14
 Allyl chloride
 Concen: 1.048 ug/l
 RT: 4.769 min Scan# 490
 Delta R.T. 0.012 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59

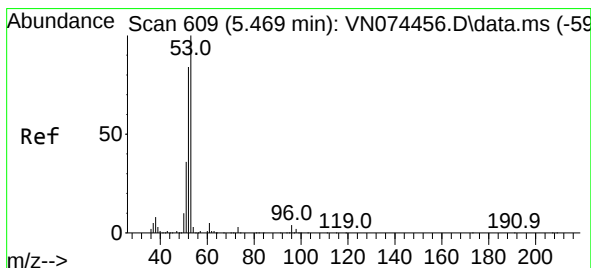
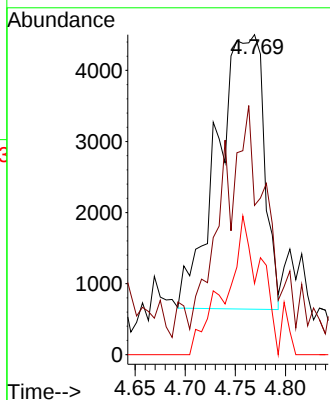
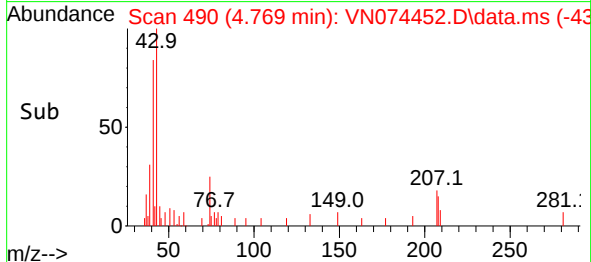
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 1258
 Ion Ratio Lower Upper
 41 100
 39 53.9 58.5 87.7
 76 37.9 24.2 36.4

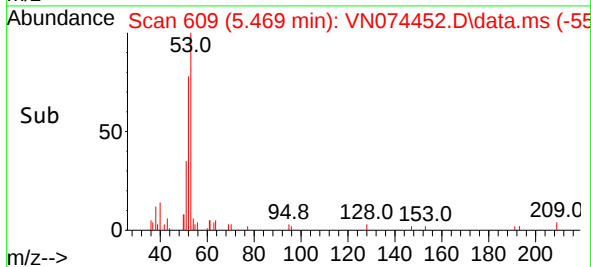
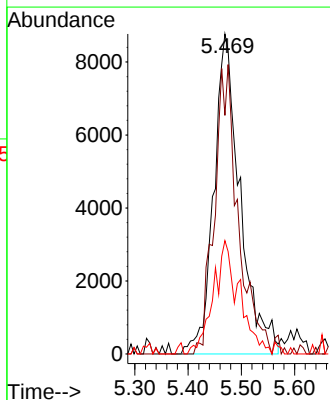
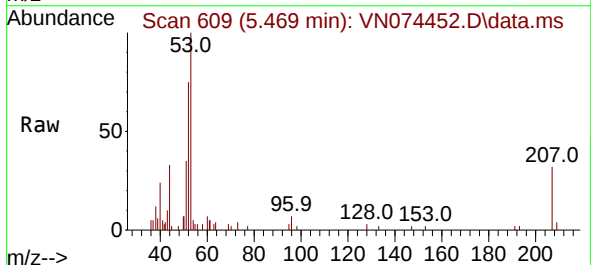
Manual Integrations
 APPROVED

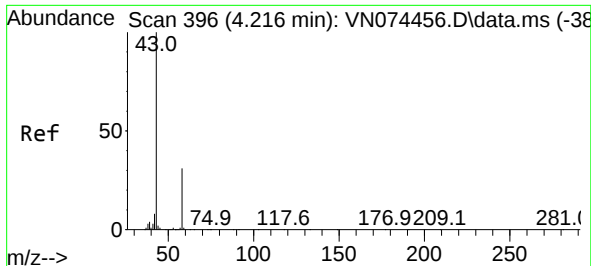
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#15
 Acrylonitrile
 Concen: 6.619 ug/l
 RT: 5.469 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59

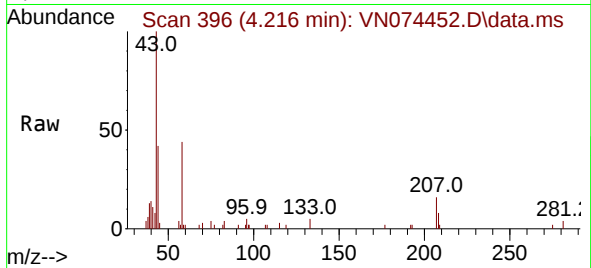
Tgt Ion: 53 Resp: 30098
 Ion Ratio Lower Upper
 53 100
 52 81.0 65.9 98.9
 51 24.8 29.4 44.2





#16
Acetone
Concen: 6.881 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

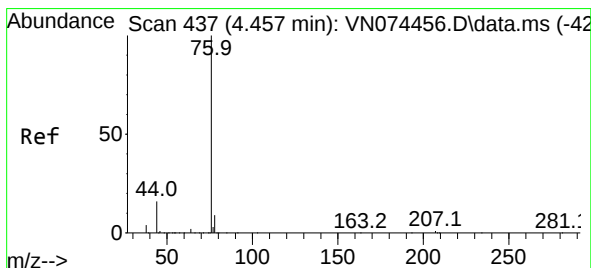
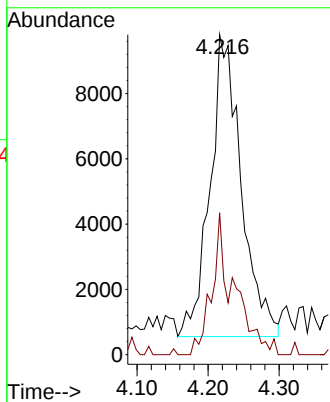
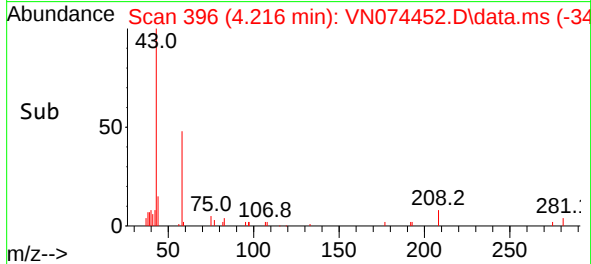
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001



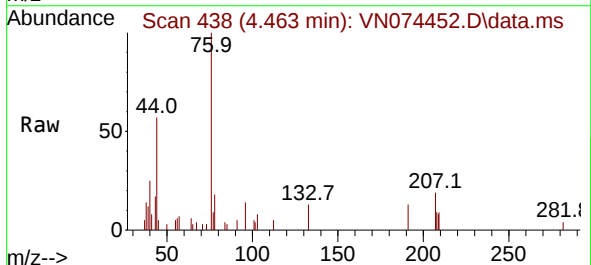
Tgt Ion: 43 Resp: 28228
Ion Ratio Lower Upper
43 100
58 47.0 22.7 34.1

Manual Integrations
APPROVED

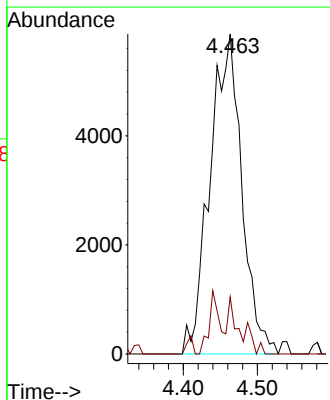
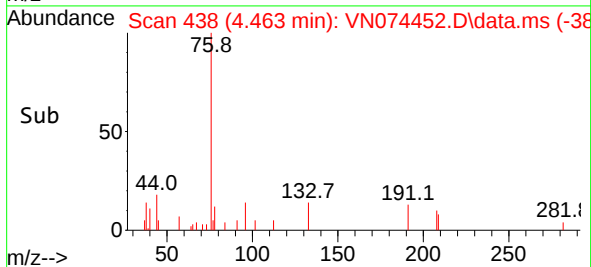
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

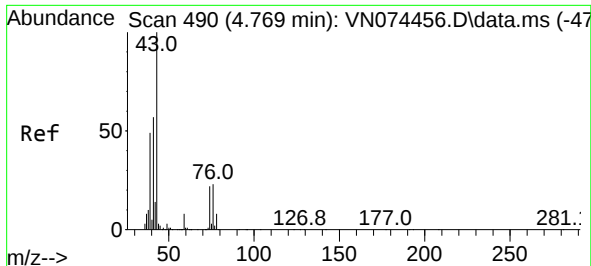


#17
Carbon Disulfide
Concen: 1.176 ug/l
RT: 4.463 min Scan# 438
Delta R.T. 0.012 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



Tgt Ion: 76 Resp: 17492
Ion Ratio Lower Upper
76 100
78 17.8 6.5 9.7





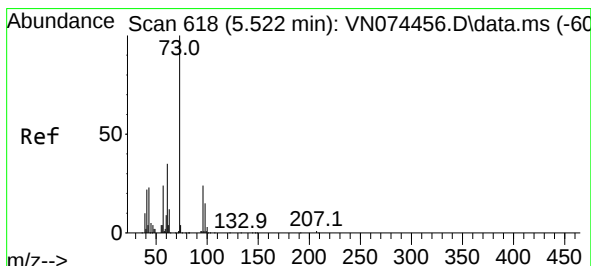
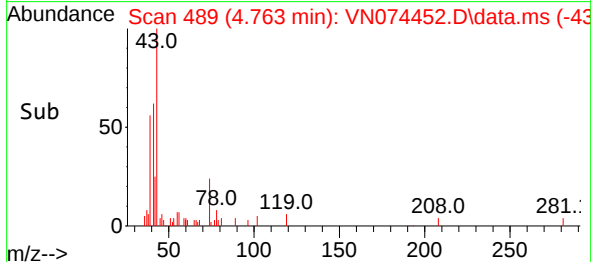
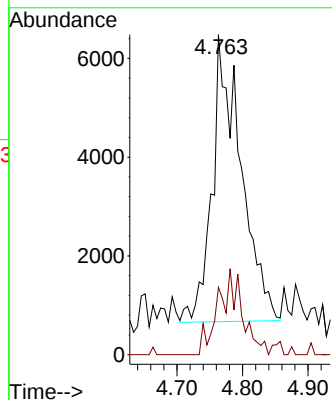
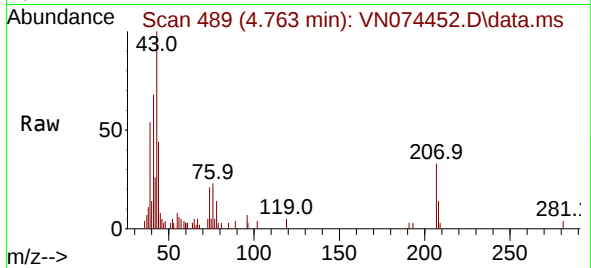
#18
Methyl Acetate
Concen: 1.464 ug/l
RT: 4.763 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001

Tgt Ion: 43 Resp: 17700
Ion Ratio Lower Upper
43 100
74 10.5 16.7 25.1

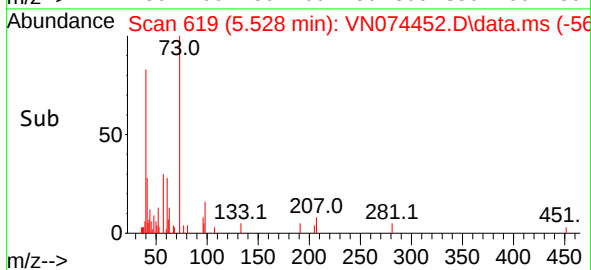
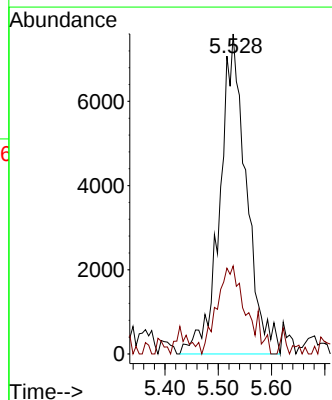
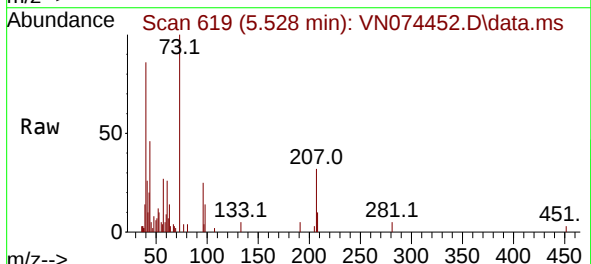
Manual Integrations
APPROVED

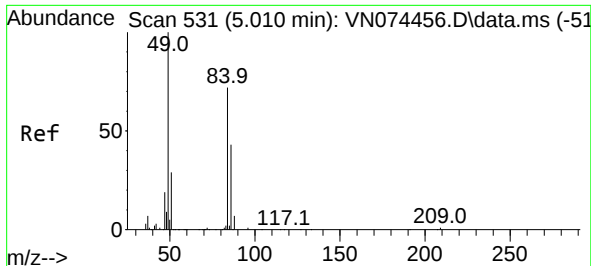
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#19
Methyl tert-butyl Ether
Concen: 1.193 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Tgt Ion: 73 Resp: 26280
Ion Ratio Lower Upper
73 100
57 23.8 17.7 26.5





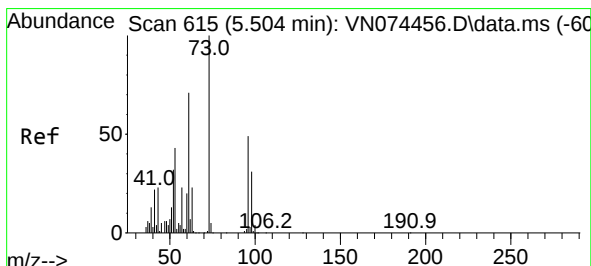
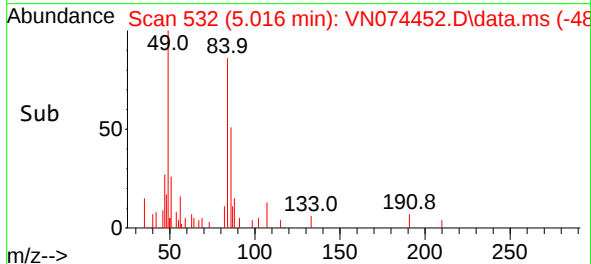
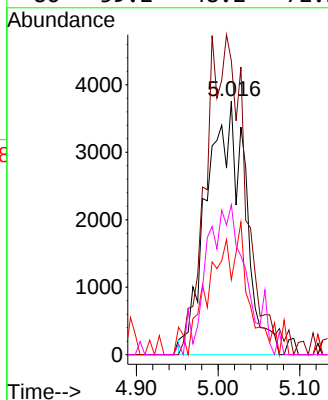
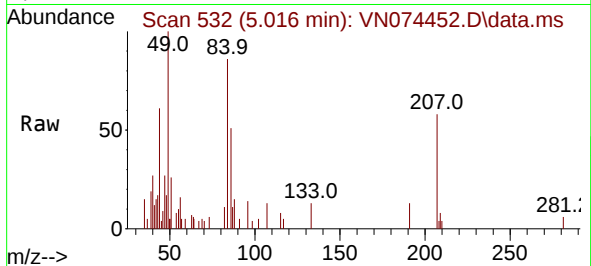
#20
Methylene Chloride
Concen: 1.744 ug/l m
RT: 5.016 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 84 Resp: 1235
Ion Ratio Lower Upper
84 100
49 115.9 108.2 162.4
51 29.6 34.3 51.5
86 59.2 48.2 72.2

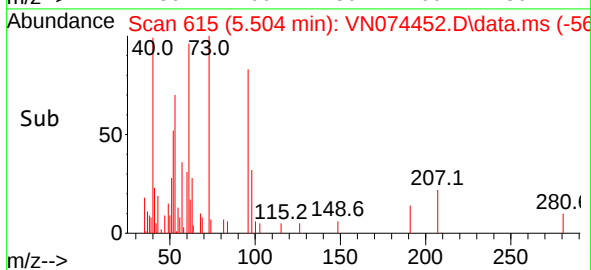
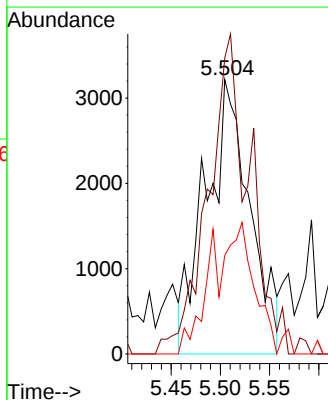
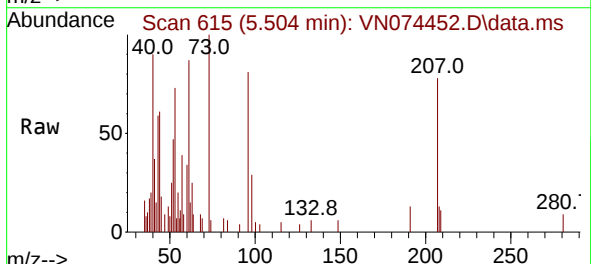
Manual Integrations
APPROVED

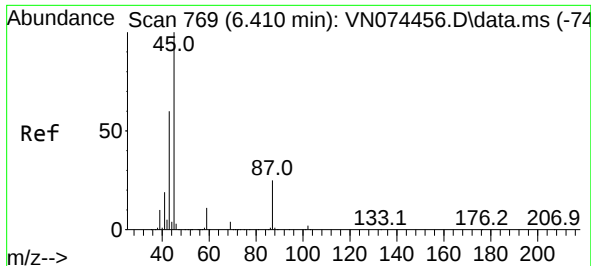
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#21
trans-1,2-Dichloroethene
Concen: 1.645 ug/l m
RT: 5.504 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Tgt Ion: 96 Resp: 10092
Ion Ratio Lower Upper
96 100
61 107.8 115.3 172.9#
98 35.9 53.4 80.0#





#22

Diisopropyl ether

Concen: 1.138 ug/l

RT: 6.404 min Scan# 768

Delta R.T. -0.006 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

Client Sample Id :

VSTDIC001

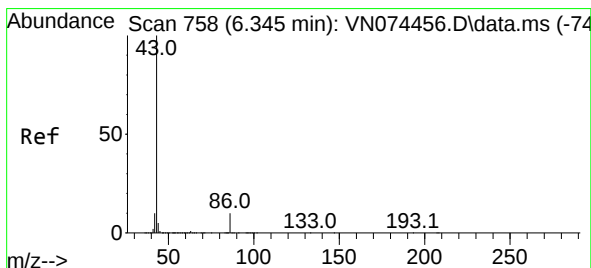
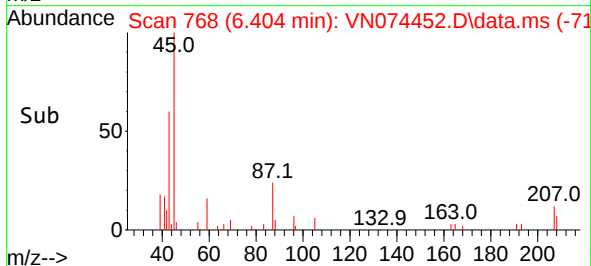
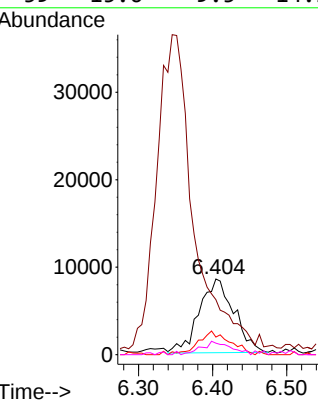
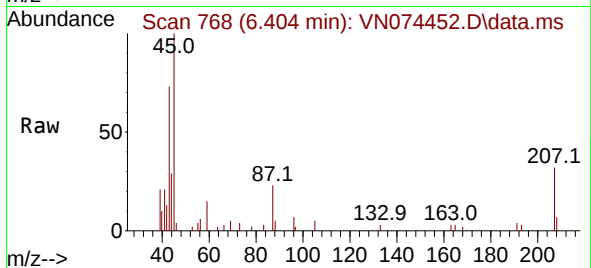
Tgt Ion:	45	Resp:	27504
Ion Ratio	Lower	Upper	
45	100		
43	63.2	49.4	74.0
87	24.0	21.3	31.9
59	15.6	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#23

Vinyl Acetate

Concen: 5.748 ug/l

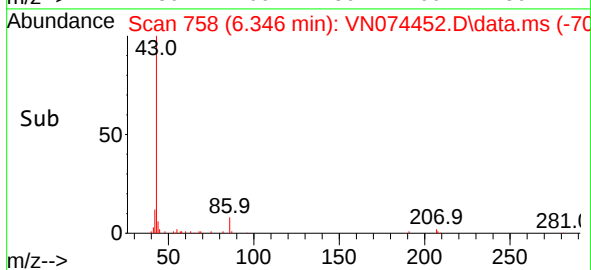
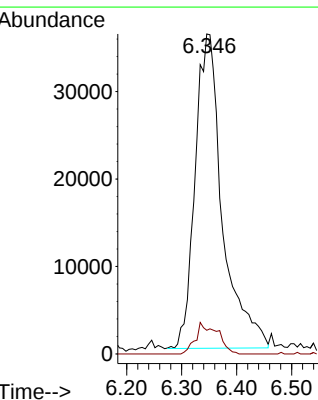
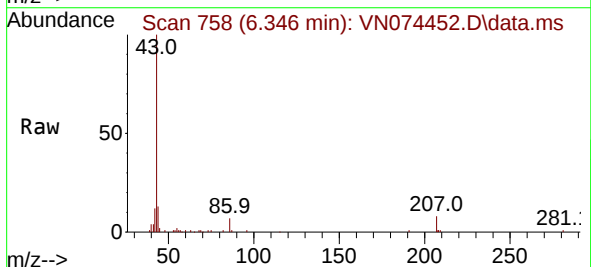
RT: 6.346 min Scan# 758

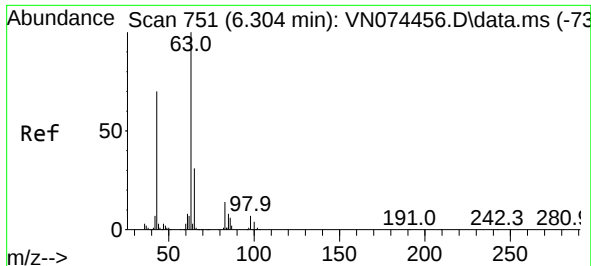
Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Tgt Ion:	43	Resp:	124031
Ion Ratio	Lower	Upper	
43	100		
86	7.6	7.6	11.4





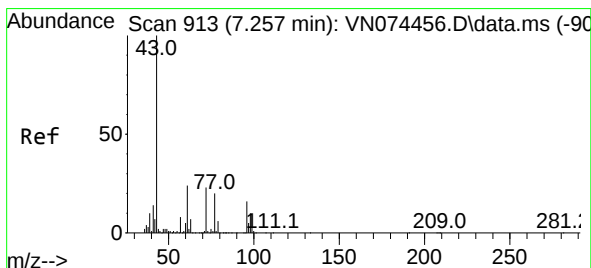
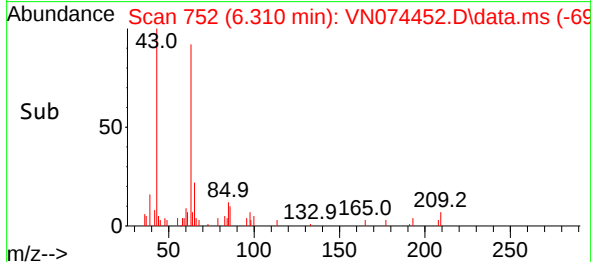
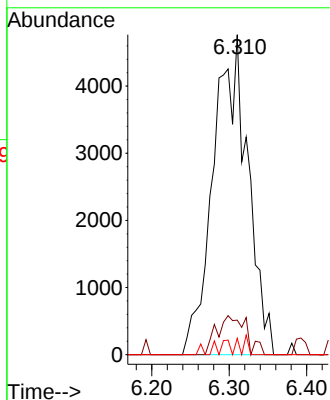
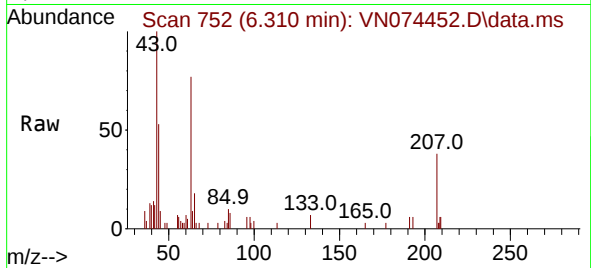
#24
1,1-Dichloroethane
Concen: 1.189 ug/l
RT: 6.310 min Scan# 752
Delta R.T. 0.012 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 1477
Ion Ratio Lower Upper
63 100
98 10.8 2.9 8.6
100 5.1 2.0 5.8

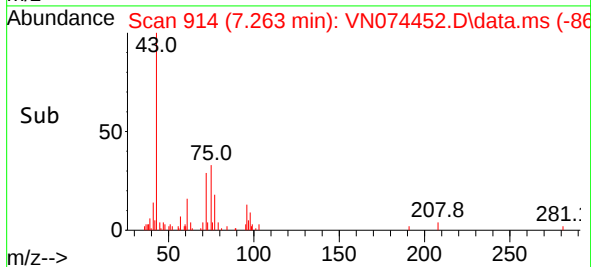
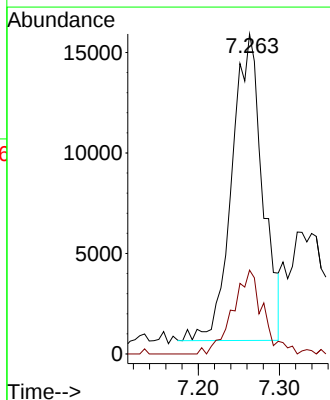
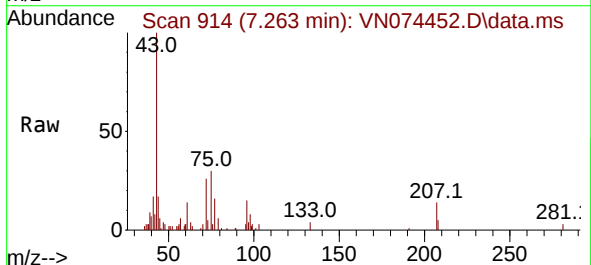
Manual Integrations
APPROVED

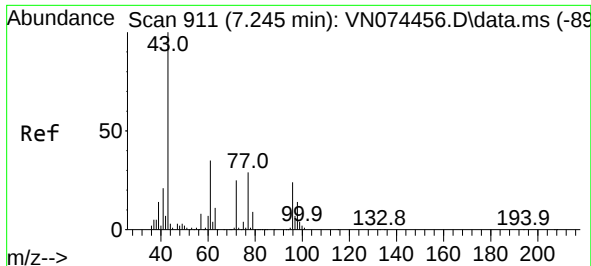
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#25
2-Butanone
Concen: 5.814 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Tgt Ion: 43 Resp: 40039
Ion Ratio Lower Upper
43 100
72 27.4 18.9 28.3





#26

2,2-Dichloropropane

Concen: 1.569 ug/l

RT: 7.240 min Scan# 910

Delta R.T. -0.006 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 77 Resp: 17639

Ion Ratio Lower Upper

77 100

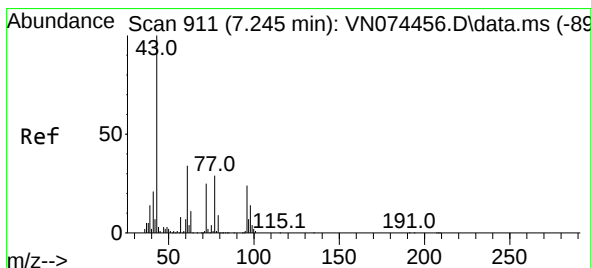
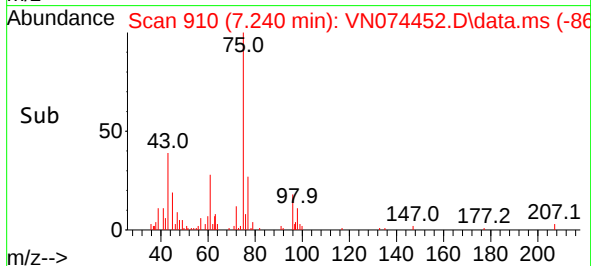
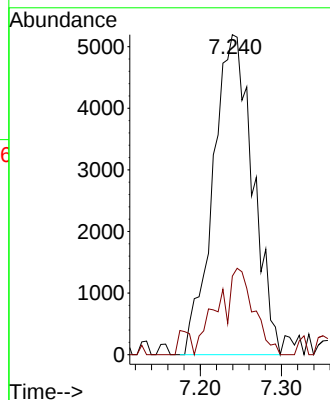
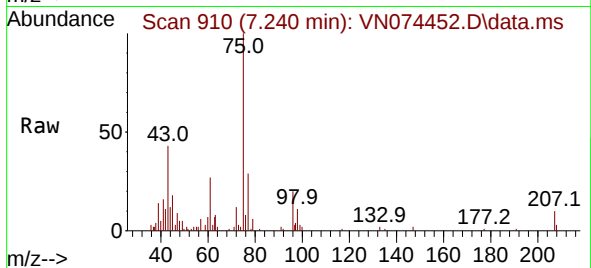
97 24.1 10.7 32.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#27

cis-1,2-Dichloroethene

Concen: 1.571 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.006 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

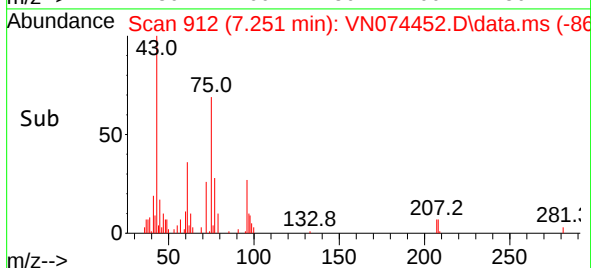
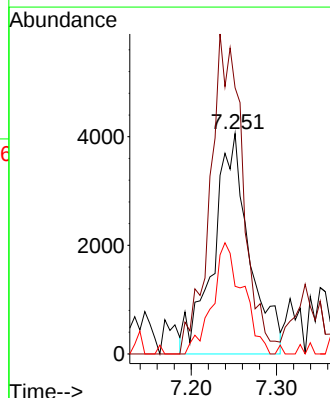
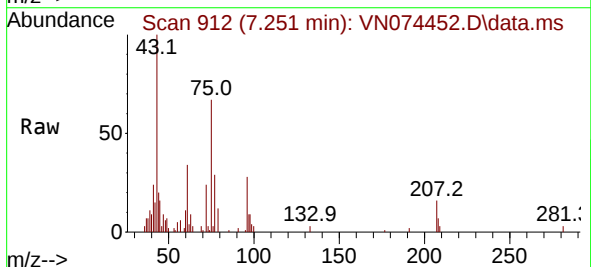
Tgt Ion: 96 Resp: 11872

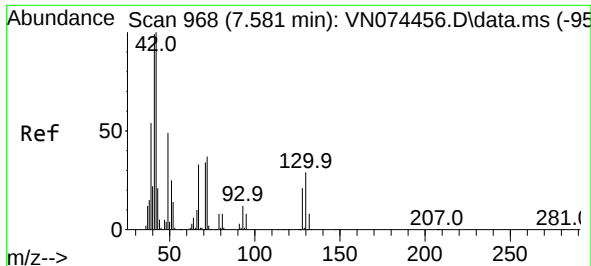
Ion Ratio Lower Upper

96 100

61 132.8 0.0 306.2

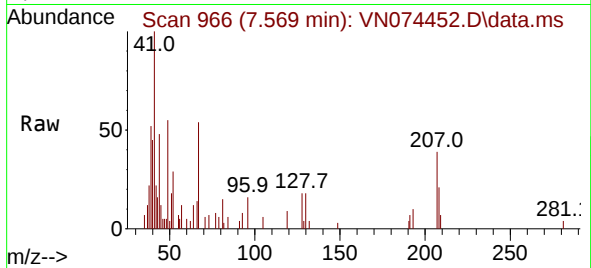
98 42.9 0.0 129.8





#28
Bromochloromethane
Concen: 1.303 ug/l
RT: 7.569 min Scan# 90
Delta R.T. -0.012 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

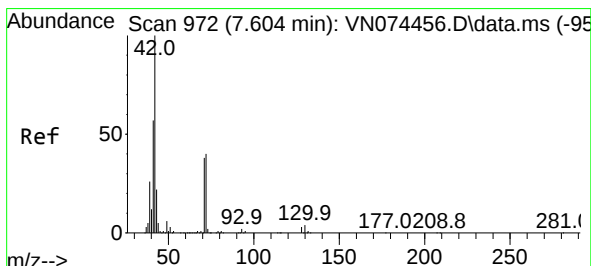
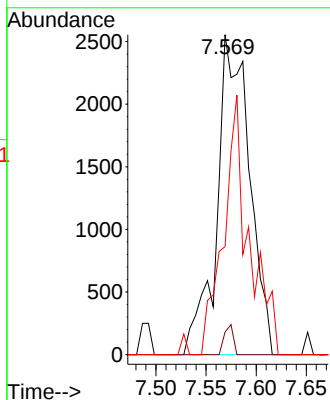
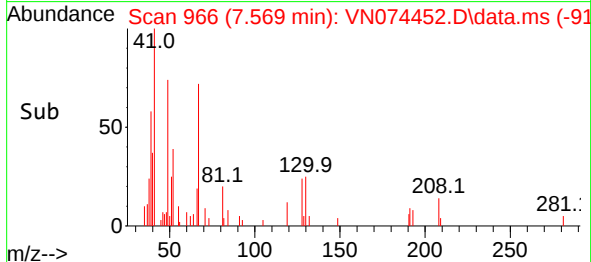
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



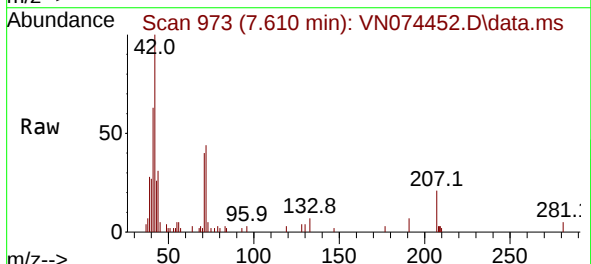
Tgt Ion: 49 Resp: 575
Ion Ratio Lower Upper
49 100
129 2.6 0.0 2.2
130 63.1 50.0 75.0

Manual Integrations
APPROVED

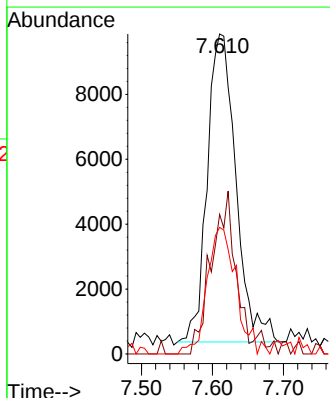
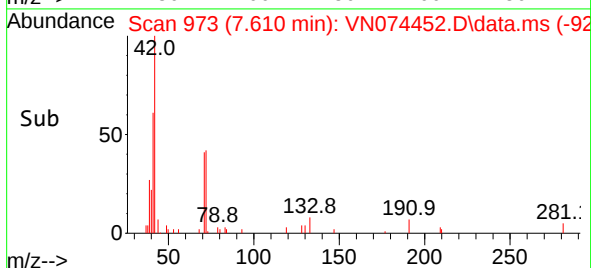
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

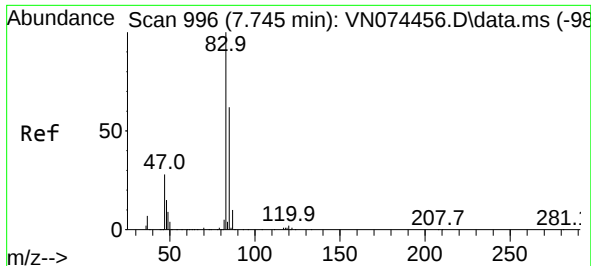


#29
Tetrahydrofuran
Concen: 5.854 ug/l
RT: 7.610 min Scan# 973
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



Tgt Ion: 42 Resp: 26647
Ion Ratio Lower Upper
42 100
72 44.6 32.7 49.1
71 41.9 31.0 46.6





#30

Chloroform

Concen: 1.181 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 1464

Ion Ratio Lower Upper

83 100

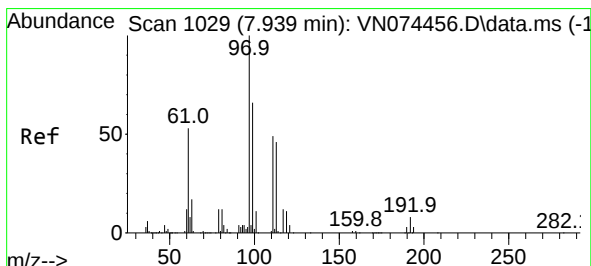
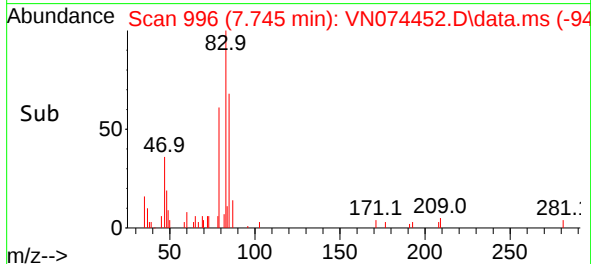
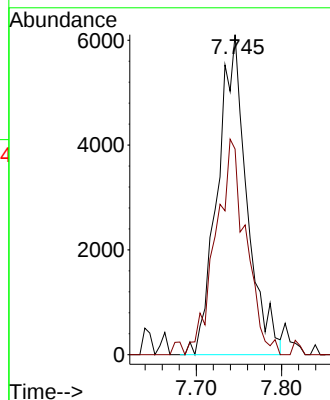
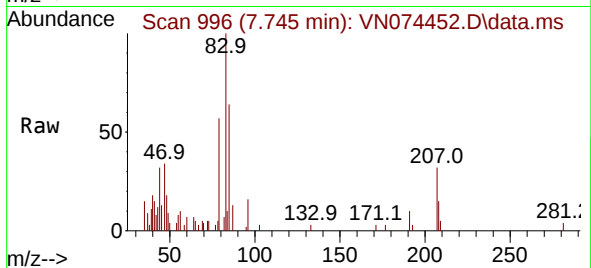
85 64.3 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#32

1,1,1-Trichloroethane

Concen: 1.132 ug/l

RT: 7.940 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

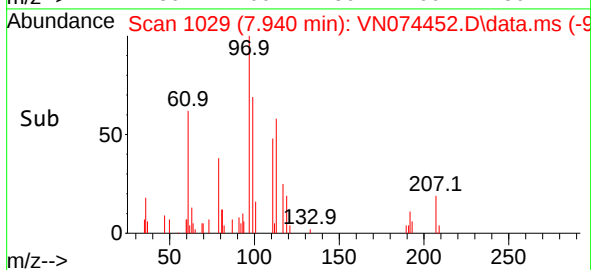
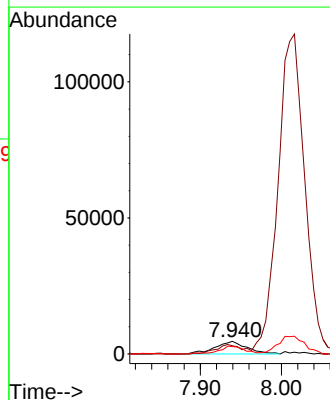
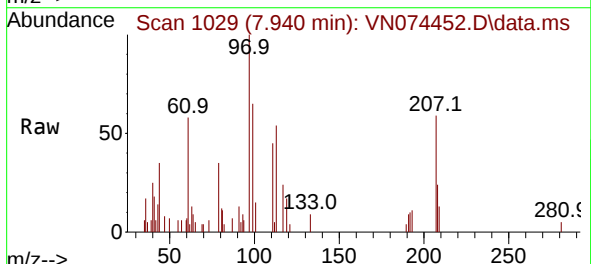
Tgt Ion: 97 Resp: 12598

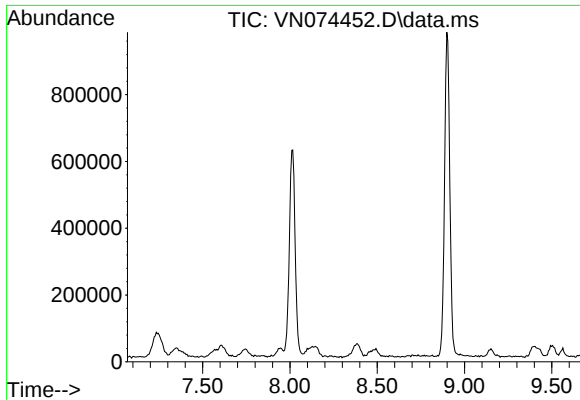
Ion Ratio Lower Upper

97 100

99 0.0 50.2 75.2

61 50.4 38.7 58.1





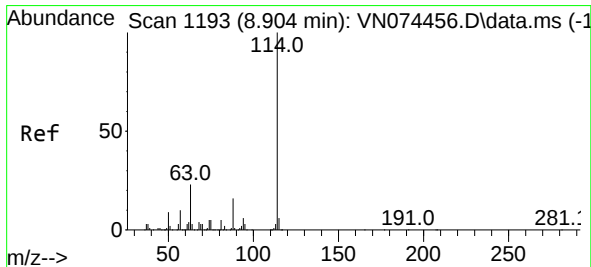
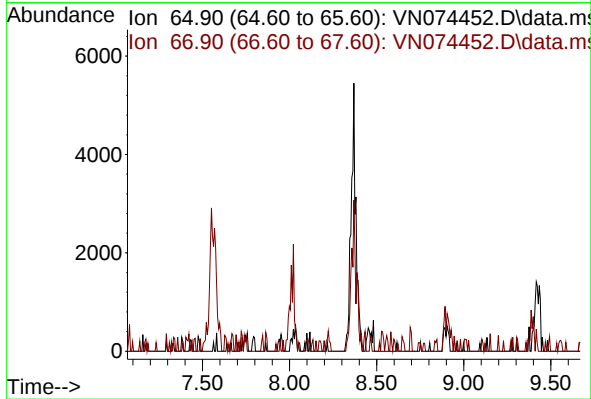
#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.37 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 51.2

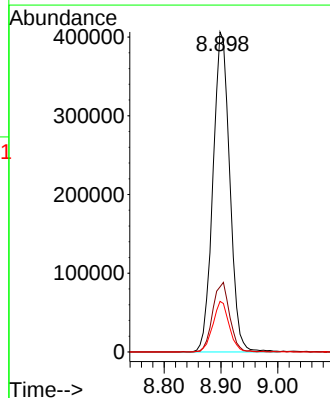
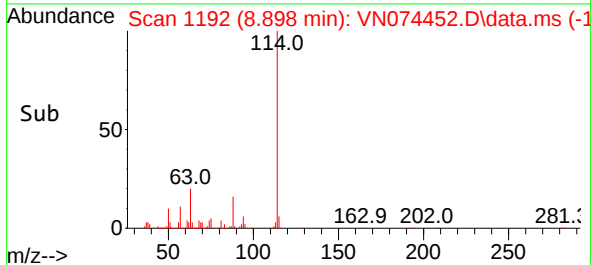
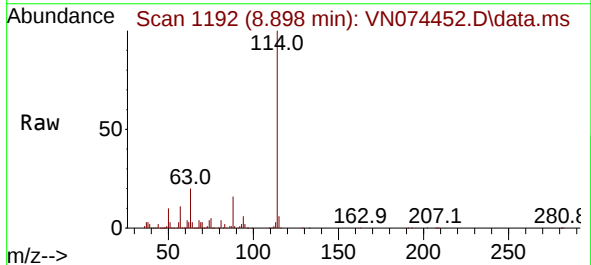
Manual Integrations
 APPROVED

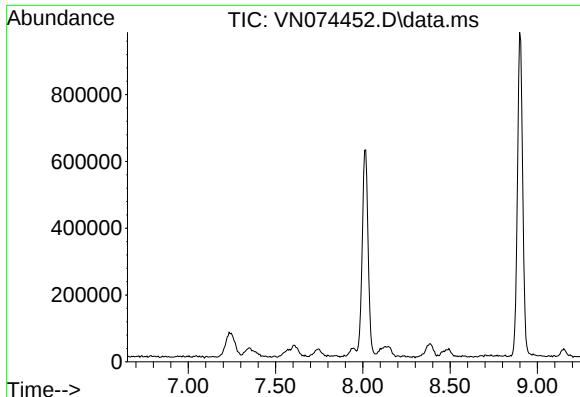
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.898 min Scan# 1192
 Delta R.T. -0.006 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59

Tgt Ion:114 Resp: 834431
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 47.6
 88 15.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.95 min

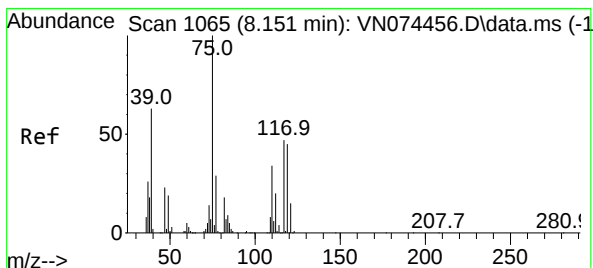
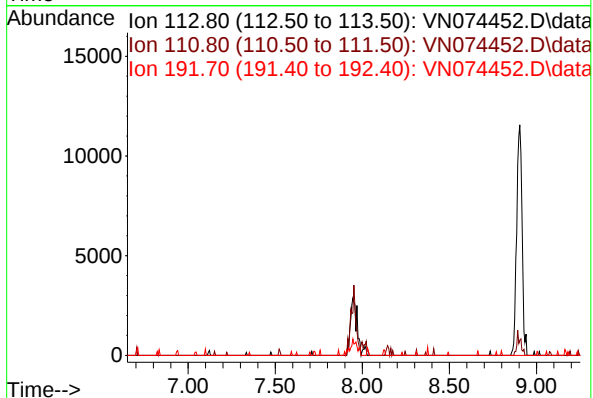
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.7
192 17.1

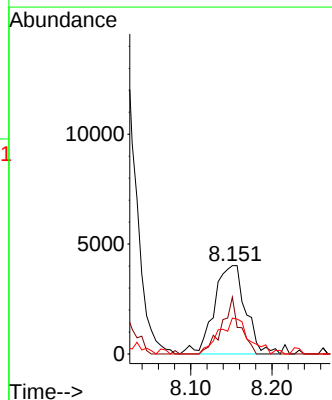
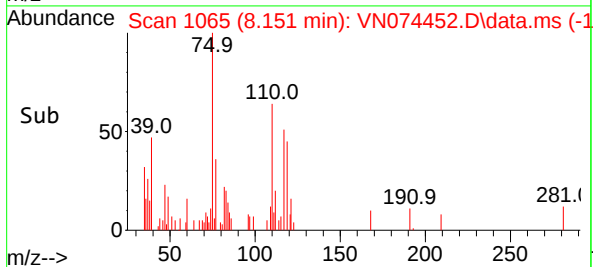
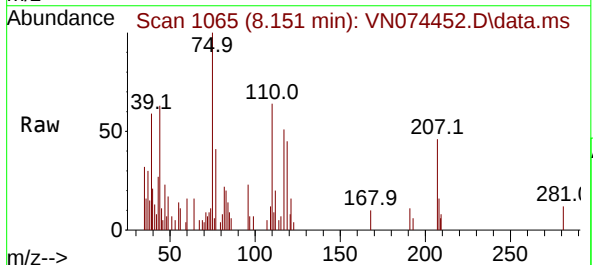
Manual Integrations
APPROVED

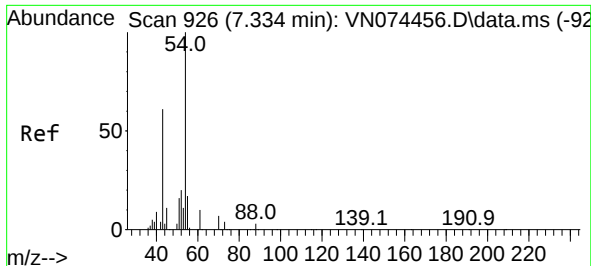
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#36
1,1-Dichloropropene
Concen: 1.169 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Tgt Ion: 75 Resp: 10846
Ion Ratio Lower Upper
75 100
110 36.7 16.4 49.1
77 38.7 25.4 38.2#





#37

Ethyl Acetate

Concen: 1.163 ug/l m

RT: 7.322 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 1565

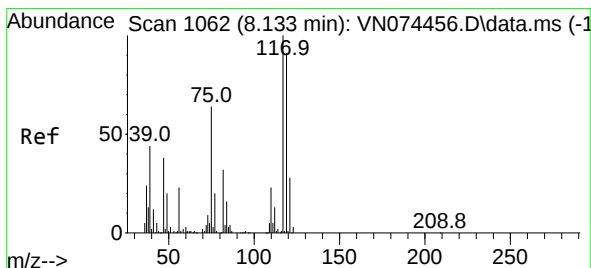
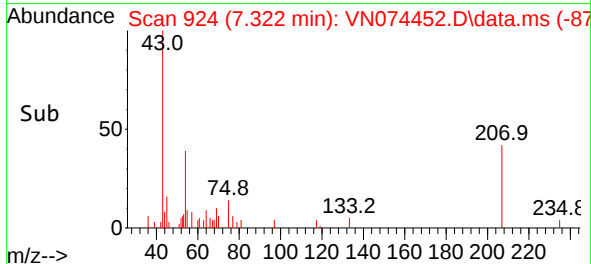
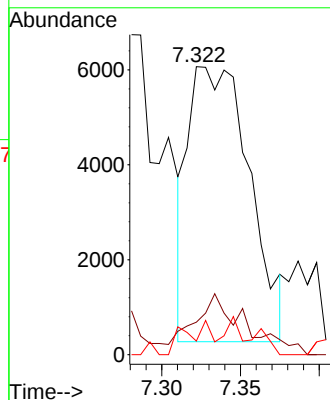
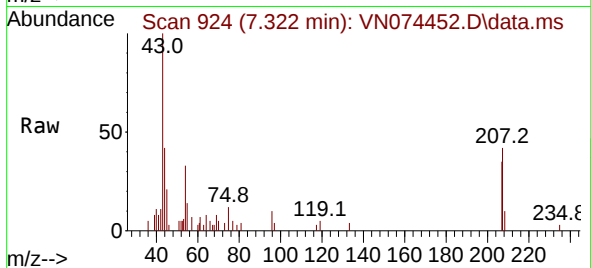
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7
70	3.0	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#38

Carbon Tetrachloride

Concen: 1.019 ug/l

RT: 8.128 min Scan# 1061

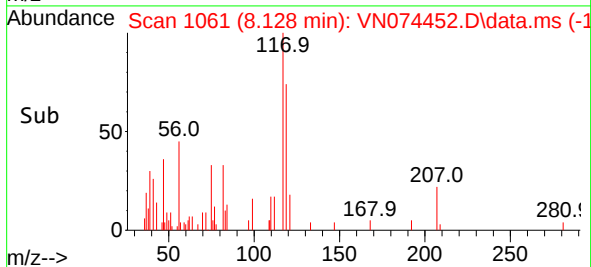
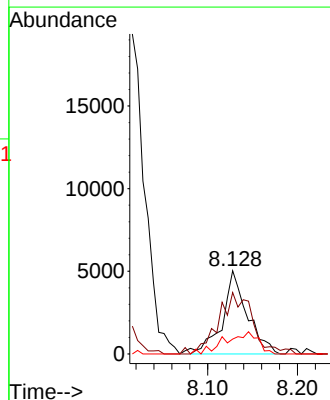
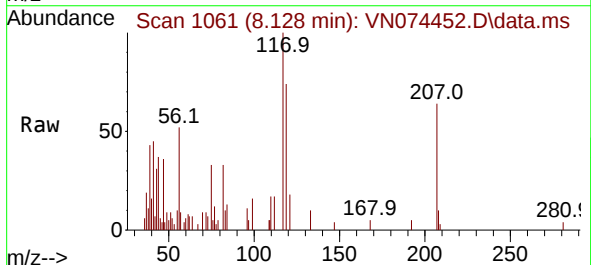
Delta R.T. -0.006 min

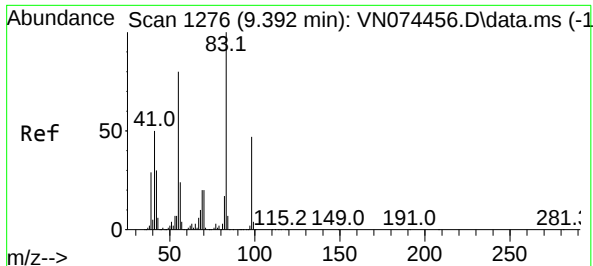
Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Tgt Ion:117 Resp: 9765

Ion	Ratio	Lower	Upper
117	100		
119	74.0	78.8	118.2#
121	18.0	24.1	36.1#





#39

Methylcyclohexane

Concen: 1.022 ug/l

RT: 9.398 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

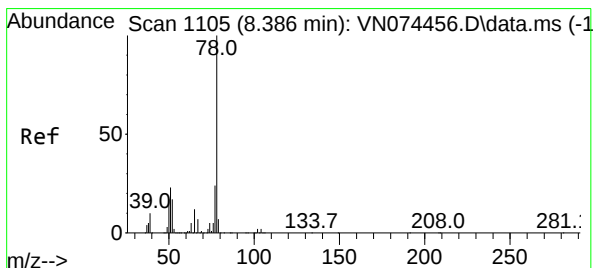
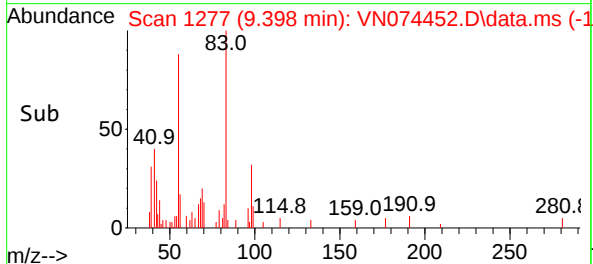
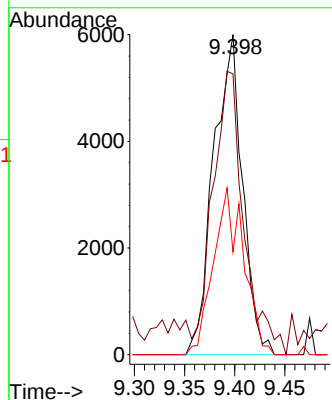
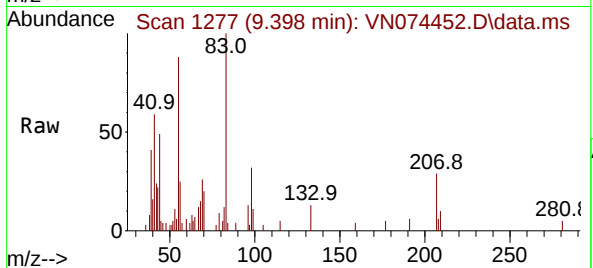
Tgt Ion: 83	Resp: 1202
Ion Ratio	Lower Upper
83	100
55	81.4 61.2 91.8
98	32.1 38.5 57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 1.200 ug/l

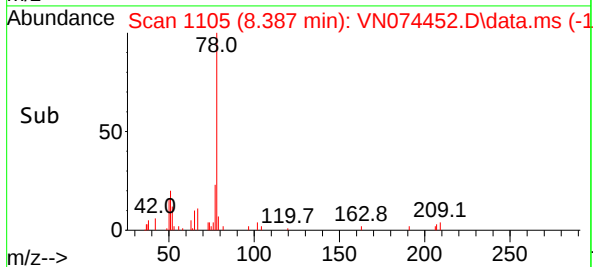
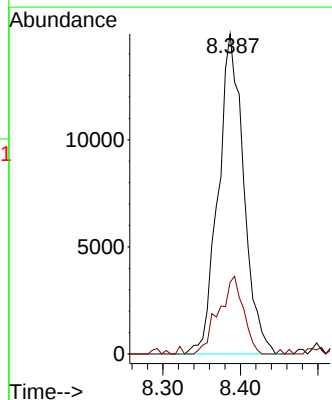
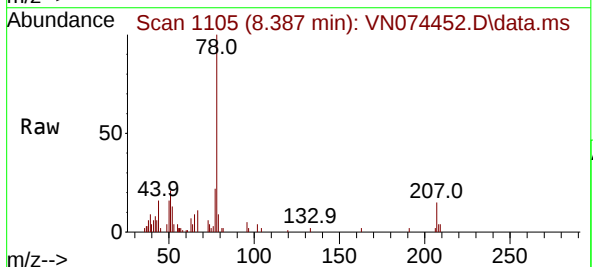
RT: 8.387 min Scan# 1105

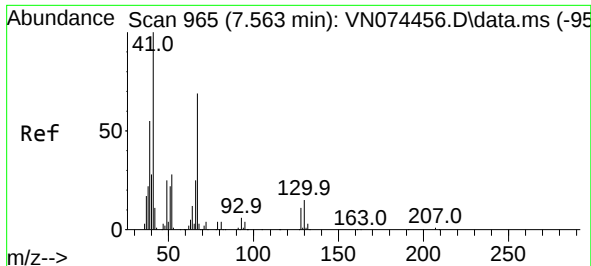
Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Tgt Ion: 78	Resp: 34090
Ion Ratio	Lower Upper
78	100
77	21.1 20.6 31.0





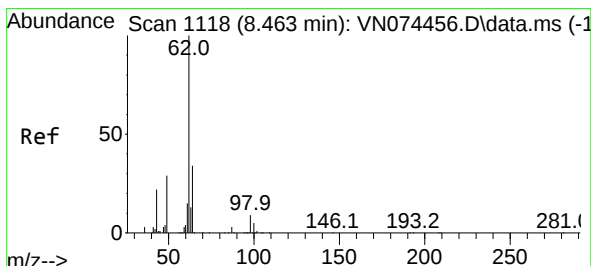
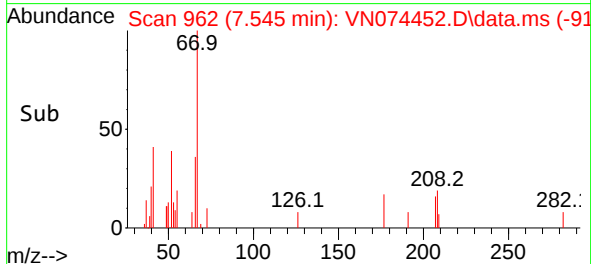
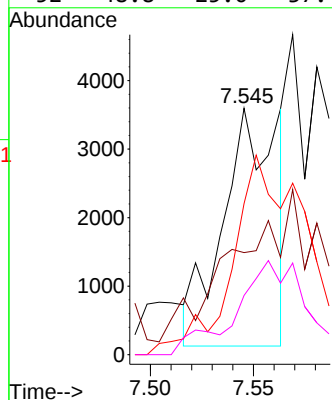
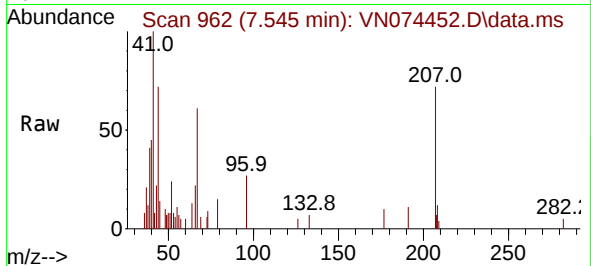
#41
Methacrylonitrile
Concen: 0.959 ug/l m
RT: 7.545 min Scan# 962
Delta R.T. -0.017 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 640
Ion Ratio Lower Upper
41 100
39 56.1 39.2 58.8
67 115.4 53.6 80.4
52 48.8 25.0 37.4

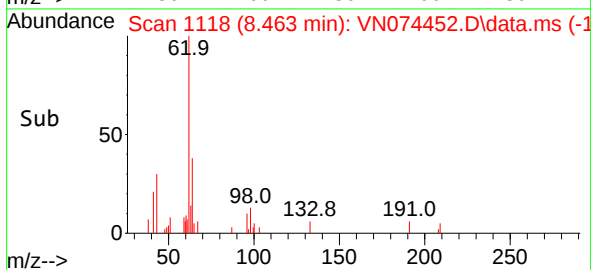
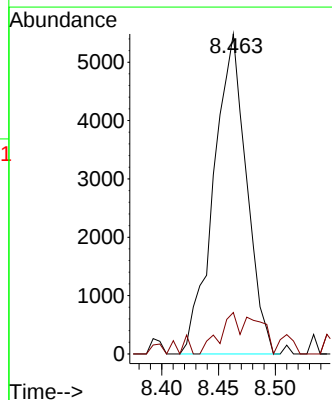
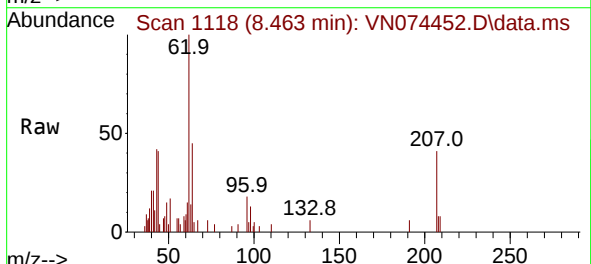
Manual Integrations
APPROVED

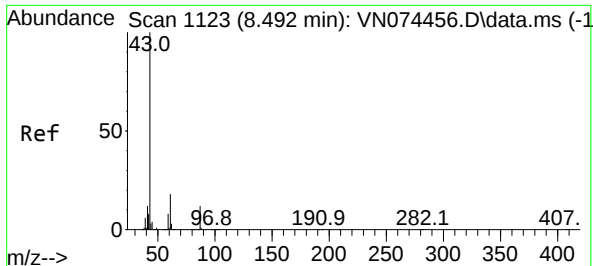
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#42
1,2-Dichloroethane
Concen: 1.011 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

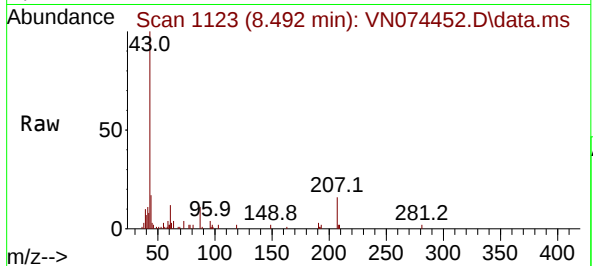
Tgt Ion: 62 Resp: 10985
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 1.208 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

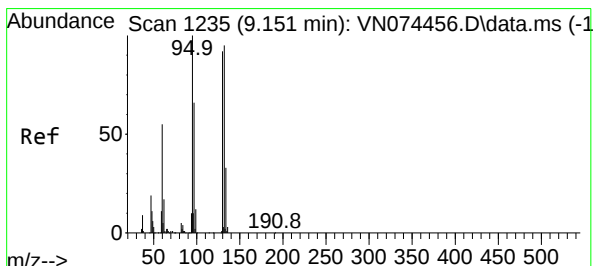
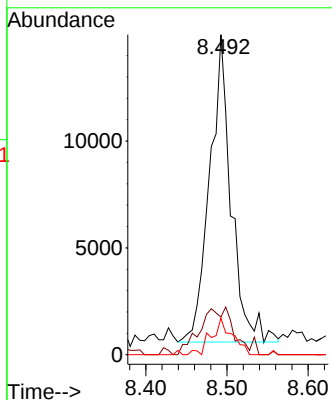
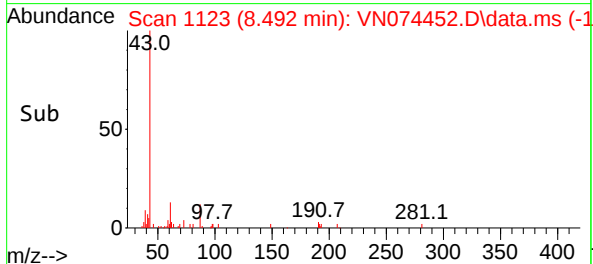
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 2658
Ion Ratio Lower Upper
43 100
61 24.6 18.6 27.8
87 11.4 9.4 14.2

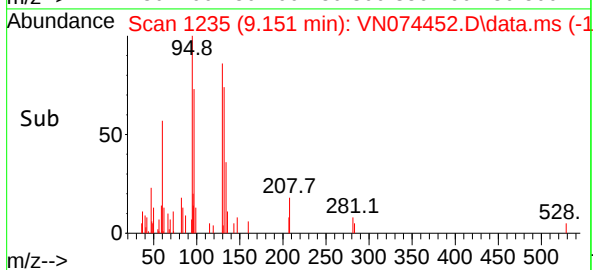
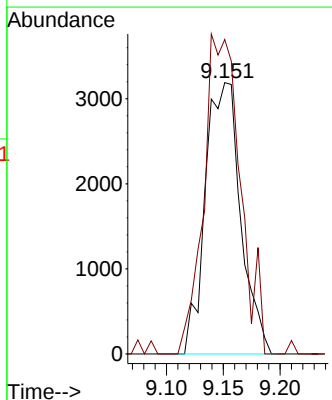
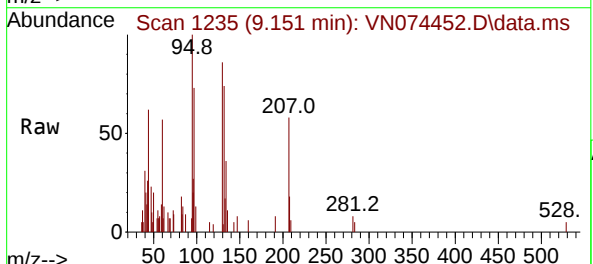
Manual Integrations
APPROVED

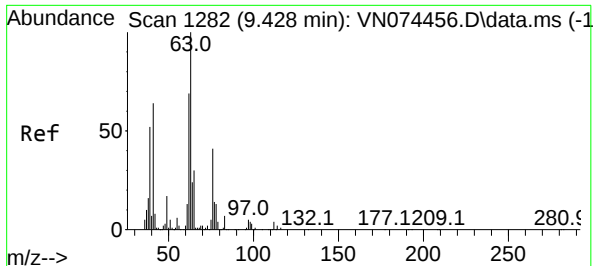
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#44
Trichloroethene
Concen: 1.086 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Tgt Ion:130 Resp: 6915
Ion Ratio Lower Upper
130 100
95 115.8 0.0 210.0





#45

1,2-Dichloropropane

Concen: 1.116 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 63 Resp: 8419

Ion Ratio Lower Upper

63 100

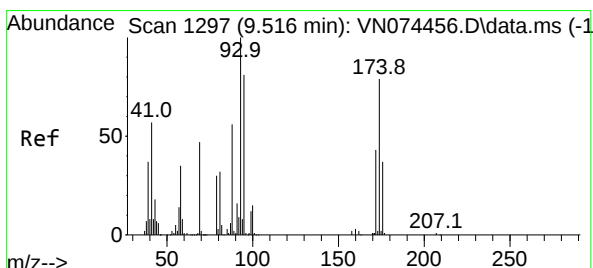
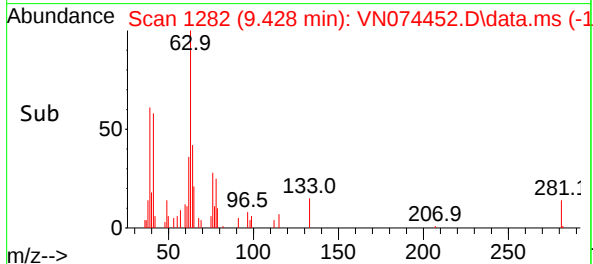
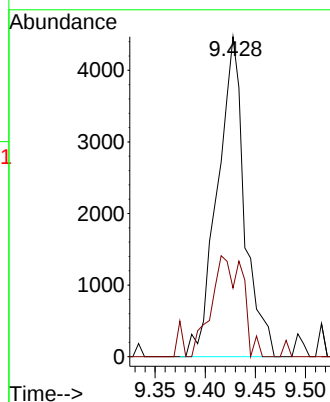
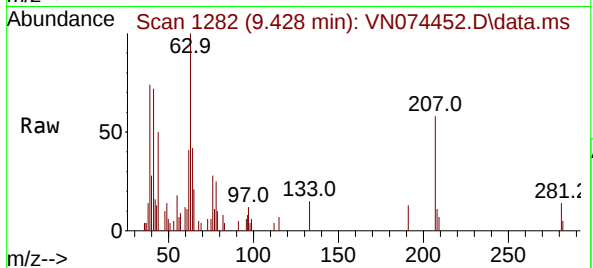
65 21.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 1.225 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

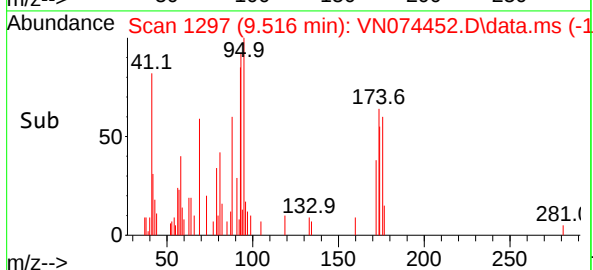
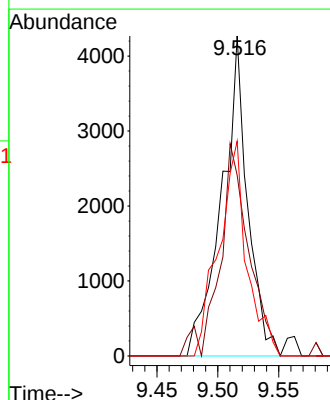
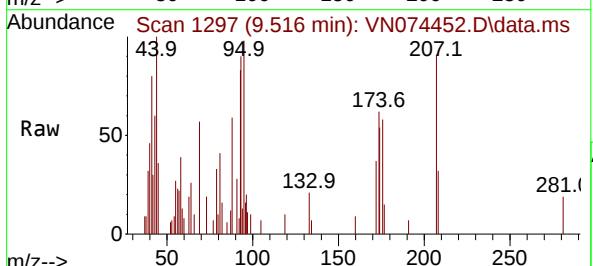
Tgt Ion: 93 Resp: 6328

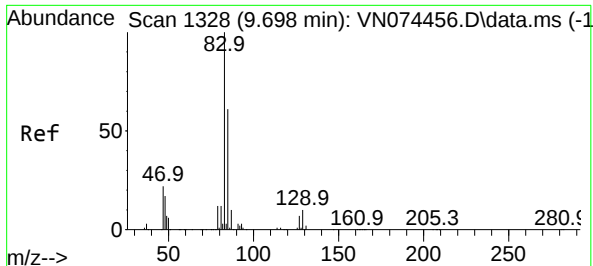
Ion Ratio Lower Upper

93 100

95 74.0 67.5 101.3

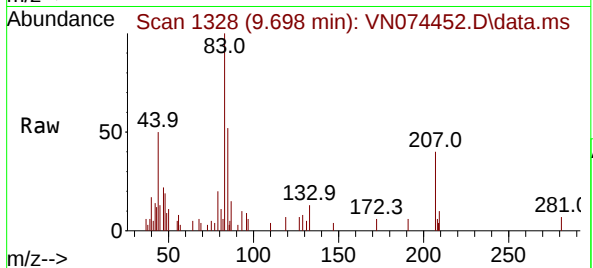
174 72.6 67.2 100.8





#47
Bromodichloromethane
Concen: 1.057 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

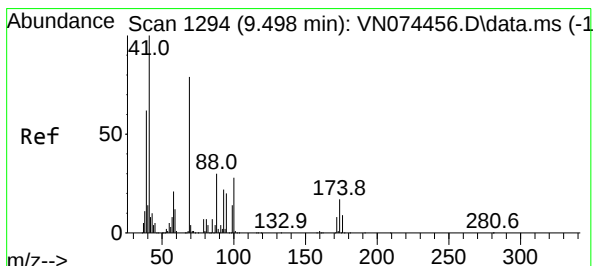
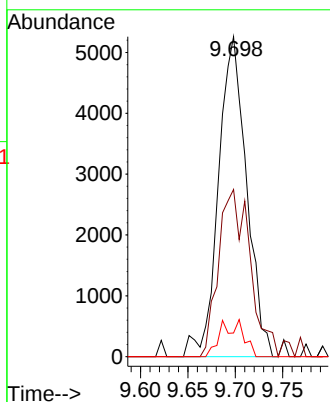
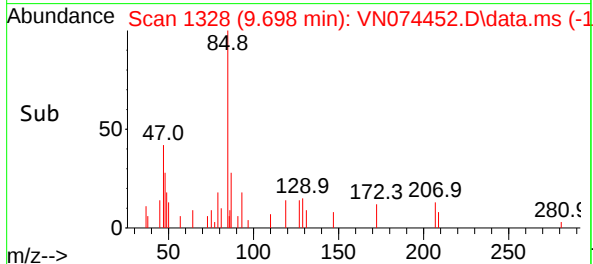
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



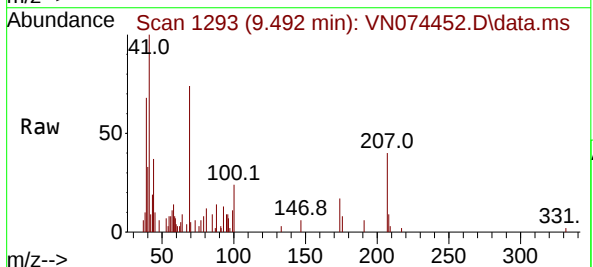
Tgt Ion: 83 Resp: 1088
Ion Ratio Lower Upper
83 100
85 52.3 47.7 71.5
127 7.4 5.4 8.2

Manual Integrations
APPROVED

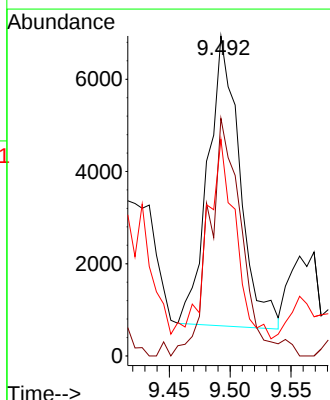
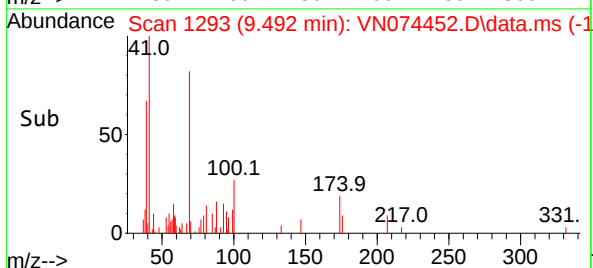
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

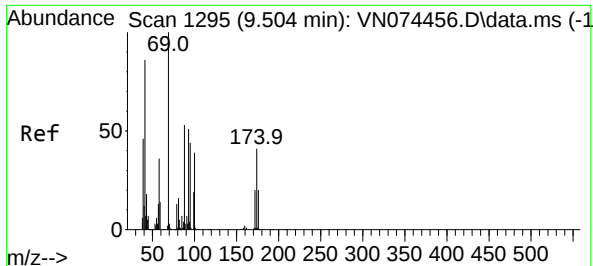


#48
Methyl methacrylate
Concen: 1.182 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



Tgt Ion: 41 Resp: 11464
Ion Ratio Lower Upper
41 100
69 83.9 67.6 101.4
39 65.2 58.2 87.4





#49

1,4-Dioxane

Concen: 22.830 ug/l

RT: 9.504 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 88 Resp: 466

Ion Ratio Lower Upper

88 100

43 0.0 26.9 40.3

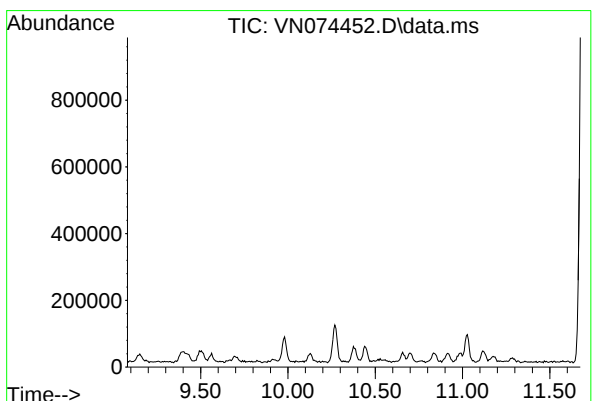
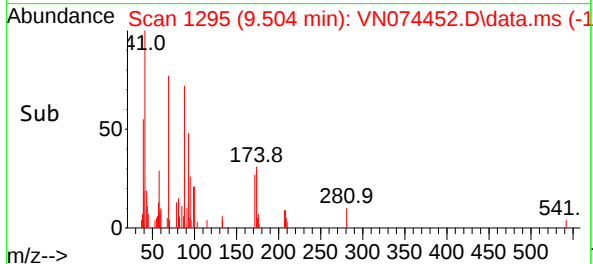
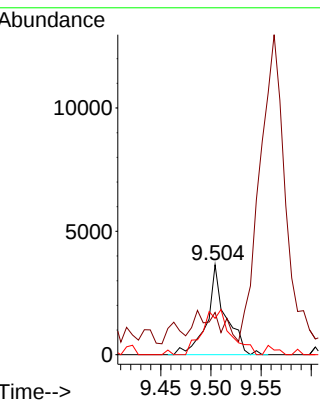
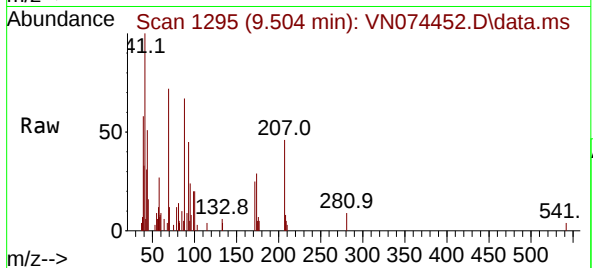
58 76.9 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 10.38 min

Lab File: VN074452.D

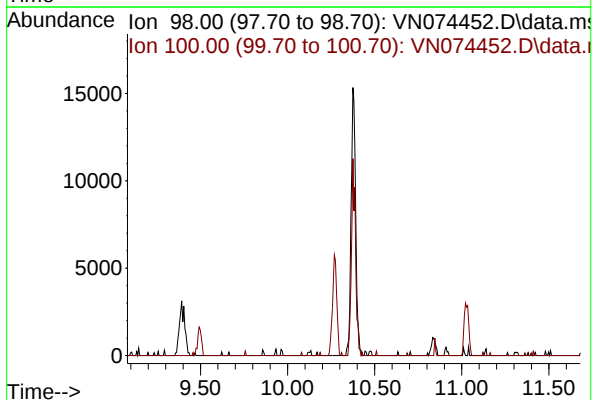
Acq: 15 Sep 2022 09:59

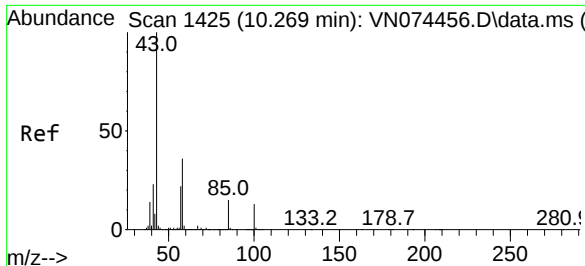
Tgt Ion: 98

Sig Exp Ratio

98 100

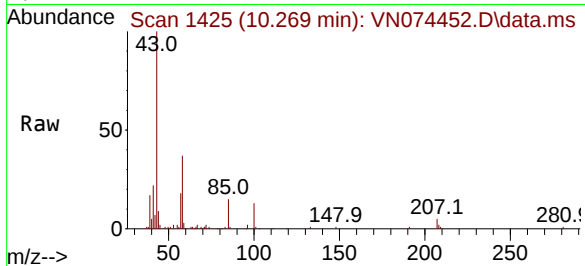
100 63.3





#51
4-Methyl-2-Pentanone
Concen: 5.279 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

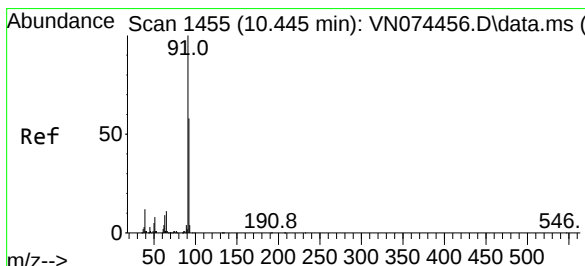
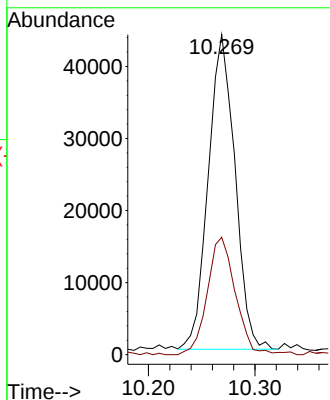
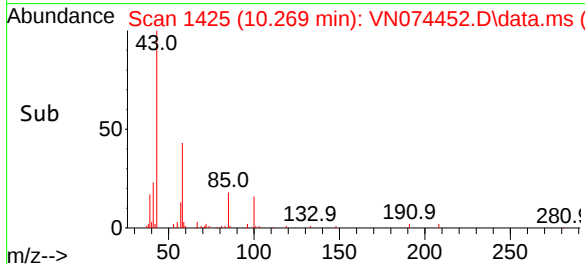
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



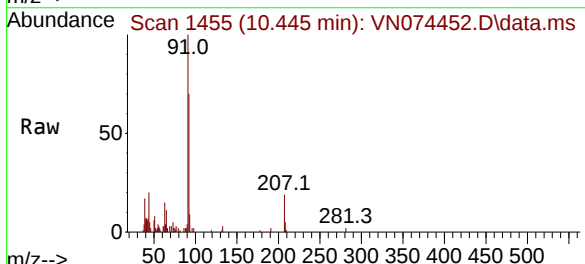
Tgt Ion: 43 Resp: 76000
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6

Manual Integrations
APPROVED

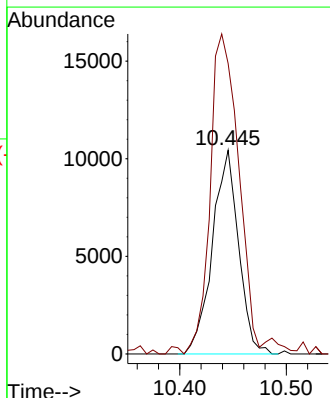
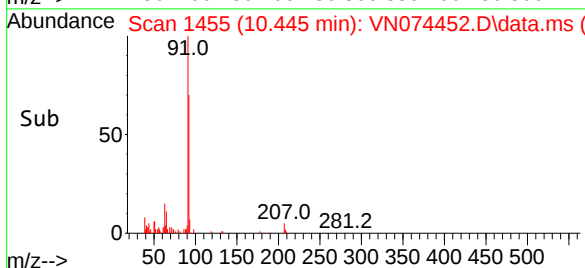
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

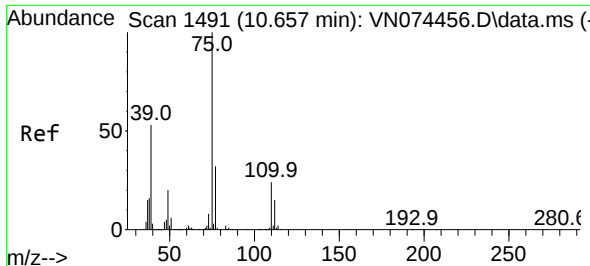


#52
Toluene
Concen: 1.012 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



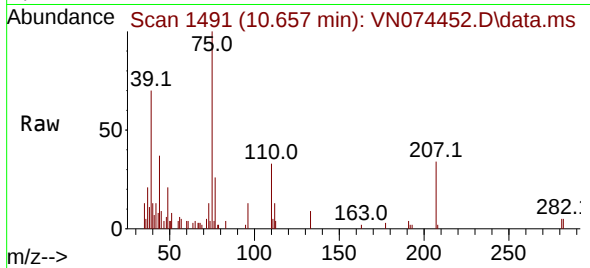
Tgt Ion: 92 Resp: 17782
Ion Ratio Lower Upper
92 100
91 172.7 139.8 209.6





#53
 t-1,3-Dichloropropene
 Concen: 1.084 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59

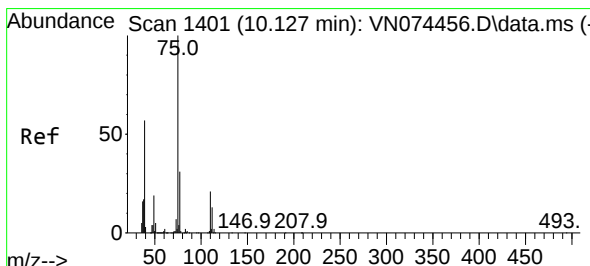
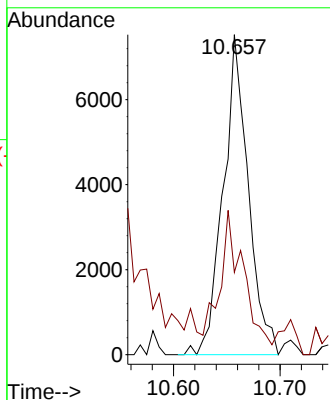
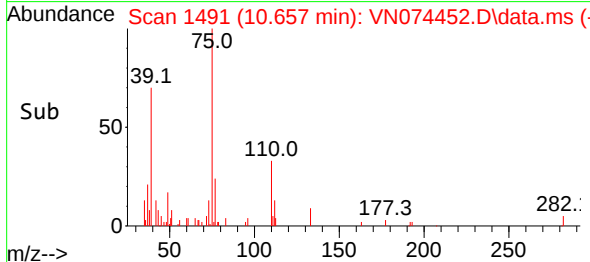
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



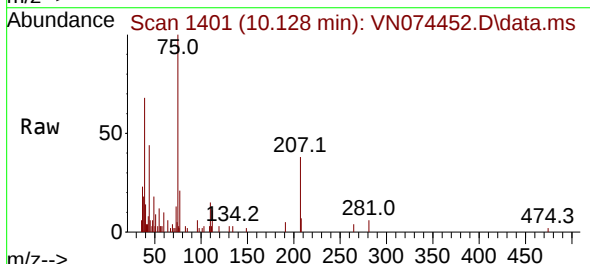
Tgt Ion: 75 Resp: 12312
 Ion Ratio Lower Upper
 75 100
 77 18.6 23.9 35.9

Manual Integrations
 APPROVED

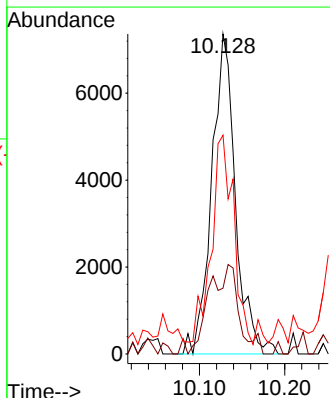
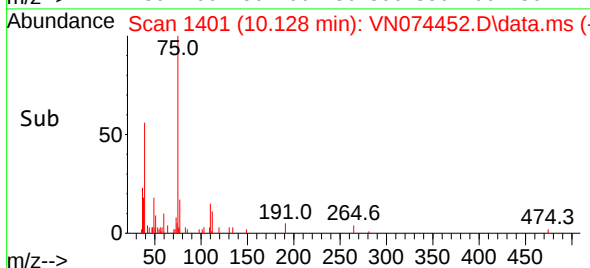
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

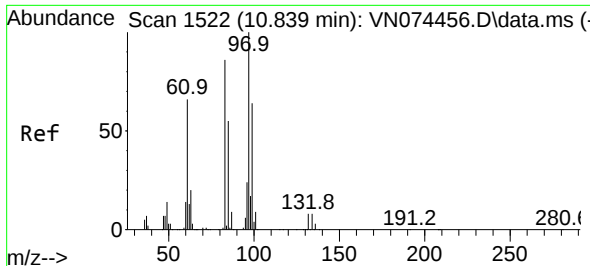


#54
 cis-1,3-Dichloropropene
 Concen: 1.178 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59



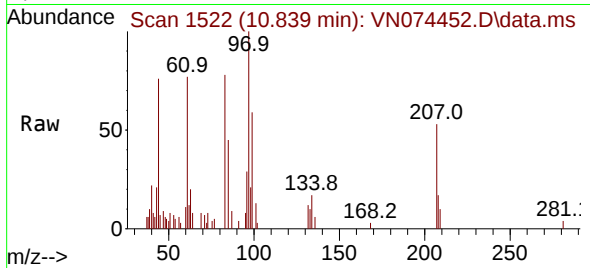
Tgt Ion: 75 Resp: 14266
 Ion Ratio Lower Upper
 75 100
 77 20.5 24.5 36.7#
 39 60.5 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 1.239 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

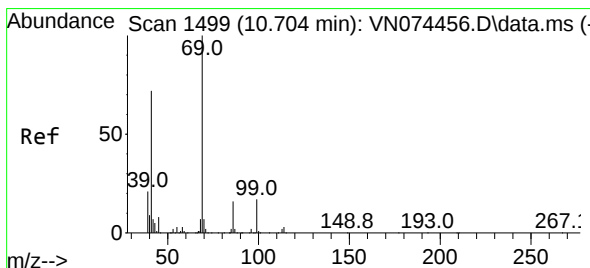
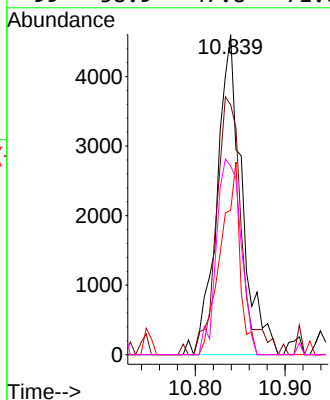
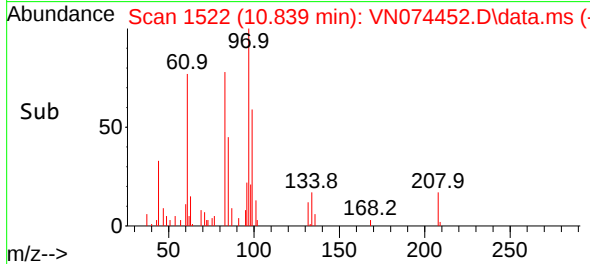
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



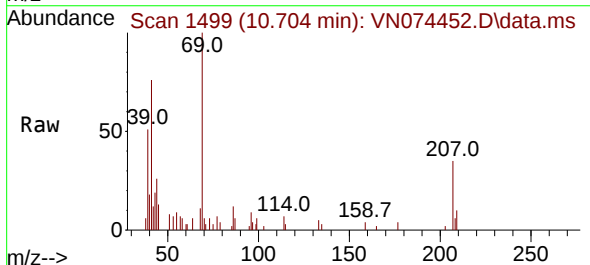
Tgt Ion: 97 Resp: 8974
Ion Ratio Lower Upper
97 100
83 78.1 70.8 106.2
85 45.1 44.1 66.1
99 58.9 47.8 71.6

Manual Integrations
APPROVED

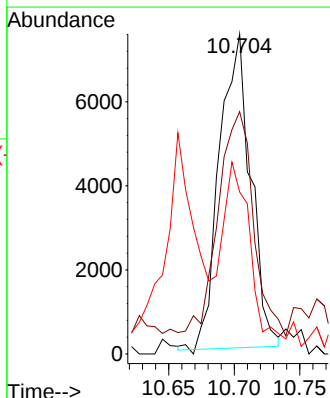
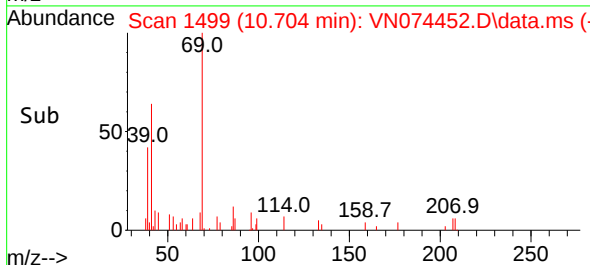
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

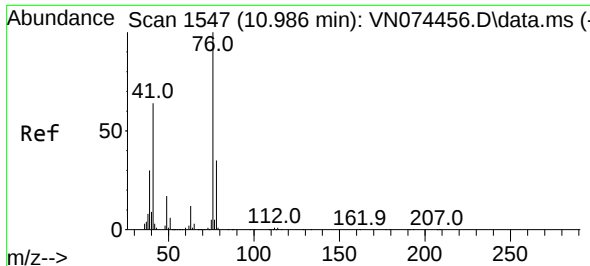


#56
Ethyl methacrylate
Concen: 1.003 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



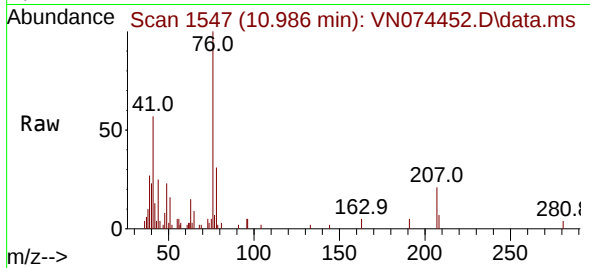
Tgt Ion: 69 Resp: 12340
Ion Ratio Lower Upper
69 100
41 82.8 56.6 85.0
39 52.6 37.4 56.2





#57
1,3-Dichloropropane
Concen: 1.201 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

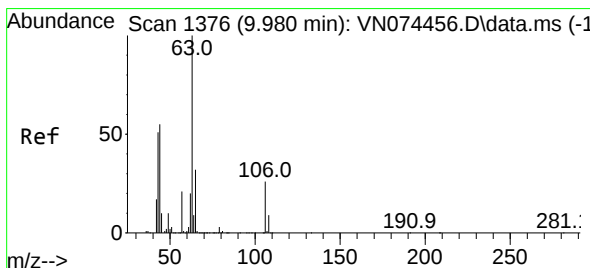
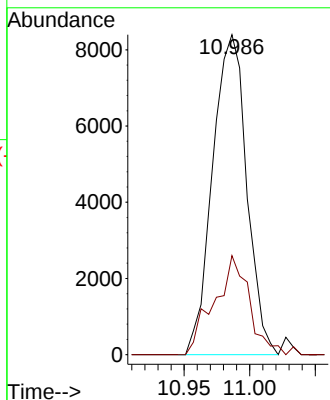
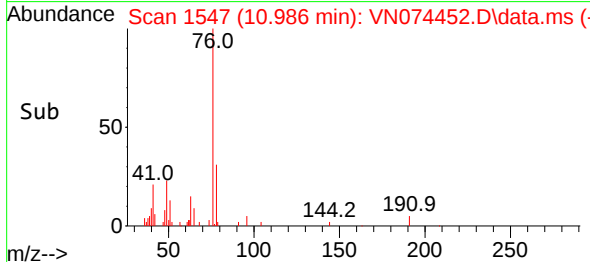
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



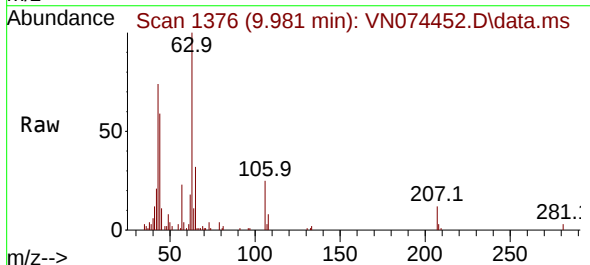
Tgt Ion: 76 Resp: 1520
Ion Ratio Lower Upper
76 100
78 32.3 25.0 37.4

Manual Integrations
APPROVED

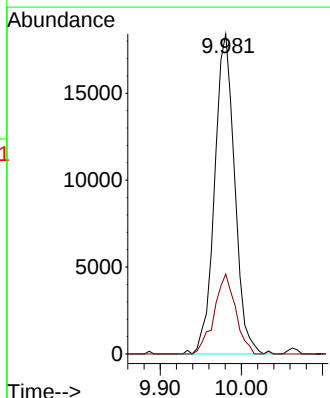
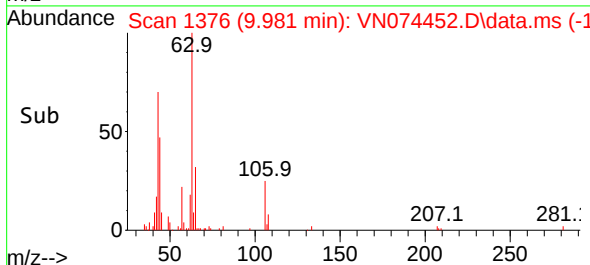
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

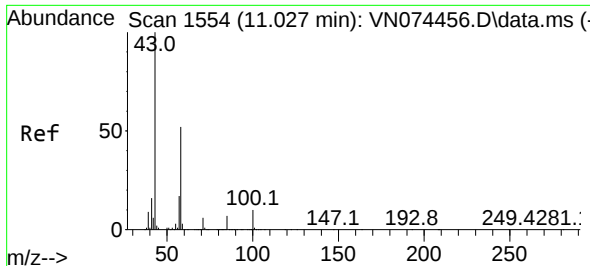


#58
2-Chloroethyl Vinyl ether
Concen: 5.524 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



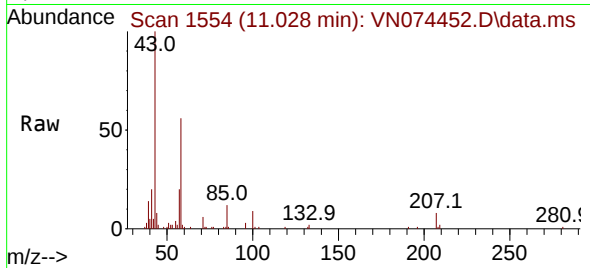
Tgt Ion: 63 Resp: 31623
Ion Ratio Lower Upper
63 100
106 26.7 21.1 31.7





#59
2-Hexanone
Concen: 5.015 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

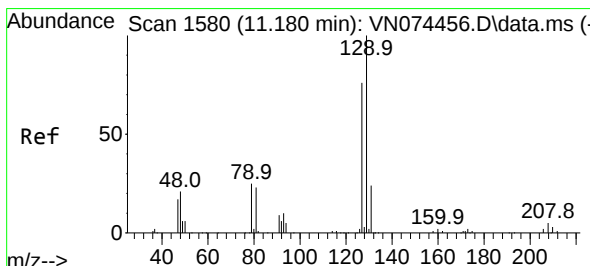
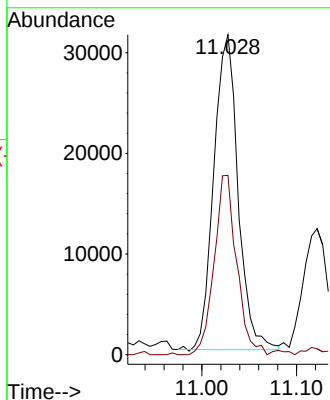
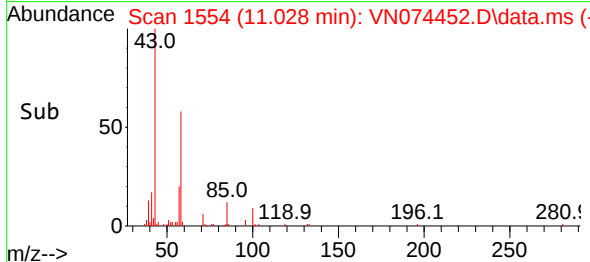
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



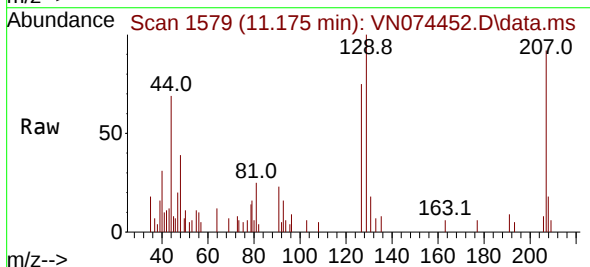
Tgt Ion: 43 Resp: 55718
Ion Ratio Lower Upper
43 100
58 52.9 25.8 77.3

Manual Integrations
APPROVED

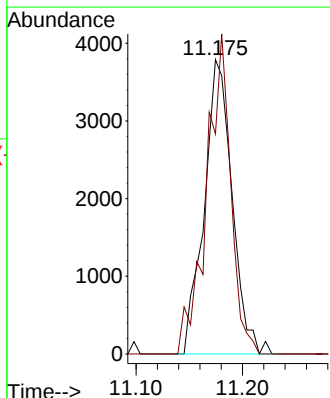
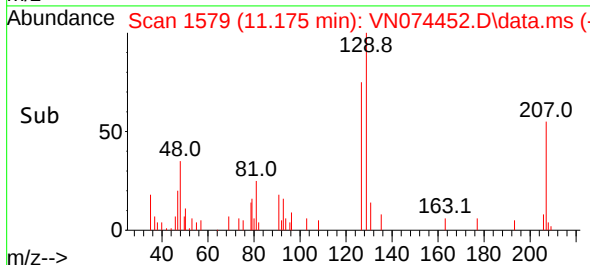
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

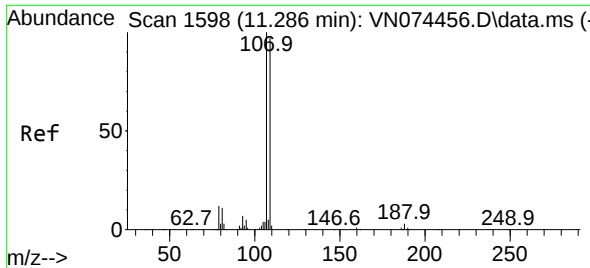


#60
Dibromochloromethane
Concen: 0.942 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



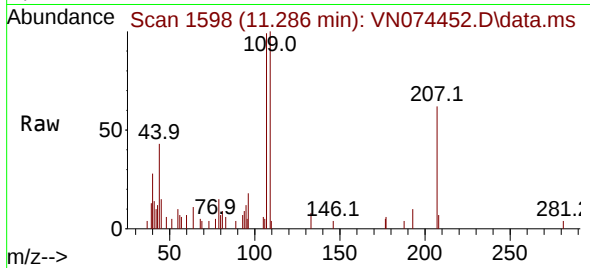
Tgt Ion:129 Resp: 6910
Ion Ratio Lower Upper
129 100
127 94.0 38.8 116.3





#61
1,2-Dibromoethane
Concen: 1.069 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

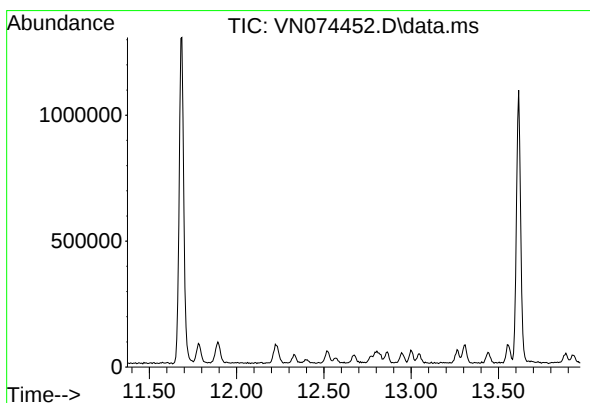
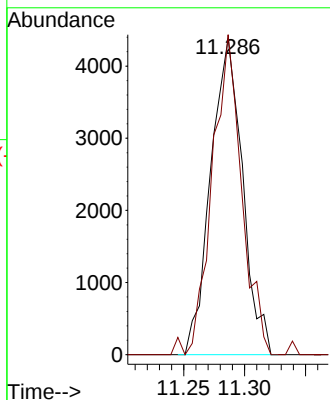
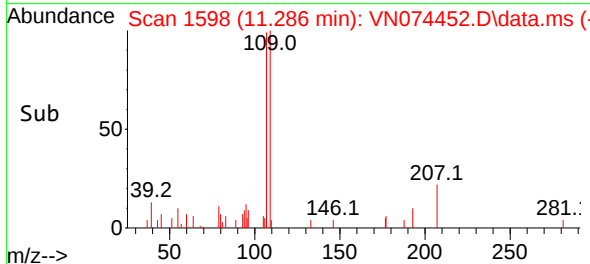
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:107 Resp: 7969
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.4

Manual Integrations
APPROVED

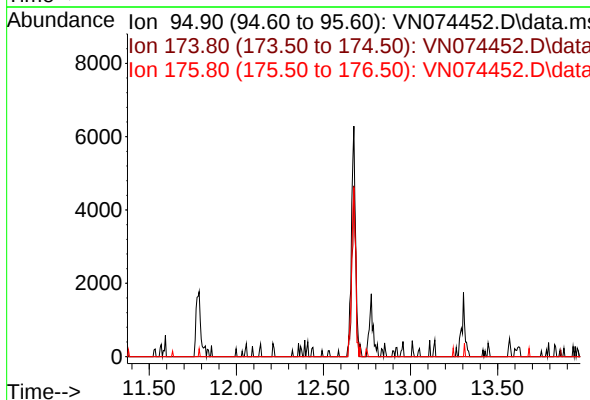
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

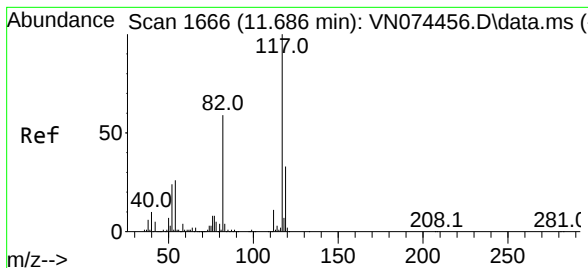


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.67 min

Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

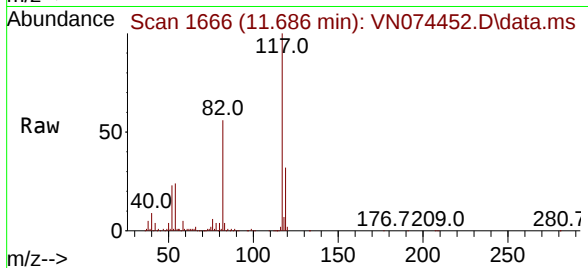
Tgt Ion: 95
Sig Exp Ratio
95 100
174 75.3
176 71.7





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

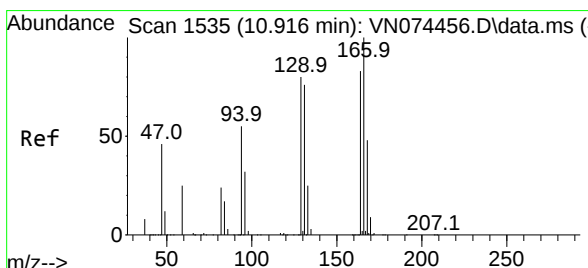
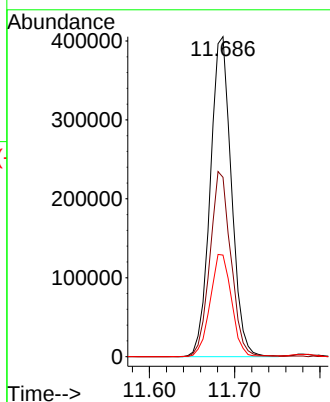
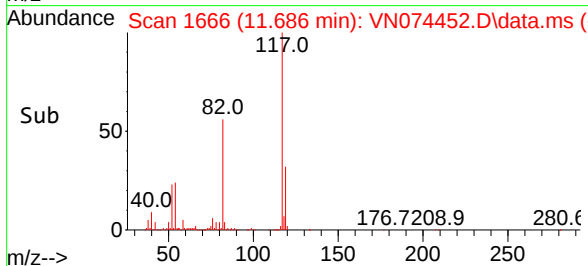
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



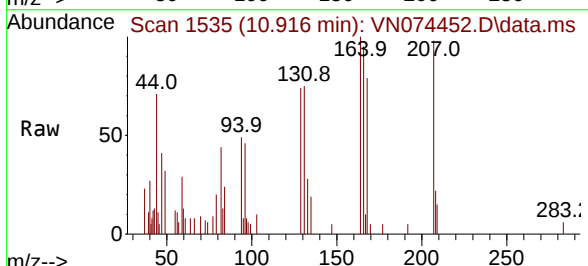
Tgt Ion:117 Resp: 69833
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 31.7 25.5 38.3

Manual Integrations
APPROVED

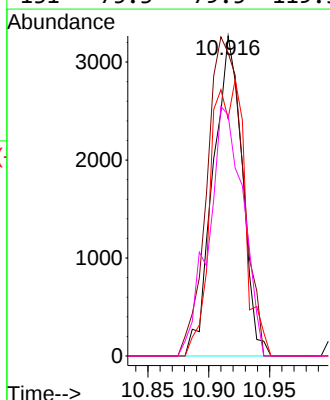
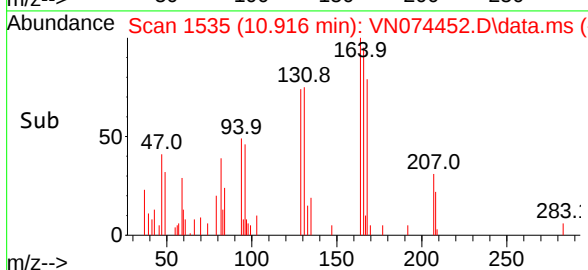
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

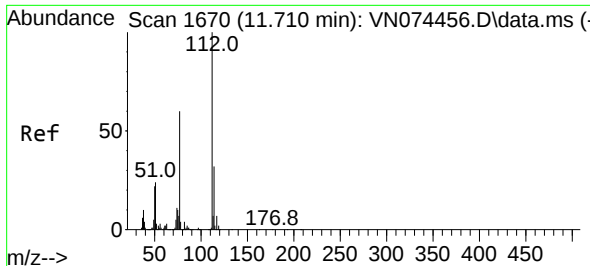


#64
Tetrachloroethene
Concen: 1.147 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



Tgt Ion:164 Resp: 5429
Ion Ratio Lower Upper
164 100
166 94.7 106.6 160.0#
129 74.1 84.0 126.0#
131 75.3 79.5 119.3#





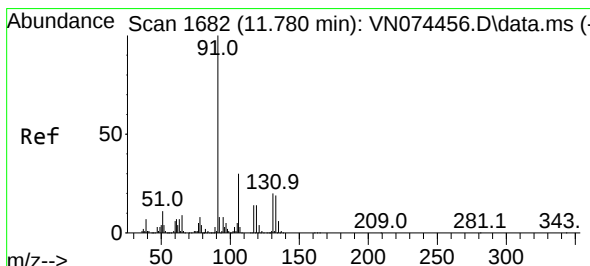
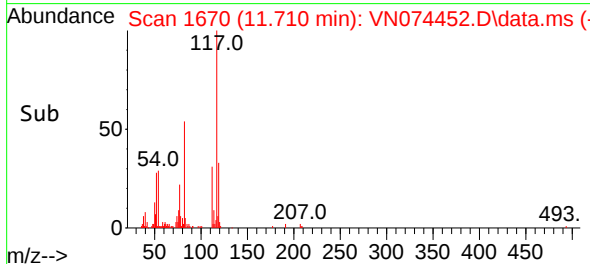
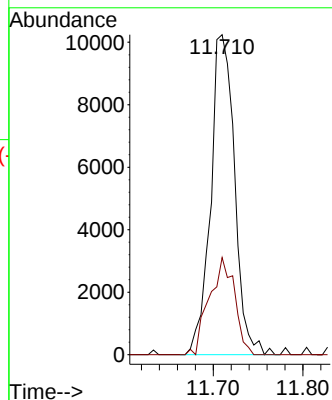
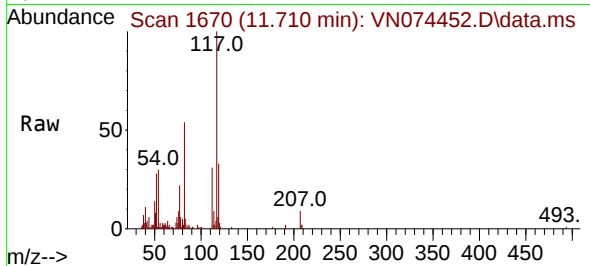
#65
Chlorobenzene
Concen: 1.129 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:112 Resp: 19009
Ion Ratio Lower Upper
112 100
114 30.4 25.1 37.7

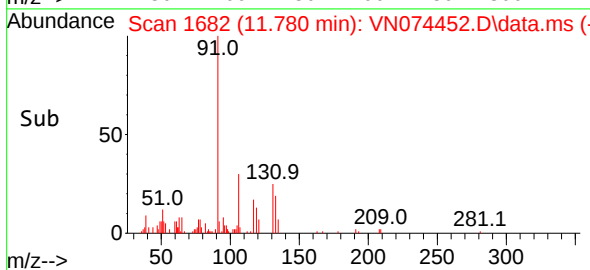
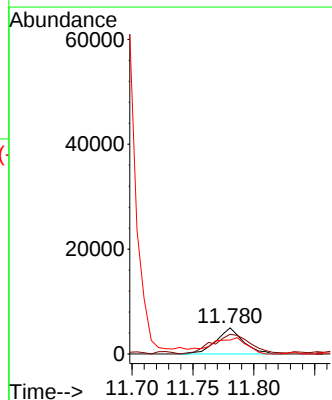
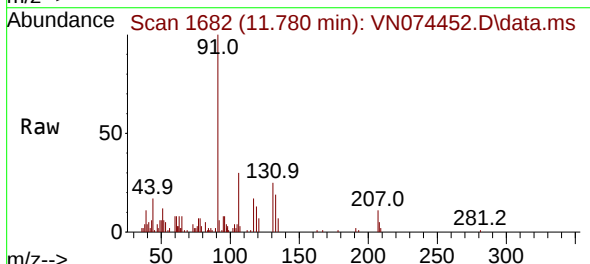
Manual Integrations
APPROVED

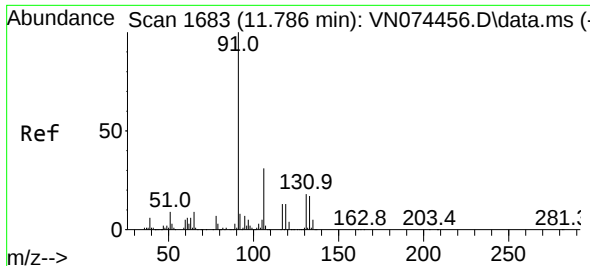
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 1.144 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Tgt Ion:131 Resp: 7527
Ion Ratio Lower Upper
131 100
133 108.8 47.3 141.8
119 0.0 33.0 98.9#





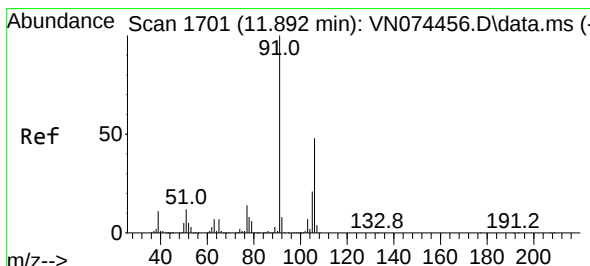
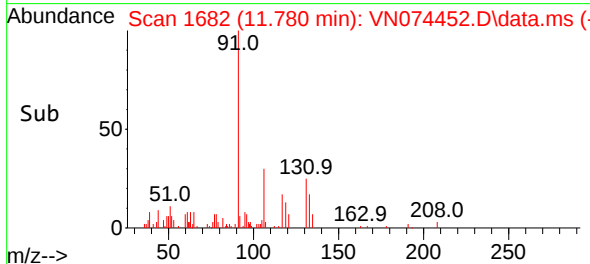
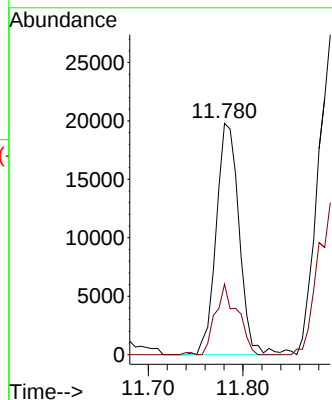
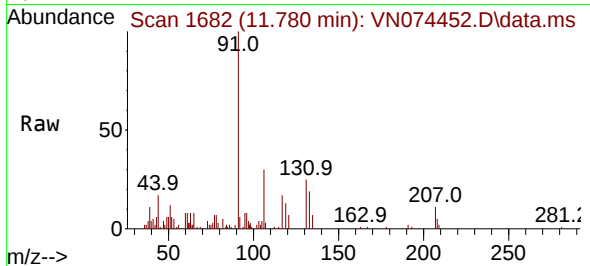
#67
Ethyl Benzene
Concen: 1.045 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 33225
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

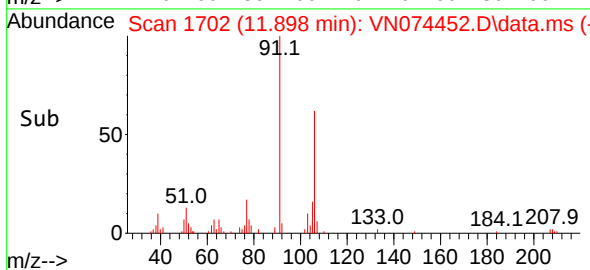
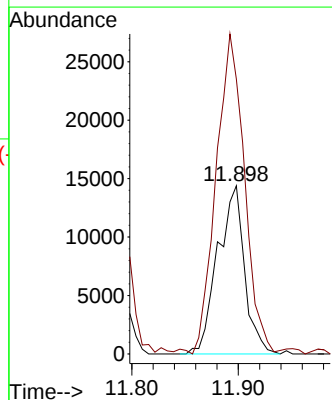
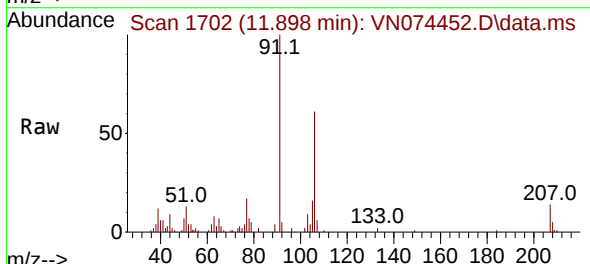
Manual Integrations
APPROVED

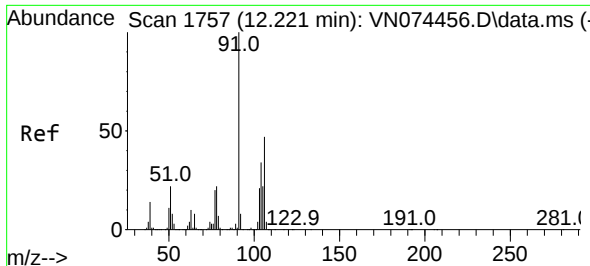
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#68
m/p-Xylenes
Concen: 2.101 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Tgt Ion:106 Resp: 25121
Ion Ratio Lower Upper
106 100
91 196.4 167.7 251.5





#69

o-Xylene

Concen: 1.078 ug/l

RT: 12.222 min Scan# 1757

Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:106 Resp: 1295

Ion Ratio Lower Upper

106 100

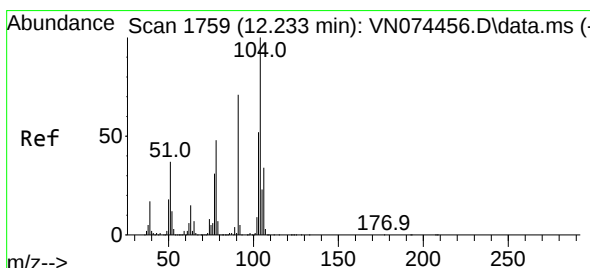
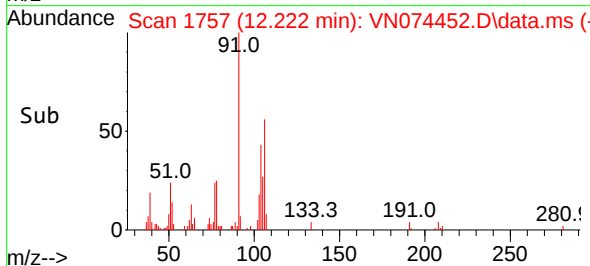
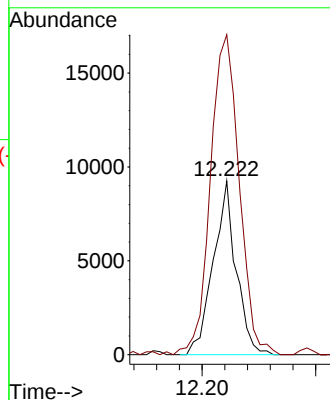
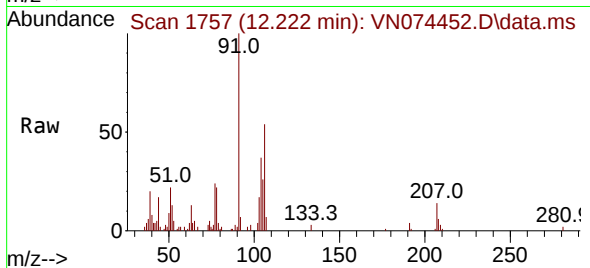
91 231.3 109.4 328.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#70

Styrene

Concen: 1.044 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

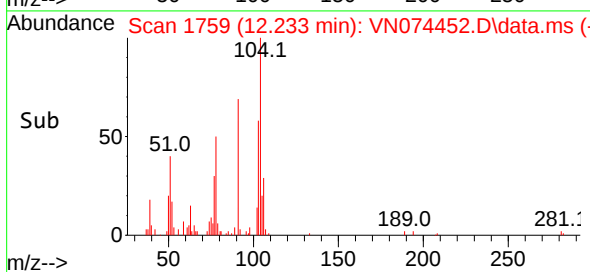
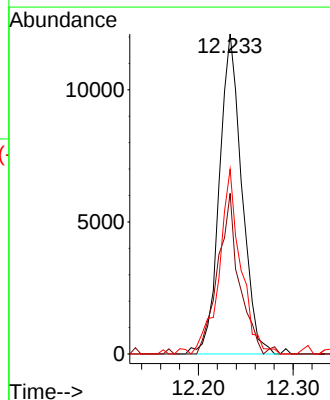
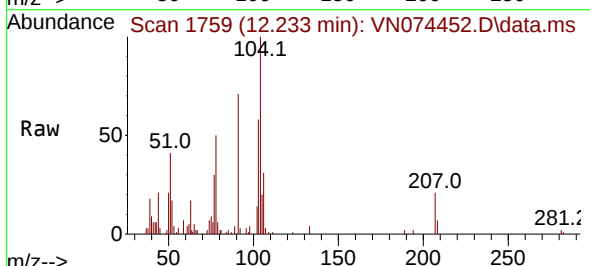
Tgt Ion:104 Resp: 19947

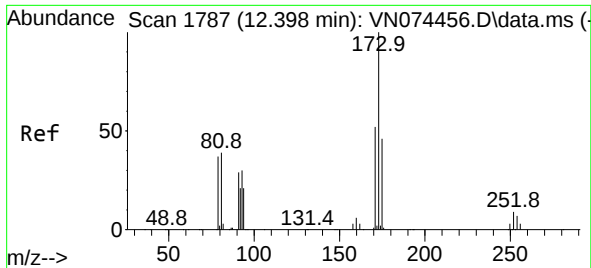
Ion Ratio Lower Upper

104 100

78 47.8 41.8 62.6

103 56.1 43.4 65.2





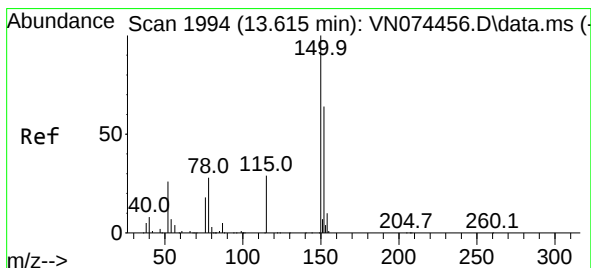
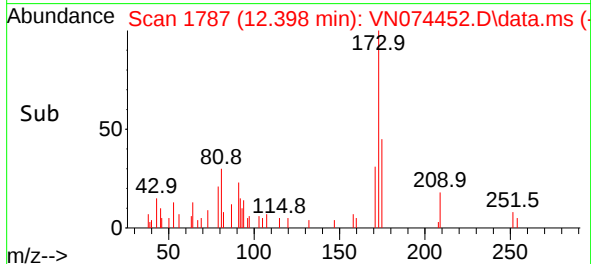
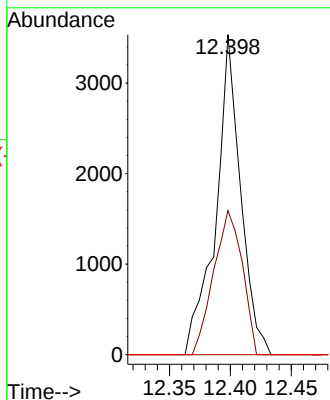
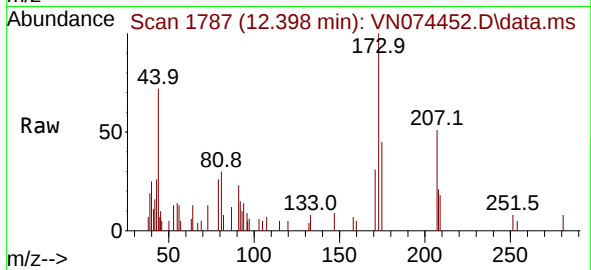
#71
Bromoform
Concen: 1.019 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:173 Resp: 5020
Ion Ratio Lower Upper
173 100
175 51.8 24.1 72.3
254 0.0 0.0 0.0

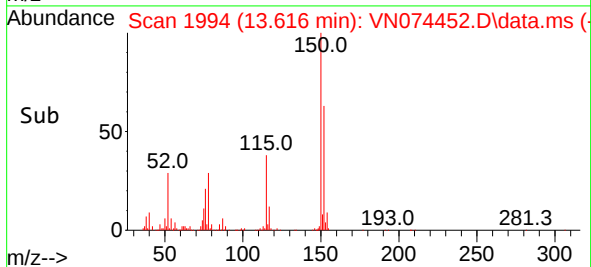
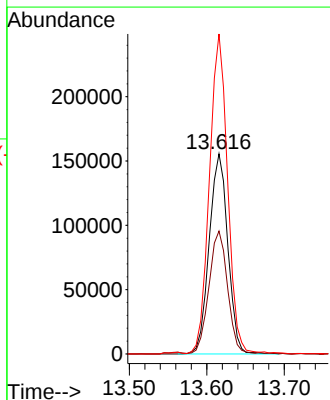
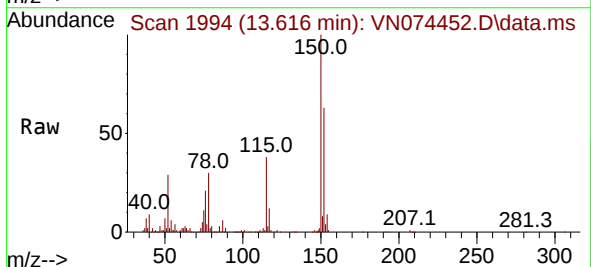
Manual Integrations
APPROVED

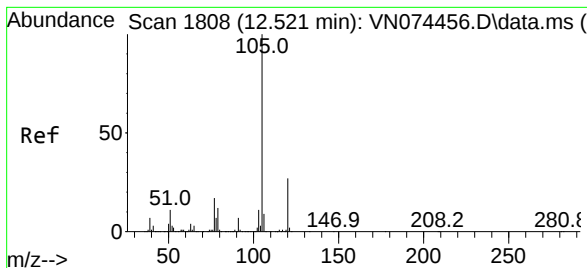
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Tgt Ion:152 Resp: 259794
Ion Ratio Lower Upper
152 100
115 60.6 32.0 96.0
150 156.2 0.0 359.6





#73

Isopropylbenzene

Concen: 1.166 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

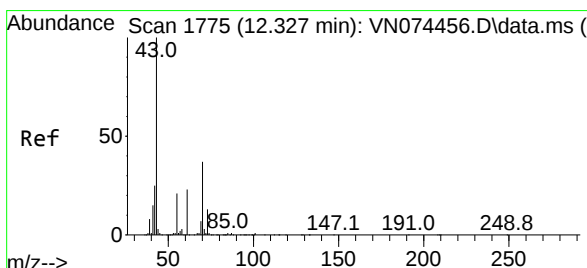
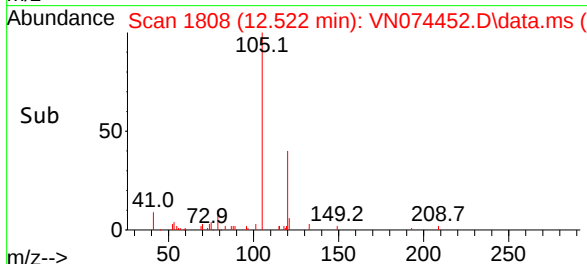
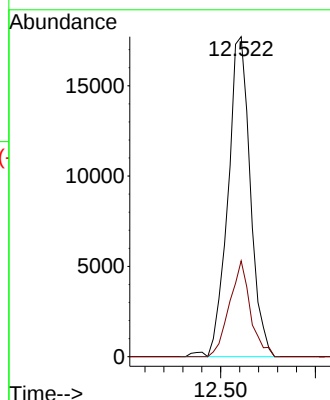
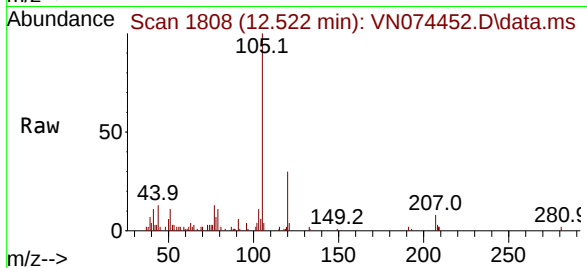
Tgt Ion:105 Resp: 29108
 Ion Ratio Lower Upper
 105 100
 120 28.0 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#74

N-ethyl acetate

Concen: 1.472 ug/l

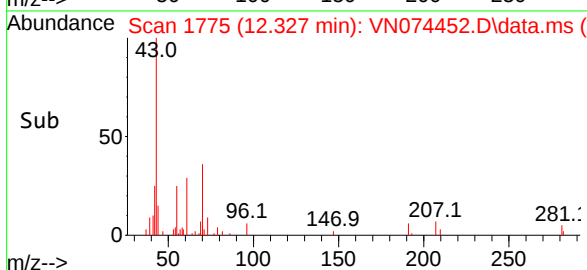
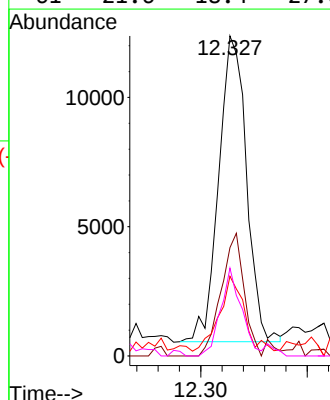
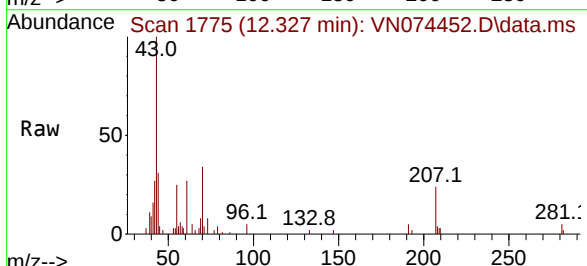
RT: 12.327 min Scan# 1775

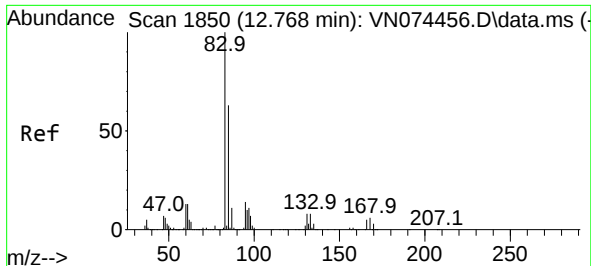
Delta R.T. -0.006 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

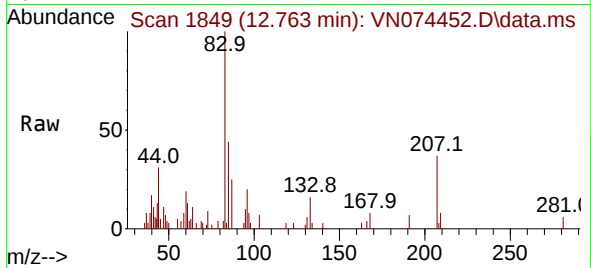
Tgt Ion: 43 Resp: 21386
 Ion Ratio Lower Upper
 43 100
 70 32.8 31.4 47.0
 55 21.8 17.0 25.6
 61 21.6 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 1.425 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

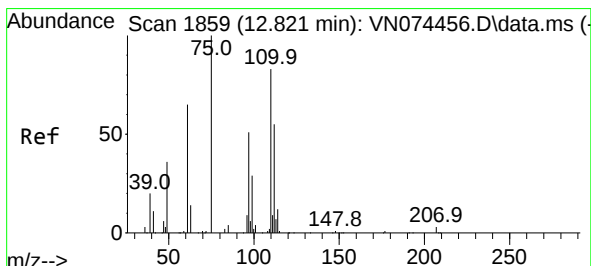
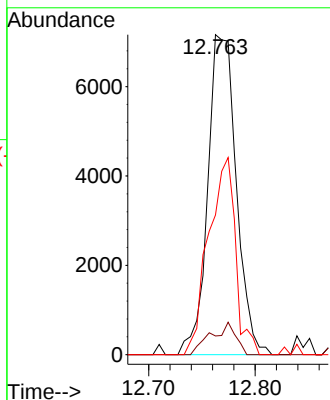
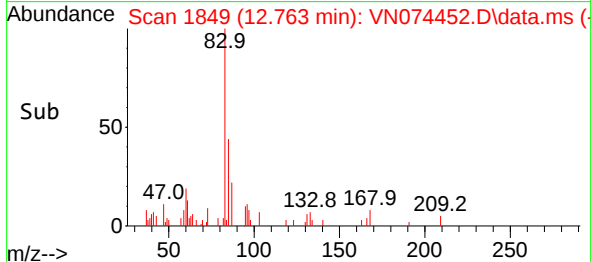
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



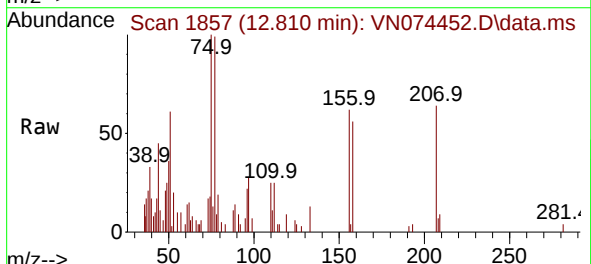
Tgt Ion: 83 Resp: 13360
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.7
85 58.0 32.3 96.8

Manual Integrations
APPROVED

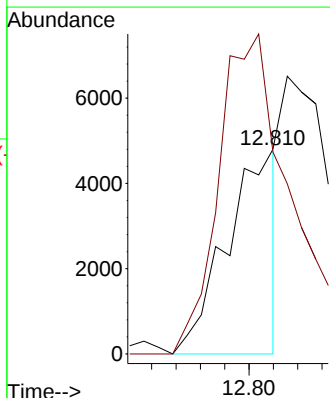
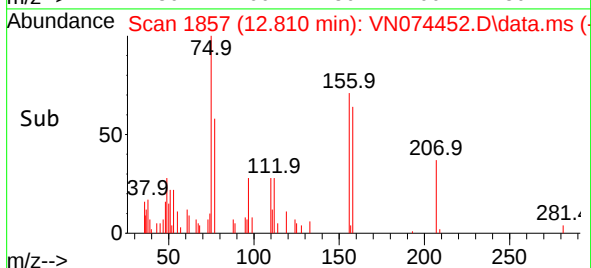
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

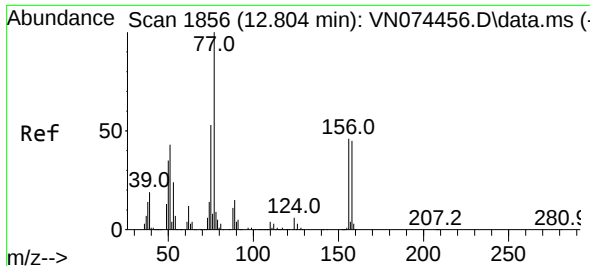


#76
1,2,3-Trichloropropane
Concen: 1.015 ug/l m
RT: 12.810 min Scan# 1857
Delta R.T. -0.012 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



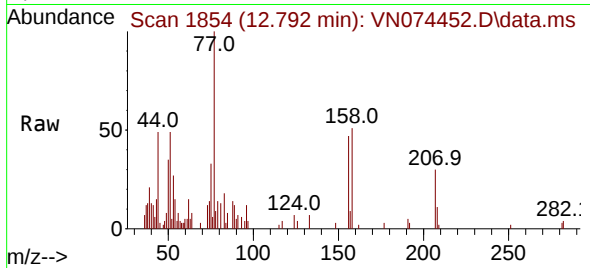
Tgt Ion: 75 Resp: 6894
Ion Ratio Lower Upper
75 100
77 217.7 78.9 236.7





#77
Bromobenzene
Concen: 1.172 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.012 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

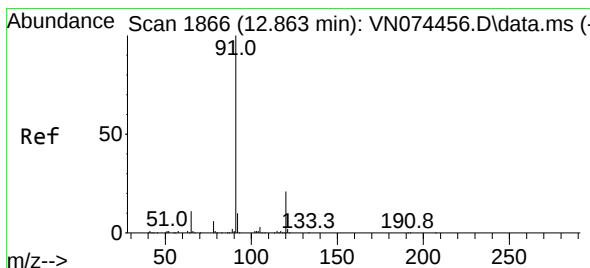
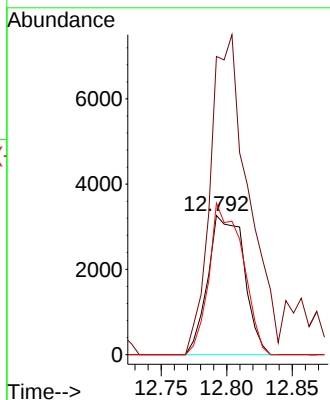
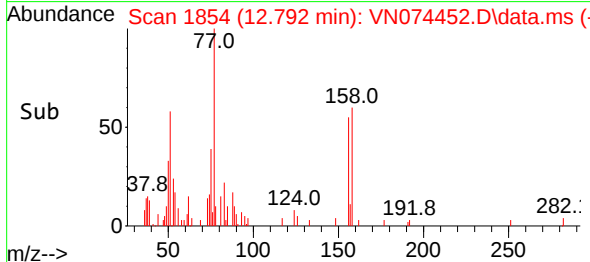
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



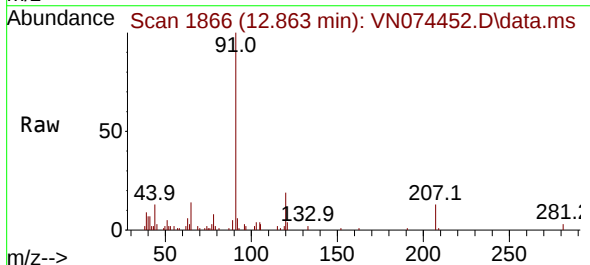
Tgt Ion:156 Resp: 628
Ion Ratio Lower Upper
156 100
77 239.0 124.4 373.1
158 100.6 49.2 147.6

Manual Integrations
APPROVED

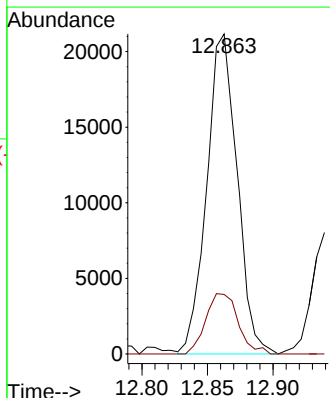
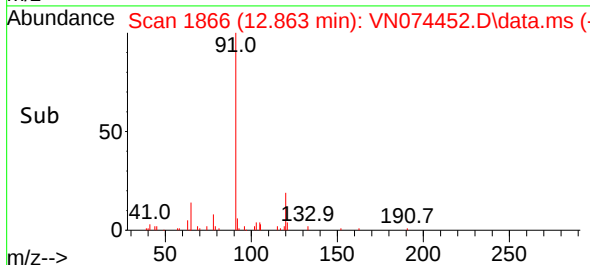
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

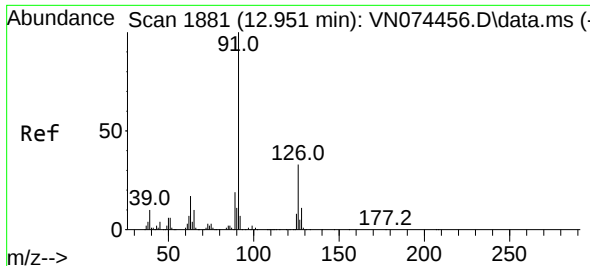


#78
n-propylbenzene
Concen: 1.193 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



Tgt Ion: 91 Resp: 34112
Ion Ratio Lower Upper
91 100
120 20.1 11.1 33.1





#79

2-Chlorotoluene

Concen: 1.227 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 2139

Ion Ratio Lower Upper

91 100

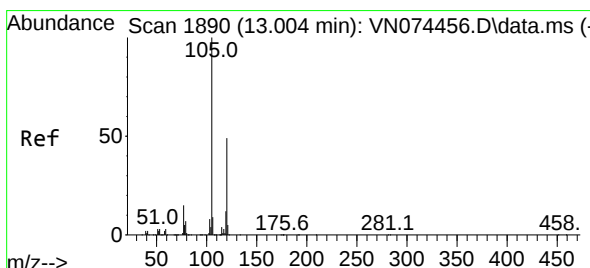
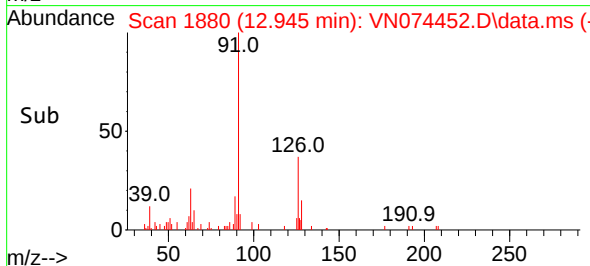
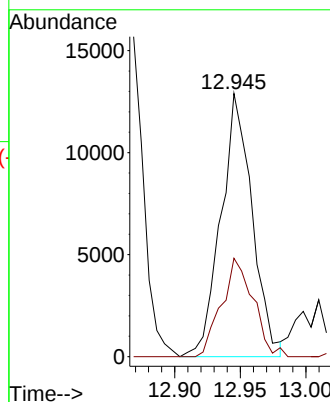
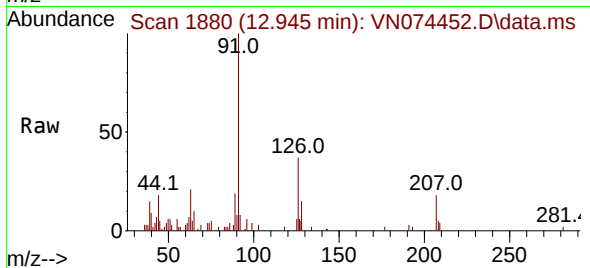
126 37.9 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#80

1,3,5-Trimethylbenzene

Concen: 1.047 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VN074452.D

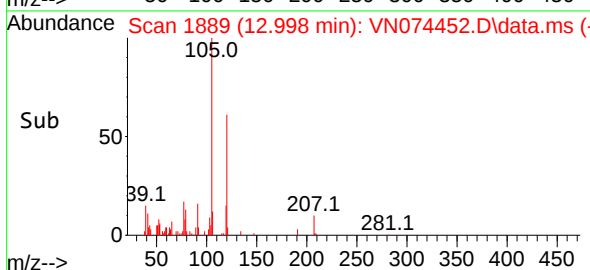
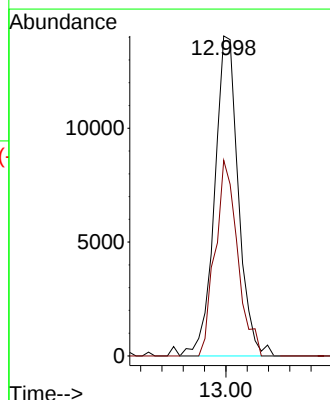
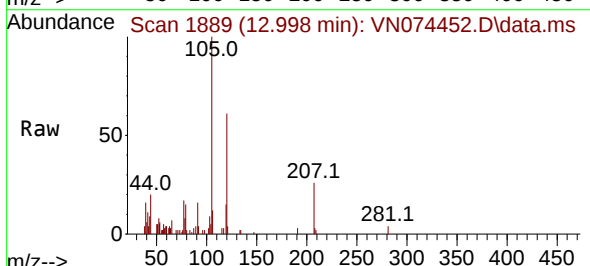
Acq: 15 Sep 2022 09:59

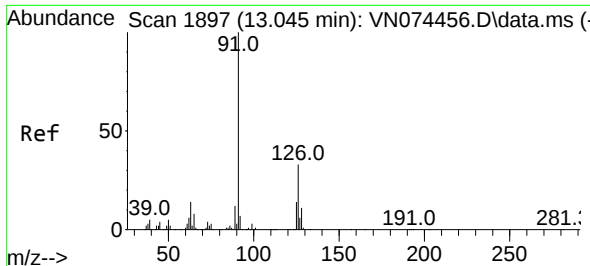
Tgt Ion:105 Resp: 21681

Ion Ratio Lower Upper

105 100

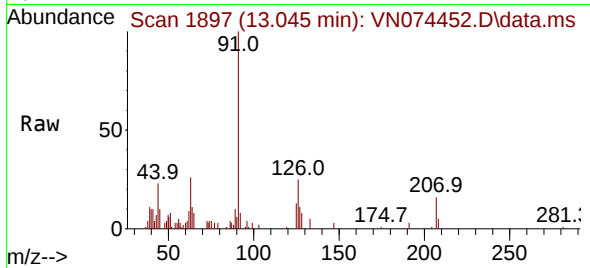
120 57.9 23.8 71.4





#82
4-Chlorotoluene
Concen: 1.173 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

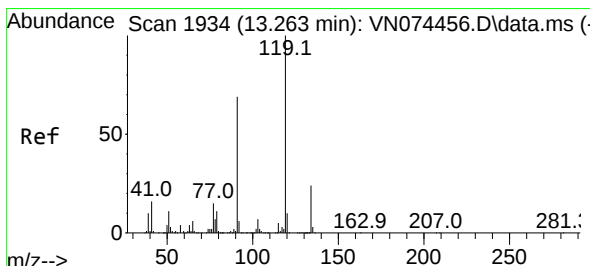
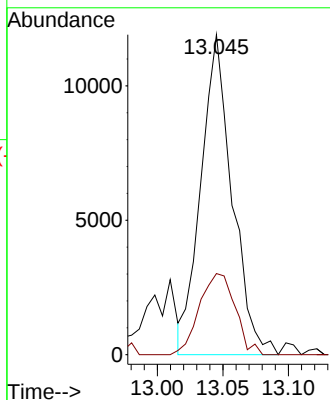
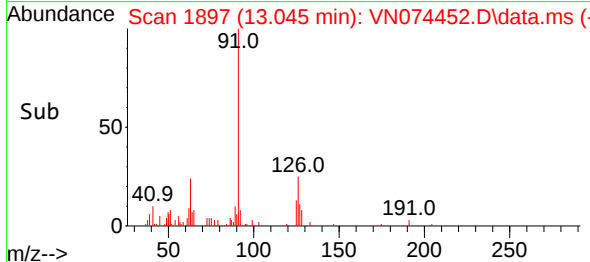
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



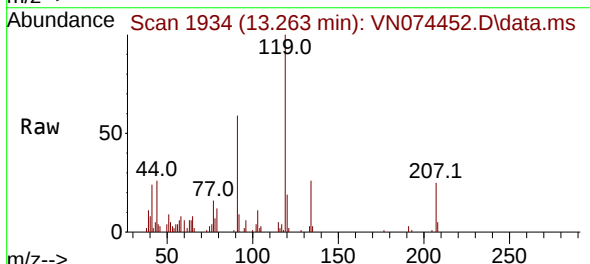
Tgt Ion: 91 Resp: 1972
Ion Ratio Lower Upper
91 100
126 29.0 16.4 49.1

Manual Integrations
APPROVED

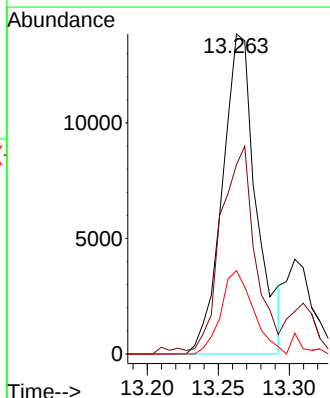
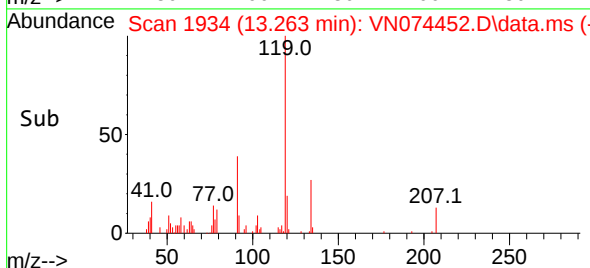
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

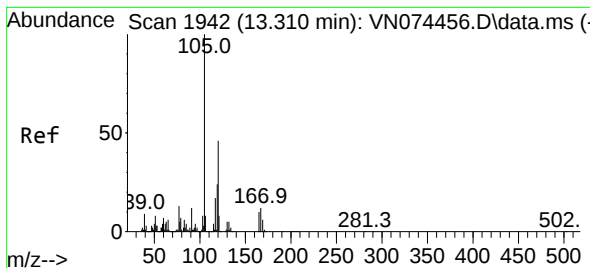


#83
tert-Butylbenzene
Concen: 1.234 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



Tgt Ion:119 Resp: 22999
Ion Ratio Lower Upper
119 100
91 63.8 33.8 101.3
134 24.8 13.1 39.3





#84

1,2,4-Trimethylbenzene

Concen: 1.179 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.000 min

Lab File: VN074452.D

Acq: 15 Sep 2022 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 2420

Ion Ratio Lower Upper

105 100

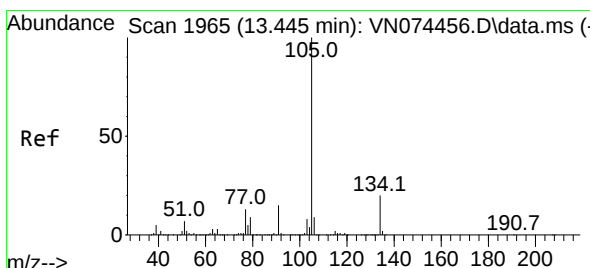
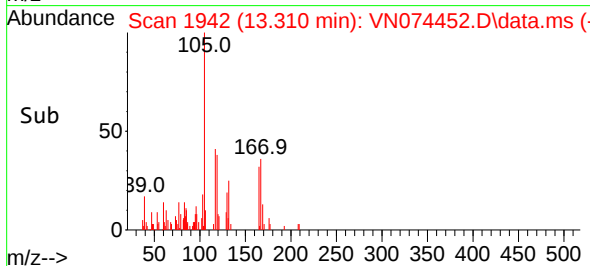
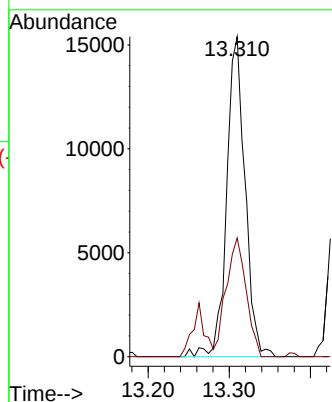
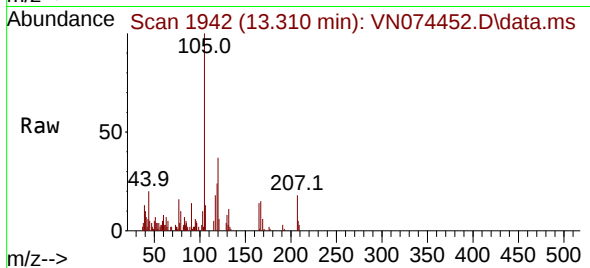
120 40.3 21.9 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#85

sec-Butylbenzene

Concen: 1.120 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VN074452.D

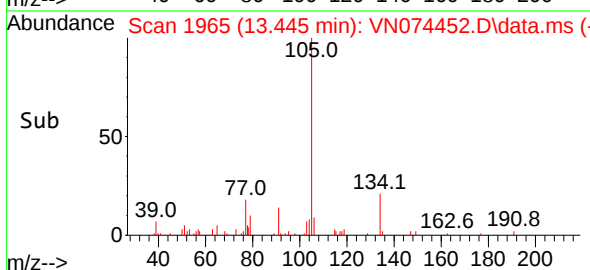
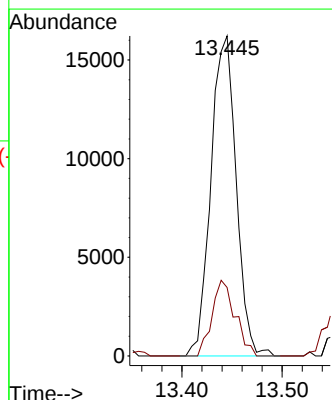
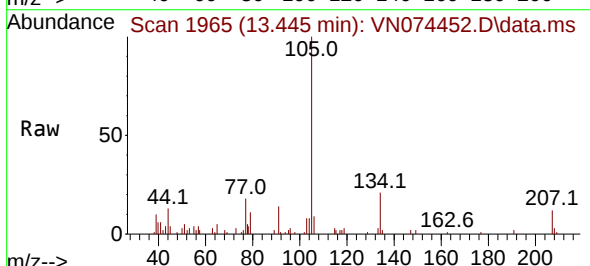
Acq: 15 Sep 2022 09:59

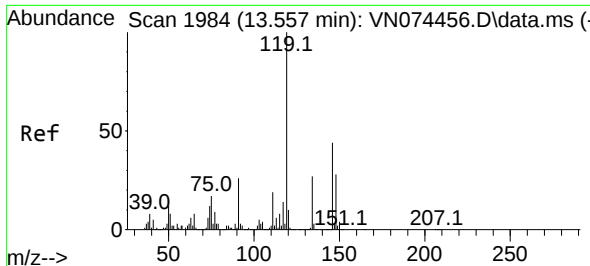
Tgt Ion:105 Resp: 28418

Ion Ratio Lower Upper

105 100

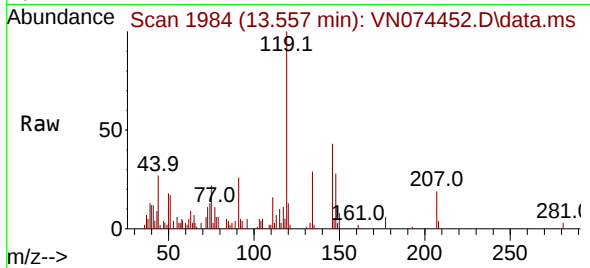
134 21.6 9.7 28.9





#86
p-Isopropyltoluene
Concen: 1.094 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

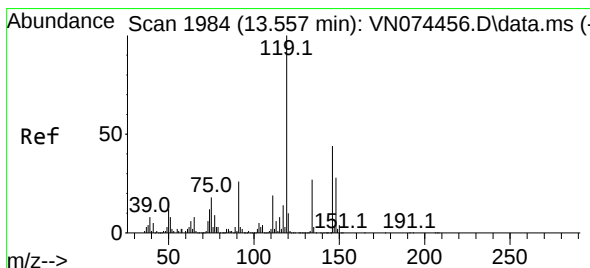
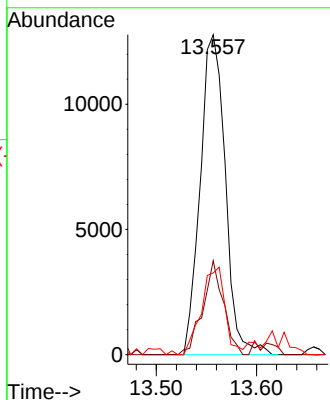
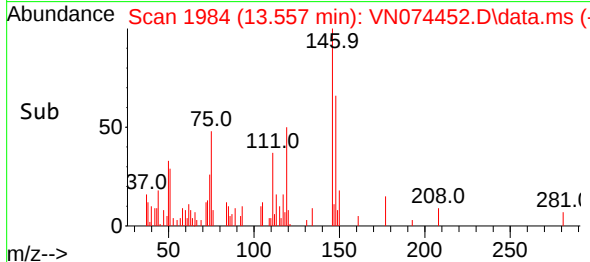
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



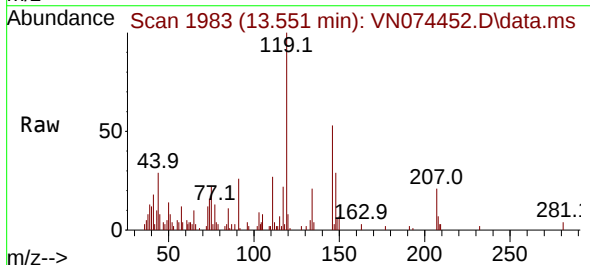
Tgt Ion:119 Resp: 22215
Ion Ratio Lower Upper
119 100
134 24.1 13.0 38.9
91 25.7 13.1 39.3

Manual Integrations
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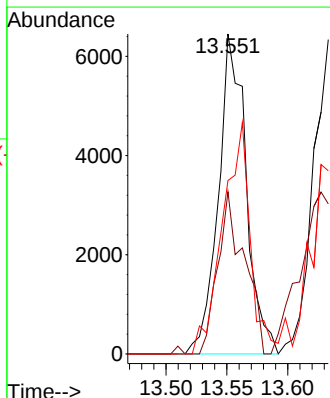
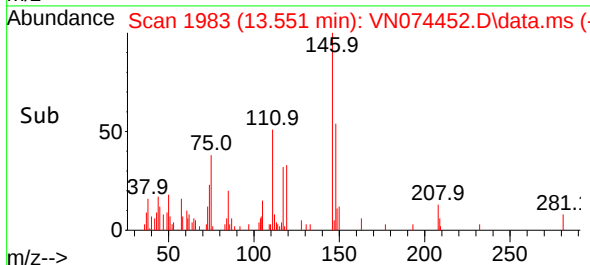
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

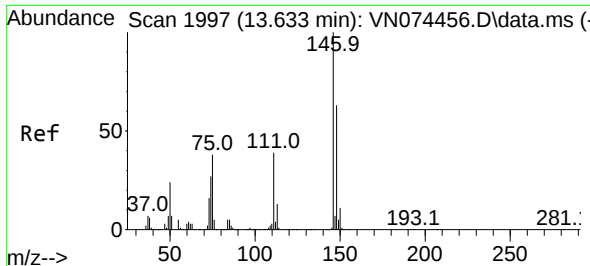


#87
1,3-Dichlorobenzene
Concen: 1.031 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



Tgt Ion:146 Resp: 10212
Ion Ratio Lower Upper
146 100
111 48.8 21.5 64.5
148 72.4 32.0 96.0





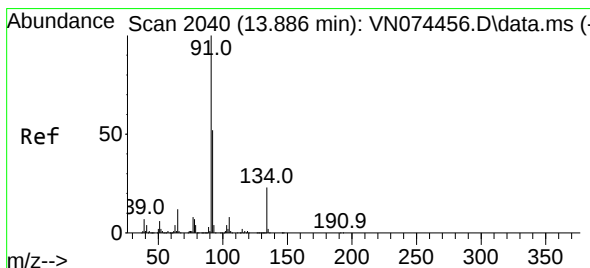
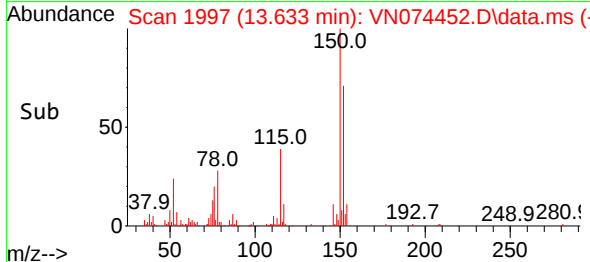
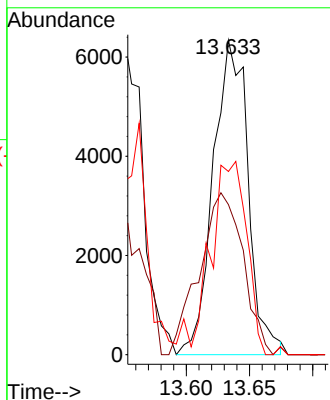
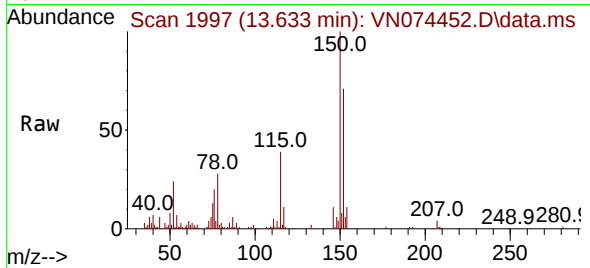
#88
1,4-Dichlorobenzene
Concen: 1.212 ug/l m
RT: 13.633 min Scan# 1997
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 12128
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.2
148 60.9 32.1 96.5

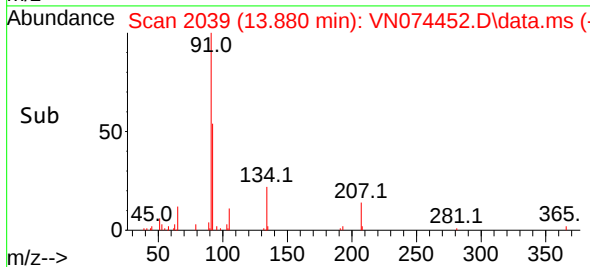
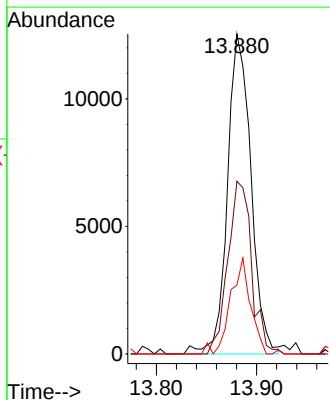
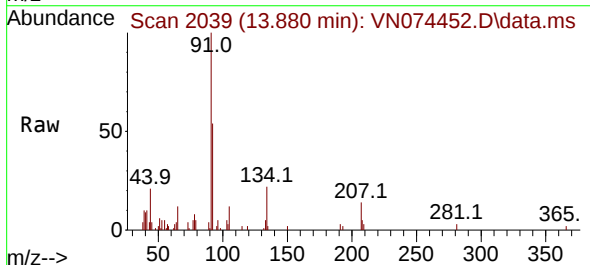
Manual Integrations
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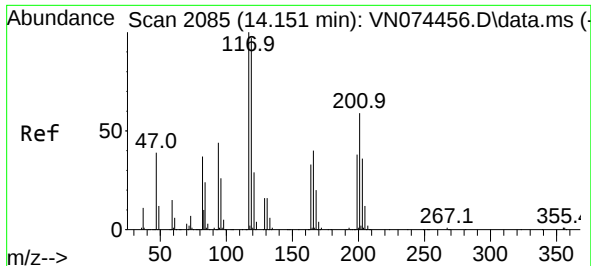
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#89
n-Butylbenzene
Concen: 1.183 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Tgt Ion: 91 Resp: 20444
Ion Ratio Lower Upper
91 100
92 54.4 25.8 77.4
134 25.6 12.4 37.0





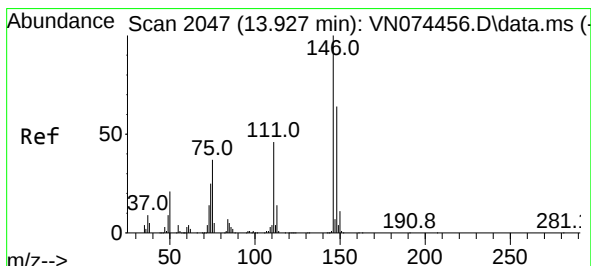
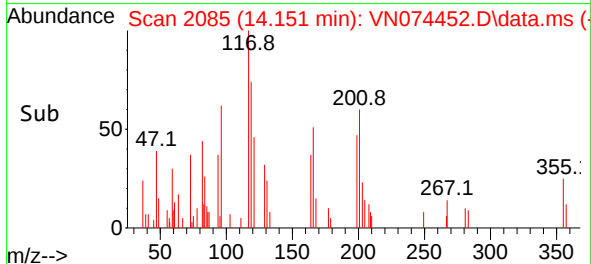
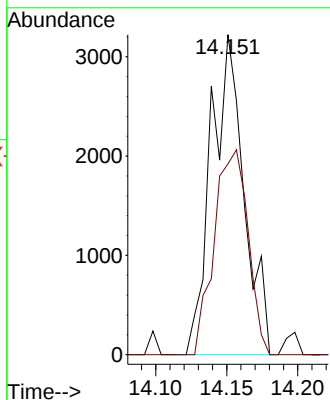
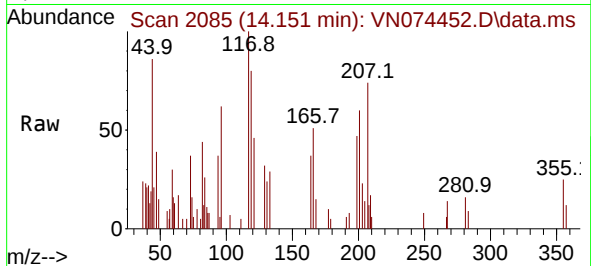
#90
Hexachloroethane
Concen: 1.211 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 5190
Ion Ratio Lower Upper
117 100
201 65.9 32.6 98.0

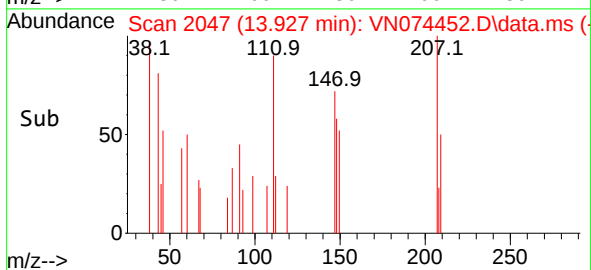
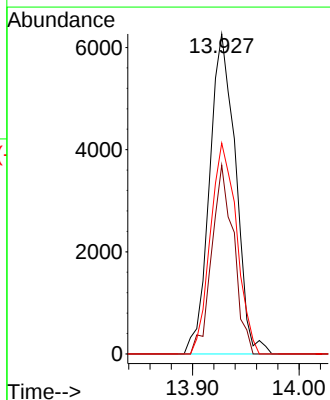
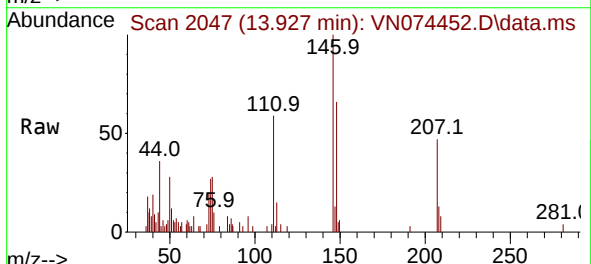
Manual Integrations
APPROVED

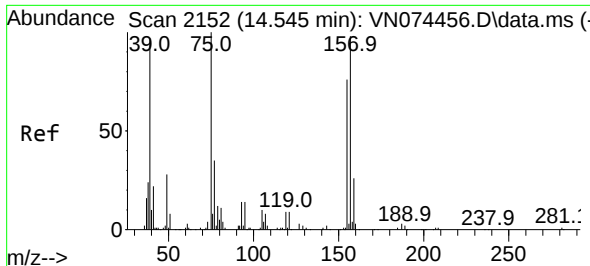
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#91
1,2-Dichlorobenzene
Concen: 1.021 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.006 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

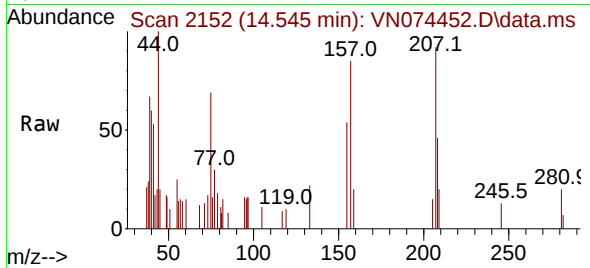
Tgt Ion:146 Resp: 10641
Ion Ratio Lower Upper
146 100
111 49.5 21.9 65.7
148 66.2 31.4 94.2





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.115 ug/l
 RT: 14.545 min Scan# 2152
 Delta R.T. -0.000 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59

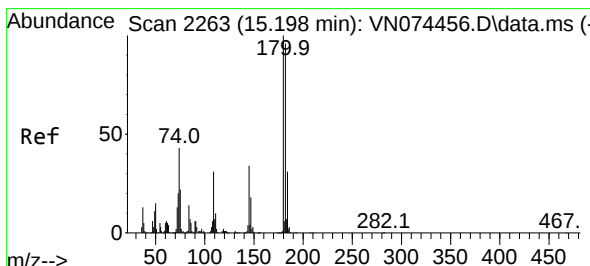
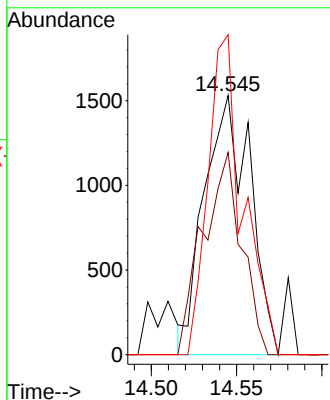
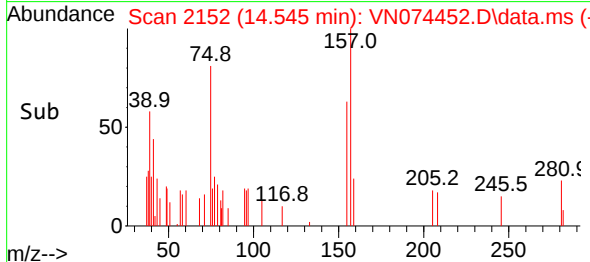
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



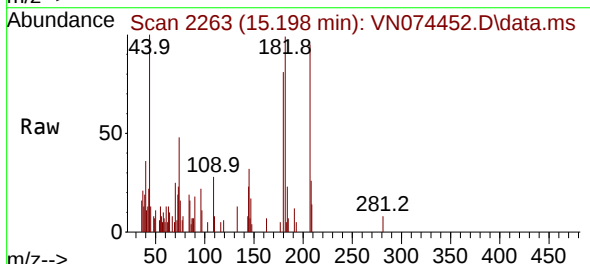
Tgt Ion: 75 Resp: 2840
 Ion Ratio Lower Upper
 75 100
 155 66.2 36.6 109.9
 157 94.3 46.2 138.5

Manual Integrations
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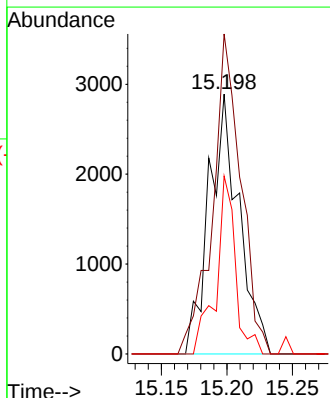
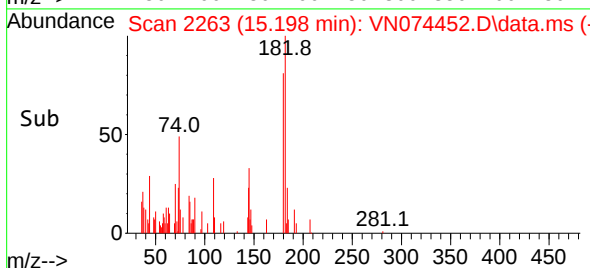
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

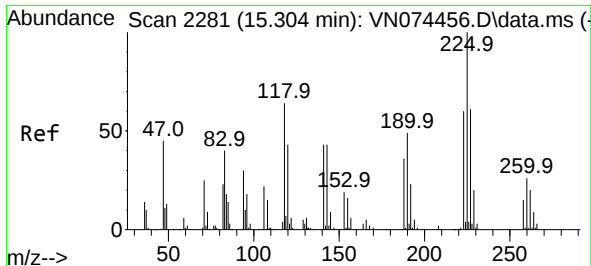


#93
 1,2,4-Trichlorobenzene
 Concen: 0.884 ug/l
 RT: 15.198 min Scan# 2263
 Delta R.T. 0.000 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59



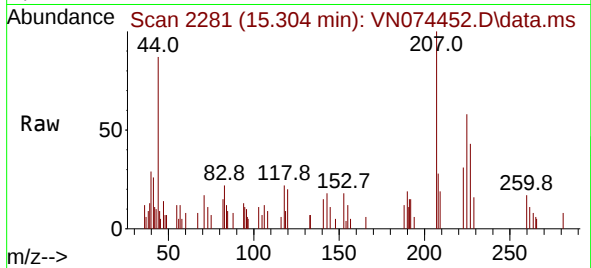
Tgt Ion:180 Resp: 4589
 Ion Ratio Lower Upper
 180 100
 182 116.2 47.4 142.2
 145 43.8 16.1 48.2





#94
Hexachlorobutadiene
Concen: 1.007 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59

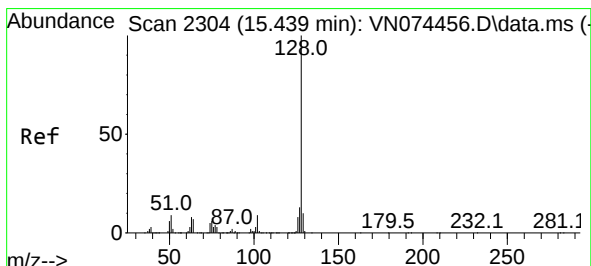
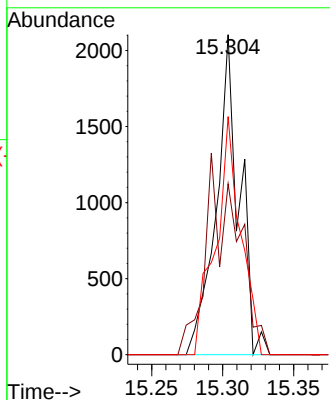
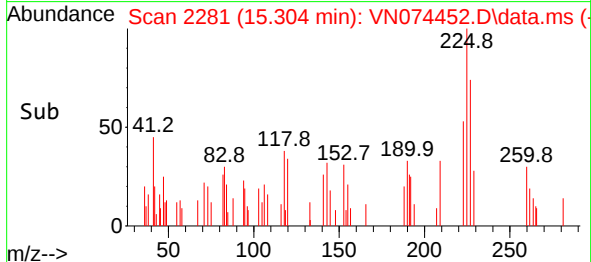
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



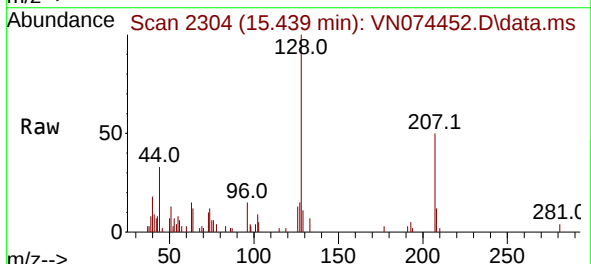
Tgt Ion:225 Resp: 2370
Ion Ratio Lower Upper
225 100
223 40.3 31.6 94.8
227 80.8 31.8 95.4

Manual Integrations
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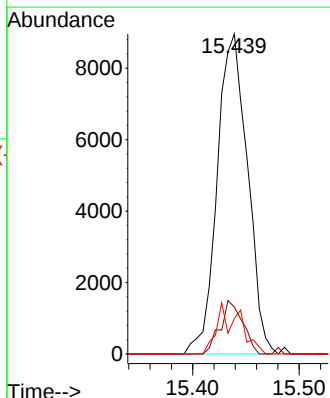
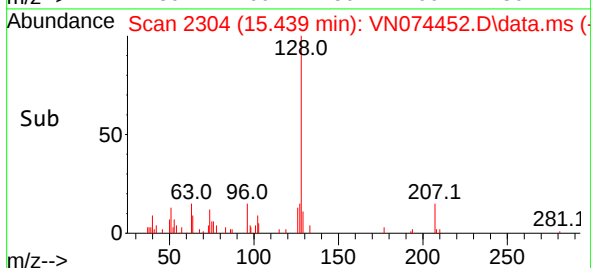
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

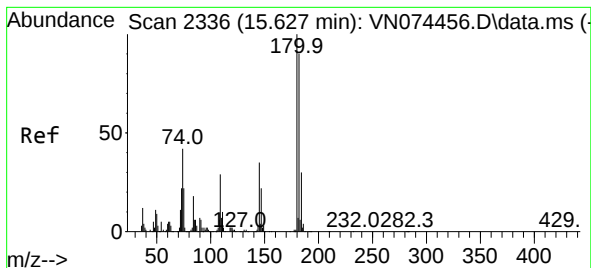


#95
Naphthalene
Concen: 0.873 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074452.D
Acq: 15 Sep 2022 09:59



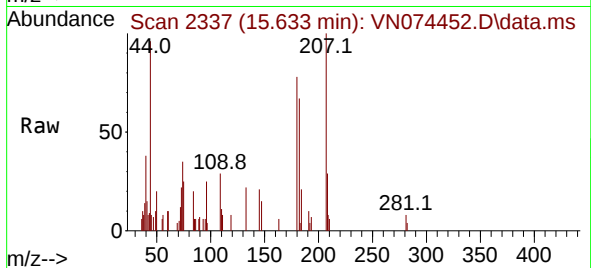
Tgt Ion:128 Resp: 17723
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 12.0 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.919 ug/l
 RT: 15.633 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN074452.D
 Acq: 15 Sep 2022 09:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.6	142.8
145	39.5	17.3	52.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

